City of Bloomington Americans with Disabilities Act Transition Plan for Public Rights-Of-Way: DRAFT

Bloomington ADA Liaison:
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Purpose and Intent:

In accordance with the Americans with Disabilities Act of 1990 (ADA), the City of Bloomington is conducting a self-evaluation to determine if the City's services, policies and practices affecting the public rights-of-way comply with federal and state regulations. This Transition Plan is both the process and the product of the Public Works Department's self-evaluation.

The Transition Plan reviews and develops the City of Bloomington's policies, practices and programs involving upgrades to public rights-of-way. Its purpose and intent is to:

1. Assist Bloomington's Department of Public Works in understanding its obligations under various state and federal guidelines to provide accessibility for individuals with disabilities to City programs, services and activities.
2. Catalog the relevant federal and state accessibility laws and guidelines the City must adhere to while managing public rights-of-way.
3. Develop a Transition Plan that catalogs existing barriers to accessibility within the City's public rights-of-way as well as outlines a method and timeline for the removal of each barrier.

ADA and Other Applicable Laws, Standards, and Guidance

Architectural Barriers Act of 1968 (ABA): The ABA is a Federal law that requires facilities designed, built, altered or leased with Federal funds to be accessible. The Architectural Barriers Act marks one of the first efforts to ensure access to the built environment.

Section 504 of the Rehabilitation Act of 1973 (ABA): Section 504 of the Rehabilitation Act of 1973 is a Federal law that protects qualified individuals from discrimination based on their disability. The nondiscrimination requirements of the law apply to employers and organizations that receive financial assistance from any Federal department or agency.

The Americans with Disabilities Act (ADA): The Americans with Disabilities Act of 1990 (ADA) is a federal law that prohibits discrimination on the basis of disability in employment, state and local government, public accommodations, commercial facilities, transportation, and telecommunications. The ADA works in tandem with the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973. The ADA has five titles:

Title I:	Employment
Title II:	Public Services and Public Transportation
Title III:	Public Accommodations
Title IV:	Telecommunications
Title V:	Miscellaneous Provisions

The focus of this Transition Plan is Title II: Public Services and Public Transportation

In the ADA the term disability is defined, with respect to an individual, as:

1. A physical or mental impairment that substantially limits one or more of the major life activities of such individual;
2. A record of such an impairment; or
3. Being regarded as having such an impairment.

When addressing accessibility needs and requirements, it is important to note that ADA and Title II do not supersede or preempt state or local law, such as the Minnesota Human Rights Act, that may offer equivalent or greater protections.

28 CFR 35: 28 CFR 35 refers to Title 28 of the Code of Federal Regulations Part 35. This is the section of administrative law that interprets and defines Subtitle A of Title II of the ADA. These rules direct public entities to complete actions like designating an ADA liaison and performing a self-evaluation to determine if the entities programs, policies and practices are compliant with ADA regulations, as well as other actions to achieve ADA compliance.

Americans with Disabilities Act Accessibility Guidelines (ADAAG): The Americans with Disabilities Act Accessibility Guidelines (ADAAG) document contains scoping and technical requirements for accessibility to buildings and facilities by individuals with disabilities under the (ADA). These scoping and technical requirements are to be applied during the design, construction, and alteration of buildings and facilities covered by Titles II and III of the ADA.

The Access Board: The Architectural and Transportation Barriers Compliance Board, known as the Access Board, is an independent federal agency devoted to accessibility for people with disabilities. Created in 1973 to ensure access to federally funded facilities, the Access Board is now a leading source of information on accessible design.

Public Rights of Way Accessibility Guidelines: The Public Rights-of-Way Accessibility Guidelines (PROWAG), developed by the Access Board, are draft guidelines that address accessibility in the public right-of-way. Sidewalks, street crossings, and other elements of the public right-of-way present unique challenges to accessibility for which specific guidance is considered essential. Despite the fact that these newest guidelines are still in draft form, it is generally expected that PROWAG will eventually be approved and become the new national standard. The City of Bloomington's Transition Plan primarily adheres to PROWAG standards.

Minnesota Department of Transportation Technical Memorandums:
<u>Technical Memorandum 15-02-TR-01 (formally known as 10-02-TR-01)</u>:
In 2015, Mn/DOT issued Technical Memorandum 15-02-TR-01 which extends the expiration date of Technical Memorandum 10-02-TR-01 Adoption of Public Rights of way Accessibility Guidance to Mn/DOT staff, cities, and counties. This memorandum makes PROWAG the primary guidance for accessible facility design on all Mn/DOT projects. Mn/DOT is beginning to integrate PROWAG into the Road Design Manual and other technical guidance.

<u>Technical Memorandum 10-SA-01</u>:
The purpose of Technical Memorandum 10-SA-01 is to clarify ADA requirements as they apply to local Federal-aid projects and State-aid projects. The memorandum states that Local Federal-aid projects must provide pedestrian curb ramps and detectable warnings systems on all new and existing ramps within the project limits even if the proposed work can be done without disturbing the existing sidewalk or pedestrian ramps. Project plans that do not adhere to

these requirements will not be approved by Mn/DOT. On the other hand, Mn/DOT will not review State-aid project plans for accessibility requirements, because the responsibility of enforcing ADA requirements on state-aid projects falls to the local agency.

In addition to technical memorandums, Mn/DOT is developing best practices and documenting "lessons learned" as they integrate PROWAG into their construction and reconstruction projects.

Technical Memorandum 15-01-T-01
The purpose of Technical Memorandum 15-01-T-01 is to provide guidance as it relates to pedestrian crossing facilitation. The memorandum includes a section on curb ramp installation and provides guidance for various sidewalk crossing configurations including those where sidewalks may only be on one side of the road or at crossings to areas of no sidewalk.

ADA SELF-EVALUATION

ADA Self-Evaluation Requirements

Under Title II, as explained in Section 35.105 of CFR, the City of Bloomington is required to carry out a self-evaluation to ensure City policies, practices and programs are compliant with ADA requirements. The City's self-evaluation for both city buildings and park and recreation facilities are contained in a separate report. This report concentrates on the City's public rights-of-way.

Activity in the public right-of-way may be considered a program in two different ways:

1. Streets, sidewalks and curb ramps may be part of a continuous path of travel between activities or programs, at various public and private facilities located on adjacent properties, such as public offices, schools, parks and recreational facilities, public service agencies, hospitals and health clinics, and police facilities.
2. Streets, sidewalks and curb ramps may themselves represent a program of public pedestrian activities that are essential to the usage and enjoyment of the City's built environment.

Evaluation of City Policies, Practices and Programs that Impact the Public Right-of-Way

Pavement Management Program (PMP)

The PMP is a street maintenance plan that implements the right maintenance at the right time in a road's lifecycle in order to reduce the overall cost of keeping the City's streets in good condition. There are three categories of projects under the PMP: reconstruction, mill and overlay, and seal coating. The Public Works Department's annual construction schedule is driven by data gathered through the PMP and budget. Both reconstruction and overlay projects provide an excellent opportunity for the City to upgrade pedestrian facilities to meet current ADA standards. The City is working to set aside special funds for trail and sidewalk maintenance within the PMP as part of the City's Pavement Management Program Right-of-Way Multi-Modal Maintenance Program. These funds and data-driven nature of the PMP makes it an extremely useful vehicle for ADA compliance. Under the previous program (without PMP Multi-Modal), the PMP projects the City's public rights-of-way would be fully compliant with PROWAG standards

by 2031. This date is expected to move up considerably with the addition of the PMP Multi-Modal, however a new fully compliant date will not be identified until the self-evaluation is complete, the budget for the PMP Multi-Modal program is determined and the full extent of the necessary upgrades is known.

What Triggers an ADA Upgrade?

ACTION	Upgrades Required?
CONSTRUCTION	
Mill and Overlay For mid/partial block overlays upgrades are only required in impacted street areas. Curb ramp must be installed where they are required but do not exist and any existing curb ramps must be brought into compliance.	Yes
Hennepin County Mill and Overlay*	Yes
New Construction Curb cuts, sidewalks, trails, pedestrian crosswalks, traffic signal installation, pedestrian tunnels/ overpasses, and new development.	Yes
Reconstruction Roadway widening, additional vehicle or bike lanes, horizontal or vertical alignment changes, bridge replacement, total road rehabilitation, installation of concrete curb and gutter, traffic signal replacement, sidewalk or trail replacement.	Yes
MAINTENANCE	
Crack Sealing	No
Concrete Joint Sealing	No
Concrete Surface planing/grinding	No
Curb Replacement If the curb replacement is at an existing or proposed pedestrian ramp location, then it should beet ADA requirements. If the curb is not at a pedestrian crossing then standard curb (B618, etc) can be used.	Maybe
Pothole Patching	No
Seal Coating	No
Sidewalk Panel Replacement Accessibility upgrades should be done to the extent feasible. If only one or two panels are being re-placed, then there may be no opportunity to make changes	Maybe
Sidewalk Joint Grinding	No
Sidewalk Panel Bituminous Patch The larger the patch section, the better the opportunity to accommodate some provisions such as slope, cross-slope, and path consistency.	Maybe
Skin Patching	No
Utility Patch If the patch is located in the middle of the street bed, then no upgrades are required. However, if the patch disturbs curb ramps or sidewalks, then upgrades are required.	Maybe
TRAFFIC	
Crosswalk Installation Any new marked and signed crossing needs to be compliant.	Yes
Pavement Marking Modification Any pedestrian-related pavement markings should be consistent with accessibility provisions but do not trigger any additional accessibility projects.	Maybe

***** Historically, through the Hennepin County permitting process, the City of Bloomington is required to provide ADA compliant curb ramps and other amenities when working within the Hennepin County right-of-way. However, to date the City has not upgraded facilities for Hennepin County Mill and Overlay Projects. The City believes that since it is a Hennepin County project on a Hennepin County roadway that they should be responsible for the upgrade.

**Private Utility companies such as Xcel Energy or Centerpoint Energy will be required to meet the same triggers for ADA updates as listed in the maintenance section above for work within Bloomington right-of-way.

Neighborhood and Stakeholder Meetings

Any public meeting, hearing, or comment period held by the City of Bloomington is accessible. The City provides qualified interpreters upon request and will provide documents in an accessible electronic format or other alternative formats, such as large print or Braille. *All public notices shall contain contact information for accommodation requests.*

Public meetings, trainings, programs and other events must be in an accessible location and indicated on the meeting notice. Project managers and other City staff are directed to use the Department of Justice Guide to Conducting Accessible Meetings to assist in planning public meetings.

Other Communication with Residents

TTY Communication: (952)563-8740 (TTY).

Website The City strives to comply with the following accessibility standards for Web content:

- Section 508 of the Rehabilitation Act as amended by Congress in 1998.
- Conformance with WCAG 2.0 Level A success criteria.

Further details regarding website compliance can be found at https://www.bloomingtonmn.gov/accessibility-our-website

The City will provide documents in an accessible electronic format or other alternative formats, such as large print or Braille, if requested.

Bloomington ADA Liaison

Section 35.107 (a) of 28 CFR 35 regulations requires public entities to designate an ADA Liaison to coordinate ADA compliance efforts. The liaison is also responsible for investigating complaints of alleged noncompliance. This plan also appoints two representatives from the Public Works Department to assist the ADA Liaison with the implementation of this Transition Plan. Contact information for the designees is listed below.

City of Bloomington ADA Liaison
Name: Tracy Smith
Email: tsmith@BloomingtonMN.gov
Phone: (952) 563-4955

Public Works Department ADA Representative #1
Name: Julie Long
Email: jlong@BloomingtonMN.gov
Phone: (952) 563-4865

Public Works Department ADA Representative #2
Name: Ken Frosig
Email: kfrosig@BloomingtonMN.gov
Phone: (952) 563-8767

ADA Grievance Procedures
Section 35.107 (b) of 28 CFR 35 regulations requires the City of Bloomington to adopt and publish a grievance procedures citizens can use to formally bring complaints of alleged city ADA non-compliance to the attention of city officials. The Bloomington City Council adopted such a procedure on April 27, 1992. The City of Bloomington grievance procedure can be found in the appendix of this document.

DRAFT Procedure for the Installation of Accessible Pedestrian Signals to Signalized Intersections
An Accessible Pedestrian Signal (APS) is a pedestrian pushbutton that communicates to a pedestrian information about push button location, and WALK/DON'T WALK intervals in a non-visual manner, using cues such as audible tones, speech messages, and vibrating surfaces. Bloomington's Draft Procedure for the Installation of APS outlines the guidelines and procedures used to determine the need for APS installation. The City uses a standardized APS prioritization tool to rank several factors at each intersection, such as potential demand for APS, personal requests from citizens with disabilities for APS, traffic volumes, and the complexity of traffic signal phasing and intersection geometry. The APS procedure, and the APS prioritization tool, can be found in the appendix of this document.

Temporary Pedestrian Access Routes During Construction and Maintenance Projects
Construction and temporary traffic control zones present special challenges for pedestrians with disabilities. According to PROWAG (R205), when an existing pedestrian access route is blocked by construction or maintenance, an ADA compliant alternative pedestrian access route shall be provided. Mn/DOT and the Minnesota Manual on Uniform Traffic Control Devices Chapter 6D offers technical guidance on this issue. MnDOT continues to update these guidelines as necessary, and the City of Bloomington monitors MnDOT's evolving standards to stay in compliance. In the field, the City individually evaluates any temporary control zone to ensure compliance with PROWAG. The responsibility for providing compliant alternative pedestrian routes falls to the project contractor, however Public Works staff facilitate compliance by using a Mn/DOT Draft Pedestrian Accessibility Checklist to evaluate each temporary site. The checklist can be found in the appendix of this document.

Evaluation of the physical facilities in the City of Bloomington's Public Rights-of-Way
The City of Bloomington will conduct a thorough inventory of the City's physical infrastructure within its public right-of-way. This includes curb ramps, intersection and street geometry, and pedestrian bridges and underpasses. City staff has already begun to catalog areas in the City that with the highest levels of pedestrian traffic. Data from approximately two-thirds of the City has been collected for the curb ramps as of 2014. The City estimates a full inventory of the City will be completed by 2018.

Maintenance
The Public Works Department is responsible for the seasonal maintenance of its facilities. Multiple maintenance policies affect the accessibility of the City's facilities.

Snow Removal: Sidewalk Plow Routes:

The City Code implies that the snow removal from public sidewalks is the responsibility of the adjacent property owners in two different code sections. By Section 12.03(1) snow and ice is to be removed from public sidewalks within twelve (12) hours after the snow stops falling or it will be classified as a public nuisance and Section 8.02 allows for the assessment of the cost

related to public nuisance snow removal. However, the City of Bloomington currently has a program in place to for plowing snow on public sidewalks.

The City of Bloomington plows its sidewalks based on a three-tiered prioritization system. Priority one routes, sidewalks designated as school walking routes as well as known routes used by residents with disabilities, are plowed first. Priority two routes, sidewalks in areas with high pedestrian traffic and along main arterial roads, are plowed next. Finally, sidewalks in residential areas are plowed last. A City map labeled with priority one, two and three sidewalks is available upon request.

Boulevard Tree Trimming Policy:
The City of Bloomington annually inspects for any overgrown trees that may be obstructing the public rights-of-way. Each year, every snowplow operator inspects his or her assigned snow plow route for hazards. Lists of trees that need to be trimmed are turned in to the Street Maintenance Supervisor to be put on a master list. As time permits, crews are sent out to notify property owners with letters of the City's intent to trim the boulevard trees adjacent to their property. Priority is given to ADA trimming requests. All trimming is done on a time available schedule.

Concrete Repair Fund:
The Maintenance Division manages a fund used for routine and emergency concrete maintenance. This money is also used to respond to specific resident requests for ADA upgrades. If the request is technically feasible, this fund allows the City to fulfill the request in a timely manner.

ADA Transition Plan

ADA Transition Plan Requirements

According to Section 35.150 (d) of 28 CFR 35, a public agency must prepare an ADA Transition Plan if any city facilities require physical or structural modifications to provide individuals with disabilities access to programs or services. The ADA Transition Plan catalogs existing barriers to accessibility in the public rights-of-way found through the self-evaluation, and prepares removal schedule for each barrier.

The ADA Transition Plan is required to address the following aspects of accessibility:

1. The ADA Transition Plan shall include a schedule for providing curb ramps or other sloped areas where pedestrian walks cross curbs, giving priority to walkways serving entities covered by the ADA, government offices and facilities, transportation, places of public accommodation, and employers, followed by walkways serving other areas;
2. The ADA Transition Plan shall identify physical obstacles in the City's facilities that limit the accessibility of its programs or activities to individuals with disabilities;
3. The ADA Transition Plan shall describe the methods that will be used to make the facilities accessible; and
4. The ADA Transition Plan shall specify the schedule for taking the steps necessary to achieve compliance with the ADA and, if the time period of the ADA Transition Plan is longer than one year, identify steps that will be taken during each year of the transition period.

At the time of publication, the self-evaluation of the City's physical infrastructure in public rights-of-way is underway, but not fully accomplished. Upon completion, each barrier will be prioritized and scheduled for removal.

Prioritizing Barrier Removal in the Transition Plan
As noted above, the CFR states that facilities in city rights-of-way serving entities covered by the ADA, including government offices and facilities, transportation, places of public accommodation, and employers, should be given priority for barrier removal. The City of Bloomington will also prioritize corridors identified in its Alternative Transportation plan, Figure 3.2 ATP System and Figure 3.3: ATP System by Facility Type. This ATP System identifies a core multi-modal network through the City that connects the neighborhoods to destinations via Local Connections, Community Corridors and Regional Trails. (Figures 3.2 & 3.3 from the ATP Draft are included in the Appendix.) Furthermore, any reconstruction or mill and overlay project called for through the PMP will receive ADA upgrades.

Public Participation
The City must provide an opportunity for interested persons, including individuals with disabilities or organizations representing such individuals, to comment on the self-evaluation and Transition Plan process. A draft copy of the Transition Plan will be available to the public online at on the City's webpage, www.BloomingtonMN.gov, keyword "ADA Transition Plan."

A draft copy of the transition plan was sent to known organizations that serve people with disabilities in the City of Bloomington.

Bloomington Organizations Serving Persons With Disabilities

United Blind
Normandale Community College
Sensory Genetics
St. Michael's Lutheran Church
Penelope 35
Pacer Center
Paralyzed Veterans of America – Minnesota Chapter

A draft copy of the plan was presented to the Bloomington Human Rights Commission and shared with others like the State Council on Disability and Hennepin County.

The Transition Plan, a list of interested persons consulted, and a description of any modifications made to any policies, practices and programs must be maintained on file and available to the public for at least three years following the completion of the self evaluation.

Staff Training
Bloomington staff participated in the MnDOT ADA Overview training in the past as well as the MnDOT Signal Certification classes where ADA issues are discussed. The ADA unit of MnDOT has also visited Bloomington to train and answer questions in the field as necessary. The City understands that MnDOT is looking at revising ADA training in 2015 and will send the appropriate staff to these training classes.

Plan Management
This plan is intended to be a living document that will receive routine updates. To facilitate the implementation of the transition plan, Public Works Department staff will prepare an annual report for the City Council that lists ADA upgrades within the public right-of-way accomplished in the last year and any upgrades slated for the following year.

Appendix

Grievance form

Draft APS Procedure and Prioritization Tool for Installation of Accessible Pedestrian Signals

Mn/DOT Pedestrian Accessibility Checklist

Ipad forms

Design Standards

Self Evaluation Results

Timeline for removing barriers

ATP - Figure 3.2 ATP System and Figure 3.3: ATP System by Facility Type

The City of Bloomington complies with all applicable provisions of the Americans with Disabilities Act (ADA), Section 504 of the Rehabilitation Act of 1973, and does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its services, programs, or activities. Upon request, accommodation will be provided to allow individuals with disabilities to participate in all City of Bloomington services, programs, and activities. The City has designated coordinators to facilitate compliance with the Americans with Disabilities Act of 1990 (ADA), and to coordinate compliance with Section 504 of the Rehabilitation Act of 1973 as mandated by the U.S. Department of Housing and Urban Development regulations. For information, contact the Human Services Division, City of Bloomington, 1800 West Old Shakopee Road, Bloomington, MN 55431-3027; (952)563-8733 (Voice); (952)563-8740 (TTY). Upon request, this information can be available in Braille, large print, audio tape and/or electronic format.

CITY OF BLOOMINGTON

AMERICANS WITH DISABILITIES ACT

GRIEVANCE PROCEDURE

The City of Bloomington has adopted this internal grievance procedure to provide for the prompt and equitable resolution of complaints alleging any action prohibited by the United States Department of Justice regulations implementing Title II of the Americans with Disabilities Act (ADA). Title II of the ADA states, in part, that "no otherwise qualified disabled individual shall, solely by reason of such disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination" in programs or activities sponsored by a public entity.

GRIEVANCE PROCEDURE STEPS:

1. **Filing a Complaint.** ADA complaints shall be filed with the Office of the City Manager, 2215 West Old Shakopee Road, Bloomington, Minnesota, 55431, 881-5811 (Extension 270) TDD: 887-9677. All complaints shall be filed in writing or verbally; shall contain the name, address, and phone number of the complainant; and shall briefly describe the alleged violation. A complaint shall be filed within 360 days after the complainant becomes aware of the alleged violation.

2. **Investigation and City Manager Determination.** Upon receipt of the complaint, the City Manager or a person designated by the City Manager shall conduct such investigation as may be necessary to determine the facts of the alleged complaint. The investigator shall also: 1) determine whether or not the complaint is governed by Title II of the ADA; and 2) if Title II is applicable, devise a plan which will address necessary modifications to City programs or activities covered by Title II. The City Manager or a person designated by the City Manager shall then meet with the complainant and attempt to resolve the complaint.

   The determination of the City Manager shall be issued within thirty (30) days of receipt of the complaint and shall be in written form or other appropriate media of communication. A copy of the City Manager's determination shall be sent by certified mail to the complainant. Arrangements for submission of the City Manager's determination to a visually impaired complainant shall be made.

3. **Appeal to Human Rights Commission.** Within ten (10) days of the receipt of the City Manager's determination by the complainant, the complainant may appeal the determination to the Bloomington Human Rights Commission. The appeal shall be filed with Bloomington's Human Services Division, 2215 West Old Shakopee Road, Bloomington, Minnesota 55431, 881-5811 (TDD: 887-9677). An investigation of the facts of the alleged complaint shall be conducted by a person appointed by the Bloomington Human Rights Commission who shall not be the same person named as the Manager's designee noted in paragraph 2.

4. **Human Rights Commission Resolution.** No later than sixty (60) days after receipt of the appeal of the City Manager's determination, the Bloomington Human Rights Commission shall pass a resolution with findings. The recommendation shall be in written form or other appropriate media of communication, and shall determine the validity of the complaint, and shall contain a description of the recommended modifications to programs or activities, if any.

5. **Appeal to City Council and Council Action.** The recommended resolution of the Bloomington Human Rights Commission shall be implemented unless within ten (10) days after the Commission's vote adopting the recommendation, a further hearing on the matter before the Bloomington City Council is requested by either the complainant or the City Manager. A request for a further hearing shall be in writing or verbally filed with the Secretary to the City Council, 2215 West Old Shakopee Road, Bloomington, Minnesota, 881-5811 (TTD: 887-9677). If a hearing before the City Council is requested, the City Manager shall set the matter for hearing before the City Council at the Council's earliest practicable meeting. The complainant and a representative of the Manager may be present at the hearing, may be represented by counsel, may present evidence and witnesses, and may cross-examine witnesses. A tape of the proceeding shall be made. Within fourteen (14) days of the completion of the hearing, the City Council shall issue a written decision, which shall be sent to the complainant. Arrangement for submission of the City Council's decision to a visually impaired complainant shall be made.

All determinations throughout this grievance process shall be rendered in a form additional to writing, if necessary, to the understanding of the complainant. An advocate may be appointed to aid a complainant in the filing of a complaint.

This grievance procedure contemplates informal but thorough investigations, affording all interested persons and their representatives, if any, an opportunity to submit evidence relevant to a complaint.

The right of a person to a prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies such as the filing of a complaint with the responsible federal department or agency. The use of this grievance procedure is not a prerequisite to the pursuit of other remedies.

This grievance procedure shall be construed to protect the substantive rights of interested persons to meet appropriate due process standards and to assure that the City of Bloomington complies with the ADA and any implementing regulations.

City of Bloomington

This grievance procedure was adopted by the Bloomington City Council at its regular meeting of April 27, 1992.

THIS GRIEVANCE PROCEDURE IS AVAILABLE IN BRAILLE, LARGE PRINT, AUDIOTAPE, AND ELECTRONIC FILE ON COMPUTER DISK.,

Procedure for the Installation of Accessible Pedestrian Signals to Signalized Intersections

Purpose: To provide guidelines and a procedure for the consideration of installing Accessible Pedestrian Signals (APS) at pedestrian crossings associated with signalized intersections or signalized mid-block crossings. Crossings will be individually evaluated and scored using established criteria to determine need and establish priority. The consideration for installation will be based on the priority and available funding.

Introduction: An Accessible Pedestrian Signal (APS) is a pedestrian pushbutton that communicates to a pedestrian when to cross the street in a non-visual manner, using cues such as audible tones, speech messages, and vibrating surfaces.

The guidelines and procedure outlined in this document will be used to determine which pedestrian crossings should receive high prioritization consideration for APS installation.

The Minnesota Manual on Uniform Traffic Control Devices (MMUTCD) Section 4E.6 provides guidance:

> "If a particular signalized location presents difficulties for pedestrians who have visual disabilities to cross reasonably, safely, and effectively, an engineering study should be conducted that considers the safety and effectiveness for pedestrians in general, as well as the information needs of pedestrians with visual disabilities."
>
> "The installation of accessible pedestrian signals at signalized locations should be based on an engineering study, which should consider the following factors:
>
> A. Potential demand for accessible pedestrian signals;
> B. A request for accessible pedestrian signals;
> C. Traffic volumes during times when pedestrians might be present, including periods of low traffic volumes or high turn-on-red volumes;
> D. The complexity of traffic signal phasing; and
> E. The complexity of intersection geometry."

The City of Bloomington intends to follow the MMUTCD for pedestrian signal and accessible pedestrian signal installation as required under state statute 169.022 and 169.06.

The procedure outlined here provides the basis for the engineering study and is based on National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices and 117B: Guidelines for Accessible Pedestrian Signals, Final Report. The data is collected when requests for APS are received, when a project is anticipated to result in a signal being revised, or when a project is anticipated to result in a signal being constructed.

Practice: An evaluation of pedestrian crossings at signalized intersections will be completed under the following circumstances:

1. Request for Accessible Pedestrian Signal (APS) installation
2. Request for review of pedestrian crossing
3. Installation of a new signal system
4. Revision of an existing signal system
5. At the discretion of the City Engineer or City Traffic Engineer

The pedestrian crossings at signalized intersections will be evaluated using APS Prioritization Forms. The pedestrian crossings will receive a score which the City will use to prioritize the installation of APS.

In all instances, other changes are recommended to be implemented and the pedestrian crossing re-evaluated before installation of APS is recommended. Recommended changes include but are not limited to realigning pedestrian crossings, realigning pedestrian ramps and truncated domes, realigning sidewalks, relocating pedestrian pushbuttons, or changing signal operations if possible. Recommended changes will be highlighted during the APS evaluation process.

If an intersection meets the threshold for APS on one crossing and other pedestrian crossings at the same intersection are within 5% of meeting the threshold, it is recommended that those crossings within 5% also be outfitted with APS.

If more than 50% of the crossings at an intersection meet the threshold for APS, APS is recommended to be installed on all other crossings of the intersection, unless the crossings are of a private drive or a channelized right turn. Providing consistency at an intersection is important for not only a visually impaired pedestrian but all pedestrians. If the majority of pedestrian crossings of an intersection have APS, there is an expectation that all crossings of the intersection have APS. The absence of APS, when expected, may result in a visually impaired pedestrian losing their way as they traverse the intersection.

The scores produced through the evaluation will result in different recommendations based on the type of crossing as detailed below.

1. For pedestrian crossings that cross a private drive receiving a score of 55 or higher, installation of APS would be recommended at the pedestrian crossing if there are more than 120 vehicles per hour across the pedestrian crossing during the peak hour of the day for the driveway. A crossing of a private drive is considered part of the signalized intersection.

2. For pedestrian crossings that cross a channelized right turn lane receiving a score of 55 or higher, installation of APS and signalization of the channelized right turn lane should be further evaluated to assess the viability and driver acceptability of a change (i.e. signalization of the channelized right turn meets the expectation of the driver based on geometry, conflicts, and traffic and pedestrian volumes). This includes the evaluation of traffic operations, sight lines, signing, striping, and the channelized right turn lane geometry. Signal Warrants should also be

analyzed under this additional evaluation.

3. For all other pedestrian crossings, a score of 55 or higher indicates that installation of Accessible Pedestrian Signals would be recommended at the pedestrian crossing.

After the evaluation, the pedestrian crossings that meet the above thresholds will be added to a list of pedestrian crossings throughout the City that meet the thresholds for the installation of APS. The highest rated pedestrian crossings will be installed first as the budget allows. If an intersection is being reconstructed or a signal is being revised or installed, pedestrian crossings at those locations may receive APS before higher rated pedestrian crossings.

Process: The evaluation process will be completed through the following steps.

Step 1: Reason for the Evaluation

A. Request – Document receipt of a request. The request should include:
   1) Name of the intersection
   2) Crossing locations on which APS is requested
   3) Requestor's name and contact information

   The City should accommodate reasonable requests to schedule the Intersection Assessments to allow requestors' participation. The level of participation of the requestor should be limited to include hearing the requestor's concerns, which crossing they would like APS installed, why they would like APS installed at those crossings, and what their expectations are as they use the crossing. This may highlight other changes that may be needed at the pedestrian crossing with or without the installation of APS. Recommended changes may include, but are not limited to, realigning pedestrian crossings, realigning pedestrian ramps, adding truncated domes, or relocating pedestrian pushbuttons.
   Go to Step 3

B. Signal Revision – Document the existing signalized intersection location that is being revised as part of a project. Determine if the intersection geometrics or signal phasing is being changed as part of the project. This includes curb lines, pedestrian crossing locations, etc.
   Go to Step 2

C. New Signal – Document the intersection location that is being proposed to have a new signal constructed. Determine if the intersection geometrics or signal phasing is being changed as part of the project.
   Go to Step 2

Step 2: Type of Intersection Change

A. No Change to Geometrics or Signal Phasing – If there are no geometric changes or signal phasing changes anticipated at the intersection, collect the geometric, signal, and pedestrian crossing information from the field or from construction as-built plans.

B. Change to Geometrics or Signal Phasing – If there are geometric or signal phasing changes anticipated at the intersection, document the proposed intersection information, including curb radii, pedestrian crossing configurations, sidewalk configurations, signal phasing, signing, striping, etc. General details may have to be estimated based on known data until plans are finalized.

Step 3: Prioritization Forms

Pedestrian crossing locations at intersections will be scored using the Prioritization Tool Worksheets. This tool will provide a preliminary score that will be compared against a base score. In addition, the preliminary score will be compared to the relative priority as compared to other pedestrian crossing locations with or scheduled for APS installation, any work being planned at that intersection, and whether APS is likely to be installed within the next three (3) years.

Open the Accessible Pedestrian Signals Worksheets folder located on the H: drive at H:\Policies & Procedures\Traffic\Accessible Pedestrian Signals Worksheets. Print the APS Prioritization Tool_Field Worksheets.xls and fill out the information on the forms. These forms are for manual evaluation in the field. Automated forms are available for electronic preservation of the evaluation as outlined in Step 5.

Step 4: APS Prioritization Worksheets

Field evaluation should be completed in mid-morning or mid-afternoon, outside of the peak hours, during daylight, during clear weather, and under dry roadway conditions.

Cover Sheet:

Location – If it is a mid-block location, note the intersections to either side of the pedestrian crossing location.

Evaluator – If the requestor is present during the evaluation, add their name.

Evaluation Date – Note the date and time when the field evaluation occurred.

Other Considerations – Note conditions that may influence the field evaluation results. This may include, but is not limited to, weather conditions, road conditions, construction, road closings, sidewalk closings, or crashes nearby.

Pedestrian Crossing Scores – Summarize the total score for each pedestrian crossing evaluated.

Intersection Worksheet:

Sketch – Draw a diagram of the intersection or pedestrian crossing location. At a minimum, the sketch should include the following:

- Pedestrian crossing location and orientation, including skew and any change in direction for correct reference to the pedestrian crossing worksheets.
- Location of pushbuttons and other signal features.
- Geometrics, such as islands and lane configuration.
- Label each pedestrian crossing as A, B, C, etc.

The intersection layout plan sheet for the signal should be used to supplement this information, if available. An aerial photo of the intersection will be helpful and should be included if available. Note any changes to the intersection that may not match what is shown in the aerial photo.

Configuration – Select based on the number of legs at the location. The most common intersection configurations are easiest for visually impaired pedestrians to navigate.

Signalization – Select based on the signal operations. Pretimed intersections are easiest to navigate since the phases are consistent from one cycle to the next. Operations that are unexpected are hardest to navigate.

- if one direction has split-phasing, the signalization is split phased

The following three categories have to do with the expected presence of visually impaired pedestrians.

Transit Facilities – Select based on if and how many transit facilities are close to the intersection. This includes both transit stations and bus route signing with bus stops.

Distance to Facility for Visually Impaired – Select based on distance to a facility for the visually impaired. A facility for the visually impaired is a facility that specifically serves the visually impaired. This includes but is not limited to centers for the blind, a service for the use of Braille products, a retailer of Braille products, or training facilities for guide dogs. This may also include a house or apartment complex with a known visually impaired resident.

Known facilities that serve the blind in Bloomington include:

1. United Blind: 3200 West 88th Street
2. Normandale Community College: 9700 France Avenue South
3. Sensory Genetics: 5801 Southwood Drive
4. St. Michael's Lutheran Church: 9201 Normandale Boulevard
5. ReSound US: 8001 East Bloomington Freeway

Distance to Major Pedestrian Attraction – Select based on distance to a major pedestrian attraction. This includes, but is not limited to

- major shopping areas
- major cultural or social venues
- educational campuses

- recreational or regional park areas
- medical facilities.
- libraries

Other items to consider in the installation of APS:

Signal slated for construction or revision – Select future time frame if the construction or revision of the signal location is known. If unknown, select over 5 years (Past the Capital Improvement Plan timeframe). If a signal or street is being reconstructed, there is an increased ability to make changes.

Other Intersection Level Issues – Summarize other issues that may be of interest at the intersection. Is it near an emergency medical facility or railroad which may preempt the signal often? Anything unique about the intersection or signal operations?

Points are not currently given for other intersection level issues but may be given points at the discretion of the City Traffic Engineer. Points are given based on how an intersection issue is likely to affect a visually impaired pedestrian.

Intersection Worksheet Score – Add up the Score from this sheet.

Pedestrian Crossing Worksheet:

Complete one worksheet for each pedestrian crossing at the intersection. If the signals are timed for pedestrians to only cross to a median island, consider them as two separate pedestrian crossings. Pedestrian crossings or locations crossing to a right-turn island are also considered separate pedestrian crossings.

Pedestrian Crossing Designation – Note the pedestrian crossing designation as reported on the Sketch completed on the Intersection Worksheet.

Pedestrian Crossing Length – Measure the distance of the pedestrian crossing from the middle of the pedestrian ramps to the middle of the pedestrian ramp, curb-to-curb. Select based on the measured distance.

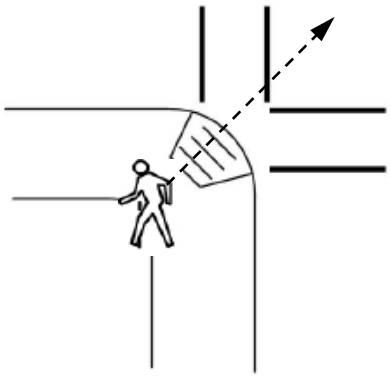
Approach/Crossing Geometrics (select all that apply)

- *Curb radius* - Measure the curb radius at both ends of the pedestrian crossing. Select if the radius is greater than 25 feet AND if the pedestrian curb ramps and truncated domes are NOT aligned with the pedestrian crossing and the opposite curb ramp (see Fig. 2).
- *Islands or medians* – Select if the pedestrian crossing crosses a painted, raised, or cut-through median at the location of the pedestrian crossing. (If the island or median nose does not extend across the location of the pedestrian crossing, do not select.)
- *Transverse slope on pedestrian crossing* – Select if the slope of the street across the pedestrian crossing is greater than 5%. Slopes

greater than 5% tend to alter the path of a pedestrian toward the downslope (i.e. the roadway grade is greater than 5% at the pedestrian crossing).

- *Apex curb ramp* – Select if the pedestrian curb ramp is aligned to the center of the intersection, if there is one curb ramp for two or more pedestrian crossings (Fig. 1), or if a pedestrian would not be aligned to the middle of the pedestrian crossing by following the center of the pedestrian curb ramp (Fig. 2).

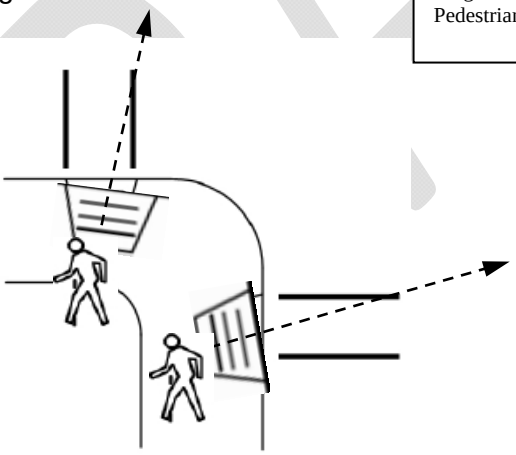
Fig. 1



Apex Curb Ramp

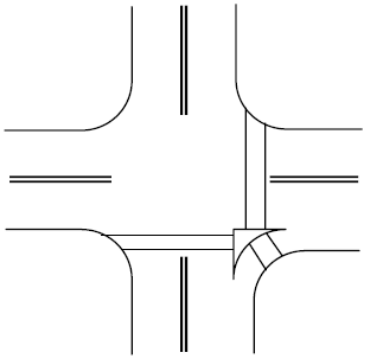
From National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices

Fig. 2



- *Channelized right turn island* – Select if either one of the end points of the pedestrian crossing is at a channelized right-turn island (pork-chop island).

Fig. 3

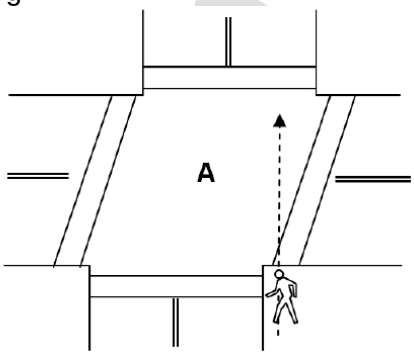


Pedestrian crossings with a channelized right turn island

From National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices

- *Skewed pedestrian crossing* – Select if the direction of travel on the pedestrian crossing is different than the direction of travel on the sidewalk leading to the pedestrian crossing. Select if a pedestrian has to turn or shift direction from the sidewalk to the pedestrian crossing to the sidewalk on the other side of the intersection.

Fig. 4



Skewed Pedestrian Crossing

From National Cooperative Highway Research Program (NCHRP) Project 3-62, 117A: Accessible Pedestrian Signals: A Guide to Best Practices

<u>Vehicle Signal Control</u> (select all that apply)

If a pedestrian crossing being analyzed is across a channelized right turn that is under yield control, no items should be selected for scoring under Vehicle Signal Control.

- *Right-Turn-On-Red permitted* – Select if right-turn-on-red is allowed or if vehicles are not complying with No-Right-Turn-On-Red signing on the street parallel to the crossing (parallel street).

  To measure compliance, watch traffic for a total of at least 10 cycles (at least 5 in peak and at least 5 in off-peak), count the number of cycles in which at least 1 vehicle makes a right-turn on red, select if more than 20% of the cycles have a right-turn on red.

- *Leading protected left-turn phase* – Select if the parallel street has a protected left turn phase across the pedestrian crossing. This may be protected or protected/permitted phase operation. This should also be selected if the left turn across the pedestrian crossing is before an exclusive pedestrian phase or if the pedestrian phase is in the second phase of a split phase operation.

- *Protected right turn/right turn overlap* – Select if the parallel street has a protected right turn phase across the pedestrian crossing. This may be with a protected phase or protected overlap operation.
- *Channelized right turn under signal control* – Select if the pedestrian crossing is across a channelized right turn lane that is operating under signal control and right-turn-on-red is prohibited.

Distance to Alternative APS – Select the appropriate distance to the location of another intersection that includes a pedestrian crossing with APS that crosses the same roadway as the one being analyzed.

Posted Speed – Select the posted speed for the roadway on the street being crossed with the pedestrian crossing.

Pedestrian Signal Control (select all that apply)

- *Push button actuation required for WALK signal* – Select if push buttons are used for the crossing.
- *Non-concurrent WALK interval* – Select if the WALK interval is not concurrent with the green phase of the parallel street.
- *Leading Pedestrian Interval* – Select if the pedestrian interval begins before the vehicle green on the parallel street (street that is parallel with the pedestrian crossing).
- *Timed for crossing to median island* – Select if the pedestrian crossing being analyzed is part of a pedestrian crossing is timed for a pedestrian to only get to the median (i.e. cross half of street at a time).

Off-Peak Traffic Presence – Watch traffic for 10 cycles of the signal during an off-peak period (i.e. the middle of the day). Count the number of cycles in which at least 2 vehicles are on the parallel street. Select based on the count.

Pedestrian Pushbutton Location (select all that apply)

- *Located > 10 ft. from curb* – Select if the pedestrian pushbutton at either end of the pedestrian crossing is located greater than ten feet from the curb.
- *Located > 5 ft. from CW extd.* – Select if the pedestrian pushbutton at either end of the pedestrian crossing is located greater than five feet from where the pedestrian crossing would extend up onto the curb.

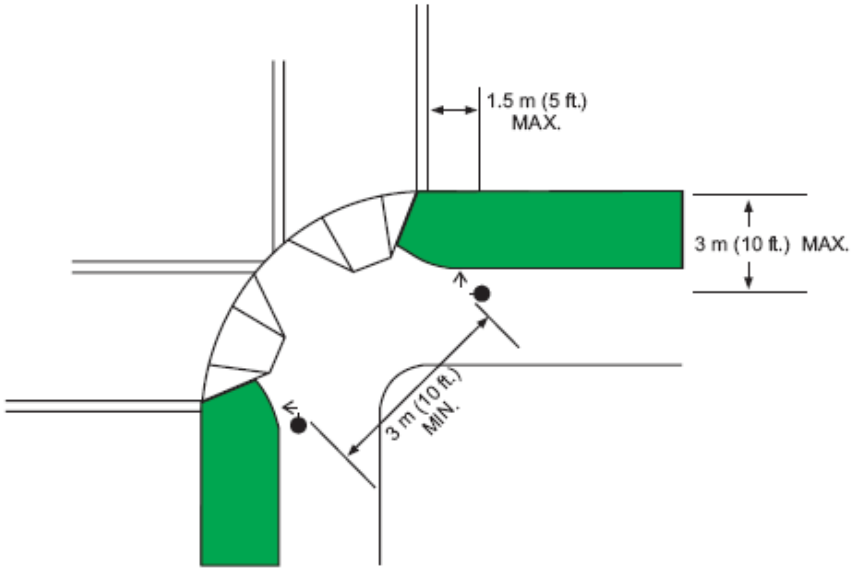
More explanation of either variable can be found in the Minnesota Manual on Uniform Traffic Control Devices (MMUTCD), Section 4E.9 Accessible Pedestrian Signal Detectors.

The recommended push button locations for APS, as outlined in the MMUTCD, are shown in Figure 5.

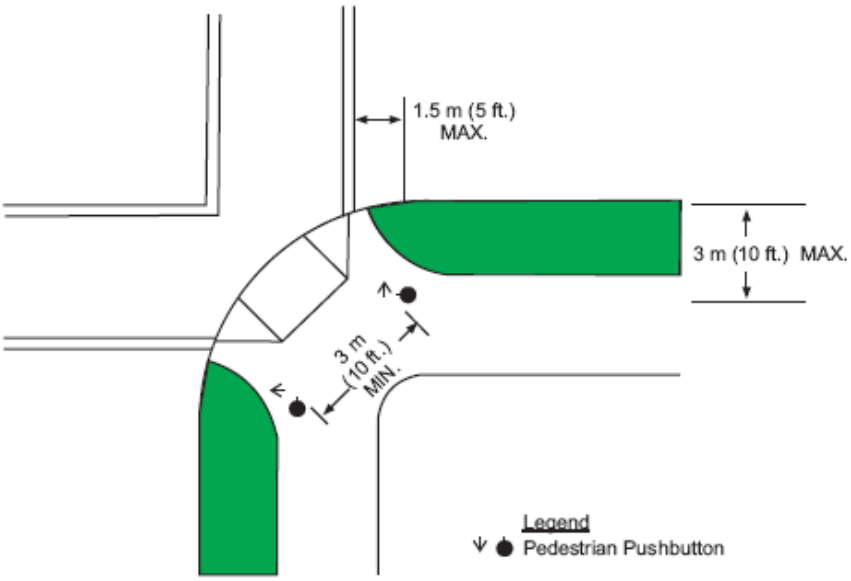
Requests for APS – Select based on the number of requests for APS at the pedestrian crossing being evaluated.

Fig. 5

DRAFT



Two Curb-Cut Ramps



One Curb-Cut Ramp

Figure 4E-2. Recommended Pushbutton Locations for Accessible Pedestrian Signals

Other Pedestrian Crossing Level Issues – Summarize other issues that

may be of interest. This may include: walk times; flashing “don’t walk” times; the shortening of the flashing “don’t walk” under EVP if programmed into the controller; pedestrian and vehicle signing that is associated or near the pedestrian crossing; visual, sensory, and auditory interferences for pedestrians including signs, trees, a structure nearby that emits “loud” noise, fences, walls, etc., that impact a pedestrian accessing or using the pedestrian crossing.

Points are not currently given for other pedestrian crossing level issues but may be given points at the discretion of the City Traffic Engineer. Points are given based on how a pedestrian crossing issue is likely to affect a visually impaired pedestrian.

Other issues which may be given scores based on engineering judgement:

- No yield sign at crosswalk across channelized right turn lane
    - For a channelized right turn lane, a visually impaired pedestrian assumes that they can start crossing at any time and traffic will stop for them, as required by State Law. This is true if the pedestrian crossing is signed or unsigned. A yield sign placed after the crosswalk may divert the driver’s attention away from the crosswalk location. Consequently the yield sign placement may need to be reviewed.
- 2 Pushbuttons on same pole
    - Two (2) pushbuttons installed on the same signal pole may result in difficulty for a visually impaired pedestrian to determine which button goes with which direction. In most circumstances, this will not have any bearing, but it may under select circumstances. Under APS, this type of configuration is even more difficult as the messages and beeping noises mix with each other.
- No truncated domes
    - Truncated domes at crosswalk locations indicate to visually impaired pedestrians where the sidewalk/trail ends and where there is a crossing of a street. The absence of truncated domes may result in the visually impaired pedestrian not realizing that there is a crossing. Truncated domes can also help align pedestrians to the correct path across the street.

<u>Pedestrian Crossing Worksheet Score</u> – Add up the score from this sheet.

<u>Intersection Worksheet Score</u> – Copy the score from the Intersection Worksheet for the intersection that this pedestrian crossing is part of.

<u>Total Pedestrian Crossing Score</u> – Add up the two above Scores.

Copy the Total Pedestrian Crossing Score to the Cover Sheet.

<u>Supplemental Worksheet:</u>

<u>Supplemental Sketch</u> – Use this space if additional sketch space is needed

to note location of objects or references. An aerial photo may be attached in this space. Note if there are any changes in the field from what is shown in the aerial photo.

Supplemental Notes – Use this space for notes that do not fit onto the other Worksheets.

Additional explanation of the variables can be found in NCHRP Project 3-62, 117A.

Step 5: Electronic Copy

An electronic copy of the field evaluation is required to double check the calculations and is then available for changes without requiring a new evaluation should changes occur to the intersection, its characteristics, or operations.

A. Copy the APS Prioritization Tool_Automated.xls file to H:\Traffic\Signals\APS with a folder for the intersection evaluated. Rename the file APS_Street Name_Street Name.xls.

B. Enter and save the data into the forms.

    a. Add an aerial photo of the intersection to the file on the Supplemental Worksheet. Use the drawing toolbar to modify the location of pedestrian crossings or sidewalks if not up-to-date in the aerial photo.

C. Print the forms and add to the paper file.

D. File the field evaluation worksheet forms after the electronic copy is complete. Double-check data entry for errors before filing.

E. Copy the APS_Street Name_Street Name.xls file to the project folder, if the APS evaluation was completed in association with a specific project.

Step 6: Post Evaluation

The pedestrian crossings will receive a score from the worksheets which the City will use to prioritize the installation of APS.

In all instances, other changes are recommended to be implemented and the pedestrian crossing re-evaluated before installation of APS is recommended. Recommended changes include but are not limited to realigning pedestrian crossings, realigning pedestrian ramps and truncated domes, realigning sidewalks, relocating pedestrian pushbuttons, or changing signal operations if possible. Recommended changes can be determined through the APS evaluation process by looking for items in which points are allotted and making changes so fewer or no points are allotted. Recommended changes should be made to reduce the score to as low of a number as possible, not just get below the threshold score.

A. For pedestrian crossings that cross a private drive, a score of 55 or higher indicates that installation of APS would be recommended at the

pedestrian crossing if there are more than 120 vehicles per hour across the pedestrian crossing during the peak hour of the day for the driveway. A crossing of a private drive is considered part of the signalized intersection.

Traffic volume information can be ascertained from a variety of methods.

1) If peak hour counts are available (completed within past 3 years) for the driveway, use those unless the property is proposed for redevelopment or has been redeveloped since the traffic counts.
2) If peak hour counts are not available, use a daily count assuming 10% of the daily traffic occurs during the peak hour unless the property is proposed for redevelopment or has been redeveloped since the traffic counts
3) If no counts are available or the property is proposed for redevelopment or has been redeveloped within the past 3 years and a traffic study has been completed for the property/properties that are associated with the crossing, use the projected numbers.
4) If no numbers can be found using the above methods, use the Institute of Transportation Engineers (ITE) Trip Generation Manual to estimate the counts based on the land use or proposed land use.

B. For pedestrian crossings that cross a channelized right turn lane, a score of 55 or higher indicates that installation of APS and signalization of the channelized right turn lane should be evaluated to assess the viability and driver acceptability of a change (i.e. signalization of the channelized right turn meets the expectation of the driver based on geometry, conflicts, and traffic and pedestrian volumes). This includes the evaluation of traffic operations, sight lines, signing, striping, and the channelized right turn lane geometry. Signal Warrants should also be analyzed under this additional evaluation.

C. For all other pedestrian crossings, a score of 55 or higher indicates that installation of Accessible Pedestrian Signals would be recommended at the pedestrian crossing.

After the evaluation, the pedestrian crossings that meet the above thresholds will be added to a list of pedestrian crossings throughout the City that meet the thresholds for the installation of APS. The highest rated pedestrian crossings will be installed first as the budget allows or as approved by the City Council. If an intersection is being reconstructed or a signal is being revised or installed, pedestrian crossings at those locations may receive APS before higher rated pedestrian crossings.

Step 7: APS Pedestrian Crossing List

The APS Pedestrian Crossing List is a record of the pedestrian crossings evaluated within the City of Bloomington, the pedestrian crossings that meet

the thresholds and are recommended for APS installation as budget allows, and the pedestrian crossings where APS is implemented.

The file is located at H:\Policies & Procedures\Traffic\Accessible Pedestrian Signals Worksheets.

Open the APS Pedestrian Crossing List.xls file.

Input Sheet Tab:

Enter the information highlighted in green from the APS Prioritization Tool Worksheets. If the Major and Minor Street cannot be easily determined, order them alphabetically.

Note which, if any, pedestrian crossings meet the threshold. If a pedestrian crossing location meets the threshold, enter in Priority Sheet tab.

Priority Sheet Tab:

Enter information highlighted in green from the Input Sheet tab. Insert the pedestrian crossing location into the sheet based on how close the pedestrian crossing is to meeting the score, then the actual score. As APS is implemented at pedestrian crossings on this sheet, remove it from the sheet and add it to the Implemented Sheet tab.

If an intersection meets the threshold for APS on one crossing and is within 5% of meeting the threshold at other crossings of the same intersection, it is recommended that the other crossings within 5% also be outfitted with APS.

If more than 50% of the crossings at an intersection meet the threshold for APS, APS is recommended to be installed on all other crossings of the intersection, unless the crossings are of a private drive or a channelized right turn. Providing consistency at an intersection is important for not only a visually impaired pedestrian but all pedestrians. If the majority of pedestrian crossings have APS, there is an expectation that all crossings have APS. The absence of APS, when expected, may result in a visually impaired pedestrian losing their way as they traverse the intersection.

Implemented Sheet Tab:

Enter information highlighted in green from the Priority Sheet tab as APS is implemented at the pedestrian crossing. APS may be implemented for a pedestrian crossing even if they are not on the Priority Sheet. Insert the pedestrian crossing location into the sheet based on date implemented, group an intersection together if possible.

MnDOT ADA Compliance Checklist for Curb Ramps - Guidance

1) A continuous clear width pedestrian access route (PAR) shall be **4 foot minimum**, exclusive of the width of the curb, in every direction of travel. The cross slope along all PARs shall not exceed **2.0%**.

2 & 3) Record the landing slopes and dimensions. The landing must not have a slope greater than **2.0%** in any direction and must be a minimum 4' X 4'.

4) Check the landing locations. Landings shall be located anywhere the pedestrian access route changes direction; at the top of ramps that have a running slope greater than 5.0%; and if the approaching walk is inverse grade.

> Some corners may have multiple ramps and multiple landings to get from the street elevation up to the adjacent sidewalk elevation. If this is the case, be sure to check all ramps, landing areas, and newly poured sidewalks for compliance.

5) Record the largest running slope (i.e. slope in the direction of travel) value after checking a couple of locations on the ramp. This must be less than or equal to **8.3%** (or 1 inch per foot). Use a **10 foot** straight edge with a smart level to check this.

6 & 7) Record the largest cross slope (i.e. slope perpendicular to the direction of travel) value after checking a few locations on the ramp. This must be less than or equal to **2.0%.** In cases where the grade of the gutter flow line exceeds 2.0%, the ramp cross slope adjacent to the gutter may exceed 2.0% but must not exceed the slope of the flow line and must transition to a 2.0% cross slope as soon as is practical. Be sure to document this condition when it exists. Check gutter flow line slope and inslope at the bottom of each ramp. The gutter flow line slope should not exceed 2.0% when practicable. The gutter inslope must meet the applicable standard from Sheet 3 of 5 of the Pedestrian Curb Ramp Details Standard Plans (5-297.250).

8) When checking the running slope with a 10 foot straight edge, make sure the surface is compliant with **Spec. 2521.3C**, which says "The surface shall not vary more than **3/16"** from a **10 foot** straight edge." Look for any bellies or ridges in the concrete ramp surface greater than **3/16"**. Also, the joints in the walk should be finished with a **1/4"** radius jointing/edging tool or saw cut, and contraction joints should be approximately **1/8"** wide per **Spec. 2521.3C**.

9) Check truncated dome placement and orientation. If the ramp is directional the domes should be oriented in the direction of travel within the allowable set back limits, and in accordance with the applicable standard from Sheet 2 of 5 of the Pedestrian Curb Ramp Details Standard Plans (5-297.250).

A minimum 4’ width of truncated domes is required for all ramps openings for a minimum 24’’ continuous length in the path of travel. Truncated domes shall extend the full width of the ramp, landing, or blended transition within 3” on each end (between the edge of domes and beginning of curb taper). Radial detectable warnings shall be set back 3”-6” from back of curb / edge of roadway. On rural ramps with no curb, domes shall be set in concrete 1’ back from edge of roadway with 3’’ on the sides, and 1’ minimum behind domes for visual contrast.

Whenever rectangular detectable warnings are placed around a radius, they may be set back up to 9” from back of curb in the middle of the ramp and 3” at the corners. If 9” setback is exceeded, use radial detectable warnings.

10) After a rain event, check the completed ramps to make sure that neither the ramps nor the gutters are holding water and everything appears to be draining properly.

11) Vertical discontinuities (i.e. trip hazards) greater than ¼” are unacceptable. Any vertical discontinuities between ¼”- ½” may be beveled at a maximum 1:2 slope. All beveling of concrete requires Engineers approval and is not recommended. If any vertical discontinuities are greater than ½ ”, the panel or curb and gutter must be removed and replaced.

12) If any portion of the ramp is not compliant, be sure to document the pre-construction and post-construction ramp conditions and explain why the ramp cannot be fully compliant. Include photos with documentation. Also, circle one of the given reasons that best describes why the ramp isn’t compliant.

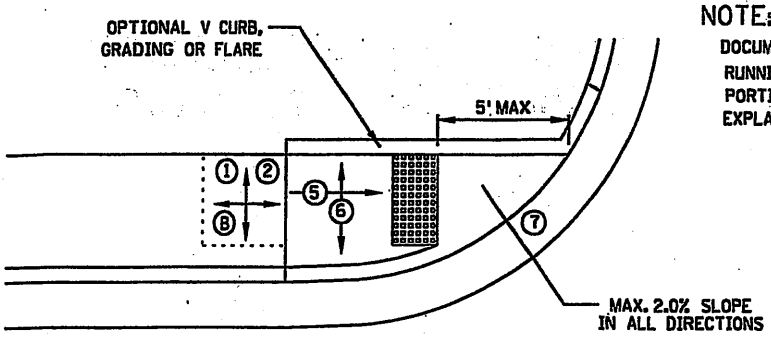
A) Surrounding Geography – The ramp couldn’t be constructed compliantly because of the surrounding geography. Examples: the walkway had to tie into nearby entrances or steps; the gutter flow line in front of truncated domes is too steep to maintain a compliant ramp cross slope; or it is impossible to construct the ramps using maximum running slopes within 30 feet from the back of curb.

B) Limited Scope of Project – Upgrading the ramp to meet standards would have required work that is outside the scope of this project. Examples: utilities, such as fire hydrants, street light poles, traffic signal poles, manholes or vaults, could not be moved as part of this project; standalone ADA projects without adjacent pavement work that limit curb line elevation changes; lack of available right-of-way; or an agreement could not be reached with the property owner.

C) Contractor Performance – The ramp could have been constructed compliantly, but the contractor did not properly construct the ramp in accordance with provision 1803 Special Project ADA Requirements. *If any compliance standards are not met due to contractor performance, rework is required before the project is substantially complete. See Specification 1503 (Conformity with Plans and Specifications) for further justification.*

PEDESTRIAN CURB RAMP TYPES

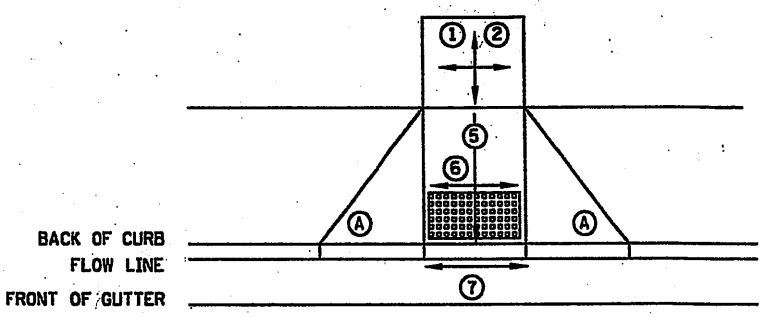
ONE-WAY DIRECTIONAL RAMP



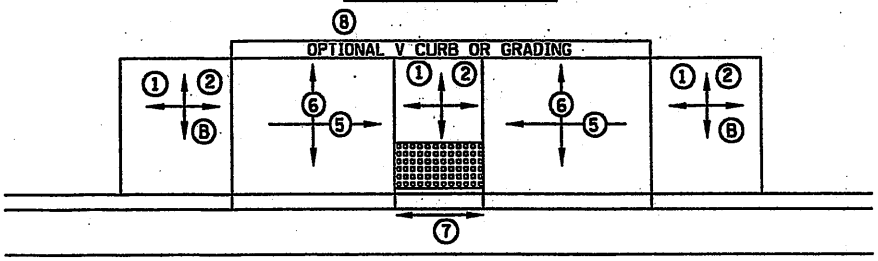
NOTE:

DOCUMENTATION SHALL RECORD THE LARGEST CROSS SLOPE VALUE AND RUNNING SLOPE VALUE AFTER CHECKING SEVERAL LOCATIONS. IF ANY PORTION OF THE RAMP IS NON-COMPLIANT PROVIDE A DETAILED EXPLANATION WHY RAMP CANNOT BE CONSTRUCTED FULLY COMPLIANT.

