EVALUATION AND RECOMMENDATIONS REPORT

Complete Streets Prioritization Plan
Ayer, MA

March 2017

Prepared for:

Town of Ayer
1 Main Street
Ayer, MA 01432

Prepared by:

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1.0 Introduction

1.1 Overview

The Town of Ayer retained WorldTech Engineering LLC to provide engineering services to assist the Town in establishing a baseline inventory and performs a condition assessment program to be used in the development of the Town's Complete Streets Prioritization Plan in accordance with MassDOT's Complete Streets Funding Program guidelines. The scope of the work included collecting and analyzing field data on infrastructure assets strictly pertinent to the development of a multi-year Capital Improvement Plan (CIP) to assist the Town in the implementation of recommendations with respect to Complete Streets. Data collection focused on identifying gaps in the Town's pedestrian and bicycle network, focusing on locations linking schools, recreational facilities, public buildings, public and senior housing, and commercial centers. Through a collaborate effort with the Town's Planning, Public Works, and Police departments, projects were identified for inclusion on the Complete Streets Prioritization Plan based on the resulting data analysis, prior local and regional studies, and the MAPC Local Access Score tool.

1.2 MassDOT Complete Streets

As described in the MassDOT Complete Streets Funding Program Guidance, a complete street is one that provides safe and accessible options for all travel modes (walking, biking, transit, and motorized vehicles) for people of all ages and abilities. Complete Street implementation may vary from small scale improvements such as adding "share the road" signs to alert motorists that bicycles are using the roadway, to large scale improvements such as roadway widening and sidewalk construction to provide enhanced pedestrian accommodations. Research has shown that the implementation of Complete Street elements promotes safer and more convenient access and travel for people of all abilities. Additional benefits include:

- Provides an efficient transportation system;
- Provide reliable public transportation;
- Enhance the livability and walkability of the community;
- Promote the use of public transportation;
- Encourage healthier and more energy efficient options such as walking, biking, and transit;
- Reduction in greenhouse gas emissions that improve air quality, etc.;
- Economic benefits through higher property values and increased business revenues.

While Complete Streets provide the community with many valuable benefits including those listed above, it is recognized that there may be various obstacles that create challenges in implementing many of the features of a "Complete Street". They include;

- Existing features or Right-Of-Way constraints;
- Fiscal constraints;
- Environmental constraints;
- Emergency vehicle access, event management, incident management;
- Public Works operational requirements (snow storage, etc.);
- Roadways involving ownership by multiple jurisdictions.

The Complete Streets Funding program offered by MassDOT is organized into three (3) tiers. Tier 1 is designed to provide guidance for municipalities in developing a Complete Streets Policy. Representatives from the Town attended a Complete Streets workshop during the development of the policy. The Town of North Reading's Complete Street Policy was approved by MassDOT and adopted by the Board of Selectmen in May, 2016. Tier 2 of the program provides technical assistance for municipalities to determine its Complete Streets needs in support of the development of a Complete Streets Prioritization Plan. This report and the methodology contained herein were completed under this phase of the program. Subsequent to approval of the Complete Street Prioritization Plan by MassDOT, the Town will be eligible for up to $400,000 in construction funding for the implementation of Complete Streets infrastructure projects included in the Prioritization Plan. The funding applications can include multiple projects or a single project. Allowable uses for the funding award fall under four major categories of improvements including:

1. Traffic and Safety;
2. Bicycle Facilities;
3. Pedestrian Facilities;
4. Transit Facilities

Criteria for the award of potential funding is based on the following:

- How well the project encompasses and accomplishes the various Complete Street goals in terms of safety, connectivity, mobility and accessibility;
- Equity of Town-wide median household incomes at or below the statewide average, gateway communities, and environmental justice/Title VI areas;
- Geographic distribution of funding;
- Number of submitted projects;
- Available funding

1.3 Community Profile

The Town of Ayer is a predominantly suburban community which includes a total population of 7,427 (2010 MassDOR Municipal Databank), and a land area of approximately 9.5 square miles, which yields a population density of 825 persons per square mile. There are approximately 67 centerline miles of roadway in Town, of which 37 miles are Town-owned, and the remainder, are under the jurisdiction of the Massachusetts Department of Transportation (MassDOT), Department of Conservation and Recreation (DCR), Military, Private, and currently Unaccepted.

2.0 Methodology

The Field Inspection program required an organized approach. The approach included;

- GIS layer creation for the location and condition of sidewalks, bicycle routes, and related infrastructure;
- GIS layer creation for wheelchair ramps and access inventory, their conditions and compliance with American Disability Act (ADA);
- GIS layer creation for crosswalk and access inventory, their condition and compliance with ADA;
- Identification of locations of transit network gaps and obstacles to implementing Complete Streets concepts at the location.

2.1 Database Set-up and Mapping

WorldTech utilizes a Microsoft Access database coupled with ArcGIS mapping to set-up, collect, analyze, and display data provided by the Town and information collected in the field. ArcGIS is primarily utilized for base mapping, and as the main tool used in collecting data in the field. Roadway centerline layers, parcel data, and 30cm Orthophotography are imported from the MassGIS website and represent the primary base mapping tools needed for accurate field data collection. Secondary layers include open space areas, schools, hospitals, bike paths, etc.

Determining the validity of this planimetric data is an important first step in setting up the database and mapping elements of the project. A custom Microsoft Access and GIS selection interface tool was developed. This enables point and attribute data to be stored simultaneously in both a Microsoft Access database and ArcGIS environment. This also allows the field data to be collected in a format that can be easily integrated and coordinated with the Town's existing Pavement Management Program. The Access database is primarily used to store, tabulate, and analyze the collected data used in association with this report and attached appendices.

2.2 Field Data Collection Program

To establish a baseline assessment of gaps in the Town's pedestrian and bicycle networks, public roadways in the Town were inspected to collect relevant sidewalk, wheelchair ramp, and crosswalk data. A point feature was created for each wheelchair ramp and a line feature was created for crosswalks and sidewalks, respectively. These features were created in ArcMap using a field laptop; spatially located using the base mapping as a reference. The attribute data collected includes;

Sidewalks (Line Feature)

- Length and Width;
- Material (Concrete, Asphalt, Brick, Mix);
- Condition (Good, Fair, Poor)

Ramps (Point Feature)

- Street and Intersecting Street;
- Types (Parallel, Perpendicular);
- Condition (Good, Fair, Poor);
- Material (Concrete, Bituminous, Brick);
- Obstructions;
- Ramp Opening Width (In.);
- Ramp Slope (%);
- Transition Length (In.);
- Transition Slope (%);
- Top Landing (In.);
- Bottom Landing (In.);
- Detectable Warning Panel;
- Number of Crosswalks;
- Priority Type and Location (School, Church, High Volume, Etc.);
- ADA Compliant (Yes, No, Retrofit)

Crosswalks (Line Feature)

- Length and Width;
- Striping Width;
- Striping Color and Inside Color;
- Control type and details (Signalized, Stop Sign, Yield Sign, Ped. Sign, None);
- Crosswalk type (Continental, Parallel, Ladder);
- Marking Type and Condition;
- Roadway Condition (Good, Fair, Poor);
- Obstructions

Physical inspection and measurements aided in the determination of sidewalk and crosswalk conditions, including ADA compliance (Table 1).

Crosswalk attribute measured in the field was categorized as shown in the table below;

Table 1: Crosswalk Field Attributes

Attributes	Categories				
Crosswalk Type	Continental	Ladder	Parallel		
Traffic Condition	Flashing Sign	Ped. Sign	Stop Sign	None	
Crosswalk Inside Color	Yellow	White	Red	None	
Stripping Width	0.5’	1’			
Crosswalk Width	5’	6’	7’		
Marking Condition	Good	Fair	Poor		
Roadway Condition	Good	Fair	Poor		
Obstruction	Catch Basin	Manhole	Watergate	None	
Priority Location	Community Center	High Volume	School	Senior Housing	None

The Ramp data and attributes measured in the field are categorized as shown in the table below and measurements made in the field were compared to the MassDOT standards to determine if the ramps are in compliance.

Table 2: Wheelchair Ramp Attributes

Attributes	Categories				
Ramp Type	Parallel	Perpendicular			
Ramp location	Apex	Tangent			
Ramp Material	Concrete	Bituminous			
Priority Location	Community Center	High Volume	School	Senior Housing	Non-Priority
Alignment with Crosswalk	Aligned	Non-Aligned			
Obstruction	Curb	Catch Basin	Manhole	Pole	None
ADA Compliance	Compliant	Non-Compliant			

3.0 Summary of Findings

The sidewalk, crosswalk, and ramp databases created provide key information regarding the unique identity and conditions of individual elements that will be useful to the Town moving forward to Tier 3 (Project Construction Funding) of the Complete Streets Funding Program. The information gathered will assist the Town create a roadmap for future infrastructure improvement projects. While the Town's goal of this current program is to receive funding to implement Complete Streets projects, the data collection and analysis completed (using Mass DOT Construction Standard details – Table 3) in this phase of the program will serve as a useful tool as the Town seeks to implement many of the improvements identified to enhance the livability of the community now and in the future. Detailed inventory reports are included in Appendix C.

Table 3: Standard Wheelchair Ramp Attributes

Type	Attributes	Standard Measurement
Wheelchair Ramps on Less than 12'-4'' Sidewalk	Ramp Slope	7.5% MAX
	Transition Slope	7.5% MAX
	Ramp Width	5'-0" MIN
	Low Side Transition Length	6'-6"
	Top Landing/Slope	4'-0'/1.5%
	Detectable Panel	2'
Wheelchair Ramps on narrow Sidewalk	Ramp Slope	1.5%
	Transition Slope	7.5 MAX
	Ramp Width	5'-0" MIN
	Low Side Transition Length	6'-6"
	Top Landing/Slope	-
	Detectable Panel	2'
Wheelchair Ramps on Greater than 12'-4'' Sidewalk	Ramp Slope	7.5% MAX
	Transition Slope	7.5% MAX
	Ramp Width/Length	5'-0" MIN /4'-0" MIN
	Low Side Transition Length	6'-6"
	Top Landing/Slope	4'-0"/1.5%
	Detectable Panel	2'
Wheelchair Ramps for one continuous direction of Pedestrian travel	Ramp Slope	7.5% MAX
	Transition Slope	-
	Ramp Width	3'-0" MIN
	Low Side Transition Length	6'-6"
	Top Landing/Slope	-
	Detectable Panel	2'

3.1 General Findings

3.1.1 Sidewalks

Sidewalks are provided along a total of 15.2 (42%) miles of roadways under Town jurisdiction. Of these, the total mileage of roadway with sidewalk on both sides is 6.2 miles, and an additional 8.9 miles of roadway have sidewalks on one side only (Figure 1).

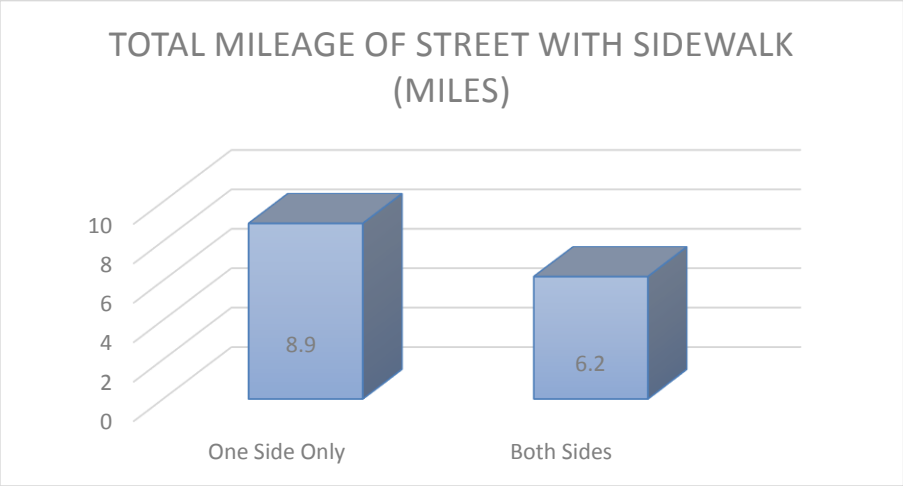

Figure 1: Street Mileage with Sidewalk on one or both sides

Of the Sidewalks analysed, 13% are found to be in excellent or good condition, 51% in fair condition and 36% in poor condition. Figure 2 summerises the condition of sidewalk analysed.

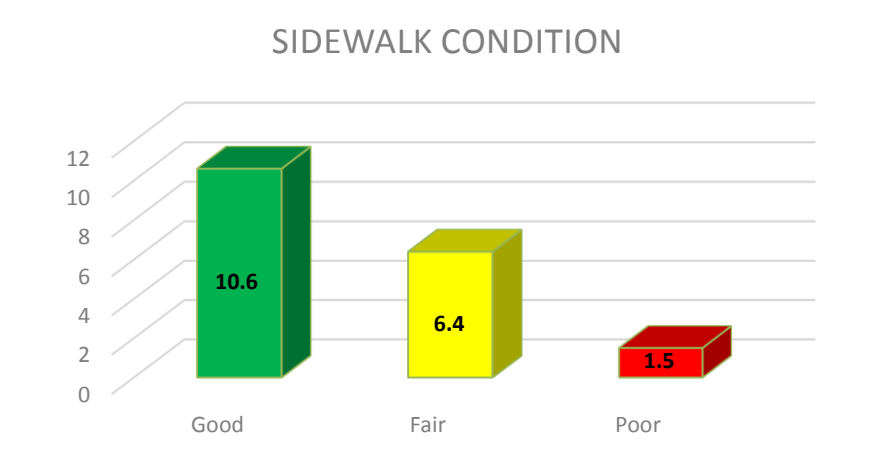

Figure 2: Sidewalk Condition

Pedestrians network gaps were identified based on the lack of existing sidewalk or existing sidewalks which are in poor condition. There are numerous roadway segments that have sidewalk network gaps, which will be addressed in the project recommendation section starting on page 12.

3.1.2 Wheelchair Ramps

There is a total of 228 ramps in the town, 5 (2%) of which are ADA compliant, 223 (98%) are non-compliant. 138 (61%) ramps are parallel type while 90 (39%) are perpendicular; five are apex ramps, and 223 (98%) are tangent ramps.

Material classification shows that 154 (68%) ramps are bituminous concrete (asphalt) while 74 (32%) are cement concrete. For priority locations, only four ramps (non-ADA compliant) were located near community centers, 24 (non-ADA compliant) at high volume areas, 12 (non-ADA compliant) in school areas, and 2 (non-ADA compliant) were located near Senior Housing. Forty (40) of the ramps are aligned with crosswalk. Three ramps were found to be obstructed by vertical curb; one ramp is obstructed by a catch basin; 2 ramps have manhole castings within the limits of the ramps; 7 ramps are obstructed by utility poles. The remaining 215 ramps are not obstructed.

Figure 3: Priority Locations

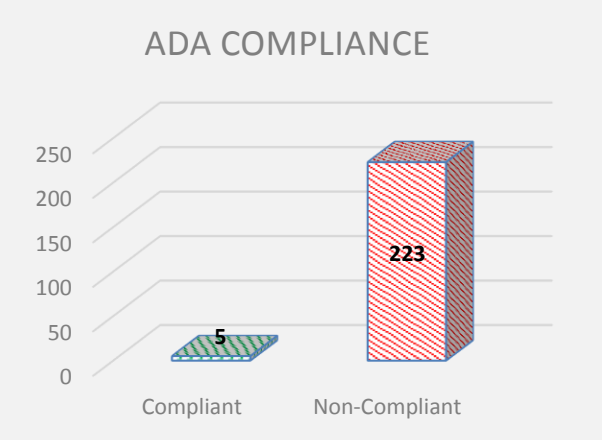

Figure 4: ADA Compliance

3.1.3 Crosswalks

Field verification of crosswalks show a total of 53 marked crosswalks in the town; 47 (88%) are parallel, 3 (6%) are continental, and 3 (6%) are ladder type (Table 4); the crosswalk line is generally white and width varying from 6 to 12 inches. The inside color is either red, white, or yellow; crosswalk width varies from 5' to 7'.

With respect to traffic control at crosswalks, 1 crosswalk (2%) is controlled by a flashing sign, 15 (28%) have pedestrian warning signs, and 16 (30%) are stop-sign controlled. 21 crosswalks (40%) were found to be in poor condition, 23 (43%) in fair condition and 9 (17%) in good condition. Roadway condition is good at 21 crosswalks (40%), fair at 31 crosswalks (58%) and poor at 1 crosswalk (2%). There are no obstructions on 45 (85%) crosswalks, catch basins in 2 (4%) crosswalks, manhole and water gate castings in 5 (9%) crosswalks. One crosswalk (2%) is near a senior housing facility, 5 crosswalks (9%) are located near schools, and 21 crosswalks (40%) are in other areas with high pedestrian volumes. Crosswalk condition, traffic control, and priority locations are summarized in Figures 5 through 7.

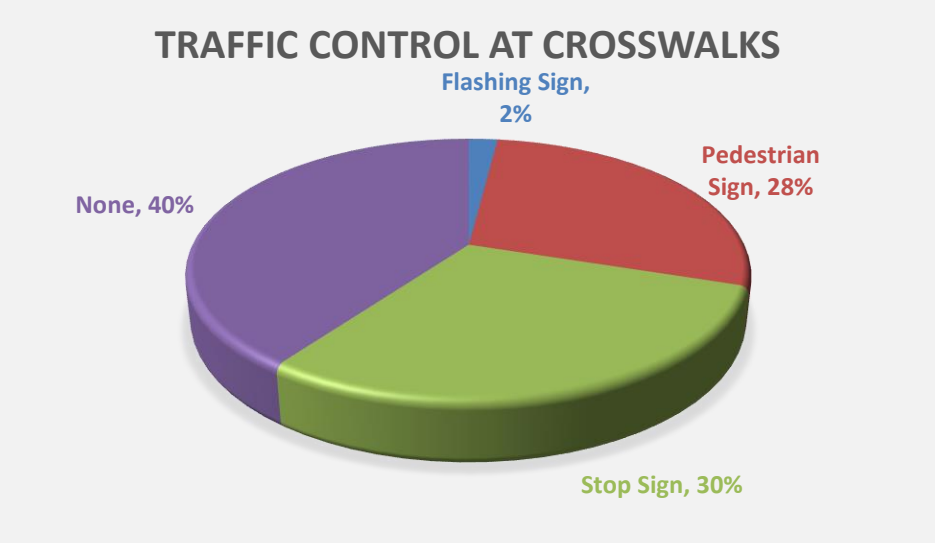

Figure5: Summary of Crosswalk Marking Condition

Crosswalk Types	Number
Parallel	47
Continental	3
Ladder	3

Table 4: Summary of Crosswalk Types

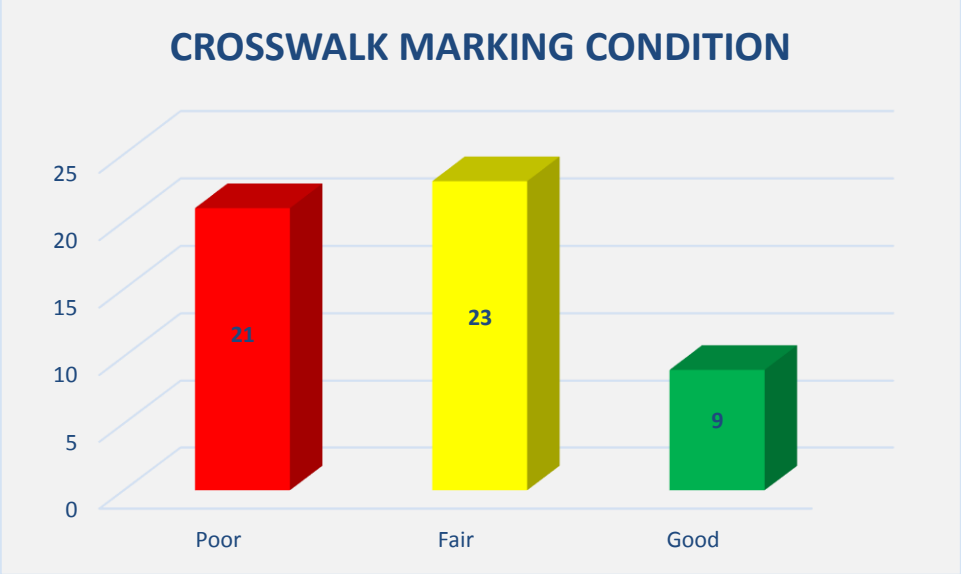

Figure 6: Summary of Crosswalk Marking Condition

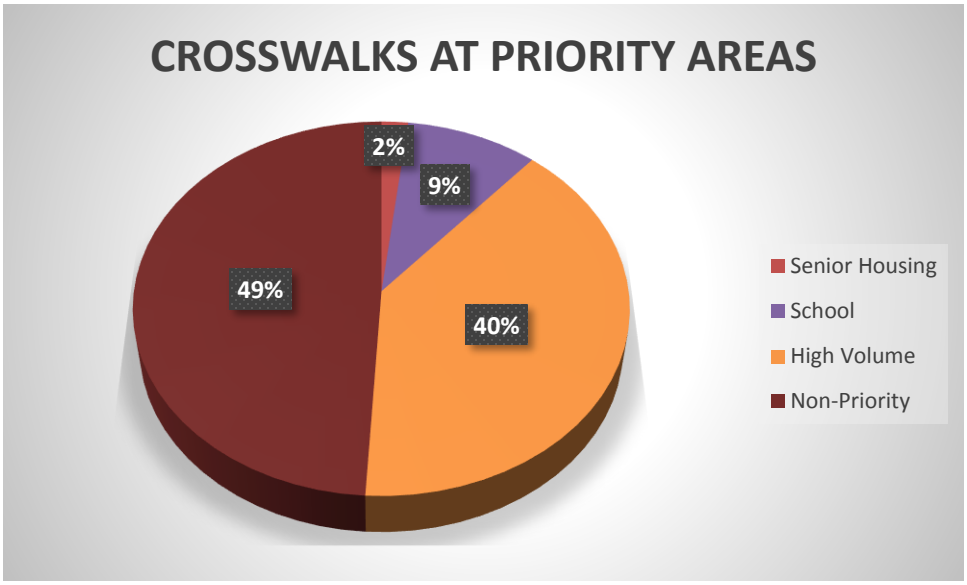

Figure 7: Summary of Crosswalks at Priority Locations

4.0 Recommendations

Analysis of Complete Streets field data identifies streets with poor pedestrian and bicycle accommodation which includes; Sidewalk network gaps, poor crosswalk condition and ADA accessibility. The combination of priority streets identified by the Town, analysis of field data, and information acquired from MAPC Local Access tool resulted in the following recommendations for Complete Street Infrastructure projects. These projects are summarized in the Complete Streets Prioritization Plan submitted to MassDOT, included in Appendix A of the report. Order of magnitude cost estimates for each project may be found in Appendix B.

1. Washington Street Phase 1 (Nashua Street to Moore Drive - 0.454 miles):
PCI: 85 Width: 28ft ROW: 40ft Speed Limit: 25-35 MPH
Walk to School Utility Score: 1.08
Total Project Cost: $318,000 *Other Funding Source: $13,000*
Complete Streets Funding Component Requested: $305,000

Washington Street serves as a school pedestrian route to Page Hilltop Elementary School and Ayer Shirley Regional High School, both located on Washington Street. It has existing sidewalk along both sides of the street from Main Street with condition varying from good to poor. The odd sidewalk ends at Page Hilltop Elementary School while the even sidewalk ends at the Groton Harvard Road intersection. The recommended rehabilitation on Washington Street is split into three phases. Sidewalk replacement on the even side, non-ADA ramps and crosswalks upgrade are recommended from Nashua Street to Moore Drive for Phase one.

2. Washington Street Phase 2 (Nashua Street to Cambridge Street - 0.388 miles):
Total Project Cost: $482,000 *Other Funding Source: $82,000*
Complete Streets Funding Component Requested: $400,000

Sidewalk replacement on the even side, non-ADA ramps and crosswalks upgrade are recommended from Nashua Street to Cambridge Street for Phase two.

3. Washington Street Phase 3 (Cambridge Street to Main Street - 0.098 miles):
Total Project Cost: $139,000 *Other Funding Source: $0*
Complete Streets Funding Component Requested: $139,000

Sidewalk replacement on the even side, non-ADA ramps and crosswalks upgrade are recommended from Cambridge Street to Main Street for Phase three.

4. Sandy Pond Road (Traffic Circle to Westford Road Intersection – 1.75 miles)
PCI: 67-98 Width: 25-32ft ROW: 50-60ft Speed Limit: 30-35 MPH
Walk Utility Score: 0.15 Bike Utility Score: 0.67 Composite Utility Score: 0.36
Total Project Cost: $369,000 *Other Funding Source: $351,000*
Complete Streets Funding Component Requested: $18,000

As indicated by the Town, a marked crosswalk is required at the intersection of Sandy Pond Road and Snake Hill Road. Also, Sandy Pond Road requires a shared lane marking as well as bike sign installations.

5. Main Street (West Main Street to East Main Street - 0.467 miles)
PCI: 50-80 Width: 30ft ROW: 54ft Speed Limit: 25 MPH
Walk Utility Score: 3.35 Bike Utility Score: 1.59 Composite Utility Score: 3.14
Total Project Cost: $296,000 *Other Funding Source: $254,000*
Complete Streets Funding Component Requested: $42,000

Main Street is in a high pedestrian volume business district with access to the Town Hall, United States Postal Office, Transit Station, etc. There are sidewalks on both sides of the street with condition varying from fair to good and crosswalks are marked at varying intervals. All the wheel chair ramps on Main Street require replacement. Main street, a bicycle route as noted by the Town, and verified using the MAPC local access score, requires a marked shared lane and bike signs to alert motorists of bicycle presence and alert all road users of the presence of bikeway routes. In addition, Pedestrian signal is recommended at West Street Intersection.

6. School Street (East Main Street to Bligh Street – 0.124 miles)
PCI: 66 Width: 23ft ROW: 36ft Speed Limit: 30 MPH*
Walk Utility Score: 0.137
Total Project Cost: $117,000 *Other Funding Source: $28,000*
Complete Streets Funding Component Requested: $89,000

School Street has sidewalk on only one side (odd side) of the street from East Main Street to Grove Street and network gap between Grove Street and Bligh Street. Replacement of the existing Sidewalk as well as installation of new sidewalk from Grove Street to Bligh Street is recommended to eliminate network gap.

7. West Main Street (Park Street to Harvard Town Line – 0.94 miles)
PCI: 57-88 Width: 34ft ROW: 50ft Speed Limit: 25-45 MPH
Walk Utility Score: 2.84 Bike Utility Score: 1.35 Composite Utility Score: 2.74
Total Project Cost: $177,000 *Other Funding Source: $132,000*
Complete Streets Funding Component Requested: $45,000

West Main Street as the name indicates, connects to Main Street from the west, conveying people (motorists, pedestrians and bicyclists) to and from the Central Business District and the Downtown. The sidewalk condition on both sides of West Main Street varies from fair to good. The even sidewalk terminates at Macpherson Road while the odd side terminates approximately 1,270 feet before Macpherson Road. All non-ADA compliant wheelchair ramps along the street from Park Street to Rogers Street is recommended for replacement while a shared lane marking as well as bike signs installation for bicycle accommodation and safety is recommended from Park Street to Harvard Town Line.

8. East Main Street (Main Street to Traffic Circle – 0.492 miles)
PCI: 51-79 Width: 22 ft-26ft ROW: 50ft Speed Limit: 25-30 MPH
Walk Utility Score: 1.04 Bike Utility Score: 0.99 Composite Utility Score: 0.96
Total Project Cost: $1,664,000 *Other Funding Source: $1,618,000*
Complete Streets Funding Component Requested: $46,000

Like West Main Street, East Main Street connects to Main Street from the East, conveying all road users to and from the Central Business District with sidewalk on both sides (in fair condition). All non-ADA wheelchair ramps on East Main Street are recommended for replacement with ADA compliant wheelchair ramps, shared lane and bike signs are also recommended for bicycle accommodation and safety given its recognition as bike route by the Town, and verified using the MAPC local access score.

9. Park Street (Main Street to Fitchburg Road – 0.625 miles)
PCI: 82 & 90 Width: 18ft & 24ft ROW: 40ft Speed Limit: 25-30 MPH
Walk Utility Score: 0.98 Bike Utility Score: 0.75 Composite Utility Score: 1.03
Total Project Cost: $30,000 *Other Funding Source: $18,000*
Complete Streets Funding Component Requested: $12,000

Park Street, especially from West Main Street to Brook Street is in a business district (including fire station and Ayer Police Department) characterized with high pedestrian volume. There is sidewalk on the even side of the street from West Main Street to Fitchburg Road with condition varying from fair to good. Ramps at the intersection with West Main Street and at midblock require replacement with ADA compliant wheel chair ramps. Due to the width of the travel lane, a bike lane is not feasible but bicycles can be accommodated by a shared lane to indicate mixed traffic and alert motorist of the potential presence of bicycles. To further ensure bike safety, bicycle and speed monitoring signs are recommended.

10. Snake Hill Road (Sandy Pond Road to Fox Run Drive – 0.237 miles)
PCI: 51 & 96 Width: 13-20ft ROW: 25-30ft Speed Limit: 25 MPH
Walk Utility Score: 0.05
Total Project Cost: $226,000 *Other Funding Source: $42,000*
Complete Streets Funding Component Requested: $184,000

As requested by the Town, installation of sidewalk on the even side from the Sandy Pond Road Intersection to the existing sidewalk on Snake Hill Road, to provide access to the Town Beach is recommended.

11. Church Street (Grove Street to Faulkner Street – 0.078 miles)
PCI: 60 Width: 20ft ROW: 28ft Speed Limit: 30 MPH*
Walk Utility Score: 0
Total Project Cost: $70,000 *Other Funding Source: $15,000*
Complete Streets Funding Component Requested: $55,000

Sidewalk condition on the even side of Church Street (the only sidewalk on the street) is in a poor condition. Hence, the sidewalk requires replacement and the connecting wheel chair ramp at Faulkner street replaced with an ADA compliant wheelchair ramp.

12. Old East Main Street/Faulkner Street (Main Street to Linden Court – 0.068 miles)
PCI: 51 & 80 Width: 31ft ROW: 50ft Speed Limit: 30 MPH*
Walk Utility Score: -
Total Project Cost: $78,000 *Other Funding Source: $20,000*
Complete Streets Funding Component Requested: $58,000

From Main Street to Linden Court on Old East Main Street, the sidewalk on the even side of the street is in a poor condition. Hence, replacement is recommended.

13. Oak Street (East Main Street to Grove Street – 0.089 miles)
PCI: 28 & 65 Width: 16ft & 20ft ROW: 32ft Speed Limit: 30 MPH*
Walk utility score: 0
Total Project Cost: $76,000 *Other Funding Source: $18,000*
Complete Streets Funding Component Requested: $58,000

Replacement of the poor sidewalk on the even side of Oak Street from East Main Street to Grove Street is recommended.

14. High Street (Holmes Street to Norwood Avenue – 0.106 miles)
PCI: 59-87 Width: 23ft ROW: 36ft Speed Limit: 30 MPH*
Walk Utility Score: 0.07
Total Project Cost: $96,000 *Other Funding Source: $31,000*
Complete Streets Funding Component Requested: $73,000

High Street has sidewalk from Holmes Street to midblock between Lincoln Street and Norwood Avenue on the odd side and from Winthrop Avenue (westbound) to midblock before Norwood Avenue on the even side. The sidewalk conditions range from fair to poor and the network gaps are due to various obstructions. Replacement of the existing poor sidewalk from Holmes Street to midblock and extension to Norwood Avenue is recommended.

15. William Street (Washington Street to Holmes Street – 0.126 miles)
PCI: 66 Width: 22ft ROW: 32ft Speed Limit: 30 MPH*
Walk Utility Score: 0.06
Total Project Cost: $120,000 *Other Funding Source: $28,000*
Complete Streets Funding Component Requested: $92,000

William Street has sidewalk only on the even side with condition ranging from fair to poor. Replacement of the existing even sidewalk from Washington Street to Holmes Street is recommended.

16. Sandy Pond Road (Snake Hill Road to Westford Road – 0.919 miles)
PCI: 67-98 Width: 25-32ft ROW: 50-60ft Speed Limit: 30-35 MPH
Walk Utility Score: 0.15 Bike Utility Score: 0.67 Composite Utility Score: 0.36
Total Project Cost: $936,000 *Other Funding Source: $536,000*
Complete Streets Funding Component Requested: $400,000

As indicated by the Town, Installation of new sidewalk is recommended from Snake Hill Road to Westford Road.

17. Grove Street (Forest Street to Elm Street – 0.133 miles)
PCI: 58 & 72 Width: 21ft ROW: 36ft Speed Limit: 30 MPH*
Walk Utility Score: 0
Total Project Cost: $226,000 *Other Funding Source: $42,000*
Complete Streets Funding Component Requested: $184,000

On Grove Street, there is sidewalk on both sides from Forest Street to Elm Street, in poor condition, hence, replacement is recommended as well as installation of ADA compliant ramps and crosswalk.

18. Groton Harvard Road/ Old Groton Road (East Main Street to Groton Town Line – 1.7 miles)

PCI: 37-100 Width: 25-26ft ROW: 40ft Speed Limit: 25-35 MPH
Walk Utility Score: 2.24 Bike Utility Score: 0.39 Composite Utility Score: 1.85
Total Project Cost: $73,000 *Other Funding Source: $64,000*
Complete Streets Funding Component Requested: $9,000

As indicated by the Town, a shared lane marking as well as bike sign installations are required on Groton Harvard Road. A bike rack installation is also required at the intersection with School Drive.

19. Fletcher Street (Maple Street to East Street – 0.19 miles)

PCI: 54 & 73 Width: 31ft ROW: 50ft Speed Limit: 30 MPH* Walk Utility Score: 0.15
Total Project Cost: $248,000 *Other Funding Source: $137,000*
Complete Streets Funding Component Requested: $111,000

Fletcher Street, a high volume residential street has sidewalk on both sides ranging from fair to poor condition. There is a network gap between Maple Street and East Street. Hence, reconstruction of sidewalks is required on both sides between Maple Street and Pine Street. Sidewalk is required to be installed to fill the network gap on the even side between Maple Street and East Street.

20. Pine Street (East Main Street to Third Street – 0.112 miles)

PCI: 51 & 77 Width: 20ft ROW: 32ft Speed Limit: 30 MPH*
Walk Utility Score: 0.132
Total Project Cost: $103,000 *Other Funding Source: $37,000*
Complete Streets Funding Component Requested: $66,000

As a high volume residential street, the segment between Third Street and Fletcher Street has sidewalk on the even side in poor condition while the segment between Fletcher Street and East Main Street has no sidewalk. Hence, reconstruction of sidewalk, which will also include upgrading the wheelchair ramps to ADA standard is required on the street as well as extending the construction to connect East Main Street, thereby eliminating the existing network gaps.

21. Maple Street (East Main Street to Fourth Street – 0.16 miles)

PCI: 80 & 92 Width: 22ft ROW: 32ft Speed Limit: 30 MPH*
Walk Utility Score: 0.2
Total Project Cost: $156,000 *Other Funding Source: $52,000*
Complete Streets Funding Component Requested: $104,000

The existing sidewalk condition on Maple Street varies from poor to fair with sidewalk network gap. New sidewalk is required along the odd side of the street.

22. Westford Road (Sandy Pond Road to Groton Town Line - 1.10 miles)

PCI: 83-98 Width: 25ft ROW: 40ft Speed Limit: 35 MPH
Walk Utility Score: 0.02 Bike Utility Score: 0.02 Composite Utility Score: 0.02
Total Project Cost: $52,000 *Other Funding Source: $45,000*
Complete Streets Funding Component Requested: $7,000

As indicated by the Town, Westford Road is a bike route hence, a shared lane marking as well as bike sign installations are recommended.

23. Littleton Road (Traffic Circle to Shaker Road – 0.66 miles)
PCI: - Width: 20ft & 24ft ROW: 50-99ft Speed Limit: 25-30 MPH
Walk Utility Score: 0.54 Bike Utility Score: 0.11 Composite Utility Score: 0.45
Total Project Cost: $7,000 *Other Funding Source: $0*
Complete Streets Funding Component Requested: $7,000

As indicated by the Town, Littleton Road is a bike route hence, a shared lane marking as well as bike sign installations are recommended.

24. Central Avenue (Columbia Street to Groton Harvard Road – 0.087 miles)
PCI: 47-99 Width: 21ft-50ft ROW: 40ft-50ft Speed Limit: 30 MPH* Walk Utility Score: 0.68
Total Project Cost: $314,000 *Other Funding Source: $37,000*
Complete Streets Funding Component Requested: $277,000

Replacement of existing sidewalk on the even side of Central Avenue from Columbia Street to Groton Harvard road is recommended.

25. Shaker Road (Littleton Road to Harvard Town Line – 0.189 miles)
PCI: 78-83 Width: 20ft & 22ft ROW: 40ft Speed Limit: 30 MPH*
Walk Utility Score: 0.012 Bike Utility Score: 0 Composite Utility Score: 0
Total Project Cost: $44,000 *Other Funding Source: $42,000*
Complete Streets Funding Component Requested: $2,000

As indicated by the Town, Shaker Road is a bike route hence, a shared lane marking as well as bike sign installations are required.

26. Groton School Road (Park Street to Groton Town Line- 0.930 miles)
PCI: 100 Width: 26ft ROW: 40ft Speed Limit: 30-35 MPH
Walk Utility Score: 0.10 Bike Utility Score: 0.2 Composite Utility Score: 0.15
Total Project Cost: $11,000 *Other Funding Source: $0*
Complete Streets Funding Component Requested: $11,000

As indicated by the Town, Groton School Road is a bike route hence, a shared lane marking as well as bike sign installations are required.

27. Howard Street (Washington Street to Pleasant Street - 0.130 miles)
PCI: 100 Width: 20ft ROW: 36ft Speed Limit: 30 MPH*
Walk Utility Score: 2.67
Total Project Cost: $143,000 *Other Funding Source: $43,000*
Complete Streets Funding Component Requested: $100,000

There is existing sidewalk on the even side of Howard Street between Washington Street and Nashua Street in poor condition. Howard Street conveys school children and pedestrians from the local roads, west side of Nashua Street and connects to Washington Street. Installation of a new sidewalk on the even side to replace the existing (which is in poor condition) from Nashua Street to Washington Street and an extension to Pleasant Street is recommended.

28. Fitchburg Road (Park Street to Shop & Save)
PCI: N/A Width:24ft ROW: 40ft Speed Limit: 35
Walk Utility Score: 0
Total Project Cost: $203,000 *Other Funding Source: $37,000*
Complete Streets Funding Component Requested: $166,000

As requested by the Town, installation of new sidewalk on Fitchburg Road from Park Street, 1,500ft Northwest bound is recommended.

29. Nashua River Bikeway at Groton Street

Total Project Cost: $25,000 *Other Funding Source: $0*
Complete Streets Funding Component Requested: $25,000

Due to inadequate sight distance at the intersection of Nashua River Bikeway and Groton Street, installation of rectangular rapid flashing beacons and advanced warning signs along Groton Street are recommended.

30 MPH - Indicates a roadway without a special speed regulation*

Appendix A

Complete Streets Prioritization Plan

MassDOT Complete Streets Funding ProgramProject Prioritization Plan

Municipality Ayer
MassDOT District 3
Date 3/31/2017
Name/Title Mark L. Wetzel. P.E., Superintendent of Public Works

Project Details			EJ	Complete Streets Location			Project Origin and Type		Complete Streets Needs								Complete Streets Funding Request			Construction Schedule	
Rank	**Project Name**	**Project Description**	**Environmental Justice Population**	**Project Limits**	**Project Start Location: X,Y Coordinates** (MA State Plane meter)	**Project End Location: X,Y Coordinates** (MA State Plane meter)	**Complete Streets Project Origin** (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	**Will this project be in Coordination with other Communities?** (list, if applicable)	**Total Estimated Project Cost**	**Complete Streets Funding Requested**	**Other Funding Source(s) and Amount** (if applicable)	**Anticipated Construction Duration** (number of months)	**Desired Construction Start Date** (month/year)
1	Washington Street Phase 1 - sidewalk, ramp and crosswalks	Replace existing sidewalk on even side of Washington St from Nashua St to Moore Dr (2,395 linear feet), replace all wheelchair ramps and mark crosswalks.	Yes	Nashua Street to Moore Drive	193108.56, 923928.23	193778.99,924223.55	Complete Streets Working Group; Pavement Management Capital Plan	P2, P5, P9, S17	☑	☑	☑	☐	☐	☐	☐	No	$318,000	$305,000	$13,000	6 Months	5/1/2018
2	Washington Street Phase 2 - sidewalk, ramp and crosswalks	Replace existing sidewalk and wheelchair ramps on both sides of Washington St from Nashua Street to Cambridge St (2,050 linear feet), mark crosswalks.	Yes	Nashua Street to Cambridge Street	193778.99,924223.55	192814.42,923394.46	Complete Streets Working Group	P2, P5, P9, S17	☑	☑	☑	☐	☐	☐	☐	No	$482,000	$400,000	$82,000	6 Months	5/1/2019
3	Washington Street Phase 3 - sidewalk, ramp and crosswalks	Replace existing sidewalk and wheelchair ramps on both sides of Washington St from Cambridge St to Main St (520 linear feet), mark crosswalks.	Yes	Cambridge Street to Main Street	192814.42,923394.46	192758.48,923236.21	Complete Streets Working Group	P2, P5, P9, S17	☑	☑	☑	☐	☐	☐	☐	No	$139,000	$139,000	$0	1 Month	5/1/2020
4	Sandy Pond Road - Crosswalk, Bike Accommodation	Mark crosswalk at Snake Hill Road intersection; provide shared lane markings and bicycle signs from Rotary to the Westford Road intersection as part of level and overlay project.	Yes	Rotary to Westford Road Intersection	194078.45,922533.58	196620.32,923248.36	Complete Streets Working Group; Pavement Management Capital Plan	P2, P5, P9, S17	☑	☑	☑	☑	☐	☐	☐	No	$369,000	$18,000	$351,000	1 Month	8/1/2019
5	Main Street - Ramp and Bicycle	Install Pedestrian Signal at West Street intersection to improve access from Nashua River Bikeway and proposed MART parking garage to MBTA station. Replace sidewalks and provide curb extensions and new crosswalks at intersections. Provide shared lane markings and bicycle signs.	Yes	West Main Street to East Main Street	192599.73,923284.09	193122.29,923054.77	Complete Streets Working Group	B8, B9, P2, P8, P9, P11, S16, T1, T2	☑	☑	☑	☑	☑	☐	☐	No	$296,000	$42,000	$254,000	2 Months	5/1/2021
6	School Street - Sidewalk	Replace existing sidewalk on the odd side of the road way from East Main St to Grove St (405 linear feet). And extend sidewalk from Grove St to Bligh St (255 linear feet) as part of level and overlay project.	Yes	East Main Street to Bligh Street	193199.78,922993.36	193096.87,922812.75	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☑	☑	☐	☐	☐	☐	No	$117,000	$89,000	$28,000	2 Months	5/1/2018
7	West Main Street - Ramp and Bicycle	Replace non-compliant wheelchair ramps Park Street to Rogers Street; provide shared lane markings and bicycle signs from Park Street to Harvard Town Line as part of level and overlay project.	Yes	Park St to Harvard Town Line	192599.73,923284.09	191147.73,922508.07	Complete Streets Working Group; Pavement Management Capital Plan	P2, P5, P9, B8, B9	☑	☑	☑	☑	☐	☐	☐	No	$177,000	$45,000	$132,000	2 Months	5/1/2018
8	East Main Street - Ramp and Bicycle	Replace sidewalks and wheelchair ramps, provide bicycle lanes and associated signage, restripe crosswalks and provide Rectangular Rapid Flashing Beacons at key crossing locations as part of roadway reconstruction project. This project is programmed on the FY2020 TIP by MRPC.	Yes	Main St to Harvard Road	193112.29,923054.77	193776.49,922666.49	Complete Streets Working Group	B2, B5, B9, B11, P2, P5, P9, P12, S5, S6	☑	☑	☑	☑	☐	☑	☐	No	$1,664,000	$46,000	$1,618,000	3 Months	9/1/2018
9	Park Street-Sidewalk, Ramps and Bicycles	Install new sidewalk on the odd side of the roadway, and provide shared lane markings, bicycle signs, and radar speed signs along Park Street Main Street to the limit of State Highway at Brook Street.	Yes	Main Street to limits of State Highway	192599.73,923284.09	192378.93,924280.74	Complete Streets Working Group	B8, P2, P5, S5	☑	☑	☑	☑	☐	☑	☐	No	$30,000	$12,000	$18,000	1 Month	9/1/2018
10	Snake Hill Road- Sidewalk	Install new sidewalk on the even side of the roadway from Sandy Pond Rd to existing sidewalk at Fox Run Dr (1,250 linear ft) to provide access from residential neighborhoods to Sandy Pond Beach.	Yes	Sandy Pond Road to Fox Run Drive	195200.46,923207.86	195178.64,922731.22	Complete Streets Working Group	P5	☑	☑	☑	☐	☐	☐	☐	No	$226,000	$184,000	$42,000	2 Months	8/1/2019

MassDOT Complete Streets Funding ProgramProject Prioritization Plan

Municipality Ayer
MassDOT District 3
Date 3/31/2017
Name/Title Mark L. Wetzel. P.E., Superintendent of Public Works

Project Details			EJ	Complete Streets Location			Project Origin and Type		Complete Streets Needs								Complete Streets Funding Request			Construction Schedule	
Rank	**Project Name**	**Project Description**	**Environmental Justice Population**	**Project Limits**	**Project Start Location: X,Y Coordinates** (MA State Plane meter)	**Project End Location: X,Y Coordinates** (MA State Plane meter)	**Complete Streets Project Origin** (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	**Will this project be in Coordination with other Communities?** (list, if applicable)	**Total Estimated Project Cost**	**Complete Streets Funding Requested**	**Other Funding Source(s) and Amount** (if applicable)	**Anticipated Construction Duration** (number of months)	**Desired Construction Start Date** (month/year)
11	Church Street - Sidewalks	Replace sidewalk and wheelchair ramps on even side of Church St from Grove St to Faulkner St (417 linear feet) as part of level and overlay project.	Yes	Grove Street to Faulkner Street	192873.63,923023.57	192912.2,923143.9	Complete Streets Working Group; Pavement Management Capital Plan	P2, P5	☑	☑	☑	☐	☐	☐	☐	No	$70,000	$55,000	$15,000	1 Month	4/1/2019
12	Old East Main/Faulkner Streets - Sidewalk, Ramps	Replace existing sidewalk and wheelchair ramps on Old East Main St & Faulkner St. (even side) from East Main St to Linden Court (360 linear feet) as part of level and overlay project.	Yes	Main Street to Linden Court	193112.29,923054.77	192990.24,923123.79	Complete Streets Working Group; Pavement Management Capital Plan	P2, P5	☑	☑	☑	☐	☐	☐	☐	No	$78,000	$58,000	$20,000	1 Month	4/1/2019
13	Oak Street - Sidewalk	Replace sidewalk on even side of the roadway from East Main St to Grove St as part of mill and overlay project.	Yes	East Main Street to Grove Street	193271.75,922946.93	193209.30,922846.59	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☑	☑	☐	☐	☐	☐	No	$76,000	$58,000	$18,000	1 Month	4/1/2019
14	High Street - Sidewalk	Replace existing sidewalk on the even side from Holmes St to Norwood Ave as part of level and overlay project following water main replacement.	Yes	Holmes Street to Norwood Avenue	193053.11,923473.38	193229.02,923411.54	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☑	☑	☐	☐	☐	☐	No	$96,000	$73,000	$23,000	1 Month	4/1/2019
15	William Street - Sidewalk	Replace existing sidewalk on even side of the roadway from Washington St to Holmes St as part of overlay project.	Yes	Washington Street to Holmes Street	192855.45,923462.90	192855.84,923464.76	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☑	☑	☐	☐	☐	☐	No	$120,000	$92,000	$28,000	1 Month	8/1/2019
16	Sandy Pond Road - Sidewalk	Install new sidewalk on either side of the roadway from Snake Hill Road to Westford Road (4,850 linear feet) as part of level and overlay project to connect residential neighborhoods with Sandy Pond Beach.	No	Snake Hill Road to Westford Road	195200.06, 923206.00	196620.32,923248.36	Complete Streets Working Group; Pavement Management Capital Plan	P9, S14	☑	☑	☑	☑	☐	☐	☐	No	$936,000	$400,000	$536,000	3 Months	8/1/2019
17	Grove Street- Sidewalks, Ramps	Install new sidewalk to replace the existing poor sidewalk and non-compliant wheelchair ramps on both sides of Grove St from Forest St to Elm St (702 linear feet) as part of level and overlay project.	Yes	Forest Street to Elm Street	192801.16,923051.19	193000.46,922969.34	Complete Streets Working Group; Pavement Management Capital Plan	P2, P5	☑	☑	☑	☐	☐	☐	☐	No	$226,000	$184,000	$42,000	2 Months	9/1/2018
18	Groton Harvard Road/Old Groton Road- Bicycle Accommodation	Mark shared lane from East Main St to Town Line and install bicycle signs as part of level and overlay project. Install bicycle racks at entrance to Page-Hilltop Elementary School/Ayer-Shirley Regional High School complex.	Yes	East Main St to Groton Town Line	193574.38,922787.38	194151.75,925337.9	Complete Streets Working Group; Pavement Management Capital Plan	B3, B8, B9	☑	☐	☐	☑	☐	☐	☐	No	$73,000	$9,000	$64,000	1 Month	5/1/2020
19	Fletcher Street- Sidewalk	Replace existing sidewalk on odd Side from Maple St to Pine St (620 linear ft) and install new sidewalk on even side from Maple St to East St (1,000 linear ft) as part of level and overlay project.	Yes	Maple Street to East Street	193430.94,922750.23	193723.76,922600.81	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☑	☑	☐	☐	☐	☐	No	$248,000	$111,000	$137,000	2 Months	5/1/2020
20	Pine Street - Sidewalk	Replace existing sidewalk on even side from Third St to Fletcher St (300 linear ft) and install new sidewalk on the even side between Fletcher St and East Main St (300 Linear ft) as part of level and overlay project.	Yes	Third Street to East Main Street	193548.03,922582.86	193635.69,922754.19	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☑	☑	☐	☐	☐	☐	No	$103,000	$66,000	$37,000	1 Month	5/1/2020
21	Maple Street - Sidewalk	Install new sidewalk on odd side from East Main St to Fourth Street (870 linear ft) as part of overlay project.	Yes	East Main Street to Fourth Street	193469.07,922839.35	193355.3,922589.57	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☑	☑	☐	☐	☐	☐	No	$156,000	$104,000	$52,000	2 Months	5/1/2020
22	Westford Road- Bicycle Accommodation	Provide shared lane markings from Sandy Pond Road to the Groton Town Line and install bicycle signs.	No	Sandy Pond Road Intersection to Groton Town Line	196620.32,923248.36	197585.54,924625.08	Complete Streets Working Group	B8, B9	☑	☐	☐	☑	☐	☐	☐	No	$52,000	$7,000	$45,000	1 Months	5/1/2020
23	Littleton Road -Bicycle Accommodation	Provide shared lane markings and bicycle signs from Rotary to Shaker Road. This project is located on State Highway.	Yes	Traffic Circle to Shaker Road	194131.51,922455.28	195092.89,922108.98	Complete Streets Working Group; Pavement Management Capital Plan	B8, B9	☑	☐	☐	☑	☐	☐	☐	No	$7,000	$0	$7,000	1 Months	9/1/2020

MassDOT Complete Streets Funding ProgramProject Prioritization Plan

Municipality Ayer
MassDOT District 3
Date 3/31/2017
Name/Title Mark L. Wetzel. P.E., Superintendent of Public Works

Project Details			EJ	Complete Streets Location			Project Origin and Type		Complete Streets Needs								Complete Streets Funding Request			Construction Schedule	
Rank	**Project Name**	**Project Description**	**Environmental Justice Population**	**Project Limits**	**Project Start Location: X,Y Coordinates** (MA State Plane meter)	**Project End Location: X,Y Coordinates** (MA State Plane meter)	**Complete Streets Project Origin** (planning documentation or supporting analysis)	Complete Streets Project Type (refer to the Eligible Projects Worksheet)	Safety	ADA Accessibility	Pedestrian Mobility	Bicycle Mobility	Transit Operations and Access	Vehicular Operations	Freight Operations	**Will this project be in Coordination with other Communities?** (list, if applicable)	**Total Estimated Project Cost**	**Complete Streets Funding Requested**	**Other Funding Source(s) and Amount** (if applicable)	**Anticipated Construction Duration** (number of months)	**Desired Construction Start Date** (month/year)
24	Central Avenue - Sidewalk	Replace existing even side sidewalk from Columbia St to Groton Harvard Rd (2,423 linear feet).	Yes	Columbia Street to Groton Harvard Road	192915.93,923268.97	193626.22,923025.72	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☐	☑	☐	☐	☐	☐	No	$314,000	$277,000	$37,000	3 Months	9/1/2020
25	Shaker Road- Bicycle Accommodation	Provide shared lane markings and bicyle signs from Littleton Road to the Harvard Town Line following roadway overlay project.	Yes	Littleton Road to Harvard Town Line	195092.89,922108.98	195095.74,921817.98	Complete Streets Working Group; Pavement Management Capital Plan	B8, B9	☑	☐	☐	☑	☐	☐	☐	No	$44,000	$2,000	$42,000	1 Month	9/1/2020
26	Groton School Road- Bicycle Accommodation	Provide shared lane markings from Park Street to the Groton Town Line and install bicycle signs.	No	Park Street to Groton Town Line	192378.93,924280.74	192916.95,925590.02	Complete Streets Working Group; Pavement Management Capital Plan	B8, B9	☑	☐	☐	☑	☐	☐	☐	No	$11,000	$11,000	$0	1 Month	9/1/2020
27	Howard Street - Sidewalk, Ramps and Crosswalks	Replace existing sidewalk on even side of Howard St from Nashua St to Washington St. (176 linear feet) and install new sidewalk (even side) between Pleasant St and Nashua St (689 linear ft). Replace wheelchair ramps and mark crosswalks.	Yes	Washington Street to Pleasant Street	193172.14,923956.94	192970.4,923989.92	Complete Streets Working Group; Pavement Management Capital Plan	P2, P5, P9, S14	☑	☑	☑	☐	☐	☐	☐	No	$143,000	$100,000	$43,000	1 Month	9/1/2020
28	Fitchburg Road - Sidewalk	Install new sidewalk one one side of the roadway from Park Street to the Shop & Save plaza (1,500 linear feet) to connect public housing to shopping and services. This project is located on State Highway.	Yes	Park Street to Shop & Save	192378.53,924278.88	192049.96,924597.95	Complete Streets Working Group; Pavement Management Capital Plan	P5	☑	☐	☐	☑	☐	☐	☐	No	$203,000	$0	$203,000	3 Months	9/1/2020
29	Nashua River Bikeway at Groton Street	Provide rectangular rapid flashing beacons and advance warning signs along Groton Street at shared use path crossing.	Yes	Nashua River Bikeway at Groton St	192629.60,923557.19	192629.60,923557.19	Complete Streets Working Group; Pavement Management Capital Plan	P12, S7	☑	☐	☑	☑	☐	☑	☐	No	$25,000	$25,000	$0	1 Month	9/1/2020

Appendix B

Project Cost Estimates

WORLDTECH ENGINEERING

Job	Complete Streets - Ayer	Page	1
Job No.	16-010.01	Date	1/25/2017
Subject	Prioritization Estimate	Estimated By	WO
Client	Town of Ayer	Checked By	TQ

Unit Price per MassDot Weighted Average (updated 1/2017)		
Hot Mix Asphalt	$100.00	per Ton
Leveling Asphalt	$125.00	per Ton
Crack Sealing	$8.50	per Gallon
Unclassified Excavation	$35.00	per Cubic Yard
Cem. Conc. SW	$54.00	per Square Yard
Cem. Conc. WCR	$60.00	per Square Yard
Gravel Borrow	$38.00	per Cubic Yard
Granite Curb	$47.00	per Foot
Pavement Milling	$5.00	per Square Yard
Crosswalks	$2.50	per Foot
Pavement Arrows / Bike Lane Markings	$7.00	per Square Foot
Striping	$8.00	per Foot
Signing	$15.00	per Square Foot

PROJECT #1: WASHINGTON ST PHASE 1- SIDEWALK, RAMPS, AND CROSSWALKS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	2395	Feet
Roadway Width	30	Feet
Roadway Area	7983	SY
% Cracking	30%	
Gallons of Sealant Needed	1000	Gallon

Cost for Crack Sealing: $8,500

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Asphalt Sidewalk

Length of Sidewalk	2395	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	1596.67	SY
	2.5 Inch Asphalt Conc	
	8 Inch Gravel Base	
Volume for Excavation	465.7	CY

Cost For Sidewalk: $95,246

Cement Concrete WCRs & Transition Curbing

WCR Needed	19	Each
Assumed Area	150	SF
Total WCR Area	317	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	342	Feet

Cost for WCR's and Transition Curbing: $35,074

Granite Curbing

Roadway Length	2395	Feet
Both Sides?	No	
Curbing Length	2395	Feet

Cost for Roadway: $112,565

Complete Street Striping

Crossing Length	7	Feet
Number of Crosswalks	20	
Total Crosswalk Length	280	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF

Cost For Complete Street Striping: $700

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$8,500**
ASSUME (LUMP SUM) FOR DRAINAGE	**$1,500**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$425**
ADD 25% CONTINGENCY	**$2,125**
TOTAL	**$12,550**
SAY	**$13,000**
COMPLETE STREETS FUNDING	**$243,585**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$12,179**
ADD 20% CONTINGENCY	**$48,717**
TOTAL	**$304,481**
SAY	**$305,000**

SAY $318,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #2: WASHINGTON ST PHASE 2- SIDEWALK, RAMPS, AND CROSSWALKS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	2050	Feet
Roadway Width	30	Feet
Roadway Area	6833	SY
% Cracking	30%	
Gallons of Sealant Needed	1000	Gallon
Cost for Crack Sealing	$8,500	

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	
Cost for Level and Overlay	$0	

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton
Cost for Mill and Overlay	$0	

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet
Cost For Roadway Striping	$0	

COMPLETE STREET COSTS

Asphalt Sidewalk

Length of Sidewalk	2050	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	2	side
Sidewalk Area	2733.33	SY
2.5 Inch Asphalt Conc		
8 Inch Gravel Base		
Volume for Excavation	797.2	CY
Cost For Sidewalk	$163,051	

Cement Concrete WCRs & Transition Curbing

WCR Needed	10	Each
Assumed Area	150	SF
Total WCR Area	167	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	180	Feet
Cost for WCR's and Transition Curbing	$18,460	

Granite Curbing

Roadway Length	2050	Feet
Both Sides?	Yes	
Curbing Length	4100	Feet
Cost for Roadway	$192,700	

Complete Street Striping

Crossing Length	4	Feet
Number of Crosswalks	20	
Total Crosswalk Length	160	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Cost For Complete Street Striping	$400	

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$8,500**
ASSUME (LUMP SUM) FOR DRAINAGE	**$1,500**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$425**
ADD 25% CONTINGENCY	**$2,125**
TOTAL	**$12,550**
SAY	**$13,000**
COMPLETE STREETS FUNDING	**$374,611**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$18,731**
ADD 20% CONTINGENCY	**$74,922**
TOTAL	**$468,264**
SAY	**$469,000**

SAY $482,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #3: WASHINGTON ST PHASE 3 - SIDEWALK, RAMPS, AND CROSSWALKS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	520	Feet
Roadway Width	30	Feet
Roadway Area	1733	SY
% Cracking	30%	
Gallons of Sealant Needed	1000	Gallon
Cost for Crack Sealing	$8,500	

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	
Cost for Level and Overlay	$0	

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton
Cost for Mill and Overlay	$0	

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet
Cost For Roadway Striping	$0	

COMPLETE STREET COSTS

Concrete Sidewalk

Length of Sidewalk	520	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	2	side
Sidewalk Area	693.33	SY
	4 Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	231.1	CY
Cost For Sidewalk	$51,384	

Cement Concrete WCRs & Transition Curbing

WCR Needed	0	Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet
Cost for WCR's and Transition Curbing	$0	

Granite Curbing

Roadway Length	520	Feet
Both Sides?	Yes	
Curbing Length	1040	Feet
Cost for Roadway	$48,880	

Complete Street Striping

Crossing Length		Feet
Number of Crosswalks	20	
Total Crosswalk Length	0	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Cost For Complete Street Striping	$0	

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$8,500**
ASSUME (LUMP SUM) FOR DRAINAGE	**$1,500**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$425**
ADD 25% CONTINGENCY	**$2,125**
TOTAL	**$12,550**
SAY	**$13,000**
COMPLETE STREETS FUNDING	**$100,264**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$5,013**
ADD 20% CONTINGENCY	**$20,053**
TOTAL	**$125,330**
SAY	**$126,000**

SAY $139,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #4: SANDY POND ROAD - CROSSWALK & BIKE ACCOMODATIONS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	2500	Feet
Roadway Width	30	Feet
Roadway Area	8333	SY
% Cracking	30%	
Gallons of Sealant Needed	500	Gallon
Cost for Crack Sealing	$4,250	

Level and Overlay

Roadway Length	3380	Feet
Roadway Width	30	Feet
Total Roadway Area	11267	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	946.40	Ton
Tons of Asphalt for Leveling Course	315.47	Ton
Cost of Overlay	$94,640.00	
Cost of Leveling	$39,433.33	
Cost for Level and Overlay	$134,073	

Mill and Overlay

Roadway Length		Feet
Roadway Width	23	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton
Cost for Mill and Overlay	$0	

Roadway Striping

Roadway Length	3800	Feet
DYCL	Yes	
DYCL Length	7600	Feet
SWEL Line	Yes	
SWEL Length	7600	Feet
Total Length	15200	Feet
Cost For Roadway Striping	$121,600	

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk		Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY
Cost For Sidewalk	$0	

Cement Concrete WCRs & Transition Curbing

WCR Needed	0	Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet
Cost for WCR's and Transition Curbing	$0	

Granite Curbing

Roadway Length		Feet
Both Sides?	NO	
Curbing Length	0	Feet
Cost for Granite Curbing	$0	

Complete Street Striping & Signs

Crossing Length	30	Feet
Number of Crosswalks	4	
Total Crosswalk Length	240	Feet
Sharrows Needed	83	Each
Sharrow Area	15	SF/Sharrow
Total Area	1245	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	46	Each
Sign Area	7	SF/Sign
Total Area	322	SF
Cost For Complete Street Striping	$14,145	

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$259,923**
ASSUME FOR 5% DRAINAGE	**$12,996**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$12,996**
PEDESTRIAN SIGNAL	
ADD 25% CONTINGENCY	**$64,981**
TOTAL	**$350,897**
SAY	**$351,000**
COMPLETE STREETS FUNDING	**$14,145**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$707**
ADD 20% CONTINGENCY	**$2,829**
TOTAL	**$17,681**
SAY	**$18,000**
SAY	**$369,000**

FOR ROUGH COST ESTIMATE ONLY

PROJECT #5: MAIN STREET - RAMP & BICYCLE
CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	2466	Feet
Roadway Width	30	Feet
Total Roadway Area	8220	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	690.48	Ton
Tons of Asphalt for Leveling Course	230.16	Ton
Cost of Overlay	$69,048.00	
Cost of Leveling	$28,770.00	

Cost for Level and Overlay: $97,818

Mill and Overlay

Roadway Length		Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	2466	Feet
DYCL	Yes	
DYCL Length	4932	Feet
SWEL Line	Yes	
SWEL Length	4932	Feet
Total Length	9864	Feet

Cost For Roadway Striping: $78,912

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk		Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed	16	Each
Assumed Area	150	SF
Total WCR Area	267	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	288	Feet

Cost for WCR's and Transition Curbing: $29,536

Granite Curbing

Roadway Length		Feet
Both Sides?	No	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	30	Feet
Number of Crosswalks		
Total Crosswalk Length	0	Feet
Sharrows Needed	24	Each
Sharrow Area	15	SF/Sharrow
Total Area	360	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	14	Each
Sign Area	7	SF/Sign
Total Area	98	SF

Cost For Complete Street Striping: $3,990

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$176,730**
ASSUME FOR 5% DRAINAGE	**$8,837**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$8,837**
PEDESTRIAN SIGNAL	**$15,000**
ADD 25% CONTINGENCY	**$44,183**
TOTAL	**$253,586**
SAY	**$254,000**
COMPLETE STREETS FUNDING	**$33,526**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$1,676**
ADD 20% CONTINGENCY	**$6,705**
TOTAL	**$41,908**
SAY	**$42,000**

SAY $296,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #6: SCHOOL STREET - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	0	Feet
Roadway Area	0	SY
% Cracking	0%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	660	Feet
Roadway Width	22	Feet
Total Roadway Area	1613	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	135.52	Ton
Tons of Asphalt for Leveling Course	45.17	Ton
Cost of Overlay	$13,552.00	
Cost of Leveling	$5,646.67	

Cost for Level and Overlay: $19,199

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	0	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	660	Feet
DYCL	No	
DYCL Length	0	Feet
SWEL Line	No	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	660	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	440.00	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	146.7	CY

Cost For Sidewalk: $32,609

Cement Concrete WCRs & Transition Curbing

WCR Needed	4	Each
Assumed Area	150	SF
Total WCR Area	67	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	72	Feet

Cost for WCR's and Transition Curbing: $7,384

Granite Curbing

Roadway Length	660	Feet
Both Sides?	No	
Curbing Length	660	Feet

Cost for Roadway: $31,020

Complete Street Striping

Crossing Length		Feet
Number of Crosswalks	2	
Total Crosswalk Length	0	Feet
Sharrows Needed	2	Each
Sharrow Area		SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF

Cost For Complete Street Striping: $0

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$19,199**
ASSUME (LUMP SUM) FOR DRAINAGE	**$3,000**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$960**
ADD 25% CONTINGENCY	**$4,800**
TOTAL	**$27,958**
SAY	**$28,000**
COMPLETE STREETS FUNDING	**$71,013**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$3,551**
ADD 20% CONTINGENCY	**$14,203**
TOTAL	**$88,766**
SAY	**$89,000**

SAY $117,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #7: WEST MAIN STREET - RAMPS AND BICYCLE
CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	1270	Feet
Roadway Width	34	Feet
Total Roadway Area	4798	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	403.01	Ton
Tons of Asphalt for Leveling Course	134.34	Ton
Cost of Overlay	$40,301.33	
Cost of Leveling	$16,792.22	

Cost for Level and Overlay: $57,094

Mill and Overlay

Roadway Length		Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	1270	Feet
DYCL	Yes	
DYCL Length	2540	Feet
SWEL Line	Yes	
SWEL Length	2540	Feet
Total Length	5080	Feet

Cost For Roadway Striping: $40,640

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk		Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed	18	Each
Assumed Area	150	SF
Total WCR Area	300	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	324	Feet

Cost for WCR's and Transition Curbing: $33,228

Granite Curbing

Roadway Length		Feet
Both Sides?	NO	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	34	Feet
Number of Crosswalks	2	
Total Crosswalk Length	136	Feet
Sharrows Needed	14	Each
Sharrow Area	15	SF/Sharrow
Total Area	210	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	9	Each
Sign Area	7	SF/Sign
Total Area	63	SF

Cost For Complete Street Striping: $2,755

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$97,734**
ASSUME FOR 5% DRAINAGE	**$4,887**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$4,887**
ADD 25% CONTINGENCY	**$24,433**
TOTAL	**$131,940**
SAY	**$132,000**
COMPLETE STREETS FUNDING	**$35,983**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$1,799**
ADD 20% CONTINGENCY	**$7,197**
TOTAL	**$44,979**
SAY	**$45,000**

SAY $177,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #8: EAST MAIN STREET - RAMP AND BICYCLE
CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length		Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Road Reconstruction

Roadway Length	2350	Feet
Roadway Width	34	Feet
Total Roadway Area	8878	SY
Reconstruction Rate	$135	

Cost for Mill and Overlay: $1,198,500

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk		Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed	18	Each
Assumed Area	150	SF
Total WCR Area	300	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	324	Feet

Cost for WCR's and Transition Curbing: $33,228

Granite Curbing

Roadway Length		Feet
Both Sides?	NO	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	24	Feet
Number of Crosswalks	3	
Total Crosswalk Length	144	Feet
Sharrows Needed	14	Each
Sharrow Area	15	SF/Sharrow
Total Area	210	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	16	Each
Sign Area	7	SF/Sign
Total Area	112	SF