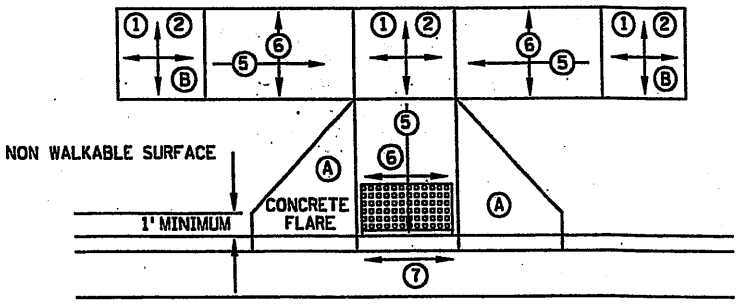
PERPENDICULAR RAMP



PARALLEL RAMP



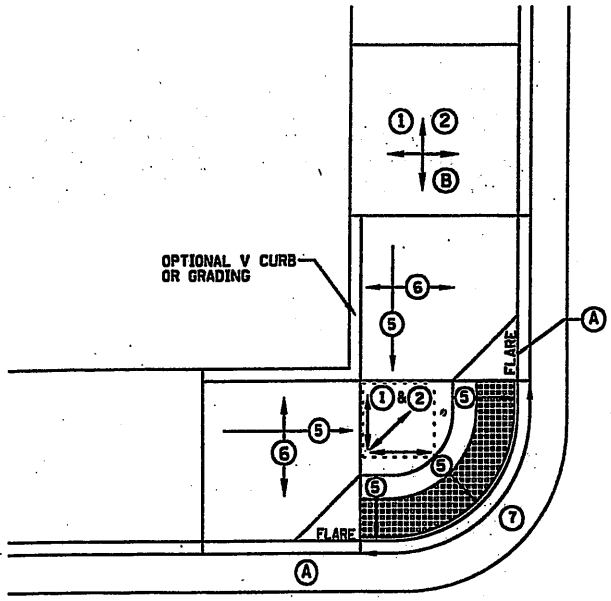
TIERED PERPENDICULAR RAMP



Ⓐ CONCRETE FLARE SHALL BE 8%-10% WHEN ADJACENT TO WALKABLE SURFACES, A PAVED FLARE SHOULD BE 2'-3' WHEN ADJACENT TO NON-WALKABLE SURFACES WHILE A GRADED FLARE SHOULD BE 1:6.

Ⓑ IF LONGITUDINAL SLOPE IS GREATER THAN 5% , 4'x4' MIN. LANDIN WITH MAX. 2% SLOPE IN ALL DIRECTION IS REQUIRED.

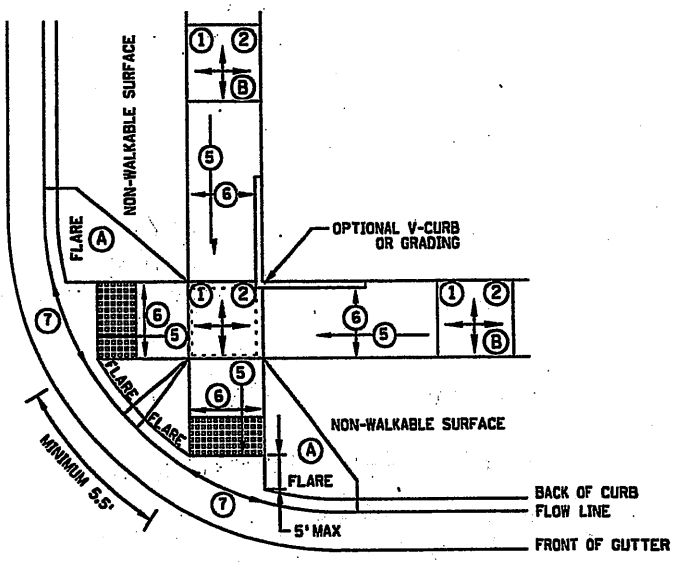
PEDESTRIAN CURB RAMP TYPES



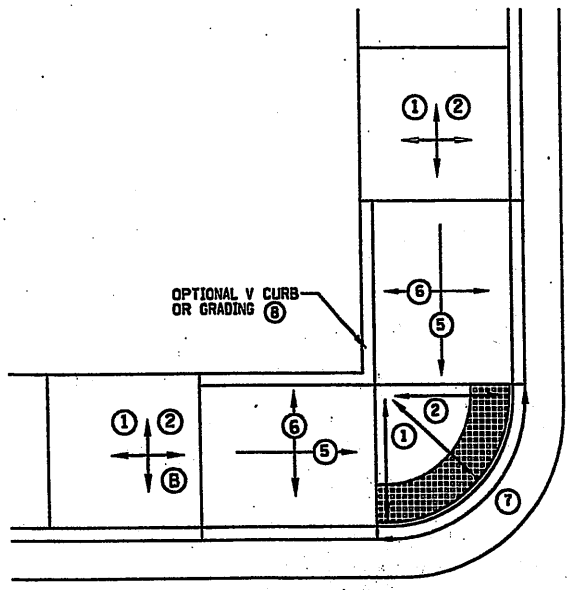
FAN

NOTE:

DOCUMENTATION SHALL RECORD THE LARGEST CROSS SLOPE VALUE AND RUNNING SLOPE VALUE AFTER CHECKING SEVERAL LOCATIONS. IF ANY PORTION OF THE RAMP IS NON-COMPLIANT PROVIDE A DETAILED EXPLANATION WHY RAMP CANNOT BE CONSTRUCTED FULLY COMPLIANT.



COMBINED DIRECTIONAL



DEPRESSED CORNER

(A) CONCRETE FLARE SHALL BE 8%-10% WHEN ADJACENT TO WALKABLE SURFACES, A PAVED FLARE SHOULD BE 2'-3' WHEN ADJACENT TO NON-WALKABLE SURFACES WHILE A GRADED FLARE SHOULD BE 1:6.

(B) IF LONGITUDINAL SLOPE IS GREATER THAN 5%, 4'x4' MIN. LANDIN WITH MAX. 2% SLOPE IN ALL DIRECTION IS REQUIRED.

Author: Todd Grugel
Date Revised: 1/30/13

MnDOT ADA Compliance Checklist for Curb Ramps

S.P.:_____ **Construction Date:** _____

Intersection: _____ **Quadrant:** _____

Ramp Type: _____

Attach a photo of the completed quadrant and email completed checklist to *DOT_ADA Compliance Checklists (or ADAComplianceChecklists.dot@state.mn.us).

1) Is a minimum 4' wide pedestrian access route (PAR) maintained? YES NO _____

2) Landing slopes: _____ (TH) _____ (TH) _____ (SS) _____ (SS)

TH = Trunk Highway
SS = Side Street

3) Are landing dimensions a minimum 4' X 4'? YES NO

4) Are landing(s) located at the top of each ramp and at change(s) in direction and at inverse grades? YES NO

5) Ramp's running slope: _____ (TH) _____ (TH) _____ (SS) _____ (SS)

6) Ramp's cross slope: _____ (TH) _____ (TH) _____ (SS) _____ (SS)

7) Gutter flow line slope and inslope: _____ (TH) _____ (TH) _____ (SS) _____ (SS)

8) Do ramps comply with Spec 2521.3? YES NO Comments: _____

9) Do truncated domes cover the entire curb opening and are they properly oriented? YES NO _____

10) Are gutter line and ramps draining properly and not holding water (check after rain event)? YES NO

11) Are there any vertical discontinuities greater than 1/4"? YES NO _____

12) Are ramps fully compliant? YES NO If no, circle one of the following reasons why. Explain why the ramp didn't meet compliance and how the ramp has been improved from the pre-construction condition (see ADA Compliance Checklist Guidance for additional directions and attach pages if needed):

A) Surrounding Geography B) Limited Scope of Project C) Contractor Performance

Printed Name: _____

Signature: _____

Date: _____

Design Guidelines

Pedestrian Access Routes

Minimum Design Standards

- Width- 4' minimum exclusive of curb width (Note: this is the ADA requirement for clear accessible route and should not be confused with the minimum 6’ or 8’ sidewalk width required by the Bloomington City Code)
    - Additional maneuvering space should be provided at turns or changes of direction, transit stops, recesses and alcoves, building entrances, and along curved or angled routes, particularly where the grade exceeds 5% (Advisory R302.3).
- Passing Spaces- If the walkway is less than 5 feet wide, passing spaces 5 feet x 5 feet minimum must be provided at intervals of 200', except in existing cases where the walk is four feet wide and existing right-of-way/easements do not allow for the minimum. (If this is less than minimum it will need to be documented for City records)
- Cross Slope- 2% maximum
- If the walkway is contained within street its grade shall not exceed the general grade established for the adjacent street or highway. (Most applicable for situations requiring a Temporary Pedestrian Access Route during construction.) The walkway must be on the roadway and marked or signed as a separate space for non-motorized travel.
- If the walkway is not contained within a street its grade shall not exceed 5%.
    - The grade of the walkway is measured parallel to the direction of pedestrian travel (Advisory R302.5).
- Surfaces – Firm, stable, slip resistant and chosen for easy ‘rollability’ (Advisory R302.7.1)
- Vertical Lips- ¼ inch -1/2 inch beveled 1:2 up to ½ inch maximum or treat as ramp
- A 4” maximum projection for post or wall mounted object. If an object extends further it needs to be protected by a 6” curb to direct people around it or place extenders down to 27” so a person can detect the object with a cane.
- Horizontal Gaps- 1/2" sphere cannot pass through opening
    - Elongated openings in gratings shall be placed perpendicular to path of travel
- Horizontal Gaps at Freight Tracks- 3 inch maximum
- Horizontal Gaps at Non-Freight Tracks- 2.5 inch maximum
- Pedestrian Refuge Islands: Clear width, 5’ minimum, 6’ preferred. If smaller than 6’ do not install truncated domes since it is not sized to provide refuge for two wheelchairs.

- Transit stops: Need a minimum of 8’ (4’ for the offloader on the bus and then a 4’ landing area)

R205 Alternate Pedestrian Access Routes. When a pedestrian circulation path is temporarily closed by construction, alterations, maintenance operations, or other conditions, an alternate pedestrian access route complying with sections 6D.01, 6D.02, and 6G.05 of the MUTCD (incorporated by reference, see R104.2) shall be provided. Where provided, pedestrian barricades and channelizing devices shall comply with sections 6F.63, 6F.68, and 6F.71 of the MUTCD (incorporated by reference, see R104.2). The Pedestrian Accessibility Considerations in Temporary Traffic Control Zone Check List that is currently in draft format should be completed (See MnMUTCD Part 6)

Curb Ramps / Blended Transitions

Curb Ramps

- Width: 4ft minimum
- Turning Space: 4ft by 4ft minimum space provided at the top of the curb ramp, unless it is a parallel ramp where the turning space is located at the bottom of the curb ramp.
    - Turning space running slope: 2% maximum
- Running slope: 5% minimum, 8.3% maximum, but the ramp length shall not exceed 15ft.
- Clear Space: At the bottom curb face, 4' x 4' minimum within the width of the crosswalk and wholly outside the parallel vehicle travel lane
- Grade Breaks: Must be perpendicular to the direction of the ramp surface, but are not permitted on the surface of ramp runs and turning spaces. (To prevent uneven wheels
- Cross Slope: 2% maximum
- Counter Slope: 5% maximum
- Side flares are not necessary if next to a non-walkable surface. If pavers or colored stamped concrete are used, a flare will be necessary since people will consider it a walkable surface. The default should be to use a flare if there is any doubt.
- Diagonal curb ramps should only be used in alterations. Perpendicular, parallel and combination ramps are preferred.
- Perpendicular Curb Ramp: Is generally perpendicular to the curb and users will generally be traveling perpendicular to vehicular traffic when they enter the street at the bottom of the ramp.
    - Can be used where the sidewalk is at least 12ft wide (Advisory R304.1)
    - Perpendicular Curb Ramp Flared sides: Sloped 10% maximum
- Parallel Curb Ramp: A parallel curb ramp has two ramps leading down towards a center level landing at the bottom between both ramps with a level landing at the top of each ramp. A parallel curb ramp is one that is oriented so that the path of travel on the ramp is parallel to the vehicular path of travel on the adjacent street and the user’s path of travel on the sidewalk.
    - Can be used where the sidewalk is at least 4ft wide (Advisory R304.1)

- Diagonal Curb Ramp: Is generally placed with only one curb ramp at a corner to cover both crossing directions. It is the least ideal alternative, but space restrictions may dictate its use.
    - Diagonal Curb Ramp Flared sides: Sloped 10% maximum
    - Needs 4'x4' maneuvering space in the road which has to be sloped 2% in each direction.

Detectable Warning Surfaces

- Where required:
    - Curb ramps and blended transitions at pedestrian street crossings;
    - Pedestrian refuge islands (provided they are a minimum of 6' wide);
    - Pedestrian at-grade rail crossings not located within a street or highway;
    - Boarding platforms at transit stops for buses and rail vehicles where the edges of the boarding platform are not protected by screens or guards; and
    - Boarding and alighting areas at sidewalk or street level transit stops for rail vehicles where the side of the boarding and alighting areas facing the rail vehicles is not protected by screens or guards.
- Where NOT required:
    - At pedestrian refuge islands that are cut-through at street level and are less than 6ft in length in the direction of pedestrian travel.
- Detectable warning surfaces shall contrast visually with adjacent surfaces
- Size: Detectable warning surfaces shall extend 2ft minimum in the direction of pedestrian travel.
    - They shall also extend the full width of the ramp run (excluding flared sides), blended transition, or turning space

Mn/DOT Approved Product List (as of 3/12/15)

DURALAST Cast Iron: Coated or Uncoated
ej (Formerly East Jordan Iron Works)
800-874-4100
http://www.ejiw.com

Cast Iron: Coated or Uncoated
Neenah Foundry Co.
800-252-5801
http://www.nfco.com

IRON PED Cast Iron: Coated or Uncoated
Mfg. by Neenah Foundry Co.
763-478-8128
http://www.ironped.com

CAST-DWD or CAST CORP Cast Iron: Coated or Uncoated
Cast Corporation
218-263-8510
http://www.castcorporation.com

CAST-DWD: Coated or Uncoated
Pioneer Detectable, LLC
262-370-5355
http://www.metadome.com

Advantage Cast Iron: Coated or Uncoated
Mfg. by Neenah Foundry Co.
800-682-2525
http://advantage-castiron.com
Duratek-CI: Uncoated
Detectile Corp
312-213-1507
http://www.detectile.com

TufTile Cast Iron Tiles: Coated or Uncoated
TufTile ADA Tactile Products
888-960-8897
http://www.tuftile.com

Note: Federal Aid Projects required US Code of Federal Regulations 23CFR635.410, the "Buy American Steel and Iron Regulation" be followed. The iron detectable warning surfaces on this list may or may not be made in the USA. It is the contractor's responsibility to ascertain the country of origin before installing or purchasing detectable warning surfaces, if the above regulation applies.

Accessible Pedestrian Signals
Pedestrian Intervals
All pedestrian signal phase timing shall comply with section 4E.06 of the MMUTCD and should be based on a pedestrian clearance time that is calculated using a pedestrian walking speed of 1.1 m/s (3.5 ft/s) or less.
Accessible Pedestrian Signals
Pedestrian Pushbuttons

Street Furniture
- Maintain a 36" continuous pedestrian access route around street furniture. In areas where the City of Bloomington performs the snow removal this should be increased to 60".

Dual Height Drinking Fountains
- Spout 1- 36 inch maximum spout height with knee clearance
- Spout 2- 38 inches- 43 inches spout height

Tables
- Minimum 5% (minimum of 1) must be accessible at each location

Benches
- Benches- 50% minimum (minimum of 1) at each location must provide space for a wheelchair positioned at the end providing shoulder to shoulder seating
- Bench design- Seat height 17 inches – 19 inches at front edge

Public Parking
Street Parking

Requirements for street parking apply only to marked or metered street parking. When on-street parking is marked or metered, accessible parking spaces complying with R308 shall be provided on the block perimeter in accordance with Table R216. (In the Draft Public Right of Way Document)

Parking Lots *(MN1341 1106.1, 502)*

- Parking Space Width - 8' minimum
- Access Aisle Width - 8' minimum
- Access Aisle Markings- striped the full length of the parking space, indicate "no parking" (sign or painted on surface)
- Slope- 1:48 maximum in all directions for entire space and access aisle
- Vertical Clearance- 96" minimum
- Signage
    - Centered at head end of the parking space
    - 96" maximum from head end of the space
    - 60"-66" above the parking surface to the bottom of the sign

Note- In Minnesota, all access aisles are 8' wide (no 5' wide aisles) based on the current building code.

Pedestrian Overpasses / Underpasses
Approach

- Where the approach slope exceeds 5%, the approach shall be one of the following:
- Ramp with 4' minimum width
- Elevator
- Limited use/limited application elevator (LULA)
- Platform lift

Stairs
If stairs are provided in addition to ramp, elevator, LULA or platform lift, they must comply with R407, including:

- Uniform treads and risers
- Risers- 4" minimum - 7" maximum
- Treads- 11" minimum
- Open risers are not permitted
- Tread Surface- 2" minimum width of contrasting color on the front edge of each tread
- Nosing- curved, 1/2" maximum or angled
- Handrails- required on both sides
- Handrail height- 34" - 38" above surface
- Handrail clearance- 38" minimum between handrails

Pedestrian Accessibility Considerations in Temporary Traffic Control Zones
Check List

This project has been reviewed for the various temporary traffic control provisions for pedestrian accessibility considerations contained in MN MUTCD Part 6. These provisions have been applied by knowledgeable persons after appropriate evaluation and engineering judgment. Considerations as listed below have been reviewed and where applicable, deviations and/or exceptions from Part 6 are documented.

Engineer's Signature : _____ **Date :** _____

Project Number: _____ **Project Location:** _____

IS IT REASONABLE TO EXPECT THAT PEDESTRIANS WILL BE PRESENT WITHIN THE VICINITY OF THE PROPOSED TEMPORARY TRAFFIC CONTROL ZONE?

Consider features such as schools, parks, paths / trails, transit stops, commercial property, residential areas, assisted living centers, office complexes, or other pedestrian generators in the area. Special events during the time of construction must also be considered, such as community festivals or other unusual situations that generate temporary pedestrian traffic.

☐ **YES** - complete the following checklist
☐ **NO** - document your conclusion

MN MUTCD 6D.01 Standard:
The needs and control of all road users (motorists, bicyclists, and pedestrians within the highway, including persons with disabilities in accordance with the Americans with Disabilities Act of 1990 (ADA), Title II, Paragraph 35.130) through a temporary traffic control zone shall be an essential part of highway construction, utility work, maintenance operations, and the management of traffic incidents.

MN MUTCD 6D.02 Standard:
When existing pedestrian facilities (routes) are disrupted, closed, or relocated in a temporary traffic control zone, the temporary facilities **shall be** detectable and include accessibility features consistent with the features present in the existing pedestrian facility.

Guidance:
To accommodate the needs of pedestrians, including those with disabilities, many considerations should be addressed when temporary pedestrian pathways in temporary traffic control zones are designed or modified. Use the following checklist to document your decisions. **Refer to the MN MUTCD Part 6 for additional standards, and guidance and/or clarification on pedestrian and ADA requirements in temporary traffic control zones.**

A. Will a reasonably safe, convenient, and accessible path be provided that replicates as much as practical the desirable characteristics of the existing pedestrian facilities?
☐ **YES** ☐ **NO (partially) document your decision**

B. Will access be provided to current or temporary transit stops?
☐ **YES** ☐ **NO (partially) document your decision**

C. Will all pedestrian facilities near temporary traffic control zones be separated from the worksite by appropriate barriers that maintain the accessibility and detectability for pedestrians with disabilities?
☐ **YES** ☐ **NO (partially) document your decision**

Figure 6D-1 Pedestrian Accessibility Checklist

(Sheet 1 of 2)

D. Will blocked routes, alternate crossings, sign and signal information be communicated to pedestrians with visual disabilities?

- Devices should include audible information devices, accessible pedestrian signals, or barriers / channelizing devices that are detectable to the pedestrians traveling with the aid of a long cane or who have low vision.
- Where pedestrian traffic is detoured to a temporary traffic control signal, engineering judgment should be used to determine if pedestrian signals or accessible pedestrian signals should be considered for crossings along an alternate route.

☐ YES ☐ **NO (partially) document your decision**

E. Will sidewalk(s) be closed properly with advance notification to the maintaining agency?

- Advance notification of sidewalk closures **shall be** provided to the maintaining agency.
- Where pedestrians with visual disabilities normally use a closed sidewalk, a barrier that is detectable by a person with a visual disability traveling with the aid of a long cane **shall be** placed across the full width of the closed sidewalk.

☐ YES ☐ **NO (partially) document your decision**

F. Will channelization with continuous edging be used to delineate a pedestrian pathway throughout the length of the facility such that pedestrians using a long cane can follow it?

- These detectable edgings should adhere to the provisions of Section 6F.68.

☐ YES ☐ **NO (partially) document your decision**

G. Will a smooth, continuous hard surface that will not cause tripping or restrict wheelchair use be provided throughout the entire length of the temporary pedestrian facility?

☐ YES ☐ **NO (partially) document your decision**

H. Will the width of the existing pedestrian facility be provided for the temporary facility?

- Where it is not possible to maintain a minimum width of 1500 mm (60 in) throughout the entire length of the pedestrian pathway, a 1500x1500 mm (60 x 60 in) passing space should be provided at least every 60 m (200 ft), to allow individuals in wheelchairs to pass.

☐ YES ☐ **NO (partially) document your decision**

I. Will traffic control devices and other construction materials and features NOT intrude into the usable width of the sidewalk, temporary pathway, or other pedestrian facility?

- Signs and other devices mounted lower than 2.1 m (7 ft) above the temporary pedestrian pathway should not project more than 100 mm (4 in) into accessible pedestrian facilities.
- Barricade rail supports should not project into pedestrian circulation routes more than 100 mm (4 in) from the support between 675 mm (27 in) and 2000 mm (80 in) from the surface. Ballast **shall not** extend into the accessible passage width of 1500 mm (60 in). Refer to Section 6F.63 for more details.

☐ YES ☐ **NO (partially) document your decision**

Figure 6D-1 Pedestrian Accessibility Checklist

(Sheet 2 of 2)

Corner Refuge Island Data Collection Form

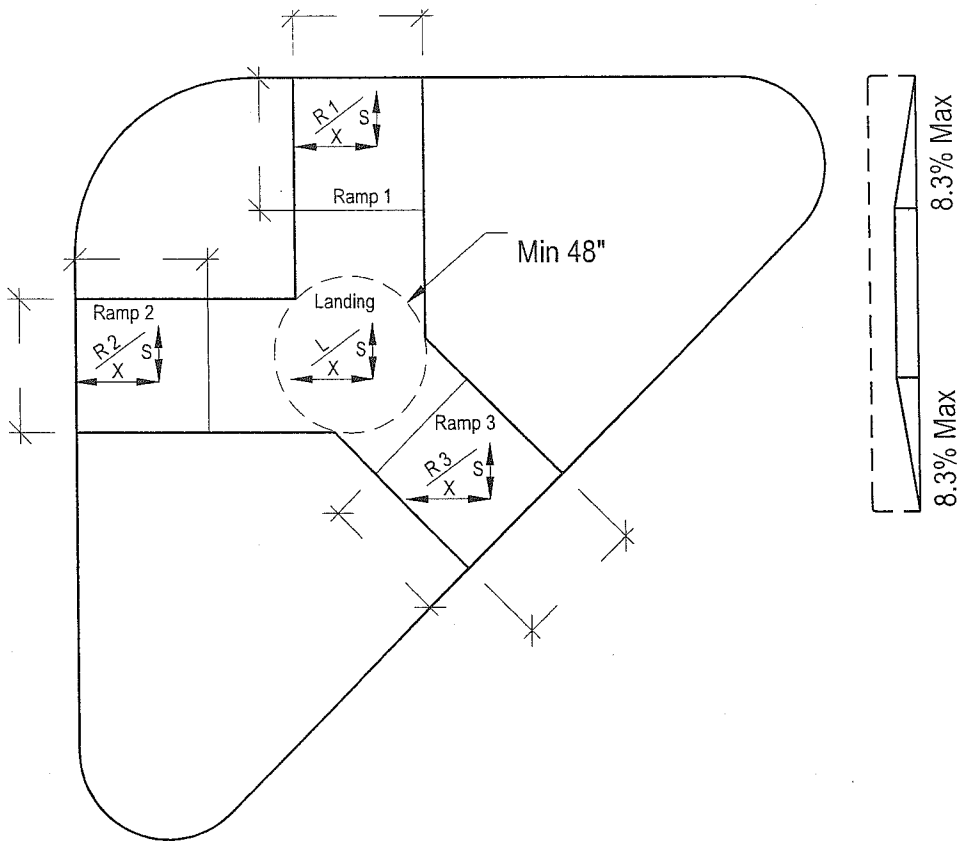
Date _____ Data Recorder _____

CORNER REFUGE ISLAND LOCATION

Street Name _____ Side of Street N S W E

Cross Street _____ Indicate Corner of Intersection N S W E / NW NE SW SE

GPS Coordinates N/S E/W _____ Adjacent Property Description _____



CORNER REFUGE ISLAND CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form then indicate the location on drawing.

Refuge Island Type:	Surface Material Type:	Recommended Action:	
☐ Ramped	☐ Asphalt	☐ Repair	☐ Construct
☐ Cut-Through	☐ Concrete	☐ Reconstruct	☐ Monitor
	☐ Other:_____	☐ Other:_____	

Center Refuge Island Data Collection Form

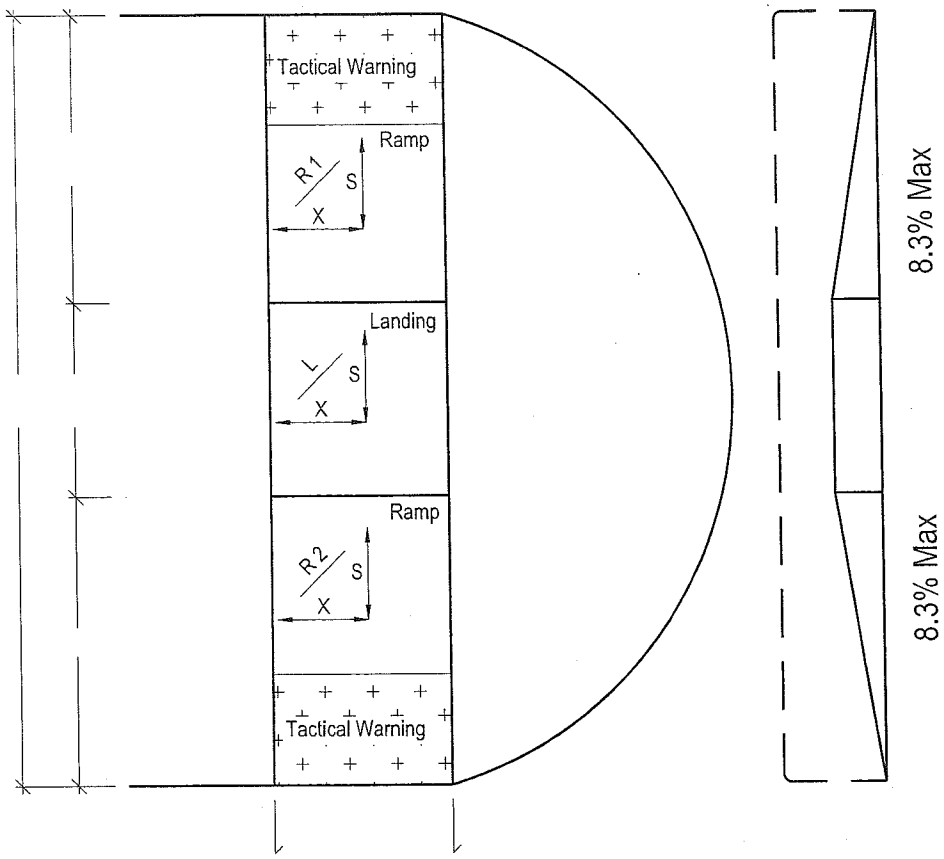
Date _____ Data Recorder _____

CENTER REFUGE ISLAND LOCATION

Street Name _____ Direction of Median from Cross Street N S W E

Cross Street _____

GPS Coordinates N/S _____ E/W _____ Adjacent Property Description _____



CENTER REFUGE ISLAND CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form, then indicate the location on drawing.

Refuge Island Type:	Surface Material Type:	Recommended Action:	
☐ Ramped	☐ Asphalt	☐ Repair	☐ Construct
☐ Cut-Through	☐ Concrete	☐ Reconstruct	☐ Monitor
	☐ Other:_____	☐ Other:_____	

Curb Ramp Data Collection Form

Date _____ Data Recorder _____

CURB RAMP LOCATION

Street Name _____

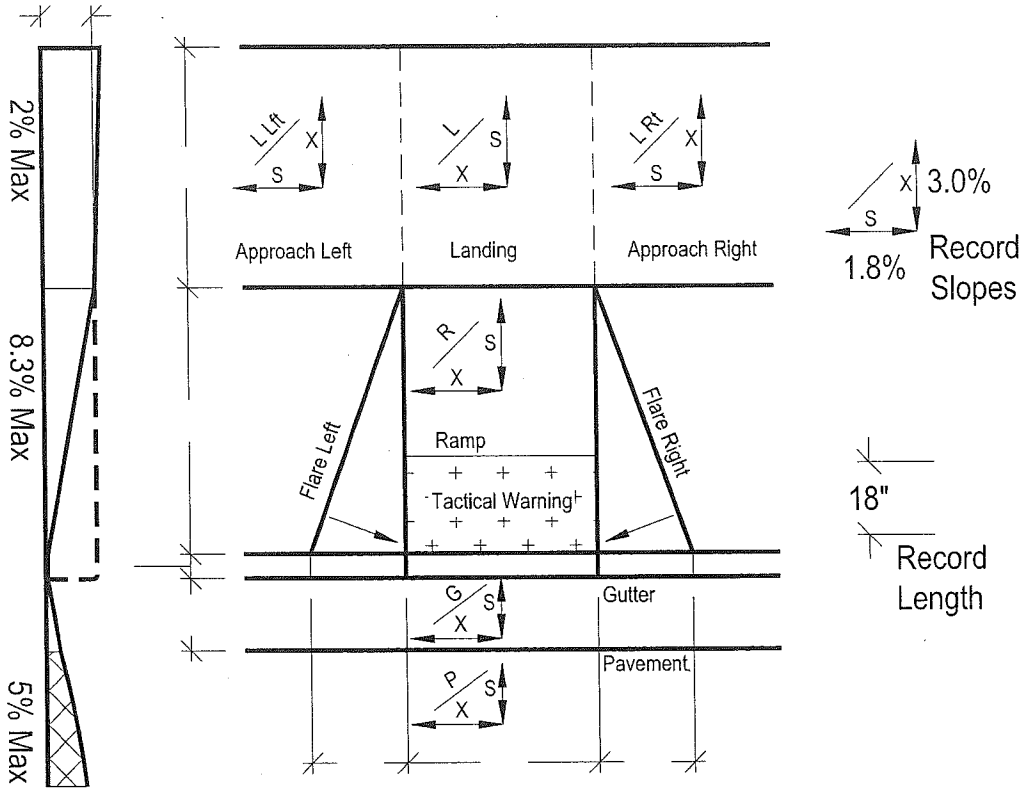
Side of Street N S W E

Nearest Cross Street(s) _____

Indicate Corner of Intersection N S W E NW NE SW SE

GPS Coordinates _____ N/S E/W

Adjacent Property Description _____



CURB RAMP CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form, then indicate the location on drawing.

Curb Ramp Type:	Surface Material Type:	Recommended Action:	
☐ Diagonal	☐ Asphalt	☐ Repair	☐ Construct
☐ Perpendicular	☐ Concrete	☐ Reconstruct	☐ Monitor
	☐ Other:_____	☐ Other:_____	

Curb Ramp- Parallel Data Collection Form

Date _____ Data Recorder _____

CURB RAMP- PARALLEL LOCATION

Street Name _____

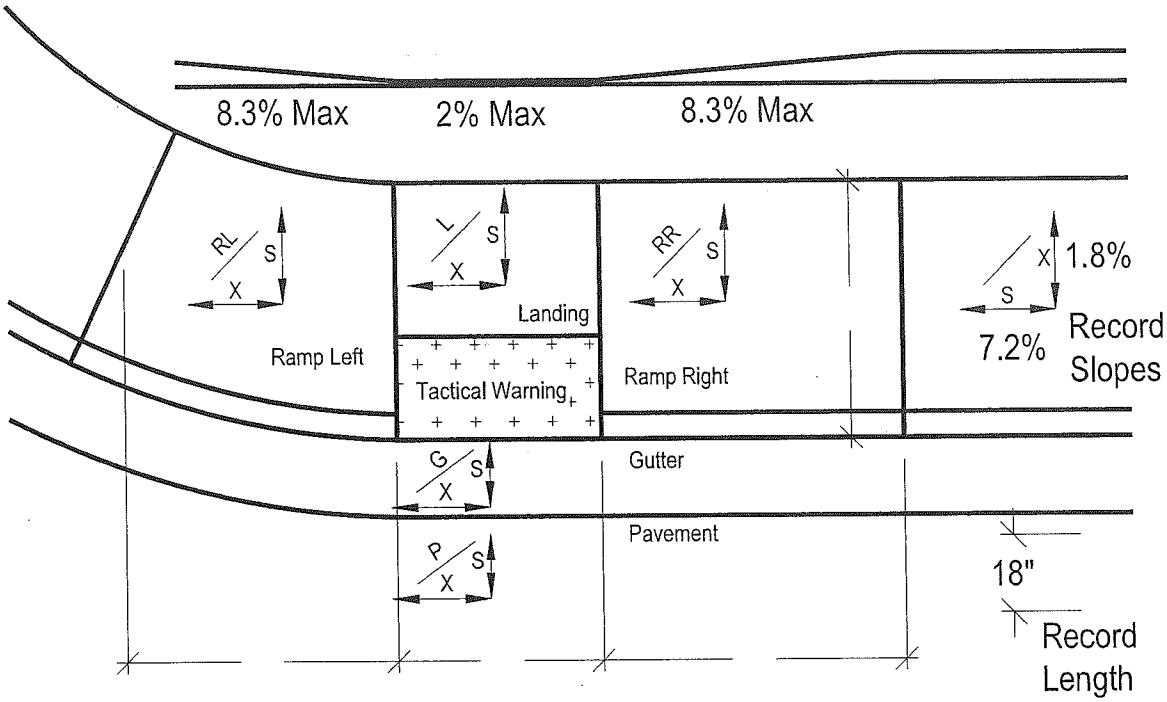
Nearest Cross Street(s) _____

GPS Coordinates _____ N/S _____ E/W _____

Side of Street N S W E

Indicate Corner of Intersection N S W E / NW NE SW SE

Adjacent Property Description _____



CURB RAMP- PARALLEL CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form, then indicate the location on drawing.

Curb Ramp Type:	Surface Material Type:	Recommended Action:	
☐ Diagonal	☐ Asphalt	☐ Repair	☐ Construct
☒ Parallel	☐ Concrete	☐ Reconstruct	☐ Monitor
	☐ Other:_____	☐ Other:_____	

Driveway Data Collection Form

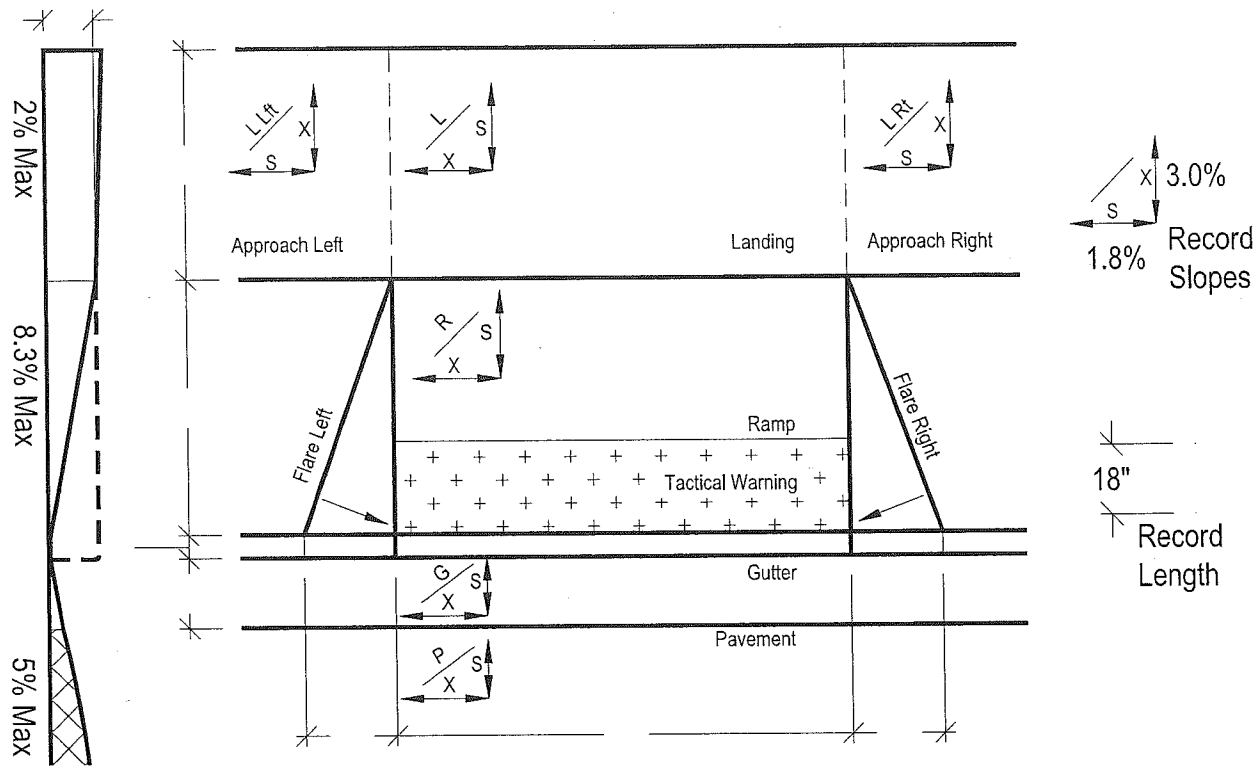
Date _____ Data Recorder _____

DRIVEWAY LOCATION

Street Name _____ Side of Street N S W E

Nearest Cross Street(s) _____

GPS Coordinates N/S _____ E/W _____ Adjacent Property Description _____



DRIVEWAY CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form, then indicate the location on drawing.

Driveway Type:	Surface Material Type:	Recommended Action:	
☐ Offset Sidewalk	☐ Asphalt	☐ Repair	☐ Construct
☐ Parallel Approach	☐ Concrete	☐ Reconstruct	☐ Monitor
	☐ Other:_____	☐ Other:_____	

Driveway- Setback Data Collection Form

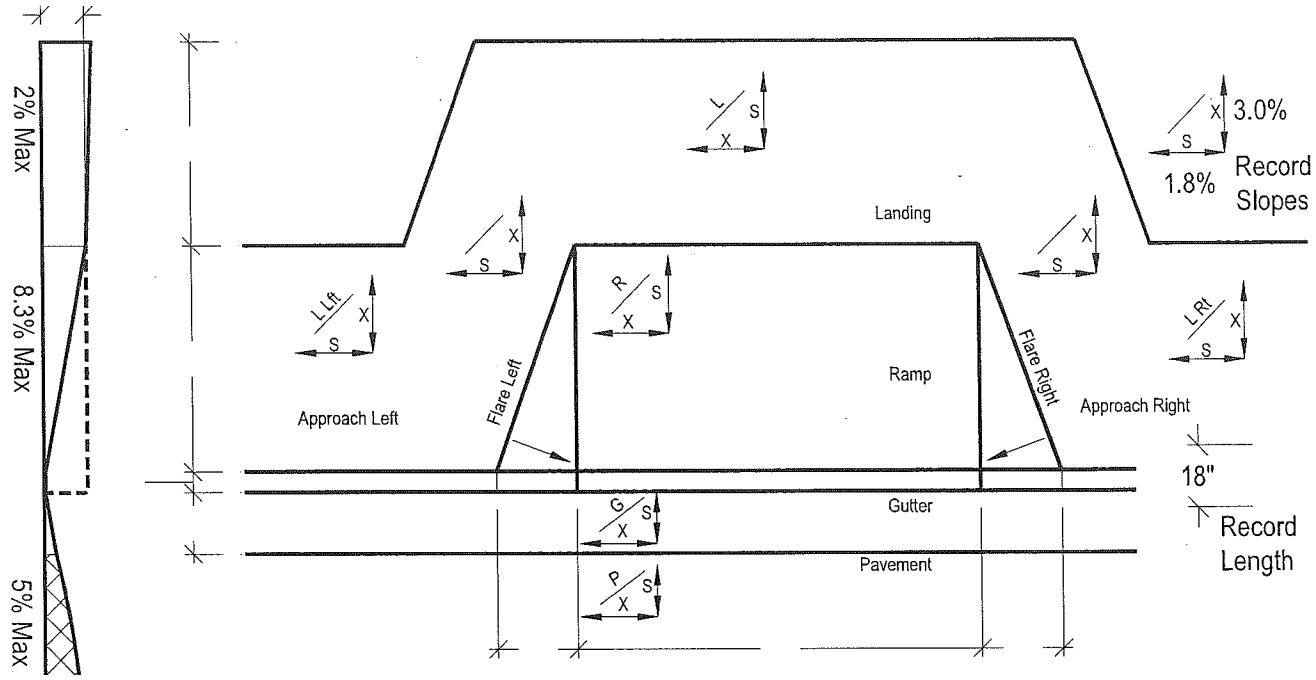
Date _____ Data Recorder _____

DRIVEWAY- SETBACK LOCATION

Street Name _____ Side of Street N S W E

Nearest Cross Street(s) _____

GPS Coordinates _____ N/S E/W Adjacent Property Description _____



DRIVEWAY- SETBACK CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form, then indicate the location on drawing.

Driveway Type:	Surface Material Type:	Recommended Action:	
☒ Setback Sidewalk	☐ Asphalt	☐ Repair	☐ Construct
	☐ Concrete	☐ Reconstruct	☐ Monitor
	☐ Other:_____	☐ Other:_____	

Bus Stop Data Collection Form

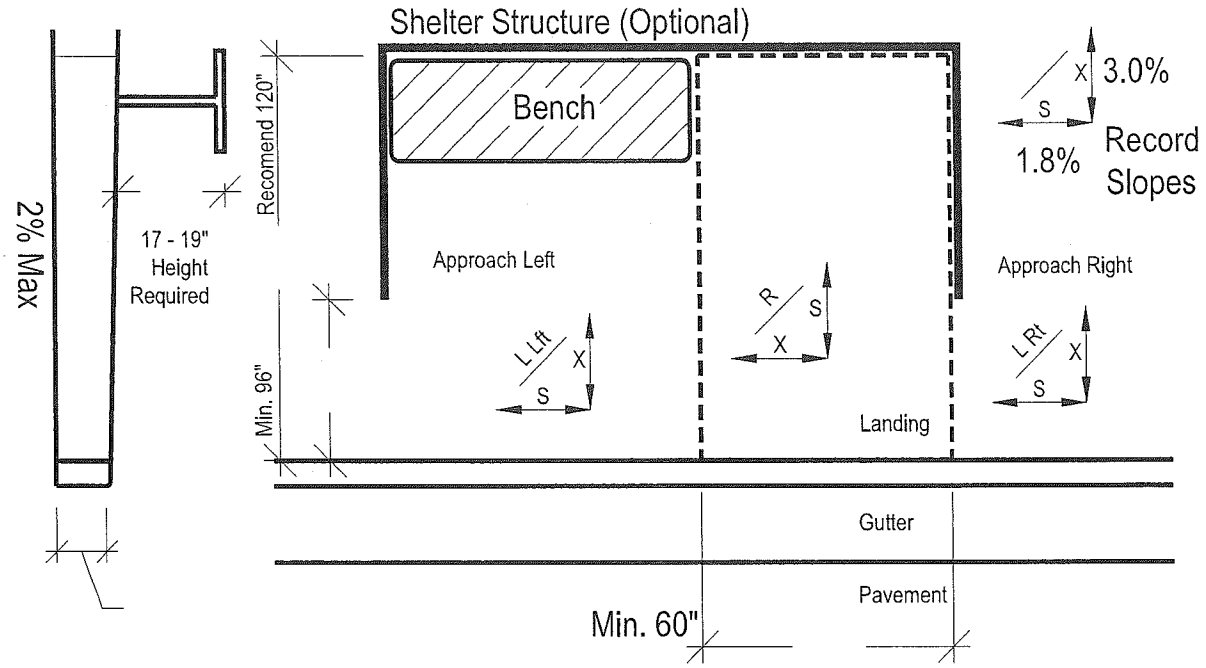
Date _____ Data Recorder _____

BUS STOP LOCATION

Street Name _____ Side of Street N S W E

Nearest Cross Street(s) _____

GPS Coordinates _____ N/S E/W Adjacent Property Description _____



BUS STOP CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form then indicate the location on drawing.

Features:	Surface Material Type:	Recommended Action:	
☐ Bench	☐ Asphalt	☐ Repair	☐ Construct
☐ Trash Receptacle	☐ Concrete	☐ Reconstruct	☐ Monitor
☐ Bike Rack	☐ Other:_____	☐ Other:_____	

Intersection Data Collection Form

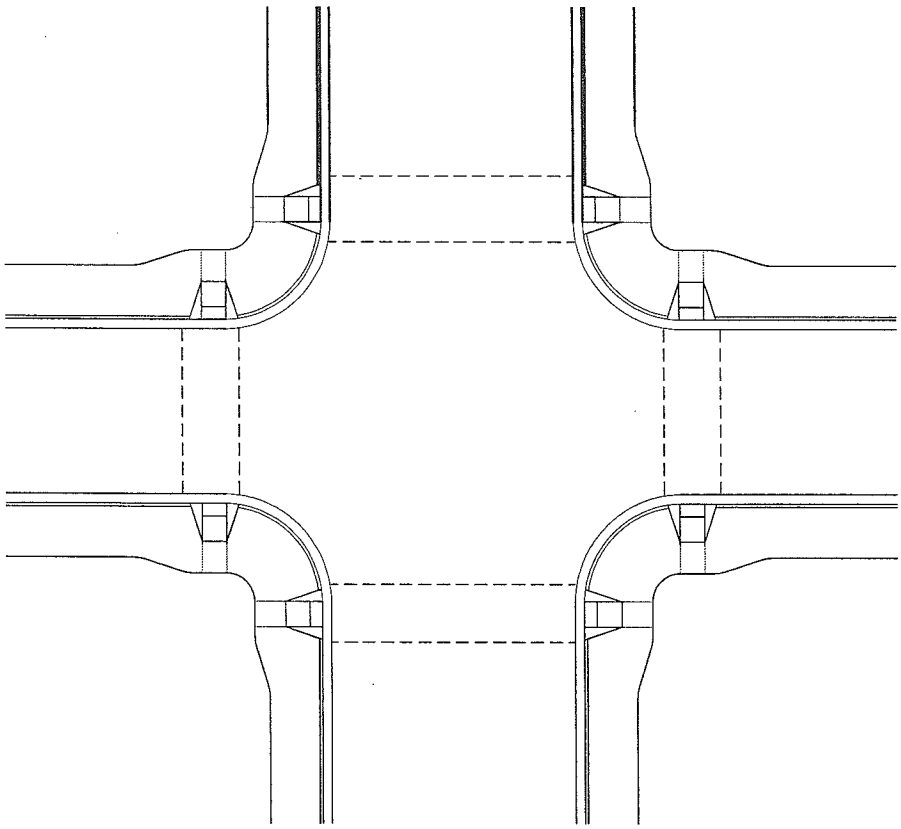
Date _____ Data Recorder _____

INTERSECTION LOCATION

Street Name _____ Street Driving Direction N / S or E / W

Cross Street _____ Cross Street Direction N / S or E / W

GPS Coordinates N/S E/W _____ Adjacent Property Description _____



INTERSECTION CHARACTERISTICS/SIDEWALK ELEMENTS

Include all sidewalk elements (i.e. utility pole, sign, etc.) on the drawing to indicate their position.

Digital Image taken – frame # and description _____

Record any surface height transitions over 0.25 inches using a profile gauge.
Trace the transition on the back of this form, then indicate the location on drawing.

Curb Ramp Type:	Surface Material Type:	Recommended Action:	
☐ Diagonal	☐ Asphalt	☐ Repair	☐ Construct
☐ Parallel	☐ Concrete	☐ Reconstruct	☐ Monitor
☐ Perpendicular	☐ Other:_____	☐ Other:_____	

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
11/14/2012	2012-101	19a23	E 86th St	Blaisdell Ave S	North	Northwest	Winona Curb	Concrete	3				0	0	0	0	10	5.3	4.5	2	3.3	0.5	2.5	0.2	0	0						Cast Iron	none
11/14/2012	2012-101	19a24	E 86th St	Blaisdell Ave S	North	Northeast	Winona Curb	Concrete	0.1								9.9	5.2	2.7	0.3	4	2	0	1.9	0	0						Cast Iron	none
11/14/2012	2012-101	19a21	W 86th St	Wentworth Ave S	North	Northeast	Winona Curb	Concrete	0				0.7	0.1	4.3	5.2	9.4	5.2	6.4	2	1.2	3	0.5	2.4	0	0						Cast Iron	none
11/14/2012	2012-101	19a20	W 86th St	Wentworth Ave S	North	Northwest	Diagonal	Concrete	0.3				1.6	0.7	4	5.1	7.2	4.9	4.7	1.8	2.3	1.1	0.6	1.8	0	0						Cast Iron	none
11/14/2012	2012-101	19c27	W 86th St	Nicollet Ave S	South	Southwest	Perpendicular	Concrete	0				0	0	0	0	9.7	4.5	1.8	0.4	4.6	0.1	2.5	0.4	0	0						Cast Iron	none
11/15/2012	2012-101	09n41	w 80th St	Thomas lane	North	Northwest	One Way Directional	Concrete	0				2.8	10.6	0	0	5.8	5.8	4.2	6.8	1.2	1	2.6	2	0	0						Cast Iron	Reconstruct
11/15/2012	2012-101	09n42	w 80th St	Thomas lane	South	Southeast	Winona Curb	Concrete	2.8	Street Sign			1.3	2.7	5.8	5.8	10.4	5.8	6	1.6	2.1	8	2.8	5.4	0	0						Cast Iron	Repair
11/15/2012	2012-101	19a16	W 86th St	Pillsbury	North	Northwest	Winona Curb	Concrete	0				0.8	0.6	6.8	4.8	8	4.8	2.3	5.4	1.5	1.5	0	0.8	0	0						Cast Iron	Other
11/15/2012	2012-101	19a17	W 86th St	Pillsbury	North	Northeast	Winona Curb	Concrete	0.5	Power pole			0.4	1.5	4.2	5.1	8.4	5	0.5	7.8	0.8	1.8	1.2	1.7	0	0						Cast Iron	Other
11/15/2012	2012-101	19b18	W 86th St	Wentworth Ave S	South	Southwest	One Way Directional	Concrete	0				0	0	0	0	8.2	4.8	3.3	2.8	0.5	4.7	1.2	2.8	0	0						Cast Iron	Other
11/15/2012	2012-101	19b19	W 86th St	Wentworth Ave S	South	Southeast	One Way Directional	Concrete	0				0	0	0	0	8.5	5	1.3	2.8	1.7	4.3	0.4	0.7	0	0						Cast Iron	none
11/15/2012	2012-101	39b07	W 102nd St	Chowen Ave S	South	Southwest	Diagonal	Concrete	1.6	Street Sign			0	0	0	0	8	4	1.8	3	7.3	4.2	7	1.2	1.3	1.9						Cast Iron	Other
11/15/2012	None	39b08	W 102nd St	Chowen Ave S	South	Southeast	One Way Directional	Concrete	6	Street Sign			0	0	0	0	5.8	4.2	0.5	0.2	0.8	5.5	4.2	5.4	1.3	2.3						Cast Iron	Other
11/16/2012	2012-101	05t27	Nicollet Ave S	w 81 St	North	Northwest	One Way Directional	Concrete	0				0	0	0	0	0	0	0	0	0	8.1	4.2	1.3	0.5	1.1	5	1.6	1.4	0	0	Cast Iron	None
11/16/2012	2012-101	05u27	Nicollet Ave S	w 81 St	South	Southwest	One Way Directional	Concrete	0				0	0	0	0	0	0	0	0	0	8	4.3	0.2	2.4	2.2	2.8	3.3	0.7	0	0	Cast Iron	None
11/16/2012	2012-101	19a02	W 86th St	Lyndale Ave S	North	Northeast	Perpendicular	Concrete	0	Signal Base			0	2	2.1	1.5	3.2	1.1	1.2	4.9	5.2	4.2	5	1.7	6.4	0.9	6.4	0.8	1	0	0	Cast Iron	None
11/16/2012	2012-101	19a03	W 86th St	Garfield	North	Northwest	Perpendicular	Concrete	0				0	0.9	3.7	1.2	1.9	0.2	1.4	5.2	6.2	4.5	6.6	0.1	6.3	0.1	2.9	0.2	2.9	0	0	Cast Iron	None
11/16/2012	2012-101	19a04	W 86th St	Garfield	North	Northeast	Perpendicular	Concrete	0				0	0	0	0.3	5.5	1.4	1.8	4.9	5.8	5.3	6.5	1.2	7.3	0.8	3.1	0.5	2.1	0	0	Cast Iron	None
11/16/2012	2012-101	19b06	W 86th St	Harriet Ave S	South	Southeast	Winona Curb	Concrete	0				0	0	0	0	0	0	0	0	0	4.8	4.7	2	4.6	1.1	3.9	1.3	0.8	0	0	Cast Iron	None
11/16/2012	2012-101	19b07	W 86th St	Harriet Ave S	South	Southeast	Diagonal	Concrete	0				0	0	0	2	1.6	0	0	0	0	9	5	0.6	2.9	0	0.9	0.6	1.2	0	0	Cast Iron	
11/19/2012	2012-101	07y23	W 82nd St	Humboldt	North	Northwest	Parallel	Concrete	0		5.8	4	1.2	0.3	0	0	0	0			0.6	5.9	1.6	1.9	0	0	1.4	2.6	1.7	2.8		Cast Iron	None
11/19/2012	2012-101	07z24	W 82nd St	W 82nd St	North	Northeast	Diagonal	Concrete	0		10	6	1.5	5.2	1.1	1.8	5.2	6	10	0	0	0	0	0	0	0	2.6	0.1	2.5	1.5		Cast Iron	None
11/19/2012	2012-101	08a13	W 82nd St	Logan	South	Southwest	Perpendicular	Concrete	0		10.3	4.5	1	5.6	1.3	0.1	4.7	4.7	10.3	0	0	0	0	0	0	0	0.6	3.8	0.8	1.4		Cast Iron	None
11/19/2012	2012-101	08a14	W 82nd St	Logan	South	Southeast	Perpendicular	Concrete	0		4.3	5	0.3	3.4	0	0	0	0		0	0	0	0	0	0	0	0.2	3.3	0	0.3		Cast Iron	None
11/19/2012	2012-101	08a19	W 82nd St	James	South	Southwest	One Way Directional	Concrete	0	Power pole	11	5	1.9	5.6	1.9	0.4	5	5	11	0	0	0	0	0	0	0	0.3	2.1	1.7	2.5		Cast Iron	None
11/19/2012	2012-101	08a20	W 82nd St	James	South	Southeast	One Way Directional	Concrete	0		9.5	5	1.4	5.3	1.3	1.9	4	5	9.5	0	0	0	0	0	0	0	0.2	2.6	1.7	5.2		Cast Iron	None
11/19/2012	2012-101	08a21	W 82nd St	Irving	South	Southwest	One Way Directional	Concrete	0	Power pole	4.5	6	1.6	12.6	0.9	0.7	4	6	4.5	0	0	0	0	0	0	0	2.3	1.3	2.6	2.6		Cast Iron	None
11/19/2012	2012-101	08a22	W 82nd St	Irving	South	Southeast	One Way Directional	Concrete	0		4.6	5.3	0.5	3.3	0	0	0	0		0	0	0	0	0	0	0	1.8	2.4	1.7	3.1		Cast Iron	None
11/19/2012	2012-101	08a24	W 82nd St	Humboldt	South	Southeast	Perpendicular	Concrete	0	Signal Base	6.9	4.6	1.3	3	0	0	0	0		0	0	0	0	0	0	0	1	3.2	1.6	2.4		Cast Iron	None
11/19/2012	2012-101	08b23	W 82nd St	Humboldt	South	Southwest	Perpendicular	Concrete	0		4.9	5.8	1.2	1.5	0	0	0	0		0	0	0	0	0	0	0	0.5	3.6	1.4	3.1		Cast Iron	None
11/19/2012	2012-101	85L04	American Blvd	International Dr	North	Northwest	Perpendicular	Concrete	0		5.8	6	6.4	0.7	0.4	1.8	5.8	5.1	5.8	0	0	0	0	0	0	0	2	3.4	1.4	3		Cast Iron	None
11/19/2012	2012-101	85L07	American Blvd	International Dr	North	Northeast	Perpendicular	Concrete	0		8.2	6.9	1.9	1.2	0	0	0	0		0	0	0	0	0	0	0	1.9	6.9	0.8	3.1		Cast Iron	None
11/20/2012	2012-101	07y17	W 82nd St	Knox	North	Northwest	Perpendicular	Concrete	0		11.4	5.1	0.3	7.7	1.9	1.1	6.2	5.6	11.4	0	0	0	0	0	0	0	0	1.2	2	0.8	2.6	Cast Iron	None
11/20/2012	2012-101	07y18	W 82nd St	Knox	North	Northeast	Perpendicular	Concrete	0		4.1	4.5	0.5	7.5	0.4	2	6.3	4.2	4.1	0	0	0	0	0	0	0	0	0.7	3.5	0.5	4.3	Cast Iron	None
11/21/2012	2012-101	07x02	W 82nd St	Penn	North	Northeast	Diagonal	Concrete	0		15	6.4	1.4	7.2	0.1	2	6	4.2	15	0	0	0	0	0	0	0	0	0	1.4	0.8	1.7	Cast Iron	None
11/21/2012	2012-101	11p06	American Blvd	American	South	Southeast	One Way Directional	Concrete	0		5.8	5	0.8	2.3	0	0	0	0		0	0	0	0	0	0	0	0	0.3	7.6	0.3	0.3	Cast Iron	None
11/21/2012	2012-101	11q04	Normandale service Rd	American	South	Southwest	Perpendicular	Concrete	0		10.8	7.3	0.3	5.7	1.4	1.1	5.7	10	10.8	0	0	0	0	0	0	0	0	0.5	4.3	0.9	3.9	Cast Iron	None
11/21/2012	2012-101	12L01	W 84th St	Normandale service Rd	North	Northwest	One Way Directional	Concrete	2	Street Sign	5.8	6	1.5	3.1	0	0	0	0		0	0	0	0	0	0	0	0	0.3	5.5	0.6	4.2	Cast Iron	None
11/21/2012	2012-101	12L03	W 84th St	Norma Dale service road	North	Northeast	Diagonal	Concrete	0		9.7	7.1	1.4	7.5	2	1.7	6.6	5.9	9.7	0	0	0	0	0	0	2.4		0.6	1.8	2.6	1.7	Cast Iron	None
4/26/2013	2012-101	12b04	American Blvd	W 82nd St	West	Northwest	Perpendicular	Concrete	0		3.8	4	0.7	6.6	1.7	0.9	5	4	3.8	0	0	0	0	0	0	0	0	1.5	4.2	0.9	1.8	Cast Iron	None
4/26/2013	2012-101	12b06	American Blvd	W 82nd St	West	Northwest	Perpendicular	Concrete	0		18.2	4.8	0.8	1.4	0	0	0	0		0	0	0	0	0	0	0	0	1.4	1.7	0.6	1.1	Cast Iron	None
4/26/2013	2012-101	12c06	American Blvd	W 82nd St	West	Northwest	Perpendicular	Concrete	2.5	Street Sign	29	4.6	0.1	3.7	0	0	0	0		0	0	0	0	0	0	0	0	1.9	1	1.4	3.2	Cast Iron	None
4/29/2013	2012-101	11r23	American Blvd	Oxborough Rd	South	Southwest	Diagonal	Concrete	0		4.3	5	7.1	0.5	0.6	2	5	5	4.3	0	0	0	0	0	0	0	0	2.4	4.1	3.2	0.5	Cast Iron	None
4/29/2013	2012-101	11r26	American Blvd	Oxborough Rd	South	Southeast	Diagonal	Concrete	4.5	Street Sign	7	5	0.5	1.1	0	0	0	0		0	0	0	0	0	0	0	0	0.3	6.5	1.4	1.2	Cast Iron	None
4/29/2013	2012-101	11s31	American Blvd	W 80th st cir	South	Southwest	Perpendicular	Concrete	0		9.5	5	1.6	2.3	0	0	0	0		0	0	0	0	0	0	0	0	2	7.5	2.5	0.2	Cast Iron	
4/29/2013	2012-101	11s32	American Blvd	W 80th st cir	South	Southeast	Perpendicular	Concrete	0		8.7	5	3.8	8.7	0	0	0	0		0	0	0	0	0	0	0	0	0.6	0.9	3.4	1.9	Cast Iron	None
4/29/2013	2012-101	12d05	American Blvd	W 82nd St	South	Southeast	Perpendicular	Concrete	0		24.4	0	1.4	1.5	0	0	0	0		0	0	0	0	0	0	0	0	1.3	4.9	2.4	2.4	Cast Iron	None
4/30/2013	2012-101	09p14	American Blvd	Southtown	North	Northwest	Perpendicular	Concrete	0		9	4	0.9	7.1	0.5	1.9	5	5	9	0	0	0	0	0	0	0	0	3.8	2.8	2	2	Cast Iron	None
4/30/2013	2012-101	09p16	American Blvd	Southtown	North	Northeast	Diagonal	Concrete	0		21.5	4	4.8	1.8	1.8	1.7	4	4	21.5	0	0	0	0	0	0	0	0	1.5	2.8	3.3	2.7	Cast Iron	None
4/30/2013	2012-101	09q15	American Blvd	Southtown	South	Southeast	Perpendicular	Concrete	0		8.5	4.5	1.5	7.6	0.5	0.5	4	4	8.5	0	0	0	0	0	0	0	0	1.1	1.1	1.7	3	Cast Iron	None
4/30/2013	2012-101	09x03	American Blvd	France Ave S	North	Northeast	Perpendicular	Concrete	0		7.2	4	0.3	6.1	0.3	1.8	4	4	7	0	0	0	0	0	0	0	0	0.9	10	0.1	0.4	Cast Iron	None
4/30/2013	2012-101	09x06	American Blvd	Northland	North	Northwest	Perpendicular	Concrete	0		5	5	2.2	6.5	1.8	1.1	5	5	5	0	0	0	0	0	0	0	0	1.7	2.6	1.9	0.3	Cast Iron	None
4/30/2013	2012-101	09x09	American Blvd	Northland	North	Northeast	Perpendicular	Concrete	0		25	6	4.5	4	2	1.9	6	6	25	0	0	0	0	0	0	0	0	0.5	1.5	3	1.5	Cast Iron	None
4/30/2013	2012-101	09z03	American Blvd	France Ave S	South	Southeast	Parallel	Concrete	0	Wall	6.5	5	0.6	3	0	0	0	0		0	0	0	0	0	0	0	0	0.6	2.1	0.3	2.1	Cast Iron	None
4/30/2013	2012-101	09z07	American Blvd	Town dale	South	Southeast	Perpendicular	Concrete	0		9	5	1.5	7.4	0.2	1.4	5	5	9	0	0	0	0	0	0	0	0	1.3	2.3	0.5	2.1	Cast Iron	None
4/30/2013	2012-101	09z08	American Blvd	Town dale	South	Southeast	Perpendicular	Concrete	0		7.5	4	2.2	7	1.5	1.2	4	4	4	0	0	0	0	0	0	0	0	0.7	3.4	1.1	0.4	Cast Iron	None