Cost For Complete Street Striping: $3,510

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$1,198,500**
ASSUME FOR 5% DRAINAGE	**$59,925**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$59,925**
ADD 25% CONTINGENCY	**$299,625**
TOTAL	**$1,617,975**
SAY	**$1,618,000**
COMPLETE STREETS FUNDING	**$36,738**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$1,837**
ADD 20% CONTINGENCY	**$7,348**
TOTAL	**$45,923**
SAY	**$46,000**

SAY $1,664,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #9#: PARK STREET - SIDEWALK, RAMPS, AND BICYCLES

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	0	Feet
Roadway Area	0	SY
% Cracking	20%	
Gallons of Sealant Needed	500	Gallon
Cost for Crack Sealing	$4,250	

Level and Overlay

Roadway Length	0	Feet
Roadway Width	0	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	
Cost for Level and Overlay	$0	

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	0	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton
Cost for Mill and Overlay	$0	

Roadway Striping

Roadway Length	0	Feet
DYCL	No	
DYCL Length	0	Feet
SWEL Line	No	
SWEL Length	0	Feet
Total Length	0	Feet
Cost For Roadway Striping	$0	

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk		Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY
Cost For Sidewalk	$0	

Cement Concrete WCRs & Transition Curbing

WCR Needed	4	Each
Assumed Area	150	SF
Total WCR Area	67	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	72	Feet
Cost for WCR's and Transition Curbing	$7,384	

Granite Curbing

Roadway Length		Feet
Both Sides?	No	
Curbing Length	0	Feet
Cost for Roadway	$0	

Complete Street Striping

	Crossing Length	26	Feet
check	Number of Crosswalks	2	
	Total Crosswalk Length	104	Feet
	Sharrows Needed	14	Each
	Sharrow Area	15	SF/Sharrow
	Total Area	210	SF
	Bike Lane Markings Needed	0	Each
	Bike Lane Area	6	SF/Marking
	Total Area	0	SF
	Cost For Complete Street Striping	$1,730	

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$4,250**
ASSUME (LUMP SUM) FOR DRAINAGE	**$12,000**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$213**
ADD 25% CONTINGENCY	**$1,063**
TOTAL	**$17,525**
SAY	**$18,000**
COMPLETE STREETS FUNDING	**$9,114**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$456**
ADD 20% CONTINGENCY	**$1,823**
TOTAL	**$11,393**
SAY	**$12,000**

SAY $30,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #10: SNAKE HILL ROAD - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	25	Feet
Roadway Area	0	SY
% Cracking	80%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	1250	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	833.33	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	277.8	CY

Cost For Sidewalk: $61,759

Cement Concrete WCRs & Transition Curbing

WCR Needed	4	Each
Assumed Area	150	SF
Total WCR Area	67	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	72	Feet

Cost for WCR's and Transition Curbing: $7,384

Granite Curbing

Roadway Length	625	Feet
Both Sides?	No	
Curbing Length	625	Feet

Cost for Roadway: $29,375

Complete Street Striping

Crossing Length	24	Feet
Total Crosswalk Length	48	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	0	Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $120

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$0**
DRAINAGE	**$32,500**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$0**
ADD 25% CONTINGENCY	**$0**
TOTAL	**$32,500**
SAY	**$33,000**
COMPLETE STREETS FUNDING	**$98,638**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$4,932**
ADD 20% CONTINGENCY	**$19,728**
TOTAL	**$123,298**
SAY	**$124,000**

SAY $157,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #11: CHURCH STREET - SIDEWALKS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon
Cost for Crack Sealing	$0	

Level and Overlay

Roadway Length	417	Feet
Roadway Width	20	Feet
Total Roadway Area	927	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	77.84	Ton
Tons of Asphalt for Leveling Course	25.95	Ton
Cost of Overlay	$7,784.00	
Cost of Leveling	$3,243.33	
Cost for Level and Overlay	$11,027	

Mill and Overlay

Roadway Length		Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton
Cost for Mill and Overlay	$0	

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet
Cost For Roadway Striping	$0	

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	417	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	278.00	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	92.7	CY
Cost For Sidewalk	$20,603	

Cement Concrete WCRs & Transition Curbing

WCR Needed	2	Each
Assumed Area	150	SF
Total WCR Area	33	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	36	Feet
Cost for WCR's and Transition Curbing	$3,692	

Granite Curbing

Roadway Length	417	Feet
Both Sides?	NO	
Curbing Length	417	Feet
Cost for Roadway	$19,599	

Complete Street Striping & Signs

Crossing Length		Feet
Number of Crosswalks	3	
Total Crosswalk Length	0	Feet
Sharrows Needed		Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs		Each
Sign Area	7	SF/Sign
Total Area	0	SF
Cost For Complete Street Striping	$0	

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$11,027**
ASSUME FOR 5% DRAINAGE	**$551**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$551**
ADD 25% CONTINGENCY	**$2,757**
TOTAL	**$14,887**
SAY	**$15,000**
COMPLETE STREETS FUNDING	**$43,894**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$2,195**
ADD 20% CONTINGENCY	**$8,779**
TOTAL	**$54,867**
SAY	**$55,000**

SAY $70,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #12: OLD EAST MAIN STREET/FAULKNER STREET - SIDEWALK, RAMPS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	360	Feet
Roadway Width	31	Feet
Total Roadway Area	1240	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	104.16	Ton
Tons of Asphalt for Leveling Course	34.72	Ton
Cost of Overlay	$10,416.00	
Cost of Leveling	$4,340.00	

Cost for Level and Overlay: $14,756

Mill and Overlay

Roadway Length		Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	360	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	240.00	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	80.0	CY

Cost For Sidewalk: $17,787

Cement Concrete WCRs & Transition Curbing

WCR Needed	6	Each
Assumed Area	150	SF
Total WCR Area	100	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	108	Feet

Cost for WCR's and Transition Curbing: $11,076

Granite Curbing

Roadway Length	360	Feet
Both Sides?	NO	
Curbing Length	360	Feet

Cost for Granite Curbing: $16,920

Complete Street Striping & Signs

Crossing Length		Feet
Number of Crosswalks	3	
Total Crosswalk Length	0	Feet
Sharrows Needed		Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs		Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $0

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$14,756**
ASSUME FOR 5% DRAINAGE	**$738**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$738**
ADD 25% CONTINGENCY	**$3,689**
TOTAL	**$19,921**
SAY	**$20,000**
COMPLETE STREETS FUNDING	**$45,783**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$2,289**
ADD 20% CONTINGENCY	**$9,157**
TOTAL	**$57,228**
SAY	**$58,000**

SAY $78,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #13: OAK STREET - SIDEWALK
CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length		Feet
Roadway Width		Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	440	Feet
Roadway Width	20	Feet
Total Roadway Area	978	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	880.00	SY
Tons of Asphalt for Mill and Overlay	86.24	Ton

Cost for Mill and Overlay: $13,024

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	440	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	293.33	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	97.8	CY

Cost For Sidewalk: $21,739

Cement Concrete WCRs & Transition Curbing

WCR Needed	2	Each
Assumed Area	150	SF
Total WCR Area	33	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	36	Feet

Cost for WCR's and Transition Curbing: $3,692

Granite Curbing

Roadway Length	440	Feet
Both Sides?	NO	
Curbing Length	440	Feet

Cost for Granite Curbing: $20,680

Complete Street Striping & Signs

Crossing Length		Feet
Number of Crosswalks	3	
Total Crosswalk Length	0	Feet
Sharrows Needed		Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs		Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $0

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$13,024**
ASSUME FOR 5% DRAINAGE	**$651**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$651**
PEDESTRIAN SIGNAL	
ADD 25% CONTINGENCY	**$3,256**
TOTAL	**$17,582**
SAY	**$18,000**
COMPLETE STREETS FUNDING	**$46,111**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$2,306**
ADD 20% CONTINGENCY	**$9,222**
TOTAL	**$57,639**
SAY	**$58,000**

SAY $76,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #14: HIGH STREET - SIDEWALK
CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon
Cost for Crack Sealing	$0	

Level and Overlay

Roadway Length	560	Feet
Roadway Width	23	Feet
Total Roadway Area	1431	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	120.21	Ton
Tons of Asphalt for Leveling Course	40.07	Ton
Cost of Overlay	$12,021.33	
Cost of Leveling	$5,008.89	
Cost for Level and Overlay	$17,030	

Mill and Overlay

Roadway Length		Feet
Roadway Width	20	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton
Cost for Mill and Overlay	$0	

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet
Cost For Roadway Striping	$0	

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	560	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	373.33	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	124.4	CY
Cost For Sidewalk	$27,668	

Cement Concrete WCRs & Transition Curbing

WCR Needed	2	Each
Assumed Area	150	SF
Total WCR Area	33	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	36	Feet
Cost for WCR's and Transition Curbing	$3,692	

Granite Curbing

Roadway Length	560	Feet
Both Sides?	NO	
Curbing Length	560	Feet
Cost for Granite Curbing	$26,320	

Complete Street Striping & Signs

Crossing Length		Feet
Number of Crosswalks	3	
Total Crosswalk Length	0	Feet
Sharrows Needed		Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs		Each
Sign Area	7	SF/Sign
Total Area	0	SF
Cost For Complete Street Striping	$0	

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$17,030**
ASSUME FOR 5% DRAINAGE	**$852**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$852**
PEDESTRIAN SIGNAL	
ADD 25% CONTINGENCY	**$4,258**
TOTAL	**$22,991**
SAY	**$23,000**
COMPLETE STREETS FUNDING	**$57,680**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$2,884**
ADD 20% CONTINGENCY	**$11,536**
TOTAL	**$72,100**
SAY	**$73,000**

SAY $96,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #15: WILLIAM STREET - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	30	Feet
Roadway Area	0	SY
% Cracking	30%	
Gallons of Sealant Needed		Gallon
Cost for Crack Sealing	$0	

Level and Overlay

Roadway Length	667	Feet
Roadway Width	23	Feet
Total Roadway Area	1705	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	143.18	Ton
Tons of Asphalt for Leveling Course	47.73	Ton
Cost of Overlay	$14,318.27	
Cost of Leveling	$5,965.94	
Cost for Level and Overlay	$20,284	

Mill and Overlay

Roadway Length		Feet
Roadway Width	20	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton
Cost for Mill and Overlay	$0	

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet
Cost For Roadway Striping	$0	

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	667	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	444.67	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	148.2	CY
Cost For Sidewalk	$32,955	

Cement Concrete WCRs & Transition Curbing

WCR Needed	5	Each
Assumed Area	150	SF
Total WCR Area	83	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	90	Feet
Cost for WCR's and Transition Curbing	$9,230	

Granite Curbing

Roadway Length	667	Feet
Both Sides?	NO	
Curbing Length	667	Feet
Cost for Granite Curbing	$31,349	

Complete Street Striping & Signs

Crossing Length		Feet
Number of Crosswalks	3	
Total Crosswalk Length	0	Feet
Sharrows Needed		Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs		Each
Sign Area	7	SF/Sign
Total Area	0	SF
Cost For Complete Street Striping	$0	

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$20,284**
ASSUME FOR 5% DRAINAGE	**$1,014**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$1,014**
PEDESTRIAN SIGNAL	
ADD 25% CONTINGENCY	**$5,071**
TOTAL	**$27,384**
SAY	**$28,000**
COMPLETE STREETS FUNDING	**$73,534**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$3,677**
ADD 20% CONTINGENCY	**$14,707**
TOTAL	**$91,917**
SAY	**$92,000**

SAY $120,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #16: SANDY POND ROAD - SIDEWALK
CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	2500	Feet
Roadway Width	30	Feet
Roadway Area	8333	SY
% Cracking	30%	
Gallons of Sealant Needed	500	Gallon

Cost for Crack Sealing: $4,250

Level and Overlay

Roadway Length	3380	Feet
Roadway Width	30	Feet
Total Roadway Area	11267	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	946.40	Ton
Tons of Asphalt for Leveling Course	315.47	Ton
Cost of Overlay	$94,640.00	
Cost of Leveling	$39,433.33	

Cost for Level and Overlay: $134,073

Mill and Overlay

Roadway Length		Feet
Roadway Width	23	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	3800	Feet
DYCL	Yes	
DYCL Length	7600	Feet
SWEL Line	Yes	
SWEL Length	7600	Feet
Total Length	15200	Feet

Cost For Roadway Striping: $121,600

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	4850	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	3233.33	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	1077.8	CY

Cost For Sidewalk: $239,626

Cement Concrete WCRs & Transition Curbing

WCR Needed	0	Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet

Cost for WCR's and Transition Curbing: $0

Granite Curbing

Roadway Length	4850	Feet
Both Sides?	NO	
Curbing Length	4850	Feet

Cost for Granite Curbing: $227,950

Complete Street Striping & Signs

Crossing Length		Feet
Number of Crosswalks	4	
Total Crosswalk Length	0	Feet
Sharrows Needed		Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed		Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs		Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $0

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$259,923**
ASSUME FOR 5% DRAINAGE	**$12,996**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$12,996**
PEDESTRIAN SIGNAL	
ADD 25% CONTINGENCY	**$64,981**
TOTAL	**$350,897**
SAY	**$351,000**
COMPLETE STREETS FUNDING	**$467,576**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$23,379**
ADD 20% CONTINGENCY	**$93,515**
TOTAL	**$584,470**
SAY	**$585,000**

SAY $936,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #17: GROVE STREET - SIDEWALKS, RAMPS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	0	Feet
Roadway Area	0	SY
% Cracking	0%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	702	Feet
Roadway Width	28	Feet
Total Roadway Area	2184	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	183.46	Ton
Tons of Asphalt for Leveling Course	61.15	Ton
Cost of Overlay	$18,345.60	
Cost of Leveling	$7,644.00	

Cost for Level and Overlay: $25,990

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	0	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	No	
DYCL Length	0	Feet
SWEL Line	No	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	702	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	2	side
Sidewalk Area	936.00	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	312.0	CY

Cost For Sidewalk: $69,368

Cement Concrete WCRs & Transition Curbing

WCR Needed	6	Each
Assumed Area	150	SF
Total WCR Area	100	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	108	Feet

Cost for WCR's and Transition Curbing: $11,076

Granite Curbing

Roadway Length	702	Feet
Both Sides?	Yes	
Curbing Length	1404	Feet

Cost for Roadway: $65,988

Complete Street Striping

Crossing Length	28	Feet
Number of Crosswalks	3	
Total Crosswalk Length	168	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF

Cost For Complete Street Striping: $420

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$25,990**
ASSUME (LUMP SUM) FOR DRAINAGE	**$8,000**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$1,299**
ADD 25% CONTINGENCY	**$6,497**
TOTAL	**$41,786**
SAY	**$42,000**
COMPLETE STREETS FUNDING	**$146,852**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$7,343**
ADD 20% CONTINGENCY	**$29,370**
TOTAL	**$183,565**
SAY	**$184,000**

SAY $226,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #18: GROTON HARVARD ROAD / OLD GROTON HARVARD ROAD - BICYCLE ACCOMODATION

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	25	Feet
Roadway Area	0	SY
% Cracking	80%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	1000	Feet
Roadway Width	32	Feet
Total Roadway Area	3556	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	3200.00	SY
Tons of Asphalt for Mill and Overlay	313.60	Ton

Cost for Mill and Overlay: $47,360

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	0	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed		Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet

Cost for WCR's and Transition Curbing: $0

Granite Curbing

Roadway Length		Feet
Both Sides?	No	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	24	Feet
Total Crosswalk Length	48	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	40	Each
Bike Lane Area	6	SF/Marking
Total Area	240	SF
Bike Lane Signs	50	Each
Sign Area	7	SF/Sign
Total Area	350	SF

Cost For Complete Street Striping: $7,050

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$47,360**
ASSUME FOR 5% DRAINAGE	**$2,368**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$2,368**
ADD 25% CONTINGENCY	**$11,840**
TOTAL	**$63,936**
SAY	**$64,000**
COMPLETE STREETS FUNDING	**$7,050**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$353**
ADD 20% CONTINGENCY	**$1,410**
TOTAL	**$8,813**
SAY	**$9,000**

SAY $73,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #19: FLETCHER STREET - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	25	Feet
Roadway Area	0	SY
% Cracking	80%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	1620	Feet
Roadway Width	30	Feet
Total Roadway Area	5400	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	453.60	Ton
Tons of Asphalt for Leveling Course	151.20	Ton
Cost of Overlay	$45,360.00	
Cost of Leveling	$18,900.00	

Cost for Level and Overlay: $64,260

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	1620	Feet
Average Width of Sidewalk	5	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	900.00	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	300.0	CY

Cost For Sidewalk: $66,700

Cement Concrete WCRs & Transition Curbing

WCR Needed	10	Each
Assumed Area	150	SF
Total WCR Area	167	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	180	Feet

Cost for WCR's and Transition Curbing: $18,460

Granite Curbing

Roadway Length		Feet
Both Sides?	No	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	150	Feet
Total Crosswalk Length	300	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	50	Each
Bike Lane Area	6	SF/Marking
Total Area	300	SF
Bike Lane Signs	0	Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $2,850

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$64,260**
DRAINAGE	**$53,250**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$3,213**
ADD 25% CONTINGENCY	**$16,065**
TOTAL	**$136,788**
SAY	**$137,000**
COMPLETE STREETS FUNDING	**$88,010**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$4,401**
ADD 20% CONTINGENCY	**$17,602**
TOTAL	**$110,013**
SAY	**$111,000**

SAY $248,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #20: PINE STREET - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	25	Feet
Roadway Area	0	SY
% Cracking	80%	
Gallons of Sealant Needed	0	Gallon

50 FEET PER GALLON

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	600	Feet
Roadway Width	22	Feet
Total Roadway Area	1467	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	123.20	Ton
Tons of Asphalt for Leveling Course	41.07	Ton
Cost of Overlay	$12,320.00	
Cost of Leveling	$5,133.33	

Cost for Level and Overlay: $17,453

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	600	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	400.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	133.3	CY

Cost For Sidewalk: $29,644

Cement Concrete WCRs & Transition Curbing

WCR Needed	6	Each
Assumed Area	150	SF
Total WCR Area	100	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	108	Feet

Cost for WCR's and Transition Curbing: $11,076

Granite Curbing

Roadway Length	200	Feet
Both Sides?	No	
Curbing Length	200	Feet

Cost for Roadway: $9,400

Complete Street Striping & Signs

Crossing Length	66	Feet
Total Crosswalk Length	132	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	50	Each
Bike Lane Area	6	SF/Marking
Total Area	300	SF
Bike Lane Signs	0	Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $2,430

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$17,453**
DRAINAGE	**$13,500**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$873**
ADD 25% CONTINGENCY	**$4,363**
TOTAL	**$36,189**
SAY	**$37,000**
COMPLETE STREETS FUNDING	**$52,550**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$2,628**
ADD 20% CONTINGENCY	**$10,510**
TOTAL	**$65,688**
SAY	**$66,000**

SAY $103,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #21: MAPLE STREET - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	250	Feet
Roadway Width	24	Feet
Roadway Area	667	SY
Gallons of Sealant Needed	1000	Gallon

Cost for Crack Sealing: $8,500

Level and Overlay

Roadway Length	300	Feet
Roadway Width	24	Feet
Total Roadway Area	800	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	67.20	Ton
Tons of Asphalt for Leveling Course	22.40	Ton
Cost of Overlay	$6,720.00	
Cost of Leveling	$2,800.00	

Cost for Level and Overlay: $9,520

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	870	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	580.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	193.3	CY

Cost For Sidewalk: $42,984

Cement Concrete WCRs & Transition Curbing

WCR Needed	4	Each
Assumed Area	150	SF
Total WCR Area	67	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	72	Feet

Cost for WCR's and Transition Curbing: $7,384

Granite Curbing

Roadway Length	635	Feet
Both Sides?	No	
Curbing Length	635	Feet

Cost for Roadway: $29,845

Complete Street Striping & Signs

Crossing Length	44	Feet
Total Crosswalk Length	88	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	50	Each
Bike Lane Area	6	SF/Marking
Total Area	300	SF
Bike Lane Signs	0	Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $2,320

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$18,020**
DRAINAGE	**$28,500**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$901**
ADD 25% CONTINGENCY	**$4,505**
TOTAL	**$51,926**
SAY	**$52,000**
COMPLETE STREETS FUNDING	**$82,533**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$4,127**
ADD 20% CONTINGENCY	**$16,507**
TOTAL	**$103,167**
SAY	**$104,000**

SAY $156,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #22: WESTFORD ROAD - BICYCLE ACCOMODATION

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	1000	Feet
Roadway Width	32	Feet
Roadway Area	3556	SY
% Cracking	80%	
Gallons of Sealant Needed	4000	Gallon

Cost for Crack Sealing: $34,000

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	0	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed	0	Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet

Cost for WCR's and Transition Curbing: $0

Granite Curbing

Roadway Length	0	Feet
Both Sides?	No	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	0	Feet
Total Crosswalk Length	0	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	51	Each
Bike Lane Area	6	SF/Marking
Total Area	306	SF
Bike Lane Signs	30	Each
Sign Area	7	SF/Sign
Total Area	210	SF

Cost For Complete Street Striping: $5,292

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$34,000**
ASSUME FOR 5% DRAINAGE	**$0**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$1,700**
ADD 25% CONTINGENCY	**$8,500**
TOTAL	**$44,200**
SAY	**$45,000**
COMPLETE STREETS FUNDING	**$5,292**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$265**
ADD 20% CONTINGENCY	**$1,058**
TOTAL	**$6,615**
SAY	**$7,000**

SAY $52,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #23: LITTLETON ROAD - BICYCLE ACCOMODATION

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	0	Feet
Roadway Width	32	Feet
Roadway Area	0	SY
% Cracking	80%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	0	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed	0	Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet

Cost for WCR's and Transition Curbing: $0

Granite Curbing

Roadway Length	0	Feet
Both Sides?	No	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	0	Feet
Total Crosswalk Length	0	Feet
Sharrows Needed	23	Each
Sharrow Area	15	SF/Sharrow
Total Area	345	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	30	Each
Sign Area	7	SF/Sign
Total Area	210	SF

Cost For Complete Street Striping: $5,565

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	$0
ASSUME FOR 5% DRAINAGE	$0
ASSUME 5% FOR TRAFFIC MANAGEMENT	$0
ADD 25% CONTINGENCY	$0
TOTAL	$0
SAY	$0
COMPLETE STREETS FUNDING	$5,565
ASSUME 5% FOR TRAFFIC MANAGEMENT	$278
ADD 20% CONTINGENCY	$1,113
TOTAL	$6,956
SAY	$7,000

SAY $7,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #24: CENTRAL AVENUE - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	2423	Feet
Roadway Width	24	Feet
Roadway Area	6461	SY
Gallons of Sealant Needed	2000	Gallon

Cost for Crack Sealing: $17,000

Level and Overlay

Roadway Length	0	Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	2423	Feet
Average Width of Sidewalk	5	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	1346.11	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	448.7	CY

Cost For Sidewalk: $99,762

Cement Concrete WCRs & Transition Curbing

WCR Needed	4	Each
Assumed Area	150	SF
Total WCR Area	67	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	72	Feet

Cost for WCR's and Transition Curbing: $7,384

Granite Curbing

Roadway Length	2423	Feet
Both Sides?	No	
Curbing Length	2423	Feet

Cost for Roadway: $113,881

Complete Street Striping & Signs

Crossing Length		Feet
Total Crosswalk Length	0	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	0	Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $0

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$17,000**
DRAINAGE	**$14,250**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$850**
ADD 25% CONTINGENCY	**$4,250**
TOTAL	**$36,350**
SAY	**$37,000**
COMPLETE STREETS FUNDING	**$221,027**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$11,051**
ADD 20% CONTINGENCY	**$44,205**
TOTAL	**$276,283**
SAY	**$277,000**

SAY $314,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #25: SHAKER ROAD - BICYCLE ACCOMODATIONS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	325	Feet
Roadway Width	24	Feet
Roadway Area	867	SY
% Cracking	80%	
Gallons of Sealant Needed	1000	Gallon

Cost for Crack Sealing: $8,500

Level and Overlay

Roadway Length	700	Feet
Roadway Width	24	Feet
Total Roadway Area	1867	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	156.80	Ton
Tons of Asphalt for Leveling Course	52.27	Ton
Cost of Overlay	$15,680.00	
Cost of Leveling	$6,533.33	

Cost for Level and Overlay: $22,213

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	no	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	0	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed	0	Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet

Cost for WCR's and Transition Curbing: $0

Granite Curbing

Roadway Length	0	Feet
Both Sides?	No	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	0	Feet
Total Crosswalk Length	0	Feet
Sharrows Needed	8	Each
Sharrow Area	15	SF/Sharrow
Total Area	120	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	5	Each
Sign Area	7	SF/Sign
Total Area	35	SF

Cost For Complete Street Striping: $1,365

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$30,713**
ASSUME FOR 5% DRAINAGE	**$1,536**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$1,536**
ADD 25% CONTINGENCY	**$7,678**
TOTAL	**$41,463**
SAY	**$42,000**
COMPLETE STREETS FUNDING	**$1,365**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$68**
ADD 20% CONTINGENCY	**$273**
TOTAL	**$1,706**
SAY	**$2,000**

SAY $44,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #26: GROTON SCHOOL ROAD - BICYCLE ACCOMODATION

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	1000	Feet
Roadway Width	32	Feet
Roadway Area	3556	SY
% Cracking	80%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	0	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	0.00	SY
4 Inch Cem. Conc		
8 Inch Gravel Base		
Volume for Excavation	0.0	CY

Cost For Sidewalk: $0

Cement Concrete WCRs & Transition Curbing

WCR Needed	0	Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet

Cost for WCR's and Transition Curbing: $0

Granite Curbing

Roadway Length	0	Feet
Both Sides?	No	
Curbing Length	0	Feet

Cost for Roadway: $0

Complete Street Striping & Signs

Crossing Length	0	Feet
Total Crosswalk Length	0	Feet
Sharrows Needed	40	Each
Sharrow Area	15	SF/Sharrow
Total Area	600	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	40	Each
Sign Area	7	SF/Sign
Total Area	280	SF

Cost For Complete Street Striping: $8,400

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$0**
DRAINAGE	**$0**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$0**
ADD 25% CONTINGENCY	**$0**
TOTAL	**$0**
SAY	**$0**
COMPLETE STREETS FUNDING	**$8,400**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$420**
ADD 20% CONTINGENCY	**$1,680**
TOTAL	**$10,500**
SAY	**$11,000**

SAY $11,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #27: HOWARD STREET - SIDEWALK, RAMPS & CROSSWALKS

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length	1000	Feet
Roadway Width	32	Feet
Roadway Area	3556	SY
% Cracking	80%	
Gallons of Sealant Needed	0	Gallon

Cost for Crack Sealing: $0

Level and Overlay

Roadway Length	0	Feet
Roadway Width	25	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	865	Feet
Average Width of Sidewalk	6	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	576.67	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	192.2	CY

Cost For Sidewalk: $42,737

Cement Concrete WCRs & Transition Curbing

WCR Needed	6	Each
Assumed Area	150	SF
Total WCR Area	100	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	108	Feet

Cost for WCR's and Transition Curbing: $11,076

Granite Curbing

Roadway Length	530	Feet
Both Sides?	No	
Curbing Length	530	Feet

Cost for Roadway: $24,910

Complete Street Striping & Signs

Crossing Length	168	Feet
Total Crosswalk Length	336	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	0	Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $840

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$0**
DRAINAGE	**$43,000**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$0**
ADD 25% CONTINGENCY	**$0**
TOTAL	**$43,000**
SAY	**$43,000**
COMPLETE STREETS FUNDING	**$79,563**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$3,978**
ADD 20% CONTINGENCY	**$15,913**
TOTAL	**$99,454**
SAY	**$100,000**

SAY $143,000

FOR ROUGH COST ESTIMATE ONLY

PROJECT #28: FITCHBURG ROAD - SIDEWALK

CHAPTER 90 ROADWAY COSTS

Crack Seal

Roadway Length		Feet
Roadway Width	24	Feet
Roadway Area	0	SY
Gallons of Sealant Needed	2000	Gallon

Cost for Crack Sealing: $17,000

Level and Overlay

Roadway Length	0	Feet
Roadway Width	24	Feet
Total Roadway Area	0	SY
Depth of Pavement for Overlay	1.5	Inches
Depth of Pavement for Leveling	0.5	Inches
Tons of Asphalt for Overlay	0.00	Ton
Tons of Asphalt for Leveling Course	0.00	Ton
Cost of Overlay	$0.00	
Cost of Leveling	$0.00	

Cost for Level and Overlay: $0

Mill and Overlay

Roadway Length	0	Feet
Roadway Width	32	Feet
Total Roadway Area	0	SY
Depth of Pavement for Cold Plane	1.75	Inches
Area of Mill & Overlay	0.00	SY
Tons of Asphalt for Mill and Overlay	0.00	Ton

Cost for Mill and Overlay: $0

Roadway Striping

Roadway Length	0	Feet
DYCL	Yes	
DYCL Length	0	Feet
SWEL Line	Yes	
SWEL Length	0	Feet
Total Length	0	Feet

Cost For Roadway Striping: $0

COMPLETE STREET COSTS

Cement Concrete Sidewalk

Length of Sidewalk	1500	Feet
Average Width of Sidewalk	5	Feet
# Side of Sidewalk (1 or 2)	1	side
Sidewalk Area	833.33	SY
	4 Inch Cem. Conc	
	8 Inch Gravel Base	
Volume for Excavation	277.8	CY

Cost For Sidewalk: $61,759

Cement Concrete WCRs & Transition Curbing

WCR Needed		Each
Assumed Area	150	SF
Total WCR Area	0	SY
Assume Transition Curbing	18	Feet/WCR
Total Transition Curbing	0	Feet

Cost for WCR's and Transition Curbing: $0

Granite Curbing

Roadway Length	1500	Feet
Both Sides?	No	
Curbing Length	1500	Feet

Cost for Roadway: $70,500

Complete Street Striping & Signs

Crossing Length		Feet
Total Crosswalk Length	0	Feet
Sharrows Needed	0	Each
Sharrow Area	15	SF/Sharrow
Total Area	0	SF
Bike Lane Markings Needed	0	Each
Bike Lane Area	6	SF/Marking
Total Area	0	SF
Bike Lane Signs	0	Each
Sign Area	7	SF/Sign
Total Area	0	SF

Cost For Complete Street Striping: $0

PROJECT CONSTRUCTION COST

CHAPTER 90 ROADWAY TOTAL	**$17,000**
DRAINAGE	**$14,250**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$850**
ADD 25% CONTINGENCY	**$4,250**
TOTAL	**$36,350**
SAY	**$37,000**
COMPLETE STREETS FUNDING	**$132,259**
ASSUME 5% FOR TRAFFIC MANAGEMENT	**$6,613**
ADD 20% CONTINGENCY	**$26,452**
TOTAL	**$165,324**
SAY	**$166,000**

SAY $203,000

FOR ROUGH COST ESTIMATE ONLY

Appendix C

Inventory Reports

Sidewalk Location and Length Summary

Town of Ayer, Massachusetts

Complete Streets Program

Sidewalk Location and Length Summary

Sidewalk Location	Length (Miles)
One Side	8.94
Both Sides	6.24
Total:	**15.18**

Appendix C

Inventory Reports

Sidewalk Backlog Summary

Town of Ayer, Massachusetts

Complete Streets Program

Sidewalk Backlog and Condition Summary By - Material Type

Condition	Length (Miles)	Unit Cost Square Yards	Estimated Cost
Asphalt			
Poor	0.68	$50.00	$81,942.67
Fair	4.22	$25.00	$261,788.27
Good	8.59	$0.00	$0.00
	13.49		**$343,730.93**
Brick			
Poor	0.05	$50.00	$5,573.33
Fair	0.11	$25.00	$7,832.00
	0.15		**$13,405.33**
Concrete			
Poor	0.69	$75.00	$97,841.33
Fair	1.39	$25.00	$130,813.47
Good	1.81	$0.00	$0.00
	3.89		**$228,654.80**
Mix			
Poor	0.12	$50.00	$15,614.13
Fair	0.69	$25.00	$48,574.53
Good	0.22	$0.00	$0.00
	1.03		**$64,188.67**
Total	**18.56**		**$649,979.73**

Appendix C

Inventory Reports

Sidewalk Condition Summary

Town of Ayer, Massachusetts

Complete Streets Program

Sidewalk Condition Summary

Street Name	From	To	Exists	Length	Width	Material	Condition
ADAMS STREET							
ADAMS ST	CENTRAL AVENUE	CAMBRIDGE STREET	**Even**	211.20	4	Asphalt	**Good**
ADAMS ST	CENTRAL AVENUE	CAMBRIDGE STREET	**Odd**	211.20	3	Asphalt	**Good**
			Total Length:	**422.40**			
BENNETTS CROSSING							
BENNETTS CROSSING-02	ROBBINS ROAD	PING RY WAY	**Even**	285.12	4	Asphalt	**Good**
BENNETTS CROSSING-02	ROBBINS ROAD	PING RY WAY	**Odd**	285.12	4	Asphalt	**Good**
BENNETTS CROSSING-03	PING RY WAY	CUL-DE-SAC	**Even**	427.68	4	Asphalt	**Good**
BENNETTS CROSSING-03	PING RY WAY	CUL-DE-SAC	**Odd**	427.68	3	Asphalt	**Good**
			Total Length:	**1,425.60**			
BLUEBERRY CIRCLE							
BLUEBERRY CIR	CALVIN STREET	CUL-DE-SAC	**Even**	270.34	4	Asphalt	**Good**
			Total Length:	**270.34**			
CAMBRIDGE STREET							
CAMBRIDGE ST-03	WASHINGTON STREET	COLUMBIA STREET	**Even**	413.42	5	Asphalt	**Fair**
CAMBRIDGE ST-03	WASHINGTON STREET	COLUMBIA STREET	**Odd**	413.42	5	Asphalt	**Fair**
CAMBRIDGE ST-04	COLUMBIA STREET	ADAMS STREET	**Even**	423.46	4	Concrete	**Fair**
CAMBRIDGE ST-04	COLUMBIA STREET	ADAMS STREET	**Odd**	423.46	5	Concrete	**Fair**
			Total Length:	**1,673.76**			
CENTRAL AVENUE							
CENTRAL AVE-01	COLUMBIA STREET	ADAMS STREET	**Even**	477.31	5	Asphalt	**Good**
CENTRAL AVE-01	COLUMBIA STREET	ADAMS STREET	**Odd**	477.31	5	Concrete	**Good**
CENTRAL AVE-02	ADAMS STREET	NORWOOD AVENUE	**Even**	338.98	5	Asphalt	**Good**
CENTRAL AVE-02	ADAMS STREET	NORWOOD AVENUE	**Odd**	338.98	5	Asphalt	**Good**
CENTRAL AVE-03	NORWOOD AVENUE	60 CENTRAL AVENUE	**Even**	1,665.31	5	Asphalt	**Good**
CENTRAL AVE-04	60 CENTRAL AVENUE	GROTON HARVARD ROAD	**Even**	1,665.31	5	Asphalt	**Good**
CENTRAL AVE-05	GROTON HARVARD ROAD	OAK GROVE STREET	**Even**	819.98	4	Asphalt	**Fair**
CENTRAL AVE-06	OAK GROVE STREET	GROVELAND STREET	**Even**	213.31	4	Asphalt	**Fair**
CENTRAL AVE-07	GROVELAND STREET	SANDY POND ROAD	**Even**	1,160.02	4	Asphalt	**Fair**
			Total Length:	**7,156.51**			
CHURCH STREET							
CHURCH ST	EAST MAIN STREET	GROVE STREET	**Even**	422.40	3	Asphalt	**Poor**
			Total Length:	**422.40**			