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
4/30/2013	2012-101	11x52	American Blvd	France Ave S	North	Northwest	Perpendicular	Concrete	0		7.8	5	0.9	0.5	0	0	0	0		0	0	0	0	0	0	0	0	0.9	4	1.1	1.2	Cast Iron	None
5/6/2013	2012-101	09l26	American Blvd	Xerxes Ave S	North	Northwest	Perpendicular	Concrete	0		4	4.5	0.2	7.5	1.7	1.8	4	4.5		0	0	0	0	0	0	0	0	0.5	7.3	1	1.8	Cast Iron	None
5/6/2013	2012-101	09l29	American Blvd	Xerxes Ave S	North	Northeast	Perpendicular	Concrete	0		13	4.5	0.2	7.1	0.8	0.9	5	4	13	0	0	0	0	0	5.3	0	0	0.6	3.1	1.2	1.9	Cast Iron	None
5/6/2013	2012-101	09m27	American Blvd	Xerxes Ave S	South	Southwest	Perpendicular	Concrete	0	Signal Base	16	5	1.9	1.8	0	0	0	0		0	0	0	0	0	0	0	0	3	3.5	0.2	1	Cast Iron	None
5/6/2013	2012-101	09q21	American Blvd	Xerxes Ave S	South	Southwest	Perpendicular	Concrete	0		8	4.5	2	7.7	1.4	1.7	4.5	4.5	8	0	0	0	0	0	0	0	0	2.1	3.5	1.9	1.1	Cast Iron	None
5/6/2013	2012-101	09q23	American Blvd	Xerxes Ave S	South	Southeast	Perpendicular	Concrete	0		13	5	0.5	7.7	0.3	1.6	5	5	13	0	0	0	0	0	0	0	0	0.3	4.8	0.4	2.8	Cast Iron	None
5/24/2013	None	58Z01-01	W 86th St	Lakeview rd	North	Northeast	Perpendicular	Asphalt	2	Handhole	9.5	5	1.2	7.7	0	0	0	0		10	0.1	1.3	10	2	0.9	0	0	5.2	1.9	2	2.7	None	Reconstruct
5/24/2013	None	58Z01-01	W 86th St	Wood cliff rd	North	Northeast	Parallel	Asphalt	0		6	4	2.3	4.7	0	0	0	0		10	1.5	2	10	1.7	2	0	0	1.2	1.4	1.9	1.6	None	
5/24/2013	None	58Z15-01	E Bush Lake Rd	W 86th St	North	Northwest	One Way Directional	Concrete	0		5.6	10	2.3	3.5	0	0	0	0		0	0	0	0	0	0	3	3	1.9	0.8	1.9	2.4	Cast Iron	Repair
5/24/2013	None	60Z30-01	W Bush Lake Rd	W 86th St	East	Northeast	One Way Directional	Concrete	2.5	Street Sign	6.5	10	5.9	8.33	6.3	6	9	9	15.5	10	4.2	1.1	10	2.8	6.3	0	0	7	2	2.5	0.2	Cast Iron	Reconstruct
5/24/2013	None	60Z39-01	W 86th St	Texas Ave S	North	Northwest	Perpendicular	Asphalt	0		11	12	7.5	3.8	0	0	0	0		10	0.5	4.9	10	1.5	7.3	0	0	7.9	7.2	2.8	5.5	None	Reconstruct
5/24/2013	None	61A39-01	W 86th St	Texas Ave S	South	Southwest	One Way Directional	Concrete	0		6.7	11	8	2	0	0	0	0		13	0.8	7.1	0	0	0	0	0	6.8	9.8	2.6	7.2	Colored Concrete	
5/24/2013	None	61A40-01	W 86th St	Texas Ave S	South	Southeast	One Way Directional	Concrete	0		8.5	5	2.1	2.7	0	0	0	0		0	0	0	0	0	0	0	0	2.5	1.3	5.3	3.7	Cast Iron	None
5/24/2013	None	61A47-01	W 86th St	Pine hill rd	South	Southwest	One Way Directional	Concrete	1	Tree edging	12.5	5	3.8	1.6	0	0	0	0		0	0	0	0	0	0	0	0	4	1.7	4.4	0.8	None	Reconstruct
5/24/2013	None	61A48-01	W 86th St	Pine hill rd	South	Southeast	One Way Directional	Concrete	0		8.5	5	2.6	6.9	0	0	0	0		0	0	0	0	0	0	0	0	2.8	5.4	3.5	2.2	None	Reconstruct
5/24/2013	None	61A52-01	W 86th St	Lakeview rd	South	Southwest	One Way Directional	Concrete	0		23	5	8.3	1.2	4.2	2.6	5	5	28	0	0	0	0	0	0	0	0	2.9	6	3.8	1.6	Cast Iron	Reconstruct
5/24/2013	None	63A00-01	W 86th St	Lakeview rd	South	Southeast	One Way Directional	Concrete	1.7	Street Sign	11.3	5	2.9	1.6	0	0	0	0		0	0	0	0	0	0	0	2	1.7	0.6	1.9	0.1	Cast Iron	None
5/24/2013	None	63A09-01	W 86th St	Wood cliff rd	South	Southwest	Two Way Directional	Concrete	0		6	5	1	1	0	0	0	0		16	0.4	4.3	0	0	0	0	0	1.2	3	2.8	3.5	None	Add domes
5/24/2013	None	63A10-01	W 86th St	Wood cliff rd	South	Southeast	Perpendicular	Concrete	0		5.5	5	1.2	7.7	0	0	0	0		0	0	0	0	0	0	0	0	3.9	1.4	1.4	2.7	None	Reconstruct
5/24/2013	None	63A15-01	E Bush Lake Rd	W 86th St	East	Southeast	Parallel	Asphalt	1.5	Guywire	16	7	0.5	2.5	0	0	0	0		0	0	0	0	0	0	0	0	0.6	2.4	1.5	2.9	None	Reconstruct
5/28/2013	None	60S33-01	Virginia rd	W 85th st	East	Northeast	One Way Directional	Concrete	0		13	5	2	3.5	0	0	0	0		0	0	0	0	0	0	0	0	7	7.2	4.9	3.8	None	Reconstruct
5/28/2013	None	60T33-01	Virginia rd	W 85th st	East	Southeast	One Way Directional	Concrete	0.5	Power pole	8.5	5	2.2	0.4	0	0	0	0		0	0	0	0	0	0	0	0	9.8	2.6	5	0.5	None	Reconstruct
5/28/2013	None	60V29-01	W Bush Lake Rd	Park knoll cir	West	Northwest	One Way Directional	Concrete	0		5.9	7.5	2	8.33	0	0	0	0		0	0	0	0	0	0	0	0	4.7	3.5	0.8	4.5	Cast Iron	Reconstruct
5/28/2013	None	60V30-01	W Bush Lake Rd	Virginia rd	East	Northeast	One Way Directional	Concrete	0		8.3	8	2	8.33	0	0	0	0		0	0	0	0	0	0	0	0	4.3	4.8	1.7	3.6	Cast Iron	Reconstruct
5/28/2013	None	60W29-01	W Bush Lake Rd	Park knoll rd	West	Southwest	One Way Directional	Concrete	0		5.8	7.6	0.5	3.8	0	0	0	0		0	0	0	0	0	0	0	0	0.9	2.5	3.9	0	Cast Iron	None
5/28/2013	None	60W30-01	W Bush Lake Rd	Virginia rd	East	Southeast	One Way Directional	Concrete	0		8.7	7	0.2	4.1	0	0	0	0		10	2	1.6	0	0	0	0	0	6.4	2	4	3.7	Cast Iron	None
5/28/2013	None	60W32-01	Virginia rd	Virginia cir	South	Southeast	One Way Directional	Concrete	0		10	5	1.6	1.6	0	0	0	0		0	0	0	0	0	0	0	0	8.5	0.8	7.7	2.6	None	Reconstruct
5/28/2013	None	60W33-01	Virginia rd	Virginia cir	East	Southeast	Perpendicular	Concrete	1	Mailbox	6	5	0.1	6.4	0	0	0	0		0	0	0	0	0	0	0	0	7.2	2.8	1.1	2.6	None	Reconstruct
5/28/2013	None	60Z28-01	W Bush Lake Rd	W 86th St	West	Northwest	Perpendicular	Concrete	0		4	4	0	2.4	0	0	0	0		13.5	1.4	1.6	0	2.4	0.5	4.3	4.5	7.4	0.4	0.5	0.5	Cast Iron	None
5/28/2013	None	60Z28-02	W Bush Lake Rd	W 86th St	West	Northwest	One Way Directional	Concrete	1.8	Light	6.3	6.7	5.8	3.1	2	0.9	13.5	7		0	0	0	0	0	0	0	0	2.2	2.9	1.1	0.6	Cast Iron	None
5/28/2013	None	60Z28-03	W Bush Lake Rd	W 86th St	West	Southwest	One Way Directional	Concrete	0		5.8	8.4	1.9	7.4	1.7	2.4	6	8.4	11.8	0	0	0	0	0	0	0	0	4.7	1.9	2.6	2.8	Cast Iron	None
5/28/2013	None	61D39-01	W 87th st	Texas Ave S	North	Northwest	One Way Directional	Concrete	0		5	4	3.6	8.33	1.4	2.3	5	5	10.5	0	0	0	7.7	4.4	6.3	3.2	0	2.6	4.2	2.6	2.3	Cast Iron	None
5/28/2013	None	61K52-01	Lake view rd	Walton pond cir	South	Southwest	One Way Directional	Concrete	0		8	7.3	1.8	4	0	0	0	0		10	1.7	1.1	0	0	0	0	0	5.9	0.9	1.5	2.6	Cast Iron	None
5/28/2013	None	61L52-01	Lake view rd	Walton pond cir	West	Southwest	One Way Directional	Concrete	0		12	5	0.1	4.7	0	0	0	0		0	0	0	0	0	0	0	2.5	5.1	0.1	1.4	1.6	Cast Iron	None
5/28/2013	None	63F05-01	Woodcliff rd	Woodcliff circle n	West	Southwest	One Way Directional	Concrete	0		4.7	5	2	5.7	1.7	1.5	5	5	15	0	0	0	0	0	0	0	0	6.5	1.7	2.6	2.5	None	Reconstruct
5/28/2013	None	63F06-01	Woodcliff rd	Woodcliff circle n	West	Northwest	One Way Directional	Concrete	0		4.7	5	0	4.9	0	0	0	0		0	0	0	0	0	0	0	0	8.6	0.7	1.4	1.6	None	Reconstruct
5/28/2013	None	63J00-01	Lake view dr	Lakeview rd	North	Northwest	One Way Directional	Concrete	0	Power pole	16	5	0.7	3.2	0	0	0	0		0	0	0	0	0	0	0	2.3	3.7	0.6	3.2	2.8	Cast Iron	None
5/28/2013	None	63J03-01	Lake view dr	Lakeview circle	North	Northeast	One Way Directional	Concrete	0		7.7	5	4	6.5	2.3	5	5	5	21.3	0	0	0	0	0	0	0	0	5.6	2	0.8	1.5	None	Reconstruct
5/28/2013	None	63J03-02	Lake view dr	Lakeview circle	North	Northwest	One Way Directional	Concrete	0		8.4	5	2.3	3.5	0	0	0	0		0	0	0	0	0	0	0	0	7.9	2.2	4	2.3	None	Reconstruct
5/28/2013	None	63K05-01	Woodcliff rd	Lakeview dr	West	Northwest	One Way Directional	Concrete	0		6.2	9	1.2	8	2.7	5.2	30	5		20	2	2	0	0	0	0	0	9.1	6.1	4	3.4	None	Reconstruct
5/28/2013	None	63L04-01	Woodcliff rd	Lakeview dr	West	Southwest	One Way Directional	Concrete	0	Power pole	9.7	5.8	1.9	3.6	0	0	0	0		0	0	0	0	0	0	0	0	1.3	4	1.8	0.5	None	Reconstruct
5/29/2013	None	60g28-01	W Bush Lake Rd	W 83rd St	East	Northeast	One Way Directional	Concrete	2	Street Sign	6	9	5.9	5.2	0	0	0	0		10	5.2	6.8	0	0	0	0	0	6.2	6.8	0.5	3.6	Cast Iron	Reconstruct
5/29/2013	None	60h28-01	W Bush Lake Rd	W 83rd St	East	Southeast	One Way Directional	Concrete	0		6	10	5	0.6	0	0	0	0		0	0	0	10	2.4	0.3	0	0	4.8	0	0.9	1.9	Cast Iron	Monitor
5/29/2013	None	60m28-01	W Bush Lake Rd	xylon cir	West	Northwest	One Way Directional	Concrete	0		5.8	7	1.6	2.7	0	0	0	0		0	0	0	0	0	0	0	0	13	2.8	1.8	0.4	Cast Iron	None
5/29/2013	None	60m29-01	W Bush Lake Rd	W 84th St	East	Northeast	One Way Directional	Concrete	0		9	7	1.8	5	0	0	0	0		0	0	0	0	0	0	0	0	1.1	1.4	3.9	3.2	Cast Iron	Monitor
5/29/2013	None	60m29-02	W Bush Lake Rd	W 84th St	East	Northeast	Two Way Directional	Concrete	1	Street Sign	8.8	10.6	1.9	4.2	0	0	0	0			0	0	10	6.4	4.2	0	3	5.8	3.5	5	2.5	Cast Iron	Reconstruct
5/29/2013	None	60N28-01	W Bush Lake Rd	Xylon Cir	West	Southwest	One Way Directional	Concrete	0		6.5	6.5	1.9	4.5	0	0	0	0		0	0	0	0	0	0	0	0	1.3	4.5	0.1	2.7	Cast Iron	Monitor
5/29/2013	None	60N29-01	W Bush Lake Rd	W 84th St	East	Southeast	One Way Directional	Concrete	0		10	5	0.8	4.7	0	0	0	0		0	0	0	0	0	0	2.5	2.5	2.5	1.8	0.6	0	Cast Iron	Monitor
5/29/2013	None	60N32-01	W 84th St	Virginia Ave S	North	Northwest	One Way Directional	Concrete	0		30	5	1.2	4.5	0	0	0	0		0	0	0	0	0	0	0	0	3.6	5.3	0.9	2.1	None	Reconstruct
5/29/2013	None	60N33-01	W 84th St	Virginia Ave S	North	Northeast	One Way Directional	Concrete	0		11.9	5	1.6	1.3	0	0	0	0		0	0	0	0	0	0	0	0	9.1	4.9	4.5	2.6	None	Reconstruct
5/29/2013	None	60N37-01	W 84th St	W 84th St Cir	North	Northwest	One Way Directional	Concrete	0		12	5	1.6	5	0	0	0	0		0	0	0	0	0	0	0	0	4	0.5	4.3	3.8	Cast Iron	None
5/29/2013	None	60N37-02	W 84th St	W 84th St Cir	North	Northeast	One Way Directional	Concrete	0		12.8	5	0.4	1.9	0	0	0	0		0	0	0	0	0	0	0	0	5.5	0.8	4.5	2.2	Cast Iron	None
5/29/2013	None	60O33-01	W 84th St	Virginia Ave S	South	Southwest	One Way Directional	Concrete	0		7.9	5	3.4	0.7	0	0	0	0		0	0	0	0	0	0	0	0	8.6	2.5	2.1	3	None	Reconstruct
5/29/2013	None	60O39-01	W 84th St		North		Perpendicular	Concrete	0		10.4	5.8	3.3	4.4	0	0	0	0		0	0	0	0	0	0	0	0	8.2	1.4	2.3	0.9	None	Reconstruct
5/29/2013	None	60O39-02	W 84th St		South		Perpendicular	Concrete	0		5.5	5	1.4	1.3	0	0	0	0		0	0	0	0	0	0	0	0	10.3	0.5	2.4	0.6	None	Reconstruct
5/29/2013	None	60P33-01	Virginia rd	Virginia cir	West	Northwest	One Way Directional	Concrete	0		13	5	4.3	2.8	0	0	0	0		0	0	0	0	0	0	0	0	7.4	3.8	3.7	2.2	None	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
5/29/2013	None	60P33-02	Virginia rd	Virginia cir	West	Southwest	One Way Directional	Concrete	0	Flowers and street sign	7	5	1.4	5	0	0	0	0		0	0	0	0	0	0	0	0	6.7	0.5	1	0.2	None	Reconstruct
5/29/2013	None	60R40-01	W 84th St	W 84th St Cir	West	Northwest	One Way Directional	Concrete	0		9		1.1	2.6	0	0	0	0		0	0	0	0	0	0	0	0	3.9	2.1	0.4	2.1	None	Reconstruct
5/29/2013	None	60S32-01	Virginia rd	Virginia cir	West	Northwest	One Way Directional	Concrete	0		5.5	5	1.6	1.5	0	0	0	0		0	0	0	0	0	0	0	0	5.7	2.7	0.5	0.4	Cast Iron	None
5/29/2013	None	60S36-01	W 85th St	W 85th st cir	North	Northwest	One Way Directional	Concrete	0		14.8	5	1.9	4.4	0	0	0	0		0	0	0	0	0	0	0	0	3.7	2.6	0.6	3	Cast Iron	None
5/29/2013	None	60S36-02	W 85th St	W 85th st cir	North	Northeast	One Way Directional	Concrete	0		6.8	5	1.4	2.4	0	0	0	0		0	0	0	0	0	0	0	0	1.8	2.3	3	2.1	Cast Iron	Monitor
5/29/2013	None	60S40-01	W 84th St	W 84th St Cir	West	Southwest	One Way Directional	Concrete	0		8	5	0.5	1.5	0	0	0	0		0	0	0	0	0	0	0	0	6.5	1.5	3.2	0.2	None	Reconstruct
5/29/2013	None	60V41-01	W 85th St	W 84th St	South	Southwest	Diagonal	Concrete	0		5.2	5	1.2	4.1	2	1.9	3.4	4.6	8.6	10	1.7	3.3	10	1.3	0.4	0	0	0.7	0.1	0.5	1.7	None	Reconstruct
5/29/2013	None	60W41-01	W 85th St	W 84th St	South	Southeast	One Way Directional	Concrete	0		4	5	0.3	1.5	0	0	0	0		0	0	0	0	0	0	0	0	4.2	2.5	2.9	1.8	None	Reconstruct
5/30/2013	None	57Z01-01	Highwood Dr	Pennsylvania Rd	North	Northeast	One Way Directional	Concrete	0		12	4	1.2	7.9	0.6	1.8	4.7	4	16.7	0	0	0	0	0	0	0	0	5.1	2.9	1.9	4.2	Cast Iron	None
5/30/2013	None	59Z44-01	Highwood Dr	Rhode Island Ave S	North	Northwest	One Way Directional	Concrete	0		13	5.5	4.2	2.6	0	0	0	0		0	0	0	0	0	0	0	0	7.3	3.4	3.1	0.1	Cast Iron	Reconstruct
5/30/2013	None	59Z45-01	Highwood Dr	Rhode Island Ave S	North	Northeast	One Way Directional	Concrete	0	Light pole	8.5	4	3.6	2.7	0	0	0	0		0	0	0	0	0	0	0	0	4.7	3.1	4.2	1.6	Cast Iron	Reconstruct
5/30/2013	None	60A52-01	Highwood Dr	Pennsylvania Rd	West	Southwest	Two Way Directional	Concrete	0		5.5	5	0.7	6.2	0.3	1.8	6.9	5	12.5	10	2	0.7	0	2	2.4	0	3	1	1.5	2.1	0.9	Cast Iron	None
5/30/2013	None	60a52-02	Highwood Dr	Pennsylvania Rd	South	Southwest	Two Way Directional	Concrete	0		8.3	5	1.7	2.4	2.4	0.2	5	6.9		5.5	0.4	5.7	10	2.2	3.1	2	0	2.8	0.9	0	1.7	Cast Iron	Reconstruct
5/30/2013	None	60A52-03	Highwood Dr	Pennsylvania Rd	South	Southeast	Parallel	Concrete	0		14.9	5	2	5.6	0.9	1	4	4	30	0	0	0	0	0	0	0	0	7.7	0.6	0.2	1.1	Cast Iron	None
5/30/2013	None	60C31-01	W Bush Lake Rd	Highwood	West	Northwest	Two Way Directional	Concrete	2	Hydrant	18.5	6.8	2.2	10.8	4	3.7	4	4	18.5	10	3.4	9	10	2	4.3	2	2	5.5	1.3	3.7	2.5	Cast Iron	Reconstruct
5/30/2013	None	60C31-02	W Bush Lake Rd	Highwood	West	Northwest	Two Way Directional	Concrete	0		13.6	5.8	2	4.5	3.2	3.9	5	5	17.8	12	7.5	6.3	10	2.7	1.3	1.5	2	8.1	0.9	3.5	1	Cast Iron	Reconstruct
5/30/2013	None	60C32-01	W Bush Lake Rd	Highwood	East	Northeast	Diagonal	Concrete	1	Power pole	9.6	8.2	0.9	5.6	0.5	3.6	5	5		10	2.1	2.2	10	1.7	3.2	2	2	6.9	2.1	1.7	0.5	Cast Iron	Reconstruct
5/30/2013	None	60C50-01	Pennsylvania Rd	Autumn Chance Dr	West	Northwest	One Way Directional	Concrete	0		7.5	5	1.7	2	0	0	0	0		0	0	0	0	0	0	0	0	7	0.5	3.2	0.5	None	Reconstruct
5/30/2013	None	60D31-01	W Bush Lake Rd	Highwood	West	Southwest	Two Way Directional	Concrete	0	Power pole	5.5	6	4.3	4	2.9	1.9	8	8		10	2	3.4	0	0	0	3	3	3.6	4.2	2.7	1.8	Cast Iron	Reconstruct
5/30/2013	None	60D31-02	W Bush Lake Rd	Highwood	West	Southwest	Two Way Directional	Concrete	0		5.5	10.5	4.3	6.3	1.6	0.8	8	8	15	9	3.7	1.4	0	0	0	3	3	9	5.7	0.9	4.3	Cast Iron	
5/30/2013	None	60d50-01	Pennsylvania Rd	Autumn Chance Dr	West	Southwest	One Way Directional	Concrete	1	Street Sign	10	5	1.9	4.8	0	0	0	0		0	0	0	0	0	0	0	0	6.8	2.9	0.5	0.8	Cast Iron	Reconstruct
5/31/2013	None	58I01-01	W 83rd St	Oregon rd	South	South	Diagonal	Concrete	0		5	5.5	0	10.6	5.2	0.3	5	8	10	10	1.8	4.7	10	3.6	7.4	0	0	6.7	3.9	1.7	1.3	None	Reconstruct
5/31/2013	None	58J02-01	W 83rd St		South	Southwest	One Way Directional	Concrete	0		10	5	3.6	4.1	0	0	0	0		0	0	0	0	0	0	0	0	0.1	4.1	0.9	9	None	Reconstruct
5/31/2013	None	58J02-01	W 83rd St		South	Southwest	One Way Directional	Concrete	0		10	5	3.6	4.2	0	0	0	0		0	0	0	0	0	0	0	0	0.1	5.3	1.1	7.7	None	
5/31/2013	None	58J03-01	W 83rd St		South	Southeast	One Way Directional	Concrete	0		14.5	5	3.7	3.3	0	0	0	0		0	0	0	0	0	0	0	0	1.6	13.2	0.1	1.5	Tyned	Reconstruct
5/31/2013	None	58J05-01	W 83rd St		South	Southwest	One Way Directional	Concrete	0		11	5	2	3.1						0	0	0	0	0	0	0	0	7	7	1.6	6.7	Tyned	Reconstruct
5/31/2013	None	58J06-01	W 83rd St		South	Southeast	One Way Directional	Concrete	0		10.5	5	2	2.1	0	0	0	0		0	0	0	0	0	0	0	0	7.8	7.6	3	5	Tyned	Reconstruct
5/31/2013	None	58J13-01	Highwood Dr	W 83rd St	East	Northeast	One Way Directional	Concrete	0		25.5	5	2.5	4.7	0	0	0	0		0	0	0	0	0	0	0	0	10.2	1.5	0.1	0.7	None	Reconstruct
5/31/2013	None	58K13-01	Highwood Dr	W 83rd St	West	Southwest	Two Way Directional	Concrete	0		4	5	1.6	8.8	5.3	10.1	5	5		10	2.6	2.7	3	6.6	6.5	0	0	6.5	3.4	1.5	1.5	Tyned	Reconstruct
5/31/2013	None	58K13-02	Highwood Dr	W 83rd St	West	Southwest	Two Way Directional	Concrete	0		3	5	9	6.2	9.3	5.5	5	5					7	5.3	8.6	0	0	4.5	2.8	2.8	2.3	Tyned	Reconstruct
5/31/2013	None	58K14-01	Highwood Dr	W 83rd St	South	Southwest	One Way Directional	Concrete	0		13.6	5	2	3.3	0	0	0	0		0	0	0	0	0	0	0	0	6.3	0.9	0.5	1.2	None	Reconstruct
5/31/2013	None	60B39-01	Highwood Dr	Telegraph	North	Northeast	One Way Directional	Concrete	0		4.5	5	5.2	11	0	0	0	0		0	0	0	0	0	0	0	0	6.5	12.1	4.3	5.6	Cast Iron	Reconstruct
5/31/2013	None	60C38-01	Highwood Dr	Telegraph	North	Northwest	One Way Directional	Concrete	0		9	5	4.2	2.4	0	0	0	0		0	0	0	5	4.5	2.8	0	0	5.6	7.4	8.4	1.2	Cast Iron	Reconstruct
5/31/2013	None	60J50-01	Pennsylvania Rd	W 83rd st	West	Northwest	One Way Directional	Concrete	0		13	5	1.5	0.9		0		0		0	0	0	0	0	0	0	0	7.8	1.4	1.6	2.1	None	Reconstruct
5/31/2013	None	60K50-01	Pennsylvania Rd	W 83rd St	West	Southwest	One Way Directional	Concrete	0		13.7	5	7.3	8.1	0	0	0	0		0	0	0	0	0	0	0	0	8.5	1.6	0.4	0.8	None	Reconstruct
5/31/2013	None	60K52-01	Pennsylvania Rd	W 83rd St	West	Southwest	One Way Directional	Concrete	0		5	6	0.9	4.7	0	0	0	0		0	0	0	14	1.9	0.9	0	0	4	0.2	1.4	2.2	None	Reconstruct
6/3/2013	None	57Q42-01	Chalet rd	N boat launch	East	Northeast	One Way Directional	Concrete	0		7.5	11.5	1.4	0.5	0	0	0	0		0	0	0	0	0	0	0	0	7	1.4	0	2.5	Cast Iron	None
6/3/2013	None	57Z15-01	W 82nd St	Kentucky aver	West	Northwest	One Way Directional	Concrete	0		12	5	2.7	6.5	0	0	0	0		0	0	0	0	0	0	0	0	6.9	2.2	0.3	0.2	None	Reconstruct
6/3/2013	None	57Z16-01	W 82nd St	Kentucky aver	North	Northeast	One Way Directional	Concrete	0		3.5	5	5.9	3.8	4.5	2.1	5	5		5	0.1	1.8	0	0	0	0	0	10.4	3.2	2.8	1.1	None	Reconstruct
6/3/2013	None	58B12-01	W 82nd St	Lea Rd	North	Northeast	One Way Directional	Concrete	1		14.5	5	1.5	7.1	1.6	2.1	5	5		0	0	0	0	0	0	0	2	0.7	1.5	1.4	0.5	Cast Iron	None
6/3/2013	None	58C11-01	Highwood Dr	W 82nd St	East	Northeast	One Way Directional	Concrete	1	Street Sign	5	5	0.8	10.5	0.5	2.6	5	5		0	0	0	10	2.5	2.4	0	0	10.5	0.6	2	1	None	Reconstruct
6/3/2013	None	58C12-01	W 82nd St	Lea Rd	North	Northwest	One Way Directional	Concrete	0		5	5	1.8	2.2	0	0	0	0		0	0	0	13.5	0.2	6.2	0	0	1.8	4.6	0.1	2.3	Cast Iron	None
6/3/2013	None	58C39-01	W 84th St	E bush Lake Rd	North	Northwest	Perpendicular	Concrete	0		0	0	2.4	7	1.1	5.2	4	4		10	4.2	3.3	0	0	0	0	0	5.5	2.3	0.1	2.3	Cast Iron	
6/3/2013	None	58C42-01	W 84th St	E bush Lake Rd	North	Northwest	Two Way Directional	Concrete	0		8.6	5	0	4.1	0	0	0	0		0			5	0.6	2.7	0	0	4.1	0.9	1.2	1	Cast Iron	None
6/3/2013	None	58C43-01	W 84th St	E bush Lake Rd	North	Northwest	Two Way Directional	Concrete	0		6.6	5	1	1.8	0	0	0	0		5	0.7	4.1	10	0.4	0.8	0	0	5.7	0.4	1.7	0.3	Cast Iron	None
6/3/2013	None	58D11-01	Highwood Dr	W 82nd St	East	Southeast	One Way Directional	Concrete	0		14	5	2	5	0	0	0	0		0	0	0	0	0	0	0	0	8.6	0	1.2	1.5	None	Reconstruct
6/3/2013	None	58E39-01	W 84th St	Chalet Rd	South	Southwest	Diagonal	Concrete	0		8	5	2	4.7	0.4	1.5	6	13		10	0.9	2	10	1.6	2.4	1	1	6.6	1	1.7	0.9	Cast Iron	None
6/3/2013	None	58E40-01	W 84th St	Chalet Rd	South	Southwest	Diagonal	Concrete	0		11.5	5	2	5	1.3	0.6	6	6		10	1	3.8	10	1	2.9	2	2	6.9	3	1.3	3	Cast Iron	None
6/3/2013	None	58E41-01	W 84th St	Chalet Rd	South	Southwest	Diagonal	Concrete	0		9	5	0.1	7.2	1.6	1.8	8.3	5.5		10	1	1.4	10	1.5	4.4	2	2	4.4	2.8	2.2	3.5	Cast Iron	Monitor
6/3/2013	None	58E42-01	W 84th St	Chalet Rd	South	Southwest	Diagonal	Concrete	0		9.2	5	1.1	3.8	0.5	1.6	8.3	5.5		10	0.4	3	10	1.4	0.2	1	1	4.2	0.2	0.7	2.7	Cast Iron	None
6/3/2013	None	58K14-01	Highwood Dr	W 83rd St	North	Northeast	One Way Directional	Concrete	0	Hydrant	16.5	5	2	3.6	0	0	0	0		0	0	0	0	0	0	0	0	13.4	0.4	1	3	None	Reconstruct
6/3/2013	None	58P15-01	Highwood Dr	W 83rd St	West	Northwest	Two Way Directional	Concrete	1.5	Street Sign	6.5	8.5	0.6	6.4	0.7	1.6	3.5	6.5		10	2.1	0.2	10	2.4	5.8	0	0	5.6	1.7	1.8	3	None	Reconstruct
6/3/2013	None	58P15-02	Highwood Dr	W 84th St	West	Southwest	Two Way Directional	Concrete	0		5.5	8	1.2	7.4	3.5	2.6	4	5.5		10	2.1	0.2	10	2.4	5	0	0	6.9	0.3	2.6	0.8	None	Reconstruct
6/3/2013	None	58P16-01	Highwood Dr		East	Northeast	Perpendicular	Concrete	0		7	7	0.5	20	3	0.6	5	10		10	3.8	3.8	10	3	1.8	0	0	5.8	2.3	3.2	2.3	None	Reconstruct
6/3/2013	None	58Q07-01	W 84th St	W 84th St Cir	West	Northwest	One Way Directional	Concrete	0		7.5	5	3.8	3.1	0	0	0	0		0	0	0	0	0	0	0	0	5.8	2.5	0.2	1.2	None	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/3/2013	None	58Q16-01	Highwood Dr	W 84th St	West	Southwest	Diagonal	Concrete	0		8	9	0.9	10.7	0	0	0	0		10	2.5	0.5	10	1.2	9.2	1	1	5.9	3.1	0.2	2.5	None	Reconstruct
6/3/2013	None	58Q19-01	Highwood Dr	E bush Lake Rd	North	North	Diagonal	Concrete	0		5.5	4	0.7	7.8	1	2	7	6		10	1.6	2.6	10	0.2	0.5	6	9	1.6	1	2.8	1	Colored concrete	Reconstruct
6/3/2013	None	58R18-01	Highwood Dr	E bush Lake Rd	South	Southwest	Perpendicular	Concrete	0		5.5	4	0.1	7	2	6.5	7	4.5		0	0	0	10	1.8	1.6	6	6.5	5	1.4	4.3	1.2		Reconstruct
6/3/2013	None	58R42-01	Chalet rd	N boat launch	East	Southeast	One Way Directional	Concrete	0		6	11	0.8	2.7	0	0	0	0		0	0	0	0	0	0	0	0	2.8	1.6	3	3.1	Cast Iron	None
6/3/2013	None	58S02-01	W 84th St	Oak pt curve	South	Southwest	One Way Directional	Concrete	0		6.5	5	2	7.4	0	0	0	0		0	0	0	0	0	0	0	0	7.4	2.2	6	3	None	Reconstruct
6/3/2013	None	58S03-01	W 84th St	Oak pointe curve	South	Southwest	One Way Directional	Concrete	0		3.5	5	1.9	1.3	0	0	0	0		0	0	0	0	0	0	0	0	7.6	4.8	5.3	2.9	Tyned	Reconstruct
6/3/2013	None	58S42-01	Chalet rd	S boat launch	East	Northeast	One Way Directional	Concrete	0		9	11	1.9	1.7	0	0	0	0		0	0	0	0	0	0	0	0	3	4.2	0.5	3.6	Cast Iron	None
6/3/2013	None	58T05-01	W 84th St	Oak pointe curve	South	West	One Way Directional	Concrete	0		12	5	2	3.9	0	0	0	0		0	0	0	0	0	0	0	0	6.9	1	0.4	2.5	Tyned	Reconstruct
6/3/2013	None	58T06-01	W 84th St	Oak pointe curve	South	Southeast	One Way Directional	Concrete	0		15.5	5	2	1.5	0	0	0	0		0	0	0	0	0	0	0	0	7.7	2.6	0.6	2.7	Tyned	Reconstruct
6/3/2013	None	58T42-01	Chalet rd	S boat launch	East	Southeast	One Way Directional	Concrete	0		7.5	11	1.8	0.4	0	0	0	0		0	0	0	0	0	0	0	0	0.1	2.7	0.2	3.7	Cast Iron	None
6/3/2013	None	58U41-01	Chalet rd	Normandale lake park rd	West	West	Perpendicular	Concrete	0		15	5	1.5	7.4	2	2	5	5	20	0	0	0	0	0	0	0	0	3.3	1.6	5.1	1.2	Cast Iron	None
6/3/2013	None	58U42-01	Chalet rd	Normandale lake park entrance	East	East	Perpendicular	Concrete	0		4.4	5	1.7	1.4	0	0	0	0		0	0	0	0	0	0	0	0	3.1	1.8	3.9	0.9	Cast Iron	None
6/3/2013	None	58V40-01	Chalet rd	Normandale lake park	West	West	Perpendicular	Concrete	0		5.5	5	1.9	2.2	0	0	0	0		0	0	0	0	0	0	0	0	2.4	0.9	0.3	2.2	Cast Iron	None
6/3/2013	None	59Q08-01	W 84th St	W 84th St Cir	East	Northeast	One Way Directional	Concrete	0		13	5	2	0.3	0	0	0	0		0	0	0	0	0	0	0	0	7.3	1.2	0.8	1.9	None	Reconstruct
6/4/2013	None	58C42-02	W 84th St	E bush Lake Rd	North	Southwest	Perpendicular	Concrete	0		7	5	7.9	8.1	0	0	0	0		0	0	0	0	0	0	2	4.5	7.4	3.8	5.2	3.1	Cast Iron	Reconstruct
6/4/2013	None	58C43-02	W 84th St	E bush Lake Rd	North	Northeast	Parallel	Concrete	0		5.5	5	2.7	6.3	2	0.9	8.3	7		10	3.3	0.9	10	2.8	1.7	0	0	5.1	1.4	4.6	2.3	Cast Iron	None
6/4/2013	None	58C48-01	W 84th St	Creekside cir	North	Northwest	One Way Directional	Concrete	0		6.6	7	1.6	2.5	0	0	0	0		0	0	0	0	0	0	3.4	3.4	0.5	5	4.4	0.7	Cast Iron	None
6/4/2013	None	58C49-01	W 84th St	Creekside cir	North	Northeast	One Way Directional	Concrete	0		5.4	5	1.2	4.7	0	0	0	0		0	0	0	0	0	0	2	2	4	3.3	2.4	2.9	Cast Iron	None
6/4/2013	None	61F26-01	W Bush Lake Rd	Oak mere rd	West	Northwest	One Way Directional	Asphalt	1	Power pole	11	9	0.8	2	0	0	0	0		0	0	0	0	0	0	0	2	7.2	1.2	1.2	2.4	None	Reconstruct
6/4/2013	None	61G26-01	W Bush Lake Rd	Oak mere rd	West	Southwest	One Way Directional	Asphalt	0		19.2	10	1.8	2.3	0	0	0	0		0	0	0	0	0	0	0	0	4.6	4.1	0.4	3.3	Cast Iron	None
6/4/2013	None	62D22-01	Veness rd	W bush lake rd	East	Northeast	One Way Directional	Concrete	0		14	5	2	12.3	0	0	0	0		0	0	0	0	0	0	2	0	6.6	4.5	2.6	3.9	Cast Iron	Reconstruct
6/4/2013	None	62D22-01	W Bush Lake Rd	Veness rd	North	Northeast	Perpendicular	Concrete	0		6.5	13.5	1.5	1.4	0	0	0	0		10	4.1	1.5	0	0	0	0	0	5.5	2.2	2.8	0.6	Cast Iron	None
6/4/2013	None	62E21-01	Veness rd	W bush lake rd	West	Northwest	Perpendicular	Concrete	0		13	5	4.4	7.5	0.8	5.1	5	5	18	10	2.5	6.3	10	0.7	6.3	2	2	10	5.3	4.4	5.1	Cast Iron	Reconstruct
6/4/2013	None	62E22-01	W Bush Lake Rd	Veness rd	North	Southwest	One Way Directional	Concrete	0		15.5	5	2	7.3	0	0	0	0		0	0	0	0	0	0	2	2	10.1	3.9	1.3	2.4	Cast Iron	Reconstruct
6/4/2013	None	62G19-01	Veness rd	Amsden ridge dr	West	Northwest	One Way Directional	Concrete	0		20.8	5.5	2.7	2	0	0	0	0		0	0	0	0	0	0	0	0	3.7	6	2.3	4	Cast Iron	None
6/4/2013	None	62G20-01	Veness rd	Yukon Ave S	East	Northeast	One Way Directional	Concrete	0		20	5	3.6	0.5	0	0	0	0		0	0	0	0	0	0	0	0	10.3	3.1	4.1	0.8	None	Reconstruct
6/4/2013	None	62H19-01	Veness rd	Amsden ridge dr	West	Southwest	One Way Directional	Concrete	0		21	5.5	2.8	2	0	0	0	0		0	0	0	0	0	0	0	0	1.9	0.2	0.1	15	Cast Iron	None
6/4/2013	None	62H20-01	Veness rd	Yukon Ave S	East	Southeast	One Way Directional	Concrete	0		22.7	5	2	0.5	0	0	0	0		0	0	0	0	0	0	0	0	6.1	2.7	1.9	2	None	Reconstruct
6/4/2013	None	62N16-01	Veness rd	Decatur aver s	West	Northwest	One Way Directional	Concrete	0		25	5	1.9	4.4	0	0	0	0		0	0	0	0	0	0	0	0	5	3.3	0.1	3.6	Cast Iron	None
6/4/2013	None	62O16-01	Veness rd	Decatur aver s	West	Northwest	One Way Directional	Concrete	0		22.8	5	2	2	0	0	0	0		0	0	0	0	0	0	0	0	5.2	1	1	0.5	Cast Iron	None
6/4/2013	None	62R14-01	Veness rd	W 93rd st	East	Northeast	One Way Directional	Concrete	0		12	5	1.3	2.5	0	0	0	0		0	0	0	0	0	0	0	0	2.1	2.5	1.6	3.1	Tyned	Reconstruct
6/4/2013	None	62S14-01	Veness rd	W 93rd st	East	Southeast	One Way Directional	Concrete	0		9	5	0.3	2.1	0	0	0	0		0	0	0	0	0	0	0	0	0.3	2	4	0.2	None	Reconstruct
6/4/2013	None	62U10-01	Bloomington Ferry Rd	Ensign aver s	West	Northwest	Perpendicular	Concrete	0		9	5	0.9	5.9	3.4	1.5	9.5	5	14	10	1.8	0.5	10	2.3	2.9	0	0	3.5	2	2.2	1.6	None	Reconstruct
6/4/2013		62V11-01	Bloomington Ferry Rd	Ensign aver s	North	Southeast	Two Way Directional	Concrete	0		5.5	3.5	2.7	4.7	1.2	1.7	5	9	10.5	0	0	0	10	0.2	0.5	2	2	8.4	0.4	0.9	1.6	None	Reconstruct
6/4/2013	None	62V12-01	Bloomington Ferry Rd	Ensign aver s	North	Northeast	Two Way Directional	Concrete	0.5	Signal Base	5	4	0.5	3.7	0.4	1.7	9	5	14	10	1.1	1.1	0	0	0		2	11.8	0.8	2.9	0.4	None	Reconstruct
6/5/2013	None	69F03-01	Ensign aver	Woodbridge dr	East	Northeast	One Way Directional	Concrete	0		8.4	5	2.8	6.3	2	1.6	5	5		0	0	0	10	1.8	0.6	0	0	5.3	0.2	2.2	0.7	None	Reconstruct
6/5/2013	None	69F06-01	Woodbridge dr	Woodbridge rd	North	Northwest	One Way Directional	Concrete	0		10.4	5	1.9	5.4	1.7	1.6	5	5	15.4	0	0	0	0	0	0	0	0	6.1	3.1	0.1	4.1	None	Reconstruct
6/5/2013	None	69G03-01	Ensign aver	Woodbridge Rd	East	Southeast	One Way Directional	Concrete	0		10	5	1.6	7.3	0	0	0	0		0	0	0	0	0	0	0	0	8	4.4	0.6	1	Tyned	Reconstruct
6/5/2013	None	69O03-01	Ensign aver	Ensign cir	East	Northeast	One Way Directional	Concrete	0		9.8	5	2.3	9.2	2	1.4	5	5	14.2	0	0	0	0	0	0	0	0	8	2	0.4	2.7	None	Reconstruct
6/5/2013	None	69O15-01	Bloomington Ferry Rd	W 96th St	East	Northeast	One Way Directional	Concrete	0		7.5	9.5	1	4.4	0	0	0	0		0	0	0	10	3.4	0	0	5	4	1.5	0.8	0.2	None	None
6/5/2013	None	69P03-01	Ensign aver	Ensign cir	East	Southeast	One Way Directional	Concrete	0		9.5	5	2.5	4.5	0.3	1	5	5	14.5	0	0	0	0	0	0	0	0	6.6	2.2	2.5	0.3	None	Reconstruct
6/5/2013	None	69P15-01	Bloomington Ave S	W 96th St			Diagonal	Concrete	0		0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	Cast Iron	None
6/5/2013	None	69P15-01	Bloomington Ferry Rd	W 96th St	East	Southeast	Depressed Corner	Concrete	0		10.5	10.5	1.7	2.3	0	0	0	0		10	5	2.4	0	0	0	4	4	6.2	1.3	3.7	0.7	Cast Iron	
6/5/2013	None	69S03-01	Ensign aver	W 97th St	East	Northeast	One Way Directional	Concrete	0		9.1	5	0.4	10.3	0.7	3.6	5	5	14	0	0	0	10	3.6	0.8	0	0	5.2	3.2	0.1	1.9	None	Reconstruct
6/5/2013	None	69T03-01	Ensign aver	W 97th St	East	Southeast	One Way Directional	Concrete	0		6	5	2.2	8.1	1.2	1.3	5.3	5		0	0	0	0	0	0	0	0	0.2	3.2	1.8	1.8	None	Reconstruct
6/5/2013	None	69X03-01	Ensign aver	W 97 1/2 St	East	Northeast	One Way Directional	Concrete	2	Street Sign	14.5	5	1.1	3.6	0	0	0	0		0	0	0	0	0	0	0	0	12.8	0	1.4	1.2	None	Reconstruct
6/5/2013	None	69Y03-01	Ensign aver	W 97 1/2 St	East	Southeast	One Way Directional	Concrete	0		4.5	5	0.5	7.5	2.8	7.5	5	5		10	4.5	0.7	0	0	0	0	0	4.6	1.8	0.4	0.8	None	Reconstruct
6/6/2013	None	60O27-01	W 96th St	Wyoming Terrace	North	Northeast	Perpendicular	Concrete	0		5.3	5	0.8	8.8	3.3	0.5	5	5		10	3.1	0.9	10	3	1.7	0	0	9.1	2.2	1.6	1.2	Tyned	Reconstruct
6/6/2013	None	60Y33-01	Lindstrom dr	South Bay dr	North	Northwest	One Way Directional	Concrete	0		8.5	7	2	0.5	0	0	0	0		0	0	0	0	0	0	2	2	1.9	6	0.7	5	Cast Iron	None
6/6/2013	None	69C15-01	Bloomington Ferry Rd		East	Northeast	One Way Directional	Concrete	0		9	10	1.1	7.6	0	0	0	0		0	0	0	0	0	0	2	2	2.8	0.5	2.5	0	Cast Iron	Reconstruct
6/6/2013	None	69C32-01	W 95 th st	Virginia Ave S	South	Southwest	One Way Directional	Concrete	0		4	5.5	2.3	12.7	1.4	8.5	6.5	5		10	4.8	3.2	0	0	0	0	0	9.5	4	2.4	4.3	Tyned	Reconstruct
6/6/2013	None	69C33-01	W 95 th st	Virginia Ave S	South	Southeast	One Way Directional	Concrete	0.5	Hydrant	6	5	6.9	5.3	4	0.4	5	5		0	0	0	10	2	4.4	0	0	12.3	2.7	4.2	0	Tyned	Reconstruct
6/6/2013	None	69D15-01	Bloomington Ferry Rd		East	Southeast	One Way Directional	Concrete	0		12	10	1.1	4.8	0	0	0	0		0	0	0	0	0	0	2	0	4	1.5	0.4	2.1	Cast Iron	None
6/6/2013	None	69D28-01	Wyoming Ave S	W 95th St	West	Northwest	One Way Directional	Concrete	0		15.5	5	2.9	0.8	2.8	2.1	4.7	5		0	0	0	0	0	0	0	0	6.7	2.6	3.4	1.3	Tyned	Reconstruct
6/6/2013	None	69D28-02	Wyoming Ave S	W 95th St	West	Northwest	Perpendicular	Concrete	0		7.5	5	1.1	5.6	2.1	2.7	5	4.7		10	3.3	1.7	10	2.5	2.7	0	0	8.1	3.6	2.1	3.5	Tyned	Reconstruct
6/6/2013	None	69D29-01	Wyoming Ave S	W 95th St	East	Northeast	Perpendicular	Concrete	0		7.5	5	1.6	9.4	3.2	1.4	4.7	5		10	2.3	3.1	10	1.8	4.3	0	0	7.8	2.3	2.2	3.1	Tyned	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/6/2013	None	69E28-01	Wyoming Ave S	W 95th St	West	Southwest	One Way Directional	Concrete	0		8	5	0.9	9.4	0	0	0	0		0	0	0	0	0	0	0	0	6.2	4.3	0.8	2.9	Tyned	Reconstruct
6/6/2013	None	69J19-01	Yukon Ave S	Yukon cir	West	Northwest	One Way Directional	Concrete	0		12	5	3.2	5.2	1.2	2	5	5		0	0	0	0	0	0	0	0	4.4	2.9	1.4	0.8	None	Reconstruct
6/6/2013	None	69J29-01	Wyoming Ave S	W 96th St	East	Northeast	Diagonal	Concrete	0		4	5	0.1	12	0.9	9	5	5		0	0	0	10	4.4	1.2	0	0	2.9	6.7	1.5	3	Tyned	Reconstruct
6/6/2013	None	69K19-01	Yukon Ave S	Yukon Cir	West	Southwest	One Way Directional	Concrete	0		7	5	4.3	8.7	3.2	2.3	5	5		0	0	0	0	0	0	0	0	5.9	1.9	1.7	1	None	Reconstruct
6/6/2013	None	69K29-01	Wyoming Ave S	W 96th St	East	Southeast	One Way Directional	Concrete	0		5	5	8.6	4.6	6.5	4.3	5	5		10	0.4	6.5	0	0	0	0	0	7.1	10.1	3.3	4.3	Tyned	Reconstruct
6/6/2013	None	69N35-01	Wyoming cir		North		One Way Directional	Concrete	0		4	5	3.2	7.2	1.9	1.7	4.8	6		0	0	0	10	4.1	2.9	3	3	5.6	2.6	3.9	1.7	Tyned	Reconstruct
6/6/2013	None	69N38-01	W Bush Lake Rd		East	East	Perpendicular	Concrete	0.5	Hydrant	6.5	7	3.7	7.6	2	2	7.5	8		10	1.4	8	0	0	0	0	0	4	5.7	2	6	Cast Iron	None
6/6/2013	None	69N39-01	W Bush Lake Rd		East	East	One Way Directional	Concrete	0		9	6	2	2	0	0	0	0		0	0	0	0	0	0	0	0	3.7	5.7	1.4	4.9	Cast Iron	None
6/6/2013	None	69O19-01	W 96th St	Yukon Ave S	West	Northwest	Diagonal	Concrete	0		7.5	5.5	6.6	9.2	0	0	0	0		10	4.7	8.4	10	1.2	1.4	1	0	2.8	5.2	2.4	5.6	None	Reconstruct
6/6/2013	None	69O20-01	W 98 th st	Yukon Ave S	East	Northeast	One Way Directional	Concrete	0		7.5	6	1.2	15.9	0	0	0	0		0	0	0	0	0	0	3	4	2.9	7.7	3.3	2.9	Tyned	Reconstruct
6/6/2013	None	69O23-01	W 96th St	Xylon Ave S	North	Northwest	One Way Directional	Concrete	0		8.5	5	5.3	5.1	1.9	6.3	5	5		0	0	0	0	0	0	0	0	10.5	5	4.5	0	None	Reconstruct
6/6/2013	None	69O24-01	W 96th St	Xylon Ave S	North	Northeast	One Way Directional	Concrete	0		10	5	1	4.7	0	0	0	0		0	0	0	0	0	0	0	0	10.7	0.5	1	1.5	None	Reconstruct
6/6/2013	None	69P13-01	Bloomington Ferry Rd	W 96th St	West	Southwest	Perpendicular	Concrete	0		14	5	0	7.7	1.1	0.7	5	16.5		10	1.8	1.6	10	1.7	1.2	0	0	5.4	0.2	2.4	0.4	None	Reconstruct
6/6/2013	None	69P19-01	W 96th St	Yukon Ave S	West	Southwest	Diagonal	Concrete	0		7	8.5	4.1	2.3	0	0	0	0		10	0.7	4.2	10	1.8	8.7	0	0	5.3	4.6	6.2	0.7	None	Reconstruct
6/6/2013	None	69P19-01	W 96th St	Yukon Ave S	West	Southwest	Diagonal	Concrete	0		7.5	5.5	4.2	10.1	0	0	0	0		10	4.9	8.4	10	1.4	1.5	1	0	4.5	4.8	2.4	6.5	None	Reconstruct
6/6/2013	None	69P20-01	W 96th St	Yukon Ave S	East	Southeast	One Way Directional	Concrete	0		5	6	1	14.7	0	0	0	0		0	0	0	0	0	0	2	2	1.3	5.2	3.3	1.3	Tyned	Reconstruct
6/6/2013	None	69P23-01	W 96th St	Xylon Ave S	South	Southwest	One Way Directional	Concrete	0		5	5	5.1	1.8	0	0	0	0		0	0	0	0	0	0	0	0	10.5	5.8	4.4	0.6	None	Reconstruct
6/6/2013	None	69P24-01	W 96th St	Xylon Ave S	South	Southeast	One Way Directional	Concrete	0		13	5	2.5	5.1	0.7	0.9	5	5		0	0	0	0	0	0	0	0	10.4	0.5	0.9	0.1	Cast Iron	None
6/6/2013	None	69P26-01	W 96th St	Wyoming Terrace	South	Southwest	One Way Directional	Concrete	0		8	5	2	2.8	0	0	0	0		0	0	0	0	0	0	0	0	6.9	0.8	0.8	3.6	Tyned	Reconstruct
6/6/2013	None	69P27-01	W 96th St	Wyoming Terrace	South	Southeast	Two Way Directional	Concrete	0		7.2	5	3	7.4	5.6	1.9	5.2	8.5		0	0	0	10	2.2	3.3	0	0	6	1.8	0.5	1.8	Tyned	Reconstruct
6/6/2013	None	69P27-02	W 96th St	Wyoming Terrace	South	Southeast	Two Way Directional	Concrete	0		8	5	1.8	9.6	1.7	5.5	8.5	5.2		10	2.3	1.6	0	0	0	0	0	9	2.5	0.1	2	Tyned	Reconstruct
6/6/2013	None	69P31-01	Wyoming terrace	Wyoming Cir	East	Northeast	One Way Directional	Concrete	0		4.5	5	1.2	4.7	0	0	0	0		0	0	0	0	0	0	0	0	4.8	1	3.1	0	Tyned	Reconstruct
6/6/2013	None	69Q20-01	Yukon Ave S	Yukon cir	West	Northwest	One Way Directional	Concrete	0		11	5	0.5	2.3	0	0	0	0		0	0	0	0	0	0	0	0	6.3	1.2	2.6	1.9	Cast Iron	None
6/6/2013	None	69Q31-01	Wyoming terrace	Wyoming Cir	East	Southeast	One Way Directional	Concrete	0		5.5	5	4.6	3.3	5.4	1	7.5	6		10	1.8	6.1	0	0	0	0	0	7.8	2.1	2.4	1.2	Tyned	Reconstruct
6/6/2013	None	69R20-01	Yukon Ave S	Yukon cir	West	Southwest	One Way Directional	Concrete	0		11.5	5	1.7	5	0	0	0	0		0	0	0	0	0	0	0	0	2.2	5.2	1.9	3	None	Reconstruct
6/6/2013	None	69T35-01	South Bay dr	South Bay dr	North	Northeast	One Way Directional	Concrete	0		5.5	6	3.2	10.6	2.5	4.8	5.6	5		0	0	0	0	0	0	1	1.5	6	3.2	0.1	4	Tyned	Reconstruct
6/6/2013	None	69U35-01	South Bay dr	South Bay dr	East	Southeast	One Way Directional	Concrete	0		5.5	4	2.8	15.8	2.5	6.1	5	6.1		0	0	0	0	0	0	0	0	5.8	4.5	2.9	0.1	Tyned	Reconstruct
6/6/2013	None	69V22-01	W 97th St	Yukon ct	South	Southwest	One Way Directional	Concrete	0		9	5	0.7	7.2	0.2	0.6	5	5		0	0	0	0	0	0	0	0	7.4	3.6	0.7	2.9	None	Reconstruct
6/6/2013	None	69W23-01	W 97th St	Yukon ct	South	Southeast	One Way Directional	Concrete	0		22	5	0.6	5.6	0	1	5	5		0	0	0	0	0	0	0	0	6.5	3.3	1.4	3.5	None	Reconstruct
6/6/2013	None	69W25-01	W 97th St	Xylon Ave S	South	Southwest	One Way Directional	Concrete	0		7.5	5	2.4	0	1.4	1.2	5	5		0	0	0	0	0	0	0	0	3.7	1.2	1	0.2	Cast Iron	None
6/6/2013	None	69W26-01	W 97th St	Xylon Ave S	South	Southeast	One Way Directional	Concrete	0		5.5	5	3	7.9	2.3	5.3	4.5	5		0	0	0	10	1.2	0.3	0	0	9.4	0.3	0.1	0.2	Cast Iron	Reconstruct
6/6/2013	None	69X26-01	Xylon aver	Xylon cir	East	Northeast	One Way Directional	Concrete	0		11	5	4.7	4	1.5	1.5	5	5		0	0	0	0	0	0	0	0	5	1.8	1.7	0.3	Tyned	Reconstruct
6/6/2013	None	69X39-01	South Bay dr	South Bay cir	East	Northeast	One Way Directional	Concrete	0		9	5	6.9	0.3	0	0	0	0		0	0	0	0	0	0	0	0	2.2	5	0.9	2.7	Tyned	Reconstruct
6/6/2013	None	69Y26-01	Xylon aver	Xylon cir	East	Southeast	One Way Directional	Concrete	0		10.5	5	0.9	0	0	0	0	0		0	0	0	0	0	0	0	0	5.3	0.9	2.1	1.3	Cast Iron	None
6/6/2013	None	69Y34-01	Lindstrom	South Bay	North	Northeast	One Way Directional	Concrete	0		6	9	4.6	5	0	0	0	0		10	2.8	2.9	0	0	0	2	2	1.8	1.3	0.9	2.6	Cast Iron	Reconstruct
6/6/2013	None	69Y39-01	South Bay dr	South Bay cir	East	Southeast	One Way Directional	Concrete	0		5.5	5	1.9	1.2	0	0	0	0		0	0	0	0	0	0	0	0	1.1	0.6	0	0.7	Tyned	Reconstruct
6/6/2013	None	69Z38-01	Lindstrom	South Bay dr	North	Northwest	One Way Directional	Concrete	0		6.5	7.5	2.6	6.5	0	0	0	0		0	0	0	0	0	0	0	0	3.1	1.2	0.8	1	Cast Iron	Reconstruct
6/6/2013	None	69Z39-01	Lindstrom	South Bay	North	Northeast	Diagonal	Concrete	0		6	5	5.8	6.2	0	0	0	0		10	1.1	4.3	0	0	0	1	6	1.4	6.5	2.6	6	Cast Iron	Reconstruct
6/7/2013	None	62L27-01	W Bush Lake Rd		East		One Way Directional	Concrete	0		7	11	0.2	0.5	0	0	0	0		0	0	0	0	0	0	0	0	1.9	0.5	3	0.3	Cast Iron	None
6/7/2013	None	62Z24-01	W 94th st		North		Perpendicular	Concrete	0		5	5	6.6	4.7	6.8	1.4	5	5	10	10	0.4	6.5	0	0	0	0	0	7	10.3	3.2	9.3	Tyned	Reconstruct
6/7/2013	None	62Z28-01	w 94th st		East	East	One Way Directional	Asphalt	0		8	8.5	3.6	0	0	0	0	0		0	0	0	0	0	0	0	0	9.6	2.6	5.3	4.5	None	Reconstruct
6/7/2013	None	69B33-01	W Bush Lake Rd	W 95th St	West	Northwest	One Way Directional	Concrete	0		5.5	5.5	3.5	8.2	2.3	2.8	5	5		10	2.8	1.3	0	0	0	2	4.5	2.6	0.5	0.4	0.6	Cast Iron	Reconstruct
6/7/2013	None	69B34-01	W Bush Lake Rd	W 95th St	West	Northwest	One Way Directional	Concrete	0		9	4.5	1.6	4.9	2.8	2.3	5	5		0	0	0	10	3.3	2.7	2	0	6.4	0.9	0.7	0.7	Cast Iron	None
6/7/2013	None	69B35-01	W Bush Lake Rd		East	Northeast	One Way Directional	Concrete	0		6.5	10	0.3	5	0	0	0	0		0	0	0	0	0	0	0	0	10.7	0.9	3.3	0.7	Cast Iron	None
6/7/2013	None	69B36-01	W Bush Lake Rd	Park Ave S	East	Northeast	One Way Directional	Concrete	0		7	11	1.5	1	0	0	0	0		0	0	0	0	0	0	0	0	5.4	1	0.7	2.6	Cast Iron	None
6/7/2013	None	69C34-01	W Bush Lake Rd	Park Ave S	West	Southwest	One Way Directional	Concrete	0		6.5	5.2	0.9	7.1	1.8	8.4	5	5		0	0	0	10	4	2.4	0	0	7.6	0.9	0.8	1.1	Cast Iron	Reconstruct
6/7/2013	None	69C36-01	W Bush Lake Rd	Park Ave S	East	Southeast	One Way Directional	Concrete	0		6.8	11	1.6	4.8	0	0	0	0		0	0	0	0	0	0	0	0	4.6	1.4	1.2	2.8	Cast Iron	None
6/7/2013	None	69U45-01	W Bush Lake Rd	Lindstrom Dr	East	Northeast	Parallel	Asphalt	0		7	13	0.2	4.6	0	0	0	0		0	0	0	0	0	0	3	0	8.1	1.6	1.9	0.4	None	Reconstruct
6/7/2013	None	69U46-01	Lindstrom	W bush lake rd	East	Northeast	Parallel	Concrete	0		5.2	14.5	0.5	5.7	0.2	1.4	4	14.5		10	1.7	0.2	10	0.2	0.1	2	2	5.6	0.4	2.5	0.2	Cast Iron	Monitor
6/7/2013	None	69V44-01	Lindstrom	W bush lake rd	West	Northwest	One Way Directional	Concrete	0		9	8	3	8.9	3.8	8.8	6	8		0	0	0	10	7.4	1.2	1	0	6.3	6.4	0.8	5.6	Cast Iron	Reconstruct
6/7/2013	None	69W47-01	Lindstrom	Bush lake dr	East	Southeast	Depressed Corner	Concrete	0		6	13	4.7	8	0	0	0	0		10	3.1	1.6	10	0.9	5	2	3	6.1	3.5	1.1	3.6	Cast Iron	Reconstruct
6/7/2013	None	69X46-01	Lindstrom	Bush lake dr	East	Southeast	One Way Directional	Concrete	0		6.5	5	1.2	12.7	0	0	0	0		0	0	0	0	0	0	1	1	5.6	5.1	4.1	1.4	Cast Iron	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/7/2013	None	70A25-01	Lindstrom dr	Xylon Ave S	North	Northwest	One Way Directional	Concrete	0		7	8	1.6	3.9	0	0	0	0		0	0	0	0	0	0	0	0	7.7	6.3	3.7	1.8	Cast Iron	None
6/7/2013	None	70A26-01	Lindstrom dr	Xylon Ave S	North	Northeast	Diagonal	Concrete	0		7	8.5	5.5	5.6	0	0	0	0		10	6.2	4.8	10	2.2	6.5	0	0	9.4	6.6	3.2	4.6	Cast Iron	Reconstruct
6/7/2013	None	70B27-01	Lindstrom dr	Bush lk dr	South	Southeast	One Way Directional	Concrete	0		10	5	0.5	7.8	0	0	0	0		0	0	0	0	0	0	2	2	4.2	7	1.7	5.8	Cast Iron	Reconstruct
6/7/2013	None	70B27-01	Lindstrom dr	Bush lake dr	South	Southwest	Diagonal	Concrete	0		9.8	9.4	0.8	0.4	0	0	0	0		10	0.7	2.4	10	3.3	7.3	2	2	3.7	4.9	5.1	0.7	Cast Iron	None
6/7/2013	None	70C07-01	Cavell aver s	W 98th St	West	Northwest	One Way Directional	Concrete	0		8.5	5	1.8	9.4	0	0	0	0		0	0	0	0	0	0	0	0	6.9	0.2	1.5	2	None	Reconstruct
6/7/2013	None	70C08-01	Cavell aver s	W 98th St	East	Northeast	Two Way Directional	Concrete	0		5.5	5	0.7	10.2	0	0	0	0		0	0	0	10	0.9	8.1	2	0	10.2	2.4	2.4	0.6	None	Reconstruct
6/7/2013	None	70C08-02	Cavell aver s	W 98th St	South	Northeast	Two Way Directional	Concrete	0		10	5.5	5.2	6.5	0	0	0	0		0	0	0	0	0	0	0	2	12.8	1.1	1.6	1.2	None	Reconstruct
6/7/2013	None	70C11-01	Bloomington Ferry Rd	W 98th St	North	Northwest	Two Way Directional	Concrete	0		9	5	1.8	6.7	1.1	0.8	5	5	14	10	1.3	4.4	0	0	0	0	2.5	3.3	1	1	1.4	Tyned	Reconstruct
6/7/2013	None	70C12-01	Bloomington Ferry Rd	W 98th St	North	Northwest	Two Way Directional	Concrete	0		7	5	0.8	8.1	0.7	1.3	5	5	12	0	0	0	10	1.5	1.5	3	0	2.1	1.6	0.1	1.3	Tyned	Reconstruct
6/7/2013	None	70C13-01	Bloomington Ferry Rd	Lindstrom Dr	East	Northeast	Depressed Corner	Concrete	0		11.5	18	0.6	3.1	0	0	0	0		10	0.7	1.3	10	1.5	3.1	2	0	2.7	1.2	1.2	2.3	Cast Iron	None
6/7/2013	None	70D08-01	Cavell aver s	W 98th St	East	Southeast	Two Way Directional	Concrete	0		8.7	4.7	1.9	17	0	0	0	0		10	2.3	1.4	0	0	0	0	2	9.5	0.2	2.4	3.2	None	Reconstruct
6/7/2013	None	70E08-01	Cavell aver s	Cavell cir E	East	Northeast	One Way Directional	Concrete	0		8	5	2.7	6.9	0	0	0	0		0	0	0	0	0	0	0	0	4.3	3	0	1.7	None	Reconstruct
6/7/2013	None	70E11-01	Bloomington Ferry Rd	W 98th St	South	Southwest	One Way Directional	Concrete	0		9.2	5	4.2	6.2	0	0	0	0		0	0	0	0	0	0	0	0	6.8	1	2.5	0.1	None	Reconstruct
6/7/2013	None	70E11-02	Bloomington Ferry Rd	W 98th St	South	Southwest	Perpendicular	Concrete	0		14.5	5	1.2	13.9	3.4	1.6	5	5	19.5	10	1.4	2.6	10	1.7	23	0	0	10.4	2.1	0.7	2	None	Reconstruct
6/7/2013	None	70E13-01	Bloomington Ferry Rd	Lindstrom Dr	East	Southeast	Depressed Corner	Concrete	0		13	24	4.2	1.7	0	0	0	0		10	0.2	4.9	10	2.6	1.5	1	2	7	1.9	1.1	3.9	Cast Iron	Reconstruct
6/7/2013	None	70E14-01	Lindstrom dr	Aquila Rd	South	Southwest	One Way Directional	Concrete	0		6	6	5	5.7	0	0	0	0		0	0	0	0	0	0	2	2	6.7	3.2	0.7	1.6	Cast Iron	Reconstruct
6/7/2013	None	70E15-01	Lindstrom rd	Aquila Rd	East	Southeast	One Way Directional	Concrete	0		11.5	5.5	3.6	4.5	4	1.4	5	5	16.5	0	0	0	0	0	0	2	2	7.2	0.4	2.9	1.1	Cast Iron	Reconstruct
6/7/2013	None	70F08-01	Cavell aver s	Cavell cir E	East	Southeast	One Way Directional	Concrete	1	Power pole	6.8	5	2.7	3.6	0	0	0	0		0	0	0	0	0	0	0	0	12	5.4	4.2	2	None	Reconstruct
6/7/2013	None	70H08-01	Cavell aver s	Cavell cir	East	Northeast	One Way Directional	Concrete	0		7.5	7	5.1	5.8	0	0	0	0		0	0	0	0	0	0	1	1	6.9	2.8	0.9	0.2	None	Reconstruct
6/7/2013	None	70I08-01	Cavell aver s	Cavell cir	East	Southeast	One Way Directional	Concrete	1	Power pole	7.8	6	7.3	5.7	0	0	0	0		0	0	0	0	0	0	2	1	5.2	0.6	1.9	0.7	None	Reconstruct
6/7/2013	None	70K13-01	Bloomington Ferry Rd	Aquila Rd	East	Northeast	One Way Directional	Concrete	0		10	14	0.1	9.1		0	0			0	0	0	0	0	0	0	0	2.7	2.9	0.2	3.7	Cast Iron	Reconstruct
6/7/2013	None	70L13-01	Bloomington Ferry Rd	Aquila Rd	East	Southeast	One Way Directional	Concrete	0		12	11.5	0.9	2.3	0	0	0	0		0	0	0	0	0	0	0	0	3.6	0	1.3	1.3	Cast Iron	None
6/7/2013	None	70O12-01	Bloomington Ferry Rd	W 100th St	West	Northwest	Two Way Directional	Concrete	0		11.5	5	5.2	5.7	3.3	2.1	5	5	16.5	0	0	0	10	2.5	3.2	0	0	2	1.7	0.9	0.8	Tyned	Reconstruct
6/7/2013	None	70O12-02	Bloomington Ferry Rd	W 100th St	West	Northwest	Two Way Directional	Concrete	0		7.5	5	1.5	7.6	1.9	3	5	5	12.5	10	5	4.3	0	0	0	0	0	7.2	2.4	1.2	0.6	None	Reconstruct
6/7/2013	None	70O13-01	Bloomington Ferry Rd	W 100th St	East	Northeast	Parallel	Concrete	0		5.5	7.8	1.5	9.9	1.4	2	10	7	15.5	10	1.9	1.5	10	2.8	1.3	1	1	5.5	1.1	2	1.2	Cast Iron	None
6/7/2013	None	70P12-01	Bloomington Ferry Rd	W 100th St	West	Southwest	One Way Directional	Concrete	0		11	5	2.7	6.3	0	0	0	0		0	0	0	0	0	0	0	0	6.5	1.5	1.3	1.4	None	Reconstruct
6/7/2013	None	70S12-01	Bloomington Ferry Rd	W 101st St	West	Northwest	One Way Directional	Concrete	0		11	5	2	5.8	1.7	2	5	5	16	0	0	0	0	0	0	2	3	11	2	1.9	0.7	Cast Iron	None
6/7/2013	None	70S13-01	Bloomington Ferry Rd	Boone cir	East	Northeast	One Way Directional	Concrete	0		9.5	11	1.6	3.8	0	0	0	0		0	0	0	0	0	0	2.5	2.5	2.1	0.5	1.7	2.1	Cast Iron	None
6/7/2013	None	70T12-01	Bloomington Ferry Rd	W 101st St	West	Southwest	One Way Directional	Concrete	0		6	4.5	0.4	11.2	0.9	2	5	5	11	0	0	0	0	0	0	2.5	2	3.5	3.3	0.3	1	Cast Iron	None
6/7/2013	None	70T13-01	Bloomington Ferry Rd	Boone cir	East	Southeast	One Way Directional	Concrete	0		11.5	10	0.7	3.3	0	0	0	0		0	0	0	0	0	0	2.5	2.5	1.4	0.2	0.9	0.1	Cast Iron	None
6/7/2013	None	70V13-01	Bloomington Ferry Rd	Boone cir S	West	Northwest	One Way Directional	Concrete	0		7.7	4	1.8	8	0	0	0	0		0	0	0	0	0	0	3.5	3	5.4	1.2	1	1	Cast Iron	Reconstruct
6/7/2013	None	70W13-01	Bloomington Ferry Rd	Boone cir S	West	Southwest	One Way Directional	Concrete	0		5	5.5	1.9	1.8	0	0	0	0		0	0	0	0	0	0	3	2.3	2.6	1.8	4.1	1.2	Cast Iron	None
6/7/2013	None	70Z13-01	Bloomington Ferry Rd	Pioneer trail	West	Northwest	Diagonal	Concrete	0		155	5	0.3	5.2	2	2	5	5	20.5	10	2.8	1.2	10	3.1	0.2	0	0	5.1	1.9	3	1.2	None	Reconstruct
6/10/2013	None	70L32-01	W 99	Virginia Ave S	South	Southwest	One Way Directional	Concrete	0		10	6.5	1.7	6.5	1.3	1.4	5	5		0	0	0	0	0	0	2.5	0	11.6	0.1	1.7	0.1	Colored Concrete	Reconstruct
6/10/2013	None	70N32-01	W 100th St	Virginia Ave S	North	Northwest	One Way Directional	Concrete	0		8.5	6.5	2.5	5.6	1.8	0.9	5.6	5		0	0	0	0	0	0	3	2	8.3	2.3	2.2	2.2	Colored Concrete	None
6/10/2013	None	70P29-01	Yukon Ave S	Zinran rd	West	Northwest	Diagonal	Concrete	0		9	8	0.3	8.7	0	0	0	0		10	5.7	5.6	0	0	0	2	4	4.4	0.7	3.1	1.5	Tyned	Reconstruct
6/10/2013	None	70Q29-01	Yukon Ave S	Zinran rd	West	Southwest	One Way Directional	Concrete	0		8	6	0.9	5	0	0	0	0		0	0	0	0	0	0	1	1	12.4	2.3	4.3	0.6	None	Reconstruct
6/10/2013	None	70S29-01	Yukon Ave S	W 101st St	West	Northwest	Parallel	Concrete	0		5.5	5	3	8.3	2	2	5	5	10.5	10	2.7	2.3	10	1.9	2.9	0	0	10.6	3.2	4.7	2.1	Cast Iron	Reconstruct
6/10/2013	None	70S30-01	Yukon Ave S	W 101st St	East	Northeast	One Way Directional	Concrete	0		9.2	7.5	0	0.7	0	0	0	0		0	0	0	0	0	0	1	1	5.6	1.1	2.2	3.6	None	Reconstruct
6/10/2013	None	70S35-01	W 101 St	Utah Ave S	North	Northwest	Parallel	Concrete	0		9	5	2	3.2	0	0	0	0		10	2.7	2	0	0	0	6	6	7.3	0.3	1.4	0.5	Cast Iron	None
6/10/2013	None	70S36-01	W 101 St	Utah Ave S	North	Northeast	Parallel	Concrete	0		5.5	5	2.4	9.9	1.6	1.9	4.5	3.7		0	0	0	10	7.3	4.1	7	3.5	5.8	1.8	2.9	0.9	Cast Iron	Reconstruct
6/10/2013	None	70S36-02	W 101 St	Utah Ave S	North	Northeast	Parallel	Concrete	0		4	5	2.3	6.4	1.7	1	4	4		0	0	0	0	0	0	6	7	4.4	0.9	0.1	1.1	Cast Iron	Reconstruct
6/10/2013	None	70T36-01	W 101 St	Utah Ave S	South	Southeast	One Way Directional	Concrete	0		5.5	5	0.4	2.9		0	0	0		10	0.4	3.6	0	0	0	5	3	8.4	0.3	2.7	0.3	Cast Iron	None
6/10/2013	None	70T48-01	W 101 St	Quebec Ave S	North	Northwest	One Way Directional	Concrete	0		14	7.5	1.3	4	0	0	0	0		0	0	0	0	0	0	1	2	9.3	2	0.5	0.7	None	Reconstruct
6/10/2013	None	70T49-01	W 101 St	Quebec Ave S	North	Northeast	One Way Directional	Concrete	0		8.5	5	1	0.8	0	0	0	0		0	0	0	0	0	0	0	0	10.1	3.2	4.3	0.1	Cast Iron	None
6/10/2013	None	70T51-01	Bush lake rd	W 101st St	West	Northwest	One Way Directional	Asphalt	0		11	7	1.6	4.7	0	0	0	0		0	0	0	0	0	0	0	0	4.9	2.1	1.7	2.4	None	Reconstruct
6/10/2013	None	70U51-01	Bush lake rd	W 101st St	West	Southwest	One Way Directional	Asphalt	0		15	6.3	0	4.5	0	0	0	0		0	0	0	0	0	0	0	0	7.8	0.9	0.7	1.6	None	Reconstruct
6/10/2013	None	70W24-01	W 102nd St	Zinran rd	North	Northwest	One Way Directional	Concrete	0		7.5	6	0.5	4.8	0	0	0	0		0	0	0	0	0	0	1	1	9	1.1	2.6	2.4	None	Reconstruct
6/10/2013	None	70W29-01	Yukon Ave S	W 102nd St	West	Northwest	One Way Directional	Concrete	0		10	7.5	0.2	3.8	0	0	0	0		0	0	0	0	0	0	3	1	7.2	1.2	2.9	2.9	None	Reconstruct
6/10/2013	None	70X24-01	W 102nd St	Zinran rd	South	Southwest	Parallel	Concrete	1	Mailbox	5.5	7	1.2	17.5	3.4	1.8	15	5	10.5	10	3.1	0.1	10	2.3	0	1	1	8	1.9	3.4	0.8	None	Reconstruct
6/10/2013	None	70X29-01	Yukon Ave S	W 102nd St	West	Southwest	Diagonal	Concrete	0		7	6.5	2.3	5.8	0	0	0	0		10	0.9	3.8	10	6.1	1.7	4	1	7.8	1.3	3.8	2.3	None	Reconstruct
6/10/2013	None	70Z17-01	Bloomington Ferry Rd	Pioneer	North	Northeast	Perpendicular	Concrete	0		9.5	5	1.6	5.1	3.2	1.9	5	5		10	1.8	2.3	10	0.6	2.8	0	0	12.7	2.6	1.4	2.4	None	Reconstruct
6/10/2013	None	71A29-01	Bloomington Ferry Rd	Yukon Ave S	North	Northwest	Depressed Corner	Concrete	0		8	12	0.1	0.7	0	0	0	0		10	2.4	0.7	10	1.5	1.9	0	0	5.2	0.5	3.4	1.5	Cast Iron	None
6/10/2013	None	71A30-01	Bloomington Ferry Rd	Yukon Ave S	North	Northeast	One Way Directional	Concrete	0		6	5	0.9	4.4	0	0	0	0		0	0	0	0	0	0	0	2	3.7	1.8	0.4	0.6	Cast Iron	None
6/10/2013	None	71A30-02	Bloomington Ferry Rd	Yukon Ave S	North	Northeast	Diagonal	Concrete	0		6.5	5	3.5	3.9	0	0	0	0		0	0	0	0	2.6	3.3	4.7	0	6.4	0.2	2.6	0	Cast Iron	Reconstruct
6/10/2013	None	71B29-01	Bloomington Ferry Rd	Yukon Ave S	South	Southwest	Depressed Corner	Concrete	0		8	18	1.4	3	0	0	0	0		0	0	0	0	0	0	0	0	7.6	2.3	1.4	0.2	Cast Iron	None