Street Name	From	To	Exists	Length	Width	Material	Condition
COLUMBIA STREET							
COLUMBIA ST-01	MAIN STREET	CENTRAL AVENUE	**Even**	158.40	6	Concrete	**Fair**
COLUMBIA ST-01	MAIN STREET	CENTRAL AVENUE	**Odd**	158.40	5	Concrete	**Good**
COLUMBIA ST-02	CENTRAL AVENUE	CAMBRIDGE STREET	**Even**	78.67	4	Asphalt	**Fair**
COLUMBIA ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Even**	211.20	4	Asphalt	**Fair**
COLUMBIA ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Odd**	211.20	4	Concrete	**Good**
			Total Length:	**817.87**			
EAST MAIN STREET							
EAST MAIN ST-01	HARVARD ROAD	PINE STREET	**Even**	251.86	5	Asphalt	**Fair**
EAST MAIN ST-01	HARVARD ROAD	PINE STREET	**Odd**	251.86	5	Asphalt	**Fair**
EAST MAIN ST-02	PINE STREET	GROTON HARVARD ROAD	**Even**	267.70	5	Asphalt	**Fair**
EAST MAIN ST-02	PINE STREET	GROTON HARVARD ROAD	**Odd**	267.70	6	Asphalt	**Fair**
EAST MAIN ST-03	GROTON HARVARD ROAD	MAPLE STREET	**Even**	411.31	5	Asphalt	**Fair**
EAST MAIN ST-03	GROTON HARVARD ROAD	MAPLE STREET	**Odd**	411.31	5	Concrete	**Fair**
EAST MAIN ST-04	MAPLE STREET	POND STREET	**Even**	525.36	5	Asphalt	**Fair**
EAST MAIN ST-04	MAPLE STREET	POND STREET	**Odd**	525.36	5	Asphalt	**Fair**
EAST MAIN ST-05	POND STREET	OAK STREET	**Even**	227.57	5	Asphalt	**Fair**
EAST MAIN ST-05	POND STREET	OAK STREET	**Odd**	227.57	5	Asphalt	**Fair**
EAST MAIN ST-06	OAK STREET	SCHOOL STREET	**Even**	284.06	5	Asphalt	**Fair**
EAST MAIN ST-06	OAK STREET	SCHOOL STREET	**Odd**	284.06	5	Asphalt	**Fair**
EAST MAIN ST-07	SCHOOL STREET	MAIN STREET	**Even**	422.40	4	Asphalt	**Fair**
EAST MAIN ST-07	SCHOOL STREET	MAIN STREET	**Odd**	422.40	4	Asphalt	**Fair**
			Total Length:	**4,780.51**			
EAST STREET							
EAST ST-02	HARVARD ROAD	FLETCHER STREET	**Even**	215.95	4	Concrete	**Fair**
EAST ST-02	HARVARD ROAD	FLETCHER STREET	**Odd**	215.95	3	Concrete	**Fair**
EAST ST-03	FLETCHER STREET	THIRD STREET	**Even**	250.80	4	Concrete	**Fair**
EAST ST-03	FLETCHER STREET	THIRD STREET	**Odd**	250.80	4	Concrete	**Fair**
			Total Length:	**933.50**			
ELM STREET							
ELM ST-01	GROVE STREET	PROSPECT STREET	**Even**	264.00	4	Asphalt	**Fair**
ELM ST-01	GROVE STREET	PROSPECT STREET	**Odd**	264.00	4	Asphalt	**Fair**
ELM ST-02	PROSPECT STREET	EAST MAIN STREET	**Even**	158.40	4	Asphalt	**Fair**
ELM ST-02	PROSPECT STREET	EAST MAIN STREET	**Odd**	158.40	4	Asphalt	**Fair**
			Total Length:	**844.80**			
FAULKNER STREET							
FAULKNER ST-02	ELM STREET	LINDEN COURT	**Odd**	260.30	4	Concrete	**Fair**
FAULKNER ST-04	CHURCH STREET	FOREST STREET	**Odd**	211.20	4	Concrete	**Good**
			Total Length:	**471.50**			

Street Name	From	To	Exists	Length	Width	Material	Condition
FLETCHER STREET							
FLETCHER ST-01	EAST STREET	PINE STREET	**Even**	484.70	3	Asphalt	**Fair**
FLETCHER ST-01	EAST STREET	PINE STREET	**Odd**	484.70	3	Asphalt	**Fair**
FLETCHER ST-02	PINE STREET	MAPLE STREET	**Even**	223.87	3	Asphalt	**Poor**
FLETCHER ST-02	PINE STREET	MAPLE STREET	**Odd**	223.87	3	Asphalt	**Poor**
FLETCHER ST-03	MAPLE STREET	WHITCOMB AVENUE	**Even**	336.86	3	Asphalt	**Fair**
FLETCHER ST-03	MAPLE STREET	WHITCOMB AVENUE	**Odd**	336.86	3	Asphalt	**Fair**
FLETCHER ST-04	WHITCOMB AVENUE	POND STREET	**Even**	231.26	3	Asphalt	**Fair**
FLETCHER ST-04	WHITCOMB AVENUE	POND STREET	**Odd**	231.26	5	Concrete	**Fair**
			Total Length:	**2,553.41**			
FOREST STREET							
FOREST ST-01	BLIGH STREET	GROVE STREET	**Even**	211.20	3	Concrete	**Poor**
FOREST ST-02	GROVE STREET	EAST MAIN STREET	**Even**	369.60	4	Concrete	**Good**
FOREST ST-02	GROVE STREET	EAST MAIN STREET	**Odd**	369.60	3	Concrete	**Poor**
			Total Length:	**950.40**			
FOX RUN DRIVE							
FOX RUN DR	SNAKE HILL ROAD	DEAD END	**Even**	982.61	4	Asphalt	**Good**
FOX RUN DR	SNAKE HILL ROAD	DEAD END	**Odd**	982.61	4	Asphalt	**Good**
			Total Length:	**1,965.22**			
GROTON HARVARD ROAD							
GROTON HARVARD RD-04	CENTRAL AVENUE	OAKRIDGE DRIVE	**Even**	1,842.72	4	Asphalt	**Good**
GROTON HARVARD RD-05	OAKRIDGE DRIVE	WASHINGTON STREET	**Even**	798.86	4	Asphalt	**Good**
			Total Length:	**2,641.58**			
GROTON SCHOOL ROAD							
GROTON SCHOOL RD-07	GROTON SHIRLEY ROAD	AMANDREY WAY	**Even**	143.62	3	Asphalt	**Good**
GROTON SCHOOL RD-08	AMANDREY WAY	GROTON TOWN LINE	**Even**	301.49	3	Asphalt	**Good**
			Total Length:	**445.10**			
GROVE STREET							
GROVE ST-04	ELM STREET	CHURCH STREET	**Even**	304.66	4	Asphalt	**Poor**
GROVE ST-04	ELM STREET	CHURCH STREET	**Odd**	304.66	4	Mix	**Poor**
GROVE ST-05	CHURCH STREET	FOREST STREET	**Even**	318.38	4	Asphalt	**Poor**
GROVE ST-05	CHURCH STREET	FOREST STREET	**Odd**	318.38	5	Mix	**Poor**
			Total Length:	**1,246.08**			
HAYMEADOW LANE							
HAYMEADOWN LN-01	FOX RUN DRIVE	QUAIL RUN	**Even**	607.20	4	Asphalt	**Good**
HAYMEADOWN LN-01	FOX RUN DRIVE	QUAIL RUN	**Odd**	607.20	4	Asphalt	**Good**
HAYMEADOWN LN-02	QUAIL RUN	OLD FARM WAY	**Even**	351.12	4	Asphalt	**Good**
HAYMEADOWN LN-02	QUAIL RUN	OLD FARM WAY	**Odd**	351.12	4	Asphalt	**Good**
			Total Length:	**1,916.64**			

Street Name	From	To	Exists	Length	Width	Material	Condition
HIBISCUS LANE							
HIBISCUS LN-01	MULBERRY CIRCLE	MAGNOLIA DRIVE	**Even**	344.78	3	Asphalt	**Fair**
HIBISCUS LN-01	MULBERRY CIRCLE	MAGNOLIA DRIVE	**Odd**	344.78	3	Asphalt	**Fair**
			Total Length:	**689.57**			
HIGH STREET							
HIGH ST-01	HOLMES STREET	LINCOLN STREET	**Even**	158.40	4	Concrete	**Poor**
HIGH ST-02	LINCOLN STREET	NORWOOD AVENUE	**Even**	211.20	4	Mix	**Fair**
HIGH ST-03	NORWOOD AVENUE	WINTHROP AVENUE	**Odd**	334.22	4	Concrete	**Fair**
			Total Length:	**703.82**			
HIGHLAND AVENUE							
HIGHLAND AVE-02	NASHUA STREET	COOLIDGE ROAD	**Even**	279.84	4	Asphalt	**Fair**
HIGHLAND AVE-03	COOLIDGE ROAD	LINCOLN STREET	**Even**	248.16	3	Asphalt	**Fair**
HIGHLAND AVE-04	LINCOLN STREET	NORWOOD AVENUE	**Even**	421.87	4	Asphalt	**Good**
HIGHLAND AVE-05	NORWOOD AVENUE	BRILIANA COURT	**Even**	264.53	4	Asphalt	**Good**
			Total Length:	**1,214.40**			
HOWARD STREET							
HOWARD ST-01	WASHINGTON STREET	NASHUA STREET	**Even**	174.24	4	Concrete	**Poor**
			Total Length:	**174.24**			
ISAACS LANE							
ISAACS LN	GROTON SCHOOL ROAD	CUL-DE-SAC	**Even**	1,041.22	4	Asphalt	**Fair**
			Total Length:	**1,041.22**			
JACKSON STREET							
JACKSON ST-01	GROTON STREET	HOWARD STREET	**Even**	422.40	4	Mix	**Fair**
			Total Length:	**422.40**			
JOHN RILEY ROAD							
JOHN RILEY RD	GROTON SCHOOL ROAD	CUL-DE-SAC	**Even**	617.23	4	Asphalt	**Good**
			Total Length:	**617.23**			
LINCOLN STREET							
LINCOLN ST-01	HIGH STREET	HIGHLAND AVENUE	**Odd**	462.00	4	Concrete	**Good**
			Total Length:	**462.00**			
MAIN STREET							
MAIN ST-01	PARK STREET	WEST STREET	**Even**	211.20	6	Mix	**Fair**
MAIN ST-01	PARK STREET	WEST STREET	**Odd**	211.20	6	Mix	**Fair**
MAIN ST-02	WEST STREET	PLEASANT STREET	**Even**	158.40	6	Mix	**Fair**
MAIN ST-02	WEST STREET	PLEASANT STREET	**Odd**	158.40	6	Mix	**Fair**
MAIN ST-03	PLEASANT STREET	WASHINGTON STREET	**Even**	222.29	5	Concrete	**Good**
MAIN ST-03	PLEASANT STREET	WASHINGTON STREET	**Odd**	222.29	6	Mix	**Good**
MAIN ST-04	WASHINGTON STREET	COLUMBIA STREET	**Even**	464.11	5	Concrete	**Fair**

Street Name	From	To	Exists	Length	Width	Material	Condition
MAIN ST-04	WASHINGTON STREET	COLUMBIA STREET	**Odd**	464.11	6	Mix	**Fair**
MAIN ST-05	COLUMBIA STREET	BRIDGE	**Even**	391.25	5	Concrete	**Good**
MAIN ST-05	COLUMBIA STREET	BRIDGE	**Odd**	391.25	5	Mix	**Good**
MAIN ST-06	BRIDGE	EAST MAIN STREET	**Even**	347.95	5	Asphalt	**Fair**
MAIN ST-06	BRIDGE	EAST MAIN STREET	**Odd**	347.95	5	Asphalt	**Fair**
			Total Length:	**3,590.40**			
MAPLE STREET							
MAPLE ST-02	FLETCHER STREET	THIRD STREET	**Even**	279.84	3	Asphalt	**Fair**
MAPLE ST-02	FLETCHER STREET	THIRD STREET	**Odd**	279.84	3	Concrete	**Poor**
MAPLE ST-03	THIRD STREET	FOURTH STREET	**Odd**	316.80	3	Concrete	**Fair**
			Total Length:	**876.48**			
MECHANIC STREET							
MECHANIC ST	SHIRLEY STREET	WEST MAIN STREET	**Odd**	211.20	5	Concrete	**Fair**
			Total Length:	**211.20**			
MOUNTAIN LAUREL ROAD							
MOUNTAIN LAUREL RD-01	SANDY POND ROAD	MOUNTAIN LAUREL RD-02	**Even**	479.95	4	Asphalt	**Good**
MOUNTAIN LAUREL RD-02	MOUNTAIN LAUREL RD-01	MOUNTAIN LAUREL RD-01	**Even**	1,386.00	4	Asphalt	**Good**
MOUNTAIN LAUREL RD-02	MOUNTAIN LAUREL RD-01	MOUNTAIN LAUREL RD-01	**Odd**	1,386.00	4	Asphalt	**Good**
			Total Length:	**3,251.95**			
MULBERRY CIRCLE							
MULBERRY CIR	WESTFORD ROAD	MULBERRY CIRCLE	**Even**	399.70	4	Asphalt	**Fair**
MULBERRY CIR	WESTFORD ROAD	MULBERRY CIRCLE	**Odd**	399.70	4	Asphalt	**Fair**
			Total Length:	**799.39**			
NASHUA STREET							
NASHUA ST-01	WILLIAM STREET	HIGHLAND AVENUE	**Even**	422.40	4	Asphalt	**Fair**
NASHUA ST-05	WASHINGTON STREET	HOWARD STREET	**Even**	159.46	5	Concrete	**Fair**
NASHUA ST-05	WASHINGTON STREET	HOWARD STREET	**Odd**	159.46	4	Concrete	**Fair**
NASHUA ST-06	HOWARD STREET	TAFT STREET	**Even**	685.34	3	Asphalt	**Fair**
			Total Length:	**1,426.66**			
NASHUA STREET EXTENSION							
NASHUA ST EXT	TAFT STREET	DEAD END	**Even**	211.20	3	Asphalt	**Fair**
			Total Length:	**211.20**			
NEWTON STREET							
NEWTON ST	WASHINGTON STREET	COLUMBIA STREET	**Even**	422.40	4	Mix	**Fair**
			Total Length:	**422.40**			
NORWOOD AVENUE							
NORWOOD AVE-02	HIGHLAND AVENUE	50 NORWOOD AVENUE	**Even**	264.00	4	Asphalt	**Good**
NORWOOD AVE-03	50 NORWOOD AVENUE	WASHINGTON STREET	**Even**	264.00	4	Asphalt	**Good**

Street Name	From	To	Exists	Length	Width	Material	Condition
			Total Length:	**528.00**			
OAK STREET							
OAK ST-01	EAST MAIN STREET	PROSPECT STREET	**Even**	171.60	4	Asphalt	**Fair**
OAK ST-01	EAST MAIN STREET	PROSPECT STREET	**Odd**	171.60	4	Asphalt	**Fair**
OAK ST-02	PROSPECT ST	GROVE ST	**Even**	250.80	4	Brick	**Poor**
			Total Length:	**594.00**			
OLD FARM WAY							
OLD FARM WAY	HAYMEADOW LANE	DEAD END	**Even**	925.58	4	Asphalt	**Good**
OLD FARM WAY	HAYMEADOW LANE	DEAD END	**Odd**	925.58	4	Asphalt	**Good**
			Total Length:	**1,851.17**			
OLD GROTON ROAD							
OLD GROTON RD-01	GROTON HARVARD ROAD	MADIGAN LN	**Even**	1,816.32	3	Asphalt	**Good**
OLD GROTON RD-02	MADIGAN LN	DRIVEWAY	**Even**	797.81	3	Asphalt	**Fair**
			Total Length:	**2,614.13**			
PARK STREET							
PARK ST-01	WEST MAIN STREET	GROTON STREET	**Even**	215.42	5	Asphalt	**Fair**
PARK ST-02	GROTON STREET	BROOK STREET	**Even**	477.31	5	Asphalt	**Good**
			Total Length:	**692.74**			
PEARL STREET							
PEARL ST-03	GROTON STREET	CAMBRIDGE STREET	**Even**	475.20	4	Asphalt	**Fair**
			Total Length:	**475.20**			
PINE STREET							
PINE ST-01	THIRD STREET	FLETCHER STREET	**Even**	264.00	3	Concrete	**Poor**
			Total Length:	**264.00**			
PINGRY WAY							
PINGRY WAY-01	BENNETTS CROSSING	ROBBINS ROAD	**Even**	1,433.52	4	Asphalt	**Good**
PINGRY WAY-01	BENNETTS CROSSING	ROBBINS ROAD	**Odd**	1,433.52	4	Asphalt	**Good**
PINGRY WAY-02	ROBBINS ROAD	CUL-DE-SAC	**Even**	1,019.04	4	Asphalt	**Good**
			Total Length:	**3,886.08**			
PLEASANT STREET							
PLEASANT ST-01	MAIN STREET	CAMBRIDGE STREET	**Even**	181.63	3	Concrete	**Fair**
PLEASANT ST-01	MAIN STREET	CAMBRIDGE STREET	**Odd**	181.63	3	Concrete	**Fair**
PLEASANT ST-02	CAMBRIDGE STREET	GROTON STREET	**Even**	844.80	5	Asphalt	**Poor**
PLEASANT ST-03	GROTON STREET	HOWARD STREET	**Even**	343.20	4	Concrete	**Good**
PLEASANT ST-03	GROTON STREET	HOWARD STREET	**Odd**	343.20	3	Concrete	**Fair**
PLEASANT ST-04	HOWARD STREET	TAFT STREET	**Even**	950.40	4	Mix	**Fair**
PLEASANT ST-04	HOWARD STREET	TAFT STREET	**Odd**	950.40	4	Concrete	**Poor**
			Total Length:	**3,795.26**			

Street Name	From	To	Exists	Length	Width	Material	Condition
PLEASANT STREET EXTENSION							
PLEASANT ST EXT	TAFT STREET	DEAD END	**Even**	211.20	4	Concrete	**Fair**
			Total Length:	**211.20**			
POND STREET							
POND ST-01	EAST MAIN STREET	FLETCHER STREET	**Even**	305.18	4	Concrete	**Good**
POND ST-02	FLETCHER STREET	DEAD END	**Even**	80.26	4	Concrete	**Good**
			Total Length:	**385.44**			
PROSPECT STREET							
PROSPECT ST-01	OAK STREET	SCHOOL STREET	**Odd**	264.00	4	Concrete	**Good**
PROSPECT ST-02	SCHOOL STREET	ELM STREET	**Even**	528.00	4	Concrete	**Good**
PROSPECT ST-02	SCHOOL STREET	ELM STREET	**Odd**	528.00	3	Asphalt	**Good**
			Total Length:	**1,320.00**			
QUAIL RUN							
QUAIL RUN	HAYMEADOW LANE	DEAD END	**Even**	389.66	4	Asphalt	**Good**
QUAIL RUN	HAYMEADOW LANE	DEAD END	**Odd**	389.66	4	Asphalt	**Good**
			Total Length:	**779.33**			
ROBBINS ROAD							
ROBBINS RD	BENNETTS CROSSING	PINGRY WAY	**Even**	1,683.79	4	Asphalt	**Good**
ROBBINS RD	BENNETTS CROSSING	PINGRY WAY	**Odd**	1,683.79	4	Asphalt	**Good**
			Total Length:	**3,367.58**			
ROGERS STREET							
ROGERS ST	WEST MAIN STREET	SHIRLEY STREET	**Even**	105.60	4	Asphalt	**Good**
ROGERS ST	WEST MAIN STREET	SHIRLEY STREET	**Odd**	105.60	4	Asphalt	**Good**
			Total Length:	**211.20**			
SANDY POND ROAD							
SANDY POND RD-01	FREDERICK CARLTON CIRC	PRIVATE DRIVE	**Even**	144.67	4	Asphalt	**Fair**
SANDY POND RD-02	PRIVATE DRIVE	CENTRAL AVENUE	**Even**	670.56	4	Asphalt	**Good**
SANDY POND RD-03	CENTRAL AVENUE	OLD SANDY POND ROAD	**Even**	251.86	4	Asphalt	**Good**
SANDY POND RD-04	OLD SANDY POND ROAD	SAMANTHA LANE	**Even**	446.16	4	Asphalt	**Good**
SANDY POND RD-05	SAMANTHA LANE	SNAKE HILL ROAD	**Even**	458.83	4	Asphalt	**Good**
			Total Length:	**1,972.08**			
SCHOOL STREET							
SCHOOL ST-01	EAST MAIN STREET	PROSPECT STREET	**Odd**	151.54	4	Concrete	**Poor**
SCHOOL ST-02	PROSPECT STREET	GROVE STREET	**Odd**	218.06	4	Concrete	**Poor**
SCHOOL ST-03	GROVE STREET	BLIGH STREET	**Odd**	316.80	4	Concrete	**Poor**
			Total Length:	**686.40**			
SCULLEY ROAD							
SCULLY RD-01	WEST MAIN STREET	PRIVATE ROAD	**Even**	1,056.00	4	Asphalt	**Good**

Street Name	From	To	Exists	Length	Width	Material	Condition
			Total Length:	**1,056.00**			
SHADOW LANE							
SHADOW LN	GROTON SCHOOL ROAD	CUL-DE-SAC	**Even**	196.42	4	Asphalt	**Good**
			Total Length:	**196.42**			
SHELLY LANE							
SHELLY LN	THIRD STREET	DEAD END	**Even**	303.60	3	Asphalt	**Good**
			Total Length:	**303.60**			
SHIRLEY STREET							
SHIRLEY ST-03	MECHANIC STREET	MILL STREET	**Even**	310.99	6	Asphalt	**Poor**
			Total Length:	**310.99**			
SNAKE HILL ROAD							
SNAKE HILL RD-01	LITTLETON ROAD	FOX RUN DRIVE	**Even**	2,561.33	4	Asphalt	**Good**
SNAKE HILL RD-01	LITTLETON ROAD	FOX RUN DRIVE	**Odd**	2,561.33	4	Asphalt	**Good**
SNAKE HILL RD-02	FOX RUN DRIVE	PRIVATE WAY	**Even**	568.13	4	Asphalt	**Good**
SNAKE HILL RD-02	FOX RUN DRIVE	PRIVATE WAY	**Odd**	568.13	4	Asphalt	**Good**
			Total Length:	**6,258.91**			
TAFT STREET							
TAFT ST-01	NASHUA STREET	PLEASANT STREET	**Odd**	528.00	3	Concrete	**Fair**
TAFT ST-02	PLEASANT STREET	JACKSON STREET	**Even**	214.37	3	Concrete	**Fair**
TAFT ST-02	PLEASANT STREET	JACKSON STREET	**Odd**	214.37	3	Concrete	**Fair**
			Total Length:	**956.74**			
THIRD STREET							
THIRD ST-02	EAST STREET	PINE STREET	**Even**	475.20	3	Concrete	**Fair**
THIRD ST-02	EAST STREET	PINE STREET	**Odd**	475.20	4	Concrete	**Good**
			Total Length:	**950.40**			
WASHINGTON STREET							
WASHINGTON ST-01	MAIN STREET	NEWTON STREET	**Even**	296.74	6	Concrete	**Good**
WASHINGTON ST-01	MAIN STREET	NEWTON STREET	**Odd**	296.74	6	Concrete	**Good**
WASHINGTON ST-02	NEWTON STREET	CAMBRIDGE STREET	**Even**	274.56	4	Asphalt	**Fair**
WASHINGTON ST-02	NEWTON STREET	CAMBRIDGE STREET	**Odd**	274.56	6	Asphalt	**Fair**
WASHINGTON ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Even**	271.92	5	Asphalt	**Fair**
WASHINGTON ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Odd**	271.92	6	Asphalt	**Fair**
WASHINGTON ST-04	WILLIAM STREET	WASHINGTON COURT	**Even**	511.10	5	Asphalt	**Fair**
WASHINGTON ST-04	WILLIAM STREET	WASHINGTON COURT	**Odd**	511.10	6	Asphalt	**Fair**
WASHINGTON ST-05	WASHINGTON COURT	HIGHLAND AVENUE	**Even**	230.21	5	Asphalt	**Fair**
WASHINGTON ST-05	WASHINGTON COURT	HIGHLAND AVENUE	**Odd**	230.21	5	Asphalt	**Fair**
WASHINGTON ST-06	HIGHLAND AVENUE	GROTON STREET	**Even**	563.90	4	Asphalt	**Fair**
WASHINGTON ST-06	HIGHLAND AVENUE	GROTON STREET	**Odd**	563.90	5	Brick	**Fair**
WASHINGTON ST-07	GROTON STREET	NASHUA STREET	**Even**	495.26	5	Asphalt	**Fair**

Street Name	From	To	Exists	Length	Width	Material	Condition
WASHINGTON ST-07	GROTON STREET	NASHUA STREET	**Odd**	495.26	5	Asphalt	**Fair**
WASHINGTON ST-08	NASHUA STREET	HOWARD STREET	**Even**	241.82	5	Asphalt	**Good**
WASHINGTON ST-08	NASHUA STREET	HOWARD STREET	**Odd**	241.82	5	Concrete	**Fair**
WASHINGTON ST-09	HOWARD STREET	MOUNTAIN AVENUE	**Even**	124.61	5	Mix	**Fair**
WASHINGTON ST-09	HOWARD STREET	MOUNTAIN AVENUE	**Odd**	124.61	5	Mix	**Fair**
WASHINGTON ST-10	MOUNTAIN AVENUE	NORWOOD AVENUE	**Even**	219.12	3	Asphalt	**Poor**
WASHINGTON ST-10	MOUNTAIN AVENUE	NORWOOD AVENUE	**Odd**	219.12	4	Asphalt	**Poor**
WASHINGTON ST-11	NORWOOD AVENUE	SCHOOL DRIVE	**Even**	100.32	5	Asphalt	**Fair**
WASHINGTON ST-11	NORWOOD AVENUE	SCHOOL DRIVE	**Odd**	100.32	4	Asphalt	**Fair**
			Total Length:	**6,659.14**			
WEST MAIN STREET							
WEST MAIN ST-01	PARK STREET	MECHANIC STREET	**Even**	438.24	5	Concrete	**Good**
WEST MAIN ST-01	PARK STREET	MECHANIC STREET	**Odd**	438.24	5	Concrete	**Good**
WEST MAIN ST-02	MECHANIC STREET	UNION STREET	**Even**	815.23	5	Concrete	**Good**
WEST MAIN ST-02	MECHANIC STREET	UNION STREET	**Odd**	815.23	5	Concrete	**Good**
WEST MAIN ST-03	UNION STREET	ROGERS STREET	**Even**	475.73	5	Concrete	**Good**
WEST MAIN ST-03	UNION STREET	ROGERS STREET	**Odd**	475.73	5	Mix	**Good**
WEST MAIN ST-04	ROGERS STREET	OVERPASS	**Even**	82.90	5	Asphalt	**Good**
WEST MAIN ST-04	ROGERS STREET	OVERPASS	**Odd**	82.90	5	Mix	**Good**
WEST MAIN ST-05	OVERPASS	OLD WEST MAIN STREET	**Even**	341.62	5	Asphalt	**Good**
WEST MAIN ST-05	OVERPASS	OLD WEST MAIN STREET	**Odd**	341.62	5	Asphalt	**Good**
WEST MAIN ST-06	OLD WEST MAIN STREET	MACARTHUR AVENUE	**Even**	1,502.69	5	Concrete	**Good**
WEST MAIN ST-06	OLD WEST MAIN STREET	MACARTHUR AVENUE	**Odd**	1,502.69	4	Asphalt	**Good**
			Total Length:	**7,312.80**			
WEST STREET							
WEST ST-01	MAIN STREET	PARKING LOT	**Even**	202.75	3	Asphalt	**Poor**
WEST ST-02	PARKING LOT	CAMBRIDGE STREET	**Even**	378.05	4	Asphalt	**Good**
			Total Length:	**580.80**			
WILLIAM STREET							
WILLIAM ST-01	WASHINGTON STREET	NASHUA STREET	**Even**	283.01	5	Asphalt	**Poor**
WILLIAM ST-02	NASHUA STREET	COLUMBIA STREET	**Even**	204.34	4	Asphalt	**Fair**
WILLIAM ST-03	COLUMBIA STREET	HOLMES STREET	**Even**	199.06	5	Mix	**Fair**
WILLIAM ST-04	HOLMES STREET	DEAD END	**Even**	528.00	4	Concrete	**Poor**
			Total Length:	**1,214.40**			
WINTERBERRY LANE							
WINTERBERRY LN	HIBISCUS LANE	CUL-DE-SAC	**Even**	633.07	3	Asphalt	**Good**
WINTERBERRY LN	HIBISCUS LANE	CUL-DE-SAC	**Odd**	633.07	3	Asphalt	**Good**
			Total Length:	**1,266.14**			
WINTHROP AVENUE							
WINTHROP AVE	HIGH STREET	HIGHLAND AVENUE	**Odd**	247.10	4	Concrete	**Fair**

Street Name	From	To	Exists	Length	Width	Material	Condition
			Total Length:	**247.10**			

Appendix C

Inventory Reports

Sidewalk Condition with Detailed Description

Town of Ayer, Massachusetts

Complete Streets Program

Sidewalk Condition Summary With Detailed Description and Curbing

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : ADAMS STREET							
Segment: ADAMS ST							
From:CENTRAL AVENUE To: CAMBRIDGE STREET							
Odd Side:	Odd	211.20	3	Asphalt	**Good**	Combination	4
Even Side:	Even	211.20	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	2
Street : BARNUM ROAD							
Segment: BARNUM RD							
From:FREDERICK CARLTON CIRCLE To: HARVARD TOWN LINE							
Odd Side:	Odd	132.53	4	Asphalt	**Fair**	Vertical Granite	6
Even Side:	None	132.53	0	None	**None**	None	6
Street : BENNETTS CROSSING							
Segment: BENNETTS CROSSING-02							
From:ROBBINS ROAD To: PING RY WAY							
Odd Side:	Odd	285.12	4	Asphalt	**Good**	Bit. Berm (Standard)	6
Even Side:	Even	285.12	4	Asphalt	**Good**	Bit. Berm (Standard)	6
Segment: BENNETTS CROSSING-03							
From:PING RY WAY To: CUL-DE-SAC							
Odd Side:	Odd	427.68	3	Asphalt	**Good**	Bit. Berm (Standard)	6
Even Side:	Even	427.68	4	Asphalt	**Good**	Bit. Berm (Standard)	6
Street : BLUEBERRY CIRCLE							
Segment: BLUEBERRY CIR							
From:CALVIN STREET To: CUL-DE-SAC							
Odd Side:	None	270.34	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	270.34	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : CALVIN STREET							
Segment: CALVIN ST-02							
From:CALVIN STREET EXT	**To: BLUEBERRY CIRCLE**						
Odd Side:	Odd	365.90	4	Asphalt	**Fair**	Bit. Berm (Cape Cod)	5
Even Side:	None	365.90	0	None	**None**	Bit. Berm (Cape Cod)	5
Segment: CALVIN ST-03							
From:BLUEBERRY CIRCLE	**To: PINE RIDGE DRIVE**						
Odd Side:	Odd	845.33	4	Asphalt	**Good**	None	0
Even Side:	None	845.33	0	None	**None**	Bit. Berm (Cape Cod)	4
Street : CAMBRIDGE STREET							
Segment: CAMBRIDGE ST-02							
From:PLEASANT STREET	**To: WASHINGTON STREET**						
Odd Side:	Odd	211.20	5	Asphalt	**Good**	Bit. Berm (Cape Cod)	3
Even Side:	None	211.20	0	None	**None**	Bit. Berm (Standard)	5
Segment: CAMBRIDGE ST-03							
From:WASHINGTON STREET	**To: COLUMBIA STREET**						
Odd Side:	Odd	413.42	5	Asphalt	**Fair**	Bit. Berm (Standard)	4
Even Side:	Even	413.42	5	Asphalt	**Fair**	Combination	3
Segment: CAMBRIDGE ST-04							
From:COLUMBIA STREET	**To: ADAMS STREET**						
Odd Side:	Odd	423.46	5	Concrete	**Fair**	Combination	4
Even Side:	Even	423.46	4	Concrete	**Fair**	Cement Concrete	6
Street : CENTRAL AVENUE							
Segment: CENTRAL AVE-01							
From:COLUMBIA STREET	**To: ADAMS STREET**						
Odd Side:	Odd	477.31	5	Concrete	**Good**	Combination	5
Even Side:	Even	477.31	5	Asphalt	**Good**	Bit. Berm (Standard)	4