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/10/2013	None	71B29-02	Bloomington Ferry Rd	Yukon Ave S	South	Southwest	One Way Directional	Concrete	0		8.5	5.5	0	0.8	0	0	0	0		0	0	0	0	0	0	0	0	8.8	0.9	2.3	1.8	Cast Iron	None
6/10/2013	None	71B30-01	Bloomington Ferry Rd	Yukon Ave S	South	Southeast	One Way Directional	Concrete	0		8.5	6	2	1.6	0	0	0	0		10	0.8	1.6	0	0	0	0	0	6.6	1	2.4	0	Cast Iron	None
6/10/2013	None	71B30-02	Bloomington Ferry Rd	Yukon Ave S	South	Southeast	Depressed Corner	Concrete	0		11	25	1	3.4	0	0	0	0		0	0	0	0	0	0	0	0	8.2	2.5	0.7	1.8	Cast Iron	None
6/10/2013	None	71E39-01	Utah	W 102nd St	South	Southwest	One Way Directional	Concrete	0		12.5	5	0	5	0	0	0	0		0	0	0	0	0	0	2	0	10.8	4.5	2	6	Cast Iron	None
6/10/2013	None	71F40-01	Utah	W 102nd St	South	Southeast	One Way Directional	Concrete	0		6	5	1.3	10.4	0	0	0	0		0	0	0	10	3.7	0.5	0	0	3.2	3.4	1.8	2.4	None	Reconstruct
6/10/2013	None	71G44-01	Rhode Island Ave S	W 102nd St	West	Southwest	One Way Directional	Concrete	0		7	5	1.7	4.4	0	0	0	0		0	0	0	0	0	0	0	0	8.9	0.5	2.3	1.4	None	Reconstruct
6/10/2013	None	71G45-01	Rhode Island Ave S	W 102nd St	East	Southeast	Two Way Directional	Concrete	0		8.5	4	4.3	8.2	0.4	5.4	5	5		0	0	0	10	2.8	1.4	4.5	0	6.8	1.8	3.2	1.8	None	Reconstruct
6/10/2013	None	71G45-02	Rhode Island Ave S	W 102nd St	South	Southeast	Two Way Directional	Concrete	0		4.5	5	4.4	6.2	5	0.2	5	5		10	2.4	0.4	0	0	0	0	4.5	6	1.1	4.5	0.2	None	Reconstruct
6/11/2013	None	71A38-01	Bloomington Ferry Rd	W 106th St	West	Southwest	Two Way Directional	Concrete	0		14.2	5	0.3	1.4	1.6	2.7	5	5	19.2	10	0.7	4.8	10	2.1	3.2	0	0	6.4	1.2	3	0.1	None	Reconstruct
6/11/2013	None	71A39-01	Bloomington Ferry Rd	W 106th St	East	Southeast	Two Way Directional	Concrete	0		14	5	1.8	1.8	0	0	0	0		0	0	0	0	0	0	0	0	6.4	2	2.6	0.5	Tyned	Reconstruct
6/11/2013	None	71B19-01	Bloomington Ferry Rd	Zinran rd	South	Southwest	One Way Directional	Concrete	0		10.6	10	1	4.7	0	0	0	0		10	2.8	0.1	0	0	0	0	0	6.2	3	2.5	2.8	Cast Iron	None
6/11/2013	None	71B20-02	Bloomington Ferry Rd	Zinran rd	South	Northeast	One Way Directional	Concrete	0		11	10.6	1.9	3.4	0	0	0	0		0	0	0	0	0	0	0	0	3.5	1.5	1.3	1.7	Cast Iron	None
6/11/2013	None	71B38-01	Bloomington Ferry Rd	W 106th St	West	Southwest	Two Way Directional	Concrete	0		16.5	5	0.7	4.8	1.6	2.7	5	5	21.5	10	1.5	0.7	0	0	0	0	0	9.4	2.1	3.4	1.8	None	Reconstruct
6/11/2013	None	71B39-01	Bloomington Ferry Rd	W 106th St	East	Southeast	Two Way Directional	Concrete	0		8.5	5	1.7	3.8	0	0	0	0		0	0	0	0	0	0	0	0	13.6	0.4	2.2	1.5	None	Reconstruct
6/11/2013	None	71C19-01	Zinran rd	W 103rd st	West	Northwest	Two Way Directional	Concrete	0		4	6	0.4	11.9	2	0.7	3	3	7	10	4	3.2	10	0.9	3.8	4	3.5	8.5	3.9	4	0.8	None	Reconstruct
6/11/2013	None	71C19-02	Zinran rd	W 103rd st	West	Northwest	Two Way Directional	Concrete	0		4	5	3.1	15.9	0	0	0	0		10	4	3.2	10	0.9	3.8	2	3	3.1	3.3	1.1	1.4	None	Reconstruct
6/11/2013	None	71C20-01	Zinran rd	W 103rd st	East	Northeast	One Way Directional	Concrete	0		8.2	5	4	3.7	0	0	0	0		0	0	0	0	0	0	0	0	7.6	1.5	0.9	1.2	None	Reconstruct
6/11/2013	None	71C5-01	W 103rd St	W 103rd st cir	North	Northeast	One Way Directional	Concrete	0		12.6	4.5	2	3.7	0	0	0	0		0	0	0	0	0	0	2	0	9.2	1.4	1.2	0.6	None	Reconstruct
6/11/2013	None	71D15-01	W 103rd St	W 103rd st cir	North	Northwest	One Way Directional	Concrete	0		8	6	1.8	4.7	0	0	0	0		0	0	0	0	0	0	0	0	6.3	0.7	1.2	0.2	None	Reconstruct
6/11/2013	None	71D19-01	Zinran rd	W 103rd st	West	Southwest	One Way Directional	Concrete	0		7	6	4	2.4	0	0	0	0		0	0	0	0	0	0	0	0	2.4	0.7	0.8	0.6	None	Reconstruct
6/11/2013	None	71E09-01	W 103rd St	Cavell aver s	North	Northwest	One Way Directional	Concrete	0		7.3	7	1.5	9.9	1.5	2	5	5	12.3	0	0	0	0	0	0	0	0	6.7	0.7	6.2	0.8	None	Reconstruct
6/11/2013	None	71E10-01	W 103rd St	Cavell aver s	North	Northeast	One Way Directional	Concrete	0		10.2	6.6	1.5	4.8	0	0	0	0		0	0	0	0	0	0	2	2	3.8	0.2	2.1	1.4	None	Reconstruct
6/11/2013	None	71F37-01	Bloomington Ferry Rd	W 102nd St	West	Southwest	Perpendicular	Concrete	0		16.4	8	1.7	3.8	0	0	0	0		0	0	0	10	1.5	3.3	10	0	2.1	3.1	0.7	3.4	Cast Iron	None
6/11/2013	None	71F38-01	Bloomington Ferry Rd	W 102nd St	East	Northwest	Diagonal	Concrete	0		6	6	1.5	4.5	0	0	0	0		10	0.6	2.7	10	1.6	1.9	2	3	4.9	5	3.8	1.9	Cast Iron	Reconstruct
6/11/2013	None	71F38-02	Bloomington Ferry Rd	W 102nd St	East	Northeast	Diagonal	Concrete	0		7.5	10.3	2.5	4.2	0	0	0	0		10	1.7	0.1	10	0.8	6.6	0	3	4.2	2.4	2.1	1.6	Cast Iron	Reconstruct
6/11/2013	None	71F52-01	Bush lake rd	W 102nd St	West	Northwest	One Way Directional	Concrete	0		7.5	5	0.6	1.2	0	0	0	0		0	0	0	0	0	0	0	0	5.5	0.2	2	0.7	None	Reconstruct
6/11/2013	None	71G37-01	Bloomington Ferry Rd	W 102nd St	West	Southwest	One Way Directional	Concrete	0		6	10	1.7	2.7	0	0	0	0		0	0	0	10	2.4	2.9	0	9.5	8.4	1.4	4.5	2.2	Cast Iron	None
6/11/2013	None	71G37-02	Bloomington Ferry Rd	W 102nd St	South	Southwest	One Way Directional	Concrete	0		6	5	0.8	2.8	0	0	0	0		0	0	0	0	0	0	0	0	1.2	0.3	5.2	0.2	Cast Iron	None
6/11/2013	None	71G38-01	Bloomington Ferry Rd	W 102nd St	West	Southeast	One Way Directional	Concrete	0	Signal Base	12.5	11.5	1.6	5	0	0	0	0		10	1.5	5.5	0	0	0	0	3	3.2	1	1	4.7	Cast Iron	None
6/11/2013	None	71G50-01	W 102nd St	Quebec Ave S	East	Southeast	One Way Directional	Concrete	0		12.2	6	1.8	0.2	0	0	0	0		0	0	0	0	0	0	1	1	7.4	2.9	3.7	0.6	Cast Iron	None
6/11/2013	None	71G51-01	W 102nd St	Quebec rd	East	Southeast	One Way Directional	Concrete	0		8.6	8	1.1	8.2	1.9	4.2	5	5	13.5	0	0	0	0	0	0	1	0	9.1	4.8	0.2	2.9	Cast Iron	Reconstruct
6/11/2013	None	71G52-01	Bush lake rd	W 102nd St	West	Southwest	Perpendicular	Concrete	0		10.3	5	0.5	3	0	0	0	0		0	0	0	10	0.5	0.9	0	0	2.1	0.6	1.6	1.3	None	Reconstruct
6/11/2013		71H38-01	Bloomington Ferry Rd	W 102nd St	West	Southeast	One Way Directional	Concrete	0		9.3	10	0.8	5	0	0	0	0		0	0	0	0	0	0	3	0	1.3	2	5.8	3.3	Cast Iron	None
6/11/2013	None	71H38-02	Bloomington Ferry Rd	W 102nd St	West	Southeast	One Way Directional	Concrete	0		8.2	5	1.1	4.5	0	0	0	0		0	0	0	0	0	0	0	0	1.6	1.3	5.6	1.5	Cast Iron	None
6/11/2013	None	71I45-01	Rhode Island Ave S	W 103rd st	East	Northeast	One Way Directional	Concrete	0		10.8	4	2	0.9	0	0	0	0		0	0	0	0	0	0	0	0	7.6	4.3	1.6	1	Cast Iron	None
6/11/2013	None	71J45-01	Rhode Island Ave S	W 103rd st	East	Southeast	One Way Directional	Concrete	0.5	Fence	10.8	4	0.3	5.8	0	0	0	0		0	0	0	0	0	0	0	0	7.6	2.9	1.4	1.4	Cast Iron	Reconstruct
6/11/2013	None	71L06-01	Decatur aver s	W 104th st	West	Southwest	Perpendicular	Concrete	0		5.5	7.5	2.5	11.2	3.4	2	5	7.5	10.5	10	4	2.2	10	3.5	1.2	0	0	7.6	3.2	1.3	2.1	None	Reconstruct
6/11/2013	None	71L06-02	Decatur aver s	W 104th st	West	Southwest	One Way Directional	Concrete	0		5.5	9.2	2.2	6.8	1.8	3.3	5	8.6	10.5	10	4.4	3.1	10	4	2.2	0	0	6.2	0.5	1.8	1.1	None	Reconstruct
6/11/2013	None	71L45-01	Rhode Island Ave S	W 104th st	East	Northeast	One Way Directional	Concrete	0		12.8	7	2	4.5	0	0	0	0		0	0	0	0	0	0	0	0	3.1	1.2	2.1	2.2	Cast Iron	None
6/11/2013	None	71M06-01	Decatur aver s	W 104th st	East	Southeast	One Way Directional	Concrete	0		9	6	0.6	4.5	0	0	0	0		0	0	0	0	0	0	0	0	12.2	2	2	1	None	Reconstruct
6/11/2013	None	71M45-01	Rhode Island Ave S	W 104th st	East	Southeast	One Way Directional	Concrete	0		11.5	6	2	1.3	0	0	0	0		0	0	0	0	0	0	1	1	3.5	0.5	4	1.6	Cast Iron	None
6/11/2013	None	71P45-01	Rhode Island Ave S	Rhode Island cir	East	Northeast	One Way Directional	Concrete	0		4.5	6	1.4	5	0	0	0	0		0	0	0	0	0	0	0	1	2.1	2.5	3.9	1.6	Cast Iron	None
6/11/2013	None	71Q45-01	Rhode Island Ave S	Rhode Island cir	East	Southeast	One Way Directional	Concrete	0		15.8	5.5	1.9	4.6	0	0	0	0		0	0	0	0	0	0	0	0	3.6	1.5	4.1	0.5	Cast Iron	Monitor
6/11/2013	None	71R44-01	Rhode Island Ave S	W 105th St	West	Southwest	One Way Directional	Concrete	2	Hydrant	7	6	0.7	4.5	0	0	0	0		0	0	0	0	0	0	0	0	3.9	1.7	3	3.2	Cast Iron	None
6/11/2013	None	71S45-01	Rhode Island Ave S	W 105th St	East	Northeast	One Way Directional	Concrete	0		10.5	6	2.5	5.2	0	0	0	0		0	0	0	0	0	0	1	0	7.1	0.8	2.6	2.1	Cast Iron	Reconstruct
6/11/2013	None	71T45-01	Rhode Island Ave S	W 105th St	East	Southeast	One Way Directional	Concrete	0		6.2	6	2	4.5	0	0	0	0		0	0	0	0	0	0	0	0	2.8	0.6	4.1	0.6	Cast Iron	None
6/11/2013	None	71V52-01	Bush lake rd	Quebec rd	West	Northwest	Diagonal	Concrete	0		9.2	5.4	0.6	9.5	0	0	0	0		0	0	0	0	0	0	2	3	0.9	2.2	2.8	1.5	Cast Iron	Reconstruct
6/11/2013	None	71W52-01	Bush lake rd	Quebec rd	West	Southwest	One Way Directional	Concrete	0		11	6	2.3	1.8	0	0	0	0		0	0	0	0	0	0	2.5	2.5	1.5	0.3	4.5	0.6	Cast Iron	Reconstruct
6/11/2013	None	71Y38-01	Bloomington Ferry Rd	W 106th St	West	Northwest	Two Way Directional	Concrete	0		7	6	0	4.8	0	0	0	0		0	0	0	10	2	2.3	0	0	8.4	1.3	1.4	1.2	Cast Iron	None
6/11/2013	None	71Y39-01	Bloomington Ferry Rd	W 106th St	East	Northeast	Two Way Directional	Concrete	0		16	4.5	1.8	2	3.5	3.4	5	5	21	10	1.8	0	10	1.6	4.7	0	0	8	1.1	2.5	0.7	Cast Iron	None
6/11/2013	None	71Z38-01	Bloomington Ferry Rd	W 106th St	West	Northwest	Two Way Directional	Concrete	0		15.5	6.5	2.8	3.2	2.6	1.7	6	7.3	21.5	10	2.3	3.8	10	1.1	1.3	0	0	7.2	1.9	4.8	1	Cast Iron	Reconstruct
6/11/2013	None	71Z39-01	Bloomington Ferry Rd	W 106th St	East	Northeast	Two Way Directional	Concrete	0		12	5	1.6	4.7	3.6	3	5	5	17	10	2	3	10	2.4	2.9	0	0	14.1	0.2	2.3	0.9	Cast Iron	None
6/11/2013	None	71Z44-1	W 106th St	Rhode Island Ave S	North	Northwest	One Way Directional	Concrete	0		6	6	6.4	5.1	4.1	1.3	5	5	11	0	0	0	10	3.2	4.8	0	1	3	3.5	4.5	2.7	Cast Iron	Reconstruct
6/11/2013	None	71Z45-01	W 106th St	Rhode Island Ave S	East	Northeast	Two Way Directional	Concrete	0		11.3	6	0.3	1.8						10	1.3	0.7	10	2.4	1.8	1	1	7.3	1.8	0.2	0.9	Cast Iron	Reconstruct
6/11/2013	None	71Z45-02	W 106th St	Rhode Island Ave S	East	Northeast	Two Way Directional	Concrete	0		12	6	2	1.6	0	0	0	0		0	0	0	0	0	0	0	0	7.9	2.9	3.4	2.7	Cast Iron	Monitor
6/14/2013	None	71H31-01	W 103rd St	Xylon Rd S	North	Northwest	Perpendicular	Concrete	0		6	6	0	16.1	0.6	6.5	5.5	5		10	3.1	1.6	10	2.1	0.9	0	0	6.1	0.4	2.5	0.7	None	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/14/2013	None	71I30-01	W 103rd St	Xylon Rd S	South	Southwest	One Way Directional	Concrete	0		7.5	5	2	4.3	0	0	0	0		0	0	0	0	0	0	0	2	6.4	0.4	0.6	0.9	None	Reconstruct
6/14/2013	None	71I34-01	W 103rd St	Wyoming Ave S	North	Northeast	Perpendicular	Concrete	0		5.5	8	0.5	15	1.2	2.5	5	8		10	3	0.9	10	3.3	1.2	0	0	9.4	0.5	3.8	0.1	None	Reconstruct
6/14/2013	None	71J34-01	W 103rd St	Wyoming Ave S	South	Southeast	One Way Directional	Concrete	0		8	5	1.9	2.9	0	0	0	0		0	0	0	0	0	0	2	1	5.2	1.8	1.8	0.3	None	Reconstruct
6/14/2013	None	71M20-01	W 104th st	Zinran aver s	North	Northwest	One Way Directional	Concrete	0		8.5	5	0.5	2.3	0	0	0	0		0	0	0	0	0	0	0	0	5.4	0.4	2.7	0.8	None	Reconstruct
6/14/2013	None	71N11-01	W 104th st	Cavell aver s	South	Southwest	One Way Directional	Concrete	0	Light pole	10	6	2.9	5.5	0	0	0	0		0	0	0	0	0	0	1		2.8	1.3	0.1	0.6	None	Reconstruct
6/14/2013	None	71N12-01	W 104th st	Cavell aver s	South	Southeast	One Way Directional	Concrete	0		4.5	6	2.2	0.7	0	0	0	0		0	0	0	0	0	0	1.5	0	7.9	1	3.3	3.2	None	Reconstruct
6/14/2013	None	71N16-01	W 104th st	Aquila Ave S	South	Southwest	Perpendicular	Concrete	0	Power pole	4.5	5.5	3	11.2	1.7	0.3	5.3	5.3	9.5	10	4.3	2	10	1.6	1.9	1.5	0	3.9	2.5	4.6	1.2	None	Reconstruct
6/14/2013	None	71N16-02	W 104th st	Aquila Ave S	South	Southwest	Parallel	Concrete	0		8.5	5	0.9	7.8	0.1	0.6	4.5	4	13	0	0	0	0	0	0	1.5	2.5	4.2	0.9	3	0.8	None	Reconstruct
6/14/2013	None	71N17-01	W 104th st	Aquila Ave S	South	Southeast	Perpendicular	Concrete	0		4.5	5.5	0.3	8.3	1.2	2.9	4	4	8.5	10	0.1	2.7	10	3.6	1.1	0	3	5.9	1.4	2.4	0.5	None	Reconstruct
6/14/2013	None	71N17-02	W 104th st	Aquila Ave S	South	Southeast	Perpendicular	Concrete	0		4.5	6	4.2	11.1	3.3	0.9	5	5.5	9.5	10	2.8	1.8	10	2.3	0.6	0	0	8.7	1.9	1.5	0.8	None	Reconstruct
6/14/2013	None	71N20-01	W 104th st	Zinran aver s	South	Southwest	Two Way Directional	Concrete	0		5.5	9	2.6	6.5	0	2.7	5	6	10.5	0	0	0	10	1.3	1.7	0	0	4.9	0.5	1.4	1.2	None	Reconstruct
6/14/2013	None	71N20-02	W 104th st	Zinran aver s	West	Southwest	Two Way Directional	Concrete	0		11.5	5	0.5	6.6	0	2.7	6	5	17.5	0	0	0	0	0	0	0	1.5	5	1.8	2.6	0.7	None	Reconstruct
6/14/2013	None	71N21-01	W 104th st	Zinran aver s	South	Southeast	One Way Directional	Concrete	0		12	5	0.5	8.3	0	0	0	0		0	0	0	0	0	0	0	0	2.4	2	3.9	0.5	None	Reconstruct
6/14/2013	None	71O26-01	Countryside dr	Xylon rd	West	Northwest	Perpendicular	Concrete	0		5.5	9.5	2.6	20.1	4.5	4.6	5	9.5	10.5	10	6.9	2.1	10	2	2.2	0	0	7	1.1	2.9	0.7	None	Reconstruct
6/14/2013	None	71O36-01	Virginia rd	Utah rd	East	Northeast	One Way Directional	Concrete	0		8	5	0.8	9.1	0	0	0	0		0	0	0	0	0	0	1.5	1.5	8.8	5	1.8	4.1	None	Reconstruct
6/14/2013	None	71P25-01	W 104th st	Xylon rd	East	Northeast	One Way Directional	Concrete	0		7.5	5	2.8	9.8	0	0	0	0		0	0	0	0	0	0	2	1	6.5	1.3	1.2	0.3	None	Reconstruct
6/14/2013	None	71P26-01	Countryside dr	Xylon rd	West	Southwest	One Way Directional	Concrete	0		7.5	5	1.8	7.9	1.5	1.8	5	5	12.5	0	0	0	0	0	0	1	1.5	8.5	2	1.2	2.9	None	Reconstruct
6/14/2013	None	71P35-01	Virginia rd	Utah rd	East	Southeast	One Way Directional	Concrete	0		7.5	5	1.4	1	0	0	0	0		0	0	0	0	0	0	0	0	5.4	4.1	3.5	1.6	None	Reconstruct
6/14/2013	None	71Q25-01	W 104th st	Xylon rd	West	Northwest	One Way Directional	Concrete	0		9.5	5	5.3	5	1.2	0.9	5	5	14.5	0	0	0	0	0	0	0	1	9.3	2.6	0.7	1.8	None	Reconstruct
6/14/2013	None	71Q29-01	Countryside	Wyoming Ave S	South	Southwest	Diagonal	Concrete	0		7	8.5	3.5	7.5	0	0	0	0		0	0	0	10	4.6	0.2	2	2	8.7	2.8	1.6	2.2	None	Reconstruct
6/14/2013	None	71Q30-01	Countryside	Wyoming Ave S	North	Northeast	One Way Directional	Concrete	0		8	5	2.8	7.3	0	0	0	0		0	0	0	0	0	0	1.5	2	8	0.4	0.3	0.2	None	Reconstruct
6/14/2013	None	71R29-01	Countryside	Wyoming Ave S	South	Southeast	Diagonal	Concrete	0		7	8	0.3	12.3	0	0	0	0		10	2.3	3.2	10	2.5	4.1	1.5	2.5	7.9	1.9	1.9	0.9	None	Reconstruct
6/14/2013	None	71S31-01	Countryside	Virginia cir	South	Southwest	One Way Directional	Concrete	0		7.5	5	2	2	0	0	0	0		0	0	0	0	0	0	0	0	8.2	1.7	1.6	0.6	None	Reconstruct
6/14/2013	None	71S32-01	Countryside	Virginia rd	North	Northeast	One Way Directional	Concrete	0		8	5	1.1	4.3	0	0	0	0		0	0	0	0	0	0	0	0	8.3	1.9	0.8	1.4	None	Reconstruct
6/14/2013	None	71T31-01	Countryside	Virginia cir	South	Southeast	One Way Directional	Concrete	0		7	5	0.3	3.2	0	0	0	0		0	0	0	0	0	0	0	0	6.7	0.2	1.9	1.2	None	Reconstruct
6/14/2013	None	71X15-01	Aquila aver s	Xylon rd	East	Northeast	One Way Directional	Concrete	0		8.5	5	4.6	6.3	0	0	0	0		0	0	0	0	0	0	1	1	4.6	3	1	0.8	None	Reconstruct
6/14/2013	None	71Y15-01	Aquila aver s	Xylon rd	East	Southeast	One Way Directional	Concrete	0		7.5	5.5	0.9	0.7	0	0	0	0		0	0	0	0	0	0	0	1	4.9	5.4	4.3	1.8	None	Reconstruct
6/14/2013	None	71Z15-01	W 106th St	Aquila Ave S	North	Northeast	Two Way Directional	Concrete	0		5	5	2	5.8	1.8	1.6	5	5	10	10	3	0.4	10	4.7	4.3	0	2	6.4	0.2	0	0.6	None	Reconstruct
6/14/2013	None	71Z15-02	W 106th St	Aquila Ave S	North	Northeast	Two Way Directional	Concrete	0		8.8	8	4.7	4.3	1.9	1.7	5	5	13.5	0	0	0	10	2.2	1.4	2	1	5.7	1.5	3.3	0.7	None	Reconstruct
6/14/2013	None	71Z18-01	W 106th St	Aquila Ave S	North	Northeast	Perpendicular	Concrete	0		14.5	5	6.5	5.9	2.5	4.7	5	5	19.5	10	2.4	2.7	10	2.1	4.3	0	0	7.3	4.1	1.4	3.8	None	Reconstruct
6/14/2013	None	71Z26-01	W 106th St	Yukon Rd S	South	Southeast	One Way Directional	Concrete	0		7.5	5	2.3	1.7	0	0	0	0		0	0	0	0	0	0	0	0	2.3	2.1	0.5	2.1	Tyned	Reconstruct
6/14/2013	None	71Z27-01	W 106th St	Yukon Rd S	South	Southwest	One Way Directional	Concrete	0		6.8	5	1.7	0.6	0	0	0	0		0	0	0	0	0	0	0	0	3.6	2.5	1.1	3	Tyned	Reconstruct
6/14/2013	None	72A15-01	W 106th St	Aquila Ave S	South	Southeast	Perpendicular	Concrete	1	Street Sign	14	8	2.9	5.1	1.8	1.5	4.5	8	18.5	10	0.3	1.8	10	1.3	0.9	0	0	2.8	1.9	2.8	1.4	None	Reconstruct
6/14/2013	None	72A17-01	W 106th St	Aquila Ave S	South	Southwest	One Way Directional	Concrete	0		6.8	6	4.5	2.4	0	0	0	0		0	0	0	0	0	0	2		5.8	4.1	3.7	1.7	None	Reconstruct
6/14/2013	None	72A18-01	W 106th St	Aquila Ave S	South	Southeast	Two Way Directional	Concrete	0		14.3	5	5.4	0.6	0	0	0	0		10	2.7	4.3	0	0	0	0	0	4.8	5	2.4	4.5	None	Reconstruct
6/14/2013	None	72A18-02	W 106th St	Aquila Ave S	South	Southeast	Two Way Directional	Concrete	0		7.5	5.5	0.3	8.5	0	0	0	0		10	5.2	1.8	10	9	0.5	1	2	6.4	2.4	2.6	2.8	None	Reconstruct
6/14/2013	None	72A23-01	W 106th St	Wyoming Ave S	North	Northeast	One Way Directional	Concrete	0		5.5	5	2	2.7	2.7	3.4	5	5	10.5	10	3.2	3	0	0	0	0	0	4.8	0.4	2.1	1.5	None	Reconstruct
6/14/2013	None	72A24-01	W 106th St	Wyoming Ave S	North	Northwest	One Way Directional	Concrete	0		5.5	5	3.9	0.5	0	0	0	0		0	0	0	0	0	0	0	0	2.6	4.4	1.7	2.2	None	Reconstruct
6/14/2013	None	72F28-01	W 103rd St	Yukon Ave S	East	Northeast	Diagonal	Concrete	0		6.7	7	0.3	6.9	0	0	0	0		10	2.3	2.3	10	2.6	2.8	3	4	6.8	0.8	1.6	0.4	None	Reconstruct
6/17/2013	None	72E31-01	Wyoming Rd	Wyoming Cir	East	Northeast	One Way Directional	Concrete	0		4	5	1.4	5.5	1.4	1.7	4.5	5	8.5	0	0	0	0	0	0	0	0	6.2	0.4	4.4	1	None	Reconstruct
6/17/2013	None	72F31-01	Wyoming Rd	Wyoming Cir	East	Southeast	Diagonal	Concrete	0		4.3	5	0.4	6.4	1	0.1	4	5	8.3	10	2.1	0.3	10	2	2.9	1	1	6.2	1.3	0.7	2	Colored Concrete	None
6/17/2013	None	72F33-01	Wyoming cir		East	East	Perpendicular	Concrete	0		5.5	5	2.5	5.5	0	0	0	0		0	0	0	10	3.5	1.8	0	0	4.5	1.9	0.5	2.7	Colored Concrete	Reconstruct
6/17/2013	None	72G38-02	Bloomington Ferry Rd	Landau rd	West	Northwest	One Way Directional	Concrete	0		11	11	3.1	3.3	0	0	0	0		0	0	0	0	0	0	0	0	4.9	0.1	0.5	3.5	None	None
6/17/2013	None	72G39-01	Bloomington Ferry Rd	Landau rd	East	Northeast	One Way Directional	Concrete	0		10.2	5	0.2	6.6	1.7	1.3	5	5	15.2	0	0	0	0	0	0	0	0	6.4	1.5	0.5	0.2	None	
6/17/2013	None	72G39-01	Bloomington Ferry Rd	Landau cir	North	Northwest	One Way Directional	Concrete	0		6	5	2.7	6.1	2.3	2.6	5	6	11	10	0.7	0	0	0	0	0	0	4	0.6	1.7	2.3	None	
6/17/2013	None	72H28-01	Wyoming Rd	W 107th St	West	Southwest	One Way Directional	Concrete	0		12.5	5	3.6	8.5	0	0	0	0		0	0	0	0	0	0	0	0	10.4	5.5	1.4	5.5	None	

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/17/2013	None	72H29-01	Wyoming Rd	W 107th St	East	Southeast	Perpendicular	Concrete	0		5.5	5	2.3	7.3	1.8	0.7	5	5	10.5	10	1.3	1.3	10	1.7	1.3	0	0	7.4	2.7	0.5	2	None	
6/17/2013	None	72H38-01	Bloomington Ferry Rd	Landau cir	North	Northwest	One Way Directional	Concrete	0		4.5	5.5	0.5	10	0.4	0.6	5	5	9.5	0	0	0	10	1.1	1.3	0	0	2	0.2	3.1	1	None	
6/17/2013	None	72H38-02	Bloomington Ferry Rd	Landau rd	West	Southwest	One Way Directional	Concrete	0		10	8	0.5	2.6	0	0	0	0		0	0	0	0	0	0	3	0	2.5	1.2	0.9	0.4	None	None
6/17/2013	None	72H39-01	Bloomington Ferry Rd	Landau rd	East	Southeast	One Way Directional	Concrete	0		5.5	5	0.9	4	0	0	0	0		0	0	0	0	0	0	0	0	9.5	0	0.5	0.3	None	Reconstruct
6/17/2013	None	72I16-01	Aquila aver s	W park hills dr	East	Northeast	Diagonal	Concrete	0		7.3	5	2.2	9.9	0	0	0	0		10	2.7	0.4	10	1.3	1.2	2	2	5.2	2.5	3.3	0.6	None	Reconstruct
6/17/2013	None	72I19-01	W park hills dr	Zinran cir	North	Northwest	One Way Directional	Concrete	0		8.5	5	2.9	2.5	0	0	0	0		0	0	0	0	0	0	0	0	8.2	1.9	4.3	0.1	None	Reconstruct
6/17/2013	None	72I20-01	W park hills dr	Zinran cir	North	Northeast	One Way Directional	Concrete	0		10.3	5	7.2	1.6	0	0	0	0		0	0	0	0	0	0	0	0	9.6	1.6	0.4	2	None	Reconstruct
6/17/2013	None	72I24-01	W park hills dr	Yukon Ave S	North	Northeast	Perpendicular	Concrete	0		5.5	5	3.8	12.1	4.2	5.1	5	5	10.5	10	3.1	4.5	10	3.4	2.8	0	0	6.2	4.2	5.1	3.1	None	Reconstruct
6/17/2013	None	72J24-01	W park hills dr	Yukon Ave S	South	Southeast	One Way Directional	Concrete	1	Power pole	9.5	5	0.6	4.4	0	0	0	0		0	0	0	0	0	0	0	0	7.2	1.8	1.2	2.1	None	Reconstruct
6/17/2013	None	72J27-01	W park hills dr	Wyoming rd	North	Northwest	Diagonal	Concrete	0		5.8	5	7.4	8.1	0	0	0	0		10	2.6	4.1	10	0.8	0.5	0	0	9.6	5.9	5.9	1.8	None	Reconstruct
6/17/2013	None	72J28-01	W park hills dr	Wyoming rd	North	Northeast	One Way Directional	Concrete	0		7.6	5.5	4	2.3	0	0	0	0		0	0	0	0	0	0	0	0	8.5	2.9	3	3.2	None	Reconstruct
6/17/2013	None	72L32-01	W park hills dr		South	Southeast	Perpendicular	Concrete	0		5	5	0.7	2.1	0	0	0	0		0	0	0	0	0	0	0	0	11.2	1.5	3.8	0.7	None	Reconstruct
6/17/2013	None	72M38-01	W Old Shakopee Rd	Bloomington ferry rd	North	Northwest	Perpendicular	Concrete	0		10	4	0.5	1.7	1.1	1.5	6	6	16	10	2.9	1.3	10	1.3	0.5	3	3	9.1	0.8	1.8	1.7	None	Reconstruct
6/17/2013	None	72M39-01	W Old Shakopee Rd	Bloomington ferry rd	North	Northeast	Perpendicular	Concrete	0		6.5	4	3.2	8.4	4.8	0.9	5.5	6	12	10	2.2	3.2	10	0.6	3.1	2.5	2.5	5.9	2.3	0.9	3.6	Exposed Aggregate	Reconstruct
6/17/2013	None	72N38-02	W Old Shakopee Rd	Bloomington ferry rd	South	Southwest	Perpendicular	Concrete	0		20.5	4	0.2	2.8	1.1	1.9	6	6	26.5	10	1.7	1.9	10	2.6	0.9	2.5	2.5	9	2.9	3.5	1.1	Exposed Aggregate	Reconstruct
6/17/2013	None	72N39-02	W Old Shakopee Rd	Bloomington ferry rd	South	Southeast	Perpendicular	Concrete	0		12	4	1.8	7.9	3.3	2.7	6	5.5	18	10	1.9	2.5	10	1	0.3	2.5	3	6.7	2.2	1.8	2.4	Exposed Aggregate	Reconstruct
6/17/2013	None	72R37-01	Bloomington Ferry Rd	W 109th St	West	Northwest	One Way Directional	Asphalt	0		16.6	7	1.1	2.3	0	0	0	0		0	0	0	0	0	0	3	0	8.1	7.5	2.7	7.4	None	Reconstruct
6/17/2013	None	72R39-01	Bloomington Ferry Rd	W 109th St	West	Northwest	Diagonal	Concrete	0		5.5	6	6.4	0	0	0	0	0		10	2.4	0.6	10	0.5	0.7	0	2	10.2	1.4	1.8	0.6	None	Reconstruct
6/17/2013	None	72S37-01	Bloomington Ferry Rd	W 109th St	West	Southwest	Perpendicular	Asphalt	0	Street Sign	8	8	4.4	6.4	0	0	0	0		0	0	0	10	3.2	1.3	0	0	1.8	1.5	2.8	1.8	None	Reconstruct
6/17/2013	None	72S39-01	Bloomington Ferry Rd	W 109th St	East	Southeast	Diagonal	Concrete	0		8	6.5	1.2	5	0	0	0	0		10	2.7	2.2	10	2.7	3.6	0	0	9.6	3	2.3	0.2	None	Reconstruct
6/18/2013	None	72M22-01	W Old Shakopee Rd	Yukon Ave S	North	Northwest	Diagonal	Concrete	0		6	5	11	2.9	0	0	0	0		10	1	3.3	10	0.2	4	2	3	6.9	2.1	1.3	2.7	Exposed Aggregate	Reconstruct
6/18/2013	None	72M23-01	W Old Shakopee Rd	Yukon Ave S	North	Northeast	One Way Directional	Concrete	0		8.5	4.5	4	6.9	0	0	0	0		0	0	0	0	0	0	3	2	5.1	0.1	2	0.9	Exposed Aggregate	Reconstruct
6/18/2013	None	72O22-01	W Old Shakopee Rd	Yukon Ave S	South	Southwest	Diagonal	Concrete	0		5	5	5.2	13	0	0	0	0		10	2.4	4.8	10	2.3	2.2	3	2.5	10	5.3	0.5	5.2	Exposed Aggregate	Reconstruct
6/18/2013	None	72R22-01	Yukon Ave S	W 109th St	West	Northwest	One Way Directional	Concrete	0		8.5	6	0.5	7	2.2	0.7	5	5		0	0	0	0	0	0	0	2	2.2	0.7	1	0.8	Tyned	Reconstruct
6/18/2013	None	72S22-01	Yukon Ave S	W 109th St	West	Southwest	One Way Directional	Concrete	0		6	5	2	7.3	1.8	2.6	7	6		0	0	0	10	1.4	0.5	1	1	5.1	2.2	0.9	3.4	Tyned	Reconstruct
6/18/2013	None	72S23-01	Yukon Ave S	W109th	East	Southeast	Perpendicular	Concrete	0		5.5	5.5	2.2	10.2	2.3	1.3	5	4	10.5	10	1.4	1.9	10	0.6	3.8	1	1	5.1	0.2	1.8	0.2	Tyned	Reconstruct
6/18/2013	None	72X18-01	W 110th St	W 110th st cir	North	Northwest	One Way Directional	Concrete	0		8	5	1.6	3.5	0	0	0	0		0	0	0	0	0	0	2	0	1.1	0.1	1.8	0.9	Tyned	Reconstruct
6/18/2013	None	72X19-01	W 110th St	W 110th st cir	North	Northeast	One Way Directional	Concrete	0		4.5	5	4.6	1.6	2	0.4	5	5		0	0	0	0	0	0	1	1	6	2.9	0.8	2.6	Tyned	Reconstruct
6/18/2013	None	73N23-01	W Old Shakopee Rd	Yukon Ave S	South	Southeast	Diagonal	Concrete	0		5	5	3	14.1	0	0	0	0		10	2.8	8.7	10	2.6	3	2.5	2.5	11	0.9	8.1	4.3	Exposed Aggregate	Reconstruct
6/18/2013	None	85J05-02	American Blvd	International Dr	North	Northwest	Perpendicular	Concrete	0		5.7	6.1	1.5	8.4	1.5	2.2	5	5.7		10	1.6	2.8	10	0.9	0.9	0	0	3	1.3	3.5	1.4	Cast Iron	Reconstruct
6/18/2013	None	85J08-01	American Blvd	International Dr	East	Southeast	Perpendicular	Concrete	0		7.5	7	1.9	1.4	0	0	0	0		0	0	0	10	1.6	7.1	0	0	6.8	1.1	2.5	1.4	Cast Iron	None
6/19/2013	None	01K25-01	American Blvd	24th Ave S	North	Northwest	Perpendicular	Concrete	0		5.2	5.7	2.8	7.7	4	3.9	8	12.7		10	2.4	4.1	10	2.7	4.8	5	3.5	7.5	2.6	0.8	3.5	Colored Concrete	Reconstruct
6/19/2013	None	01L28-01	American Blvd	24th Ave S	North	Northeast	One Way Directional	Concrete	0		5	5	5.3	5.2	0	0	0	0		0	0	0	0	0	0	0	0	3.4	4.9	2.1	4	Tyned	Reconstruct
6/19/2013	None	01L39-01	American Blvd	28th Ave S	North	Northwest	One Way Directional	Concrete	0		12.5	7	1.5	5.7	1.4	1.1	4.5	9		0	0	0	0	0	0	4.5	8	0.2	1.5	0	0.8	Cast Iron	None
6/19/2013	None	01L41-01	American Blvd	28th Ave S	North	Northeast	One Way Directional	Concrete	0		5.3	7	2.3	2.9	0	0	0	0		0	0	0	0	0	0	4.5	3.5	0.2	3.4	0.8	2.8	Exposed Aggregate	Reconstruct
6/19/2013	None	01L44-01	American Blvd	Metro dr	North	Northeast	One Way Directional	Concrete	0		7	7	0.5	3.5	0.1	0.3	5	9		0	0	0	0	0	0	4	3.5	8.3	0.5	0.1	0.5	Cast Iron	None
6/19/2013	None	01L44-02	American Blvd	Metro dr	North	Northwest	One Way Directional	Concrete	0		7	4	2.5	4.2	2	0.5	4	8.8		0	0	0	10	1.7	4	5	4	2.9	0.3	1.6	0.1	Cast Iron	None
6/19/2013	None	01L52-01	American Blvd	Metro dr	North	Northwest	One Way Directional	Concrete	0		5.5	4.5	0.3	5.4	0.4	2.4	6.6	9		0	0	0	0	0	0	4.5	3.4	8.6	1.2	4.1	3.4	Cast Iron	Monitor
6/19/2013	None	01M25-01	American Blvd	24th Ave S	South	Southwest	Perpendicular	Concrete	0		5.3	5	0	8.8	0.6	1.8	8	14.5		10	2.2	0.3	10	1.8	1.1	3	3	7	0	1.2	0.9	Colored Concrete	Reconstruct
6/19/2013	None	01M28-01	American Blvd	24th Ave S	South	Southeast	Perpendicular	Concrete	0		5	5	2.1	9.2	2.4	0.3	8.7	9		10	1.1	1.4	10	1.9	0.2	5.4	4.6	4.3	2.5	0.9	2	Exposed Aggregate	Reconstruct
6/19/2013	None	01M39-01	American Blvd	28th Ave S	South	Southwest	Perpendicular	Concrete	0		5.5	5.4	0.1	9.8	0	2.5	7.3	9		10	2.7	1.8	10	1	0.9	5	5.4	7.6	0.2	1.9	0.9	Exposed Aggregate	Reconstruct
6/19/2013	None	01M41-01	American Blvd	28th Ave S	South	Southeast	Perpendicular	Concrete	0		5.3	5	10.6	1.4	0.4	1.2	8.6	9.5		10	3.1	2.1	10	1.3	1.2	5	5.5	10.1	1.2	1.4	1.4	Exposed Aggregate	Reconstruct
6/19/2013	None	85L01-01	American Blvd	Metro dr	North	Northeast	Perpendicular	Concrete	0		4.3	6	2.1	10.2	3.7	4	8	5.5		10	1.5	2.3	10	1.2	4.7	2	2	7.1	1.8	2.6	1.8	Cast Iron	Reconstruct
6/20/2013	None	01G14-01	American Blvd	Thunderbird	North	Northwest	Perpendicular	Concrete	0		5.5	5	2.5	7.3	3.3	3.5	7.5	7.5		10	2	3.4	0	0	0	4	4	6.3	2.1	3.2	2.2	Colored Concrete	Reconstruct
6/20/2013	None	01G15-01	American Blvd	Thunderbird	North	Northeast	Parallel	Concrete	0		6	4.5	1.6	2.9	0.2	3.1	4	4.5		0	0	0	10	1.4	1.3	4	4	4.9	0.9	1.9	1.6	Colored Concrete	Reconstruct
6/20/2013	None	01I14-01	American Blvd	Ikea	South	Southwest	Perpendicular	Concrete	0		5.5	6	1.4	4.2	1.6	3.8	8	14.5		0	0	0	10	0.7	0.6	5	5	8.3	1.4	1.6	0.7	Colored Concrete	Reconstruct
6/20/2013	None	01I15-01	American Blvd	Ikea way	South	Southeast	Perpendicular	Concrete	0		5.2	5	3.4	8.1	4.1	2.3	8	13.5		10	2.5	0.9	0	0	0	5	5	8.1	3.2	1.9	2.2	Colored concrete	Reconstruct
6/21/2013	None	01I05-01	American Blvd		South	Southwest	Perpendicular	Concrete	0		5	6	1.7	2	2.3	0.7	8	12	13	10	1.2	0.6	10	1.2	2.3	3	3	5.9	2.6	1.4	2.3	Colored Concrete	Monitor
6/21/2013	None	01I08-01	American Blvd		South	Southeast	Perpendicular	Concrete	0		5.5	5	1.7	4.2	0	0	0	0		10	0.2	1.6	10	0.5	3.6	0	0	7.7	2.9	0.6	2.4	Colored Concrete	Monitor
6/21/2013	None	01T40-01	28th av s	E 81st st	West	Northwest	Diagonal	Concrete	0		5	6	0.8	6.6	0.8	3.3	4.5	5.5	9.5	10	1.2	0.1	10	2.4	0.9	4	4	5.6	0.4	2.3	1.2	Exposed Aggregate	Reconstruct
6/21/2013	None	01U32-01	E 81st st	26th Ave S	South	Southeast	Diagonal	Concrete	0		6.5	10	0.7	9.9	0	0	0	0		10	4.5	2.3	10	1.2	0.6	0	0	8.2	0.6	2.3	0.4	None	Reconstruct
6/21/2013	None	01U40-01	28th av s	E 81st st	West	Southwest	Diagonal	Concrete	0		5.5	8	1.2	7.3	2.4	5.5	3	5.8	8.5	10	2.4	1	10	4.7	1.9	5	5	4.4	1.1	1	0.4	Exposed Aggregate	Reconstruct
6/21/2013	None	01Z29-01	24th aver s	E 82nd st	East	Northeast	Perpendicular	Concrete	0		5	6	1.7	9.5	2	1	3	10	8	10	1.4	0.9	10	0.2	0.8	0	0	5.2	0.6	1.1	0.2	Tyned	Reconstruct
6/21/2013	None	01Z31-01	W 82nd St	26th Ave S	North	Northwest	Diagonal	Concrete	0		7.5	10	1.9	9.8	0	0	0	0		10	2.5	1.8	10	0.8	0.5	0	0	3.4	1.8	0.9	0.9	None	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/21/2013	None	01Z32-01	W 82nd St	26th Ave S	North	Northeast	Diagonal	Concrete	0		5	5	1	8.9	0	0	0	0		10	4.1	1.5	10	0.9	5.1			2.9	0	0.2	0.4	None	Reconstruct
6/21/2013	None	02A31-01	E 82nd st	26th Ave S	South	Southwest	Diagonal	Concrete	0		5.5	6	0.7	7.7	2	0.6	7	8	12.5	0	0	0	10	0.7	1.9	3	2	4.8	3.1	0.5	3.8	Exposed Aggregate	Reconstruct
6/21/2013	None	02A32-01	W 82nd St	26th Ave S	South	Southeast	Diagonal	Concrete	0		5.5	6	3.8	7.1	3.2	0.6	5	8	10.5	0	0	0	0	0	0	3	3	4.9	2.1	0.2	4.9	Exposed Aggregate	Reconstruct
6/24/2013	None	01Z25-01	24th aver s	E 82nd st	West	Northwest	Perpendicular	Concrete	0	Pullbox directly in middle of ramp	7.5	5	1.9	5.8	3.7	2.5	5	5	12.5	0	0	0	10	1.4	2.1	3	3	4.1	0.7	0	1.4	None	Reconstruct
6/24/2013	None	01Z40-01	E 82nd st	28th Ave S	North	Northwest	Perpendicular	Concrete	0		5.5	4	2	7.2	1.7	4.4	5.5	4	11	10	1.3	0.1	10	2.8	0.1	0	0	7.5	0.6	1.4	0.4	Colored Concrete	Reconstruct
6/24/2013	None	01Z40-02	E 82nd st	28th Ave S	North	Northwest	Perpendicular	Concrete	0		6.4	4	1.2	7.1	0.8	1.2	6.5	4	13	10	0.3	0.9	10	0.9	0.2	3	3	0.9	0.4	3	1	Colored Concrete	None
6/24/2013	None	01Z41-01	E 82nd st	28th Ave S	North	Northeast	One Way Directional	Concrete	0		7	6	1.1	2.9	0	0	0	0		0	0	0	0	0	0	3	3	0.4	1	0.8	0.5	Cast Iron	None
6/24/2013	None	02A25-02	24th aver s	E 82nd st	West	Southwest	Perpendicular	Concrete	0		5	6	1.1	6.9	2	1.1	4	5		0	0	0	10	1.2	0.4	0	0	1.7	1	1.6	1.2	None	Reconstruct
6/24/2013	None	02B25-01	24th aver s	E 82nd st	West	Southwest	Perpendicular	Concrete	0		9	4	0.5	0.1	2	3.7	5	4.6	14	10	3.9	1.7	10	0.3	4			1.5	2.1	3.3	2	None	None
6/24/2013	None	02B25-02	24th aver s	E 82nd st	West	Southwest	Perpendicular	Concrete	1	Pullbox	8	5	1.4	7.4	0.7	1.6	5	5	13	10	2.8	0.5	10	0.8	1.7	3.5	3.5	8	2.1	3.6	1.9	Tyned	Reconstruct
6/24/2013	None	02B40-01	E 82nd st	28th Ave S	South	Southwest	Perpendicular	Concrete	0		4.5	5	1.1	7.1	1.1	1.5	11	12.5	15.5	0	0	0	10	1.5	1.1			1.2	0.5	2	0.5	Colored Concrete	Monitor
6/24/2013	None	02B41-01	E 82nd st	28th Ave S	South	Southeast	One Way Directional	Concrete	0		8	4.5	4.3	1.6	3	1.3	5.5	9	13.5	0	0	0	0	0	0	2	4	4	1.9	2.6	4	Cast Iron	Reconstruct
6/24/2013	None	02M39-01	E Old Shakopee Rd	28th Ave S	North	Northwest	Perpendicular	Concrete	0		15.5	5	0.4	4.8	0	0	0	0		0	0	0	0	0	0	0	0	8.4	1.9	1.4	0.2	Cast Iron	None
6/24/2013	None	02M41-01	E Old Shakopee Rd	28th Ave S	North	Northeast	Perpendicular	Concrete	0		6.5	5	1.2	11	3.5	1.9	8	8		10	2.3	0.7	10	3.8	2.6	2	2	10.5	1.5	0.1	2.2	Cast Iron	None
6/24/2013	None	02Z29-02	24th aver s	E 82nd st	East	Southeast	Perpendicular	Concrete	0		9.6	7	0.5	12.1	0	0	0	0		10	3.7	2.7	10	2.7	0.99	2	2	6.7	1.6	2.1	1.5	Tyned	Reconstruct
6/24/2013	None	85S13-01	34th Ave S	Appletree Square	East	Northeast	Diagonal	Concrete	0		7.5	9	0.9	8.3	0	0	0	0		10	1.5	4.5	10	0.5	3.5	3	3	2.6	0.6	0.5	0.5	None	Reconstruct
6/24/2013	None	85T12-01	34th Ave S	Appletree Square	West	Southwest	Perpendicular	Concrete	0		6	5	1.6	7	0.3	0.3	9	5		10	0.9	0.1	10	0.1	0.8	2	2	5.3	1.1	1.4	0.5	Exposed Aggregate	Monitor
6/24/2013	None	85T13-01	34th Ave S	Appletree Square	East	Southeast	One Way Directional	Concrete	0		7	4	2	4.2	0	0	0	0		0	0	0	0	0	0	4	5	0	0.1	0.3	1.2	Exposed Aggregate	Reconstruct
6/26/2013	None	02Z04-01	E 86th St	E service rd	North	Northwest	One Way Directional	Concrete	0		5	2	2.3	10			0	0		10	2.4	2.8	0	0	0	2	2	4.2	3.6	2.2	2.6	None	Reconstruct
6/26/2013	None	02Z05-01	E 86th St	E service rd	North	Northeast	One Way Directional	Concrete	0	Street Sign	5	3	1.8	1.1	0	0	0	0		0	0	0	0	0	0	3	3	5.9	0.5	3.4	1.8	None	Reconstruct
6/26/2013	None	02Z15-01	E 86th St	22nd Ave S	North	Northwest	One Way Directional	Concrete	0		7	4	6.1	8	2.9	1.5	5	4		0	0	0	10	3.2	3.8	0	0	11.7	1.6	1.3	0.5	Exposed Aggregate	Reconstruct
6/26/2013	None	02Z16-01	E 86th St	22nd Ave S	North	Northeast	One Way Directional	Concrete	0		9	4	6.5	4.2	1.5	0.5	5	4		10	2	0.4	0	0	0	0	0	3.9	0.3	1.6	1.9	None	Reconstruct
6/26/2013	None	02Z21-01	E Old Shakopee Rd	E 86th st	West	Northwest	One Way Directional	Concrete	1	Signal Base	9	3	0.2	9.8	2	2.8	5.5	4	14.5	0	0	0	10	3.2	2.8	0	1	7.1	0.6	5.7	0.9	None	Reconstruct
6/26/2013	None	02Z22-01	E Old Shakopee Rd	E 86th st	East	Northeast	Perpendicular	Concrete	0		5.5	6	1.6	11.2	2.9	2.9	6	6	11.5	10	2.3	4.3	10	1.4	0.6	2.5	2.5	7.9	2.4	0.2	2	Tyned	Reconstruct
6/26/2013	None	02Z22-02	E Old Shakopee Rd	E 86th st	West	Northwest	Two Way Directional	Concrete	0		5	4	3.1	9.5	2.8	2	4	5.5	9	10	1.8	1.3	0	0	0	0	0	7	2.9	0.9	1.4	None	Reconstruct
6/26/2013	None	23A01-01	E 86th St	E service st	South	Southeast	Perpendicular	Concrete	0		3	7	1.3	12.5	1.7	2.9	5	10		10	3.7	0.8	10	2.7	1.4	2	2	4.5	2.4	3.2	1.6	None	Reconstruct
6/26/2013	None	23A15-01	E 86th St	22nd Ave S	South	Southeast	One Way Directional	Concrete	0		7	4	4.4	6.6	1.9	1.4	5	4		0	0	0	0	0	0	0	0	6.7	0.4	0.4	0.1	None	Reconstruct
6/26/2013	None	23A16-01	E 86th St	22nd Ave S	South	Southeast	One Way Directional	Concrete	0	Street Sign	6	4	6.5	8.4	1.5	0.1	5	4		0	0	0	0	0	0	0	0	0.7	0.9	3.9	0.8	None	Reconstruct
6/26/2013	None	23A21-01	E Old Shakopee Rd	E 86th st	West	Southwest	Two Way Directional	Concrete	0		5	5	0.5	16	0.6	0.4	7	6	12	0	0	0	10	2.2	1.2	1	1	8.9	0.9	2.4	2.7	None	Reconstruct
6/26/2013	None	23A21-02	E Old Shakopee Rd	E 86th st	West	Southwest	Two Way Directional	Concrete	0	Signal Base	5	3	0.5	8.4	0.4	0.6	6	7	11	10	2	1.7	0	0	0	3	1.5	8.9	0.7	3	0.7	None	Reconstruct
6/26/2013	None	23A22-01	E Old Shakopee Rd	E 86th st	East	Southeast	One Way Directional	Concrete	0		8	4	1.3	11.5	4.2	0.2	4	5	8	0	0	0	0	0	0	2	2	10.3	0.4	1.4	0.5	Exposed Aggregate	Reconstruct
6/26/2013	None	23A22-02	E Old Shakopee Rd	E 86th st	East	Southeast	One Way Directional	Concrete	0		4	4	0.5	12.7	0.2	6.7	2	4	8	0	0	0	0	0	0	2	2	12.5	0	3	1	Exposed Aggregate	Reconstruct
6/26/2013	None	23I18-01	E Old Shakopee Rd	E 87th st	West	Northwest	One Way Directional	Concrete	0		8.4	5	2.3	3.2	0	0	0	0					0	0	0	0	0	5.1	0.3	1.4	0.4	None	Reconstruct
6/26/2013	None	24J18-01	E Old Shakopee Rd	E 87th st	West	Southwest	Diagonal	Concrete	0		4	4	1.7	12	0.2	2.6	5	5	9	10	3	0.7	10	1.6	1.6	2	2	7.7	0.9	1.2	1.1	None	Reconstruct
6/26/2013	None	85X05-01	E Old Shakopee Rd	33rd Ave S	North	Northwest	Perpendicular	Concrete	0		5.5	5	2	4.9	2.2	3.9	6	3.5		10	3.9	0.8	10	1.6	1.7	1	1	10.1	2.6	1.7	0.8	Colored Concrete	None
6/26/2013	None	85X08-01	E Old Shakopee Rd	33rd Ave S	North	Northeast	Perpendicular	Concrete	0		9	6	3.2	5.5	4.1	3.4	7	7		10	1.6	1.8	10	2	6.7	0	0	8.5	3	2.8	3.7	Colored Concrete	Reconstruct
6/26/2013	None	85Y08-01	E Old Shakopee Rd	33rd Ave S	South	South	Perpendicular	Concrete	0	Power pole	5.5	5.5	1.8	11.7	1.9	2.9	9	7		10	3.7	3	10	1.6	3.1	2	2	2.5	3.5	2	2.5	Colored Concrete	Reconstruct
6/26/2013	None	85Z01-01	E Old Shakopee Rd	31st Ave S	North	Northwest	One Way Directional	Concrete	0		7	5	0.2	7	1.1	1.5	8.5	8		0	0	0	0	0	0	0	0	2.7	2.7	1.4	2.6	Colored Concrete	Monitor
6/26/2013	None	85Z02-01	E Old Shakopee Rd	31st Ave S	North	Northeast	One Way Directional	Concrete	0		9	5	2	4.1	0	0	0	0		0	0	0	0	0	0	0	0	1.6	1	0	2.5	Colored Concrete	Reconstruct
6/27/2013	None	23K17-01	E Old Shakopee Rd	E 88th st	West	Northwest	Perpendicular	Concrete	0		6	5	0.7	7.1	5.6	3.8	5	5.5	11	10	3.8	0.8	10	2.3	0.5	0	0	5.7	1.4	3.4	0.7	None	Reconstruct
6/27/2013	None	23K18-01	E Old Shakopee Rd	E 88th st	East	Northeast	Parallel	Concrete	0	Signal Base	7	6	1.3	9.6	2.4	2.4	6.7	4.5	13.7	0	0	0	0	0	0	0	0	8.9	1.7	3.6	1.4	None	Reconstruct
6/27/2013	None	23K18-02	E Old Shakopee Rd	E 88th st	East	Northeast	Diagonal	Concrete	0		6.5	4	2	6.2	3	2.2	4	4	10.5	10	3.5	2.3	5	2.1	1.4	1	1	11.8	1.2	0.7	0.7	None	Reconstruct
6/27/2013	None	23L18-01	E Old Shakopee Rd	E 88th st	East	Southeast	Diagonal	Concrete	0		5	4	0.7	13.6	0	0	0	0		10	3.4	1	10	2.3	0.6	1	1	10.2	1.7	0.6	0.4	None	Reconstruct
6/27/2013	None	23L20-01	E 88th st	River ridge rd	West	Southwest	One Way Directional	Concrete	0		7.5	5	0.4	14.4	3.4	1.6	5	5	12.5	0	0	0	0	0	0	4	4	1.7	0.3	3.2	1.8	Colored Concrete	Reconstruct
6/28/2013	None	23R13-01	E Old Shakopee Rd	E 89th st	East	Southeast	One Way Directional	Concrete	0		8.5	4	11.2	0.1	0	0	0	0		0	0	0	0	0	0	0	0	5.5	3.3	5.5	2	None	Reconstruct
6/28/2013	None	23R15-01	E Old Shakopee Rd	E 89th st	East	Northeast	One Way Directional	Concrete	0		8.5	5	1.1	11.7	0	0	0	0		0	0	0	0	0	0	0	0	6.4	4.2	0.2	3.6	None	Reconstruct
7/1/2013	None	23U13-01	E Old Shakopee Rd	Glen view lane	West	Northwest	Perpendicular	Concrete	0		12	7	0.2	5	0	0	0	0		0	0	0	0	0	0	0	0	2.7	0.6	1.6	0.3	Cast Iron	None
7/1/2013	None	23V14-01	E Old Shakopee Rd	Glen view lane	East	Northeast	Depressed Corner	Concrete	0		10	21	1.4	0.5	0	0	0	0		10	0.5	1	0	0	0	0	1	2	2	1.5	1	Cast Iron	None
7/1/2013	None	23W14-01	E Old Shakopee Rd	Glen view lane	East	Southeast	One Way Directional	Concrete	0		26	7	0.3	1.6	0	0	0	0		0	0	0	0	0	0	0	0	1.5	3.6	3.3	2.2	Cast Iron	None
7/1/2013	None	27C37-01	E Old Shakopee Rd	Riverview Ave S	West	Northwest	One Way Directional	Concrete	1	Power pole	8	5	5.1	4.6	1.3	0.9	4	5	12	0	0	0	0	0	0	0	0	0	0	3.1	1.3	None	Reconstruct
7/1/2013		27C38-01	E Old Shakopee Rd	Riverview Ave S	East	Southeast	One Way Directional	Concrete	0		6	5	5.4	5.1	0	2.5	4	5	10	0	0	0	0	0	0	0	0	0	0	2.7	0.5	Tyned	Reconstruct
7/1/2013	None	27C39-01	E Old Shakopee Rd	Riverview Ave S	East	Northeast	One Way Directional	Concrete	0		7	5	2	5	0	0	0	0		0	0	0	0	0	0	0	0			1.7	0.4	Tyned	Reconstruct
7/1/2013		27D37-01	E Old Shakopee Rd	Riverview Ave S	West	Southwest	One Way Directional	Concrete	0		9	5	0.1	9.6	0	2	3	5	12	0	0	0	0	0	0	0	0	0	0	1.7	1.4	None	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
7/1/2013	None	27J30-01	E Old Shakopee Rd	12th aver s	North	Northwest	Diagonal	Concrete	0		5	10	0.2	5.6	0	0	0	0		10	2	0.9	10	2.2	1.5	0	0	0	0	0.9	1.3	None	Reconstruct
7/1/2013	None	27K29-01	E Old Shakopee Rd	12th aver s	West	Southwest	One Way Directional	Concrete	0		10	5	1.9	7.7	0.1	0.7	4	5	14	0	0	0	0	0	0	0	0	0	0	1.9	0.5	None	Reconstruct
7/1/2013	None	27M28-01	E Old Shakopee Rd	E 96th st	East	Northeast	One Way Directional	Concrete	0		10	5	1.1	8.7	2.6	0.2	4	5	14	0	0	0	0	0	0	0	0	0	0	0.6	3.3	None	Reconstruct
7/1/2013	None	27N27-01	E Old Shakopee Rd	E 96th st	East	Southeast	One Way Directional	Concrete	0		10	5	1.5	8.4	0.2	1	5	5	15	0	0	0	0	0	0	0	0	0	0	1.6	4.1	None	Reconstruct
7/2/2013	None	27G00-01	Portland Ave S	E 95th St	East	Northeast	One Way Directional	Concrete	0		9	4	6	6.9	3.5	0.3	5	4	14	0	0	0	0	0	0	0	0	14.3	3.3	3.6	3.9	None	Reconstruct
7/2/2013	None	27H00-01	Portland Ave S	E 95th St	East	Southeast	One Way Directional	Concrete	0		10	4	2.2	8.3	1.9	0.6	5	4	15	0	0	0	0	0	0	0	0	4	3.2	1.9	0.6	None	Reconstruct
7/2/2013	None	27M00-01	Portland Ave S	E 96th st	East	Northeast	Depressed Corner	Concrete	0		7	12	3	6.8	0	0	0	0		10	5.5	2.9	10	2.4	0.7	1	1	6.5	1.6	1.2	2.5	Cast Iron	Reconstruct
7/2/2013	None	27M03-01	E 96th st	Oakland Ave S	North	Northwest	One Way Directional	Concrete	0		6.5	5	2.9	5.8	0	0	0	0		0	0	0	0	0	0	1	1	7.4	1.1	0.5	1.4	Cast Iron	Reconstruct
7/2/2013	None	27M04-01	E 96th st	Oakland Ave S	North	Northeast	One Way Directional	Concrete	0		8.5	5	2.7	4.6	0	0	0	0		0	0	0	0	0	0	2	2	5	0.6	4	0.8	Cast Iron	Reconstruct
7/2/2013	None	27M06-01	E 96th st	Park Ave S	North	Northwest	One Way Directional	Concrete	0		25	5	2.2	7.5	2	1.4	5	4	30	0	0	0	0	0	0	2	1	6.5	2.3	0.8	2.3	Cast Iron	None
7/2/2013	None	27N00-01	Portland Ave S	E 96th st	East	Southeast	One Way Directional	Concrete	0	Water valve	9	5	4.3	7.3	0	0	0	0		0	0	0	0	0	0	1	1	10.8	1.3	2.4	2	Cast Iron	Reconstruct
7/2/2013	None	27O26-01	E Old Shakopee Rd	12th aver s	East	Northeast	One Way Directional	Concrete	0		7	4	5	2.7	1	2	4	5	11	0	0	0	0	0	0	0	0	0	0	1.4	0.5	Tyned	Reconstruct
7/2/2013	None	27P26-01	E Old Shakopee Rd	12th aver s	East	Southeast	One Way Directional	Concrete	0		8	5	4.5	8.9	1.3	0.9	5	5	13	0	0	0	0	0	0	0	0	0	0	0	0.1	Tyned	Reconstruct
7/2/2013	None	27Z01-01	E 98th St	Portland Ave S	North	Northeast	Diagonal	Concrete	0	Signal base, gas valve	9	10	2.5	9	0.9	1.5	7	10	16	0	0	0	0	0	0	0	0	1.5	4.1	5.5	0.2	Cast Iron	Reconstruct
7/2/2013	None	27Z03-01	E 98th St	Oakland Ave S	North	Northwest	One Way Directional	Concrete	0		6	6	1.1	7.7	0	0	0	0		0	0	0	0	0	0	0	0	4.4	4.1	1.4	0.7	Tyned	Reconstruct
7/2/2013	None	27Z04-01	E 98th St	Oakland Ave S	North	Northeast	One Way Directional	Concrete	0		6	4	5.2	5.6	0	0	0	0		0	0	0	0	0	0	0	0	0	0	1.5	3	None	Reconstruct
7/2/2013	None	27Z06-01	E 98th St	Park Ave S	North	Northwest	One Way Directional	Concrete	0	Power pole	10	10	2.6	7.9	2	2	5	5	15	0	0	0	0	0	0	0	0	0	0	1	2.3	Cast Iron	None
7/2/2013	None	27Z07-01	E 98th St	Park Ave S	North	Northeast	Parallel	Concrete	0		5	5	1.5	9.5	2.3	1.7	5	5	14.5	0	0	0	0	0	0	0	0	8.6	1.3	0.5	2.1	Colored Concrete	Reconstruct
7/2/2013	None	27Z12-01	E Old Shakopee Rd	Chicago Ave S	North	Northwest	One Way Directional	Concrete	0		10	5	5.6	2.6	3.1	0.3	5	5	15	0	0	0	0	0	0	0	0	0	0	0.5	1.4	Tyned	Reconstruct
7/2/2013	None	27Z13-01	E Old Shakopee Rd	Chicago Ave S	North	Northeast	One Way Directional	Concrete	0		10	5	7.2	5.3	2.8	1.3	5	5	15	0	0	0	0	0	0	0	0	0	0	0	1.6	Tyned	Reconstruct
7/2/2013	None	27Z14-01	E Old Shakopee Rd	E 98th st	South	Southeast	One Way Directional	Concrete	0		10	5	5.1	9.6	0	0	5.5	5	15.5	0	0	0	0	0	0	0	0	0	0	2.2	0.9	Tyned	Reconstruct
7/2/2013	None	27Z15-01	E Old Shakopee Rd	E 98th st	East	Northeast	Depressed Corner	Concrete	0		4.5	14	1.1	9.6	0	0	0	0		10	2.5	2.4	10	0.6	2.6	0	0	0	0	2.4	0.3	Tyned	Reconstruct
7/2/2013	None	27Z22-01	E 98th St	11th Ave S	North	Northeast	Parallel	Concrete	0		7.5	5	1.8	8	1.7	2.9	5	5	12.5	10	2.5	0.5	10	6.1	4	0	0	6	1.4	2.6	0.8	Tyned	Reconstruct
7/2/2013	None	27Z28-01	E 98th St		North		Perpendicular	Concrete	0		5	5	0	12.9	1.2	2.2	4.5	5	9.5	10	1.7	0.5	10	1.9	0.1	2	2	7.3	0	0.2	0.2	Tyned	Reconstruct
7/2/2013	None	27Z34-01	E 98th St	14th aver s	North	Northwest	Diagonal	Concrete	0		24	5	0.4	7.6	2	1.6	5	5	29	0	0	0	0	0	0	3	2	2.9	0.4	0.9	0.3	Cast Iron	None
7/2/2013	None	28A01-01	E 98th St	Portland Ave S	South	Southeast	Diagonal	Concrete	0		7	4	1.1	9.1	3.9	4.6	4	10	11	10	3.9	1.6	10	1.1	1.6	4	4	4.4	2	4.8	2.8	Tyned	Reconstruct
7/2/2013	None	28A22-01	E 98th St	11th Ave S	South	Southeast	Two Way Directional	Concrete	0	Power pole	8	8	1.6	10.5	0.4	3	4	4	12	10	3.2	0.2	0	0	0	2	2	9.5	0.5	2.5	0.1	None	Reconstruct
7/2/2013	None	28A22-02	E 98th St	11th Ave S	South	Southeast	Two Way Directional	Concrete	0		6	4	4.2	8.8	3	0.4	4	4	10	0	0	0	10	1.2	3.6	0	0	5.5	3.5	2.8	2.3	Glued stones	Reconstruct
7/2/2013	None	28A28-01	E 98th St	13th aver s	South	Southwest	One Way Directional	Concrete	0	Power pole	12.5	4	0.9	10.9	0.8	3.4	5	4	17.5	0	0	0	0	0	0	0	0	15.2	0.2	2.6	2.2	Tyned	Reconstruct
7/2/2013	None	28A29-01	E 98th St	13th aver s	South	Southeast	One Way Directional	Concrete	0		20	5	0.6	10.3	0.6	0.2	5	4	25	0	0	0	0	0	0	0	0	10.8	1.5	1.4	2.8	Tyned	Reconstruct
7/2/2013	None	28A34-01	E 98th St	14th aver s	South	Southwest	One Way Directional	Concrete	0		11	5	0.6	6.3	2	1.4	4	4	15	0	0	0	0	0	0	3	3	4.7	1.6	0.1	0.1	Cast Iron	None
7/2/2013	None	29G52-01	Portland Ave S	E 95th St	West	Northwest	One Way Directional	Concrete	0		10	5	4.9	4.4	2.4	0.3	5	4	15	0	0	0	0	0	0	2	3	9	2.2	2.6	1.1	Colored Concrete	Reconstruct
7/2/2013	None	29H52-01	Portland Ave S	E 95th St	West	Southwest	One Way Directional	Concrete	1	Street Sign	10	7	0.6	5.8	0.7	1.4	5	4	15	0	0	0	0	0	0	1	0	7.2	1.3	1.3	1.6	Colored Concrete	Monitor
7/2/2013	None	29M52-01	Portland Ave S	E 96th st	West	Northwest	Diagonal	Concrete	0		6.5	6	0.5	5	0	0	0	0		10	2.1	2.2	10	1.4	3.2	3	6	4	0.5	2.1	3.5	Colored Concrete	None
7/2/2013	None	29N52-01	Portland Ave S	E 96th st	West	Southwest	One Way Directional	Concrete	0	Hydrant	11	6	0.7	9.7	0	0	0	0		0	0	0	0	0	0	1	1	5	3	1	1.4	Colored Concrete	Reconstruct
7/2/2013	None	29Z52-01	E 98th St	Portland Ave S	North	Northwest	Perpendicular	Concrete	0		11.5	6	1.3	5.6	2.2	3.2	8	12.5	19	10	3	4.8	0	3.9	6.8	0	0	7.7	0.2	2.8	1.1	Tyned	Reconstruct
7/2/2013	None	30A52-01	E 98th St	Portland Ave S	South	Southwest	Diagonal	Concrete	0		9	4	1.2	8.7	2.3	0.9	4	6	13	10	5	0.5	10	0.2	4.4	4	4	1.3	2.7	4.1	3.5	Tyned	Reconstruct
7/5/2013	None	28G01-01	Portland Ave S	E 99th St	East	Northeast	One Way Directional	Concrete	2	Stop sign	9.6	9	3.5	2	0	0	0	0		0	0	0	0	0	0	0	0	9.8	0.6	0.1	1.1	Cast Iron	None
7/5/2013	None	28H01-01	Portland Ave S	E 99th St	East	Southeast	Depressed Corner	Concrete	0		8	5	2.6	1.7	0	0	0	0		10	1.6	2.8	0	0	0	0	0	1.1	0.8	0.4	0.9	Cast Iron	None
7/5/2013	None	28H01-02	Portland Ave S	E 99th St	East	Southeast	Depressed Corner	Concrete	0	Light pole	8	10	5.4	3.9	0	0	0	0		0	0	0	10	2	0.5	0	2	3.3	1.8	4.4	0.9	Cast Iron	Reconstruct
7/5/2013	None	28H04-01	Oakland	E 99th St	West	Southwest	One Way Directional	Concrete	0		7	5	1.7	2.4	0	0	0	0		0	0	0	0	0	0	0	0	1	0.7	2.2	0.4	None	Reconstruct
7/5/2013	None	28H05-01	Oakland	E 99th St	East	Southeast	Diagonal	Concrete	0		5.5	5	0.6	7	0.2	0.8	5	5.6		0	0	0	15	0.7	1.4	0	0	6.3	0.9	3	2.1	None	Reconstruct
7/5/2013	None	28M04-01	Oakland		East	East	Diagonal	Asphalt	0		5	10	1.5	0.2	0	0	0	0		10	0.7	0.4	0	0	0	0	0	2.1	1	2.1	1	None	Reconstruct
7/5/2013	None	28N06-01	E 100th St		South	South	Diagonal	Concrete	0		21	6	0.6	7.6	1.4	2.5	5	5		0	0	0	0	0	0	2	2	5.6	0.9	1.4	1.6	Tyned	Reconstruct
7/5/2013	None	28U08-01	Park aver	Oakland rd	East	Southeast	Perpendicular	Concrete	0		5	5	0.3	9.8	0.6	1.7	5	5		10	2	0.1	5	0.7	1.3	0	0	3.6	0.8	5.6	0.5	Tyned	Reconstruct
7/5/2013	None	28V09-01	Columbus		West	West	Perpendicular	Asphalt	0		10	5	2.5	11.4	0	0	0	0		0	0	0	0	0	0	2	0	14.1	1.3	4.8	0.5	None	Reconstruct
7/5/2013	None	28Z07-01	Park aver	E 102nd St	West	Northwest	One Way Directional	Concrete	0		11.6	12	5.1	2.6	0	0	0	0		0	0	0	0	0	0	0	0	1.4	0.9	5.6	1.5	None	Reconstruct
7/5/2013	None	28Z08-01	Park aver	E 102nd St	East	Northeast	One Way Directional	Concrete	0		8	12	6.5	2.3	0	0	0	0		0	0	0	0	0	0	0	0	3.1	0.2	6.5	1.4	None	Reconstruct
7/5/2013	None	28Z09-01	Columbus	E 102nd St	West	Northwest	One Way Directional	Concrete	0		10.5	11	7.9	3.2	0	0	0	0		0	0	0	0	0	0	0	0	6.1	0.4	6.8	2.1	None	Reconstruct
7/9/2013	None	28Z13-01	E 102nd St	Chicago Ave S	North	Northwest	One Way Directional	Concrete	0		12	13	4.7	2.9	0	0	0	0		0	0	0	0	0	0	0	0	4.9	2.2	3	1.4	None	Reconstruct
7/9/2013	None	28Z10-01	E 102nd St	Columbus aver s	North	Northeast	Two Way Directional	Concrete	0		11.5	12	1.7	0.4	0	0	0	0		0	0	0	0	0	0	0	0	4.9	0.2	5.7	1.5	Cast Iron	None
7/9/2013	None	28Z14-01	E 102nd St	Chicago Ave S	North	Northeast	One Way Directional	Concrete	0		10	10	10.5	0.1	0	0	0	0		0	0	0	0	0	0	0	0	5	2.1	4.3	1.7	Cast Iron	Reconstruct
7/9/2013	None	28Z16-01	E 102nd St	Elliot Ave S	North	Northwest	One Way Directional	Concrete	0		8	10	12.4	5	0	0	0	0		0	0	0	0	0	0	0	0	2.1	1.1	6	2.1	None	Reconstruct
7/9/2013	None	28Z17-01	E 102nd St	Elliot Ave S	North	Northeast	One Way Directional	Concrete	0		7	8	9.4	5.8	0	0	0	0		0	0	0	0	0	0	0	0	3.9	0.8	3.3	3.1	None	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
7/9/2013	None	28Z19-01	E 102nd St	10th Ave S	North	Northwest	One Way Directional	Concrete	0		9	8	5.7	3	0	0	0	0		0	0	0	0	0	0	0	0	4.3	1	2	0.9	Cast Iron	Reconstruct
7/10/2013	None	20Z52-01	Portland Ave S	E 94th st	West	Northwest	One Way Directional	Concrete	0		6	6	3.8	6	2	2	5	4	16	0	0	0	0	0	0	2	2	7	0.1	0.8	0.3	Colored Concrete	Monitor
7/10/2013	None	27Z09-01	E Old Shakopee Rd	Columbia aver s	North	Northwest	Diagonal	Concrete	1	Power pole	10	10	2.3	11.7	0	0	0	0		0	0	0	0	0	0	0	0	0	0	1.2	0.7	Cast Iron	Reconstruct
7/10/2013	None	27Z10-01	E Old Shakopee Rd	Columbia aver s	North	Northeast	Diagonal	Concrete	0				1.6	5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.6	0.6	Cast Iron	None
7/10/2013	None	28A09-01	E Old Shakopee Rd	Columbia aver s	South	Southwest	Parallel	Concrete	0		10	6	5.7	4.4	0.4	1.4	5	5	15	0	0	0	0	0	0	0	0	0	0	1.7	0.9	Tyned	Reconstruct
7/10/2013	None	28A10-01	E Old Shakopee Rd	Columbia aver s	South	Southeast	Parallel	Concrete	0		10	6	8.8	1.1	2	2	5	5	15	0	0	0	0	0	0	0	0	0	0	1.6	1	Cast Iron	Reconstruct
7/10/2013	None	29A52-01	Portland Ave S	E 94th st	West	Southwest	One Way Directional	Concrete	0.5	Hydrant	12	6	2.3	5	0.4	0.7	5	5	17	0	0	0	0	0	0	3	3	5.1	1.2	1	0.4	Colored Concrete	Monitor
7/11/2013	None	28Z05-01	E 102nd St	Oakland Ave S	North	Northeast	One Way Directional	Concrete	0		10	12	7	2.5	4.4	0.4	5	5		0	0	0	0	0	0	0	0	3.4	1	3	1.2	None	Reconstruct
7/11/2013	None	27A27-01	12th aver s	E 94th st	East	Southeast	Perpendicular	Concrete	0		7	4	2	4.9	0	0	0	0		0	0	0	0	0	0	0	0	6.2	3.5	2.8	1.3	Cast Iron	None
7/11/2013	None	27R23-01	E Old Shakopee Rd		North		Perpendicular	Concrete	0		6	6	5.5	11.6	2.5	1.3	5	10	11	10	2.3	1	10	2.5	1.4	0	0	0	0	6.1	1.3	None	Reconstruct
7/11/2013	None	27S22-01	E Old Shakopee Rd	10th Ave S	North	Northeast	One Way Directional	Concrete	0	Power pole	11	11	5	8	0.4	1.8	6	5	17	0	0	0	0	0	0	0	0	1.4	3.3	2.5	4.1	Cast Iron	None
7/11/2013	None	27S23-01	E Old Shakopee Rd				Perpendicular	Concrete	0	Signal Base	12	6	0.3	7.1	0.7	3.1	5	5	17	10	4.1	1.5	10	3.1	0.6	0	0	0	0	9.6	0.9	None	Reconstruct
7/11/2013	None	27T21-01	E Old Shakopee Rd	10th Ave S	North	Northwest	One Way Directional	Concrete	0		10	9	5	5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	1.2	1.2	Tyned	Reconstruct
7/11/2013	None	27W18-01	E Old Shakopee Rd	Elliot Ave S	North	Northeast	One Way Directional	Concrete	0		9.5	9	4.6	8.6	3.3	2	4	5	14.5	0	0	0	0	0	0	0	0	0	0	0.5	2.4	Tyned	Reconstruct
7/11/2013	None	27X17-01	E Old Shakopee Rd	Elliot Ave S	North	Northwest	One Way Directional	Concrete	0		11.5	10	5.8	4.6	0.8	1	6	6	17.5	0	0	0	0	0	0	0	0	0	0	2.1	1.8	Tyned	Reconstruct
7/11/2013	None	28M01-01	Portland Ave S	E 100th St	East	Northeast	One Way Directional	Concrete	0		10	6	5.5	3.5	2.2	0.2	5	4		0	0	0	0	0	0	2	2	2.8	1	3.5	1	Cast Iron	Reconstruct
7/11/2013	None	28N01-01	Portland Ave S	E 100th St	East	Southeast	Depressed Corner	Concrete	0		8	16	1.9	4.5	0	0	0	0		0	0	0	10	1.9	0	0	0	2.1	2.6	3.1	1.7	Cast Iron	Reconstruct
7/11/2013	None	28N23-01	E 100th St	11th Ave S	East	East	Perpendicular	Concrete	0		6.5	5	2.2	13	2.2	4	4	5		10	4	2	10	2.4	1.1	0	0	7	3.6	5.5	1.8	None	Reconstruct
7/11/2013	None	28Z01-01	Portland Ave S	E 102nd St	East	Northeast	Depressed Corner	Concrete	0		5	10	4	6.8	0	0	0	0		10	3.2	0.3	10	2	0.9	2	2	2.8	0.3	3.6	1.5	Cast Iron	None
7/11/2013	None	28Z04-01	E 102nd St	Oakland Ave S	North	Northwest	One Way Directional	Concrete	0		9	10	6.8	3	2.7	0.4	5	5		0	0	0	0	0	0	0	0	2.7	0.2	2	2	None	Reconstruct
7/11/2013	None	43A45-01	E 102nd St	5th aver s	South	Southwest	One Way Directional	Concrete	0		8	6	6.9	4	0	0	0	0		0	0	0	0	0	0	1	1	11.1	1.1	4.6	1.2	Cast Iron	Reconstruct
7/11/2013	None	43A46-01	E 102nd St	5th aver s	South	Southeast	Diagonal	Concrete	0		11	6	6.3	8.6	0	0	0	0		0	0	0	0	0	0	1	2	5.3	0.2	1.8	1.5	Cast Iron	Reconstruct
7/11/2013	None	43A52-01	Portland Ave S	E 102nd St	West	Southwest	One Way Directional	Concrete	0		9	5	3	0.1	0	0	0	0		0	0	0	0	0	0	0	0	2.6	6.1	4.8	0.4	Cast Iron	Reconstruct
7/11/2013	None	43K26-01	Nicollet Ave S	W 104th st	West	Northwest	One Way Directional	Concrete	0		5.5	4	2	10	1.7	0.8	5	4	10.5	0	0	0	0	0	0	0	0	18.6	1.6	5	1.9	Tyned	Reconstruct
7/11/2013	None	43L26-01	Nicollet Ave S	W 104th st	West	Southwest	One Way Directional	Concrete	0		5	3.5	4.1	18.5	0	0	0	0		0	0	0	0	0	0	1	1	0.9	5	0.9	5.2	None	Reconstruct
7/11/2013	None	43M27-01	Nicollet Ave S	E 104th st	East	Northeast	Diagonal	Concrete	0		6	5	6	8.6	0	0	0	0		10	2.5	3.2	10	2.4	2.8	1	3	1.7	4.3	7	1.5	Plastic	Reconstruct
7/11/2013	None	43M30-01	E 104th st	1st Ave S	North	Northwest	One Way Directional	Concrete	0		9	5	9.9	5.7	0	0	0	0		0	0	0	0	0	0	0	4	3.4	0.6	2	2.3	Cast Iron	Reconstruct
7/11/2013	None	43M31-01	E 104th st	1st Ave S	North	Northeast	One Way Directional	Concrete	0		10	6	5.2	3.4	0.7	0.7	6	5	16	0	0	0	0	0	0	3	0	3.6	0.7	2.8	1.7	Cast Iron	Reconstruct
7/11/2013	None	43M32-01	E 104th st	1st Ave S	North	Northwest	One Way Directional	Concrete	0		8	5	5.2	4.5	1.2	0.6	4	5	12	0	0	0	0	0	0	0	0	3.3	0.4	0.1	1	Cast Iron	None
7/11/2013	None	43M33-01	E 104th st	Stevens aver s	North	Northeast	Diagonal	Concrete	0		5	5	0.4	3	1.2	1.4	5	5	10	10	1.8	0.3	10	0.7	0.6	2	3	4.4	0.3	2	0.7	Cast Iron	None
7/11/2013	None	43M42-01	E 104th st	Clinton aver s	North	Northwest	One Way Directional	Concrete	0		5	5	1.8	4.5	0	0	0	0		0	0	0	0	0	0	0	0	2.2	5	0	3.7	Tyned	Reconstruct
7/11/2013	None	43M43-01	E 104th st	Clinton aver s	North	Northeast	One Way Directional	Concrete	0		9	5	2	6	2	2	5	5	14	0	0	0	0	0	0	0	0	4.7	1.7	1.4	1.2	Tyned	Reconstruct
7/11/2013	None	43M46-01	E 104th st	4th aver s	North	Northwest	One Way Directional	Concrete	0		4	6	2	2	0	0	0	0		0	0	0	0	0	0	0	0	5	1.4	0.8	3.3	None	Reconstruct
7/11/2013	None	43N27-01	Nicollet Ave S	E 104th st	East	Southeast	One Way Directional	Concrete	0		10	5	1.9	5	0	0	0	0		0	0	0	0	0	0	3	1	3.4	0.9	0.7	1.7	Cast Iron	None
7/11/2013	None	43O01-01	Lyndale Ave S	W 104th st	East	Northeast	One Way Directional	Concrete	1	Power pole	11	5	3	4.4	3.3	1.1	4	4	15	0	0	0	0	0	0	0	0	6.6	1.4	0.3	1.4	Cast Iron	Reconstruct
7/11/2013	None	43P01-01	Lyndale Ave S	W 104th st	East	Southeast	One Way Directional	Concrete	0		11.5	5	3.5	2.1	1.7	3.3	4	4	15	0	0	0	0	0	0	0	0	6.2	4.9	2.7	2.4	Cast Iron	Reconstruct
7/11/2013	None	43S01-01	Lyndale Ave S	Mission rd	East	Northeast	One Way Directional	Concrete	0		7	7	6.9	2.8	1.7	1.9	4	4	11	0	0	0	0	0	0	0	0	3.7	0.1	3	2.7	Cast Iron	None
7/11/2013	None	43U01-01	Lyndale Ave S	Mission rd	East	Southeast	One Way Directional	Concrete	0	Power pole	8	6	2	2	0	0	0	0		0	0	0	0	0	0	0	0	11	3.5	4.3	1.6	Cast Iron	None
7/15/2013	None	43A01-01	W 102nd St	Lyndale Ave S	South	Southeast	One Way Directional	Concrete	0		3.5	4	3.8	12.2	3.2	5.8	4	4		10	3.5	3.1	0	0	0	2	2	7	1	1	3.3	Cast Iron	Reconstruct
7/15/2013	None	43A06-01	W 102nd St	Harriet Ave S	South	Southwest	One Way Directional	Concrete	0		5.5	4	10.5	12.7	0	0	0	0		0	0	0	0	0	0	0	0	6.6	0.6	0.9	0.8	Tyned	Reconstruct
7/15/2013	None	43A07-01	W 102nd St	Harriet Ave S	South	Southeast	One Way Directional	Concrete	0		9	4	4	5.5	2	0.3	5	4		0	0	0	0	0	0	0	0	7.7	3.6	3.8	0.4	Tyned	Reconstruct
7/15/2013	None	43A09-01	W 102nd St	Grand aver	South	Southwest	One Way Directional	Concrete	0		4.5	4	1.7	7.1	1.9	0.6	4.5	4		0	0	0	0	0	0	0	0	11.3	0.9	3.5	0.7	None	Reconstruct
7/15/2013	None	43A10-01	W 102nd St	Pleasant Ave S	South	Southeast	One Way Directional	Concrete	0		7	4	4	10.4	0	0	0	0		0	0	0	0	0	0	0	0	7.6	2.8	1.3	2.3	Tyned	Reconstruct
7/15/2013	None	43A13-01	W 102nd St	Pleasant Ave S	South	Southwest	One Way Directional	Concrete	0		8.4	4	1.9	4	0	0	0	0		0	0	0	0	0	0	0	0	3.2	1.1	0.4	0.4	None	Reconstruct
7/15/2013	None	43A14-01	W 102nd St	Pleasant Ave S	South	Southeast	One Way Directional	Concrete	0		7	4	1.6	7.3	0.4	1.3	5	4		0	0	0	0	0	0	0	0	4.8	0.9	1.2	1.1	Tyned	Reconstruct
7/15/2013	None	43A19-01	W 102nd St	Wentworth Ave S	South	Southwest	One Way Directional	Concrete	0		5	4	0.3	16.3	0	0	0	0		0	0	0	0	0	0	0	0	7.9	0.3	0.2	2.9	Tyned	Reconstruct
7/15/2013	None	43A20-01	W 102nd St	Wentworth Ave S	South	Southeast	One Way Directional	Concrete	0		4	4	4.5	15.8	1.7	1.7	5	4		0	0	0	0	0	0	0	0	6.4	1.4	4.9	1.6	Tyned	Reconstruct
7/15/2013	None	43A22-01	W 102nd St	Blaisdell Ave S	South	Southwest	One Way Directional	Concrete	0		5.5	4	1.3	7.3	0.1	1.2	5	4		0	0	0	0	0	0	0	0	4.9	0.9	0.9	2.4	Tyned	Reconstruct
7/15/2013	None	43A23-01	W 102nd St	Blaisdell Ave S	South	Southeast	One Way Directional	Concrete	0		8	4	4	8.1	1.2	0.7	5	4		0	0	0	0	0	0	0	0	6	1.6	0.2	1.3	Tyned	Reconstruct
7/15/2013	None	43A26-01	W 102nd St	Nicollet Ave S	South	Southwest	Depressed Corner	Concrete	0		5	13	3.7	9.2	4.7	1.6	5	4		10	2.5	1.8	10	1.2	1.8	0	0	7	1.3	6.8	0	None	Reconstruct
7/15/2013	None	43A27-01	W 102nd St	Nicollet Ave S	South	Southeast	Two Way Directional	Concrete	0		4.5	6	0.6	9.2	2.7	1.9	4	5		0	0	0	10	1.1	0.9	0	0	7.7	0.9	2	2.6		None
7/15/2013	None	43A27-02	Nicollet Ave S	E 102nd St	South	Southeast	Two Way Directional	Concrete	0		6	5	0.6	8	2.6	2	5	4		10	2.9	3.2	0	0	0	0	0	5.7	0.9	2.5	3.3	Cast Iron	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
7/15/2013	None	43A42-01	E 102nd St	Clinton aver s	South	Southwest	One Way Directional	Concrete	0	Catch basin just outside ramp	6.5	4	2.8	6	2.5	0.7	5	4	12.5	0	0	0	0	0	0	2	2	11.8	0.5	1.4	0.1	Cast Iron	Reconstruct
7/15/2013	None	43A43-01	E 102nd St	Clinton aver s	South	Southeast	One Way Directional	Concrete	0	Handhole	9.5	4	4.9	6.9	1.5	1.6	4	4	13.5	0	0	0	0	0	0	2	2	1.6	1.6	2.7	0.2	Cast Iron	None
7/15/2013	None	43A49-01	E 102nd St	4th aver s	South	Southwest	One Way Directional	Concrete	0		8	4	2.8	6.3	2.9	4.3	5	4	13	0	0	0	0	0	0	2	2	5.4	0.3	0	0.5	Cast Iron	Reconstruct
7/15/2013	None	43A50-01	E 102nd St	4th aver s	South	Southeast	One Way Directional	Concrete	0		6.5	5	8.9	8.6	5	3.4	6	4	12.5	0	0	0	0	0	0	2	2	12.1	0.1	2.2	0.7	Cast Iron	Reconstruct
7/16/2013	None	42G27-01	Humboldt Ave S	W 107th St	East	Northeast	One Way Directional	Concrete	0		9.5	4.5	1.4	9	0	0	0	0		0	0	0	0	0	0	0	0	7.2	1.2	2.8	1	Exposed Aggregate	Reconstruct
7/16/2013	None	42H27-01	Humboldt Ave S	W 107th St	East	Southeast	One Way Directional	Concrete	0		22	5	3.3	8.9	3.3	1.7	5	5		0	0	0	0	0	0	0	0	1.6	0.1	6	0.1	Exposed Aggregate	Reconstruct
7/16/2013	None	42J27-01	Humboldt Ave S	Valley high	East	Northeast	One Way Directional	Concrete	0		9	5	2.9	6.5	0	0	0	0		0	0	0	0	0	0	0	0	9.2	4.8	2.1	1.2	None	Reconstruct
7/16/2013	None	42K27-01	Humboldt Ave S	Valley high	East	Southeast	One Way Directional	Concrete	0		12	5	1.6	9.4	0	0	0	0		0	0	0	0	0	0	0	0	7.7	0.7	0.9	1	None	Reconstruct
7/16/2013	None	42N01-01	Overlook Dr	W 108th St	West	Southwest	Parallel	Concrete	0		5	8	3	12.2	1.4	0.3	5	8		10	2	2.8	10	2.3	1	2	2	6.8	0.4	3.1	2.4	None	Reconstruct
7/16/2013	None	42N02-01	Overlook Dr	W 108th St	West	Southwest	Parallel	Concrete	0		5	7	3.2	7.7	2.5	2.9	4	7		10	3.6	2.8	10	0.7	3.2	2	2	4.3	2.6	0.9	3.4	Tyned	Reconstruct
7/16/2013	None	42N04-01	Overlook Dr	W 108th St	East	Southeast	Depressed Corner	Concrete	0		4	9	1.9	8.3	4.3	0.4	4	10		10	3.1	4.5	10	0.7	0.3	0	0	12.5	1.3	3.8	5.8	None	Reconstruct
7/16/2013	None	42N28-01	Humboldt Ave S	Bliss	East	Southeast	One Way Directional	Concrete	0		7	6.5	1.5	7.8	1.9	1.7	6	5		0	0	0	0	0	0	0	0	0.7	2.1	2.8	1.2	Cast Iron	Monitor
7/16/2013	None	42Q02-01	Overlook Dr	Wellswood Curve	West	Northwest	One Way Directional	Concrete	0		9.5	5	0.5	9.8	0	0	0	0		0	0	0	0	0	0	3	2	4.1	2.1	3.3	1.5	Cast Iron	Monitor
7/16/2013	None	42R02-01	Overlook Dr	Wellswood Curve	West	Southwest	Diagonal	Concrete	0		5	4	0.7	7.9	0	0	0	0		0	0	0	0	0	0	2	3	3.7	1.6	3.6	3.6	Cast Iron	Monitor
7/16/2013	None	42T02-01	Overlook Dr	Wellswood Curve	West	Northwest	One Way Directional	Concrete	0		20	6	0.5	6	2	1.4	5	4		0	0	0	0	0	0	2	2	2.5	0.7	6	0.4	Cast Iron	None
7/16/2013	None	42U01-01	Overlook Dr	Wellswood Curve	West	Southwest	One Way Directional	Concrete	0	Hydrant	9	5	1.5	10.2		0	0	0		0	0	0	0	0	0	3	2	8.2	1	1	1.2	Cast Iron	Monitor
7/16/2013	None	42U02-01	Overlook Dr	Wellswood Curve	West	Southwest	Perpendicular	Concrete	0		8	5	8.2	6.2	10.5	0.9	4	5		10	3.5	12.8	0	0	0	0	3	3.2	2.8	3.7	0.8	Cast Iron	Reconstruct
7/16/2013	None	42U29--01	Humboldt Ave S	W 109th St	East	Northeast	One Way Directional	Concrete	0		5.5	5	1.8	7.6	2.8	2	4	5		0	0	0	0	0	0	0	0	2.6	1	1.3	2.4	None	Reconstruct
7/16/2013	None	42Z04-01	Overlook Dr	W 110th St	West	Northwest	Diagonal	Concrete	0		7.5	6	2.1	11.4	0.8	4.7	4	4		10	1.8	0.3	10	2.7	5.9	0	4	3.7	2.7	3.8	2.3	Cast Iron	Reconstruct
7/16/2013	None	44A26-01	W 107 th st cir	Nicollet Ave S	North	Northwest	One Way Directional	Concrete	0		12.5	4	2.4	5	1.8	1.8	5	4		10	2.2	0.7	0	0	0	0	0	3.1	2.1	1	2.5	None	Reconstruct
7/16/2013	None	44A27-01	W 107 st	Nicollet Ave S	North	Northeast	One Way Directional	Concrete	0		12	4	4.1	9	2	1.2	5	4		0	0	0	0	0	0	0	0	5.5	1.6	2	3	None	Reconstruct
7/16/2013	None	44B22-01	Went worth aver	W 107th St	East	Northeast	One Way Directional	Concrete	0		7.6	4	3.1	9.1	2.9	1	5	4		0	0	0	0	0	0	0	0	0.4	0.8	3	0.6	None	Reconstruct
7/16/2013	None	44B27-01	W 107 th st cir	Nicollet Ave S	South	Southeast	Perpendicular	Concrete	0		5	5	3.3	5.8	2.6	1.8	5	5		0	0	0	10	1.9	1.7	0	0	4.5	0.8	2.3	0.7	None	Reconstruct
7/16/2013	None	44C22-01	Went worth aver	W 107th St	East	Southeast	One Way Directional	Concrete	0		7	4	3.8	5	2.9	0.6	4	4		0	0	0	0	0	0	0	0	4.6	0.3	4.1	1.3	None	Reconstruct
7/16/2013	None	49B03-01	Overlook Dr	W 110th St	West	Southwest	One Way Directional	Concrete	0		10	6	1	5.4	2.8	2.7	5	4		0	0	0	0	0	0	0	0	0.9	0.2	5.9	0.6	Cast Iron	Reconstruct
7/16/2013	None	49B04-01	Overlook Dr	W 110th St	East	Southeast	Perpendicular	Concrete	0		5.5	5.5	4.5	12.5	6	7	7.5	9		10	4.8	4.2	0	0	0	2	2	3.5	0.9	4.1	1.9	Cast Iron	Reconstruct
7/16/2013	None	51A46-01	W 110th St	Russell Ave S	South	Southwest	One Way Directional	Concrete	0		11	6	6.9	4.9	0	0	0	0		0	0	0	0	0	0	0	0	2.9	3.1	1.4	1.8	Cast Iron	Reconstruct
7/16/2013	None	51A47-01	W 110th St	Russell Ave S	South	Southeast	One Way Directional	Concrete	0		5	6	4.1	3.5	0	0	0	0		0	0	0	0	0	0	0	0	0.2	1.9	2.8	1.5	Cast Iron	Reconstruct
7/16/2013	None	51A50-01	W 110th St	Queen Ave S	South	Southwest	One Way Directional	Concrete	0	Hydrant	8	6	1.2	11.3	1.6	4.9	5	4		0	0	0	0	0	0	0	0	2.7	2.5	2.8	1.5	Cast Iron	Reconstruct
7/16/2013	None	51A50-01	W 110th St	Queen Ave S	South	Southeast	One Way Directional	Concrete	0		11.5	7	1.7	10.1	1.9	3.8	5	4		0	0	0	0	0	0	0	1	6.2	3	3.3	3.1	Cast Iron	Reconstruct
7/17/2013	None	40A43-01	W 106th St	Russell Ave S	South	Southwest	One Way Directional	Concrete	0		7	4	3.1	10.3	0.8	0.3	4	4		0	0	0	0	0	0	0	0	5.4	0.5	0.3	0.6	None	Reconstruct
7/17/2013	None	40A44-01	W 106th St	Russell Ave S	South	Southeast	One Way Directional	Concrete	0		7	4	3.7	2.3	0	0	0	0		0	0	0	0	0	0	0	0	3.8	1.2	3.3	1	None	Reconstruct
7/17/2013	None	40A47-01	W 106th St	Sheridan Ave S	South	Southwest	One Way Directional	Concrete	0		8	4	4.1	5	0	0	0	0		0	0	0	0	0	0	0	0	7.9	1.6	1.1	2.1	None	Monitor
7/17/2013	None	40A48-01	W 106th St	Sheridan Ave S	South	Southeast	One Way Directional	Concrete	0		10.5	5	2	2.6	0	0	0	0		0	0	0	0	0	0	0	0	4	1.2	1.3	0.2	None	Reconstruct
7/17/2013	None	40A51-01	W 106th St	Queen Ave S	South	Southwest	One Way Directional	Concrete	0		7.5	5	6.6	2.3	0	0	0	0		0	0	0	0	0	0	0	0	4.8	1.3	5.9	1.1	None	Reconstruct
7/17/2013	None	40A52-01	W 106th St	Queen Ave S	South	Southeast	One Way Directional	Concrete	0		7.5	7	0.1	10.3	0	0	0	0		0	0	0	0	0	0	0	0	2.8	5.7	2.5	2.9	None	Reconstruct
7/17/2013	None	40O40-01	W 108th St	Thomas Ave S	South	Southwest	One Way Directional	Concrete	0		5	6	6.6	3.8	0	0	0	0		0	0	0	0	0	0	0	0	6.1	2.6	4.1	0.5	None	Reconstruct
7/17/2013	None	40O41-01	W 108th St	Thomas Ave S	South	Southeast	Diagonal	Concrete	0		8	5	4.5	6.1	0	0	0	0		0	0	0	0	0	0	0	0	7.1	2.1	1.5	2.1	Tyned	Reconstruct
7/17/2013	None	40O43-01	W 108th St	Sheridan Ave S	South	Southwest	One Way Directional	Concrete	0		5	6	3.4	3.4	0	0	0	0		0	0	0	0	0	0	0	0	5.3	3.9	3.1	1.8	Tyned	Reconstruct
7/17/2013	None	40O44-01	W 108th St	Sheridan Ave S	South	Southeast	One Way Directional	Concrete	0		5	6	4.8	5.4	0	0	0	0		0	0	0	0	0	0	0	0	4.1	2.7	0.5	3	Tyned	Reconstruct
7/17/2013	None	40O47-01	W 108th St	Russell Ave S	South	Southwest	One Way Directional	Concrete	0		4.5	5	2.9	7.9	0	0	0	0		0	0	0	0	0	0	0	0	5	0.1	3.3	0.5	Tyned	Reconstruct
7/17/2013	None	40O48-01	W 108th St	Russell Ave S	South	Southeast	One Way Directional	Concrete	0		4.5	5	4.2	5.9	0	0	0	0		0	0	0	0	0	0	0	0	5.3	3.1	2	1.6	Tyned	Reconstruct
7/17/2013	None	40Z33-01	W 110th St	Vincent Ave S	North	Northwest	One Way Directional	Concrete	0		8	5	4.9	8.6	0	0	0	0		0	0	0	0	0	0	0	0	3.6	2.4	4.3	3.5	Cast Iron	Reconstruct
7/17/2013	None	40Z34-01	W 110th St	Vincent Ave S	North	Northeast	One Way Directional	Concrete	0		8	5	2	6.3	0	0	0	0		0	0	0	0	0	0	0	0	8.7	0.3	2.7	2.8	Colored Concrete	Reconstruct
7/17/2013	None	40Z40-01	W 110th St	Thomas Ave S	North	Northwest	One Way Directional	Concrete	0		9	5	2.5	4.9	0.1	1.4	5	4		0	0	0	0	0	0	0	0	2.2	0	0.7	2.1	Colored Concrete	None
7/17/2013	None	40Z41-01	W 110th St	Thomas Ave S	North	Northeast	Diagonal	Concrete	0		5	6	2	3.4	0	0	0	0		0	0	0	0	0	0	0	0	9.1	1.4	3.1	1.3	Cast Iron	None
7/17/2013	None	40Z44-01	W 110th St	Sheridan Ave S	North	Northeast	One Way Directional	Concrete	0		9.5	6	1.2	3.2	0	0	0	0		0	0	0	0	0	0	0	0	1.3	0.8	4.5	1	Cast Iron	None
7/17/2013	None	40Z48-01	W 110th St	Russell Ave S	North	Northwest	One Way Directional	Concrete	0		5.5	5	2.5	6.5	0	0	0	0		0	0	0	0	0	0	0	0	1.4	2	3.5	0.2	Cast Iron	Reconstruct
7/17/2013	None	40Z48-01	W 110th St	Russell Ave S	North	Northeast	One Way Directional	Concrete	0		21	5	2	8.8	0.5	1.5	5	4		0	0	0	0	0	0	0	0	4.5	0.9	3.4	0.1	Cast Iron	Monitor
7/17/2013	None	49Z43-01	W 110th St	Sheridan Ave S	North	Northwest	One Way Directional	Concrete	0		8.5	3.5	1.9	8.9	0	0	0	0		0	0	0	0	0	0	0	0	4.7	3.4	2.7	2.2	Cast Iron	Reconstruct
7/17/2013	None	51A01-01	France Ave S	W 110th St	East	Southeast	Two Way Directional	Concrete	0		8	4	2.5	4.7	2.9	0.4	4	4		10	1.4	2.9	0	0	0	0	3	8.6	1.4	5.2	1.1	Cast Iron	Reconstruct
7/17/2013	None	51A01-02	France Ave S	W 110th St	East	Southeast	Two Way Directional	Concrete	0		9	5	2	8.5	0.6	2.9	4	4		0	0	0	10	3	3.8	4	0	5.7	1.9	3	3.2	Cast Iron	Reconstruct
7/17/2013	None	51A03-01	W 110th St	Ewing Ave S	South	Southwest	One Way Directional	Concrete	0		9	5	4	5.5	0	0	0	0		0	0	0	0	0	0	0	0	4.3	1.2	3.9	1.2	Cast Iron	Reconstruct
7/17/2013	None	51A04-01	W 110th St	Ewing Ave S	South	Southeast	One Way Directional	Concrete	0		11.5	5	0.2	5.5	1.3	0.2	4	4		0	0	0	0	0	0	0	0	5.1	0.8	2.6	1.1	Cast Iron	None