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: CENTRAL AVE-02							
From:ADAMS STREET	**To: NORWOOD AVENUE**						
Odd Side:	Odd	338.98	5	Asphalt	**Good**	Bit. Berm (Standard)	4
Even Side:	Even	338.98	5	Asphalt	**Good**	Bit. Berm (Standard)	4
Segment: CENTRAL AVE-03							
From:NORWOOD AVENUE	**To: 60 CENTRAL AVENUE**						
Odd Side:	None	1,665.31	0	None	**None**	None	0
Even Side:	Even	1,665.31	5	Asphalt	**Good**	Bit. Berm (Standard)	6
Segment: CENTRAL AVE-04							
From:60 CENTRAL AVENUE	**To: GROTON HARVARD ROAD**						
Odd Side:	None	1,665.31	0	None	**None**	None	0
Even Side:	Even	1,665.31	5	Asphalt	**Good**	Bit. Berm (Standard)	6
Segment: CENTRAL AVE-05							
From:GROTON HARVARD ROAD	**To: OAK GROVE STREET**						
Odd Side:	None	819.98	0	None	**None**	None	0
Even Side:	Even	819.98	4	Asphalt	**Fair**	Bit. Berm (Standard)	6
Segment: CENTRAL AVE-06							
From:OAK GROVE STREET	**To: GROVELAND STREET**						
Odd Side:	None	213.31	0	None	**None**	None	0
Even Side:	Even	213.31	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Segment: CENTRAL AVE-07							
From:GROVELAND STREET	**To: SANDY POND ROAD**						
Odd Side:	None	1,160.02	0	None	**None**	None	0
Even Side:	Even	1,160.02	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Street : CHURCH STREET							
Segment: CHURCH ST							
From:EAST MAIN STREET	**To: GROVE STREET**						
Odd Side:	None	422.40	0	None	**None**	Bit. Berm (Standard)	6
Even Side:	Even	422.40	3	Asphalt	**Poor**	Bit. Berm (Standard)	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : COLUMBIA STREET							
Segment: COLUMBIA ST-01							
From:MAIN STREET To: CENTRAL AVENUE							
Odd Side:	Odd	158.40	5	Concrete	Good	Vertical Granite	4
Even Side:	Even	158.40	6	Concrete	Fair	Vertical Granite	4
Segment: COLUMBIA ST-02							
From:CENTRAL AVENUE To: CAMBRIDGE STREET							
Odd Side:	None	78.67	0	None	None	Bit. Berm (Standard)	4
Even Side:	Even	78.67	4	Asphalt	Fair	Bit. Berm (Standard)	4
Segment: COLUMBIA ST-03							
From:CAMBRIDGE STREET To: WILLIAM STREET							
Odd Side:	Odd	211.20	4	Concrete	Good	Bit. Berm (Standard)	6
Even Side:	Even	211.20	4	Asphalt	Fair	Bit. Berm (Standard)	6
Street : COOLIDGE ROAD							
Segment: COOLIDGE RD-01							
From:WASHINGTON STREET To: SUMMIT AVENUE							
Odd Side:	Odd	596.11	4	Asphalt	Fair	Combination	4
Even Side:	None	596.11	0	None	None	Bit. Berm (Standard)	5
Street : EAST MAIN STREET							
Segment: EAST MAIN ST-01							
From:HARVARD ROAD To: PINE STREET							
Odd Side:	Odd	251.86	5	Asphalt	Fair	Bit. Berm (Standard)	6
Even Side:	Even	251.86	5	Asphalt	Fair	Bit. Berm (Standard)	5
Segment: EAST MAIN ST-02							
From:PINE STREET To: GROTON HARVARD ROAD							
Odd Side:	Odd	267.70	6	Asphalt	Fair	Bit. Berm (Standard)	6
Even Side:	Even	267.70	5	Asphalt	Fair	Bit. Berm (Standard)	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: EAST MAIN ST-03							
From:GROTON HARVARD ROAD	**To: MAPLE STREET**						
Odd Side:	Odd	411.31	5	Concrete	Fair	Cement Concrete	4
Even Side:	Even	411.31	5	Asphalt	Fair	Bit. Berm (Standard)	4
Segment: EAST MAIN ST-04							
From:MAPLE STREET	**To: POND STREET**						
Odd Side:	Odd	525.36	5	Asphalt	Fair	Bit. Berm (Standard)	4
Even Side:	Even	525.36	5	Asphalt	Fair	Bit. Berm (Standard)	4
Segment: EAST MAIN ST-05							
From:POND STREET	**To: OAK STREET**						
Odd Side:	Odd	227.57	5	Asphalt	Fair	Bit. Berm (Standard)	4
Even Side:	Even	227.57	5	Asphalt	Fair	Bit. Berm (Standard)	4
Segment: EAST MAIN ST-06							
From:OAK STREET	**To: SCHOOL STREET**						
Odd Side:	Odd	284.06	5	Asphalt	Fair	Bit. Berm (Standard)	4
Even Side:	Even	284.06	5	Asphalt	Fair	Bit. Berm (Standard)	4
Segment: EAST MAIN ST-07							
From:SCHOOL STREET	**To: MAIN STREET**						
Odd Side:	Odd	422.40	4	Asphalt	Fair	Vertical Granite	4
Even Side:	Even	422.40	4	Asphalt	Fair	Vertical Granite	4
Street : EAST STREET							
Segment: EAST ST-02							
From:HARVARD ROAD	**To: FLETCHER STREET**						
Odd Side:	Odd	215.95	3	Concrete	Fair	None	0
Even Side:	Even	215.95	4	Concrete	Fair	None	0
Segment: EAST ST-03							
From:FLETCHER STREET	**To: THIRD STREET**						
Odd Side:	Odd	250.80	4	Concrete	Fair	None	0
Even Side:	Even	250.80	4	Concrete	Fair	None	0

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : EASY STREET							
Segment: EASY ST							
From:SANDY POND ROAD	**To: CUL-DE-SAC**						
Odd Side:	Odd	517.97	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	6
Even Side:	None	517.97	0	None	**None**	Bit. Berm (Cape Cod)	6
Street : ELM STREET							
Segment: ELM ST-01							
From:GROVE STREET	**To: PROSPECT STREET**						
Odd Side:	Odd	264.00	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Even Side:	Even	264.00	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Segment: ELM ST-02							
From:PROSPECT STREET	**To: EAST MAIN STREET**						
Odd Side:	Odd	158.40	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Even Side:	Even	158.40	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Street : FAULKNER STREET							
Segment: FAULKNER ST-01							
From:MAIN STREET	**To: ELM STREET**						
Odd Side:	Odd	194.30	4	Asphalt	**Fair**	Vertical Granite	5
Even Side:	None	194.30	0	None	**None**	None	0
Segment: FAULKNER ST-02							
From:ELM STREET	**To: LINDEN COURT**						
Odd Side:	Odd	260.30	4	Concrete	**Fair**	None	0
Even Side:	None	260.30	0	None	**None**	None	0
Segment: FAULKNER ST-04							
From:CHURCH STREET	**To: FOREST STREET**						
Odd Side:	Odd	211.20	4	Concrete	**Good**	Cement Concrete	5
Even Side:	None	211.20	0	None	**None**	None	0

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : FLETCHER STREET							
Segment: FLETCHER ST-01							
From:EAST STREET To: PINE STREET							
Odd Side:	Odd	484.70	3	Asphalt	**Fair**	Bit. Berm (Standard)	6
Even Side:	Even	484.70	3	Asphalt	**Fair**	Bit. Berm (Standard)	6
Segment: FLETCHER ST-02							
From:PINE STREET To: MAPLE STREET							
Odd Side:	Odd	223.87	3	Asphalt	**Poor**	Bit. Berm (Standard)	4
Even Side:	Even	223.87	3	Asphalt	**Poor**	Bit. Berm (Standard)	4
Segment: FLETCHER ST-03							
From:MAPLE STREET To: WHITCOMB AVENUE							
Odd Side:	Odd	336.86	3	Asphalt	**Fair**	Bit. Berm (Standard)	5
Even Side:	Even	336.86	3	Asphalt	**Fair**	Bit. Berm (Standard)	5
Segment: FLETCHER ST-04							
From:WHITCOMB AVENUE To: POND STREET							
Odd Side:	Odd	231.26	5	Concrete	**Fair**	Cement Concrete	6
Even Side:	Even	231.26	3	Asphalt	**Fair**	Bit. Berm (Standard)	3
Street : FOREST STREET							
Segment: FOREST ST-01							
From:BLIGH STREET To: GROVE STREET							
Odd Side:	None	211.20	0	None	**None**	None	0
Even Side:	Even	211.20	3	Concrete	**Poor**	Combination	4
Segment: FOREST ST-02							
From:GROVE STREET To: EAST MAIN STREET							
Odd Side:	Odd	369.60	3	Concrete	**Poor**	None	0
Even Side:	Even	369.60	4	Concrete	**Good**	Vertical Granite	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : FOX RUN DRIVE							
Segment: FOX RUN DR							
From:SNAKE HILL ROAD	**To: DEAD END**						
Odd Side:	Odd	982.61	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5
Even Side:	Even	982.61	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5
Street : GROTON HARVARD ROAD							
Segment: GROTON HARVARD RD-04							
From:CENTRAL AVENUE	**To: OAKRIDGE DRIVE**						
Odd Side:	None	1,842.72	0	None	**None**	None	0
Even Side:	Even	1,842.72	4	Asphalt	**Good**	Bit. Berm (Standard)	5
Segment: GROTON HARVARD RD-05							
From:OAKRIDGE DRIVE	**To: WASHINGTON STREET**						
Odd Side:	None	798.86	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	798.86	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Street : GROTON SCHOOL ROAD							
Segment: GROTON SCHOOL RD-07							
From:GROTON SHIRLEY ROAD	**To: AMANDREY WAY**						
Odd Side:	None	143.62	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	143.62	3	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Segment: GROTON SCHOOL RD-08							
From:AMANDREY WAY	**To: GROTON TOWN LINE**						
Odd Side:	None	301.49	0	None	**None**	None	0
Even Side:	Even	301.49	3	Asphalt	**Good**	None	0
Street : GROVE STREET							
Segment: GROVE ST-04							
From:ELM STREET	**To: CHURCH STREET**						
Odd Side:	Odd	304.66	4	Mix	**Poor**	Bit. Berm (Standard)	6
Even Side:	Even	304.66	4	Asphalt	**Poor**	Bit. Berm (Standard)	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: GROVE ST-05							
From:CHURCH STREET	**To: FOREST STREET**						
Odd Side:	Odd	318.38	5	Mix	**Poor**	Bit. Berm (Standard)	5
Even Side:	Even	318.38	4	Asphalt	**Poor**	Bit. Berm (Standard)	5
Street : HAYMEADOW LANE							
Segment: HAYMEADOWN LN-01							
From:FOX RUN DRIVE	**To: QUAIL RUN**						
Odd Side:	Odd	607.20	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Even Side:	Even	607.20	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Segment: HAYMEADOWN LN-02							
From:QUAIL RUN	**To: OLD FARM WAY**						
Odd Side:	Odd	351.12	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Even Side:	Even	351.12	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Street : HIBISCUS LANE							
Segment: HIBISCUS LN-01							
From:MULBERRY CIRCLE	**To: MAGNOLIA DRIVE**						
Odd Side:	Odd	344.78	3	Asphalt	**Fair**	Bit. Berm (Cape Cod)	6
Even Side:	Even	344.78	3	Asphalt	**Fair**	Bit. Berm (Cape Cod)	6
Segment: HIBISCUS LN-02							
From:MAGNOLIA DRIVE	**To: WINTERBERRY LANE**						
Odd Side:	Odd	401.81	3	Asphalt	**Poor**	Bit. Berm (Cape Cod)	6
Even Side:	None	401.81	0	None	**None**	Bit. Berm (Cape Cod)	6
Segment: HIBISCUS LN-03							
From:WINTERBERRY LANE	**To: CUL-DE-SAC**						
Odd Side:	Odd	442.99	3	Asphalt	**Fair**	Bit. Berm (Cape Cod)	6
Even Side:	None	442.99	0	None	**None**	Bit. Berm (Cape Cod)	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : HIGH STREET							
Segment: HIGH ST-01							
From:HOLMES STREET	**To: LINCOLN STREET**						
Odd Side:	None	158.40	0	None	**None**	None	0
Even Side:	Even	158.40	4	Concrete	**Poor**	Cement Concrete	2
Segment: HIGH ST-02							
From:LINCOLN STREET	**To: NORWOOD AVENUE**						
Odd Side:	None	211.20	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	211.20	4	Mix	**Fair**	Combination	6
Segment: HIGH ST-03							
From:NORWOOD AVENUE	**To: WINTHROP AVENUE**						
Odd Side:	Odd	334.22	4	Concrete	**Fair**	Combination	4
Even Side:	None	334.22	0	None	**None**	Bit. Berm (Standard)	4
Street : HIGHLAND AVENUE							
Segment: HIGHLAND AVE-01							
From:WASHINGTON STREET	**To: NASHUA STREET**						
Odd Side:	Odd	264.00	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Even Side:	None	264.00	0	None	**None**	None	0
Segment: HIGHLAND AVE-02							
From:NASHUA STREET	**To: COOLIDGE ROAD**						
Odd Side:	None	279.84	0	None	**None**	None	0
Even Side:	Even	279.84	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Segment: HIGHLAND AVE-03							
From:COOLIDGE ROAD	**To: LINCOLN STREET**						
Odd Side:	None	248.16	0	None	**None**	None	0
Even Side:	Even	248.16	3	Asphalt	**Fair**	None	0
Segment: HIGHLAND AVE-04							
From:LINCOLN STREET	**To: NORWOOD AVENUE**						
Odd Side:	None	421.87	0	None	**None**	Bit. Berm (Cape Cod)	3
Even Side:	Even	421.87	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: HIGHLAND AVE-05							
From:NORWOOD AVENUE	**To: BRILIANA COURT**						
Odd Side:	None	264.53	0	None	**None**	Bit. Berm (Standard)	5
Even Side:	Even	264.53	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5
Street : HOWARD STREET							
Segment: HOWARD ST-01							
From:WASHINGTON STREET	**To: NASHUA STREET**						
Odd Side:	None	174.24	0	None	**None**	None	0
Even Side:	Even	174.24	4	Concrete	**Poor**	None	0
Street : ISAACS LANE							
Segment: ISAACS LN							
From:GROTON SCHOOL ROAD	**To: CUL-DE-SAC**						
Odd Side:	None	1,041.22	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	1,041.22	4	Asphalt	**Fair**	Bit. Berm (Cape Cod)	4
Street : JACKSON STREET							
Segment: JACKSON ST-01							
From:GROTON STREET	**To: HOWARD STREET**						
Odd Side:	None	422.40	0	None	**None**	Bit. Berm (Standard)	4
Even Side:	Even	422.40	4	Mix	**Fair**	Combination	5
Street : JOHN RILEY ROAD							
Segment: JOHN RILEY RD							
From:GROTON SCHOOL ROAD	**To: CUL-DE-SAC**						
Odd Side:	None	617.23	0	None	**None**	None	0
Even Side:	Even	617.23	4	Asphalt	**Good**	None	0
Street : LAWTON STREET							
Segment: LAWTON ST							
From:GROTON STREET	**To: CAMBRIDGE STREET**						
Odd Side:	Odd	184.80	3	Asphalt	**Poor**	Bit. Berm (Standard)	3
Even Side:	None	184.80	0	None	**None**	Bit. Berm (Cape Cod)	2

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : LINCOLN STREET							
Segment: LINCOLN ST-01							
From:HIGH STREET	**To: HIGHLAND AVENUE**						
Odd Side:	Odd	462.00	4	Concrete	**Good**	Bit. Berm (Cape Cod)	3
Even Side:	None	462.00	0	None	**None**	None	0
Street : LOON HILL ROAD							
Segment: LOON HILL RD-01							
From:WESTFORD ROAD	**To: LILAC LANE**						
Odd Side:	Odd	955.68	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	6
Even Side:	None	955.68	0	None	**None**	Bit. Berm (Cape Cod)	6
Segment: LOON HILL RD-02							
From:LILAC LANE	**To: IRIS AVENUE**						
Odd Side:	Odd	233.90	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	6
Even Side:	None	233.90	0	None	**None**	Bit. Berm (Cape Cod)	6
Segment: LOON HILL RD-03							
From:IRIS AVENUE	**To: ROSE LANE**						
Odd Side:	Odd	465.70	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	6
Even Side:	None	465.70	0	None	**None**	Bit. Berm (Cape Cod)	6
Segment: LOON HILL RD-04							
From:ROSE LANE	**To: ORCHID LANE**						
Odd Side:	Odd	1,457.81	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	6
Even Side:	None	1,457.81	0	None	**None**	Bit. Berm (Cape Cod)	6
Street : MAGNOLIA DRIVE							
Segment: MAGNOLIA DR							
From:HIBISCUS LANE	**To: Cul-de-sac**						
Odd Side:	Odd	525.89	3	Asphalt	**Good**	Bit. Berm (Standard)	5
Even Side:	None	525.89	0	None	**None**	Bit. Berm (Standard)	5

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : MAIN STREET							
Segment: MAIN ST-01							
From:PARK STREET	**To: WEST STREET**						
Odd Side:	Odd	211.20	6	Mix	**Fair**	Vertical Granite	6
Even Side:	Even	211.20	6	Mix	**Fair**	Vertical Granite	6
Segment: MAIN ST-02							
From:WEST STREET	**To: PLEASANT STREET**						
Odd Side:	Odd	158.40	6	Mix	**Fair**	Vertical Granite	6
Even Side:	Even	158.40	6	Mix	**Fair**	Vertical Granite	6
Segment: MAIN ST-03							
From:PLEASANT STREET	**To: WASHINGTON STREET**						
Odd Side:	Odd	222.29	6	Mix	**Good**	Vertical Granite	6
Even Side:	Even	222.29	5	Concrete	**Good**	Vertical Granite	6
Segment: MAIN ST-04							
From:WASHINGTON STREET	**To: COLUMBIA STREET**						
Odd Side:	Odd	464.11	6	Mix	**Fair**	Vertical Granite	6
Even Side:	Even	464.11	5	Concrete	**Fair**	Vertical Granite	6
Segment: MAIN ST-05							
From:COLUMBIA STREET	**To: BRIDGE**						
Odd Side:	Odd	391.25	5	Mix	**Good**	Vertical Granite	6
Even Side:	Even	391.25	5	Concrete	**Good**	Vertical Granite	6
Segment: MAIN ST-06							
From:BRIDGE	**To: EAST MAIN STREET**						
Odd Side:	Odd	347.95	5	Asphalt	**Fair**	Vertical Granite	6
Even Side:	Even	347.95	5	Asphalt	**Fair**	Vertical Granite	6
Street : MAPLE STREET							
Segment: MAPLE ST-02							
From:FLETCHER STREET	**To: THIRD STREET**						
Odd Side:	Odd	279.84	3	Concrete	**Poor**	Cement Concrete	6
Even Side:	Even	279.84	3	Asphalt	**Fair**	Bit. Berm (Standard)	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: MAPLE ST-03							
From:THIRD STREET	**To: FOURTH STREET**						
Odd Side:	Odd	316.80	3	Concrete	**Fair**	Cement Concrete	3
Even Side:	None	316.80	0	None	**None**	None	0
Street : MECHANIC STREET							
Segment: MECHANIC ST							
From:SHIRLEY STREET	**To: WEST MAIN STREET**						
Odd Side:	Odd	211.20	5	Concrete	**Fair**	Cement Concrete	6
Even Side:	None	211.20	0	None	**None**	None	0
Street : MOUNTAIN LAUREL ROAD							
Segment: MOUNTAIN LAUREL RD-01							
From:SANDY POND ROAD	**To: MOUNTAIN LAUREL RD-02**						
Odd Side:	None	479.95	0	None	**None**	Sloped Granite	5
Even Side:	Even	479.95	4	Asphalt	**Good**	Sloped Granite	5
Segment: MOUNTAIN LAUREL RD-02							
From:MOUNTAIN LAUREL RD-01	**To: MOUNTAIN LAUREL RD-01**						
Odd Side:	Odd	1,386.00	4	Asphalt	**Good**	Sloped Granite	5
Even Side:	Even	1,386.00	4	Asphalt	**Good**	Sloped Granite	5
Street : MULBERRY CIRCLE							
Segment: MULBERRY CIR							
From:WESTFORD ROAD	**To: MULBERRY CIRCLE**						
Odd Side:	Odd	399.70	4	Asphalt	**Fair**	Bit. Berm (Cape Cod)	6
Even Side:	Even	399.70	4	Asphalt	**Fair**	Bit. Berm (Cape Cod)	6
Street : NASHUA STREET							
Segment: NASHUA ST-01							
From:WILLIAM STREET	**To: HIGHLAND AVENUE**						
Odd Side:	None	422.40	0	None	**None**	None	0
Even Side:	Even	422.40	4	Asphalt	**Fair**	Bit. Berm (Cape Cod)	4

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: NASHUA ST-02							
From:HIGHLAND AVENUE	**To: WACHUSETT AVENUE**						
Odd Side:	Odd	363.26	3	Mix	**Fair**	Bit. Berm (Standard)	4
Even Side:	None	363.26	0	None	**None**	Bit. Berm (Standard)	6
Segment: NASHUA ST-05							
From:WASHINGTON STREET	**To: HOWARD STREET**						
Odd Side:	Odd	159.46	4	Concrete	**Fair**	Cement Concrete	5
Even Side:	Even	159.46	5	Concrete	**Fair**	None	0
Segment: NASHUA ST-06							
From:HOWARD STREET	**To: TAFT STREET**						
Odd Side:	None	685.34	0	None	**None**	None	0
Even Side:	Even	685.34	3	Asphalt	**Fair**	None	0
Street : NASHUA STREET EXTENSION							
Segment: NASHUA ST EXT							
From:TAFT STREET	**To: DEAD END**						
Odd Side:	None	211.20	0	None	**None**	None	0
Even Side:	Even	211.20	3	Asphalt	**Fair**	None	0
Street : NEWTON STREET							
Segment: NEWTON ST							
From:WASHINGTON STREET	**To: COLUMBIA STREET**						
Odd Side:	None	422.40	0	None	**None**	None	0
Even Side:	Even	422.40	4	Mix	**Fair**	Combination	5
Street : NORWOOD AVENUE							
Segment: NORWOOD AVE-02							
From:HIGHLAND AVENUE	**To: 50 NORWOOD AVENUE**						
Odd Side:	None	264.00	0	None	**None**	None	0
Even Side:	Even	264.00	4	Asphalt	**Good**	None	0

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: NORWOOD AVE-03							
From:50 NORWOOD AVENUE	**To: WASHINGTON STREET**						
Odd Side:	None	264.00	0	None	**None**	Bit. Berm (Cape Cod)	3
Even Side:	Even	264.00	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Street : OAK GROVE STREET							
Segment: OAK GROVE ST-01							
From:CENTRAL AVENUE	**To: LAKE AVENUE**						
Odd Side:	Odd	280.90	3	Asphalt	**Poor**	Bit. Berm (Standard)	6
Even Side:	None	280.90	0	None	**None**	Bit. Berm (Cape Cod)	3
Segment: OAK GROVE ST-02							
From:LAKE AVENUE	**To: DEAD END**						
Odd Side:	Odd	88.70	3	Asphalt	**Poor**	Bit. Berm (Standard)	6
Even Side:	None	88.70	0	None	**None**	Bit. Berm (Cape Cod)	3
Street : OAK STREET							
Segment: OAK ST-01							
From:EAST MAIN STREET	**To: PROSPECT STREET**						
Odd Side:	Odd	171.60	4	Asphalt	**Fair**	Bit. Berm (Standard)	5
Even Side:	Even	171.60	4	Asphalt	**Fair**	Bit. Berm (Standard)	5
Segment: OAK ST-02							
From:PROSPECT ST	**To: GROVE ST**						
Odd Side:	None	250.80	0	None	**None**	None	0
Even Side:	Even	250.80	4	Brick	**Poor**	Bit. Berm (Standard)	4
Street : OLD FARM WAY							
Segment: OLD FARM WAY							
From:HAYMEADOW LANE	**To: DEAD END**						
Odd Side:	Odd	925.58	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Even Side:	Even	925.58	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : OLD GROTON ROAD							
Segment: OLD GROTON RD-01							
From:GROTON HARVARD ROAD	**To: MADIGAN LN**						
Odd Side:	None	1,816.32	0	None	**None**	Bit. Berm (Cape Cod)	6
Even Side:	Even	1,816.32	3	Asphalt	**Good**	Bit. Berm (Standard)	6
Segment: OLD GROTON RD-02							
From:MADIGAN LN	**To: DRIVEWAY**						
Odd Side:	None	797.81	0	None	**None**	Bit. Berm (Standard)	6
Even Side:	Even	797.81	3	Asphalt	**Fair**	Bit. Berm (Cape Cod)	6
Street : OLD TOWNE ROAD							
Segment: OLD TOWNE RD							
From:COPELAND DRIVE	**To: LITTLETON ROAD**						
Odd Side:	Odd	475.20	4	Asphalt	**Good**	Bit. Berm (Standard)	4
Even Side:	None	475.20	0	None	**None**	Bit. Berm (Cape Cod)	4
Street : ORCHID LANE							
Segment: ORCHID LN							
From:LOON HILL ROAD	**To: HIBISCUS LANE**						
Odd Side:	Odd	607.20	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	6
Even Side:	None	607.20	0	None	**None**	Bit. Berm (Cape Cod)	6
Street : PARK STREET							
Segment: PARK ST-01							
From:WEST MAIN STREET	**To: GROTON STREET**						
Odd Side:	None	215.42	0	None	**None**	None	0
Even Side:	Even	215.42	5	Asphalt	**Fair**	Vertical Granite	6
Segment: PARK ST-02							
From:GROTON STREET	**To: BROOK STREET**						
Odd Side:	None	477.31	0	None	**None**	None	0
Even Side:	Even	477.31	5	Asphalt	**Good**	Vertical Granite	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : PATRICIA DRIVE							
Segment: PATRICIA DR							
From:WILLOW ROAD	**To: CUL_DE_SAC**						
Odd Side:	Odd	950.40	3	Asphalt	**Poor**	Bit. Berm (Cape Cod)	4
Even Side:	None	950.40	0	None	**None**	Bit. Berm (Cape Cod)	4
Street : PATRIOT WAY							
Segment: PATRIOT WAY							
From:SANDY POND ROAD	**To: DEAD END**						
Odd Side:	Odd	649.44	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Even Side:	None	649.44	0	None	**None**	Bit. Berm (Cape Cod)	4
Street : PEARL STREET							
Segment: PEARL ST-02							
From:HOWARD STREET	**To: GROTON STREET**						
Odd Side:	Odd	975.74	4	Asphalt	**Fair**	Bit. Berm (Cape Cod)	4
Even Side:	None	975.74	0	None	**None**	Bit. Berm (Cape Cod)	4
Segment: PEARL ST-03							
From:GROTON STREET	**To: CAMBRIDGE STREET**						
Odd Side:	None	475.20	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	475.20	4	Asphalt	**Fair**	Combination	3
Street : PHEASANT CIRCLE							
Segment: PHEASANT CIR							
From:GROTON SCHOOL ROAD	**To: Dead end**						
Odd Side:	Odd	505.30	4	Asphalt	**Good**	Bit. Berm (Standard)	4
Even Side:	None	505.30	0	None	**None**	Bit. Berm (Cape Cod)	4
Street : PINE STREET							
Segment: PINE ST-01							
From:THIRD STREET	**To: FLETCHER STREET**						
Odd Side:	None	264.00	0	None	**None**	None	0
Even Side:	Even	264.00	3	Concrete	**Poor**	None	0

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : PINGRY WAY							
Segment: PINGRY WAY-01							
From:BENNETTS CROSSING	**To: ROBBINS ROAD**						
Odd Side:	Odd	1,433.52	4	Asphalt	**Good**	Bit. Berm (Standard)	6
Even Side:	Even	1,433.52	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	6
Segment: PINGRY WAY-02							
From:ROBBINS ROAD	**To: CUL-DE-SAC**						
Odd Side:	None	1,019.04	0	None	**None**	Bit. Berm (Standard)	6
Even Side:	Even	1,019.04	4	Asphalt	**Good**	Bit. Berm (Standard)	6
Street : PLEASANT STREET							
Segment: PLEASANT ST-01							
From:MAIN STREET	**To: CAMBRIDGE STREET**						
Odd Side:	Odd	181.63	3	Concrete	**Fair**	Vertical Granite	4
Even Side:	Even	181.63	3	Concrete	**Fair**	Vertical Granite	4
Segment: PLEASANT ST-02							
From:CAMBRIDGE STREET	**To: GROTON STREET**						
Odd Side:	None	844.80	0	None	**None**	None	0
Even Side:	Even	844.80	5	Asphalt	**Poor**	Vertical Granite	6
Segment: PLEASANT ST-03							
From:GROTON STREET	**To: HOWARD STREET**						
Odd Side:	Odd	343.20	3	Concrete	**Fair**	Bit. Berm (Standard)	5
Even Side:	Even	343.20	4	Concrete	**Good**	Bit. Berm (Standard)	5
Segment: PLEASANT ST-04							
From:HOWARD STREET	**To: TAFT STREET**						
Odd Side:	Odd	950.40	4	Concrete	**Poor**	None	0
Even Side:	Even	950.40	4	Mix	**Fair**	Bit. Berm (Standard)	4

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : PLEASANT STREET EXTENSION							
Segment: PLEASANT ST EXT							
From:TAFT STREET	**To: DEAD END**						
Odd Side:	None	211.20	0	None	**None**	None	0
Even Side:	Even	211.20	4	Concrete	**Fair**	None	0
Street : POND STREET							
Segment: POND ST-01							
From:EAST MAIN STREET	**To: FLETCHER STREET**						
Odd Side:	None	305.18	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	305.18	4	Concrete	**Good**	Vertical Granite	6
Segment: POND ST-02							
From:FLETCHER STREET	**To: DEAD END**						
Odd Side:	None	80.26	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	80.26	4	Concrete	**Good**	Vertical Granite	6
Street : PROSPECT STREET							
Segment: PROSPECT ST-01							
From:OAK STREET	**To: SCHOOL STREET**						
Odd Side:	Odd	264.00	4	Concrete	**Good**	Cement Concrete	3
Even Side:	None	264.00	0	None	**None**	None	0
Segment: PROSPECT ST-02							
From:SCHOOL STREET	**To: ELM STREET**						
Odd Side:	Odd	528.00	3	Asphalt	**Good**	Bit. Berm (Standard)	4
Even Side:	Even	528.00	4	Concrete	**Good**	Vertical Granite	4
Street : QUAIL RUN							
Segment: QUAIL RUN							
From:HAYMEADOW LANE	**To: DEAD END**						
Odd Side:	Odd	389.66	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4
Even Side:	Even	389.66	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	4

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : ROBBINS ROAD							
Segment: ROBBINS RD							
From:BENNETTS CROSSING To: PINGRY WAY							
Odd Side:	Odd	1,683.79	4	Asphalt	Good	Bit. Berm (Standard)	6
Even Side:	Even	1,683.79	4	Asphalt	Good	Bit. Berm (Standard)	6
Street : ROGERS STREET							
Segment: ROGERS ST							
From:WEST MAIN STREET To: SHIRLEY STREET							
Odd Side:	Odd	105.60	4	Asphalt	Good	Vertical Granite	5
Even Side:	Even	105.60	4	Asphalt	Good	Vertical Granite	5
Street : SANDY POND ROAD							
Segment: SANDY POND RD-01							
From:FREDERICK CARLTON CIRCLE To: PRIVATE DRIVE							
Odd Side:	None	144.67	0	None	None	None	0
Even Side:	Even	144.67	4	Asphalt	Fair	Bit. Berm (Standard)	3
Segment: SANDY POND RD-02							
From:PRIVATE DRIVE To: CENTRAL AVENUE							
Odd Side:	None	670.56	0	None	None	Bit. Berm (Standard)	2
Even Side:	Even	670.56	4	Asphalt	Good	Bit. Berm (Standard)	4
Segment: SANDY POND RD-03							
From:CENTRAL AVENUE To: OLD SANDY POND ROAD							
Odd Side:	None	251.86	0	None	None	Bit. Berm (Cape Cod)	4
Even Side:	Even	251.86	4	Asphalt	Good	Bit. Berm (Standard)	6
Segment: SANDY POND RD-04							
From:OLD SANDY POND ROAD To: SAMANTHA LANE							
Odd Side:	None	446.16	0	None	None	None	0
Even Side:	Even	446.16	4	Asphalt	Good	Bit. Berm (Standard)	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: SANDY POND RD-05							
From:SAMANTHA LANE	**To: SNAKE HILL ROAD**						
Odd Side:	None	458.83	0	None	**None**	None	0
Even Side:	Even	458.83	4	Asphalt	**Good**	Bit. Berm (Standard)	6
Street : SCHOOL STREET							
Segment: SCHOOL ST-01							
From:EAST MAIN STREET	**To: PROSPECT STREET**						
Odd Side:	Odd	151.54	4	Concrete	**Poor**	Vertical Granite	3
Even Side:	None	151.54	0	None	**None**	Bit. Berm (Standard)	3
Segment: SCHOOL ST-02							
From:PROSPECT STREET	**To: GROVE STREET**						
Odd Side:	Odd	218.06	4	Concrete	**Poor**	Vertical Granite	3
Even Side:	None	218.06	0	None	**None**	Bit. Berm (Standard)	3
Segment: SCHOOL ST-03							
From:GROVE STREET	**To: BLIGH STREET**						
Odd Side:	Odd	316.80	4	Concrete	**Poor**	Vertical Granite	3
Even Side:	None	316.80	0	None	**None**	Bit. Berm (Standard)	3
Street : SCULLEY ROAD							
Segment: SCULLY RD-01							
From:WEST MAIN STREET	**To: PRIVATE ROAD**						
Odd Side:	None	1,056.00	0	None	**None**	Vertical Granite	4
Even Side:	Even	1,056.00	4	Asphalt	**Good**	Vertical Granite	4
Street : SHADOW LANE							
Segment: SHADOW LN							
From:GROTON SCHOOL ROAD	**To: CUL-DE-SAC**						
Odd Side:	None	196.42	0	None	**None**	None	0
Even Side:	Even	196.42	4	Asphalt	**Good**	None	0

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : SHELLY LANE							
Segment: SHELLY LN							
From:THIRD STREET To: DEAD END							
Odd Side:	None	303.60	0	None	**None**	Bit. Berm (Standard)	6
Even Side:	Even	303.60	3	Asphalt	**Good**	Bit. Berm (Standard)	6
Street : SHIRLEY STREET							
Segment: SHIRLEY ST-01							
From:OLD WEST MAIN STREET To: UNION STREET							
Odd Side:	Odd	501.60	4	Asphalt	**Good**	Vertical Granite	5
Even Side:	None	501.60	0	None	**None**	Vertical Granite	5
Segment: SHIRLEY ST-02							
From:UNION STREET To: MECHANIC STREET							
Odd Side:	Odd	554.40	4	Mix	**Fair**	Combination	4
Even Side:	None	554.40	0	None	**None**	None	0
Segment: SHIRLEY ST-03							
From:MECHANIC STREET To: MILL STREET							
Odd Side:	None	310.99	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	310.99	6	Asphalt	**Poor**	Vertical Granite	4
Street : SNAKE HILL ROAD							
Segment: SNAKE HILL RD-01							
From:LITTLETON ROAD To: FOX RUN DRIVE							
Odd Side:	Odd	2,561.33	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5
Even Side:	Even	2,561.33	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5
Segment: SNAKE HILL RD-02							
From:FOX RUN DRIVE To: PRIVATE WAY							
Odd Side:	Odd	568.13	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5
Even Side:	Even	568.13	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	5