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
7/17/2013	None	51A06-01	W 110th St	Drew Ave S	South	Southwest	One Way Directional	Concrete	0		9	4	2.5	8.3	0	0	0	0		0	0	0	0	0	0	0	0	4.3	1.3	2.4	0.7	Cast Iron	Reconstruct
7/17/2013	None	51A07-01	W 110th St	Drew Ave S	South	Southeast	One Way Directional	Concrete	0		8.5	5	0.6	5.8	2	1	4	4		0	0	0	0	0	0	0	0	8.3	0.7	6.6	0.3	Cast Iron	Monitor
7/17/2013	None	51A26-01	W 110th St	Xerxes Ave S	South	Southwest	One Way Directional	Concrete	0		7	7	0.3	6.9	0	0	0	0		10	3.8	1.1	0	0	0	0	0	6.1	3.3	1.9	2.6	Cast Iron	Reconstruct
7/17/2013	None	51A27-01	W 110th St	Xerxes Ave S	South	Southeast	One Way Directional	Concrete	0		7	5	2	2	0	0	0	0		0	0	0	0	0	0	3	3	2	0.5	2.8	0.8	Cast Iron	Monitor
7/17/2013	None	51A29-01	W 110th St	Washburn Ave S	South	Southwest	One Way Directional	Concrete	0		10	5	2	0.2	0	0	0	0		0	0	0	0	0	0	0	0	2	2.7	4	0.5	Cast Iron	None
7/17/2013	None	51A30-01	W 110th St	Washburn Ave S	South	Southeast	One Way Directional	Concrete	0		9	8	2.5	8.9	0	0	0	0		0	0	0	0	0	0	0	0	2.3	2.7	0	2.9	Cast Iron	Reconstruct
7/17/2013	None	51A32-01	W 110th St	Vincent Ave S	South	Southwest	One Way Directional	Concrete	0		7	4.5	5.2	7.1	0	0	0	0		0	0	0	0	0	0	2	2	6.9	1.9	0.2	0.5	Cast Iron	Reconstruct
7/17/2013	None	51A33-01	W 110th St	Vincent Ave S	South	Southeast	One Way Directional	Concrete	0		16.5	5	3.3	8.2	1.6	0.9	5	4		0	0	0	0	0	0	4	2	1.8	0.3	1.3	0	Cast Iron	None
7/17/2013	None	51A36-01	W 110th St	Upton Ave S	South	Southwest	One Way Directional	Concrete	0		9	6	4	8.9	0	0	0	0		0	0	0	0	0	0	0	0	2.5	1.3	1	0.9	Cast Iron	Reconstruct
7/17/2013	None	51A37-01	W 110th St	Upton Ave S	South	Southeast	One Way Directional	Concrete	0		10	4	1.2	3.9	0	0	0	0		0	0	0	0	0	0	1	1	4.5	0.6	3.6	1.1	Cast Iron	None
7/17/2013	None	51A40-01	W 110th St	Thomas Ave S	South	Southeast	One Way Directional	Concrete	0		6	6	1	0.3	0	0	0	0		0	0	0	0	0	0	0	0	3	2	2.2	0.2	Cast Iron	None
7/17/2013	None	51A49-01	W 110th St	Thomas Ave S	South	Southwest	One Way Directional	Concrete	0		4.5	5	2	8	0	0	0	0		0	0	0	0	0	0	1	1	3.3	0.9	3.7	1.7	Cast Iron	Reconstruct
7/17/2013	None	51M01-01	France Ave S	W 112th St	East	Northeast	One Way Directional	Concrete	0		6.5	4	1.3	10.1	0	0	0	0		0	0	0	0	0	0	0	0	5.7	2.3	2.5	1.6	Cast Iron	Reconstruct
7/17/2013	None	51N01-01	France Ave S	W 112th St	East	Northeast	One Way Directional	Concrete	0		6	4.5	2.4	4.4	0	0	0	0		0	0	0	0	0	0	0	0	9.8	1.4	1.9	0.6	Cast Iron	Reconstruct
7/17/2013	None	51T26-01	Xerxes Ave S	Overlook	West	Northwest	One Way Directional	Asphalt	0		16	8	0.5	0.5	0	0	0	0		0	0	0	0	0	0	0	0	9.2	2.2	2.6	0.1	None	Reconstruct
7/17/2013	None	51W01-01	France Ave S	W 114th St	East	Northeast	One Way Directional	Concrete	0		9	4	1.5	0.2	0	0	0	0		0	0	0	0	0	0	0	0	3.5	2.2	1.6	0.5	None	Reconstruct
7/17/2013	None	52X01-01	France Ave S	W 114th St	East	Southeast	One Way Directional	Concrete	0		11	4	1.8	4.2	0	0	0	0		0	0	0	0	0	0	0	0	4.6	1.9	1	0.9	None	Reconstruct
7/23/2013	None	40N01-01	W 108th St	France Ave S	North	Northeast	Diagonal	Concrete	0		4	12	2	5.8	2.6	4.7	4	4		10	1.7	0.7	10	1.5	2	0	0	7	2.1	3.3	1	Cast Iron	Reconstruct
7/23/2013	None	40N14-01	W 108th St	Beard Ave S	North	Northwest	One Way Directional	Concrete	0		6.5	5	1.9	7.9	0.6	2.8	6	4		0	0	0	0	0	0	0	0	5.4	2.1	3.8	0	None	Reconstruct
7/23/2013	None	40N15-01	W 108th St	Beard Ave S	North	Northeast	One Way Directional	Concrete	0		6	5	3.1	9	4.2	0.9	5	4		0	0	0	0	0	0	0	0	9.4	0.5	4.4	1.8	None	Reconstruct
7/23/2013	None	40N27-01	W 108th St	Xerxes Ave S	South	Southwest	Diagonal	Concrete	0		6.5	6	1	8.3	0	0	0	0		10	2.3	0.9	10	1.5	4.3	2	2	7.6	1.6	4.7	1.1	Cast Iron	Reconstruct
7/23/2013	None	40N27-01	W 108th St	Xerxes Ave S	North	Northwest	One Way Directional	Concrete	0		7	5	2	7.6	0	0	0	0		0	0	0	0	0	0	3	3	3.9	1.5	4.9	0.1	Cast Iron	Reconstruct
7/23/2013	None	40N28-01	W 108th St	Xerxes Ave S	North	Northeast	One Way Directional	Concrete	0		10	6	4.4	10	0	0	0	0		0	0	0	0	0	0	2	2	8.7	1.9	2	6.4	Cast Iron	Reconstruct
7/23/2013	None	40O01-01	W 108th St	France Ave S	South	Southeast	Diagonal	Concrete	0		6	8	2.5	8.3	0	0	0	0		10	1.8	0.8	10	5.5	4.4	0	0	10.7	1.2	2.9	0.7	None	Reconstruct
7/23/2013	None	40O17-01	W 108th St	Abbott Ave S	South	Southwest	One Way Directional	Concrete	0		12	5	2.3	6.5	1.8	1.5	5	4	17	0	0	0	0	0	0	1	1	8	0.1	2.3	1.7	Cast Iron	None
7/23/2013	None	40O18-01	W 108th St	Abbott Ave S	South	Southeast	One Way Directional	Concrete	0		7	7	5.5	11.5	0	0	0	0		0	0	0	0	0	0	0	0	5.1	2.3	2.1	2.9	Cast Iron	Reconstruct
7/23/2013	None	40O20-01	W 108th St	Zenith Ave S	South	Southwest	One Way Directional	Concrete	0		7	7.5	4.2	11.2	1.4	2	5.5	5		0	0	0	0	0	0	0	0	8.7	2.6	0.9	5.6	Cast Iron	None
7/23/2013	None	40O21-01	W 108th St	Zenith Ave S	South	Southeast	One Way Directional	Concrete	0		6	5.5	2.9	4.1	0	0	0	0		0	0	0	0	0	0	0	0	8.6	0.2	6.2	1.7	Cast Iron	None
7/23/2013	None	40O24-01	W 108th St	York Ave S	South	Southwest	One Way Directional	Concrete	0		6.5	6.5	4.2	10.2	1.5	0.5	5	5		0	0	0	0	0	0	0	0	7.7	0.4	1.8	0.2	Cast Iron	None
7/23/2013	None	40O25-01	W 108th St	York Ave S	South	Southeast	One Way Directional	Concrete	0		7	6	3.8	7.7	0	0	0	0		0	0	0	0	0	0	0	0	10.1	1.9	3.8	2.1	Cast Iron	Reconstruct
7/23/2013	None	40O28-01	W 108th St	Xerxes Ave S	South	Southeast	Diagonal	Concrete	0		4	12	2.4	9.7	3.3	4.8	4	4		10	1.7	1.2	10	0.9	4	0	0	9.5	2.3	5.5	2.3	Cast Iron	Reconstruct
7/23/2013	None	40O310-01	W 108th St	Washburn Ave S	South	West	One Way Directional	Concrete	0		19.5	5	0.5	8.8	0.9	0.7	4.5	5		0	0	0	0	0	0	0	0	10.1	1.2	1.5	4.9	Tyned	Reconstruct
7/23/2013	None	40O31-01	W 108th St	Washburn Ave S	South	Southeast	One Way Directional	Concrete	0		4.5	5	1.4	5.5	0	0	0	0		0	0	0	0	0	0	0	0	9	0.5	4.1	2	Exposed Aggregate	Reconstruct
7/23/2013	None	40O33-01	W 108th St	Vincent Ave S	South	West	One Way Directional	Concrete	0		5	5	0.4	5.4	0.6	1.1	4.5	5		0	0	0	0	0	0	0	0	5.4	1	4.2	2.5	Tyned	Reconstruct
7/23/2013	None	40O34-01	W 108th St	Vincent Ave S	South	Southeast	One Way Directional	Concrete	0		23	5	1.7	8.7	2	1.7	5	5		0	0	0	0	0	0	0	0	5.7	0.9	5	1.9	Tyned	Reconstruct
7/23/2013	None	40O37-01	W 108th St	Upton Ave S	South	West	One Way Directional	Concrete	0		18	5	3.4	4.2	1.4	1	4.5	5		0	0	0	0	0	0	0	0	0.4	1.2	3.2	0.5	Tyned	Reconstruct
7/23/2013	None	40O38-01	W 108th St	Upton Ave S	South	Southeast	One Way Directional	Concrete	0		7	5.5	7.1	15.2	0	0	0	0		0	0	0	0	0	0	0	0	3.7	1.9	4.3	0.9	None	Reconstruct
7/23/2013	None	40T01-01	W 109th St	France Ave S	North	Northeast	One Way Directional	Concrete	0		8.5	7	5.2	3.4	0	0	0	0		0	0	0	10	1.1	1.3	0	0	13	3.8	0.5	4	None	Reconstruct
7/23/2013	None	40T17-01	W 109th St	Abbott Ave S	North	Northwest	One Way Directional	Concrete	0		8	5	1.6	8.8	1.5	1.2	5	4		0	0	0	0	0	0	0	0	9.2	0.4	2.1	1.2	Tyned	Reconstruct
7/23/2013	None	40U01-01	W 109th St	France Ave S	South	Southeast	One Way Directional	Concrete	0		4.5	5	5.5	9.2	1.6	0.1	5.5	4		0	0	0	0	0	0	0	0	9.5	5.2	2.3	1.1	None	Reconstruct
7/23/2013	None	40Z01-01	W 110th St	France Ave S	North	Northeast	Diagonal	Concrete	0		7	5	0.9	7.9	0	0	0	0		10	3.5	2.5	10	4.2	2.2	4	4	11.2	1.3	3	0.5	Cast Iron	Reconstruct
7/23/2013	None	40Z04-01	W 110th St	Ewing Ave S	North	Northwest	One Way Directional	Concrete	0		9	5	1.3	4.2	0	0	0	0		0	0	0	0	0	0	0	0	7.2	0.7	0.3	1	Cast Iron	Monitor
7/23/2013	None	40Z05-01	W 110th St	Ewing Ave S	North	Northeast	One Way Directional	Concrete	0		8.5	7.5	1.7	2.8	0	0	0	0		0	0	0	0	0	0	0	0	9.3	0.2	1.5	0.1	Cast Iron	Monitor
7/23/2013	None	40Z07-01	W 110th St	Drew Ave S	North	Northwest	One Way Directional	Concrete	0		7.5	6	4.2	6.3	2.5	1.5	4	4		0	0	0	0	0	0	0	0	8.4	0.9	1.1	1.7	Cast Iron	Reconstruct
7/23/2013	None	40Z08-01	W 110th St	Drew Ave S	North	Northeast	One Way Directional	Concrete	0		6	7	4.3	3	0	0	0	0		0	0	0	0	0	0	0	0	7.9	1.3	5	0.2	Cast Iron	Reconstruct
7/23/2013	None	40Z10-01	W 110th St	Chowen Ave S	North	Northwest	One Way Directional	Concrete	0	Street Sign	7	7	1.3	5	0	0	0	0		0	0	0	0	0	0	0	0	12.3	0.6	2.7	1.3	Cast Iron	Monitor
7/23/2013	None	40Z11-01	W 110th St	Chowen Ave S	North	Northeast	One Way Directional	Concrete	0		8.5	6	2	5.8	0	0	0	0		0	0	0	0	0	0	0	0	5.4	1.1	0.2	0.8	Cast Iron	Reconstruct
7/23/2013	None	40Z14-01	W 110th St	Beard Ave S	North	Northwest	One Way Directional	Concrete	0		20	7	1.4	6.4	0.7	0.7	4	4		0	0	0	0	0	0	0	0	7.2	4.5	1.9	3.4	Cast Iron	Monitor
7/23/2013	None	40Z15-01	W 110th St	Beard Ave S	North	Northeast	One Way Directional	Concrete	0		10.5	6	1.9	3.4	0	0	0	0		0	0	0	0	0	0	0	0	10.4	0.6	1.9	1.1	Cast Iron	Monitor
7/23/2013	None	40Z17-01	W 110th St	Abbott Ave S	North	Northwest	One Way Directional	Concrete	0		8	6	0.6	7.1	0	0	0	0		0	0	0	0	0	0	0	0	3.4	2.5	1.9	2.2	Cast Iron	Reconstruct
7/23/2013	None	40Z18-01	W 110th St	Abbott Ave S	North	Northeast	One Way Directional	Concrete	0		8	6	3.7	1	0	0	0	0		0	0	0	0	0	0	0	0	6.1	4.8	7	3.4	Cast Iron	Monitor
7/23/2013	None	40Z20-01	W 110th St	Zenith Ave S	North	Northwest	One Way Directional	Concrete	0		8	6	3.6	3.6	0	0	0	0		0	0	0	0	0	0	0	0	4	0.6	2.7	0	Cast Iron	Reconstruct
7/23/2013	None	40Z21-01	W 110th St	Zenith Ave S	North	Northeast	One Way Directional	Concrete	0		6	6	4.8	10	0	0	0	0		0	0	0	0	0	0	0	0	10.3	2.2	0.2	2.5	Cast Iron	Reconstruct
7/23/2013	None	40Z30-01	W 110th St	Washburn Ave S	North	Northwest	One Way Directional	Concrete	0		8	6	0.6	2.9	0	0	0	0		0	0	0	0	0	0	0	0	5.1	2.2	3.7	1.6	Cast Iron	None
7/23/2013	None	40Z31-01	W 110th St	Washburn Ave S	North	Northeast	One Way Directional	Concrete	0		8	6	1.8	7.5	0	0	0	0		0	0	0	0	0	0	0	0	3.9	0.9	1.7	1	Cast Iron	Reconstruct
7/24/2013	None	40A14-01	W Old Shakopee Rd	Beard Ave S	South	Southeast	Two Way Directional	Concrete	0		5	5	0	7	1.8	4	6	5		0	0	0	0	0	0	0	0	0	0	1.6	0	Tyned	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
7/24/2013	None	40A28-01	W 106th St	Xerxes Ave S	North	Northeast	Diagonal	Concrete	0		3	7	2.2	13.2	0	0	0	0		10	2.5	2.9	10	2.8	1.6	2	2	8.6	1.9	2	0.9	Cast Iron	Reconstruct
7/24/2013	None	40A28-02	W 106th St	Xerxes Ave S	South	Southeast	Parallel	Concrete	0		6	6	0.9	6.7	0	0	0	0		10	1.5	0.3	10	2.4	0.6	4	4	6	0.6	0.9	1.1	Cast Iron	Reconstruct
7/24/2013	None	40A30-01	W 106th St	Washburn Ave S	South	Southwest	One Way Directional	Concrete	0		9	7	9.3	8.1	0	0	0	0		0	0	0	0	0	0	0	0	4	4.5	0.9	5.2	None	Reconstruct
7/24/2013	None	40A31-01	W 106th St	Washburn Ave S	South	Southeast	One Way Directional	Concrete	0		8	6	3.4	4.5	0	0	0	0		0	0	0	0	0	0	0	0	4.3	1.3	3.4	3.6	None	Reconstruct
7/24/2013	None	40A33-01	W 106th St	Vincent Ave S	South	Southwest	One Way Directional	Concrete	0		8	5	3.5	9.4	1.9	3.5	4	5		0	0	0	0	0	0	0	0	6	2.4	1.1	3.8	None	Reconstruct
7/24/2013	None	40A34-01	W 106th St	Vincent Ave S	South	Southeast	One Way Directional	Concrete	0		8	2	4.8	6.9	0.1	0.1	5	4		0	0	0	0	0	0	0	0	5.3	0.8	2.8	2.3	None	Reconstruct
7/24/2013	None	40A37-01	W 106th St	Upton Ave S	South	Southwest	One Way Directional	Concrete	0		7	5	4.6	11.3	0	0	0	0		0	0	0	0	0	0	0	0	4.5	2.1	0.6	2.5	None	Reconstruct
7/24/2013	None	40A38-01	W 106th St	Upton Ave S	South	Southeast	One Way Directional	Concrete	0		10	5	0.3	6.5	4	0.2	6	5.5		0	0	0	0	0	0	0	0	7	1.6	1.6	1.5	None	Reconstruct
7/24/2013	None	40A40-01	W 106th St	Thomas Ave S	South	Southwest	One Way Directional	Concrete	0		10	5	3.4	3.7	0	0	0	0		0	0	0	0	0	0	4	0	5.6	2.4	5.6	2	Cast Iron	Monitor
7/24/2013	None	40A41-01	W 106th St	Thomas Ave S	South	Southeast	One Way Directional	Concrete	0		10	4.5	2.8	3.7	0	0	0	0		0	0	0	0	0	0	4.5	3.5	7	0.2	2.7	2.9	Cast Iron	Reconstruct
7/24/2013	None	40B13-01	W Old Shakopee Rd	Beard Ave S	South	Southwest	Diagonal	Concrete	0		3	7	3.5	9.4	0	0	0	0		10	2.8	5.4	10	3	7	0	0	0	0	2.5	0.1	Tyned	Reconstruct
7/24/2013	None	40B14-01	W Old Shakopee Rd	Beard Ave S	South	Southeast	Two Way Directional	Concrete	0		4	6	3.4	8.6	1.8	4	5	6		0	0	0	0	0	0	0	0	0	0	0.5	0.7	Tyned	Reconstruct
7/24/2013	None	40B27-01	Xerxes Ave S	W 106th St	West	Northwest	One Way Directional	Concrete	0		9	5	3.3	11.6	0	0	0	0		0	0	0	0	0	0	2	2	7.9	2.6	0.7	2.3	Cast Iron	Reconstruct
7/24/2013	None	40C27-01	Xerxes Ave S	W 106th St	West	Southwest	One Way Directional	Concrete	0		10	4.5	1.6	3.5	0	0	0	0		0	0	0	0	0	0	2	2	6.5	2.3	6	1.4	Cast Iron	Reconstruct
7/24/2013	None	40G01-01	France Ave S	W Old Shakopee Rd	East	Southeast	Parallel	Concrete	0		5.5	6	0.3	11.3	0.1	0.4	6	11		10	1.8	1.5	10	1.7	1.9	0	0	2.9	1	0.4	0.4	Colored Concrete	Reconstruct
7/24/2013	None	40Z27-01	W 110th St	Xerxes Ave S	North	Northwest	Diagonal	Concrete	0		6.5	7	2.9	7.9	0	0	0	0		10	2.6	4.7	10	3.7	1.8	0	0	4.2	2.7	0.4	4.5	Cast Iron	Reconstruct
7/24/2013	None	40Z28-01	W 110th St	Xerxes Ave S	North	Northeast	Diagonal	Concrete	0		5.5	9	2.7	7.5	0	0	0	0		10	1.5	6.8	10	3.8	1.1	0	0	7	3.4	6.7	0.2	Cast Iron	Reconstruct
7/25/2013	None	53A08-01	W 110th St	Stanley rd	South	Southwest	One Way Directional	Concrete	0		5	4	1.1	1.5	0	0	0	0		0	0	0	0	0	0	1.5	1.5	9.9	0.5	4.4	2	Cast Iron	None
7/25/2013	None	53A09-01	W 110th St	Stanley rd	South	Southeast	One Way Directional	Concrete	0		6	5	2.7	10.2	0.2	0.8	5	4		0	0	0	0	0	0	2	2	5.8	2.1	3.2	4.8	Cast Iron	Reconstruct
7/26/2013	None	52A16-01	W 110th St	Quinn Ave S	South	Southwest	One Way Directional	Concrete	0		6	4	3.5	4.4	0	0	0	0		10	2.2	3	0	0	0	0	0	8.4	0.2	2.5	3.5	Tyned	Reconstruct
7/26/2013	None	53A17-01	W 110th St	Quinn Ave S	South	Southeast	One Way Directional	Concrete	0		10	5	1.8	6.2	3.5	3.4	5	5		0	0	0	0	0	0	0	0	3.8	3	2.8	1.7	Tyned	Reconstruct
7/26/2013	None	53A33-01	W 110th St	Little Rd	South	Southwest	Two Way Directional	Concrete	0		6.5	5	0.6	11.6	0.3	1.4	9	5		0	0	0	0	0	0	0	2.5	4.7	2	3.8	1.9	None	Reconstruct
7/26/2013	None	53A33-02	W 110th St	Little Rd	South	Southwest	Two Way Directional	Concrete	0		6.5	5	0.8	7.8	1.2	0.8	5	9		0	0	0	10	0.2	0.5	3	2	6	0.9	5.1	0.4	Exposed Aggregate	Reconstruct
7/26/2013	None	53A34-01	W 110th St	Little Rd	South	Southeast	One Way Directional	Concrete	0		7	5	2.7	6.6	2.4	2.4	5	5		0	0	0	0	0	0	0	0	7.9	0	3	0.9	Tyned	Reconstruct
7/26/2013	None	53A39-01	W 110th St	Johnson Ave S	South	Southwest	One Way Directional	Concrete	0		9	5	3.1	7	4	1.6	5	5		0	0	0	0	0	0	0	0	4.2	1.4	0.9	3.8	Tyned	Reconstruct
7/26/2013	None	53A40-01	W 110th St	Johnson Ave S	South	Southeast	One Way Directional	Concrete	0		6.5	7	3.2	3.9	0	0	0	0		0	0	0	0	0	0	0	0	5.4	0.5	6.6	2	Tyned	Reconstruct
7/26/2013	None	53A42-01	W 110th St	Irwin Ave S	South	Southwest	One Way Directional	Concrete	0		9	6	0	4.3	0	0	0	0		0	0	0	0	0	0	0	0	1.9	1.6	2.3	2.9	Tyned	Reconstruct
7/26/2013	None	53A43-01	W 110th St	Irwin Ave S	South	Southeast	One Way Directional	Concrete	0		5	5	1.3	5	0	0	0	0		0	0	0	0	0	0	0	0	1.3	1.8	4.4	1.4	None	Reconstruct
7/26/2013	None	53A46-01	W 110th St	Harrison Ave S	South	Southwest	One Way Directional	Concrete	0		5	5	3.8	14.4	5.2	3.1	5	5		0	0	0	0	0	0	0	0	4	3.2	2.6	2.4	None	Reconstruct
7/26/2013	None	53A47-01	W 110th St	Harrison Ave S	South	Southeast	One Way Directional	Concrete	0		5	5.5	1.2	2.7	0	0	0	0		0	0	0	0	0	0	0	0	5	1.9	4.7	3.3	None	Reconstruct
7/26/2013	None	53A52-01	W 110th St	France Ave S	South	Southwest	Diagonal	Concrete	0		4	5.5	0.2	8	0	0	0	0		10	2.7	7.5	10	1.7	1.6	1.5	1.5	6.6	0.7	5.2	4.1	None	Reconstruct
7/26/2013	None	53M18-01	w 112st	Quinn Ave S	North	Northwest	One Way Directional	Concrete	0		10.5	4	3	8.5	2	3.5	4	4		0	0	0	0	0	0	0	0	3.8	0	7	2.2	Exposed Aggregate	Reconstruct
7/26/2013	None	53N19-01	W 112 th st	Quinn Ave S	South	Southeast	Perpendicular	Concrete	0		5.5	4	0.9	15	2.7	2.5	6	4		10	2	0.9	10	2.1	3.8	0	0	5.6	0.3	6.2	1.3	None	Reconstruct
7/26/2013	None	53N29-01	W 112 th st	Morris lane	South	Southwest	One Way Directional	Concrete	0		7.5	4	0.1	10.8	0.2	3.3	4.5	4		0	0	0	0	0	0	0	0	7.3	2.3	5.2	4.9	None	Reconstruct
8/2/2013	None	36H29-01	Little Rd	W 99th St	West	Northwest	One Way Directional	Concrete	0		5.5	4	3.6	6.4	2.7	0.6	5	4		0	0	0	0	0	0	0	0	8.5	4.2	1.5	5.1	None	Reconstruct
8/2/2013	None	36H30-01	Little Rd	W 99th St	East	Northeast	One Way Directional	Concrete	0		5.5	4	0.1	6.6	0.2	0.4	4.5	4		0	0	0	0	0	0	0	0	4.5	1.3	5.9	1.7	None	Reconstruct
8/2/2013	None	36I29-01	Little Rd	W 99th St	West	Southwest	Diagonal	Concrete	0		7	8.5	1.8	6.9	0	0	0	0		15	0.2	1.3	10	1.8	7.6	0	0	5.3	2.1	0.6	0.9	None	Reconstruct
8/2/2013	None	36I30-01	Little Rd	W 99th St	East	Southeast	Diagonal	Concrete	0		7.5	9	7.9	6	0	0	0	0		10	4.2	4.9	10	2.6	1.6	0	0	2.8	7.1	8.5	1.5	None	Reconstruct
8/2/2013	None	52M03-01	Overlook Dr	Utica Ave S	North	Northwest	One Way Directional	Concrete	0		5	5	4.3	2.6	0	0	0	0		0	0	0	0	0	0	0	0	4.7	1.2	2.6	0.3	Cast Iron	Reconstruct
8/2/2013	None	52N15-01	W 112 th st	Rich Rd	South	Southwest	One Way Directional	Concrete	0	Hydrant	4	5	1.3	5	0	0	0	0		0	0	0	0	0	0	0	0	4.7	1.2	4.2	2.1	None	Reconstruct
8/2/2013	None	52S52-01	France Ave S	W 113th St	West	Southwest	One Way Directional	Concrete	0		5.5	5	0.6	14.4	0	0	0	0		0	0	0	0	0	0	0	0	3.5	1.8	5.5	2.1	Tyned	Reconstruct
8/2/2013	None	53F52-01	France Ave S	W 111 th st	West	Northwest	One Way Directional	Concrete	0		8	4	3.7	9.1	4.4	4.1	4	4		0	0	0	0	0	0	0	0	9.3	1.7	1	2.4	Tyned	Reconstruct
8/2/2013	None	53G52-01	France Ave S	W 111 th st	West	Southwest	One Way Directional	Concrete	0		4	4	3	6.9	3.3	0.5	5	4		0	0	0	0	0	0	0	0	10.1	3	5.3	0.6	None	Reconstruct
8/2/2013	None	53M04-01	Overlook Dr	Utica Ave S	North	Northeast	One Way Directional	Concrete	0		7	5.5	3	2.3	0	0	0	0		0	0	0	0	0	0	0	0	6.4	0	1.6	0.8	Cast Iron	Reconstruct
8/2/2013	None	53N03-01	Overlook Dr	Utica Ave S	South	Southeast	One Way Directional	Concrete	0		7	5	1.8	2.5	0	0	0	0		0	0	0	0	0	0	0	0	2.6	1.6	1.6	0.4	Cast Iron	None
8/2/2013	None	53N03-01	Overlook Dr	Utica Ave S	South	Southwest	One Way Directional	Concrete	0		5	5	3.3	2.5	0	0	0	0		0	0	0	0	0	0	0	0	5.3	2.7	1.5	1.5	Cast Iron	Reconstruct
8/2/2013	None	53N12-01	Stanley Ave S	Stanley cir	West	Southwest	One Way Directional	Concrete	0		10	7	0.6	2	0	0	0	0		0	0	0	0	0	0	0	0	8.1	2.1	3.8	3.8	Cast Iron	Monitor
8/2/2013	None	53N13-01	Stanley Ave S	W 112th St	East	Southeast	One Way Directional	Concrete	0		8	5	2.1	6	0	0	0	0		0	0	0	10	2.5	2.9	0	0	9	0.7	3	1.8	Cast Iron	Reconstruct
8/2/2013	None	53N16-01	W 112 th st	Rich rd	South	Southeast	One Way Directional	Concrete	0		5.5	4	2.1	7.8	2.1	5.5	4	4		0	0	0	10	1.7	1.6	0	0	5.1	0.7	2.2	2.3	Cast Iron	Reconstruct
8/2/2013	None	53O16-01	Terrace wood dr	Rich rd	North	Northeast	One Way Directional	Concrete	0		6	5	4	10.8	5.9	4	5	5		0	0	0	10	0.8	2	0	0	7.8	0.6	3.4	0.5	Exposed Aggregate	Reconstruct
8/2/2013	None	53R52-01	France Ave S	W 113th St	West	Northwest	One Way Directional	Concrete	0		7	5	7.5	0.4	0	0	0	0		0	0	0	0	0	0	0	0	8.4	8.2	9.4	4.4	Tyned	Reconstruct
8/2/2013	None	53T04-01	w 113 th st	Utica Ave S	North	Northeast	One Way Directional	Concrete	0		16	5	1.3	3.5	0	0	0	0		0	0	0	0	0	0	0	0	7.2	0.4	2.7	2.5	Cast Iron	Monitor
8/2/2013	None	53T05-01	W 113 th st	W 113th st cir	North	Northwest	One Way Directional	Concrete	0		14	5	2.1	9.3	1.7	4.1	5	5		0	0	0	0	0	0	0	0	3.4	4.2	1	3.2	Cast Iron	Reconstruct
8/2/2013	None	53T06-01	W 113 th st	W 113th st cir	North	Northeast	One Way Directional	Concrete	0		13.5	5	1.9	2.1	0	0	0	0		0	0	0	0	0	0	0	0	2.3	3.5	6	0.9	Cast Iron	Monitor
8/2/2013	None	53T10-01	Overlook Dr	W 113th St	West	Northwest	Diagonal	Concrete	0		5	7	2.2	6.1	0	0	0	0		10	1.9	5.3	10	0.7	4.5	0	0	12.4	1.7	0.3	1.2	Cast Iron	Reconstruct
8/2/2013	None	53T11-01	Overlook Dr	Stanley Ave S	East	Northeast	Two Way Directional	Concrete	0		8.5	8	0.2	3.1	1.4	4.1	5	5		10	2.7	2.7	0	0	0	0	2.5	7.1	0.2	3.5	2.3	Cast Iron	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
8/2/2013	None	53T11-02	Overlook Dr	Stanley Ave S	East	Northeast	Two Way Directional	Concrete	0		5	5	1.2	5.2	4.1	1.4	5	5		0	0	0	10	1.2	0.2	2.5	0	5.4	0.4	1.4	0.6	Cast Iron	Reconstruct
8/2/2013	None	53U11-01	Overlook Dr	Stanley rd	East	Southeast	Depressed Corner	Concrete	0		8.5	14.5	0	2.1	0	0	0	0		10	0.9	1	10	0.8	0.2	0	0	6.6	0.4	1.8	0.8	Cast Iron	Monitor
8/2/2013	None	53W14-01	Overlook Dr	Rich rd	North	Northwest	One Way Directional	Concrete	0		6	6	2	4.3	0	0	0	0		0	0	0	0	0	0	0	0	9.2	1.3	2.2	3	Cast Iron	Monitor
8/2/2013	None	53W15-01	Overlook Dr	Rich rd	North	Northeast	One Way Directional	Concrete	0		26	5.5	1.4	10.5	0	0	0	0		0	0	0	0	0	0	0	0	2.9	1.5	8.8	2.5	Cast Iron	Reconstruct
8/2/2013	None	53X17-01	Overlook Dr	W 114th St	North	Northwest	One Way Directional	Concrete	0		6	5.5	2.6	3.4	0	0	0	0		0	0	0	0	0	0	0	0	3.5	1.4	7	2.2	Cast Iron	None
8/2/2013	None	53X18-01	Overlook Dr	W 114th St	North	Northwest	One Way Directional	Concrete	0		5.5	5.5	0.7	13.9	0	0	0	0		0	0	0	0	0	0	0	0	0.5	3.2	2.6	1.1	Cast Iron	Reconstruct
8/5/2013	None	36E41-01	Pebble brook dr	Pebble brook circle	West	Northwest	One Way Directional	Concrete	0		8	9	0.1	0.6	0	0	0	0		0	0	0	0	0	0	0	0	7.5	1.1	0.4	0.5	Colored Concrete	Monitor
8/5/2013	None	36F42-01	Pebble brook dr	Pebble brook circle	West	Southwest	One Way Directional	Concrete	0		5	5.5	1.2	1.5	0	0	0	0		0	0	0	0	0	0	2	0	7	1.7	3.2	1.2	Colored Concrete	Reconstruct
8/5/2013	None	36G46-01	Pebble brook dr	Harrison Rd	North	Northeast	One Way Directional	Concrete	0		4.5	6.5	2.4	7.4	0.8	2	4.5	5.5		0	0	0	0	0	0	2	3	9.9	4.1	1.7	1.3	None	Reconstruct
8/5/2013	None	36G50-01	France Ave S	Pebble brook	West	Northwest	One Way Directional	Concrete	0		4	4	1	7.2	0.2	2.6	4	4		0	0	0	0	0	0	0	0	0	0.2	3.5	0.3	None	Reconstruct
8/5/2013	None	36G50-02	France Ave S	Pebble brook	West	Northwest	One Way Directional	Concrete	0		6.5	5	1.5	0.1	0	0	0	0		0	0	0	0	0	0	0	0	0.5	1	2.9	1.4	None	Reconstruct
8/5/2013	None	36H11-01	Rich Rd	W 99th St	East	Northeast	One Way Directional	Concrete	0		6	5	8.7	10	0	0	0	0		0	0	0	0	0	0	0	0	6.8	1.1	2	0.1	Tyned	Reconstruct
8/5/2013	None	36H29-01	Little Rd	W 99th St	West	Northwest	One Way Directional	Concrete	0		10	5	4.9	3.6	1	0.6	5	4		0	0	0	0	0	0	0	0	6.1	1.1	1.4	0.9	Tyned	Reconstruct
8/5/2013	None	36H30-01	Little Rd	W 99th St	East	Northeast	One Way Directional	Concrete	0		9	5	2.5	10.8	0	0	0	0		0	0	0	0	0	0	0	0	8.4	7.4	0.6	6.8	Tyned	Reconstruct
8/5/2013	None	36H50-01	France Ave S	Pebble brook dr	West	Southwest	One Way Directional	Concrete	0		6	5	4.7	8.3	3.6	6.8	5	5		0	0	0	10	2.6	3	0	0	4.8	2.1	1.1	2.3	None	Reconstruct
8/5/2013	None	36H50-02	France Ave S	Pebble brook	West	Southwest	One Way Directional	Asphalt	0		20	10	2	7.7	0	0	0	0		0	0	0	0	0	0	0	0	1.3	4.8	2.8	3.9	None	Reconstruct
8/5/2013	None	36I11-01	Rich Rd	W 99th St	East	Southeast	One Way Directional	Concrete	0		6.5	5	5.1	5.3	3.9	0.1	5	4		0	0	0	0	0	0	0	0	7.5	1.3	2.8	1.1	Tyned	Reconstruct
8/5/2013	None	36I29-01	Little Rd	W 99th St	West	Southwest	One Way Directional	Concrete	0		8.5	5	5.5	2.2	0	0	0	0		0	0	0	0	0	0	0	0	4.7	4.7	4.6	1.3	Tyned	Reconstruct
8/5/2013	None	36I30-01	Little Rd	W 99th St	East	Southeast	One Way Directional	Concrete	0		7.5	5	1.6	7.3	0	0	0	0		0	0	0	0	0	0	0	0	4.8	4.6	2.5	6.8	Tyned	Reconstruct
8/5/2013	None	36J50-01	France Ave S	W 100th St	West	Northwest	One Way Directional	Concrete	0		10	4	2	7	0	0	0	0		0	0	0	0	0	0	0	0	8	1	6.3	0.3	None	Reconstruct
8/5/2013	None	36J50-02	France Ave S	W 100th St	West	Northwest	One Way Directional	Asphalt	0		20	10	0.3	4.9	0	0	0	0		0	0	0	0	0	0	0	0	0	0	4.6	0.9	None	Reconstruct
8/5/2013	None	36K50-01	France Ave S	W 100th St	West	Southwest	One Way Directional	Asphalt	0		20	10	1	11.5	0	0	0	0		0	0	0	0	0	0	0	0	0	0	3.4	2.7	None	Reconstruct
8/5/2013	None	36K50-01	France Ave S	W 100th St	West	Southwest	One Way Directional	Concrete	0		7	4	3.3	12	0	0	0	0		0	0	0	0	0	0	0	0	7.4	2.6	0.5	0.8	None	Reconstruct
8/5/2013	None	36L07-01	Normandale highlands dr	Rich rd	North	Northwest	Perpendicular	Concrete	0		6	6	0.3	15.5	6	14	6	6		10	3	6.4	10	3.9	2.7	0	0	1.3	0.6	4	3	None	Reconstruct
8/5/2013	None	36L29-01	Little Rd	Little circle	West	Northwest	One Way Directional	Concrete	0		14	5	3	5.5	1.6	2	6	4		0	0	0	0	0	0	0	0	4	0.5	0.5	2.3	Tyned	Reconstruct
8/5/2013	None	36M07-01	Normandale highlands dr	Rich rd	East	Southeast	Diagonal	Concrete	0		5	7	0.5	8	3	1.2	2	2		10	3.8	4.8	10	0.3	3.4	2	2	4.4	2.3	4	2.4	Tyned	Reconstruct
8/5/2013	None	36M29-01	Little Rd	Little circle	West	Southwest	One Way Directional	Concrete	0		7	5	4.5	5	0.9	2	5	4		0	0	0	0	0	0	0	0	0.5	1.6	2.4	0.9	Tyned	Reconstruct
8/5/2013	None	36O07-01	Normandale highlands dr	Oxborough Rd	North	Northwest	One Way Directional	Concrete	0		9.5	4	1	7	2	2	5	4		0	0	0	0	0	0	3	3	7.9	0.2	2	1.3	Tyned	Reconstruct
8/5/2013	None	36O08-01	Normandale highlands dr	Oxborough Rd	North	Northeast	One Way Directional	Concrete	0		22	5	1.9	10.1	1	1	5	4		0	0	0	0	0	0	0	0	5.5	2.8	1.1	2	Tyned	Reconstruct
8/5/2013	None	36P33-01	Little Rd	Kell Ave S	East	Northeast	One Way Directional	Concrete	0		4.6	5	6	14.5	0	0	0	0		0	0	0	0	0	0	0	0	12.1	2.8	2.7	1.8	Tyned	Reconstruct
8/5/2013	None	36P34-01	Little Rd	Kell Ave S	East	Southeast	One Way Directional	Concrete	0		4.5	5	6	3.5	0	0	0	0		0	0	0	0	0	0	0	0	7	4.7	7.1	2.7	Tyned	Reconstruct
8/5/2013	None	36R12-01	Normandale highlands dr	Nord rd	East	Northeast	One Way Directional	Concrete	0		7.5	5	4.9	4.4	1	4.9	6	4		0	0	0	0	0	0	0	0	6.3	2.5	2.8	1.9	Tyned	Reconstruct
8/5/2013	None	36R13-01	Normandale highlands dr	Nord rd	North	Northeast	One Way Directional	Concrete	0		10	5	3.2	7.4	2.8	1.8	5	4		0	0	0	0	0	0	0	0	2.1	1.3	1.5	1.2	Tyned	Reconstruct
8/5/2013	None	36U24-01	Normandale highlands dr	Nord aver	North	Northeast	Perpendicular	Concrete	0		6.5	5	4.2	9	4.3	4.1	4	4		10	2	1.9	10	4.4	0.8	2	2	11.4	0.3	0.8	0	Cast Iron	Reconstruct
8/5/2013	None	36U34-01	Little Rd	Normandale highlands dr	West	Northwest	One Way Directional	Concrete	0		7	5	1.7	4.7	0	1	5	4		0	0	0	0	0	0	0	0	6.6	0.5	0.4	0.7	Tyned	Reconstruct
8/5/2013	None	36V23-01	Normandale highlands dr	Nord aver	South	Southwest	Diagonal	Concrete	0		6.5	6	1.4	10.7	0	0	0	0		10	4.1	1.7	10	1.6	3.7	3	3	9.8	2.1	3.2	2.7	Tyned	Reconstruct
8/5/2013	None	36V24-01	Normandale highlands dr	Nord aver	South	Southeast	One Way Directional	Concrete	0		7	5	5.6	7.6	3.2	0.6	4	4		0	0	0	0	0	0	0	0	6.1	1.8	3.1	0.7	None	Reconstruct
8/5/2013	None	36V34-01	Little Rd	Normandale highlands dr	West	Southwest	One Way Directional	Concrete	0		8.5	5	1.7	4.8	0.8	1.7	5	4		0	0	0	0	0	0	0	0	7.7	0.9	0.1	1.3	Tyned	Reconstruct
8/5/2013	None	37U01-01	Normandale Blvd	Heritage hills dr	East	Northeast	One Way Directional	Concrete	0		6	5	1.9	4.5	0	0	0	0		0	0	0	0	0	0	0	0	5.2	3.9	0.3	3.7	None	Reconstruct
8/5/2013	None	37U05-01	Heritage hills dr	W 105th St	North	Northeast	One Way Directional	Concrete	0		7	4	2.3	1.8	0	0	0	0		0	0	0	0	0	0	0	0	7.8	3.5	5	1.8	None	Reconstruct
8/5/2013	None	37V01-01	Normandale Blvd	Heritage hills dr	East	Southeast	One Way Directional	Asphalt	0		6	5	5.1	2	0	0	0	0		10	2	10.6	0	0	0	0	0	5.9	5.1	1.2	4.2	None	Reconstruct
8/5/2013	None	37Y06-01	Heritage hills dr	W 106th St	West	Northwest	One Way Directional	Concrete	0		6	4	2	8.2	0.1	2.6	5	4		0	0	0	0	0	0	0	0	3.5	0	3.7	2.8	Tyned	Reconstruct
8/5/2013	None	37Y07-01	Heritage hills dr	W 106th St	East	Northeast	One Way Directional	Concrete	0		4.5	4	0.2	17.1	0.7	8.7	5	4		0	0	0	0	0	0	0	0	4.4	7.5	3.1	5	Tyned	Reconstruct
8/5/2013	None	37Z06-01	Heritage hills dr	W 106th St	West	Southwest	One Way Directional	Concrete	0		8	6	11.3	3.1	0	0	0	0		0	0	0	0	0	0	0	0	7.6	11	12.1	2.8	Tyned	Reconstruct
8/5/2013	None	37Z07-01	Heritage hills dr	W 106th St	East	Southeast	One Way Directional	Concrete	0		6.5	4	3.6	3.9	0	0	0	0		0	0	0	0	0	0	0	0	7.5	8.4	9.2	1.7	Tyned	Reconstruct
8/8/2013	None	37H06-01	Scarborough rd	Scarborough cir	West	Northwest	One Way Directional	Concrete	0		5	5	5.8	6.7	2.6	0.4	5	5		0	0	0	0	0	0	0	0	6.1	2.8	6.1	3.3	None	Reconstruct
8/8/2013	None	37I06-01	Scarborough rd	Scarborough cir	West	Southwest	One Way Directional	Concrete	0		5	5	1.8	3	0	0	0	0		0	0	0	0	0	0	0	0	4.1	0.5	3.8	0.4	None	Reconstruct
8/8/2013	None	37M05-01	Scarborough aver s	Toledo aver s	South	Southeast	One Way Directional	Concrete	0		4	7.5	1.3	3	0	0	0	0		0	0	0	0	0	0	0	0	3.7	1.7	3.5	1.8	Exposed Aggregate	Reconstruct
8/8/2013	None	37S18-01	Rich Rd	W 106th St	North	Northwest	Perpendicular	Concrete	0		7	3.5	11.1	0.6	3	2.7	4	4		10	3.4	1.5	10	2.7	3.8	0	0	6.8	3.5	0.9	3.3	None	Reconstruct
8/9/2013	None	37D18-01	Rich Rd	Rich cir	East	Northeast	One Way Directional	Concrete	0		4	4	2.8	4.9	0	0	0	0		0	0	0	0	0	0	0	0	0.5	1.9	1.1	0.8	None	Reconstruct
8/9/2013	None	37E18-01	Rich Rd	Rich cir	East	Southeast	One Way Directional	Concrete	0		4	4	1.6	1.7	0	0	0	0		0	0	0	0	0	0	0	0	0.7	9.1	0.9	0.3	None	Reconstruct
8/9/2013	None	37N01-01	Normandale Blvd	Scarborough aver	East	Northeast	One Way Directional	Asphalt	0		10	4	2.6	2.5	0	0	0	0		0	0	0	10	2.9	4.8	0	0	4.1	2.4	3.8	1.4	None	Reconstruct
8/9/2013	None	37N01-01	Normandale Blvd	Scarborough aver	East	Southeast	One Way Directional	Asphalt	0		10	4	1.9	3.5	0	0	0	0		0	0	0	0	0	0	0	0	6	1.5	1	0.2	None	Reconstruct
8/9/2013	None	37R26-01	Heritage hills dr	Morris rd	West	Northwest	One Way Directional	Concrete	0		12	4	7.4	7.6	2	0.7	4	4		0	0	0	0	0	0	0	0	6.7	3.7	2.6	1.2	Tyned	Reconstruct
8/9/2013	None	37S26-01	Heritage hills dr	Morris rd	West	Southwest	One Way Directional	Concrete	0		4	4	2	1.6	0	0	0	0		0	0	0	0	0	0	0	0	6.8	1.2	1.3	0.4	Tyned	Reconstruct
8/9/2013	None	37S27-01	Heritage hill s dr	Morris rd	East	Northeast	One Way Directional	Concrete	0		7	4	3.3	3.3	0	0	0	0		0	0	0	0	0	0	0	0	10.8	0.2	3.9	0.6	Tyned	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
8/9/2013	None	37T27-01	Heritage hills	Morris rd	East	Southeast	One Way Directional	Concrete	0		4	4	5	5	0	0	0	0		0	0	0	0	0	0	0	0	10.6	0.8	1.7	0.2	None	Reconstruct
8/9/2013	None	37W27-01	Heritage hills rd	Heritage hills cir	East	Northeast	One Way Directional	Concrete	0		4	5	4	0.7	0	0	0	0		0	0	0	0	0	0	0	0	0.7	3.2	1.8	4.2	Tyned	Reconstruct
8/9/2013	None	37X26-01	Heritage hills dr	Heritage hills cir	East	Southeast	One Way Directional	Concrete	0		4	4	3.6	2.6	0	0	0	0		0	0	0	0	0	0	0	0	1.5	2.6	1.3	3.2	Tyned	Reconstruct
8/14/2013	None	37N19-01	Morris Cir	Morris rd	East	Northeast	Depressed Corner	Concrete	0		4.5	7	5.5	6.3	0	0	0	0		10	2.4	2.2	10	2.6	7.2	0	2	7	5.1	1.1	5.2	Tyned	Reconstruct
8/14/2013	None	37N31-01	Heritage hills dr		North		Perpendicular	Concrete	0		6.5	5	2.7	7.4	2.4	1.8	4	5		10	2.8	2.1	10	2.5	2.3	0	0	8.5	3.6	2.2	2.5	Tyned	Reconstruct
8/14/2013	None	37N36-01	Heritage hills	Johnson Ave S	North	Northwest	Two Way Directional	Concrete	0		6.5	4.5	3.2	7.8	0.5	3.7	4	4		10	3.2	1.8	0	0	0	3	0	3	0.4	1.2	1	Tyned	Reconstruct
8/14/2013	None	37N37-01	Heritage hills dr	Johnson Ave S	North	Northwest	Two Way Directional	Concrete	0		7	5	5.3	6.8	3.6	1.6	4	4		0	0	0	10	1.5	2.2	3	0	10.6	3.1	3	0.1	Tyned	Reconstruct
8/14/2013	None	37N38-02	Heritage hills dr	Johnson Ave S	North	Northeast	Perpendicular	Concrete	0		6.5	5	1	10.5	2.2	1.9	4	5		10	3	3.6	10	2.7	1.4	0	0	3.3	3.8	1.6	3.7	Tyned	Reconstruct
8/14/2013	None	37O19-01	Morris Cir	Morris circle	West	West	Perpendicular	Concrete	0		8.5	5	1.4	8.8	3.5	0.5	4	4		10	1.2	6.1	10	1.8	0.5	0	0	3.9	3.9	4.3	1.3	Tyned	Reconstruct
8/14/2013	None	37O29-01	Heritage hills dr	Heritage hills cir	South	Southeast	One Way Directional	Concrete	0		7	4	2.5	3.7	0	0	0	0		0	0	0	0	0	0	0	0	4.2	0.6	4.3	0	Tyned	Reconstruct
8/14/2013	None	37O30-01	Heritage hills cir	Heritage hills dr	East	Northeast	One Way Directional	Concrete	0		4	4	4.2	11.6	0	0	0	0		0	0	0	0	0	0	0	0	6.2	3.4	0.8	3.2	Tyned	Reconstruct
8/14/2013	None	37O37-01	Heritage hills dr	Johnson Ave S	South	Southwest	One Way Directional	Concrete	0		4	4	0.5	12.4	0	0	0	0		0	0	0	0	0	0	0	0	5.6	7.8	0.6	9.9	Tyned	Reconstruct
8/14/2013	None	37O38-01	Heritage hills dr	Johnson Ave S	South	Southeast	Two Way Directional	Concrete	0		7	4.5	1.5	8.9	0.7	4.7	5	5		10	3	6.6	0	0	0	3	0	5	2.9	2	4.6	Tyned	Reconstruct
8/14/2013	None	37O38-02	Heritage hills dr	Johnson Ave S	South	Southeast	Two Way Directional	Concrete	0		7	6	4.1	4.8	4.2	0.5	5	5		10	1.1	1.4	0	0	0	0	3	8.3	1.9	3.4	0.5	Tyned	Reconstruct
8/14/2013	None	37P27-01	Heritage hills dr	Little Rd			One Way Directional	Concrete	0		5	4	6.5	0.9	0	0	0	0		0	0	0	0	0	0	0	0	8	3.1	2.3	2.4	Tyned	Reconstruct
8/14/2013	None	37P28-01	Heritage hills dr	Little Rd	West	Northwest	One Way Directional	Concrete	0		8	5	4.3	3.5	0	0	0	0		0	0	0	0	0	0	0	0	5.2	1	1.1	1.2	Cast Iron	Reconstruct
8/14/2013	None	37T35-01	Johnson Ave S	Kell Ave S	North	Northeast	Diagonal	Concrete	0		5	5	0.3	2.8	0.2	0.9	4	4		10	0.9	1.4	10	2.9	1	4	0	5.1	2	7.1	2.2	Tyned	Reconstruct
8/20/2013	None	37D38-01	Johnson Ave S	Johnson cir	East	Northeast	One Way Directional	Concrete	0		8	4	6.5	0.9	0	0	0	0		0	0	0	0	0	0	0	0	12.2	3.2	2.2	0.8	None	Reconstruct
8/20/2013	None	37E38-01	Johnson Ave S	Johnson cir	East	Southeast	One Way Directional	Concrete	0		4.5	4	2.9	2.9	0	0	0	0		0	0	0	0	0	0	0	0	3.4	0.1	3	0.3	None	Reconstruct
8/20/2013	None	37Q49-01	France Ave S	Heritage hills dr	West	Northwest	One Way Directional	Concrete	0		12	4	1.1	10.3	0.1	4.1	4	4		10	2.4	0.4	10	4.7	5.6	0	0	5.2	3.4	0.3	1.8	None	Reconstruct
8/20/2013	None	37Q49-02	France Ave S	Heritage hills dr	West	Northwest	One Way Directional	Concrete	0		10	8	0.5	5.1	0	0	0	0		10	4.5	1.6	0	0	0	0	0	0	0	3.3	0.7	None	Reconstruct
8/20/2013	None	37R49-01	France Ave S	Heritage hills dr	West	Southwest	One Way Directional	Concrete	0		13	4	1.9	5.7	0.6	0.9	5.5	4		0	0	0	10	0.1	5.3	0	0	7	1	2.6	1.2	None	Reconstruct
8/20/2013	None	37R49-02	France Ave S	Heritage hills dr	West	Southwest	One Way Directional	Concrete	0		10	8	3	4	0	0	0	0		0	0	0	0	0	0	0	0	0	0	2.5	3.2	Tyned	Reconstruct
8/20/2013	None	37W36-01	Kell aver		East	Northeast	One Way Directional	Concrete	0		13	4	3.9	6.4	0	0	0	0		0	0	0	0	0	0	0	0	8.1	3.4	4.3	2.2	None	Construct
8/20/2013	None	37X35-01	Kell aver		East	Southeast	One Way Directional	Concrete	0		10	4	5.1	6.3	0	0	0	0		0	0	0	0	0	0	0	0	2.1	7	7.1	6.9	None	Construct
8/21/2013	None	38J36-01	W Old Shakopee Rd	Kell Ave S	North	Northwest	One Way Directional	Concrete	0		8.5	4	6.3	4.1	0	0	0	0		0	0	0	0	0	0	0	0	0	0	2.2	1.8	Tyned	Reconstruct
8/21/2013	None	38J36-01	W Old Shakopee Rd	Kell Ave S	North	Northeast	Diagonal	Concrete	0		6	6	5.1	6.7	0	0	0	0		10	2.6	4.6	10	1.9	2.9	0	0	0	0	3.6	1.4	None	Reconstruct
8/22/2013	None	38Z42-01	W 110th St	Irwin Ave S	North	West	One Way Directional	Concrete	2	Street Sign	9	5	3.5	5	0	0	0	0		0	0	0	0	0	0	0	0	2.7	0.8	3.5	1.4	None	Reconstruct
8/22/2013	None	38Z43-01	W 110th St	Irwin Ave S	North	Northeast	One Way Directional	Concrete	0		9	5	8.1	5.8	0	0	0	0		0	0	0	0	0	0	0	0	7.6	3.8	3	1.4	None	Reconstruct
8/22/2013	None	38Z45-01	W 110th St	Harrison Ave S	North	Northwest	One Way Directional	Concrete	2	Street Sign	22	5	8.9	7.3	4.9	1	5.5	5		0	0	0	0	0	0	0	0	4.5	1.3	1.7	1	None	Reconstruct
8/22/2013	None	38Z46-01	W 110th St	Harrison Ave S	North	Northeast	One Way Directional	Concrete	0		9	5	5	4.7	0	0	0	0		0	0	0	0	0	0	0	0	8	3.3	3.8	2	None	Reconstruct
8/22/2013	None	38Z48-01	W 110th St	Goodrich aver	North	Northwest	One Way Directional	Concrete	0		14.5	4.5	0.3	6	1.2	2.8	5	4.5		0	0	0	0	0	0	0	0	7	0.1	2.8	1.5	None	Reconstruct
8/22/2013	None	38Z49-01	W 110th St	Goodrich aver	North	Northeast	One Way Directional	Concrete	0		6	4	2	7.3	0.2	2.4	5	4		0	0	0	0	0	0	0	0	3.6	0.9	2.9	0.8	Tyned	Reconstruct
6/11/2014	None	15X35-01	Vincent Cir	Vincent Pl	West	Northwest	One Way Directional	Concrete	0		5	4	0.1	2.3	0.3	0.3	4.5	4.5	5	0	0	0	0	0	0	0	0	0.1	4.3	0.3	4.2	Tyned	Reconstruct
6/11/2014	None	15x36-01	Vincent Cir	Vincent Pl	East	Northeast	Diagonal	Concrete	4.5	Street Sign	5.5	5	0.8	12.6	2	9.5	4.8	5	5.5	0	8.4	0.1	0	4	9.4	0	0	1.9	3	4.4	1	Tyned	Reconstruct
6/12/2014	None	15S29-01	Xerxes Circle	Xerxes Ave S	North	Northeast	Perpendicular	Concrete	5	Street Sign	6	4.5	0.2	5.3	1.1	5.9	5.5	4.5	6	0	0	0	0	0	0	0	0	3.2	2.9	1.5	2.5	None	Reconstruct
6/12/2014	None	15S29-02	Xerxes Circle	Xerxes Ave S	South	Southeast	Perpendicular	Concrete	6	Street Sign	5.5	4.5	0.3	0	0.7	2.5	6	4.5	5.5	0	0	0	0	0	0	0	0	0.3	3.2	0.1	1	None	Reconstruct
6/12/2014	None	15T34-01	Vincent Cir	Vincent Pl	North	North	Tiered Perpendicular	Concrete	0		5.5	5	1.9	11.7	1.4	8.2	10	5	5.5	0	0	0	0	4.3	1.2	0	0	1.4	3.3	1.4	1.3	None	
6/12/2014	None	15T37-01	Vincent Pl	Vincent Cir	West	West	Parallel	Concrete	0		5.5	4.5	1.9	1.5	1.9	1.2	6.8	4.3	5.5	0	0	0	0	0	0	0	0	0.2	3.1	1	3.2	Tyned	Reconstruct
6/12/2014	None	15W29	Xerxes Circle	Xerxes Ave S	South	Southwest	Perpendicular	Concrete	5	Street Sign	5	4.5	6.8	3	4.8	2.8	6	5		0	0	0	0	0	0	0	0	7.9	5.5	6.4	4	None	Reconstruct
6/12/2014	None	15W29-01	Xerxes Circle	Xerxes Ave S	North	Northwest	Perpendicular	Concrete	0		6	4.5	1.9	12.6	3	10.8	5.5	4.5	5.5	0	0	0	0	0	0	0	0	6.6	1.7	2.2	1.7	None	Reconstruct
6/12/2014	None	15Z29-01	Xerxes Ave S	W 90th St	West	Northwest	Diagonal	Concrete	3	Street Sign	9	5	1.5	8.2	1.49	4.6	4.5	5	9	0	0.7	4.3	0	4	0.2	3	2.5	1.3	0.1	3.4	0.2	Cast Iron	None
6/12/2014	None	15Z30-01	Xerxes Ave S	W 90th St	East	Northeast	Diagonal	Concrete	5	Power pole	9	5	3	3.2	2	1	5.5	5.5			0.7	4.6	0	3.2	0.2	3	3	2.5	3.6	2	3.1	Cast Iron	None
6/12/2014	None	15Z33-01	Vincent Pl	W 90th St	West	Northwest	Parallel	Concrete	3	Street Sign	7.5	4	1.1	7.3	1.3	2.8	5	5.5	7.5	0	3.7	1.8	0	2.3	0.3	3	3	2.1	2.3	0.2	1.1	Cast Iron	
6/12/2014	None	15Z34-01	Vincent Pl	W 90th St	East	Northeast	Perpendicular	Concrete	6	Street Sign	9	5	0.7	9.3	0.5	8.9	5	5		0	0	0	0	0	0	3	3	0.4	1.4	1.3	2.4	Cast Iron	None
6/13/2014	None	15a39-01	Thomas aver s	W 86th St	West	Southwest	Diagonal	Concrete	8	Hydrant	4.5	5	0.8	4.2	0.6	1.5	3	5.5		0	0	0	0	0	0	0	0	3.7	2.5	3.7	3.2	None	Reconstruct
6/13/2014	None	15h26-01	Xerxes Ave S	W 87th 1/2 St	West	Northwest	Diagonal	Concrete	0		3	2.7	0.3	6.1	1.4	7.6	2	2.5	3	0	4.3	5.3	0	0.8	4.9	3	3	0.1	0.7	1	0.8	Tyned	Reconstruct
6/13/2014	None	15I26-01	Xerxes Ave S	W 87th 1/2 St	West	Southwest	Perpendicular	Concrete	5	Street Sign	5	5	5.5	5.4	3	2.5	3.2	4.5	4	0	0	0	0	0	0	0	0	5.5	3.4	2.2	1.4	None	Reconstruct
6/13/2014	None	15j	Xerxes Ave S	W 87th 1/2 St	East	Northeast	Perpendicular	Concrete	1	Street Sign	6.5	3.8	1.5	7.9	1	2.2	5	3.8		0	0	0	0	0	0	0	0	5.9	4.3	3.4	3.3	Tyned	Reconstruct
6/13/2014	None	15j-26-01	w 87.5th st	Xerxes Ave S	South	Southeast	Diagonal	Concrete	0		4.5	7	2.8	12.6	0	0	0	0		8	6	2.5	0	6.6	1.1	0	0	0.8	9.9	1.9	7.6	Tyned	Reconstruct
6/13/2014	None	15m26-01	W 88th St	Xerxes Ave S	North	Northwest	Parallel	Concrete	0		5	9	2.1	11.1	0	0	0	0		0	0	0	0	4.4	1.2	0	0	1.6	3.6	0.8	2.2	None	Reconstruct
6/13/2014	None	15m26-02	Xerxes Ave S	W 88th St	West	Northwest	Parallel	Concrete	1.5	Street Sign	5	8	1.8	10.5	0	0	0	0		17	5.3	0.9		5	2.9	0	0	0.5	3.8	0.3	3.3	None	Reconstruct
6/13/2014	None	15m27	Xerxes Ave S	W 88th St	East	Northeast	Parallel	Concrete	4.5	Street Sign	5.5	10	4.7	8	0	0	0	0		0	1.9	3.2	17	2.8	4.9	0	0	5.2	9.5	3.4	7.5	None	Reconstruct
6/13/2014	None	15n26-01	W 88th St	Xerxes cir	South	Southwest	Diagonal	Concrete	7.5	Power pole	7	8	2.2	12.5	0	0	0	0			5	0.9	8	11.5	1	0	0	3.1	1.4	0.7	2.3	None	Reconstruct
6/13/2014	None	15n27-02	Xerxes Ave S	W 88th St	East	Southeast	Parallel	Concrete	0		5.5	8	1.7	10	0	0	0	0			4.2	0.6	0	2.4	2.1	0	0	2.3	4.9	2.2	4.5	None	Reconstruct
6/13/2014	None	15s28-01	Xerxes Circle	Xerxes Ave S	South	Southwest	Perpendicular	Concrete	5	Street Sign	5	5	3.5	4.1	1.2	3.2	5	5	5	0	0	0	0	0	0	0	0	2	2.6	3.4	2.1	None	Reconstruct