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Street : TAFT STREET							
Segment: TAFT ST-01							
From:NASHUA STREET	**To: PLEASANT STREET**						
Odd Side:	Odd	528.00	3	Concrete	**Fair**	Bit. Berm (Standard)	4
Even Side:	None	528.00	0	None	**None**	None	0
Segment: TAFT ST-02							
From:PLEASANT STREET	**To: JACKSON STREET**						
Odd Side:	Odd	214.37	3	Concrete	**Fair**	None	0
Even Side:	Even	214.37	3	Concrete	**Fair**	None	0
Street : THIRD STREET							
Segment: THIRD ST-02							
From:EAST STREET	**To: PINE STREET**						
Odd Side:	Odd	475.20	4	Concrete	**Good**	None	0
Even Side:	Even	475.20	3	Concrete	**Fair**	None	0
Street : WASHINGTON STREET							
Segment: WASHINGTON ST-01							
From:MAIN STREET	**To: NEWTON STREET**						
Odd Side:	Odd	296.74	6	Concrete	**Good**	Vertical Granite	6
Even Side:	Even	296.74	6	Concrete	**Good**	Vertical Granite	6
Segment: WASHINGTON ST-02							
From:NEWTON STREET	**To: CAMBRIDGE STREET**						
Odd Side:	Odd	274.56	6	Asphalt	**Fair**	Vertical Granite	6
Even Side:	Even	274.56	4	Asphalt	**Fair**	Vertical Granite	6
Segment: WASHINGTON ST-03							
From:CAMBRIDGE STREET	**To: WILLIAM STREET**						
Odd Side:	Odd	271.92	6	Asphalt	**Fair**	Vertical Granite	6
Even Side:	Even	271.92	5	Asphalt	**Fair**	Vertical Granite	6

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: WASHINGTON ST-04							
From:WILLIAM STREET	**To: WASHINGTON COURT**						
Odd Side:	Odd	511.10	6	Asphalt	**Fair**	Vertical Granite	6
Even Side:	Even	511.10	5	Asphalt	**Fair**	Combination	5
Segment: WASHINGTON ST-05							
From:WASHINGTON COURT	**To: HIGHLAND AVENUE**						
Odd Side:	Odd	230.21	5	Asphalt	**Fair**	Vertical Granite	6
Even Side:	Even	230.21	5	Asphalt	**Fair**	Bit. Berm (Standard)	5
Segment: WASHINGTON ST-06							
From:HIGHLAND AVENUE	**To: GROTON STREET**						
Odd Side:	Odd	563.90	5	Brick	**Fair**	Vertical Granite	6
Even Side:	Even	563.90	4	Asphalt	**Fair**	Bit. Berm (Standard)	4
Segment: WASHINGTON ST-07							
From:GROTON STREET	**To: NASHUA STREET**						
Odd Side:	Odd	495.26	5	Asphalt	**Fair**	Bit. Berm (Standard)	5
Even Side:	Even	495.26	5	Asphalt	**Fair**	Bit. Berm (Standard)	5
Segment: WASHINGTON ST-08							
From:NASHUA STREET	**To: HOWARD STREET**						
Odd Side:	Odd	241.82	5	Concrete	**Fair**	Cement Concrete	5
Even Side:	Even	241.82	5	Asphalt	**Good**	Bit. Berm (Standard)	5
Segment: WASHINGTON ST-09							
From:HOWARD STREET	**To: MOUNTAIN AVENUE**						
Odd Side:	Odd	124.61	5	Mix	**Fair**	Combination	4
Even Side:	Even	124.61	5	Mix	**Fair**	Combination	4
Segment: WASHINGTON ST-10							
From:MOUNTAIN AVENUE	**To: NORWOOD AVENUE**						
Odd Side:	Odd	219.12	4	Asphalt	**Poor**	Bit. Berm (Standard)	5
Even Side:	Even	219.12	3	Asphalt	**Poor**	Bit. Berm (Standard)	4

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: WASHINGTON ST-11							
From:NORWOOD AVENUE	**To: SCHOOL DRIVE**						
Odd Side:	Odd	100.32	4	Asphalt	**Fair**	Bit. Berm (Standard)	5
Even Side:	Even	100.32	5	Asphalt	**Fair**	Bit. Berm (Standard)	3
Segment: WASHINGTON ST-12							
From:SCHOOL DRIVE	**To: MOORE DRIVE**						
Odd Side:	Odd	888.10	5	Asphalt	**Fair**	Bit. Berm (Standard)	6
Even Side:	None	888.10	0	None	**None**	Bit. Berm (Standard)	6
Segment: WASHINGTON ST-13							
From:MOORE DRIVE	**To: OLD GROTON ROAD**						
Odd Side:	Odd	472.56	6	Asphalt	**Fair**	Bit. Berm (Standard)	6
Even Side:	None	472.56	0	None	**None**	Bit. Berm (Standard)	5
Street : WEST MAIN STREET							
Segment: WEST MAIN ST-01							
From:PARK STREET	**To: MECHANIC STREET**						
Odd Side:	Odd	438.24	5	Concrete	**Good**	Vertical Granite	5
Even Side:	Even	438.24	5	Concrete	**Good**	Vertical Granite	5
Segment: WEST MAIN ST-02							
From:MECHANIC STREET	**To: UNION STREET**						
Odd Side:	Odd	815.23	5	Concrete	**Good**	Vertical Granite	5
Even Side:	Even	815.23	5	Concrete	**Good**	Vertical Granite	5
Segment: WEST MAIN ST-03							
From:UNION STREET	**To: ROGERS STREET**						
Odd Side:	Odd	475.73	5	Mix	**Good**	Combination	5
Even Side:	Even	475.73	5	Concrete	**Good**	Combination	5
Segment: WEST MAIN ST-04							
From:ROGERS STREET	**To: OVERPASS**						
Odd Side:	Odd	82.90	5	Mix	**Good**	Vertical Granite	5
Even Side:	Even	82.90	5	Asphalt	**Good**	Vertical Granite	5

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: WEST MAIN ST-05							
From:OVERPASS	**To: OLD WEST MAIN STREET**						
Odd Side:	Odd	341.62	5	Asphalt	**Good**	Vertical Granite	4
Even Side:	Even	341.62	5	Asphalt	**Good**	Vertical Granite	4
Segment: WEST MAIN ST-06							
From:OLD WEST MAIN STREET	**To: MACARTHUR AVENUE**						
Odd Side:	Odd	1,502.69	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	2
Even Side:	Even	1,502.69	5	Concrete	**Good**	None	0
Street : WEST STREET							
Segment: WEST ST-01							
From:MAIN STREET	**To: PARKING LOT**						
Odd Side:	None	202.75	0	None	**None**	None	0
Even Side:	Even	202.75	3	Asphalt	**Poor**	Bit. Berm (Cape Cod)	3
Segment: WEST ST-02							
From:PARKING LOT	**To: CAMBRIDGE STREET**						
Odd Side:	None	378.05	0	None	**None**	None	0
Even Side:	Even	378.05	4	Asphalt	**Good**	Bit. Berm (Cape Cod)	3
Street : WILLIAM STREET							
Segment: WILLIAM ST-01							
From:WASHINGTON STREET	**To: NASHUA STREET**						
Odd Side:	None	283.01	0	None	**None**	None	0
Even Side:	Even	283.01	5	Asphalt	**Poor**	Bit. Berm (Cape Cod)	3
Segment: WILLIAM ST-02							
From:NASHUA STREET	**To: COLUMBIA STREET**						
Odd Side:	None	204.34	0	None	**None**	Bit. Berm (Cape Cod)	4
Even Side:	Even	204.34	4	Asphalt	**Fair**	Combination	6
Segment: WILLIAM ST-03							
From:COLUMBIA STREET	**To: HOLMES STREET**						
Odd Side:	None	199.06	0	None	**None**	Bit. Berm (Cape Cod)	5
Even Side:	Even	199.06	5	Mix	**Fair**	Combination	5

	Exists	Length	Width	Material	Condition	Curb Type	Reveal
Segment: WILLIAM ST-04							
From:HOLMES STREET	**To: DEAD END**						
Odd Side:	None	528.00	0	None	**None**	Bit. Berm (Cape Cod)	5
Even Side:	Even	528.00	4	Concrete	**Poor**	None	0
Street : WINTERBERRY LANE							
Segment: WINTERBERRY LN							
From:HIBISCUS LANE	**To: CUL-DE-SAC**						
Odd Side:	Odd	633.07	3	Asphalt	**Good**	Sloped Granite	6
Even Side:	Even	633.07	3	Asphalt	**Good**	Sloped Granite	6
Street : WINTHROP AVENUE							
Segment: WINTHROP AVE							
From:HIGH STREET	**To: HIGHLAND AVENUE**						
Odd Side:	Odd	247.10	4	Concrete	**Fair**	None	0
Even Side:	None	247.10	0	None	**None**	Bit. Berm (Cape Cod)	5

Appendix C

Inventory Reports

Sidewalk Condition and Estimated Replacement Cost – Asphalt

Town of Ayer, Massachusetts

Complete Streets Program

Sidewalk Condition and Estimated Replacement Costs - Asphalt

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
ADAMS STREET								
ADAMS ST	CENTRAL AVENUE	CAMBRIDGE STREET	**Even**	211.20	4	Asphalt	**Good**	$0.00
ADAMS ST	CENTRAL AVENUE	CAMBRIDGE STREET	**Odd**	211.20	3	Asphalt	**Good**	$0.00
			Total Length:	**422.40**			**Total Cost:**	**$0.00**
BENNETTS CROSSING								
BENNETTS CROSSING-02	ROBBINS ROAD	PING RY WAY	**Even**	285.12	4	Asphalt	**Good**	$0.00
BENNETTS CROSSING-02	ROBBINS ROAD	PING RY WAY	**Odd**	285.12	4	Asphalt	**Good**	$0.00
BENNETTS CROSSING-03	PING RY WAY	CUL-DE-SAC	**Even**	427.68	4	Asphalt	**Good**	$0.00
BENNETTS CROSSING-03	PING RY WAY	CUL-DE-SAC	**Odd**	427.68	3	Asphalt	**Good**	$0.00
			Total Length:	**1,425.60**			**Total Cost:**	**$0.00**
BLUEBERRY CIRCLE								
BLUEBERRY CIR	CALVIN STREET	CUL-DE-SAC	**Even**	270.34	4	Asphalt	**Good**	$0.00
			Total Length:	**270.34**			**Total Cost:**	**$0.00**
CAMBRIDGE STREET								
CAMBRIDGE ST-03	WASHINGTON STREET	COLUMBIA STREET	**Even**	413.42	5	Asphalt	**Fair**	$5,742.00
CAMBRIDGE ST-03	WASHINGTON STREET	COLUMBIA STREET	**Odd**	413.42	5	Asphalt	**Fair**	$5,742.00
			Total Length:	**826.85**			**Total Cost:**	**$11,484.00**
CENTRAL AVENUE								
CENTRAL AVE-01	COLUMBIA STREET	ADAMS STREET	**Even**	477.31	5	Asphalt	**Good**	$0.00
CENTRAL AVE-02	ADAMS STREET	NORWOOD AVENUE	**Even**	338.98	5	Asphalt	**Good**	$0.00
CENTRAL AVE-02	ADAMS STREET	NORWOOD AVENUE	**Odd**	338.98	5	Asphalt	**Good**	$0.00
CENTRAL AVE-03	NORWOOD AVENUE	60 CENTRAL AVENUE	**Even**	1665.31	5	Asphalt	**Good**	$0.00
CENTRAL AVE-04	60 CENTRAL AVENUE	GROTON HARVARD ROAD	**Even**	1665.31	5	Asphalt	**Good**	$0.00
CENTRAL AVE-05	GROTON HARVARD ROAD	OAK GROVE STREET	**Even**	819.98	4	Asphalt	**Fair**	$9,110.93
CENTRAL AVE-06	OAK GROVE STREET	GROVELAND STREET	**Even**	213.31	4	Asphalt	**Fair**	$2,370.13
CENTRAL AVE-07	GROVELAND STREET	SANDY POND ROAD	**Even**	1160.02	4	Asphalt	**Fair**	$12,889.07
			Total Length:	**6,679.20**			**Total Cost:**	**$24,370.13**
CHURCH STREET								
CHURCH ST	EAST MAIN STREET	GROVE STREET	**Even**	422.40	3	Asphalt	**Poor**	$7,040.00
			Total Length:	**422.40**			**Total Cost:**	**$7,040.00**
COLUMBIA STREET								
COLUMBIA ST-02	CENTRAL AVENUE	CAMBRIDGE STREET	**Even**	78.67	4	Asphalt	**Fair**	$874.13
COLUMBIA ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Even**	211.20	4	Asphalt	**Fair**	$2,346.67
			Total Length:	**289.87**			**Total Cost:**	**$3,220.80**

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
EAST MAIN STREET								
EAST MAIN ST-01	HARVARD ROAD	PINE STREET	**Even**	251.86	5	Asphalt	**Fair**	$3,498.00
EAST MAIN ST-01	HARVARD ROAD	PINE STREET	**Odd**	251.86	5	Asphalt	**Fair**	$3,498.00
EAST MAIN ST-02	PINE STREET	GROTON HARVARD ROAD	**Even**	267.70	5	Asphalt	**Fair**	$3,718.00
EAST MAIN ST-02	PINE STREET	GROTON HARVARD ROAD	**Odd**	267.70	6	Asphalt	**Fair**	$4,461.60
EAST MAIN ST-03	GROTON HARVARD ROAD	MAPLE STREET	**Even**	411.31	5	Asphalt	**Fair**	$5,712.67
EAST MAIN ST-04	MAPLE STREET	POND STREET	**Even**	525.36	5	Asphalt	**Fair**	$7,296.67
EAST MAIN ST-04	MAPLE STREET	POND STREET	**Odd**	525.36	5	Asphalt	**Fair**	$7,296.67
EAST MAIN ST-05	POND STREET	OAK STREET	**Even**	227.57	5	Asphalt	**Fair**	$3,160.67
EAST MAIN ST-05	POND STREET	OAK STREET	**Odd**	227.57	5	Asphalt	**Fair**	$3,160.67
EAST MAIN ST-06	OAK STREET	SCHOOL STREET	**Even**	284.06	5	Asphalt	**Fair**	$3,945.33
EAST MAIN ST-06	OAK STREET	SCHOOL STREET	**Odd**	284.06	5	Asphalt	**Fair**	$3,945.33
EAST MAIN ST-07	SCHOOL STREET	MAIN STREET	**Even**	422.40	4	Asphalt	**Fair**	$4,693.33
EAST MAIN ST-07	SCHOOL STREET	MAIN STREET	**Odd**	422.40	4	Asphalt	**Fair**	$4,693.33
			Total Length:	**4,369.20**			**Total Cost:**	**$59,080.27**
ELM STREET								
ELM ST-01	GROVE STREET	PROSPECT STREET	**Even**	264.00	4	Asphalt	**Fair**	$2,933.33
ELM ST-01	GROVE STREET	PROSPECT STREET	**Odd**	264.00	4	Asphalt	**Fair**	$2,933.33
ELM ST-02	PROSPECT STREET	EAST MAIN STREET	**Even**	158.40	4	Asphalt	**Fair**	$1,760.00
ELM ST-02	PROSPECT STREET	EAST MAIN STREET	**Odd**	158.40	4	Asphalt	**Fair**	$1,760.00
			Total Length:	**844.80**			**Total Cost:**	**$9,386.67**
FLETCHER STREET								
FLETCHER ST-01	EAST STREET	PINE STREET	**Even**	484.70	3	Asphalt	**Fair**	$4,039.20
FLETCHER ST-01	EAST STREET	PINE STREET	**Odd**	484.70	3	Asphalt	**Fair**	$4,039.20
FLETCHER ST-02	PINE STREET	MAPLE STREET	**Even**	223.87	3	Asphalt	**Poor**	$3,731.20
FLETCHER ST-02	PINE STREET	MAPLE STREET	**Odd**	223.87	3	Asphalt	**Poor**	$3,731.20
FLETCHER ST-03	MAPLE STREET	WHITCOMB AVENUE	**Even**	336.86	3	Asphalt	**Fair**	$2,807.20
FLETCHER ST-03	MAPLE STREET	WHITCOMB AVENUE	**Odd**	336.86	3	Asphalt	**Fair**	$2,807.20
FLETCHER ST-04	WHITCOMB AVENUE	POND STREET	**Even**	231.26	3	Asphalt	**Fair**	$1,927.20
			Total Length:	**2,322.14**			**Total Cost:**	**$23,082.40**
FOX RUN DRIVE								
FOX RUN DR	SNAKE HILL ROAD	DEAD END	**Even**	982.61	4	Asphalt	**Good**	$0.00
FOX RUN DR	SNAKE HILL ROAD	DEAD END	**Odd**	982.61	4	Asphalt	**Good**	$0.00
			Total Length:	**1,965.22**			**Total Cost:**	**$0.00**
GROTON HARVARD ROAD								
GROTON HARVARD RD-04	CENTRAL AVENUE	OAKRIDGE DRIVE	**Even**	1842.72	4	Asphalt	**Good**	$0.00
GROTON HARVARD RD-05	OAKRIDGE DRIVE	WASHINGTON STREET	**Even**	798.86	4	Asphalt	**Good**	$0.00
			Total Length:	**2,641.58**			**Total Cost:**	**$0.00**
GROTON SCHOOL ROAD								
GROTON SCHOOL RD-07	GROTON SHIRLEY ROAD	AMANDREY WAY	**Even**	143.62	3	Asphalt	**Good**	$0.00

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
GROTON SCHOOL RD-08	AMANDREY WAY	GROTON TOWN LINE	Even	301.49	3	Asphalt	Good	$0.00
			Total Length:	**445.10**			**Total Cost:**	**$0.00**
GROVE STREET								
GROVE ST-04	ELM STREET	CHURCH STREET	Even	304.66	4	Asphalt	Poor	$6,770.13
GROVE ST-05	CHURCH STREET	FOREST STREET	Even	318.38	4	Asphalt	Poor	$7,075.20
			Total Length:	**623.04**			**Total Cost:**	**$13,845.33**
HAYMEADOW LANE								
HAYMEADOWN LN-01	FOX RUN DRIVE	QUAIL RUN	Even	607.20	4	Asphalt	Good	$0.00
HAYMEADOWN LN-01	FOX RUN DRIVE	QUAIL RUN	Odd	607.20	4	Asphalt	Good	$0.00
HAYMEADOWN LN-02	QUAIL RUN	OLD FARM WAY	Even	351.12	4	Asphalt	Good	$0.00
HAYMEADOWN LN-02	QUAIL RUN	OLD FARM WAY	Odd	351.12	4	Asphalt	Good	$0.00
			Total Length:	**1,916.64**			**Total Cost:**	**$0.00**
HIBISCUS LANE								
HIBISCUS LN-01	MULBERRY CIRCLE	MAGNOLIA DRIVE	Even	344.78	3	Asphalt	Fair	$2,873.20
HIBISCUS LN-01	MULBERRY CIRCLE	MAGNOLIA DRIVE	Odd	344.78	3	Asphalt	Fair	$2,873.20
			Total Length:	**689.57**			**Total Cost:**	**$5,746.40**
HIGHLAND AVENUE								
HIGHLAND AVE-02	NASHUA STREET	COOLIDGE ROAD	Even	279.84	4	Asphalt	Fair	$3,109.33
HIGHLAND AVE-03	COOLIDGE ROAD	LINCOLN STREET	Even	248.16	3	Asphalt	Fair	$2,068.00
HIGHLAND AVE-04	LINCOLN STREET	NORWOOD AVENUE	Even	421.87	4	Asphalt	Good	$0.00
HIGHLAND AVE-05	NORWOOD AVENUE	BRILIANA COURT	Even	264.53	4	Asphalt	Good	$0.00
			Total Length:	**1,214.40**			**Total Cost:**	**$5,177.33**
ISAACS LANE								
ISAACS LN	GROTON SCHOOL ROAD	CUL-DE-SAC	Even	1041.22	4	Asphalt	Fair	$11,569.07
			Total Length:	**1,041.22**			**Total Cost:**	**$11,569.07**
JOHN RILEY ROAD								
JOHN RILEY RD	GROTON SCHOOL ROAD	CUL-DE-SAC	Even	617.23	4	Asphalt	Good	$0.00
			Total Length:	**617.23**			**Total Cost:**	**$0.00**
MAIN STREET								
MAIN ST-06	BRIDGE	EAST MAIN STREET	Even	347.95	5	Asphalt	Fair	$4,832.67
MAIN ST-06	BRIDGE	EAST MAIN STREET	Odd	347.95	5	Asphalt	Fair	$4,832.67
			Total Length:	**695.90**			**Total Cost:**	**$9,665.33**
MAPLE STREET								
MAPLE ST-02	FLETCHER STREET	THIRD STREET	Even	279.84	3	Asphalt	Fair	$2,332.00
			Total Length:	**279.84**			**Total Cost:**	**$2,332.00**
MOUNTAIN LAUREL ROAD								
MOUNTAIN LAUREL RD-01	SANDY POND ROAD	MOUNTAIN LAUREL RD-02	Even	479.95	4	Asphalt	Good	$0.00
MOUNTAIN LAUREL RD-02	MOUNTAIN LAUREL RD-01	MOUNTAIN LAUREL RD-01	Even	1386.00	4	Asphalt	Good	$0.00

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
MOUNTAIN LAUREL RD-02	MOUNTAIN LAUREL RD-01	MOUNTAIN LAUREL RD-01	Odd	1386.00	4	Asphalt	Good	$0.00
		Total Length:		**3,251.95**			**Total Cost:**	**$0.00**
MULBERRY CIRCLE								
MULBERRY CIR	WESTFORD ROAD	MULBERRY CIRCLE	Even	399.70	4	Asphalt	Fair	$4,441.07
MULBERRY CIR	WESTFORD ROAD	MULBERRY CIRCLE	Odd	399.70	4	Asphalt	Fair	$4,441.07
		Total Length:		**799.39**			**Total Cost:**	**$8,882.13**
NASHUA STREET								
NASHUA ST-01	WILLIAM STREET	HIGHLAND AVENUE	Even	422.40	4	Asphalt	Fair	$4,693.33
NASHUA ST-06	HOWARD STREET	TAFT STREET	Even	685.34	3	Asphalt	Fair	$5,711.20
		Total Length:		**1,107.74**			**Total Cost:**	**$10,404.53**
NASHUA STREET EXTENSION								
NASHUA ST EXT	TAFT STREET	DEAD END	Even	211.20	3	Asphalt	Fair	$1,760.00
		Total Length:		**211.20**			**Total Cost:**	**$1,760.00**
NORWOOD AVENUE								
NORWOOD AVE-02	HIGHLAND AVENUE	50 NORWOOD AVENUE	Even	264.00	4	Asphalt	Good	$0.00
NORWOOD AVE-03	50 NORWOOD AVENUE	WASHINGTON STREET	Even	264.00	4	Asphalt	Good	$0.00
		Total Length:		**528.00**			**Total Cost:**	**$0.00**
OAK STREET								
OAK ST-01	EAST MAIN STREET	PROSPECT STREET	Even	171.60	4	Asphalt	Fair	$1,906.67
OAK ST-01	EAST MAIN STREET	PROSPECT STREET	Odd	171.60	4	Asphalt	Fair	$1,906.67
		Total Length:		**343.20**			**Total Cost:**	**$3,813.33**
OLD FARM WAY								
OLD FARM WAY	HAYMEADOW LANE	DEAD END	Even	925.58	4	Asphalt	Good	$0.00
OLD FARM WAY	HAYMEADOW LANE	DEAD END	Odd	925.58	4	Asphalt	Good	$0.00
		Total Length:		**1,851.17**			**Total Cost:**	**$0.00**
OLD GROTON ROAD								
OLD GROTON RD-01	GROTON HARVARD ROAD	MADIGAN LN	Even	1816.32	3	Asphalt	Good	$0.00
OLD GROTON RD-02	MADIGAN LN	DRIVEWAY	Even	797.81	3	Asphalt	Fair	$6,648.40
		Total Length:		**2,614.13**			**Total Cost:**	**$6,648.40**
PARK STREET								
PARK ST-01	WEST MAIN STREET	GROTON STREET	Even	215.42	5	Asphalt	Fair	$2,992.00
PARK ST-02	GROTON STREET	BROOK STREET	Even	477.31	5	Asphalt	Good	$0.00
		Total Length:		**692.74**			**Total Cost:**	**$2,992.00**
PEARL STREET								
PEARL ST-03	GROTON STREET	CAMBRIDGE STREET	Even	475.20	4	Asphalt	Fair	$5,280.00
		Total Length:		**475.20**			**Total Cost:**	**$5,280.00**
PINGRY WAY								
PINGRY WAY-01	BENNETTS CROSSING	ROBBINS ROAD	Even	1433.52	4	Asphalt	Good	$0.00

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
PINGRY WAY-01	BENNETTS CROSSING	ROBBINS ROAD	**Odd**	1433.52	4	Asphalt	**Good**	$0.00
PINGRY WAY-02	ROBBINS ROAD	CUL-DE-SAC	**Even**	1019.04	4	Asphalt	**Good**	$0.00
			Total Length:	**3,886.08**			**Total Cost:**	**$0.00**
PLEASANT STREET								
PLEASANT ST-02	CAMBRIDGE STREET	GROTON STREET	**Even**	844.80	5	Asphalt	**Poor**	$23,466.67
			Total Length:	**844.80**			**Total Cost:**	**$23,466.67**
PROSPECT STREET								
PROSPECT ST-02	SCHOOL STREET	ELM STREET	**Odd**	528.00	3	Asphalt	**Good**	$0.00
			Total Length:	**528.00**			**Total Cost:**	**$0.00**
QUAIL RUN								
QUAIL RUN	HAYMEADOW LANE	DEAD END	**Even**	389.66	4	Asphalt	**Good**	$0.00
QUAIL RUN	HAYMEADOW LANE	DEAD END	**Odd**	389.66	4	Asphalt	**Good**	$0.00
			Total Length:	**779.33**			**Total Cost:**	**$0.00**
ROBBINS ROAD								
ROBBINS RD	BENNETTS CROSSING	PINGRY WAY	**Even**	1683.79	4	Asphalt	**Good**	$0.00
ROBBINS RD	BENNETTS CROSSING	PINGRY WAY	**Odd**	1683.79	4	Asphalt	**Good**	$0.00
			Total Length:	**3,367.58**			**Total Cost:**	**$0.00**
ROGERS STREET								
ROGERS ST	WEST MAIN STREET	SHIRLEY STREET	**Even**	105.60	4	Asphalt	**Good**	$0.00
ROGERS ST	WEST MAIN STREET	SHIRLEY STREET	**Odd**	105.60	4	Asphalt	**Good**	$0.00
			Total Length:	**211.20**			**Total Cost:**	**$0.00**
SANDY POND ROAD								
SANDY POND RD-01	FREDERICK CARLTON CIRC	PRIVATE DRIVE	**Even**	144.67	4	Asphalt	**Fair**	$1,607.47
SANDY POND RD-02	PRIVATE DRIVE	CENTRAL AVENUE	**Even**	670.56	4	Asphalt	**Good**	$0.00
SANDY POND RD-03	CENTRAL AVENUE	OLD SANDY POND ROAD	**Even**	251.86	4	Asphalt	**Good**	$0.00
SANDY POND RD-04	OLD SANDY POND ROAD	SAMANTHA LANE	**Even**	446.16	4	Asphalt	**Good**	$0.00
SANDY POND RD-05	SAMANTHA LANE	SNAKE HILL ROAD	**Even**	458.83	4	Asphalt	**Good**	$0.00
			Total Length:	**1,972.08**			**Total Cost:**	**$1,607.47**
SCULLEY ROAD								
SCULLY RD-01	WEST MAIN STREET	PRIVATE ROAD	**Even**	1056.00	4	Asphalt	**Good**	$0.00
			Total Length:	**1,056.00**			**Total Cost:**	**$0.00**
SHADOW LANE								
SHADOW LN	GROTON SCHOOL ROAD	CUL-DE-SAC	**Even**	196.42	4	Asphalt	**Good**	$0.00
			Total Length:	**196.42**			**Total Cost:**	**$0.00**
SHELLY LANE								
SHELLY LN	THIRD STREET	DEAD END	**Even**	303.60	3	Asphalt	**Good**	$0.00
			Total Length:	**303.60**			**Total Cost:**	**$0.00**

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
SHIRLEY STREET								
SHIRLEY ST-03	MECHANIC STREET	MILL STREET	**Even**	310.99	6	Asphalt	**Poor**	$10,366.40
			Total Length:	**310.99**			**Total Cost:**	**$10,366.40**
SNAKE HILL ROAD								
SNAKE HILL RD-01	LITTLETON ROAD	FOX RUN DRIVE	**Even**	2561.33	4	Asphalt	**Good**	$0.00
SNAKE HILL RD-01	LITTLETON ROAD	FOX RUN DRIVE	**Odd**	2561.33	4	Asphalt	**Good**	$0.00
SNAKE HILL RD-02	FOX RUN DRIVE	PRIVATE WAY	**Even**	568.13	4	Asphalt	**Good**	$0.00
SNAKE HILL RD-02	FOX RUN DRIVE	PRIVATE WAY	**Odd**	568.13	4	Asphalt	**Good**	$0.00
			Total Length:	**6,258.91**			**Total Cost:**	**$0.00**
WASHINGTON STREET								
WASHINGTON ST-02	NEWTON STREET	CAMBRIDGE STREET	**Even**	274.56	4	Asphalt	**Fair**	$3,050.67
WASHINGTON ST-02	NEWTON STREET	CAMBRIDGE STREET	**Odd**	274.56	6	Asphalt	**Fair**	$4,576.00
WASHINGTON ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Even**	271.92	5	Asphalt	**Fair**	$3,776.67
WASHINGTON ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Odd**	271.92	6	Asphalt	**Fair**	$4,532.00
WASHINGTON ST-04	WILLIAM STREET	WASHINGTON COURT	**Even**	511.10	5	Asphalt	**Fair**	$7,098.67
WASHINGTON ST-04	WILLIAM STREET	WASHINGTON COURT	**Odd**	511.10	6	Asphalt	**Fair**	$8,518.40
WASHINGTON ST-05	WASHINGTON COURT	HIGHLAND AVENUE	**Even**	230.21	5	Asphalt	**Fair**	$3,197.33
WASHINGTON ST-05	WASHINGTON COURT	HIGHLAND AVENUE	**Odd**	230.21	5	Asphalt	**Fair**	$3,197.33
WASHINGTON ST-06	HIGHLAND AVENUE	GROTON STREET	**Even**	563.90	4	Asphalt	**Fair**	$6,265.60
WASHINGTON ST-07	GROTON STREET	NASHUA STREET	**Even**	495.26	5	Asphalt	**Fair**	$6,878.67
WASHINGTON ST-07	GROTON STREET	NASHUA STREET	**Odd**	495.26	5	Asphalt	**Fair**	$6,878.67
WASHINGTON ST-08	NASHUA STREET	HOWARD STREET	**Even**	241.82	5	Asphalt	**Good**	$0.00
WASHINGTON ST-10	MOUNTAIN AVENUE	NORWOOD AVENUE	**Even**	219.12	3	Asphalt	**Poor**	$3,652.00
WASHINGTON ST-10	MOUNTAIN AVENUE	NORWOOD AVENUE	**Odd**	219.12	4	Asphalt	**Poor**	$4,869.33
WASHINGTON ST-11	NORWOOD AVENUE	SCHOOL DRIVE	**Even**	100.32	5	Asphalt	**Fair**	$1,393.33
WASHINGTON ST-11	NORWOOD AVENUE	SCHOOL DRIVE	**Odd**	100.32	4	Asphalt	**Fair**	$1,114.67
			Total Length:	**5,010.72**			**Total Cost:**	**$68,999.33**
WEST MAIN STREET								
WEST MAIN ST-04	ROGERS STREET	OVERPASS	**Even**	82.90	5	Asphalt	**Good**	$0.00
WEST MAIN ST-05	OVERPASS	OLD WEST MAIN STREET	**Even**	341.62	5	Asphalt	**Good**	$0.00
WEST MAIN ST-05	OVERPASS	OLD WEST MAIN STREET	**Odd**	341.62	5	Asphalt	**Good**	$0.00
WEST MAIN ST-06	OLD WEST MAIN STREET	MACARTHUR AVENUE	**Odd**	1502.69	4	Asphalt	**Good**	$0.00
			Total Length:	**2,268.82**			**Total Cost:**	**$0.00**
WEST STREET								
WEST ST-01	MAIN STREET	PARKING LOT	**Even**	202.75	3	Asphalt	**Poor**	$3,379.20
WEST ST-02	PARKING LOT	CAMBRIDGE STREET	**Even**	378.05	4	Asphalt	**Good**	$0.00
			Total Length:	**580.80**			**Total Cost:**	**$3,379.20**
WILLIAM STREET								
WILLIAM ST-01	WASHINGTON STREET	NASHUA STREET	**Even**	283.01	5	Asphalt	**Poor**	$7,861.33
WILLIAM ST-02	NASHUA STREET	COLUMBIA STREET	**Even**	204.34	4	Asphalt	**Fair**	$2,270.40

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
			Total Length:	**487.34**			**Total Cost:**	**$10,131.73**
WINTERBERRY LANE								
WINTERBERRY LN	HIBISCUS LANE	CUL-DE-SAC	**Even**	633.07	3	Asphalt	**Good**	$0.00
WINTERBERRY LN	HIBISCUS LANE	CUL-DE-SAC	**Odd**	633.07	3	Asphalt	**Good**	$0.00
			Total Length:	**1,266.14**			**Total Cost:**	**$0.00**