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
6/13/2014	None	15s28-02	Xerxes Circle	Xerxes Ave S	North	Northwest	Perpendicular	Concrete	7	Street Sign	5.5	4.5	2.4	1.5	1.5	7.8	6	4.5	5.5	0	0	0	0	0	0	0	0	1.6	0.4	0.1	1.6	None	Reconstruct
6/13/2014	None	A39-02	W 86th St	Thomas Ave S	South	Southwest	Diagonal	Concrete	0		5	5	1.6	7	1.1	7	4.5	4.5	4	0	0	0	0	0	0	0	0	1.7	7.1	3.2	4.5	None	Reconstruct
6/17/2014	None	15A26-01	Xerxes Ave S	W 86th St	East	Northeast	Diagonal	Concrete	4		6	10	8.1	10.5	4.6	2.8	5	5		0	4	3.5	0	0	0	0	0	5.4	5	5.2	4.9	None	Reconstruct
6/17/2014	None	15A26-02	Xerxes Ave S	W 86th St	East	Southeast	Diagonal	Concrete	4	Street Sign	6	10	1.2	6.2	2.9	1.9	4	5		0	2.3	0.5	0	0.7	10.5	7	7	5.9	6.2	6	5	None	Reconstruct
6/17/2014	None	15A26-03	Xerxes Ave S	W 86th St	West	Southwest	Perpendicular	Concrete	2	Power pole	5.5	4	4.4	14.6	0.4	7.5	5	4	5.5	0	0	0	0	0	0	0	0	2.7	5.2	2	3.6	None	Reconstruct
6/17/2014	None	15A29-01	W 86th St	Washburn Ave S	South	Southwest	Diagonal	Concrete	0		3	2	5.6	14.5	10.4	6.9	5	5		0	0	0	0	2.8	8.2	3	0	3.1	2.3	5.3	11.7	None	Reconstruct
6/17/2014	None	15A29-02	Washburn	W 86th St	West	Southwest	Perpendicular	Concrete	0		5	3	2.3	15.3	7.3	9	5	5	5	0	0	0	0	0	0	0	3	0.8	1.6	1	2.4	None	Reconstruct
6/17/2014	None	15A30-01	W 86th St	Washburn Ave S	South	Southeast	Diagonal	Concrete	7	Street Sign	4	4	0.1	6.4	0.3	5.3	5	5	4	0	2.9	6.3	0	0	0	0	3	4.1	1.1	4	6.2	None	Reconstruct
6/17/2014	None	15A30-02	Washburn	W 86th St	East	Southeast	Perpendicular	Concrete	4	Street Sign	4	3	1.7	5.3	6.1	3.1	5	5	4	0	0	0	0	0	0	3	0	5.6	1.3	3.6	1.2	None	Reconstruct
6/17/2014	None	15A32-01	W 86th St	Vincent Ave S	South	Southwest	Diagonal	Concrete	6	Street Sign	4	4	4.7	11.9	2	11	4	6	4	0	0	0	0	4.6	6.3	4	2	10	5.6	13.6	11.4	Tyned	Reconstruct
6/17/2014	None	15A32-02	Vincent	W 86th St	West	Southwest	Perpendicular	Concrete	7	Street Sign	4	4	3.5	15.9	9.3	5.9	7	5	4	0	0	0	0	0	0	0	4	1.5	1.6	1.7	13.2	Tyned	Reconstruct
6/17/2014	None	15A33-01	W 86th St	Vincent Ave S	South	Southeast	Diagonal	Concrete	0		5	5	1.1	8.1	6.7	3.7	5	5	4	0	4.2	4.7	0	0	0	0	4	1.7	5.6	3.2	12.8	None	Reconstruct
6/17/2014	None	15A33-02	Vincent	W 86th St	East	Southeast	Diagonal	Concrete	3	Street Sign	4	5	0.3	8.5	6.6	1.4	4	4	4	0	0	0	0	0	0	3	0	2.3	3.8	1.5	5.1	None	Reconstruct
6/17/2014	None	15A48	W 88th St	Queen Ave S	South	Southwest	Diagonal	Concrete	0		6	7	4.6	10.2	0.4	5	4	4	6	0	2.6	1.9	0	1.4	4	0	0	1.9	3.2	1.7	0.4	Tyned	Reconstruct
6/17/2014	None	15A49	Queen	W 88th St	East	Southeast	Perpendicular	Concrete	0		5	4	4.2	4.5	3.9	0.1	4	4	5	0	0.5	4.2	0	2.4	3.8	0	0	0.4	5.7	0.6	5.9	None	Reconstruct
6/17/2014	None	15A51-01	W 86th St	Penn	South	Southwest	Parallel	Concrete	0		5	5	0.7	6.8	0	0	0	0		0	2.5	0.5	0	1.6	0.8	0	0	2.1	1	0	0.7	None	Reconstruct
6/17/2014	None	15A51-02	Penn	W 86th St	West	Southwest	Parallel	Concrete	3	Signal Base	4.5	4	0.6	7.4	0	0	0	0		0	4	2	0	2.4	4.4	0	0	0.4	3.8	2.3	4.3	None	Reconstruct
6/17/2014	None	15A51-03	Penn	W 86th St	West	Northwest	Parallel	Concrete	5	Signal Base	4.5	4.5	0.9	10	0	0	0	0		0	3.2	2.7	0	3.3	2.6	0	0	1	8.8	0.5	2	None	Reconstruct
6/17/2014	None	15A51-04	Penn	W 86th St	West	Northwest	Parallel	Concrete	3	Signal Base	4.5	4.5	0.2	13.2	0	0	0	0		7	4.9	1.1	0	9.3	2.5	0	0	3.2	1.1	4	5.2	None	Reconstruct
6/17/2014	None	15G10	Shepherd Hills Dr	W 87th	West	West	Tiered Perpendicular	Concrete	0		7	4	7.1	9.7	7.2	0.2	4	4	7	0	0.5	4.1	3	0	0.4	0	0	6.6	5.8	5.2	8.1	None	Reconstruct
6/17/2014	None	15G11	Shepherd Hills Dr	W 87th	East	Northeast	Diagonal	Concrete	7	Street Sign	6	4	2.5	3.3	0.8	3	5.5	4	6	0	0	0	0	0	0	0	0	2.7	2.8	2.4	0.7	Tyned	Reconstruct
6/17/2014	None	15H19	Zenith Rd	W 87th	West	Northwest	Perpendicular	Concrete	0		6	4	3.5	10.7	1	2.7	5	4	6	0	0	0	0	0	0	0	0	0.5	5	1.6	2	None	Reconstruct
6/17/2014	None	15H20	Zenith Rd	W 87th	East	Northeast	Perpendicular	Concrete	8	Power pole	6	4	4.5	10	2.6	0.6	5	4	6	0	0	0	0	0	0	0	0	1.2	4.3	1.5	1.1	None	Reconstruct
6/17/2014	None	15I1-01	Shepherd Hills Dr	France Ave S	North	Northwest	Perpendicular	Concrete	2	Street Sign	7.5	4	0.2	14.5	0.2	1.6	4	4	7.5	0	0	0	0	2.5	3.8	0	0	3.1	8.7	1.8	8.5	None	Reconstruct
6/17/2014	None	15J1	Shepherd Hills Dr	France Ave S	South	Southwest	Perpendicular	Concrete	0		5	5	1.6	12.9	3	7.8	5	5	5	0	0	0	0	0	0	2	3	5.1	7.4	3.8	2.8	Exposed Aggregate	Reconstruct
6/17/2014	None	15P52	Penn	Penn Lake Cir	East	Northeast	Perpendicular	Concrete	7	Street Sign	4.5	8	1.6	12.5	1.1	0.3	4	5	8	0	0	0	0	0	0	0	0	1.9	4.9	4.2	12.3	None	Reconstruct
6/17/2014	None	15Q52	Penn	Penn Lake Cir	East	Southeast	Perpendicular	Concrete	2	Power pole	4	7	5.1	8.8	2.6	5	4	4	4	0	0	0	0	0	0	0	0	7.5	5.6	6.2	6.7	None	Reconstruct
6/17/2014	None	15S52	Penn	W 89th	East	Northeast	Perpendicular	Concrete	0		5	6	3.1	7.9	1.3	3.8	5	6.5	5	0	0	0	0	0	0	0	0	3.4	6.1	4.3	13.1	None	Reconstruct
6/17/2014	None	15T52	Penn	W 89th	East	Southeast	Perpendicular	Concrete	0.5	Street Sign	5	5	0.8	14.1	0.3	3.3	4.5	6	5	0	0	0	0	0	0	0	0	4.6	6.1	2.6	4.5	None	Reconstruct
6/26/2014	None		W 86th St	Nine mile creek pkwy	North	Northeast	Diagonal	Concrete	3	Power pole	5	5	0.6	5.5	0	0	0	0		0	3	2.8	0	3.1	4.6	0	0	3.7	1.1	3.2	1	Cast Iron	None
6/26/2014	None	13B11	Nine Mile Creek Pkwy	Stanley Ave S	East	Northeast	Diagonal	Concrete	6	Street Sign	4	4	10.5	9.9	3.6	0.4	6.5	5	4	0	0	0	0	3.1	0.2	0	0	5.4	3.3	6.5	4.5	Exposed Aggregate	Reconstruct
6/26/2014	None	13B17	W 86th St	Quinn Ave S	North	Northwest	Diagonal	Concrete	2.5	Power pole	4	6	3.6	6.2	0	0	0	0		0	0.6	2.7	0	0	0	0	0	3.8	4.6	3.4	5.6	Cast Iron	Monitor
6/26/2014	None	13B18	W 86th St	Quinn Ave S	North	Northeast	Diagonal	Concrete	0		4	6	4.8	7.1	0	0	0	0		0	0	0	0	3.1	2.6	0	0	5.8	5.2	2.8	1.2	Cast Iron	Monitor
6/26/2014	None	13C17	W 86th St	Palmer Rd	South	Southwest	Diagonal	Concrete	6	Hydrant	5	6	0.1	5	0	0	0	0		0	0	0	0	2.9	0.9	0	0	3.3	5.6	2.3	15.2	Cast Iron	None
6/26/2014	None	13C18	W 86th St	Palmer Rd	East	Southeast	Diagonal	Concrete	4.5	Street Sign	4	6	0.5	2.8	0	0	0	0		0	2	0.9	0	0	0	0	0	0.6	7.7	3.2	7.9	Cast Iron	None
6/26/2014	None	13D15-01	W 86th St	Rich Ave S	North	Northwest	Diagonal	Concrete	0		4	6	1.7	3.1	0	0	0	0			3.3	1.8	0	0	0	0	0	4.7	7.2	3.4	7.6	Cast Iron	Monitor
6/26/2014	None	13D15-02	W 86th St	Rich Ave S	North	Northeast	Diagonal	Concrete	2	Power pole	5	6	1.4	7.4	0	0	0	0		0	0	0	0	3	3.2	0	0	2.6	6	3.3	4.5	Cast Iron	Monitor
6/26/2014	None	13E15-01	W 86th St	Rich rd	South	Southwest	Diagonal	Concrete	6	Hydrant	4	6	1.6	9.3			0	0		0	0	0	0	3.2	0.9	0	0	1.8	7.4	1.6	7.9	Cast Iron	Monitor
6/26/2014	None	13E15-02	W 86th St	Rich rd	South	Southeast	Diagonal	Concrete	0		4	5	2.8	8	0	0	0	0		0	1.5	3.5	0	0	0	0	0	0.1	7.4	3.1	4.6	Cast Iron	Monitor
6/26/2014	None	13F13	W 86th St	Nine mile creek pkwy	South	Southeast	Diagonal	Concrete	6	Street Sign	5	4	3.7	6.7	0	0	0	0		0	2.3	5.1	0	3.7	1.2	0	0	2.6	3.7	2.7	2.3	Cast Iron	None
5/22/2015	None	13A20-01	W 85th St	Palmer av	North	North	Depressed Corner	Concrete	1.6	Street Sign	5	8.4	4.7	10.7	2.1	9.4	5.4	5	5	5.4	3.8	5.4	4.3	4.2	7.8	0	0	6.9	6.9	9.4	2.2	Exposed Aggregate	
5/22/2015	None	13A20-02	W 85th St	Palmer Rd	South	Southeast	Depressed Corner	Concrete	0		5	9	5.2	9.6	2	5.9	5.3	4.9	6	8.4	4.8	5.9	5	2.2	3.7	0	0	3.3	4.5	8.2	3.2	Cast Iron	
5/22/2015	None	13A29-01	W 85th St	Morris av	North	Northeast	Perpendicular	Concrete	0		9	5	3.6	5	0.3	5.1	5	5.1	9	0	0	0	0	0	0	0	0	3.4	7.5	4.4	1.3	Cast Iron	
5/22/2015	None	13A29-02	W 85th St	Morris Av	North	Northwest	Diagonal	Concrete	0.7	Hydrant	7.2	7	0.3	1.3	6.1	0.1	4.4	5.6	9	5.1	1.6	1.2	4.4	1.6	3.5	2	0	0.2	9.6	0.9	4	Cast Iron	
5/22/2015	None	13A34-01	Poplar bridge road	Little Rd	North	Northeast	One Way Directional	Concrete	0		7.8	4.3	5.1	2.3	1.5	2.5	4.5	4.7	7.8	0	0	0	0	0	0	0	0	2.9	0.9	0.7	2.3	None	
5/22/2015	None	13B32	W 85th St	Poplar Bridge Rd	North	North	Depressed Corner	Concrete	2	Street Sign	5.1	7.7	2.3	10.7	4	2	3.8	5	5.7	4.4	4.3	2.6	4.2	4.2	0.9	0	0	2	3.9	2.2	2.3	None	
5/22/2015	None	13B34-02	Poplar bridge road	Little Rd	North	Northwest	One Way Directional	Concrete	1.4	Power pole	7.2	4.5	6.2	7.3	3.5	1.7	4	4.7	7.2	0	0	0				0	0	1	4	0.2	1.6	None	
5/22/2015	None	13B37	Poplar bridge road	Kell Ave S	North	Northwest	One Way Directional	Concrete	0		6	4.7	1	11.4	1.9	4.7	5.6	4.7	6	0	0	0	0	0	0	0	0	2.6	1.9	0.4	0.9	None	
5/22/2015	None	13B38	Poplar bridge road	Kell Ave S	North	Northeast	One Way Directional	Concrete	1.5	Power pole	6	4.5	0.1	4.9	0.8	0.4	4.6	5	6	0	0	0	0	0	0	0	0	3.7	5.1	0.6	4	Cast Iron	
5/22/2015	None	13D46-01	Poplar bridge	Harrison Rd	North	Northeast	One Way Directional	Concrete	0	Power pole	5.8	5	2.9	7.8	2.2	1.9	4.5	4.9	5.8	0	0	0	0	0	0	0	0	0.7	7.2	2.2	1.7	None	
5/22/2015	None	13D46-02	Poplar bridge road	Harrison Rd	North	Northwest	One Way Directional	Concrete	0		6.3	4.5	4.6	9.5	2.2	0.8	3.8	4.7	6.3	0	0	0				0	0	3.8	3	1.2	1.2	None	
5/22/2015	None	13F12	Nine Mile Creek Pkwy	Nine mile creek circle	South	South	Depressed Corner	Concrete	1.8	Hydrant	5.9	8	0.8	9	2.9	1	5.2	5.8	5	0	0	0	0	0	0	0	0	0.6	17.5	1.5	3.4	Cast Iron	
5/22/2015	None	13K25-01	Nine Mile Creek Pkwy	Oxborough Rd	North	Northeast	One Way Directional	Concrete	0		7.4	4.5	2.3	12.5	3.3	0	5.6	4.7	8.3	0	0	0				0	0	1.1	8.1	4.6	3.5	Colored Concrete	
5/22/2015	None	13K25-03	Nine Mile Creek Pkwy	Oxborough Rd	South	Southeast	Perpendicular	Concrete			4.7	5	4.1	0.3	4.9	0.4	5	5	4.7	0	0	0				0	0	0.8	3.3	1.3	1	Tyned	
5/22/2015	None	13K25-03	Nine Mile Creek Pkwy	Oxborough Rd	South	Southwest	Perpendicular	Concrete	0		5.6	5	0.9	2	2.1	1.8	6	4.8	5.6	0	0	0	0	0	0	0	0	0.7	2.1	1.9	0.4	Tyned	

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
5/22/2015	None	13K25-04	Nine Mile Creek Pkwy	Oxborough Rd	North	Northwest	One Way Directional	Concrete		6in to valve , 1.5ft to sign	6	4.3	1.3	13.3	1.3	1.6	6.2	4.7	6	0	0	0	0	0	0	0	0	1.5	5.8	2.6	2	Cast Iron	
5/22/2015	None	13L28-01	Nine Mile Creek Pkwy	Poplar Bridge Rd	North	North	Perpendicular	Concrete		None	3.5	4	8	11.7	3.6	0.3	6.5	4.6	3.5	0	0	0	0	0	0	0	0	4.3	3.3	0.3	4.2	None	Reconstruct
5/22/2015	None	13L28-02	Nine Mile Creek Pkwy	Poplar Bridge Rd	North	Northeast	Perpendicular	Concrete	1.3	CB	5.3	4	6	10.7	2.3	1.3	5.2	4	10	0	0	0	0	0	0	0	0	2.9	2.3	3.9	2.8	None	Reconstruct
5/22/2015	None	13L28-03	Nine Mile Creek Pkwy	Poplar Bridge Rd	South	Southwest	Perpendicular	Concrete	0	None	5.4	4.5	0.8	0.9	5.2	0.1	4	4.9	16.4	0	6.1	0.5	0	4.6	0	0	0	0.4	7.8	0.7	5.1	Tyned	Reconstruct
5/27/2015	None	1350A-01	France Ave S	Irwin Rd	North	Northwest	One Way Directional	Concrete		1.8 ft to sign; 0 ft to bushes	8.8	6.5	0.7	8.9	1.3	4.1	6.8	6	8.8	0	0	0	0	0	0	0	5	2.8	2.6	0.9	2.6	None	
5/27/2015	None	13A50-03	France Ave S	Irwin Rd	West	Southwest	One Way Directional	Concrete	2	Street Sign	8.4	5	1.3	3.7	0.1	2.1	4.6	5	8.4	0	0	0	0	0	0	2.5	0	1.8	7.5	1.9	1.4	Exposed Aggregate	
5/27/2015	None	13D50-01	France Ave S	Poplar Bridge Rd	North	Northwest	Parallel	Concrete	0		6.9	6.5	2.3	5.4	2.6	0.2	5.1	5	6.9	4.9	4	1.2	0	0	0	0	0	2.8	7.5	2.1	0.7	None	
5/27/2015	None	13D50-02	France Ave S	Poplar Bridge Rd	South	Southwest	One Way Directional	Asphalt	2.2	Power pole	7.6	7.5	1	11.2	1.8	3.2	8	8	7.6	0	0	0	0	0	0	0	0	0.5	1.7	3.2	0	None	
5/27/2015	None	13K51-01	France Ave S	Shepherd hills	East	Northeast	Tiered Perpendicular	Concrete	1.7	.5 to manhole; 1.7 to sign; .5 to go gutter	6.5	4.8	0	14	0	1.5	4	4	6.5	5.3	0.5	1.5	4	1	0.5	0	0	56	5.7	2.4	6.5	None	
5/27/2015	None	13K51-02	France Ave S	Shepard hills dr	East	Southeast	Perpendicular	Concrete	0	Gutter	5	4.6	1.5	13.6	1.5	7.4	9.6	5	5	0	0	0	0	0	0	2	3.2	5.2	10.3	3.2	1.2	Exposed Aggregate	
5/28/2015	None	13U42	W 90th St	Harrison Rd	North	Northwest	One Way Directional	Concrete	0		4.3	4	2.9	4.2	1	6.4	4.3	4	8.3	0	0	0				0	0	1.6	5	0.8	2.9	None	
5/28/2015	None	13U43	W 90th St	Harrison Rd	North	Northeast	One Way Directional	Concrete	0		8.5	4	1.6	7.5	2.8	0.5	5	4	8.5	0	0	0	0	0	0	0	0	0.3	4.3	0.3	2.7	None	
5/28/2015	None	13U50-02	France Ave S	W 90th St	North	Northwest	Diagonal	Concrete	0		5	5.4	0.2	15.4	0.8	3.2	8	4	5	6.2	2.8	1.6	6.2	5	2.3	1.7	2	2.5	1.7	2.5	1.5	Cast Iron	
5/28/2015	None	13U52-01	France Ave S	W 90th St	North	Northeast	Diagonal	Concrete	0		6.3	5.1	3.6	15.2	5.5	2.6	5.2	4.9	6.3	5.7	2.8	5.2	6.6	2.8	1.2	2.3	2.7	2.3	1.7	1.8	1	Cast Iron	
5/28/2015	None	13V38	W 90th St	Kell Ave S	North	Northeast	One Way Directional	Concrete	0	Fence	6.8	4.7	4.4	0.1	1.7	1.1	3.4	4	6.8	0	0	0	0	0	0	2	1.7	2.8	2.6	0.4	6.4	Cast Iron	
5/28/2015	None	13V50-01	France Ave S	W 90th St	South	Southwest	Diagonal	Concrete	0		5.7	5	0.6	7.7	0.6	5	11.5	5.6	5.7	7	4.5	0.1	4	2.4	0.2	3.3	2.4	2.3	3.4	1.4	2.7	Cast Iron	
5/28/2015	None	13V52-02	France Ave S	W 90th St	South	Southeast	Diagonal	Concrete	0		7.2	5	3.5	6.9	3.5	1.7	4.8	4.4	7.2	4.4	0.8	3.4	0	0	0	2.5	2.3	3	6.2	1.8	3.9	Cast Iron	
5/28/2015	None	13W37	W 90th St	Kell Ave S	South	Southwest	One Way Directional	Concrete	0	Wood barrier	5	5	2.7	9.7	2.4	10.9	5	5	5	0	0	0				0	0	2.4	3	1.9	0.8	Tyned	
5/28/2015	None	13W38	W 90th St	Kell Ave S	South	Southeast	One Way Directional	Concrete	1	Street Sign	4	5	2	2	3.8	0.2	4.8	5	4	0	0	0	0	0	0	0	0	3.5	8.1	2.6	4.8	Tyned	
5/28/2015	None	13W40-01	W 90th St	Johnson Ave S	South	Southeast	One Way Directional	Concrete	0		4	5	5.2	0.5	4.4	1.7	4.6	5	4	0	0	0	0	0	0	0	0	3.5	5	2.2	5.1	Tyned	
5/28/2015	None	13W40-02	W 90th St	Johnson Ave S	South	Southwest	One Way Directional	Concrete	1	Street Sign	4.5	5	4.1	7.6	3.3	5.6	10.6	5	4.5	0	0	0	0	0	0	0	0	1	3.1	2.8	2.6	Tyned	
5/28/2015	None						One Way Directional	Concrete		Rock bed	4.8	5	1.9	8.9	1	9.4	3.8	4.7	4.8	0	0	0				1.5	3	1.4	0.3	2	2.9	Cast Iron	
06/04/15	None	13I2-01	Normandale Blvd	Mt Normandale Dr	West	Northwest	One Way Directional	Asphalt	0		7.5	5.5	1.5	10.7	0.6	4.5	6	5.5	7.5	0	0	0	0	0	0	0	0	2.5	7.1	2.1	0.8	None	
06/04/15	None	13I2-02	Normandale Blvd	Mt Normandale Dr	West	Southwest	One Way Directional	Asphalt	0		7.5	4.5	0.3	12	1.9	1.7	6	4.5	7.5	0	0	0	0	0	0	0	0	1.4	6.2	2.2	1.4	None	
06/04/15	None	13V31	W 90th St	Nine Mile Creek Pkwy	North	North	Diagonal	Concrete	2	Street Sign	7	6.5	0.1	11.1	6.6	1.6	4	4	7	4.8	5.5	3.1	5	6.2	9.3	0	2.5	1.6	0.5	0.5	2.8	Colored Concrete	
06/04/15	None	13V32-01	Nine Mile Creek Pkwy	W 90th St	North	Northeast	Tiered Perpendicular	Concrete	0		7	4	2.5	17.4	2.7	2.5	4	4.5	7	5	2.6	2.6	5.5	2.5	2.8	0	0	5	4.8	3	3.3	None	
06/04/15	None	13V32-02	Nine Mile Creek Pkwy	W 90th St	South	Southwest	Perpendicular	Concrete	0		8	3.7	1.1	2.3	0.9	2	5	4	8	0	0	0	0	0	0	0	0	2.7	7.6	2.6	1.3	None	
06/04/15	None	13V33	W 90th St	Nine Mile Creek Pkwy	North	Northeast	One Way Directional	Concrete	0		6	6	1.5	8.9	1.8	8	4	5	6	0	0	0	0	0	0	0	2	2.3	2	0.5	0.7	Colored Concrete	
06/04/15	None	13W28	W 90th St	Southmore Dr	South	Southwest	One Way Directional	Concrete	0	0 ft power pole/rock bed, 0.8 ft fire hydrant	5	5	0.4	3.8	2.4	3.5	5.5	5	5	0	0	0	0	0	0	0	0	2.6	11.3	2	1.2	Tyned	
06/04/15	None	13W29	W 90th St	Southmore Dr	South	Southwest	One Way Directional	Concrete	0	Rock Bed	4.7	5	1	7.6	3	4.5	5.2	5	4.7	0	0	0	0	0	0	0	0	1.5	8.1	1.5	0.8	Tyned	
06/04/15	None	13X24-01	W 90th St	Kingsdale Dr	South	Southeast	One Way Directional	Concrete	0		8	4	1.3	1.2	0.6	2.8	3.4	4	8	0	0	0	0	0	0	0	0	0.7	3.2	0.5	0.5	Colored Concrete	
06/04/15	None	13X24-02	W 90th St	Kingsdale Dr	South	Southwest	One Way Directional	Concrete	0.5	Power pole	8.6	4	1.2	3.6	2.6	0.7	5	4	8.6	0	0	0	0	0	0	0	0	0.8	0.7	0.1	0.3	Colored Concrete	
06/05/15	None	13S02-01	Normandale Blvd	Northwood Ridge	West	Northwest	One Way Directional	Asphalt	0		8	4.5	0.8	3.8	3	1.1	4.5	4.5	8	0	0	0	0	0	0	0	0	1.5	6	1.1	3	None	
06/05/15	None	13S2-02	Normandale Blvd	Northwood Ridge	West	Southwest	One Way Directional	Asphalt	0		4.5	5	0.7	11.9	3.8	6.1	7	4.5	4.5	0	0	0	0	0	0	0	0	2	5	0.1	2	None	
06/05/15	None	13X02	Normandale Blvd	Southwood Dr	West	Northwest	One Way Directional	Asphalt	0		5	5	7.8	7.9	0.8	0.4	12	5	5	0	0	0	0	0	0	0	0	0.6	6.3	0.8	3.3	None	
06/05/15	None	13Y02	Normandale Blvd	Southwood Dr	West	Southwest	One Way Directional	Asphalt	0		7	5	0.7	12.4	0.3	4	6.5	5	7	0	0	0	0	0	0	0	0	4.4	7.7	0.9	1	None	
06/05/15	None	29H4	Garfield	W 95th St	West	Northwest	One Way Directional	Concrete	0		6.5	6.5	1.5	0.4	1.2	1	7.8	7.3	6.5	0	0	0	0	0	0	1	1	2.2	7	0.7	1.9	Cast Iron	
06/05/15	None	29H5	Garfield	W 95th St	East	Northeast	One Way Directional	Concrete	1	Fence	11.5	5	1.8	6.1	1	2	5.8	4	11.5	0	0	0	0	0	0	0	0	2	1.8	0.2	1.7	Cast Iron	
06/05/15	None	29I4	Garfield	W 95th St	West	Southwest	Diagonal	Concrete	1.8	Street Sign	4	6	1	1.7	0.2	3.6	4.3	5	4	6	2	0.9	6	4.9	0.7	4	5	2	0.7	2.5	3.3	Cast Iron	
06/05/15	None	29I5	Garfield	W 95th St	East	Southeast	Diagonal	Concrete	0.2	Concrete Cover	7	6	1.8	8.9	4.9	0.5	5.4	4	6.5	10.5	3.8	3.8	0.5	5.2	5	5	1.5	1.9	2.5	0.6	0.3	Cast Iron	
06/05/15	None	29J05-02	Garfield	W 95th St	East	East	One Way Directional	Concrete	0		5	4.5	2.4	6.7	2.6	0.5	5	4	5	0	0	0	0	0	0	1.5	1.5	2.6	0.6	2.5	0.9	Colored Concrete	
06/05/15	None	29J5-01	Garfield	W 95th St	East	Northeast	One Way Directional	Concrete	0		5.5	5	4.5	0.7	5.4	0.9	4.4	4	5.5	0	0	0	0	0	0	1	1.5	3.5	3.1	3.1	0.6	Colored Concrete	
06/05/15	None	29K04-01	Garfield	W 95th St	West	West	One Way Directional	Concrete	0		10	5	8.4	4.9	4.6	0.3	6.8	5	10	0	0	0				0	0	5.4	0.9	6.3	1.1	Exposed Aggregate	
06/05/15	None	29K04-02	Garfield	W 95th St	West	West	One Way Directional	Concrete	0		4	5	6.5	7.3	5.3	3.1	5.2	5	4	0	0	0	0	0	0	0	0	5.1	6.3	5.7	0.6	None	
06/05/15	None	29K05-01	Garfield	W 95th St	East	Southeast	One Way Directional	Concrete	0		5.3	4	2.9	6.4	2.3	1	3.5	4	5.3	0	0	0	0	0	0	1.7	1.5	3.4	0.1	2.7	0.8	Colored Concrete	

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
06/05/15	None	29K05-02	Garfield	W 95th St	East	Southeast	One Way Directional	Concrete	0.7	Concrete cover	6	4	3.4	4.6	1.8	1.9	5.5	4	6	0	0	0	0	0	0	1	1	4.2	0.3	2.8	0.2	Colored Concrete	
06/05/15	None	29L04-01	Garfield	W 95th St	West	West	Perpendicular	Concrete	1.8	Tree	7.2	5	0.3	5	0	4.1	5.4	5	7.2	0	0	0	0	0	0	0	0	2	1.9	3.3	0.7	Cast Iron	
06/05/15	None	29L04-02	Garfield	W 95th St	West	West	One Way Directional	Concrete	0.5	Tree	7.5	5	6	3.7	6.2	1.2	4.7	5	7.5	0	0	0	0	0	0	0	0	2.2	4.2	4.6	2.3	None	
06/05/15		29P04-01	Garfield		West	West	One Way Directional	Concrete	0		5	6	6	2.8	6.3	1.6	5	6	5	0	0	0	0	0	0	0	0	6	1.6	5.9	0.8	Exposed Aggregate	
06/05/15	None	29P04-02	Garfield		West	West	One Way Directional	Concrete	0		5.5	5.5	7.3	0.4	6.6	0.3	4.5	5.5	5.5	0	0	0	0	0	0	0	0	4.2	1.2	6.3	1.7	Exposed Aggregate	
06/05/15	None	29R04-01	Garfield		West	West	One Way Directional	Concrete	0		4.5	6	2.8	6.3	0.6	0.1	4.3	6	4.5	0	0	0	0	0	0	0	0	3.3	3	5.8	0.4	Exposed Aggregate	
06/05/15	None	29R04-02	Garfield		West		One Way Directional	Concrete	0	Wall	5	6	3.7	5.2	2.9	1	5	6	5	0	0	0	0	0	0	0	0	4	0.6	3.6	1.6	Exposed Aggregate	
06/08/15	None	29S04-01	Garfield		West		One Way Directional	Concrete	0	Gutter	4.5	5.5	3.5	9.3	0.5	1.5	10	5.5	4.5	0	0	0	0	0	0	1	1.2	6.6	5.1	6.3	0	Exposed Aggregate	
06/08/15	None	29S04-02	Garfield		West	Southwest	One Way Directional	Concrete	0		4.8	5.7	4.2	9.1	1.1	9.8	10.4	6	4.8	0	0	0	0	0	0	0	0	6.3	0.5	8.2	0.7	None	
06/08/15	None	29U05-01	Garfield		East	Northeast	Diagonal	Concrete	0	Rock Bed	4	5.5	6.9	0.1	5.8	0.2	6.5	5.5	4	0	0	0	0	0	0	0	0	6.3	2.3	4.5	0.2	Tyned	
06/08/15	None	29U05-02	Garfield		East	Southeast	One Way Directional	Concrete	0		5.2	6	4.1	4.4	4.6	3	5	6	5.2	0	0	0	0	0	0	0	0	1.4	7.6	0.5	0.2	Exposed Aggregate	
06/08/15	None	29V05-01	Garfield	W 97th St	South	Southwest	Tiered Perpendicular	Concrete	0		7.5	14	1	7.4	0.3	1.8	6	14	7.5	5.7	1.7	2.8	6.5	2.6	3.5	0	0	0	2	0.8	2.3	Cast Iron	
06/08/15	None	29V05-04	W 97th St	Garfield	North	Northeast	Tiered Perpendicular	Concrete	0		7.6	11	1.9	6.9	3.7	1.6	6	10.3	7.6	4.8	1.9	0.3	5	0.5	3.3	0	0	2.3	1.8	1.5	3.6	Cast Iron	
06/08/15	None	29V06-01	W 97th St		North	Northeast	One Way Directional	Concrete	0		4.3	5.5	1.9	12	1.9	2.5	7.7	5.5	4.3	0	0	0	0	0	0	0	0	0	0	1.1	0.2	Exposed Aggregate	
06/08/15	None	29V06-02	W 97th St		North	Northwest	One Way Directional	Concrete	0		6.8	6	2.3	6.7	1	0.6	4.4	6	6.8	0	0	0	9.5	1.3	1	0	0	1	1.9	1	2.3	None	
06/08/15	None	29V08-01	W 97th St		North	Northeast	One Way Directional	Concrete	0	Bushes	6.5	5.5	0.3	6.5	0.7	0.9	5	5.5	6.5	0	0	0				0	0	0	0	3.5	0.2	None	
06/08/15	None	29V08-02	W 97th St		North	Northwest	One Way Directional	Concrete	0		5	5.5	1.1	5	0.2	0.3	9	5.5	5	0	0	0	0	0	0	0	0	0	0	0.9	1	Exposed Aggregate	
06/08/15	None	29V08-03	Grand Ave S		South	South	Tiered Perpendicular	Concrete	1	Trees	7.5	5.5	2.1	11	0.3	0.6	6	11.5	7.5	5.2	0.6	1	5	1.1	1.3	0	0	0.2	4.1	0.4	0.5	Exposed Aggregate	
06/09/15	None	29W09-01	Grand Ave S	W 97th St	East	Northeast	One Way Directional	Concrete	0		6	6	9.6	9	3.6	1.4	5.7	6	6	0	0	0	5.8	3.2	4.6	0	0	4.9	1	4.5	1	Exposed Aggregate	
06/09/15	None	29W09-02	Grand Ave S	W 97th St	East	Southeast	One Way Directional	Concrete	0	Bushes	5.5	5.5	11.3	4.1	6.3	4.5	6.5	6	5.5	0	0	0	0	0	0	0	0	8	0.8	5.5	0.5	Exposed Aggregate	
06/09/15	None	29X08-01	Grand Ave S	W 98th St	West	Northwest	One Way Directional	Concrete	0.5	Tree	4	6	1.2	7	0.7	3.4	5.5	6	6	0	0	0				0	0	4.2	0.6	5	1	Exposed Aggregate	
06/09/15	None	29X08-02	Grand Ave S	W 98th St	West	Southwest	One Way Directional	Concrete	2	Tree	3.7	4.8	5	8.9	0.7	5	6.7	5	6.5	0	0	0	0	0	0	0	0	0	0	5.3	2.1	Tyned	
06/10/15	None	29A39-01	3rd Ave S	E 94th St	West	Northwest	One Way Directional	Concrete	1	Gutter	6	4	2.9	9.8	2.1	2.9	6.5	4	6	0	0	0	0	0	0	0	0	2.9	5.1	0.1	0.3	Exposed Aggregate	
06/10/15	None	29A39-02	3rd Ave S	E 94th St	West	Southwest	One Way Directional	Concrete	0.7	Hydrant	8.5	4	1.9	8.6	1.4	4.1	4.8	4	8.5	0	0	0	0	0	0	0	0	2.1	7.5	0.6	3.7	Exposed Aggregate	
06/10/15	None	29I39-01	3rd Ave S	W 95th St	West	Northwest	One Way Directional	Concrete	0	Hydrant	7.5	5	1.1	9.3	1.6	5.3	5.9	4	7.5	0	0	0	0	0	0	1	2	0.8	8.3	3.4	3.6	Colored Concrete	
06/10/15	None	29I39-02	3rd Ave S	W 95th St	West	Southwest	One Way Directional	Concrete	0	Power pole	5.5	4.5	2.1	11.7	4.6	6.5	4	4	5.5	0	0	0	5	4.8	6	1.5	1.5	0.1	0.3	2.3	0.3	Colored Concrete	
06/10/15	None	29N40	3rd Ave S	E 96th St	East	Northeast	One Way Directional	Concrete	0		5.5	4	0.3	4.3	2	2	5	4	5.5	0	0	0	0	0	0	2.6	0	0.1	2.6	1.3	1.5	Colored Concrete	
06/25/15	None	4Z0-01	3rd Ave S	Portland Ave S	North	Northeast	Diagonal	Concrete	0	Two Electric Covers and Stoplight	5	7	1	7.5	6.4	0.9	6.5	5	7	4	3.7	0.7	4.5	1.1	5.2	0	0	1.2	7.5	0.1	2.7	Tyned	
06/25/15	None	4Z0-02	E 86th St	Portland Ave S	South	Southeast	Depressed Corner	Concrete	0	Two Electric Covers 0ft and Stoplight Pole 0ft	6	8	1.8	6.5	4	0.8	5.5	4	7	5	2.3	0.9	5	2	1.2	0	0	3	4.3	1	0.6	None	
06/25/15	None	4Z3-01	E 98th St	Oakland Ave S	North	Northeast	One Way Directional	Concrete	1	Power pole	10	5	11	3.7	4	1.6	5.5	5		0	0	0	0	0	0	0	0	2.3	4.1	0.5	2.4	Colored Concrete	
06/25/15	None	4Z3-02	E 86th St	Oakland Ave S	South	Southeast	One Way Directional	Concrete	0		9.5	5	7.2	10.2	7	0.5	11.5	5		0	0	0	0	0	0	0	0	0.6	8	3.5	3.1	Cast Iron	
06/25/15	None	4Z3-03	E 98th St	Oakland Ave S	South	Southwest	One Way Directional	Concrete	0		7	5	12.5	7	4.1	3.5	9.5	5	7	0	0	0	0	0	0	0	0	2.7	3.1	1.6	0.2	Colored Concrete	
06/25/15	None	4Z3-04	E 98th St	Oakland Ave S	North	Northwest	One Way Directional	Concrete	0		11.5	5	11	5.7	5.7	0.3	5	5	11.5	0	0	0	0	0	0	0	0	4.4	2.5	2.6	1.6	None	
06/26/15	2015-102	35O38-01	Collegeview road	Little Rd	West	Northwest	Tiered Perpendicular	Concrete	0		4	5.5	2.6	5.2	2.2	1.9	4.5	5.5	4	5	0.9	5.1	0	0	0	0	0	2	5	1	2.7	Cast Iron	
06/26/15	2015-102	35O38-02	College view	Little Rd	West	Southeast	Tiered Perpendicular	Concrete	0		4.3	5.3	0.8	11.4	2.2	2.2	4.8	5	4.3	0	0	0	5.4	1.9	3.6	0	0	1.9	2	0.4	0.3	Cast Iron	
06/26/15	2015-102	35P31-01	Little Rd	Morris Cir	North	Northwest	Diagonal	Concrete	0.5	Shrubbery	6	6	0.5	3.3	0	5.5	5	5	6	0	0	0	4.5	3.5	0.9	0	0	0.6	0.5	0.7	1.3	Cast Iron	
06/26/15	2015-102	35P31-02	Little Rd	Morris circle	South	Southwest	One Way Directional	Concrete	1	Power pole	9	5	2.9	5.4	4.5	5.2	6	5	9	0	0	0	0	0	0	0	0	1.7	1	3	0	Cast Iron	
06/26/15	2015-102	35P32-01	Little Rd	Morris circle	North	Northeast	One Way Directional	Concrete	0		10	5	1	2.2	1.2	0.3	5	5	10	0	0	0	0	0	0	0	0	1.3	2.4	0.5	2.8	Cast Iron	
06/26/15	2015-102	35P32-02	Little Rd	Morris circle	South	Southeast	One Way Directional	Concrete	0		8.5	5	2.8	1.4	3	0.4	5	5	8.5	0	0	0	0	0	0	0	0	1	2	0.5	3.4	Cast Iron	
06/26/15	2015-102	35P36-01	Little Rd	Little circle	South	Southeast	One Way Directional	Concrete	0	Rock bed	5	5	7.5	3.6	5.3	3.3	6	5	5	0	0	0	0	0	0	0	0	7.9	0.8	2.7	8.8	Cast Iron	
06/26/15	2015-102	35P36-02	Little Rd	Little circle	South	Southwest	One Way Directional	Concrete	0		4	5.5	0.3	13.2	2	13.2	5	5.5	4	0	0	0	0	0	0	0	0	4.9	0.2	2.3	3.8	Cast Iron	
06/26/15	2015-102	35U38	College Heights Cir		East	East	One Way Directional	Concrete	1.5	Streetlight	5	5.5	1.9	6	3.2	6.4	5	5	5.5	0	0	0	0	0	0	0	0	2.3	2.3	1.8	2.5	Cast Iron	
06/26/15	2015-102	35W29	Little Rd	College Heights Cir	West	West	Tiered Perpendicular	Concrete	0		5.5	5	1.4	5.8	1.8	1.4	5	5	5.5	5.3	1.9	3.8	5	1.7	0	0	0	1.9	1.4	1.9	3.6	Cast Iron	
06/26/15	2015-102	35W30-01	Little Rd	Morris circle	East	Northeast	Diagonal	Concrete	0		9.5	5	3.8	2.5	4.3	0.6	5	5	9.5	0	0	0	0	0	0	0	0	1.5	1.2	0	3.5	Cast Iron	
06/26/15	2015-102	35W30-02	Little Rd	College heights circle	East	Southeast	Diagonal	Concrete	1	Streetlight	7.5	7.5	0.5	2.5	0	0	0	0		5	2.5	3.5	5	2	5	0	1.5	2.5	1.7	0.6	0.9	Cast Iron	
06/26/15	2015-102	35W33	College heights circle	College heights circle	South	Southwest	One Way Directional	Concrete	0		7.5	5	0.8	10.6	0.7	11	4.5	5	7.5	0	0	0				0	0	5.8	2	4.1	0.5	Cast Iron	
06/26/15	2015-102	35W34	College Heights Cir	College Heights Cir	South	Southeast	One Way Directional	Concrete	0		7.5	5	3.9	0	3.2	0.4	5	5	7.5	0	0	0	0	0	0	0	0	2.6	2.4	1.2	3.7	Cast Iron	
06/26/15	None	72R39	Bloomington Ferry Rd	W 109th St	North	North	Diagonal	Concrete	0		6.5	4	1.3	2	0.5	4.1	5	4	10	5.3	2.6	6.3	5.5	0.1	3.5	0	0	0.4	5.7	1.6	3.7	Cast Iron	
06/26/15	None	72S39	Bloomington Ferry Rd	W 109th St	East	Southeast	Tiered Perpendicular	Concrete	0		6.5	4	1.4	2.2	1.4	1.6	5	5	6.5	4.5	2.5	2.3	4	4.1	6.02	0	0	1.3	2.1	1	0.1	Cast Iron	
06/26/15	2015-102	72S40-01	W 109th St	Sumter aver	South	Southeast	Perpendicular	Concrete	0		5	5	3	2.8	3.6	1.5	5.5	5	5	0	0	0	0	0	0	0	0	2	3.6	1.5	3.1	Cast Iron	

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
06/26/15	2015-102	72S40-02	W 109th St	Sumter aver	South	Southwest	Perpendicular	Concrete	0		6.5	5	1.4	7.3	2	7.9	4.5	5	6.5	0	0	0	0	0	0	0	0	1.2	1.8	1.4	1.1	Cast Iron	
06/29/15	2015-102	57V16	Kentucky Cir	Kentucky Ave	North	North	One Way Directional	Concrete	0	rock bed	5	7.5	2.4	10.6	0.5	0.6	5	7	5	0	0	0				0	0	2	3.2	0.7	9.5	Cast Iron	
06/29/15	2015-102	57W16	Kentucky Cir	Kentucky Ave	South	Southeast	One Way Directional	Concrete	0		6	6	1.4	10.9	3.6	9.3	10	5	6	0	0	0	0	0	0	0	0	9	5.1	6.9	0.6	Cast Iron	
06/29/15	2015-102	57X15	Kentucky Ave	Kentucky Cir	North	Northeast	Diagonal	Concrete	0		6	6.5	0.2	5	0.1	2.6	5	5	6	4.5	0.9	0.9	6	0.7	9	0	0	1.1	0.2	3.5	1.6	Cast Iron	
06/29/15	2015-102	57Z10-01	Highwood Dr	W 82nd St	East	Northeast	One Way Directional	Concrete	1.5	Street Sign	4	5	1.9	8	2.4	3.1	5	5	4	0	0	0	4.5	2.9	2.3	0	0	1.1	1.6	0	1.2	Cast Iron	
06/29/15	2015-102	57Z10-02	Highwood Dr	W 82nd St	East	Southeast	One Way Directional	Concrete	0		9	5	1.1	2	2.5	6.5	10	5	9	0	0	0	0	0	0			0.8	2.7	1.1	2.3	Cast Iron	
06/29/15	None	57Z11-02	W 82nd St	Lea Rd	North	Northwest	One Way Directional	Concrete	0		9.5	5	4.1	0.9	1.6	2.2	10	5	9.5	0	0	0	5	0.5	6.1	0	0	4.4	1.9	4.4	1.5	Cast Iron	
06/29/15	None	57Z15-01	W 82nd St	Kentucky Ave	North	Northeast	Tiered Perpendicular	Concrete	0		8	5	1.1	1.1	1.5	1.4	5	5	8	5	1.6	3.9	5	1.5	0.8	0	0	0.8	2	0.6	5	Cast Iron	
06/29/15	None	57Z15-02	W 82nd St	Kentucky Cir	North	Northeast	One Way Directional	Concrete	0		8.5	5	2.5	6.3	1.9	2.5	4.5	5	8.5	0	0	0	0	0	0	0	0	1.1	0.8	0.7	1.2	Cast Iron	
06/29/15	2015-102	58J14	Highwood Dr	W 83rd St	East	Northeast	One Way Directional	Concrete	0		7	5	3.6	6.5	2	1.6	4	5	7	0	0	0	0	0	0	0	0	0.2	4.8	0.4	2.4	Cast Iron	
06/30/15	2015-102	36D30-01	Little Rd	W 98th St	East	Northeast	Diagonal	Concrete	0		8	6	6.4	3	4.5	5.8	4.7	4	8	5	1.2	12.6	4.5	5.2	5.1	2	1.5	7.1	5.5	6.1	6.4	Cast Iron	
06/30/15	2015-102	36D30-02	Little Rd	W 98th St	West	West	Tiered Perpendicular	Concrete	0	Utility Box	6.5	5	1	7.4	1.8	1.9	4	5	6.5	9	2	0.5	8	2.1	4	0	0	1.7	0.7	4	0.5	Cast Iron	
06/30/15	2015-102	72R43-01	W 109th St	Rhode Island Ave S	North	Northwest	One Way Directional	Concrete	1.5	Street Sign	3.5	5	1.5	8	1.5	1.7	4.5	5	3.5	5	2.5	1.1	5.5	2.6	4.5	0	0	1.6	1.5	2.3	1.6	Cast Iron	
06/30/15	2015-102	72R44-01	W 109th St	Rhode Island Ave S	North	Northeast	One Way Directional	Concrete	0		8	5	1.8	3.7	2.7	0.6	6	5	8	5	1	3.6	5.5	4.6	0.4	0	0	0.1	6	2.6	3.5	Cast Iron	
06/30/15	2015-102	72R44-02	W 109th St	Rhode Island Ave S	South	Southeast	One Way Directional	Concrete	2	Street Sign	9.5	5	3.5	3.2	2.5	0.9	5	5	9.5	0	0	0	0	0	0	0	0	2.4	1.1	1.5	4.1	Cast Iron	
06/30/15	2015-102	73R43-02	W 109th St	Rhode Island Ave S	South	Southwest	One Way Directional	Concrete	0		7.5	5	2	3.4	2.4	2.1	4	5	7.5	0	0	0	0	0	0	0	0	1.4	3.7	1.9	2	Cast Iron	
07/02/15	2015-102	72N43	W Old Shakopee Rd	Rhode Island Ave S	South	Southwest	Diagonal	Concrete	0		8	6	0.5	4.7	2	1.6	6	5.5	8	8	1.8	0.8	6	3.2	1.3	0	0	0.1	3.8	1.5	2.8	Cast Iron	
07/02/15	2015-102	72N44	W Old Shakopee Rd	Rhode Island Ave S	South	Southeast	One Way Directional	Concrete	0		5.5	5	1	4.8	0.7	1.5	6	5.5	9.5	0	0	0	5.5	0.7	1.2	0	0	1	5.7	1.7	3	Cast Iron	
07/02/15	2015-102	72R47-01	W 109th St	Quebec Ave S	North	Northwest	One Way Directional	Concrete	0		7	5	3.1	0.4	3	0.2	4.5	5	7	0	0	0	0	0	0	0	0	1.8	2	3.4	2.7	Cast Iron	
07/02/15	2015-102	72R47-02	W 109th St	Quebec Ave S	North	North	Tiered Perpendicular	Concrete	0		10	5	1	7.7	1.7	3	5	5	10	5	3.3	1.4	5	2.7	0.1	0	0	0.8	8.4	1.2	1.9	Cast Iron	
07/02/15	None	72R52	W 109th St	Pennsylvania Ave S	North	Northeast	Diagonal	Concrete	0		5.5	5	4	2.7	4.2	2	4.5	5	5.5	0	0	0	0	0	0	2.5	1	2.1	8.2	0.2	2.2	Cast Iron	
07/02/15	2015-102	72S47-01	W 109th St	Quebec Ave S	South	Southwest	One Way Directional	Concrete	0		7	5	0.7	3.9	1.5	0.4	5.5	5	12	0	0	0				0	0	1.1	4	1.6	0.7	Cast Iron	
07/02/15	2015-102	72S47-02	W 109th St	Quebec Ave S	South	South	Tiered Perpendicular	Concrete	0		10.5	5	0.2	5	0.5	2.3	5	6.5	10.5	6	0.6	0.3	6	1.1	0.7	0	0	0.1	2.3	0.1	2.3	Cast Iron	
07/02/15	2015-102	72S48	W 109th St	Quebec Ave S	South	Southeast	One Way Directional	Concrete	0		7	5	0.1	4.1	3	1.3	5	5	17	0	0	0				0	0	0.7	3.1	1.9	2.2	Cast Iron	
07/02/15	2015-102	72S52-01	W 109th St	Pennsylvania Ave S	South	Southeast	Diagonal	Concrete	0		6	5	1.5	1.1	1.4	0.3	5.5	5	5				0	0	0	0	0	0	0	0	0	Cast Iron	
07/02/15	2015-102	72S52-02	W 109th St	Pennsylvania Ave S	South	Southwest	Diagonal	Concrete	1.5	Underground Cable Warning	5	5	0.7	0.5	0.2	1.8	5.5	5	5				0	0	0	0	0	0	0	0	0	Cast Iron	
07/07/15	2014-101	40Z04	W 110th St	Ewing Ave S	North	Northwest	One Way Directional	Concrete	0		8	4	2.2	2.7	3.3	2.2	4	4	8	0	0	0	0	0	0			0.9	8.9	1.9	1	Cast Iron	
07/07/15	2014-101	40Z05	W 110th St	Ewing Ave S	North	Northeast	One Way Directional	Concrete	0	Garden	7	4	1.5	2.9	2.5	4	3.5	4	7	0	0	0				0	0	0.4	6	2.1	2.5	Cast Iron	
07/07/15	2014-101	40Z07	W 110th St	Drew Ave S	North	Northwest	One Way Directional	Concrete	0		7	4	1.5	4.2	3.9	5.3	4.5	4	7	0	0	0	0	0	0	0	0	0.1	3.4	1.3	0.8	Cast Iron	
07/07/15	2014-101	40Z08	W 110th St	Drew Ave S	North	Northeast	Diagonal	Concrete	1	Fence and power pole	6	4	1.8	5	4.1	4.4	4	4	56	0	0	0	0	0	0	1.5	1.5	1.1	3.3	1.1	4.4	Cast Iron	
07/08/15	2014-101	05J46	4th Ave S	E 79 1/2 St	East	East	Perpendicular	Concrete	0		3	5	0.4	2.5	0.4	1.9	5	5	3	0	0	0	0	0	0	0	0	0.9	8	0.6	2.4	Cast Iron	
07/08/15	2014-101	05Z45	4th Ave S	E 82nd St	North	Northwest	One Way Directional	Concrete	2	Street Sign	9	5.5	2.1	2.9	2.5	4.1	5	5	9	0	0	0	0	0	0	0	0	0.8	4.6	2.5	2.1	Cast Iron	
07/08/15	2014-101	05Z46	4th Ave S	E 82nd St	North	Northeast	One Way Directional	Concrete	0		8	5	2.3	1.9	2.9	2.5	5.75	4.5	8	0	0	0	0	0	0	0	0	0.7	3.3	1.5	2.6	Cast Iron	
07/08/15	2014-101	06A45	4th Ave S	E 82nd St	South	Southwest	One Way Directional	Concrete	2	Hydrant	8	4.7	2.1	3.4	3.8	0	4.5	4	16				0	0	0	0	0	2.7	4.3	0.7	2.3	Cast Iron	
07/08/15	2014-101	06A46	4th Ave S	E 82nd St	South	Southeast	One Way Directional	Concrete	1	Street Sign	8	5	2.5	1.2	2.8	0.6	5	4.5	8	0	0	0				0	0	2.3	3.7	1	1.6	Cast Iron	
07/08/15	2014-101	06M45	4th Ave S	E 84th St	West	Northwest	One Way Directional	Concrete	0		11	5	1.4	4.1	0.2	3.3	5.5	5	11	0	0	0	0	0	0	0	0	2.6	2.7	2.6	1.3	Cast Iron	
07/08/15	2014-101	06M46	4th Ave S	E 84th St	East	Northeast	One Way Directional	Concrete	2	Power pole	9	5	1.2	3.6	0.8	2	5	5	9	0	0	0	0	0	0	0	0	3.2	5	2.1	0.7	Cast Iron	
07/08/15	2014-101	06N45	4th Ave S	E 84th St	West	Southwest	One Way Directional	Concrete	1.5	Hydrant	17	5	1.8	7	3.7	0.5	5	5	17	0	0	0	0	0	0	0	0	3.2	3.3	2	0.4	Cast Iron	
07/08/15	2014-101	06N46	4th Ave S	E 84th St	East	Southeast	One Way Directional	Concrete	0		13	5	1.7	3.7	1.4	1.5	5	5	13				0	0	0	0	0	1.3	3.9	2.3	2.3	Cast Iron	
07/08/15	None	10M27	W 84th St	Xerxes Ave S	North	Northeast	Tiered Perpendicular	Concrete	0	Street Sign	4.5	8.5	2.4	7.7	1.3	0.7	5	8.5	4.5	5	0.7	6	4	1.2	3.5	1.5	1.5	2.4	5.1	3.8	1.3	Cast Iron	
07/08/15	None	10N26	W 84th St	Xerxes Ave S	South	Southwest	One Way Directional	Concrete	0		6.5	6.5	2	5	1.2	12.5	4.5	6.5	6.5	0	0	0	0	0	0	0	0	3.7	3.4	5.1	1.8	Cast Iron	
07/08/15	2014-101	40A33	W 106th St	Vincent Ave S	South	Southwest	One Way Directional	Concrete	0		10	4.5	2	8.1	1.2	1.7	6.5	5	10	0	0	0				0	0	2.6	4	2.7	1	Cast Iron	
07/08/15	2014-101	40A34	W 106th St	Vincent Ave S	South	Southeast	One Way Directional	Concrete	0		8	5	2.7	3.6	2.3	0.1	5	5	8				0	0	0			1.7	5.3	2.8	2	Cast Iron	
07/08/15	2014-101	40A37	W 106th St	Upton Ave S	South	Southwest	One Way Directional	Concrete	1.5	Hydrant	9.5	5	1	6.7	0.2	1.4	6	5	9.5	0	0	0	0	0	0	0	0	0.1	1.1	1	0.7	Cast Iron	
07/08/15	2014-101	40A38	W 106th St	Upton Ave S	South	Southeast	Diagonal	Concrete	0	Power pole	9	5	2.4	7.3	4.2	0.2	6	5	9	0	0	0	0	0	0	0	0	0.3	1.9	1.5	4.5	Cast Iron	
07/08/15	None		France Ave S	Bailiff Pl	East	Northeast	One Way Directional	Concrete	0		8	4	1.7	6.1	0.8	0.5	4.5	4	12.5	0	0	0	0	0	0	0	0	1.9	2.4	2.6	1.1	Cast Iron	
07/08/15	None		France Ave S	Bailiff Pl	East	Southeast	One Way Directional	Concrete	1.5	Street Sign	8	4	1.9	4.3	2.1	0.1	4	4	8	0	0	0	0	0	0	0	0	0.2	1.4	2.1	1.3	Cast Iron	
07/09/15	None		W Old Shakopee Rd	Drew Ave S	North	Northwest	One Way Directional	Concrete	1.5	Hydrant	7.5	6	2.8	6.2	1.9	0.9	5	6	7.5	0	0	0	0	0	0	0	0	0.7	0.1	3.3	1.2	Colored Concrete	
07/09/15	None	27Z34	E 98th St	14th Ave S	North	Northwest	One Way Directional	Concrete	0		15	5	0.1	9.6	2.5	3.4	5	5	15	0	0	0	0	0	0	3	0	1.6	1.3	0.4	2.1	Cast Iron	
07/09/15	2014-101	39Y17	W Old Shakopee Rd	Abbott Ave S	North	Northeast	One Way Directional	Concrete	0		10.5	4	1.7	9.5	1.8	1.4	4.5	4	10.5	0	0	0	0	0	0	2	6	0.9	1.6	0.1	1.5	Cast Iron	
07/09/15	2014-101	39Z16	W Old Shakopee Rd	Abbott Ave S	North	Northwest	One Way Directional	Concrete	0		8.5	4	1.2	12.2	1.4	4.2	5	4	8.5	0	0	0	0	0	0	2	2.5	0.8	2.2	0.9	1	Cast Iron	
07/09/15	2014-101	40A14	W Old Shakopee Rd	Beard Ave S	North	Northeast	Diagonal	Concrete	0		8	4	2.9	16.7	2.4	1.4	5.5	4	8	0	0	0	0	0	0	1.5	2.5	0.6	3.5	0.7	0.6	Cast Iron	
07/09/15	None	40B14	W Old Shakopee Rd	Beard Ave S	North	Northwest	One Way Directional	Concrete	1	Hydrant	7.5	4	7.6	13	3.1	21	5	4	7.5				0	0	0	0	0	0.2	3.5	0.6	0.7	None	