Appendix C

Inventory Reports

Sidewalk Condition and Estimated Replacement Cost – Concrete

Town of Ayer, Massachusetts

Complete Streets Program

Sidewalk Condition and Estimated Replacement Costs - Concrete

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
CAMBRIDGE STREET								
CAMBRIDGE ST-04	COLUMBIA STREET	ADAMS STREET	**Even**	423.46	4	Concrete	Fair	$4,705.07
CAMBRIDGE ST-04	COLUMBIA STREET	ADAMS STREET	**Odd**	423.46	5	Concrete	Fair	$11,762.67
			Total Length:	**846.91**			**Total Cost:**	**$16,467.73**
CENTRAL AVENUE								
CENTRAL AVE-01	COLUMBIA STREET	ADAMS STREET	**Odd**	477.31	5	Concrete	Good	$0.00
			Total Length:	**477.31**			**Total Cost:**	**$0.00**
COLUMBIA STREET								
COLUMBIA ST-01	MAIN STREET	CENTRAL AVENUE	**Even**	158.40	6	Concrete	Fair	$2,640.00
COLUMBIA ST-01	MAIN STREET	CENTRAL AVENUE	**Odd**	158.40	5	Concrete	Good	$0.00
COLUMBIA ST-03	CAMBRIDGE STREET	WILLIAM STREET	**Odd**	211.20	4	Concrete	Good	$0.00
			Total Length:	**528.00**			**Total Cost:**	**$2,640.00**
EAST MAIN STREET								
EAST MAIN ST-03	GROTON HARVARD ROAD	MAPLE STREET	**Odd**	411.31	5	Concrete	Fair	$11,425.33
			Total Length:	**411.31**			**Total Cost:**	**$11,425.33**
EAST STREET								
EAST ST-02	HARVARD ROAD	FLETCHER STREET	**Even**	215.95	4	Concrete	Fair	$2,399.47
EAST ST-02	HARVARD ROAD	FLETCHER STREET	**Odd**	215.95	3	Concrete	Fair	$3,599.20
EAST ST-03	FLETCHER STREET	THIRD STREET	**Even**	250.80	4	Concrete	Fair	$2,786.67
EAST ST-03	FLETCHER STREET	THIRD STREET	**Odd**	250.80	4	Concrete	Fair	$5,573.33
			Total Length:	**933.50**			**Total Cost:**	**$14,358.67**
FAULKNER STREET								
FAULKNER ST-02	ELM STREET	LINDEN COURT	**Odd**	260.30	4	Concrete	Fair	$5,784.53
FAULKNER ST-04	CHURCH STREET	FOREST STREET	**Odd**	211.20	4	Concrete	Good	$0.00
			Total Length:	**471.50**			**Total Cost:**	**$5,784.53**
FLETCHER STREET								
FLETCHER ST-04	WHITCOMB AVENUE	POND STREET	**Odd**	231.26	5	Concrete	Fair	$6,424.00
			Total Length:	**231.26**			**Total Cost:**	**$6,424.00**
FOREST STREET								
FOREST ST-01	BLIGH STREET	GROVE STREET	**Even**	211.20	3	Concrete	Poor	$3,520.00
FOREST ST-02	GROVE STREET	EAST MAIN STREET	**Even**	369.60	4	Concrete	Good	$0.00
FOREST ST-02	GROVE STREET	EAST MAIN STREET	**Odd**	369.60	3	Concrete	Poor	$9,240.00

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
			Total Length:	**950.40**			**Total Cost:**	**$12,760.00**
HIGH STREET								
HIGH ST-01	HOLMES STREET	LINCOLN STREET	**Even**	158.40	4	Concrete	Poor	$3,520.00
HIGH ST-03	NORWOOD AVENUE	WINTHROP AVENUE	**Odd**	334.22	4	Concrete	Fair	$7,427.20
			Total Length:	**492.62**			**Total Cost:**	**$10,947.20**
HOWARD STREET								
HOWARD ST-01	WASHINGTON STREET	NASHUA STREET	**Even**	174.24	4	Concrete	Poor	$3,872.00
			Total Length:	**174.24**			**Total Cost:**	**$3,872.00**
LINCOLN STREET								
LINCOLN ST-01	HIGH STREET	HIGHLAND AVENUE	**Odd**	462.00	4	Concrete	Good	$0.00
			Total Length:	**462.00**			**Total Cost:**	**$0.00**
MAIN STREET								
MAIN ST-03	PLEASANT STREET	WASHINGTON STREET	**Even**	222.29	5	Concrete	Good	$0.00
MAIN ST-04	WASHINGTON STREET	COLUMBIA STREET	**Even**	464.11	5	Concrete	Fair	$6,446.00
MAIN ST-05	COLUMBIA STREET	BRIDGE	**Even**	391.25	5	Concrete	Good	$0.00
			Total Length:	**1,077.65**			**Total Cost:**	**$6,446.00**
MAPLE STREET								
MAPLE ST-02	FLETCHER STREET	THIRD STREET	**Odd**	279.84	3	Concrete	Poor	$6,996.00
MAPLE ST-03	THIRD STREET	FOURTH STREET	**Odd**	316.80	3	Concrete	Fair	$5,280.00
			Total Length:	**596.64**			**Total Cost:**	**$12,276.00**
MECHANIC STREET								
MECHANIC ST	SHIRLEY STREET	WEST MAIN STREET	**Odd**	211.20	5	Concrete	Fair	$5,866.67
			Total Length:	**211.20**			**Total Cost:**	**$5,866.67**
NASHUA STREET								
NASHUA ST-05	WASHINGTON STREET	HOWARD STREET	**Even**	159.46	5	Concrete	Fair	$2,214.67
NASHUA ST-05	WASHINGTON STREET	HOWARD STREET	**Odd**	159.46	4	Concrete	Fair	$3,543.47
			Total Length:	**318.91**			**Total Cost:**	**$5,758.13**
PINE STREET								
PINE ST-01	THIRD STREET	FLETCHER STREET	**Even**	264.00	3	Concrete	Poor	$4,400.00
			Total Length:	**264.00**			**Total Cost:**	**$4,400.00**
PLEASANT STREET								
PLEASANT ST-01	MAIN STREET	CAMBRIDGE STREET	**Even**	181.63	3	Concrete	Fair	$1,513.60
PLEASANT ST-01	MAIN STREET	CAMBRIDGE STREET	**Odd**	181.63	3	Concrete	Fair	$3,027.20
PLEASANT ST-03	GROTON STREET	HOWARD STREET	**Even**	343.20	4	Concrete	Good	$0.00
PLEASANT ST-03	GROTON STREET	HOWARD STREET	**Odd**	343.20	3	Concrete	Fair	$5,720.00
PLEASANT ST-04	HOWARD STREET	TAFT STREET	**Odd**	950.40	4	Concrete	Poor	$31,680.00
			Total Length:	**2,000.06**			**Total Cost:**	**$41,940.80**

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
PLEASANT STREET EXTENSION								
PLEASANT ST EXT	TAFT STREET	DEAD END	**Even**	211.20	4	Concrete	Fair	$2,346.67
			Total Length:	**211.20**			**Total Cost:**	**$2,346.67**
POND STREET								
POND ST-01	EAST MAIN STREET	FLETCHER STREET	**Even**	305.18	4	Concrete	Good	$0.00
POND ST-02	FLETCHER STREET	DEAD END	**Even**	80.26	4	Concrete	Good	$0.00
			Total Length:	**385.44**			**Total Cost:**	**$0.00**
PROSPECT STREET								
PROSPECT ST-01	OAK STREET	SCHOOL STREET	**Odd**	264.00	4	Concrete	Good	$0.00
PROSPECT ST-02	SCHOOL STREET	ELM STREET	**Even**	528.00	4	Concrete	Good	$0.00
			Total Length:	**792.00**			**Total Cost:**	**$0.00**
SCHOOL STREET								
SCHOOL ST-01	EAST MAIN STREET	PROSPECT STREET	**Odd**	151.54	4	Concrete	Poor	$5,051.20
SCHOOL ST-02	PROSPECT STREET	GROVE STREET	**Odd**	218.06	4	Concrete	Poor	$7,268.80
SCHOOL ST-03	GROVE STREET	BLIGH STREET	**Odd**	316.80	4	Concrete	Poor	$10,560.00
			Total Length:	**686.40**			**Total Cost:**	**$22,880.00**
TAFT STREET								
TAFT ST-01	NASHUA STREET	PLEASANT STREET	**Odd**	528.00	3	Concrete	Fair	$8,800.00
TAFT ST-02	PLEASANT STREET	JACKSON STREET	**Even**	214.37	3	Concrete	Fair	$1,786.40
TAFT ST-02	PLEASANT STREET	JACKSON STREET	**Odd**	214.37	3	Concrete	Fair	$3,572.80
			Total Length:	**956.74**			**Total Cost:**	**$14,159.20**
THIRD STREET								
THIRD ST-02	EAST STREET	PINE STREET	**Even**	475.20	3	Concrete	Fair	$3,960.00
THIRD ST-02	EAST STREET	PINE STREET	**Odd**	475.20	4	Concrete	Good	$0.00
			Total Length:	**950.40**			**Total Cost:**	**$3,960.00**
WASHINGTON STREET								
WASHINGTON ST-01	MAIN STREET	NEWTON STREET	**Even**	296.74	6	Concrete	Good	$0.00
WASHINGTON ST-01	MAIN STREET	NEWTON STREET	**Odd**	296.74	6	Concrete	Good	$0.00
WASHINGTON ST-08	NASHUA STREET	HOWARD STREET	**Odd**	241.82	5	Concrete	Fair	$6,717.33
			Total Length:	**835.30**			**Total Cost:**	**$6,717.33**
WEST MAIN STREET								
WEST MAIN ST-01	PARK STREET	MECHANIC STREET	**Even**	438.24	5	Concrete	Good	$0.00
WEST MAIN ST-01	PARK STREET	MECHANIC STREET	**Odd**	438.24	5	Concrete	Good	$0.00
WEST MAIN ST-02	MECHANIC STREET	UNION STREET	**Even**	815.23	5	Concrete	Good	$0.00
WEST MAIN ST-02	MECHANIC STREET	UNION STREET	**Odd**	815.23	5	Concrete	Good	$0.00
WEST MAIN ST-03	UNION STREET	ROGERS STREET	**Even**	475.73	5	Concrete	Good	$0.00
WEST MAIN ST-06	OLD WEST MAIN STREET	MACARTHUR AVENUE	**Even**	1502.69	5	Concrete	Good	$0.00
			Total Length:	**4,485.36**			**Total Cost:**	**$0.00**

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
WILLIAM STREET								
WILLIAM ST-04	HOLMES STREET	DEAD END	**Even**	528.00	4	Concrete	Poor	$11,733.33
			Total Length:	**528.00**			**Total Cost:**	**$11,733.33**
WINTHROP AVENUE								
WINTHROP AVE	HIGH STREET	HIGHLAND AVENUE	**Odd**	247.10	4	Concrete	Fair	$5,491.20
			Total Length:	**247.10**			**Total Cost:**	**$5,491.20**

Appendix C

Inventory Reports

Sidewalk Condition and Estimated Replacement Cost – Brick

Town of Ayer, Massachusetts

Complete Streets Program

Sidewalk Condition and Estimated Replacement Costs - Brick

Street Name	From	To	Exists	Length	Width	Material	Condition	Cost
OAK STREET								
OAK ST-02	PROSPECT ST	GROVE ST	**Even**	250.80	4	Brick	Poor	$5,573.33
			Total Length:	**250.80**			**Total Cost:**	**$5,573.33**
WASHINGTON STREET								
WASHINGTON ST-06	HIGHLAND AVENUE	GROTON STREET	**Odd**	563.90	5	Brick	Fair	$7,832.00
			Total Length:	**563.90**			**Total Cost:**	**$7,832.00**

Appendix C

Inventory Reports

Ramp Totals by Street

Town of Ayer, Massachusetts

Ramp Totals By Street

Street	Number of Ramps
CALVIN STREET	1
CAMBRIDGE STREET	10
CENTRAL AVENUE	14
CHURCH STREET	1
DAYBROOK DRIVE	2
EAST MAIN STREET	18
EAST STREET	2
FAULKNER STREET	6
FLETCHER STREET	4
GROTON HARVARD ROAD	2
GROTON SCHOOL ROAD	5
GROTON STREET	2
HIBISCUS LANE	2
HIGH STREET	2
HIGHLAND AVENUE	10
HOWARD STREET	2
ISAACS LANE	1
JOHN RILEY ROAD	1
LAWTON STREET	1
LINDEN STREET	2
LITTLETON ROAD	8
LOON HILL ROAD	12
MAIN STREET	16
MAPLE STREET	6
MOUNTAIN LAUREL ROAD	5
NASHUA STREET	3
NEWTON STREET	2
NORWOOD AVENUE	1
OAK STREET	1
OLD GROTON ROAD	2
OLD WEST MAIN STREET	1
PARK STREET	5
PATRICIA DRIVE	1
PEARL STREET	1
PINE STREET	2
PLEASANT STREET	2

Street	Number of Ramps
POND STREET	2
PROSPECT STREET	2
SANDY POND ROAD	9
SCHOOL STREET	3
SHELLY LANE	1
TAFT STREET	1
THIRD STREET	2
WASHINGTON STREET	24
WEST MAIN STREET	22
WHITCOMB AVENUE	1
WILLIAM STREET	5
Total:	**228.00**

Appendix C

Inventory Reports

Ramp Inspection Data by Street

Town of Ayer, Massachusetts

Ramp Inspection Data By Street - Total: 228

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
CALVIN STREET		**1 Ramps**					
At CALVIN STREET		1 Ramps					
138-1	No	Yes	No	No	No	**No**	Bituminous
CAMBRIDGE STREET		**10 Ramps**					
At COLUMBIA STREET		2 Ramps					
244-1	Yes	Yes	Yes	Yes	No	**No**	Concrete
244-2	Yes	Yes	No	No	No	**No**	Concrete
At PLEASANT STREET		3 Ramps					
247-1	Yes	No	No	Yes	No	**No**	Concrete
247-2	Yes	Yes	No	Yes	No	**No**	Concrete
247-2	Yes	Yes	No	Yes	No	**No**	Concrete
At WASHINGTON STREET		4 Ramps					
248-1	Yes	Yes	Yes	Yes	Yes	**Yes**	Concrete
248-2	Yes	Yes	Yes	Yes	Yes	**Yes**	Concrete
248-3	Yes	Yes	Yes	Yes	Yes	**Yes**	Concrete
248-4	Yes	Yes	Yes	Yes	Yes	**Yes**	Concrete
At WEST STREET		1 Ramps					
257-1	No	Yes	Yes	No	No	**No**	Bituminous
CENTRAL AVENUE		**14 Ramps**					
At ADAMS STREET		2 Ramps					
65-1	No	Yes	Yes	No	No	**No**	Bituminous
65-2	No	No	Yes	No	No	**No**	Bituminous
At COLUMBIA STREET		4 Ramps					
169-1	No	Yes	No	Yes	No	**No**	Bituminous
169-2	No	Yes	Yes	No	No	**No**	Concrete
169-3	No	No	No	No	No	**No**	Concrete
169-4	No	Yes	No	Yes	Yes	**No**	Concrete
At GROTON HARVARD ROAD		4 Ramps					
255-1	No	Yes	No	Yes	No	**No**	Bituminous
255-2	No	Yes	No	Yes	No	**No**	Bituminous
255-3	No	Yes	No	No	No	**No**	Bituminous
255-4	No	Yes	Yes	No	No	**No**	Bituminous
At NORWOOD AVENUE		2 Ramps					
215-1	No	Yes	No	Yes	No	**No**	Bituminous
215-2	No	Yes	No	Yes	No	**No**	Bituminous
At OAK GROVE STREET		2 Ramps					
161-1	No	Yes	No	Yes	No	**No**	Bituminous

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
161-2	No	Yes	No	Yes	No	**No**	Bituminous
CHURCH STREET		**1 Ramps**					
At GROVE STREET		1 Ramps					
164-1	No	No	No	Yes	No	**No**	Bituminous
DAYBROOK DRIVE		**2 Ramps**					
At OLD TOWNE ROAD		2 Ramps					
121-1	No	Yes	No	No	No	**No**	Bituminous
27-1	No	No	No	Yes	No	**No**	Bituminous
EAST MAIN STREET		**18 Ramps**					
At EAST MAIN STREET		2 Ramps					
95-1	No	No	No	Yes	No	**No**	Bituminous
95-2	No	No	No	No	No	**No**	Bituminous
At GROTON HARVARD ROAD		2 Ramps					
75-1	No	No	No	Yes	No	**No**	Bituminous
75-2	No	No	Yes	Yes	No	**No**	Bituminous
At MAPLE STREET		3 Ramps					
242-1	No	Yes	No	Yes	No	**No**	Bituminous
242-2	No	No	No	Yes	No	**No**	Concrete
242-3	No	No	Yes	No	No	**No**	Bituminous
At OAK STREET		2 Ramps					
96-1	No	No	Yes	No	No	**No**	Bituminous
96-2	No	No	No	No	No	**No**	Bituminous
At PAGE STREET		2 Ramps					
55-1	No	No	No	Yes	No	**No**	Bituminous
55-2	No	Yes	No	Yes	No	**No**	Bituminous
At PINE STREET		2 Ramps					
76-1	No	No	No	Yes	No	**No**	Bituminous
76-2	No	No	Yes	Yes	No	**No**	Bituminous
At POND STREET		4 Ramps					
94-1	Yes	Yes	Yes	No	Yes	**No**	Concrete
94-2	Yes	Yes	Yes	No	Yes	**No**	Concrete
94-3	Yes	Yes	Yes	No	Yes	**No**	Concrete
94-4	Yes	Yes	Yes	No	Yes	**No**	Concrete
At SCHOOL STREET		1 Ramps					
89-1	No	Yes	No	Yes	No	**No**	Bituminous
EAST STREET		**2 Ramps**					
At HARVARD ROAD		2 Ramps					
236-1	No	Yes	Yes	Yes	No	**No**	Concrete
236-2	No	Yes	No	Yes	No	**No**	Concrete

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
FAULKNER STREET		**6 Ramps**					
At CHURCH STREET		2 Ramps					
115-1	No	No	Yes	Yes	No	**No**	Bituminous
115-2	No	No	Yes	No	No	**No**	Bituminous
At ELM STREET		2 Ramps					
220-1	No	No	No	Yes	No	**No**	Bituminous
220-2	No	No	No	Yes	No	**No**	Bituminous
At LINDEN COURT		2 Ramps					
176-1	No	No	No	Yes	No	**No**	Bituminous
176-2	No	No	No	Yes	No	**No**	Bituminous
FLETCHER STREET		**4 Ramps**					
At EAST STREET		2 Ramps					
144-1	No	Yes	Yes	No	No	**No**	Bituminous
144-2	No	Yes	No	Yes	No	**No**	Bituminous
At POND STREET		2 Ramps					
78-1	Yes	Yes	Yes	No	Yes	**No**	Concrete
78-2	Yes	Yes	Yes	Yes	Yes	**Yes**	Concrete
GROTON HARVARD ROAD		**2 Ramps**					
At OAK RIDGE DRIVE		1 Ramps					
87-1	No	Yes	No	No	No	**No**	Bituminous
At WASHINGTON STREET		1 Ramps					
4-3	No	Yes	Yes	No	No	**No**	Bituminous
GROTON SCHOOL ROAD		**5 Ramps**					
At AMANDREY WAY		2 Ramps					
113-1	No	Yes	No	Yes	No	**No**	Bituminous
113-2	No	Yes	No	Yes	No	**No**	Bituminous
At DOUGLAS DRIVE		1 Ramps					
18-1	No	Yes	Yes	No	No	**No**	Bituminous
At JOHN RILEY ROAD		1 Ramps					
182-1	No	No	Yes	No	No	**No**	Bituminous
At PHEASANT CIRCLE		1 Ramps					
105-1	No	No	No	Yes	No	**No**	Bituminous
GROTON STREET		**2 Ramps**					
At PLEASANT STREET		2 Ramps					
261-1	No	No	No	No	No	**No**	Bituminous
261-2	No	Yes	No	No	No	**No**	Bituminous
HIBISCUS LANE		**2 Ramps**					
At HIBISCUS LANE		1 Ramps					
42-2	No	Yes	No	No	No	**No**	Bituminous

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
At ORCHID LANE		1 Ramps					
42-1	No	Yes	No	Yes	No	**No**	Bituminous
HIGH STREET		**2 Ramps**					
At LINCOLN STREET		2 Ramps					
110-1	No	Yes	No	Yes	No	**No**	Concrete
110-2	No	Yes	No	Yes	No	**No**	Concrete
HIGHLAND AVENUE		**10 Ramps**					
At COOLIDGE ROAD		2 Ramps					
227-1	No	No	No	Yes	No	**No**	Bituminous
227-2	No	Yes	No	Yes	No	**No**	Bituminous
At LINCOLN STREET		2 Ramps					
259-1	No	Yes	No	Yes	No	**No**	Bituminous
259-2	No	Yes	No	Yes	No	**No**	Bituminous
At NASHUA STREET		2 Ramps					
252-1	No	No	Yes	No	No	**No**	Bituminous
252-2	No	No	No	Yes	No	**No**	Bituminous
At NORWOOD AVENUE		2 Ramps					
240-1	No	Yes	Yes	No	No	**No**	Bituminous
240-2	No	No	Yes	No	No	**No**	Bituminous
At WASHINGTON STREET		2 Ramps					
130-1	No	No	Yes	Yes	No	**No**	Bituminous
130-2	No	No	No	Yes	No	**No**	Bituminous
HOWARD STREET		**2 Ramps**					
At PLEASANT STREET		2 Ramps					
251-1	No	Yes	No	Yes	No	**No**	Concrete
251-2	No	No	No	Yes	No	**No**	Bituminous
ISAACS LANE		**1 Ramps**					
At GROTON SCHOOL ROAD		1 Ramps					
162-1	No	Yes	No	No	No	**No**	Bituminous
JOHN RILEY ROAD		**1 Ramps**					
At JOHN RILEY ROAD		1 Ramps					
181-1	No	Yes	No	Yes	No	**No**	Bituminous
LAWTON STREET		**1 Ramps**					
At GROTON STREET		1 Ramps					
188-1	No	Yes	No	Yes	No	**No**	Bituminous
LINDEN STREET		**2 Ramps**					
At FLETCHER STREET		2 Ramps					
21-1	No	Yes	No	Yes	No	**No**	Bituminous
21-2	No	Yes	No	Yes	No	**No**	Bituminous

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
LITTLETON ROAD		**8 Ramps**					
At ATHERTON STREET		2 Ramps					
73-1	No	No	No	No	No	**No**	Bituminous
73-2	No	Yes	No	No	No	**No**	Bituminous
At HATCH STREET		2 Ramps					
70-1	No	No	No	No	No	**No**	Bituminous
70-2	No	No	No	No	Yes	**No**	Bituminous
At WILLARD STREET		4 Ramps					
253-1	No	No	No	No	Yes	**No**	Bituminous
253-2	No	No	No	No	No	**No**	Bituminous
74-1	No	No	No	No	Yes	**No**	Bituminous
74-2	No	No	No	No	No	**No**	Bituminous
LOON HILL ROAD		**12 Ramps**					
At LILAC LANE		2 Ramps					
209-1	No	Yes	Yes	Yes	No	**No**	Bituminous
209-2	No	Yes	Yes	Yes	No	**No**	Bituminous
At LOON HILL ROAD		1 Ramps					
48-1	No	Yes	Yes	Yes	No	**No**	Bituminous
At ORCHID LANE		2 Ramps					
51-1	No	Yes	No	Yes	No	**No**	Bituminous
51-2	No	Yes	No	Yes	No	**No**	Bituminous
At ROSE LANE		2 Ramps					
210-1	No	Yes	Yes	Yes	No	**No**	Bituminous
210-2	No	Yes	Yes	Yes	No	**No**	Bituminous
At TURTLE HILL ROAD		4 Ramps					
49-1	No	Yes	No	Yes	No	**No**	Bituminous
49-2	No	Yes	No	Yes	No	**No**	Bituminous
50-1	No	Yes	No	Yes	No	**No**	Bituminous
50-2	No	Yes	No	Yes	No	**No**	Bituminous
At WESTFORD ROAD		1 Ramps					
211-1	No	Yes	No	Yes	No	**No**	Bituminous
MAIN STREET		**16 Ramps**					
At COLUMBIA STREET		6 Ramps					
191-1	No	Yes	No	Yes	No	**No**	Concrete
191-2	No	No	No	No	No	**No**	Concrete
192-1	No	Yes	No	Yes	No	**No**	Concrete
192-2	No	No	No	No	No	**No**	Concrete
192-3	No	No	No	No	No	**No**	Concrete
192-4	No	No	No	No	No	**No**	Concrete

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
At PLEASANT STREET		3 Ramps					
124-1	No	No	No	Yes	No	**No**	Concrete
124-2	No	No	No	Yes	No	**No**	Concrete
124-3	No	No	No	Yes	No	**No**	Concrete
At WASHINGTON STREET		5 Ramps					
153-1	No	Yes	No	Yes	No	**No**	Concrete
153-2	No	No	No	Yes	No	**No**	Concrete
153-3	No	No	No	Yes	No	**No**	Concrete
153-4	No	No	No	Yes	No	**No**	Concrete
153-5	No	Yes	No	Yes	No	**No**	Concrete
At WEST STREET		2 Ramps					
123-1	No	No	No	No	No	**No**	Concrete
123-2	No	No	No	Yes	No	**No**	Concrete
MAPLE STREET		**6 Ramps**					
At FLETCHER STREET		4 Ramps					
243-1	No	Yes	No	Yes	No	**No**	Bituminous
243-2	No	Yes	No	Yes	No	**No**	Bituminous
243-3	No	No	No	Yes	No	**No**	Bituminous
243-4	No	Yes	No	Yes	No	**No**	Bituminous
At WHITCOMB AVENUE		2 Ramps					
143-1	No	Yes	No	Yes	No	**No**	Concrete
143-2	No	Yes	No	No	No	**No**	Bituminous
MOUNTAIN LAUREL ROAD		**5 Ramps**					
At MOUNTAIN LAUREL ROAD		4 Ramps					
183-1	No	No	No	No	Yes	**No**	Bituminous
183-2	No	Yes	Yes	Yes	No	**No**	Bituminous
184-1	No	Yes	Yes	No	No	**No**	Bituminous
184-2	No	Yes	Yes	No	No	**No**	Bituminous
At SANDY POND ROAD		1 Ramps					
148-1	No	Yes	Yes	No	No	**No**	Bituminous
NASHUA STREET		**3 Ramps**					
At HOWARD STREET		3 Ramps					
250-1	No	No	No	Yes	No	**No**	Concrete
250-2	No	Yes	Yes	No	No	**No**	Bituminous
250-3	No	Yes	No	Yes	No	**No**	Concrete
NEWTON STREET		**2 Ramps**					
At COLUMBIA STREET		1 Ramps					
24-1	No	Yes	No	Yes	No	**No**	Bituminous
At WASHINGTON STREET		1 Ramps					
154-1	No	Yes	Yes	Yes	No	**No**	Concrete

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
NORWOOD AVENUE		**1 Ramps**					
At NORWOOD AVENUE		1 Ramps					
10-1	No	Yes	No	Yes	No	**No**	Bituminous
OAK STREET		**1 Ramps**					
At GROVE STREET		1 Ramps					
232-1	No	No	No	Yes	No	**No**	Bituminous
OLD GROTON ROAD		**2 Ramps**					
At MADIGAN LANE		2 Ramps					
82-1	No	No	No	Yes	No	**No**	Bituminous
82-2	No	No	No	Yes	No	**No**	Bituminous
OLD WEST MAIN STREET		**1 Ramps**					
At SHIRLEY STREET		1 Ramps					
8-1	No	Yes	No	No	Yes	**No**	Bituminous
PARK STREET		**5 Ramps**					
At BISHOP ROAD		2 Ramps					
59-1	No	No	No	No	No	**No**	Bituminous
59-2	No	No	Yes	Yes	No	**No**	Bituminous
At BROOK STREET		2 Ramps					
219-1	No	Yes	No	Yes	No	**No**	Bituminous
219-2	No	Yes	No	Yes	No	**No**	Bituminous
At GROTON SCHOOL ROAD		1 Ramps					
58-1	No	Yes	Yes	No	No	**No**	Bituminous
PATRICIA DRIVE		**1 Ramps**					
At WILLOW ROAD		1 Ramps					
22-1	No	No	Yes	No	No	**No**	Bituminous
PEARL STREET		**1 Ramps**					
At GROTON STREET		1 Ramps					
260-1	No	Yes	No	Yes	No	**No**	Concrete
PINE STREET		**2 Ramps**					
At FLETCHER STREET		2 Ramps					
254-1	No	Yes	No	Yes	No	**No**	Bituminous
254-2	No	Yes	No	Yes	No	**No**	Bituminous
PLEASANT STREET		**2 Ramps**					
At TAFT STREET		2 Ramps					
231-1	No	Yes	No	Yes	No	**No**	Concrete
231-2	No	Yes	No	Yes	No	**No**	Concrete
POND STREET		**2 Ramps**					
At SCHOOL DRIVE		2 Ramps					
20-1	Yes	Yes	Yes	Yes	No	**No**	Concrete
20-2	No	No	Yes	Yes	No	**No**	Concrete

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
PROSPECT STREET		**2 Ramps**					
At ELM STREET		1 Ramps					
88-1	No	No	No	Yes	No	**No**	Bituminous
At OAK STREET		1 Ramps					
80-1	No	Yes	No	Yes	No	**No**	Bituminous
SANDY POND ROAD		**9 Ramps**					
At BIRCH STREET		1 Ramps					
13-1	No	No	No	Yes	No	**No**	Bituminous
At CENTRAL AVENUE		1 Ramps					
120-1	No	No	No	Yes	No	**No**	Bituminous
At EASY STREET		1 Ramps					
189-1	No	No	Yes	Yes	No	**No**	Bituminous
At OLD SANDY POND ROAD		2 Ramps					
118-1	No	No	No	Yes	No	**No**	Bituminous
118-2	No	No	No	Yes	No	**No**	Bituminous
At PATRIOT WAY		1 Ramps					
151-1	No	Yes	Yes	No	No	**No**	Bituminous
At SNAKE HILL ROAD		3 Ramps					
258-1	No	Yes	Yes	No	No	**No**	Bituminous
258-2	No	Yes	No	Yes	No	**No**	Bituminous
258-3	No	Yes	Yes	No	No	**No**	Bituminous
SCHOOL STREET		**3 Ramps**					
At GROVE STREET		1 Ramps					
233-1	No	No	No	Yes	No	**No**	Bituminous
At PROSPECT STREET		2 Ramps					
235-1	No	No	No	No	Yes	**No**	Concrete
235-2	No	Yes	No	Yes	No	**No**	Concrete
SHELLY LANE		**1 Ramps**					
At THIRD STREET		1 Ramps					
28-1	No	Yes	No	No	No	**No**	Bituminous
TAFT STREET		**1 Ramps**					
At TAFT STREET		1 Ramps					
231-3	No	Yes	Yes	No	No	**No**	Concrete
THIRD STREET		**2 Ramps**					
At EAST STREET		2 Ramps					
172-1	No	Yes	No	Yes	No	**No**	Bituminous
172-2	No	Yes	No	Yes	No	**No**	Concrete
WASHINGTON STREET		**24 Ramps**					
At GROTON HARVARD ROAD		2 Ramps					
4-1	No	Yes	No	No	No	**No**	Bituminous

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
4-2	No	No	No	No	No	**No**	Bituminous
At HOWARD STREET		1 Ramps					
129-1	No	No	Yes	Yes	No	**No**	Bituminous
At MOORE DRIVE		3 Ramps					
230-1	Yes	Yes	Yes	No	No	**No**	Concrete
230-2	Yes	Yes	Yes	No	No	**No**	Concrete
230-3	Yes	Yes	No	Yes	No	**No**	Concrete
At MOUNTAIN AVENUE		2 Ramps					
111-1	No	Yes	No	Yes	No	**No**	Bituminous
111-2	No	No	Yes	Yes	No	**No**	Bituminous
At NASHUA STREET		4 Ramps					
241-1	No	No	Yes	No	No	**No**	Bituminous
241-2	No	No	No	Yes	No	**No**	Bituminous
241-3	No	No	No	Yes	No	**No**	Bituminous
241-4	No	Yes	Yes	Yes	No	**No**	Concrete
At NORWOOD AVENUE		2 Ramps					
157-1	No	No	No	Yes	No	**No**	Bituminous
157-2	No	No	No	Yes	No	**No**	Bituminous
At SCHOOL DRIVE		8 Ramps					
32-1	No	Yes	No	Yes	No	**No**	Bituminous
32-2	No	Yes	No	Yes	No	**No**	Bituminous
60-1	No	Yes	No	No	No	**No**	Bituminous
60-2	No	Yes	Yes	Yes	No	**No**	Bituminous
61-1	No	Yes	Yes	Yes	No	**No**	Bituminous
61-2	No	Yes	Yes	Yes	No	**No**	Bituminous
62-1	Yes	Yes	Yes	No	Yes	**No**	Concrete
62-2	Yes	Yes	Yes	Yes	No	**No**	Concrete
At WASHINGTON COURT		2 Ramps					
217-1	No	Yes	Yes	Yes	No	**No**	Bituminous
217-2	No	Yes	No	Yes	No	**No**	Bituminous
WEST MAIN STREET		**22 Ramps**					
At MECHANIC STREET		4 Ramps					
128-1	No	Yes	No	No	Yes	**No**	Concrete
128-2	No	No	No	No	No	**No**	Concrete
128-3	No	No	Yes	No	No	**No**	Concrete
128-4	No	No	Yes	No	No	**No**	Concrete
At OLD WEST MAIN STREET		4 Ramps					
200-1	No	No	No	Yes	No	**No**	Bituminous
200-2	No	Yes	No	Yes	No	**No**	Bituminous
53-1	No	No	No	Yes	No	**No**	Bituminous

	Det. Warning Panel	Slope	Opening Width	Landing Width	Trans. Slope	Overall Pass	Ramp Material
53-2	No	Yes	No	No	No	**No**	Bituminous
At PARK STREET		6 Ramps					
187-1	No	No	No	Yes	No	**No**	Concrete
187-2	No	Yes	Yes	No	Yes	**No**	Concrete
187-3	No	No	Yes	No	No	**No**	Concrete
187-4	No	No	No	No	No	**No**	Concrete
264-1	No	Yes	Yes	No	Yes	**No**	Concrete
264-2	No	No	No	No	No	**No**	Concrete
At ROGERS STREET		2 Ramps					
101-1	No	Yes	No	No	Yes	**No**	Concrete
101-2	No	Yes	Yes	No	Yes	**No**	Bituminous
At SCULLEY ROAD		2 Ramps					
3-1	No	Yes	No	No	No	**No**	Bituminous
3-2	No	Yes	No	No	No	**No**	Bituminous
At UNION STREET		2 Ramps					
127-1	No	Yes	No	No	Yes	**No**	Concrete
127-2	No	Yes	No	No	Yes	**No**	Concrete
At WEST MAIN STREET		2 Ramps					
126-1	No	Yes	No	No	Yes	**No**	Bituminous
126-2	No	Yes	No	No	Yes	**No**	Concrete
WHITCOMB AVENUE		**1 Ramps**					
At FLETCHER STREET		1 Ramps					
79-1	No	No	No	Yes	No	**No**	Bituminous
WILLIAM STREET		**5 Ramps**					
At HOLMES STREET		2 Ramps					
145-1	No	Yes	Yes	Yes	No	**No**	Bituminous
145-2	No	Yes	No	Yes	No	**No**	Concrete
At NASHUA STREET		1 Ramps					
163-1	No	Yes	No	No	No	**No**	Bituminous
At WASHINGTON STREET		2 Ramps					
216-1	No	Yes	Yes	Yes	No	**No**	Bituminous
216-2	No	No	Yes	Yes	No	**No**	Bituminous