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Objects (ft)	Fixed Object Type	Ramp Length (ft)	Ramp Width (ft)	Ramp Slope X (%)	Ramp Slope S (%)	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Approach Left Length (ft)	Approach Left Slope X (%)	Approach Left Slope S (%)	Approach Right Length (ft)	Approach Right Slope X (%)	Approach Right Slope S (%)	Flare Width Left (ft)	Flare Width Right (ft)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
07/09/15	2014-101	40C11	W Old Shakopee Rd	Chowen Ave S	North	North	One Way Directional	Concrete	0		9	4	0.5	8.8	0.8	0.2	5.5	4	9	0	0	0	0	0	0	1.5	3.5	2.5	2.5	2.1	0	Cast Iron	
07/09/15	None	40D08	W Old Shakopee Rd	Drew Ave S	North	Northeast	One Way Directional	Concrete	0		6	4	7.7	16.6	5.3	4.5	4	4	6	0	0	0	0	0	0	0	0	2.6	1.2	2.7	0.5	None	
07/09/15	None	40D10	W Old Shakopee Rd	Chowen Ave S	North	Northwest	One Way Directional	Concrete	0	Wood barrier w/ wood chips	6	4	2.4	5	3.5	5.8	5	4	6	0	0	0	0	0	0	0	0	0.9	0	1.7	1.5	None	
07/09/15	None	72T12	W 110th St	Boone Cir	North	North	Tiered Perpendicular	Concrete	0		12	6	2.6	3.8	0.9	0.7	5	6	12	6	1.4	1.2	5	0.9	3.2	0	0	4.6	3.2	3.6	5	Cast Iron	
07/09/15	None	72X17	W 110th St	Aquila Bluffs Cir	North	Northeast	Tiered Perpendicular	Concrete	0		6	6	2.9	7.7	1.2	0.9	5	5.7	6	5.2	2.1	0.4	5.4	2.1	3.5	0	0	2.7	1.5	2.8	3.2	Cast Iron	
07/27/15	None	10M01	W 84th St	France Ave S	North	Northeast	Tiered Perpendicular	Concrete	0		4.5	16.5	4.9	2.5	5.4	2.8	7	4	4.5	4	1.1	3	4.5	1	6.3	0	0	5.4	4.4	4.5	3.3	Cast Iron	
07/27/15	None	10M08	W 84th St	Chowen Ave S	North	Northwest	One Way Directional	Concrete	0		7.5	4	0.8	0.5	1	6	5	4	7.5	0	0	0	0	0	0	0	0	1.5	0.9	0.6	4.4	Cast Iron	
07/27/15	None	10M09	W 84th St	Chowen Ave S	North	Northeast	One Way Directional	Concrete	1.5	Street Sign	5	4	0.6	6	0.4	2	5.5	4	5	0	0	0	0	0	0	0	0	1.3	1	1.7	3.3	Cast Iron	
07/27/15	None	10N13	W 84th St	Beard Road	North	Northwest	One Way Directional	Concrete	0		6.5	4	2.2	5.9	0.7	2	5	4	6.5	0	0	0	0	0	0	0	0	1.4	1.6	4	1.6	Cast Iron	
07/27/15	None	10N14	W 84th St	Beard Road	North	Northeast	One Way Directional	Concrete	0		8.5	4	2	7.2	2	0.3	5	4	8.5	0	0	0	0	0	0	0	0	0.3	0.2	2.4	3.2	Cast Iron	
07/27/15	None	10N17	W 84th St	Zenith Ave S	North	Northwest	One Way Directional	Concrete	2	Street Sign	7.5	4	6.7	0.4	4.9	4.4	4.5	4	7.5	0	0	0	0	0	0	1	1	5.5	0.5	3.4	7.2	Cast Iron	
07/27/15	None	10N18	W 84th St	Zenith Ave S	North	Northeast	One Way Directional	Concrete	0		5	4	2.3	5.8	1.8	1.1	6	4	5	0	0	0	0	0	0	0	0	2.4	0.2	0.7	1.1	Cast Iron	
07/27/15	None	10O14	W 84th St	Zenith Road	South	Southwest	One Way Directional	Concrete	0		7	4	2	3.4	2.1	1.9	4	4	7	0	0	0	0	0	0	0	0	2.8	3.7	0.5	4	Cast Iron	
07/27/15	None	10O15	W 84th St	Zenith Road	South	Southeast	Diagonal	Concrete	0		12.5	5	3.4	9.6	1.8	2	5.5	5	12.5	0	0	0	0	0	0	0	0	2.1	4.3	2.5	1.2	Cast Iron	
07/27/15	None	30A44	E 98th St	4th Ave S	South	Southwest	One Way Directional	Concrete	2	Hydrant	10.5	4.5	0.5	9.1	3.7	0.9	5.5	5	10.5	0	0	0	0	0	0	0	0	1.5	6.2	6.4	1.4	Cast Iron	
07/27/15	None	30A45	E 98th St	4th Ave S	South	Southwest	One Way Directional	Concrete	0		10	4.5	8.7	9	3.5	1.8	4.5	5	10	0	0	0	0	0	0	0	0	4.8	3.3	4.6	0.2	Tyned	
07/27/15	None	30J39	3rd Ave S	Portland Place	East	Northeast	One Way Directional	Concrete	0		7.5	4	0.9	3.7	1.9	1.2	3.3	4	7.5	0	0	0	0	0	0	3.5	2	0.4	4.1	2.4	3.2	Cast Iron	
07/27/15	None	30J52	Portland Ave S	Portland Place	West	Northwest	One Way Directional	Concrete	2	Gas Pipeline stake	9	4	3.8	3.9	0.7	1.8	5	4	9	0	0	0	0	0	0	0	3.5	1.2	3.3	2.2	4.1	Cast Iron	
07/27/15	None	30K39	3rd Ave S	Portland Place	East	Southeast	One Way Directional	Concrete	0		9	4	5	11.8	2.4	6	5	4	9	0	0	0	0	0	0	2	3	0.8	3.7	2.1	2	Cast Iron	
07/27/15	None	30K52	Portland Ave S	Portland Place	West	Southwest	One Way Directional	Concrete	1.5	Street Sign	6.5	4	2.3	8.1	0.2	2.5	5	4	6.5	0	0	0	0	0	0	4	2.5	2.9	2.8	2.4	0.1	Cast Iron	
07/28/15	None	31M49-01	W 96th St	Aldrich Ave S	North	Northeast	One Way Directional	Concrete	0		6	6	1.7	4	1.2	1.8	5	6	6	0	0	0	0	0	0	1	2	0	0.4	0.9	0.1	Cast Iron	
07/28/15	None	31M49-02	W 96th St	Aldrich Ave S	North	Northwest	One Way Directional	Concrete	0		6	6	1	5.4	0.7	0.7	5.5	6	6	0	0	0	0	0	0	2.5	0.5	0.9	0.2	2.2	1.1	Cast Iron	
07/28/15	None	31M52-02	Lyndale Ave S	W 96th St	West	Northwest	Tiered Perpendicular	Concrete	0		6	8	0.5	4.8	0.1	1.7	5	8	6	5	1.7	0.2	5.5	0.3	1.1	2	2	0.4	7.4	0.9	1.7	Cast Iron	
07/28/15	None	31N49	W 96th St	Aldrich Ave S	South	Southeast	One Way Directional	Concrete	0		7	6	0.3	6.2	1.4	1.5	4	6	7	0	0	0	0	0	0	2	0.5	0.5	4.6	0.2	1.3	Cast Iron	
07/28/15	None	31N52	Lyndale Ave S	W 96th St	West	Southwest	Tiered Perpendicular	Concrete	0		6.5	8	1.4	5.7	1.8	1.5	8.5	8	6.5	0	0	0	6	1	6.3	1	1	1	7.9	0.9	1.8	Cast Iron	
07/28/15	None	40D01	France Ave S	W Old Shakopee Rd	East	Northeast	Perpendicular	Concrete	0	Barriers	5.5	6	0.8	13.6	1.3	0.9	5	12	11.5	6	3.2	2.4	6	3.9	1.6	0	0	2.4	8.8	1.3	2	Colored Concrete	
07/28/15	None	40G01	France Ave S	W Old Shakopee Rd	East	Southeast	Perpendicular	Concrete	0	Barriers	5.5	6	3	13.7	0.1	0.7	6	11	5.5	7.5	1.3	1.9	6.5	1.7	0.8	0	0	0.9	2.3	0.7	0.5	Colored Concrete	
07/29/15	None	31M52-01	Lyndale Ave S	W 96th St	West	Northwest	Tiered Perpendicular	Concrete	0	Street Sign	5.5	5.5	0.2	4.1	0.5	1.2	5.5	5.5	5.5	5.5	0.1	2.5	5	1.4	1.4	2	3	0.1	5.1	0.4	2.3	Cast Iron	
07/29/15	None	35P17	Rich Rd	W 96th St	West	North	One Way Directional	Concrete	0		5	4	0.7	8.3	2.5	2.6	5	4	5				0	0	0	0	0.5	0.4	12.7	0.8	1.9	Cast Iron	
07/29/15	None	35Q17	Rich Rd	W 96th St	West	South	One Way Directional	Concrete	0		7	4	1.7	5.3	2.7	7	4	4	7	0	0	0	0	0	0	1	2.5	2.2	9	0.7	0.3	Colored Concrete	
07/29/15	None	35S15-01	Rich Rd	Rich Cv	West		One Way Directional	Concrete	1.835	Street Sign	5	4	2.9	8.3	0.2	1	5	4	5	0	0	0	0	0	0	2.5	0	0.8	9.2	2	2.7	Cast Iron	
07/29/15	None	35S15-02	Rich Rd	Rich Cv	West	Southwest	One Way Directional	Concrete	0		7	4	2.2	9.3	1.8	3.6	5	4	7	0	0	0	0	0	0	0.5	2	1.6	6.1	0.6	1	Cast Iron	
07/29/15	None	35W16-01	Rich Rd	Palmer Rd	East	Northeast	One Way Directional	Concrete	1	Street Sign	5.5	4	2.3	9.3	3.8	2.3	5	4	9	0	0	0	0	0	0	0.5	0.5	2.6	3.2	2.1	4.5	Cast Iron	
07/29/15	None	35W16-02	Rich Rd	Palmer Rd	East	Southeast	One Way Directional	Concrete	0		4.5	4	1.2	3.6	2.1	5.8	5	4	4.5	0	0	0	0	0	0	1	1	0.4	4.4	1.1	0.4	Cast Iron	
07/29/15	None	35Y16-01	Rich Rd	Rich Cv	West	Northwest	One Way Directional	Concrete	1	Street Sign	7	5	2.5	6.6	0.2	1	5	5	7	0	0	0	0	0	0	1.5	1.5	1.7	8.7	0.4	3.7	Cast Iron	
07/29/15	None	35Y16-02	Rich Rd	Rich Cv	West	Southwest	One Way Directional	Concrete	0		9	4	2	14.1	2.9	5.2	6	4	9	0	0	0	0	0	0	0	2	0.1	1.3	2	0	Cast Iron	
07/29/15	None	35Z16	Rich Rd	Oxborough Rd	East	Northeast	One Way Directional	Concrete	0		8	4	3	1.3	0.7	3.8	6	4	8	0	0	0	0	0	0	3	0.5	0.6	8.5	2.6	4.3		
07/30/15	None	20G39	E 91st St	3rd Ave S	North	Northwest	Tiered Perpendicular	Concrete	0		6.5	4	0.3	2.3	1.6	3.3	4	6	6.5	4	2.6	5.3	4.5	2.4	5.3	0	0	0.4	3.3	0.5	1.9	Cast Iron	
07/30/15	None	20H39	3rd Ave S	E 91st St	South	Southwest	One Way Directional	Concrete	1.5	Street Sign	10	6	1.7	4.6	1.3	3.3	5	5	10	0	0	0	0	0	0	0	0	0.7	5.9	2.1	3.1	Cast Iron	
07/30/15	None	20N39-01	3rd Ave S	E 92nd St	West	Northwest	One Way Directional	Concrete	2	Street Sign	11	6	2.4	5.3	1.3	4.6	6	6	11	0	0	0	0	0	0	0	0	0.4	6.2	1.6	6.1	Cast Iron	
07/30/15	None	20N39-02	3rd Ave S	E 92nd St	West	Southwest	One Way Directional	Concrete	0.5	Hydrant	8	4	4.1	2.4	3.1	1.9	5	4	8	0	0	0	0	0	0	0	0	3.1	4.7	1.7	2.9	Cast Iron	
07/31/15	None	20A32	E 90th St	Stevens Ave S	North	Northwest	One Way Directional	Concrete	1	Power pole	6	4	4.3	2.3	5.6	4.9	4.5	4	6	0	0	0	0	0	0	2.5	2.5	1.6	2.1	1.1	1.1	Cast Iron	
07/31/15	None	20A33	E 90th St	Stevens Ave S	North	Northeast	One Way Directional	Concrete	1	Street Sign	5.5	4	5	0.6	4.2	4.7	4.5	4	5.5	0	0	0	0	0	0	3	4	4.4	4.8	1.9	5.3	Cast Iron	

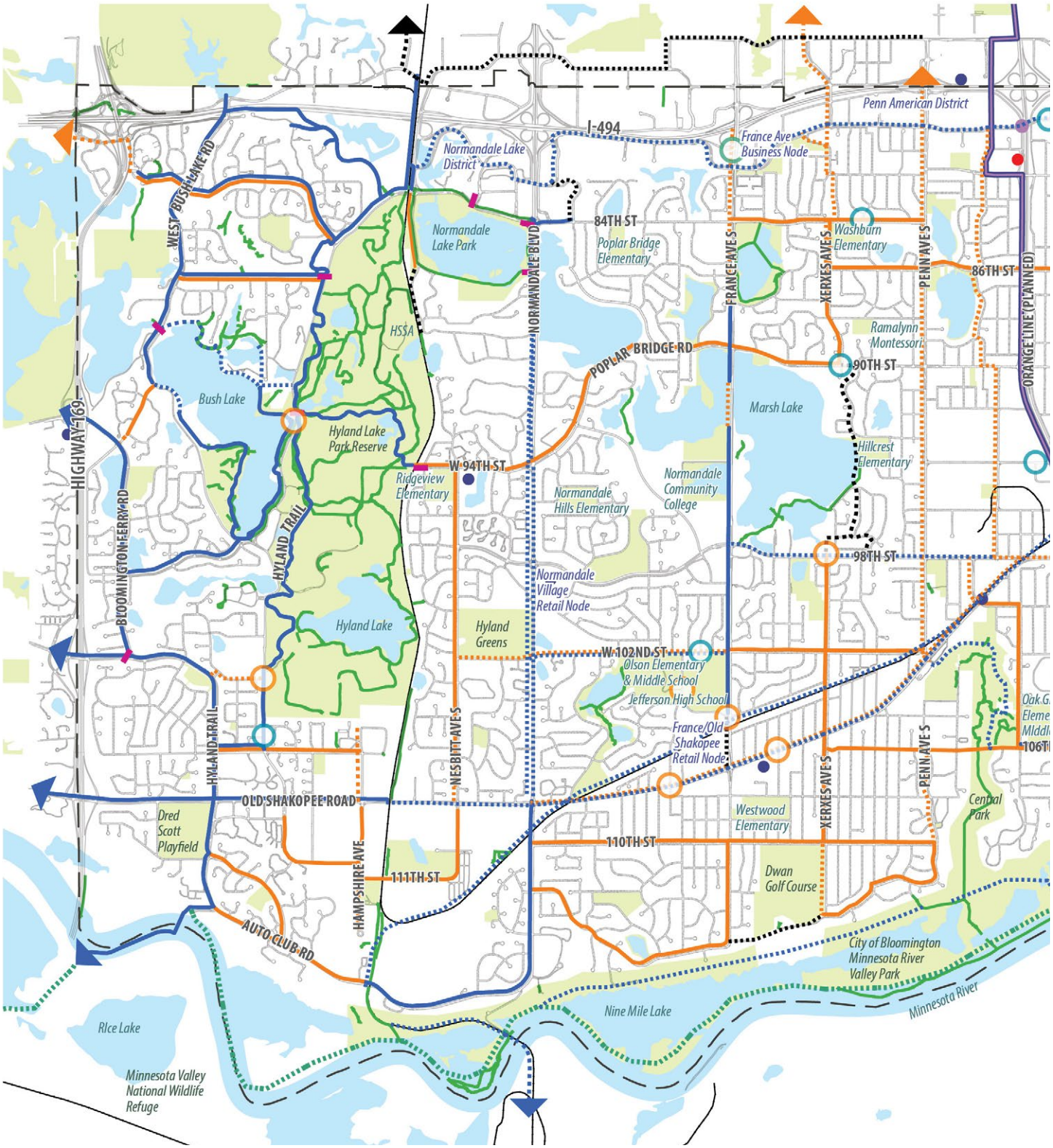
Date	Data Recorder	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Object (ft)	Fixed Object Type	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Ramp Left Length (ft)	Ramp Left Width (ft)	Ramp Left Slope X (%)	Ramp Left Slope S (%)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Ramp Right Length (ft)	Ramp Right Width (ft)	Ramp Right Slope X (%)	Ramp Right Slope S (%)	Gutter Slope X (%)	Gutter Slope S (%)	Pavement Slope X (%)	Pavement Slope S (%)	Tactile Warning	Recommended Action
11/14/12		2012-101	19a27	w 86th St	Nicollet Ave S	North	Northwest	Two Way Directional	Concrete	0	none	6	0.5	2.2	6.5	0.1	3.1	0	0	0	0	0.2	0.1	Cast Iron	1	0.9								
11/14/12	Sara Hatfield-Asper	2012-101	19a28	w 86th St	Nicollet Ave S	North	Northeast	Two Way Directional	Concrete	0	none	6.6	1.4	1.3	9.2	1.2	2.6	0	0	0	0	1.5	0.6	Cast Iron	2.3	1.7								
11/14/12	Sara Hatfield-Asper	2012-101	19b28	w 86th St	Nicollet Ave S	South	Southeast	Two Way Directional	Concrete	0	none	7.5	0.8	0.9	6.9	1.7	1.5	0	0	0	0	0.4	0.4	Cast Iron	0.9	0.1								
11/16/12	Sara Hatfield-Asper	2012-101	19b01	w 86th St	Lyndale Ave S	South	Southeast	Two Way Directional	Concrete	0	None	8.3	1.5	2.4	7.6	1.6	3.9	0	0	0	0	2.1	4.2	Cast Iron	2.5	4.9								
11/19/12	Sara Hatfield-Asper	2012-101	08a17	w 82nd St	Knox Ave S	South	Southwest	Two Way Directional	Concrete	0	Signal Base	1.4	2	5.6	5.6	8.3	1.7	3.6		1.1	1.7	1.6	1.3	Cast Iron	14.9	1.1	6.6		2.6	2	2.5	6.7	Cast Iron	None
11/19/12	Sara Hatfield-Asper	2012-101	08a18	w 82nd St	Knox Ave S	South	Southeast	Two Way Directional	Concrete	0	Signal Base	1.9	2	5.3	6.4	8.9	1.1	8.2		1.1	3.2	0.5	1.8	Cast Iron	6.1	0.5	3.4		1.1	4.1	0.2	2.2	Cast Iron	
11/19/12	Sara Hatfield-Asper	2012-101	08y02	w 82nd St	Penn Ave S	South	Southeast	Depressed Corner	Concrete	0	Signal Base	0.4	0.1	9.8	5.9	6.3	2	3.9		0.5	3.1	0.6	1.5	Cast Iron	5	1	8		0.4	1.2	0.2	2.2	Cast Iron	None
04/30/13	Sara Hatfield-Asper	2012-101	11z52	American Blvd	France Ave S	South	Southwest	Perpendicular	Concrete	0		1	4.5	6	5	0	0		6.2	0	0	0	0	Cast Iron	0	6	3		2.5	4	0.2	2.1	Cast Iron	None
05/30/13	Christina Vasseur	None	60D31-02	W bush lake rd	Highwood Dr	East	Southeast	Two Way Directional	Concrete	0		1.7	0.3	5	5	8.8	5.5	0.1	4.8	6.4	2.5	1.1	2	Cast Iron	11.8	5.5	3.4	3.5	7.9	1.3	0.6	0.5	Cast Iron	None
06/05/13	Devin Winter	None	62U13-01	Bloomington ferry rd	Veness rd	South	Southwest	Two Way Directional	Concrete	1	Signal Base	3.8	5.8	5	5	6.7	5	4.9	2.3	3.1	1.8	2.5	1.2	Cast Iron	9	4.5	1.5	4.7	4.7	1	1.2	1.1	Tyned	Reconstruct
06/05/13	Devin Winter	None	62V11-01	Bloomington ferry rd	Veness rd	North	Northwest	Two Way Directional	Concrete	0		3.5	4.8	4.5	6.2	4.4	6	4	5	3.1	1.2	2.7	1.9	Cast Iron	4.3	4.3	4	5.1	2.6	1	1.4	0.7	Cast Iron	Reconstruct
6/29/2015	Mason Kegley	None	58K14	Highwood Dr	W 83rd St	East	Southeast	Two Way Directional	Concrete	1	Hydrant	2.6	5.4	5	5	8	4	1.5	0.3	1.3	0.6	1.5	3	Cast Iron	4.5	4	1.6	2.5	2.6	4.8	1.1	3.5	Cast Iron	
7/8/2015	Trevor Solie	None	10N27	W 84th St	Xerxes Ave	South	Southeast	Two Way Directional	Concrete	0	Signal Base	0.4	1.8	10.5	6	4.5	12	0.6	5	0.7	7.1	3.1	5.4	Cast Iron	4.5	8	0.8	5.8	2	7.4	2.2	7.4	Cast Iron	

Inspection Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Object (ft)	Fixed Object Type	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Ramp 1 Length (ft)	Ramp 1 Width (ft)	Ramp 1 Slope X (%)	Ramp 1 Slope S (%)	Gutter1 Slope X (%)	Gutter 1 Slope S (%)	Pavement 1 Slope X (%)	Pavement 1 Slope S (%)	Tactile Warning 1	Ramp 2 Length (ft)	Ramp 2 Width (ft)	Ramp 2 Slope S (%)	Ramp 2 Slope X (%)	Gutter1 Slope X (%)	Gutter 1 Slope S (%)	Pavement 1 Slope X (%)	Pavement 1 Slope S (%)	Tactile Warning 1	Ramp 3 Length (ft)	Ramp 3 Width (ft)	Ramp 3 Slope X (%)	Ramp 3 Slope S (%)	Gutter 1 Slope X (%)	Gutter 1 Slope S (%)	Pavement 1 Slope X (%)	Pavement 1 Slope S (%)	Tactile Warning 1	Recommended Action
11/14/12	2012-101	19b27	w 86th St	Nicollet	South	Southwest	Diagonal	Concrete	0	none	0	0	0	0	10.5	4	0.6	0.1						9	4	0.2	1.3						9.7	4	1.2	1.3					Cast Iron	
11/16/12	2012-101	19a01	w 86th St	lyndale	North	Northwest	One Way Directional	Concrete	0	None	0	0	0	0	5.8	5	0.4	1						7	5.2	0.3	1.2						5	5.3	2	2.5					Cast Iron	
11/19/2012	2012-101	07z23	w 82nd st	humboldt	North	Northwest	Perpendicular	Concrete	0		0	0	0	0	6.3	4.4	0.8	4.2	2.3	0.7	1.6	2.6	Cast Iron	7.4	5	4.3	1.7	1.8	1.3	1.6	4.8	Cast Iron	6	5.2	1.9	4.2	1.6	2.7	2	0.5	Cast Iron	None
11/19/2012	2012-101	08a23	w 82nd St	humboldt			Perpendicular	Concrete	0		0.2	1.3	6	5.2	3.6	4.6	0.6	7.7	1.2	2.8	1	0.4	Cast Iron	5.6	5.3	1.1	0.3	0.8	5.8	0.5	0.6	Cast Iron	5.2	5.3	1.3	0.5	1.8	1.6	1.6	0.9	Cast Iron	None
11/19/2012	2012-101	35L05	American Blvd	International dr	North	Northwest	Diagonal	Concrete	0		0	0	0	0	5.5	5	1.6	0.7	2.9	7.6	3.9	1.3	Cast Iron	5.3	5	5	1.8	0.9	0.5	1.5	2.9	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
11/19/2012	2012-101	85L06	American Blvd	International dr	North	Northeast	Perpendicular	Concrete	0		0	0	0	0	4.8	4.5	1.7	3.9	1.4	0.7	1.3	0.8	Cast Iron	5.3	4.5	0.5	1.6	2.9	5.1	3.3	1.4	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
11/20/2012	2012-101	07z17	w 82nd St	Knox	North	Northwest	Perpendicular	Concrete	0						5	4.8	0.2	3.8	0.7	0.8	0.5	3.4	Cast Iron	4.8	4.6	4.5	0.2	0.6	1.1	0.3	0.9	Cast Iron	6.2	5	2	4.6	0.2	5.1	0.9	1.4	Cast Iron	None
11/21/2012	2012-101	07z17	w 82nd St	knox	North	Northeast	Perpendicular	Concrete	0	Signal Base	0	0	0	0	6.2	5.5	0.3	4.9	0.2	0.3	0.1	3.2	Cast Iron	6	5	3.9	1.7	0.9	0.5	0.2	0.6	Cast Iron	5.8	5.4	0.6	4.1	0.3	0.8	1	1.3	Cast Iron	None
11/21/2012	2012-101	11p04	Normandale Service Rd	American	South	Southwest	Perpendicular	Concrete	0		1.9	1.3	0	0	7	5	1.1	6.5	0.1	1	0.6	1.1	Cast Iron	4.9	5	4.9	1.6	0.1	4.2	0.2	0.8	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
11/21/2012	2012-101	11p05	American Blvd	American	South	Southeast	Diagonal	Concrete	0		0.6	1	0	0	5.6	5	0.3	7.5	0.3	4.2	0.5	0.2	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	5.4	5	0.7	6.2	0.4	4.6	0.1	0.9	Cast Iron	None
4/29/2013	2012-101	12c05	American Blvd	W 82nd st	South	Southwest	Perpendicular	Concrete	3	Street Sign		0	0	0	6.4	4	5	0.4	0.3	1.3	1.5	1.2	Cast Iron	5.7	4	4.8	3.8	1.7	2.3	2.9	2.4	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
4/30/2013	2012-101	09p15	American Blvd	South town	North	Northeast	Perpendicular	Concrete	2	Street Sign	0.6	2	5	5	8	5	1.2	0.3	0.9	2.7	0.1	1.2	Cast Iron	6	4	2.4	1.8	2.5	5.6	3.4	2.4	Cast Iron	12	6	4.4	7	0.9	1.5	0.2	5	Cast Iron	None
4/30/2013	2012-101	09x02	American Blvd	France	North	Northeast	Perpendicular	Concrete	0		0.9	0.7	0	0	6	4	0.4	6	1.8	3.3	0.9	0.6	Cast Iron	6	4	6.8	1.1	0.4	2.2	1	0.5	Cast Iron	3	4	1.3	6.3	0.3	1.4	0.9	3.7	Cast Iron	None
4/30/2013	2012-101	09x07	American Blvd	Northland	North	Northwest	Perpendicular	Concrete	0		1.8	0.3	0	0	6	4	1.2	5	0.6	4.5	1.1	0.1	Cast Iron	12	4	4.8	2.1	0.5	0.8	0.3	1	Cast Iron	10	4	2	7.2	1.3	0.6	1.5	1.9	Cast Iron	None
4/30/2013	2012-101	09x08	American Blvd	Northland	North	Northeast	Perpendicular	Concrete	0		2	0.9	0	0	8.5	6	1.4	4.3	1.9	3.8	3.4	1.4	Cast Iron	5.5	4	6.8	1.6	2.3	6.4	0.8	1.9	Cast Iron	14.5	6	1.8	4.8	0.6	9.2	0.9	1.1	Cast Iron	None
4/30/2013	2012-101	09z02	American Blvd	France	South	Southeast	Perpendicular	Concrete	0		0	0	0	0	6	4	2	1.9	2.6	2.1	1.6	2.2	Cast Iron	6	4	3.7	1.8	0.7	1.8	3	3.3	Cast Iron	8.5	4.8	1.1	5.6	0.3	0.8	1.2	2.2	Cast Iron	None
4/30/2013	2012-101	11x53	American Blvd	France	North	Northwest	Perpendicular	Concrete	0		0	0	0	0	12.5	4	1.7	0.3	2.9	0.3	1.1	2.2	Cast Iron	7	4	0.4	0.8	1.5	4.4	1.9	3	Cast Iron	4	4	2.6	3.6	1.2	0.1	2.1	1.1	Cast Iron	None
4/30/2013	2012-101	11z53	American Blvd	France	South	Southwest	Perpendicular	Concrete	5	Signal Base	0	0	0	0	5	5	2.7	2.6	3	1.8	2.2	1.1	Cast Iron	6	5	1.5	0.4	0.9	2.8	0.1	0.6	Cast Iron	6	5	4.8	0.8	0.6	0.9	0.4	3	Cast Iron	None
5/6/2013	2012-101	09l27	American Blvd	Xerxes Ave S	North	Northwest	Perpendicular	Concrete	0		5	1.5	6	4	15	4	2	5.3	0.5	7.6	1.4	1.4	Cast Iron	10.5	4	0.9	0.1	0.7	7.9	0.5	3.7	Cast Iron	13	4	0.2	3.9	2	1.2	1.1	3.1	Cast Iron	None
5/6/2013	2012-101	09l28	American Blvd	Xerxes Ave S	North	Northeast	Perpendicular	Concrete	2	Signal Base	1.5	1.3	6	6	16	4	0.9	4.5	1.1	0.2	1.1	1.4	Cast Iron	14	4	1.3	1.6	1.1	5.5	1.9	3.8	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
5/6/2013	2012-101	09q22	American Blvd	Xerxes Ave S	South	Southeast	Perpendicular	Concrete	2.5	Street Sign	0	0	0	0	4	4	0.9	0.9	2.7	2.3	1.7	0.8	Cast Iron	4	5	1	3.7	4.9	0.2	3.6	1.3	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
5/24/2013	None	60Z29-02	W bush lake rd	W 86th st	East	East	Perpendicular	Concrete	0		3.1	5.7	4	4	4	12	2.7	2.3	6.4	3.6	1.6	2.8	Cast Iron	5	10	4.5	1.2	6.8	1.5	0.8	0.8	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
5/30/2013	None	60C31-02	W Bush Lak Rd	High wood	East	Northeast	Perpendicular	Concrete	0		0.7	2	4	4	6.2	5	3.2	5.5	7.9	0.7	1.4	1.2	Cast Iron	5.8	5	5	0.1	2.6	0.7	2.2	0.7	Cast Iron	6	5	0.9	3.4	9.2	0.3	0.9	0.5	Cast Iron	None
6/3/2013	None	58C40-01	W 84 th st	E bush lake rd	North	Northwest	Diagonal	Concrete	0		0.3	1	4	4	7.5	5	4.5	3.3	5.7	3.1	1.1	2.8	Cast Iron	5	5	6.8	2	4.1	2.6	2.4	2.6	Cast Iron	7	5	0.7	1.9	6	1.5	0.8	0.3	Cast Iron	None
6/3/2013	None	58R19-01	Highwood	E bush lake rd	North	North	Diagonal	Concrete	0		0	0	0	0	3	3	0.1	0.3	0	0	4.7	3	None	3	3	4	0.6	0	0	0.1	1.5	None	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/3/2013	None						Diagonal	Concrete	0		0	0	0	0	3	3	0.1	1.5	0	0	0.5	5.9	None	3	3	0.9	1.5	0	0	0.4	1.5	None	0	0	0	0	0	0	0	0	Cast Iron	
6/4/2013	None	62U11-01	Bloomington ferry rd	Ensign ave s	West	Northwest	Perpendicular	Concrete	0		1.2	3.3	6	5	4.5	5	1.4	0.1	6.5	1.2	0.1	0.3	Tyned	5.5	4	0.2	1.9	11	0.9	2	1.4	Tyned	4.3	5	0	4.4	1.8	0.1	1.7	2.3	Tyned	Reconstruct
6/7/2013	None	69V46-01	Lindstrom	Bush lake dr	North		Diagonal	Concrete	0		1.5	3.7	4.9	8	20	7	3.1	8	7.5	0.5	0.5	0.6	Cast Iron	11.7	4.5	2.3	3.4	1.5	3.8	2.9	4.1	Cast Iron	7.5	8	4.4	1.4	3.8	2.6	4.4	3.1	Cast Iron	Reconstruct
6/7/2013	None	70Z14-01	Bloomington ferry rd	Pioneer trail	West	Northwest	Perpendicular	Concrete	0		0	0	0	0	5	5	0.9	3	3	1.4	0.4	0.7	None	6	5	4.4	1.9	4.6	1.8	3.7	2.3	None	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/10/2013	None	70Z16-01	Bloomington ferry rd	Pioneer trail	North	Northeast	Diagonal	Concrete	0		0	0	0	0	5	5	3.6	3.2	7.5	2.7	2.1	2.4	None	5	5	1.5	2.4	2.1	2.9	0.2	3	None	0	0	0	0	0	0	0	0	None	Reconstruct
6/17/2013	None	72M38-02	Old Shakopee Rd	Bloomington Ferry rd	North	Northwest	Perpendicular	Concrete	0	Signal Base					4.5	4	0.1	10	1.7	0.7	1.6	0.2	Exposed Aggregate	4.5	4	5.1	1.1	6.1	2.7	0.3	2.2	Exposed Aggregate	4.5	4	0.1	5.9	8.2	1.5	3.9	0.9	Exposed Aggregate	Reconstruct
6/17/2013	None	72M39-02	Old Shakopee Rd	Bloomington Ferry rd	North	Northeast	Perpendicular	Concrete	0	Signal Base	3.5	0.6	10	10	7	4	2.3	10.3	3.9	4	0.7	4.2	Exposed Aggregate	6	4	2.9	1.7	7.1	1.8	4.1	1.1	Exposed Aggregate	6	4	2.6	12.6	4.8	3.2	1.8	3.2	Exposed Aggregate	Reconstruct
6/17/2013	None	72N38-01	Old Shakopee Rd	Bloomington Ferry rd	South	Southwest	Perpendicular	Concrete	0		2	0.6	13	15	5.5	4	2.5	6	7.9	0.3	2.1	0	Cast Iron	5	5	6.2	0.1	2.4	0.5	3.2	0.7	Cast Iron	6	4	1.2	8.2	4	0.3	3	2.8	Exposed Aggregate	Reconstruct
6/17/2013	None	72N39-01	Old Shakopee Rd	Bloomington Ferry rd	South	Southeast	Perpendicular	Concrete	0	Signal Base	0	0	0	0	4.5	4	2.8	8.2	8.1	3.2	0.6	1.3	Exposed Aggregate	4.5	4	10	1.8	1.1	1.8	1.6	2	Exposed Aggregate	4.5	4	1.3	8.2	7.6	2.3	1.6	2.1	Exposed Aggregate	Reconstruct
6/18/2013	None	85J06-01	American Blvd	International dr	East	Northeast	Perpendicular	Concrete	0		6.1	1.4	4	4.3	5	5	5.1	2	2.3	0.5	3.2	1.3	Cast Iron	4	5	1.5	5.1	6.8	3.3	0.4	3.7	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	
6/18/2013	None	85J07-01	American Blvd	International dr	East	Southeast	Perpendicular	Concrete	0		4.3	0.5	4	4	6	5	2.8	2.2	3.8	2.8	0.5	2.5	Cast Iron	5	5	6	7.1	2.9	1.6	1.7	1.6	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/19/2013	None	01K26-01	American Blvd	24th Ave S	North	Northwest	Perpendicular	Concrete	0		4	2.5	20.7	9.3	21.7	4.5	4	5.2	2.2	2.9	1.9	3.6	Colored Concrete	11	4.5	3.5	3.4	10.4	2.3	2.6	2.1	Colored Concrete	10.6	4.5	2.4	6.6	10.3	3.2	3.5	3.4	Colored Concrete	Reconstruct
6/19/2013	None	01M26-01	American Blvd	24th Ave S	South	Southwest	Perpendicular	Concrete	0		0.8	4.3	23	10	5	4	1.7	5	8.2	1.6	1.1	2	Colored Concrete	6	4	3.5	1.9	6.6	1.9	1.9	1.8	Colored Concrete	6	4	1.4	7.2	6.5	1.4	2.4	0.5	Colored Concrete	Reconstruct
6/19/2013	None	01M27-01	American Blvd	24th Ave S	South	Southeast	Perpendicular	Concrete	0		2	2	18.8	8	5	6	1.1	1.4	1.3	0.7	2.6	0.7	Exposed Aggregate	5.2	6	7.6	0.7	3.2	0.1	0.7	0.7	Exposed Aggregate	6	5	5	10	1.4	1.6	1.3	2	Exposed Aggregate	Reconstruct
6/19/2013	None	01M40-01	American Blvd	28th ave	South	Southeast	Perpendicular	Concrete	0		1.1	1.1	13	10	5.2	5	0.6	13.8	7.4	0.3	3.3	0.4	Exposed Aggregate	5.2	5.4	6.5	1.2	2.7	2	0.2	1.7	Exposed Aggregate	5.2	5.4	0.9	8.5	6.1	1.2	1.1	1	Exposed Aggregate	Reconstruct
6/19/2013	None	01M40-01	American Blvd	28th ave	South	Southwest	Perpendicular	Concrete	0		1.2	0.3	4	4	6	8	0.7	9	6.2	0.2	1.4	0.5	Exposed Aggregate	4	6	9.1	1	9.6	0.3	2.5	1.4	Exposed Aggregate	3.5	5.5	1.5	3.4	1.3	1.5	0.1	1.2	Exposed Aggregate	Reconstruct
6/19/2013	None	85L01-01	American Blvd	Metro dr	North	Northeast	Perpendicular	Concrete	0		6.7	0.9	12	7	5.4	4.5	6	9.6	1.7	4.5	0.1	4.4	Cast Iron	5	4.5	13.2	4.1	5.3	4.8	1.9	5.1	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/20/2013	None	01I14-02	American Blvd	Ikea	South	Southwest	Perpendicular	Concrete	0		0.2	0.2	5	10	7	5	1.9	3.5	10	0.7	0.3	0.5	Colored Concrete	11.5	4	5	0.5	9.4	0.6	1	0.5	Colored Concrete	7.5	5	0.4	1.7	1.2	0.3	1.4	1	Colored Concrete	Monitor
6/20/2013	None	01I15-02	American Blvd	Ikea	South	Southeast	Perpendicular	Concrete	0		0.4	1.7	5	9	6.5	4	0.6	3.5	10.2	1.9	3.6	0.6	Colored Concrete	4	4	4.9	1.6	2.3	1.8	1.5	2	Colored Concrete	9	8	1.6	4.6	6.5	0.3	0.3	0.1	Colored Concrete	Reconstruct
6/21/2013	None	01I06-01	American Blvd		South	Southwest	Perpendicular	Concrete	0		0	0	0	0	4.5	4	2	2	4.2	0.2	0.4	1	Colored Concrete	4.5	4	2	2	0.3	1	0.6	1.2	Colored Concrete	0	0	0	0	0	0	0	0	Cast Iron	Monitor
6/21/2013	None	01I07-01	American Blvd		South	Southeast	Perpendicular	Concrete	0		0.6	4.2	11	8.5	6.5	6	2.1	5	2.1	2	1.3	2.8	Colored Concrete	11	6	4.8	3.4	3.1	2.8	0.6	3.2	Colored Concrete	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/21/2013	None	01Z29-02	24th ave s	E 82nd st	East	Northeast	Perpendicular	Concrete	0	Signal Base	0	0	0	0	4.5	5	0.4	6	0.3	0.4	1.1	0.5	Tyned	5	5	5.8	0	5	1.9	2.6	1.1	Tyned	5	5	0.3	4.1	9	0.7	2	0.3	Tyned	Reconstruct
6/24/2013	None	01Z25-02	24th ave s	E 82nd st	West	Northwest	Diagonal	Concrete	0	Signal Base	2.9	0.8	15	6.5	6.5	4	2.1	9.7	9	1.7	0.6	1.4	None	5	4	7.3	2.6	6.4	0.8	1.5	1.2	None	5	4	0.4	8	1.8	1.1	0.5	1.5	None	Reconstruct
6/24/2013	None	02A25-01	24th ave s	E 82nd st	West	Southwest	Perpendicular	Concrete	0	Signal Base	1.6	1.6	6.5	5	6	5	2.3	6.4	3.1	3.4	0	1.1	Tyned	6.5	4	9.8	0.9	1	0.1	0.5	0.6	Tyned	7.5	4	0.5	3.9	1.5	1.7	3.1	1.8	Tyned	Reconstruct
6/24/2013	None	02Z29-01	24th ave s	E 82nd st	East	Southeast	Perpendicular	Concrete	0	Signal Base	0.5	3	8	8	6	6	3.3	11.1	5.7	1.4	2.9	0.5	Tyned	8	6	6.1	0.4	2.2	0.4	2.3	0.9	Tyned	8.5	5	2.9	5.7	2.1	0.2	3.6	0.5	Tyned	Reconstruct
6/26/2013	None	02M40-01	Old Shakopee Rd	28th ave	North	Northwest	Perpendicular	Concrete	0		0	0	0	0	6	5	1.3	3.6	1.9	0.1	1.1	0.5	Cast Iron	7	5	5.4	0.5	3.4	0.5	2	0.5	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/26/2013	None	02Z22-02	Old Shakopee Rd	E 86th st	East	Northeast	Diagonal	Concrete	0		1.7	1.5	5	6.5	5.5	6	2.2	9.5	2.6	1.4	0.3	1.5	Tyned	21.5	6	10.7	2.4	6.8	3.4	0.5	3.9	Tyned	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/26/2013	None	85X06-01	Old Shakopee Rd	33rd Ave S	North	Northwest	Perpendicular	Concrete	0		0.3	1.3	5.5	5	5.5	6	0.4	1.4	1.3	2.1	4.1	1	Colored Concrete	4.5	7	1.6	0.3	2.3	2.2	3.4	2.7	Colored Concrete	4.5	7	0.3	0.7	0	0.1	1.7	1.1	Colored Concrete	Monitor
6/26/2013	None	85X07-01	Old Shakopee Rd	33rd Ave S	North	Northeast	Diagonal	Concrete	0		0	0	0	0	4	5	3.5	2.3	2.2	3.2	3.2	3.3	Colored Concrete	4	5	0.7	6.6	2.3	6	0.5	4.5	Colored Concrete	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/26/2013	None	85X07-01	Old Shakopee Rd	33rd Ave S	North	Northeast	Perpendicular	Concrete	0		0	0	0	0	5	5	3.5	2.3	3.2	3.6	2.8	3.2	Colored Concrete	0	0	0	0	0	0	0	0	Colored Concrete	0	0	0	0	0	0	0	0	Cast Iron	
7/1/2013	None	23U13-02	Old Shakopee Rd	Glen view lane	West	Northwest	Perpendicular	Concrete	0		1.3	1.4	6.5	6	4	7	1.7	2.8	1.9	1.4	2.3	2	Cast Iron	5	7	5.7	0.3	0.6	0.6	1.6	0.3	Cast Iron	0	0	0	0	0	0	0	0	Cast Iron	None
7/2/2013	None	29Z52-02	E 98th st	Portland ave s	North	Northwest	Diagonal	Concrete	0		0.6	0.9	9.5	12.5	13	4	0.7	10.6	3.9	1.9	0.2	1.1	Cast Iron	16.5	6	9.1	0.3	0.5	0.5	4	0.4	Tyned	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
7/24/2013	None	40F01-01	France Ave S	Old Shakopee Rd	East	Southeast	Perpendicular	Concrete	0		0	0	0	0	6	6	0.9	0	2.3	1.9	1.3	1.6	Colored Concrete	4	6	0.7	4.2	2	2.4	2.6	1	Colored Concrete	4	6	1.3	1.3	5.2	0.8	1.5	1.1	Colored Concrete	Reconstruct
8/14/2013	None	37N38-01	Heritage hills dr	Johnson ave s	North	Northeast	Perpendicular	Concrete	0		0.9	1	4	4	12	6	3.4	0.3	4.4	4.6	0.7	5.4	Tyned	14	5	4.4	2.1	0	1.3	0.5	1.5	Tyned	0	0	0	0	0	0	0	0	Cast Iron	Reconstruct
6/13/2014	None	15n27-01	Xerxes av s	W 88th st	East	Southeast	Fan	Concrete			0.5	3.2	5	4	5	7	2.3	6.7	4.1	2.4	3.8	5.3	None	5	9	9.8	1.6	2.5	6.1	1.1	1.8	None	5	9	1.4	6.4	0	1.2	2.1	9	None	Reconstruct
5/28/2015	None	13U50-01	France Ave S	W 90th St.	North	Northwest	Parallel	Concrete	0		0	0	6.7	5	6.4	9.9	0.5	5.4	1.8	6	1.2	1.1	Cast Iron	5.2	10.6	1	0.2	0.7	2.5	1.9	0.5	Cast Iron	7.2	6	0.9	2.9	0	0.1	1.5	2	Cast Iron	
5/28/2015	None	13U52-02	France Ave S	W 90th St	North	Northeast	Parallel	Concrete	0		0	0	8	5.8	6.5	5.3	0.9	7.6	0.1	1.6	2	2	Cast Iron	4.8	5	4.2	0.8	0.7	4.4	0.6	2	Cast Iron	6	4.5	0.9	5.3	0.8	3.1	1.3	2.3	Cast Iron	
5/28/2015	None	13V50-02	France Ave S	W 90th St	South	Southwest	Parallel	Concrete	0		0.1	3.2	6	4.7	4.3	5	0.1	4.5	1.5	2.3	1.4	1	Cast Iron	5.2	4.5	5.9	1.1	0.8	0.5	0.8	0.7	Cast Iron	4.8	5	1.8	5	2	3.1	1.8	1.8	Cast Iron	
5/28/2015	None	13V52-01	France Ave S	W 90th St	South	Southeast	Parallel	Concrete	0		1.5	2.6	5.8	5.5	4.4	5.2	0.1	1.5	1.3	1.9	1	1.3	Cast Iron	6	5.1	11.5	1.2	0.5	6.3	1.2	3.4	Cast Iron	7.6	5	0.7	6.3	0.9	0.4	0.9	1.5	Cast Iron	
7/28/2015	None	4.00E+02	France Ave S	Old Shakopee Rd	East	Northeast	Perpendicular	Concrete	0	Signal Base	1	2.2	20	6	5	6	1.9	7.3	0.1	5.5	2	3.3	Colored Concrete	8	6	4.3	1.1	0.7	4.7	1.7	1.7	Colored Concrete	10	6	2.3	3.5						
7/28/2015	None	40F01	France Ave S	Old Shakopee Rd	East	East	Perpendicular	Concrete	0	Hydrant	1.5	5.3	3.5	10.5	5.5	6	0.1	0.3	3.7	3.4	1.7	0.4	Colored Concrete	5	6	3	0.4	0.5	2.1	0.9	2.9	Colored Concrete	4.5	6	1.6	2.2						

Date	Project Number	Curb Ramp ID	Street Name	Nearest Cross Street(s)	Side of Street	Corner of Intersection	Curb Ramp Type	Surface Material Type	Distance to Fixed Object (ft)	Fixed Object Type	Ramp 1 Length (ft)	Ramp 1 Width (ft)	Ramp 1 Slope X (%)	Ramp 1 Slope S (%)	Gutter 1 Slope X (%)	Gutter 1 Slope S (%)	Pavement 1 Slope X (%)	Pavement 1 Slope S (%)	Tactile Warning	Landing Slope X (%)	Landing Slope S (%)	Landing Length (ft)	Landing Width (ft)	Overall Length from Curb (ft)	Ramp 2 Length (ft)	Ramp 2 Width (ft)	Ramp 2 Slope X (%)	Ramp 2 Slope S (%)	Gutter 2 Slope X (%)	Gutter 2 Slope S (%)	Pavement 2 Slope X (%)	Pavement 2 Slope S (%)	Tactile Warning	Recommended Action
11/21/12	2012-101	12L02	W 84th St	Normandale service road	North	North	One Way Directional	Concrete	0		4	5	1.4	0.5	3	0.9	3.8	1.8	Cast Iron	0	0	0	0	0	3.7	4.5	1.7	1.5	1.9	2.9	1.3	1.1	Cast Iron	None
04/26/13	2012-101	12b05	American Blvd	W 82nd St			Two Way Directional	Concrete	0		3	4	0	2	0.7	2.7	1.2	2.8	Cast Iron	0	0	0	0	0	0	0	0	0	0.8	0.4	0.1	1	None	None
05/28/13	None	60Z29-01	West bush lake rd	West 86th st	North	North	Perpendicular	Concrete	0		3	12.6	0.4	3.4	2.9	0.5	2.8	0.4	Cast Iron	0	0	0	0	0	3	12.6	0.4	3.4	1.9	0.6	3	0.4	Cast Iron	None
06/10/13	None	70Z15 -01	Bloomington ferry rd	Pioneer trail	North	North	One Way Directional	Concrete	0		4	5	4	4.1	7.6	3.8	1.3	3.3	None	0	0	0	0	0	4.3	5	2.3	3.6	2.4	2.1	1.7	3.9	None	Reconstruct
06/24/13	None	02A40-01	E 82nd st	28th ave s	West	West	Perpendicular	Concrete	0		6	4	1	2.2	5.1	1	2.4	0.8	Colored Concrete	0	0	0	0	0	6.5	4	2.6	7.2	6.2	1	3	1.4	Colored Concrete	Reconstruct
06/12/14	None	15Z33-02	Vincent Pl	W 90th St	West	North	Perpendicular	Concrete	3	Paved Landscaping	7	5	0.9	2.4	0	0	1.4	4.1	Cast Iron	0.2	2	8.5	5	7	6.5	5	0.4	0.5	0	0	0.7	4.4	Cast Iron	None
05/27/15	None	13A50-02	France Ave S	Irwin	West	West	Perpendicular	Concrete	0.6	Street Sign	4.2	10.5	0.4	9.4	0	0.3	0.3	1.3	None	3	4.5	4.5	10.2	10	6.4	10.4	1.5	6.3	1.7	2.3	0.3	2.3	None	
06/08/15	None	29V05-02 and 29V05-03	W 97th ST	Garfield	South	South	Perpendicular	Concrete	0		6.6	10	0.2	2.4	1	0.5	0.8	1.5	Cast Iron	0	0	0	0	0	6	10	0.5	0.7	0.7	2	2	2.2	Cast Iron	

Timeline for removing barriers – Placeholder

Figure 3.2: *ATP System*

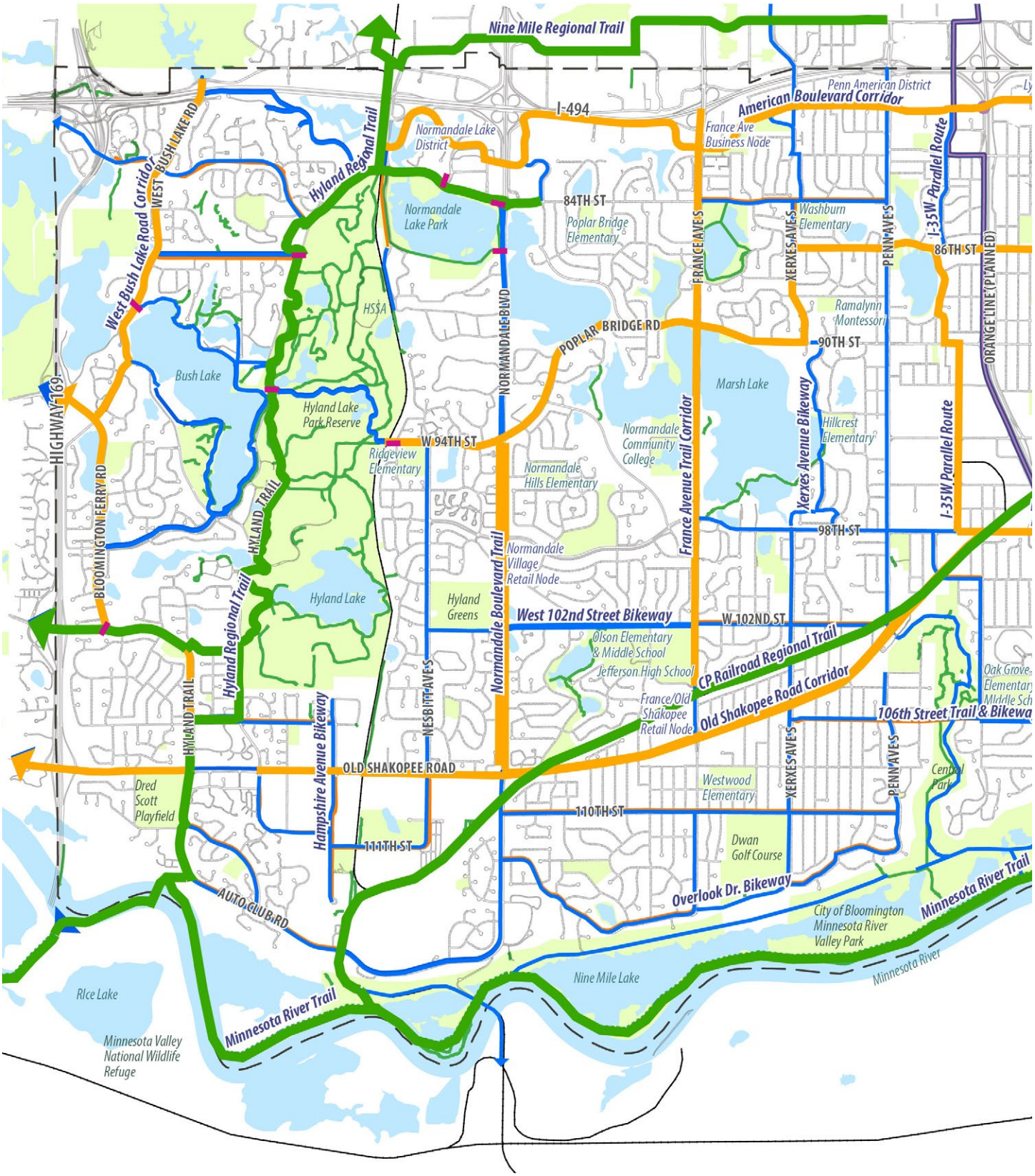


This plan does not prescribe specific facility types (trail, sidewalk, bike lanes, etc.) for the planned routes, but does makes general recommendations for routes that may be suitable for an on-street versus off-street facilities. Decisions about what facility type is appropriate for a given route should be made in light of the specific context and constraints of that route, cost factors, public input, and other considerations.

See p. 3-12 for a general discussion of alternative transportation facility types that may be implemented in the city.

I-494
Lyndale Ave Area Retail Node
Mall of America Retail Node
South Loop District
Minnesota Valley National Wildlife Refuge Headquarters
Smith Park
HIGHWAY 77
BLUE LINE
RED LINE (PLANNED)
ORANGE LINE (PLANNED)
LYNDALE AVE S
NICOLLET AVE S
PORTLAND AVE S
OLD CEDAR AVE S
6TH ST
Lyndale Ave Retail/Business Node
Valley View Elementary & Middle School
Minnesota DNR (Fort Snelling Park)
Long Meadow Lake
Kennedy High School
Lyndale Ave Retail Node
OLD SHAKOPEE ROAD
Indian Mounds Elementary
I-35W
E 102ND ST
Oak Grove Elementary & Middle School
106TH ST
Black Dog Lake
Minnesota Valley National Wildlife Refuge
Controlled Crosswalk with Pedestrian Improvements Recommended
Uncontrolled Crosswalk with Enhancements Recommended
Crosswalk Enhancement Installed
Grade-separated Crossing (proposed and existing)
Proposed Off-Street Trails
Proposed On-Street Trails
Proposed Facility, Undetermined
Existing Off-Street Trails
Existing On-Street Facility
Existing Park Trails
Planned Minnesota River Trail
Transit Centers
Park & Ride Lots
Transitways and Stations
Bloomington Municipal Boundary
Railroad
Open Water
Parks
0
0.5
1
Miles

Figure 3.3: *ATP System - By Facility Type*



The ATP system defines the core network of regional trails, community corridors, and local connections that will connect residents and visitors to key destinations in the City and adjoining communities. The key destinations and key alternative transportation routes identified in the ATP system respond to recommendations, priorities, and concerns voiced by a wide range of stakeholders, representing those who live, work, and recreate in the City of Bloomington.

I-494
American Boulevard Corridor
Lyndale Ave Area Retail Node
Mall of America Retail Node
South Loop District
Minnesota Valley National Wildlife Refuge Headquarters
BLUE LINE
Smith Park
Intercity Trail
HIGHWAY 77
CP Railroad Regional Trail
LYNDALE AVE S
NICOLLET AVE S
PORTLAND AVE S
86TH ST
ORANGE LINE (PLANNED)
RED LINE (PLANNED)
Lyndale Ave Retail/Business Node
Valley View Elementary & Middle School
Minnesota DNR (Fort Snelling Park)
Long Meadow Lake
OLD CEDAR AVE S
Portland Avenue Bikeway
I-35W Parallel Route
Minnesota River Trail
Intercity Trail
Lyndale Ave Retail Node
Kennedy High School
OLD SHAKOPEE ROAD
Indian Mounds Elementary
& East 102nd Street Bikeway
I-35W
Lyndale Ave
Oak Grove Elementary & Middle School
Black Dog Lake
Minnesota Valley National Wildlife Refuge
Regional Trails
Community Corridors
Local Connections
Existing Park Trails
Grade-separated Crossing (proposed and existing)
Transitways and Stations
Bloomington Municipal Boundary
Railroad
Open Water
Parks
0
0.5
1
Miles