Appendix C

Inventory Reports

Ramp Locations with Obstructions

Town of Ayer, Massachusetts

Ramp Locations With Obstructions - Total: 13

		Obstruction	Obstruction Type	Material
CENTRAL AVENUE	**2 Ramps Total**			
At COLUMBIA STREET	1 Ramps			
169-1		Yes	**Utility Pole**	Bituminous
At NORWOOD AVENUE	1 Ramps			
215-1		Yes	**Utility Pole**	Bituminous
EAST MAIN STREET	**4 Ramps Total**			
At EAST MAIN STREET	2 Ramps			
95-1		Yes	**Curb**	Bituminous
95-2		Yes	**Curb**	Bituminous
At OAK STREET	2 Ramps			
96-1		Yes	**Manhole**	Bituminous
96-2		Yes	**Manhole**	Bituminous
GROTON SCHOOL ROAD	**1 Ramps Total**			
At DOUGLAS DRIVE	1 Ramps			
18-1		Yes	**Curb**	Bituminous
LAWTON STREET	**1 Ramps Total**			
At GROTON STREET	1 Ramps			
188-1		Yes	**Utility Pole**	Bituminous
NASHUA STREET	**1 Ramps Total**			
At HOWARD STREET	1 Ramps			
250-1		Yes	**Utility Pole**	Concrete
PROSPECT STREET	**1 Ramps Total**			
At ELM STREET	1 Ramps			
88-1		Yes	**Utility Pole**	Bituminous
THIRD STREET	**1 Ramps Total**			
At EAST STREET	1 Ramps			
172-1		Yes	**Catch Basin**	Bituminous
WASHINGTON STREET	**1 Ramps Total**			
At NASHUA STREET	1 Ramps			
241-4		Yes	**Utility Pole**	Concrete
WILLIAM STREET	**1 Ramps Total**			
At HOLMES STREET	1 Ramps			
145-2		Yes	**Utility Pole**	Concrete

Appendix C

Inventory Reports

Ramp Compliance

Town of Ayer, Massachusetts

Compliant Ramps By Street With Inspection Data - Total: 5

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
CAMBRIDGE STREET			**4 Ramps Total**				
At WASHINGTON STREET			4 Ramps				
248-1	Yes	Yes	Yes	Yes	Yes	Concrete	**Good**
248-2	Yes	Yes	Yes	Yes	Yes	Concrete	**Good**
248-3	Yes	Yes	Yes	Yes	Yes	Concrete	**Good**
248-4	Yes	Yes	Yes	Yes	Yes	Concrete	**Good**
FLETCHER STREET			**1 Ramps Total**				
At POND STREET			1 Ramps				
78-2	Yes	Yes	Yes	Yes	Yes	Concrete	**Good**

Appendix C

Inventory Reports

Ramp Non-Compliance

Town of Ayer, Massachusetts

Non-Compliant Ramps By Street With Inspection Data - Total: 223

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
CALVIN STREET			**1 Ramps**				
At CALVIN STREET			1 Ramps				
138-1	No	Yes	No	No	No	Bituminous	**Poor**
CAMBRIDGE STREET			**6 Ramps**				
At COLUMBIA STREET			2 Ramps				
244-1	Yes	Yes	Yes	Yes	No	Concrete	**Poor**
244-2	Yes	Yes	No	No	No	Concrete	**Good**
At PLEASANT STREET			3 Ramps				
247-1	Yes	No	No	Yes	No	Concrete	**Good**
247-2	Yes	Yes	No	Yes	No	Concrete	**Good**
247-2	Yes	Yes	No	Yes	No	Concrete	**Good**
At WEST STREET			1 Ramps				
257-1	No	Yes	Yes	No	No	Bituminous	**Fair**
CENTRAL AVENUE			**14 Ramps**				
At ADAMS STREET			2 Ramps				
65-1	No	Yes	Yes	No	No	Bituminous	**Fair**
65-2	No	No	Yes	No	No	Bituminous	**Poor**
At COLUMBIA STREET			4 Ramps				
169-1	No	Yes	No	Yes	No	Bituminous	**Poor**
169-2	No	Yes	Yes	No	No	Concrete	**Fair**
169-3	No	No	No	No	No	Concrete	**Fair**
169-4	No	Yes	No	Yes	Yes	Concrete	**Fair**
At GROTON HARVARD ROAD			4 Ramps				
255-1	No	Yes	No	Yes	No	Bituminous	**Poor**
255-2	No	Yes	No	Yes	No	Bituminous	**Fair**
255-3	No	Yes	No	No	No	Bituminous	**Fair**
255-4	No	Yes	Yes	No	No	Bituminous	**Fair**
At NORWOOD AVENUE			2 Ramps				
215-1	No	Yes	No	Yes	No	Bituminous	**Fair**
215-2	No	Yes	No	Yes	No	Bituminous	**Fair**
At OAK GROVE STREET			2 Ramps				
161-1	No	Yes	No	Yes	No	Bituminous	**Fair**
161-2	No	Yes	No	Yes	No	Bituminous	**Fair**
CHURCH STREET			**1 Ramps**				
At GROVE STREET			1 Ramps				
164-1	No	No	No	Yes	No	Bituminous	**Poor**
DAYBROOK DRIVE			**2 Ramps**				
At OLD TOWNE ROAD			2 Ramps				
121-1	No	Yes	No	No	No	Bituminous	**Fair**
27-1	No	No	No	Yes	No	Bituminous	**Fair**
EAST MAIN STREET			**18 Ramps**				
At EAST MAIN STREET			2 Ramps				
95-1	No	No	No	Yes	No	Bituminous	**Poor**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
95-2	No	No	No	No	No	Bituminous	**Fair**
At GROTON HARVARD ROAD		2 Ramps					
75-1	No	No	No	Yes	No	Bituminous	**Poor**
75-2	No	No	Yes	Yes	No	Bituminous	**Poor**
At MAPLE STREET		3 Ramps					
242-1	No	Yes	No	Yes	No	Bituminous	**Poor**
242-2	No	No	No	Yes	No	Concrete	**Poor**
242-3	No	No	Yes	No	No	Bituminous	**Fair**
At OAK STREET		2 Ramps					
96-1	No	No	Yes	No	No	Bituminous	**Poor**
96-2	No	No	No	No	No	Bituminous	**Poor**
At PAGE STREET		2 Ramps					
55-1	No	No	No	Yes	No	Bituminous	**Poor**
55-2	No	Yes	No	Yes	No	Bituminous	**Fair**
At PINE STREET		2 Ramps					
76-1	No	No	No	Yes	No	Bituminous	**Poor**
76-2	No	No	Yes	Yes	No	Bituminous	**Poor**
At POND STREET		4 Ramps					
94-1	Yes	Yes	Yes	No	Yes	Concrete	**Good**
94-2	Yes	Yes	Yes	No	Yes	Concrete	**Good**
94-3	Yes	Yes	Yes	No	Yes	Concrete	**Good**
94-4	Yes	Yes	Yes	No	Yes	Concrete	**Good**
At SCHOOL STREET		1 Ramps					
89-1	No	Yes	No	Yes	No	Bituminous	**Poor**
EAST STREET		**2 Ramps**					
At HARVARD ROAD		2 Ramps					
236-1	No	Yes	Yes	Yes	No	Concrete	**Poor**
236-2	No	Yes	No	Yes	No	Concrete	**Fair**
FAULKNER STREET		**6 Ramps**					
At CHURCH STREET		2 Ramps					
115-1	No	No	Yes	Yes	No	Bituminous	**Poor**
115-2	No	No	Yes	No	No	Bituminous	**Poor**
At ELM STREET		2 Ramps					
220-1	No	No	No	Yes	No	Bituminous	**Poor**
220-2	No	No	No	Yes	No	Bituminous	**Poor**
At LINDEN COURT		2 Ramps					
176-1	No	No	No	Yes	No	Bituminous	**Poor**
176-2	No	No	No	Yes	No	Bituminous	**Poor**
FLETCHER STREET		**3 Ramps**					
At EAST STREET		2 Ramps					
144-1	No	Yes	Yes	No	No	Bituminous	**Fair**
144-2	No	Yes	No	Yes	No	Bituminous	**Fair**
At POND STREET		1 Ramps					
78-1	Yes	Yes	Yes	No	Yes	Concrete	**Good**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
GROTON HARVARD ROAD		**2 Ramps**					
At OAK RIDGE DRIVE		1 Ramps					
87-1	No	Yes	No	No	No	Bituminous	**Fair**
At WASHINGTON STREET		1 Ramps					
4-3	No	Yes	Yes	No	No	Bituminous	**Poor**
GROTON SCHOOL ROAD		**5 Ramps**					
At AMANDREY WAY		2 Ramps					
113-1	No	Yes	No	Yes	No	Bituminous	**Fair**
113-2	No	Yes	No	Yes	No	Bituminous	**Fair**
At DOUGLAS DRIVE		1 Ramps					
18-1	No	Yes	Yes	No	No	Bituminous	**Fair**
At JOHN RILEY ROAD		1 Ramps					
182-1	No	No	Yes	No	No	Bituminous	**Fair**
At PHEASANT CIRCLE		1 Ramps					
105-1	No	No	No	Yes	No	Bituminous	**Poor**
GROTON STREET		**2 Ramps**					
At PLEASANT STREET		2 Ramps					
261-1	No	No	No	No	No	Bituminous	**Fair**
261-2	No	Yes	No	No	No	Bituminous	**Fair**
HIBISCUS LANE		**2 Ramps**					
At HIBISCUS LANE		1 Ramps					
42-2	No	Yes	No	No	No	Bituminous	**Poor**
At ORCHID LANE		1 Ramps					
42-1	No	Yes	No	Yes	No	Bituminous	**Fair**
HIGH STREET		**2 Ramps**					
At LINCOLN STREET		2 Ramps					
110-1	No	Yes	No	Yes	No	Concrete	**Fair**
110-2	No	Yes	No	Yes	No	Concrete	**Poor**
HIGHLAND AVENUE		**10 Ramps**					
At COOLIDGE ROAD		2 Ramps					
227-1	No	No	No	Yes	No	Bituminous	**Poor**
227-2	No	Yes	No	Yes	No	Bituminous	**Poor**
At LINCOLN STREET		2 Ramps					
259-1	No	Yes	No	Yes	No	Bituminous	**Fair**
259-2	No	Yes	No	Yes	No	Bituminous	**Fair**
At NASHUA STREET		2 Ramps					
252-1	No	No	Yes	No	No	Bituminous	**Good**
252-2	No	No	No	Yes	No	Bituminous	**Poor**
At NORWOOD AVENUE		2 Ramps					
240-1	No	Yes	Yes	No	No	Bituminous	**Fair**
240-2	No	No	Yes	No	No	Bituminous	**Fair**
At WASHINGTON STREET		2 Ramps					
130-1	No	No	Yes	Yes	No	Bituminous	**Fair**
130-2	No	No	No	Yes	No	Bituminous	**Fair**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
HOWARD STREET		**2 Ramps**					
At PLEASANT STREET		2 Ramps					
251-1	No	Yes	No	Yes	No	Concrete	**Good**
251-2	No	No	No	Yes	No	Bituminous	**Poor**
ISAACS LANE		**1 Ramps**					
At GROTON SCHOOL ROAD		1 Ramps					
162-1	No	Yes	No	No	No	Bituminous	**Poor**
JOHN RILEY ROAD		**1 Ramps**					
At JOHN RILEY ROAD		1 Ramps					
181-1	No	Yes	No	Yes	No	Bituminous	**Fair**
LAWTON STREET		**1 Ramps**					
At GROTON STREET		1 Ramps					
188-1	No	Yes	No	Yes	No	Bituminous	**Poor**
LINDEN STREET		**2 Ramps**					
At FLETCHER STREET		2 Ramps					
21-1	No	Yes	No	Yes	No	Bituminous	**Poor**
21-2	No	Yes	No	Yes	No	Bituminous	**Poor**
LITTLETON ROAD		**8 Ramps**					
At ATHERTON STREET		2 Ramps					
73-1	No	No	No	No	No	Bituminous	**Fair**
73-2	No	Yes	No	No	No	Bituminous	**Fair**
At HATCH STREET		2 Ramps					
70-1	No	No	No	No	No	Bituminous	**Fair**
70-2	No	No	No	No	Yes	Bituminous	**Fair**
At WILLARD STREET		4 Ramps					
253-1	No	No	No	No	Yes	Bituminous	**Fair**
253-2	No	No	No	No	No	Bituminous	**Fair**
74-1	No	No	No	No	Yes	Bituminous	**Fair**
74-2	No	No	No	No	No	Bituminous	**Fair**
LOON HILL ROAD		**12 Ramps**					
At LILAC LANE		2 Ramps					
209-1	No	Yes	Yes	Yes	No	Bituminous	**Poor**
209-2	No	Yes	Yes	Yes	No	Bituminous	**Fair**
At LOON HILL ROAD		1 Ramps					
48-1	No	Yes	Yes	Yes	No	Bituminous	**Fair**
At ORCHID LANE		2 Ramps					
51-1	No	Yes	No	Yes	No	Bituminous	**Good**
51-2	No	Yes	No	Yes	No	Bituminous	**Fair**
At ROSE LANE		2 Ramps					
210-1	No	Yes	Yes	Yes	No	Bituminous	**Fair**
210-2	No	Yes	Yes	Yes	No	Bituminous	**Fair**
At TURTLE HILL ROAD		4 Ramps					
49-1	No	Yes	No	Yes	No	Bituminous	**Fair**
49-2	No	Yes	No	Yes	No	Bituminous	**Fair**
50-1	No	Yes	No	Yes	No	Bituminous	**Fair**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
50-2	No	Yes	No	Yes	No	Bituminous	**Fair**
At WESTFORD ROAD		1 Ramps					
211-1	No	Yes	No	Yes	No	Bituminous	**Fair**
MAIN STREET		**16 Ramps**					
At COLUMBIA STREET		6 Ramps					
191-1	No	Yes	No	Yes	No	Concrete	**Fair**
191-2	No	No	No	No	No	Concrete	**Fair**
192-1	No	Yes	No	Yes	No	Concrete	**Fair**
192-2	No	No	No	No	No	Concrete	**Fair**
192-3	No	No	No	No	No	Concrete	**Fair**
192-4	No	No	No	No	No	Concrete	**Fair**
At PLEASANT STREET		3 Ramps					
124-1	No	No	No	Yes	No	Concrete	**Fair**
124-2	No	No	No	Yes	No	Concrete	**Fair**
124-3	No	No	No	Yes	No	Concrete	**Fair**
At WASHINGTON STREET		5 Ramps					
153-1	No	Yes	No	Yes	No	Concrete	**Fair**
153-2	No	No	No	Yes	No	Concrete	**Fair**
153-3	No	No	No	Yes	No	Concrete	**Fair**
153-4	No	No	No	Yes	No	Concrete	**Fair**
153-5	No	Yes	No	Yes	No	Concrete	**Fair**
At WEST STREET		2 Ramps					
123-1	No	No	No	No	No	Concrete	**Fair**
123-2	No	No	No	Yes	No	Concrete	**Fair**
MAPLE STREET		**6 Ramps**					
At FLETCHER STREET		4 Ramps					
243-1	No	Yes	No	Yes	No	Bituminous	**Poor**
243-2	No	Yes	No	Yes	No	Bituminous	**Poor**
243-3	No	No	No	Yes	No	Bituminous	**Poor**
243-4	No	Yes	No	Yes	No	Bituminous	**Poor**
At WHITCOMB AVENUE		2 Ramps					
143-1	No	Yes	No	Yes	No	Concrete	**Poor**
143-2	No	Yes	No	No	No	Bituminous	**Poor**
MOUNTAIN LAUREL ROAD		**5 Ramps**					
At MOUNTAIN LAUREL ROAD		4 Ramps					
183-1	No	No	No	No	Yes	Bituminous	**Good**
183-2	No	Yes	Yes	Yes	No	Bituminous	**Fair**
184-1	No	Yes	Yes	No	No	Bituminous	**Good**
184-2	No	Yes	Yes	No	No	Bituminous	**Good**
At SANDY POND ROAD		1 Ramps					
148-1	No	Yes	Yes	No	No	Bituminous	**Fair**
NASHUA STREET		**3 Ramps**					
At HOWARD STREET		3 Ramps					
250-1	No	No	No	Yes	No	Concrete	**Fair**
250-2	No	Yes	Yes	No	No	Bituminous	**Fair**
250-3	No	Yes	No	Yes	No	Concrete	**Fair**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
NEWTON STREET		**2 Ramps**					
At COLUMBIA STREET		1 Ramps					
24-1	No	Yes	No	Yes	No	Bituminous	**Poor**
At WASHINGTON STREET		1 Ramps					
154-1	No	Yes	Yes	Yes	No	Concrete	**Fair**
NORWOOD AVENUE		**1 Ramps**					
At NORWOOD AVENUE		1 Ramps					
10-1	No	Yes	No	Yes	No	Bituminous	**Good**
OAK STREET		**1 Ramps**					
At GROVE STREET		1 Ramps					
232-1	No	No	No	Yes	No	Bituminous	**Poor**
OLD GROTON ROAD		**2 Ramps**					
At MADIGAN LANE		2 Ramps					
82-1	No	No	No	Yes	No	Bituminous	**Poor**
82-2	No	No	No	Yes	No	Bituminous	**Poor**
OLD WEST MAIN STREET		**1 Ramps**					
At SHIRLEY STREET		1 Ramps					
8-1	No	Yes	No	No	Yes	Bituminous	**Good**
PARK STREET		**5 Ramps**					
At BISHOP ROAD		2 Ramps					
59-1	No	No	No	No	No	Bituminous	**Fair**
59-2	No	No	Yes	Yes	No	Bituminous	**Fair**
At BROOK STREET		2 Ramps					
219-1	No	Yes	No	Yes	No	Bituminous	**Poor**
219-2	No	Yes	No	Yes	No	Bituminous	**Poor**
At GROTON SCHOOL ROAD		1 Ramps					
58-1	No	Yes	Yes	No	No	Bituminous	**Poor**
PATRICIA DRIVE		**1 Ramps**					
At WILLOW ROAD		1 Ramps					
22-1	No	No	Yes	No	No	Bituminous	**Poor**
PEARL STREET		**1 Ramps**					
At GROTON STREET		1 Ramps					
260-1	No	Yes	No	Yes	No	Concrete	**Poor**
PINE STREET		**2 Ramps**					
At FLETCHER STREET		2 Ramps					
254-1	No	Yes	No	Yes	No	Bituminous	**Fair**
254-2	No	Yes	No	Yes	No	Bituminous	**Poor**
PLEASANT STREET		**2 Ramps**					
At TAFT STREET		2 Ramps					
231-1	No	Yes	No	Yes	No	Concrete	**Poor**
231-2	No	Yes	No	Yes	No	Concrete	**Fair**
POND STREET		**2 Ramps**					
At SCHOOL DRIVE		2 Ramps					
20-1	Yes	Yes	Yes	Yes	No	Concrete	**Good**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
20-2	No	No	Yes	Yes	No	Concrete	**Good**
PROSPECT STREET		**2 Ramps**					
At ELM STREET		1 Ramps					
88-1	No	No	No	Yes	No	Bituminous	**Poor**
At OAK STREET		1 Ramps					
80-1	No	Yes	No	Yes	No	Bituminous	**Fair**
SANDY POND ROAD		**9 Ramps**					
At BIRCH STREET		1 Ramps					
13-1	No	No	No	Yes	No	Bituminous	**Poor**
At CENTRAL AVENUE		1 Ramps					
120-1	No	No	No	Yes	No	Bituminous	**Fair**
At EASY STREET		1 Ramps					
189-1	No	No	Yes	Yes	No	Bituminous	**Fair**
At OLD SANDY POND ROAD		2 Ramps					
118-1	No	No	No	Yes	No	Bituminous	**Fair**
118-2	No	No	No	Yes	No	Bituminous	**Fair**
At PATRIOT WAY		1 Ramps					
151-1	No	Yes	Yes	No	No	Bituminous	**Fair**
At SNAKE HILL ROAD		3 Ramps					
258-1	No	Yes	Yes	No	No	Bituminous	**Good**
258-2	No	Yes	No	Yes	No	Bituminous	**Fair**
258-3	No	Yes	Yes	No	No	Bituminous	**Fair**
SCHOOL STREET		**3 Ramps**					
At GROVE STREET		1 Ramps					
233-1	No	No	No	Yes	No	Bituminous	**Poor**
At PROSPECT STREET		2 Ramps					
235-1	No	No	No	No	Yes	Concrete	**Good**
235-2	No	Yes	No	Yes	No	Concrete	**Good**
SHELLY LANE		**1 Ramps**					
At THIRD STREET		1 Ramps					
28-1	No	Yes	No	No	No	Bituminous	**Good**
TAFT STREET		**1 Ramps**					
At TAFT STREET		1 Ramps					
231-3	No	Yes	Yes	No	No	Concrete	**Fair**
THIRD STREET		**2 Ramps**					
At EAST STREET		2 Ramps					
172-1	No	Yes	No	Yes	No	Bituminous	**Poor**
172-2	No	Yes	No	Yes	No	Concrete	**Poor**
WASHINGTON STREET		**24 Ramps**					
At GROTON HARVARD ROAD		2 Ramps					
4-1	No	Yes	No	No	No	Bituminous	**Poor**
4-2	No	No	No	No	No	Bituminous	**Fair**
At HOWARD STREET		1 Ramps					
129-1	No	No	Yes	Yes	No	Bituminous	**Fair**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
At MOORE DRIVE		3 Ramps					
230-1	Yes	Yes	Yes	No	No	Concrete	**Good**
230-2	Yes	Yes	Yes	No	No	Concrete	**Good**
230-3	Yes	Yes	No	Yes	No	Concrete	**Good**
At MOUNTAIN AVENUE		2 Ramps					
111-1	No	Yes	No	Yes	No	Bituminous	**Poor**
111-2	No	No	Yes	Yes	No	Bituminous	**Poor**
At NASHUA STREET		4 Ramps					
241-1	No	No	Yes	No	No	Bituminous	**Poor**
241-2	No	No	No	Yes	No	Bituminous	**Poor**
241-3	No	No	No	Yes	No	Bituminous	**Poor**
241-4	No	Yes	Yes	Yes	No	Concrete	**Poor**
At NORWOOD AVENUE		2 Ramps					
157-1	No	No	No	Yes	No	Bituminous	**Poor**
157-2	No	No	No	Yes	No	Bituminous	**Poor**
At SCHOOL DRIVE		8 Ramps					
32-1	No	Yes	No	Yes	No	Bituminous	**Poor**
32-2	No	Yes	No	Yes	No	Bituminous	**Poor**
60-1	No	Yes	No	No	No	Bituminous	**Poor**
60-2	No	Yes	Yes	Yes	No	Bituminous	**Fair**
61-1	No	Yes	Yes	Yes	No	Bituminous	**Poor**
61-2	No	Yes	Yes	Yes	No	Bituminous	**Poor**
62-1	Yes	Yes	Yes	No	Yes	Concrete	**Good**
62-2	Yes	Yes	Yes	Yes	No	Concrete	**Good**
At WASHINGTON COURT		2 Ramps					
217-1	No	Yes	Yes	Yes	No	Bituminous	**Poor**
217-2	No	Yes	No	Yes	No	Bituminous	**Poor**
WEST MAIN STREET		**22 Ramps**					
At MECHANIC STREET		4 Ramps					
128-1	No	Yes	No	No	Yes	Concrete	**Fair**
128-2	No	No	No	No	No	Concrete	**Fair**
128-3	No	No	Yes	No	No	Concrete	**Fair**
128-4	No	No	Yes	No	No	Concrete	**Fair**
At OLD WEST MAIN STREET		4 Ramps					
200-1	No	No	No	Yes	No	Bituminous	**Fair**
200-2	No	Yes	No	Yes	No	Bituminous	**Fair**
53-1	No	No	No	Yes	No	Bituminous	**Good**
53-2	No	Yes	No	No	No	Bituminous	**Good**
At PARK STREET		6 Ramps					
187-1	No	No	No	Yes	No	Concrete	**Fair**
187-2	No	Yes	Yes	No	Yes	Concrete	**Fair**
187-3	No	No	Yes	No	No	Concrete	**Fair**
187-4	No	No	No	No	No	Concrete	**Fair**
264-1	No	Yes	Yes	No	Yes	Concrete	**Good**
264-2	No	No	No	No	No	Concrete	**Fair**
At ROGERS STREET		2 Ramps					
101-1	No	Yes	No	No	Yes	Concrete	**Fair**

	Det. Warning Panel	Ramp Slope	Opening Width	Landing Width	Trans. Slope	Ramp Material	Condition
101-2	No	Yes	Yes	No	Yes	Bituminous	**Fair**
At SCULLEY ROAD		2 Ramps					
3-1	No	Yes	No	No	No	Bituminous	**Fair**
3-2	No	Yes	No	No	No	Bituminous	**Fair**
At UNION STREET		2 Ramps					
127-1	No	Yes	No	No	Yes	Concrete	**Good**
127-2	No	Yes	No	No	Yes	Concrete	**Fair**
At WEST MAIN STREET		2 Ramps					
126-1	No	Yes	No	No	Yes	Bituminous	**Fair**
126-2	No	Yes	No	No	Yes	Concrete	**Fair**
WHITCOMB AVENUE		**1 Ramps**					
At FLETCHER STREET		1 Ramps					
79-1	No	No	No	Yes	No	Bituminous	**Poor**
WILLIAM STREET		**5 Ramps**					
At HOLMES STREET		2 Ramps					
145-1	No	Yes	Yes	Yes	No	Bituminous	**Poor**
145-2	No	Yes	No	Yes	No	Concrete	**Poor**
At NASHUA STREET		1 Ramps					
163-1	No	Yes	No	No	No	Bituminous	**Poor**
At WASHINGTON STREET		2 Ramps					
216-1	No	Yes	Yes	Yes	No	Bituminous	**Fair**
216-2	No	No	Yes	Yes	No	Bituminous	**Fair**

Appendix C

Inventory Reports

Crosswalk Inventory

Town of Ayer, Massachusetts

Crosswalk Inventory By Street With Inspection Data - Total: 53

	Crosswalk Type	Start Ramp	End Ramp	Crosswalk Width	Length	Marking Condition	Road Condition
BISHOP ROAD			**1 Crosswalks**				
At PARK STREET			1 Crosswalks				
CW59-1	Ladder	59-1	59-2	5	90	Good	Fair
CENTRAL AVENUE			**3 Crosswalks**				
At ADAMS STREET			1 Crosswalks				
CW65-1	Parallel	65-1	None	5	50	Good	Fair
At COLUMBIA STREET			1 Crosswalks				
CW169-1	Parallel	169-1	169-2	5	59	Fair	Good
At GROTON HARVARD ROAD			1 Crosswalks				
CW255-2	Parallel	255-4	None	5	50	Fair	Good
COLUMBIA STREET			**2 Crosswalks**				
At CENTRAL AVENUE			1 Crosswalks				
CW169-2	Parallel	169-3	169-4	5	34	Fair	Good
At MAIN STREET			1 Crosswalks				
CW192-2	Parallel	192-3	192-4	5	61	Fair	Fair
EAST MAIN STREET			**7 Crosswalks**				
At EAST MAIN STREET			2 Crosswalks				
CW242-1	Parallel	242-3	None	6	37	Poor	Good
CW95-1	Parallel	95-1	95-2	5	31	Poor	Good
At GROTON HARVARD ROAD			1 Crosswalks				
CW75-2	Parallel	75-2	None	5	33	Poor	Fair
At OAK STREET			1 Crosswalks				
CW96-1	Parallel	96-1	None	5	38	Poor	Fair
At PAGE STREET			1 Crosswalks				
CW55-1	Parallel	55-1	None	5	37	Poor	Fair
At PINE STREET			1 Crosswalks				
CW76-1	Parallel	None	76-2	5	34	Poor	Fair
At POND STREET			1 Crosswalks				
CW94-1	Parallel	94-1	94-2	7	38	Poor	Good
FLETCHER STREET			**1 Crosswalks**				
At POND STREET			1 Crosswalks				
CW78-1	Parallel	78-1	78-2	7	37	Fair	Good
GROTON HARVARD ROAD			**3 Crosswalks**				
At CENTRAL AVENUE			1 Crosswalks				
CW255-1	Parallel	255-1	255-2	5	100	Fair	Good
At EAST MAIN STREET			1 Crosswalks				
CW75-1	Parallel	75-1	75-2	5	42	Poor	Fair
At OAK RIDGE DRIVE			1 Crosswalks				
CW87-1	Parallel	87-1	None	3	27	Poor	Good
GROTON STREET			**1 Crosswalks**				
At GROTON STREET			1 Crosswalks				
CW205-1	Ladder	None	None	7	43	Good	Good

	Crosswalk Type	Start Ramp	End Ramp	Crosswalk Width	Length	Marking Condition	Road Condition
MAIN STREET			**7 Crosswalks**				
At COLUMBIA STREET			1 Crosswalks				
CW192-1	Parallel	192-1	192-2	5	47	Fair	Fair
At MAIN STREET			1 Crosswalks				
CW191-1	Parallel	191-1	191-2	5	50	Fair	Fair
At PARK STREET			1 Crosswalks				
CW187-4	Parallel	None	None	5	48	Poor	Fair
At PLEASANT STREET			1 Crosswalks				
CW124-1	Parallel	None	124-1	5	44	Fair	Fair
At WASHINGTON STREET			2 Crosswalks				
CW153-1	Parallel	153-1	153-2	5	46	Fair	Fair
CW153-3	Parallel	153-4	153-5	5	48	Fair	Fair
At WEST STREET			1 Crosswalks				
CW123-2	Parallel	None	None	5	46	Fair	Fair
MILL STREET			**1 Crosswalks**				
At WEST MAIN STREET			1 Crosswalks				
CW187-1	Parallel	187-1	187-2	5	60	Poor	Fair
OLD WEST MAIN STREET			**1 Crosswalks**				
At WEST MAIN STREET			1 Crosswalks				
CW53-1	Parallel	53-1	53-2	7	75	Poor	Fair
PARK STREET			**4 Crosswalks**				
At GROTON SCHOOL ROAD			1 Crosswalks				
CW58-1	Ladder	None	58-1	6	43	Good	Fair
At PARK STREET			2 Crosswalks				
CW262-1	Parallel	None	None	5	27	Fair	Fair
CW263-1	Parallel	None	None	5	36	Poor	Good
At WEST MAIN STREET			1 Crosswalks				
CW187-3	Parallel	187-3	187-4	5	77	Poor	Fair
PLEASANT STREET			**1 Crosswalks**				
At MAIN STREET			1 Crosswalks				
CW124-2	Parallel	124-2	124-3	5	26	Poor	Poor
POND STREET			**1 Crosswalks**				
At EAST MAIN STREET			1 Crosswalks				
CW94-2	Parallel	94-3	94-4	7	23	Fair	Good
ROGERS STREET			**1 Crosswalks**				
At WEST MAIN STREET			1 Crosswalks				
CW101-1	Parallel	101-1	101-2	5	52	Poor	Fair
SANDY POND ROAD			**2 Crosswalks**				
At SANDY POND ROAD			1 Crosswalks				
CW26-1	Parallel	None	None	5	30	Fair	Fair
At SNAKE HILL ROAD			1 Crosswalks				
CW258-1	Parallel	258-1	None	5	64	Fair	Good
SCHOOL DRIVE			**3 Crosswalks**				
At POND STREET			1 Crosswalks				
CW20-1	Continental	20-1	20-2	7	54	Fair	Fair

	Crosswalk Type	Start Ramp	End Ramp	Crosswalk Width	Length	Marking Condition	Road Condition
At WASHINGTON STREET			2 Crosswalks				
CW230-2	Continental	230-2	230-3	7	57	Good	Good
CW62-1	Continental	62-1	62-2	5	48	Good	Good
SNAKE HILL ROAD			**1 Crosswalks**				
At SANDY POND ROAD			1 Crosswalks				
CW258-2	Parallel	258-2	258-3	5	45	Fair	Fair
WASHINGTON STREET			**6 Crosswalks**				
At CAMBRIDGE STREET			1 Crosswalks				
CW248-1	Parallel	None	None	5	27	Fair	Fair
At GROTON HARVARD ROAD			1 Crosswalks				
CW4-1	Parallel	4-1	4-2	4	30	Good	Good
At MAIN STREET			1 Crosswalks				
CW153-2	Parallel	153-3	153-4	5	37	Fair	Fair
At MOORE DRIVE			1 Crosswalks				
CW230-1	Parallel	None	230-1	4	48	Poor	Fair
At SCHOOL DRIVE			1 Crosswalks				
CW60-1	Parallel	None	None	3	37	Fair	Fair
At WASHINGTON STREET			1 Crosswalks				
CW32-1	Parallel	None	None	3	28	Poor	Good
WEST MAIN STREET			**6 Crosswalks**				
At MECHANIC STREET			2 Crosswalks				
CW128-1	Parallel	128-1	128-2	5	47	Poor	Fair
CW128-2	Parallel	128-3	128-4	5	35	Fair	Good
At PARK STREET			2 Crosswalks				
CW187-2	Parallel	187-2	187-3	5	48	Poor	Fair
CW264-1	Parallel	264-1	264-2	5	42	Good	Good
At UNION STREET			1 Crosswalks				
CW127-1	Parallel	127-1	127-2	5	40	Poor	Good
At WEST MAIN STREET			1 Crosswalks				
CW126-1	Parallel	126-1	126-2	5	40	Good	Good
WEST STREET			**1 Crosswalks**				
At MAIN STREET			1 Crosswalks				
CW123-1	Parallel	123-1	123-2	5	24	Fair	Fair