



TOWN OF UXBRIDGE
 MASSACHUSETTS
Department of Public Works

BENN S. SHERMAN, P.E.
 Director of Public Works

147 Hecla Street
 Uxbridge, MA 01569
 (508) 278-8616
 Fax (508) 278-3179

MEMORANDUM

DATE: August 19, 2015
TO: David Genereux, Town Manager
FROM: Benn S. Sherman, P.E., Director of Public Works *Benn S. Sherman*
RE: Recommended Pavement Management Plan FY2016

As part of the Town’s ongoing pavement management plan, please find this recommended FY2016 pavement improvements.

This will be our second year of the program and as a continuation of the long range planning, we have made some adjustments to the existing plan. We have included a summary listing of streets and a map depicting the proposed road improvements for this year.

The recommended improvements are based on a funding level of **\$517,000** in Chapter 90 funding and **\$0** in local road funding. This funding level proposes utilizing uncommitted Chapter 90 funds from last year, as well as, supplemental FY2015 Chapter 90 funds released by the Governor in January 2015. If actual funding levels are decreased then the recommended roads will also have to be adjusted based on the pavement management system. In addition, although we are actively coordinating with public and private utilities, adjustments to the plan may be necessary to accommodate future utility projects.

Table 1 below summarizes the proposed FY2016 Road Improvements. The recommended improvements proposed in this document are associated with asphalt pavement **only**. Changes or improvements to sidewalks, curbing, drainage, guardrail, and/or geometric changes are not included in this plan in addition to associated police details. However, if during the design process these improvements are found to be necessary or desirable we will work to incorporate those items with the available budget(s). As you can imagine, these considerations typically involve a significant increase in the construction costs and will be reviewed accordingly.

Table 1 – FY2016 Proposed Road Improvements

Repair Type	Length (miles)	Cost
Heavy Hot Mix Asphalt Leveling	5.79	\$632,542
Routine Maintenance	4.91	\$48,200
Totals	10.17	\$680,742

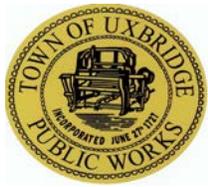
At this time, the overall road surface rating (RSR) for the Town is 68. This is the same as the previous year and is trending down due to the lack of roadway funding required to increase the rating. As has been the case in past presentations to the Board of Selectmen, it has been estimated that a minimum of matching funds from the Town would be required to realize a positive trend in the road surface rating (RSR, i.e. improve the average road surface rating of the entire system. Based on information available through the Town’s pavement management system, the current backlog of needed repairs throughout Town totals \$15,955,205.



A complete listing of all the repairs is attached along with a map of those repairs. If you have any questions or require additional information, please don't hesitate to contact this office.

Attachments

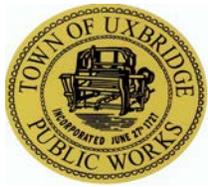
CC: Paul Morante, Highway Supervisor
Justin Cole, Accountant



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 DEPARTMENT OF PUBLIC WORKS
 FY2016 Pavement Management Program

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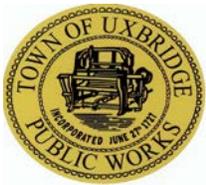
Street Name	From	To	RSR	Suggested Repair	Length (ft)	Area (sy)	Repair Cost
Repair Type: Leveling							
ALBEE ROAD							
ALBEE RD-04	EAST ST	MILLVILLE TL	44	LEVELING	3,164	5,272	\$ 25,937
BUFFUM STREET							
BUFFUM ST	PAINE ST	DOUGLAS TL	62	LEVELING	1,176	2,352	\$ 21,533
BLACKSTONE STREET							
BLACKSTONE ST-	VARIOUS SECTIONS		70	LEVELING	1,500	4,000	\$ 36,540
HAZEL STREET							
HAZEL ST	VARIOUS SECTIONS		65	LEVELING	5,121	11,535	\$ 105,383
MARTIN ROAD							
MARTIN RD	PAINE ST	DOUGLAS TL	58	LEVELING	726	1,129	\$ 10,360
PAINE STREET							
PAINE ST-01	WEST ST	CELTIC COURT	35	LEVELING	938	1,668	\$ 15,254
PAINE ST-02	CELTIC COURT	MARTIN ST	47	LEVELING	1,208	2,148	\$ 19,658
RAWSON STREET							
RAWSON ST	WILLIAMS STREET	SUTTON TL	24	LEVELING	4,281	7,611	\$ 69,574
WEST RIVER ROAD							
WEST RIVER RD-01	MENDON ST	UNKNOWN	49	LEVELING	2,700	6,601	\$ 60,359
WEST RIVER RD-02	UNKNOWN	WITEK ST	64	LEVELING	218	532	\$ 4,895
WEST RIVER RD-03	WITEK ST	WITEK ST	49	LEVELING	819	2,001	\$ 18,354
WEST RIVER RD-04	WITEK ST	HENRY LEGG RD	57	LEVELING	230	1,051	\$ 9,626
WEST RIVER RD-05	HENRY LEGG RD	HARVEST RD	66	LEVELING	1,623	3,967	\$ 36,297
WEST RIVER RD-06	HARVEST RD	MY WAY	74	LEVELING	844	2,063	\$ 18,924
WEST RIVER RD-07	MY WAY	HARTFORD AVE EAST	69	LEVELING	845	2,066	\$ 18,924
WEST STREET							
WEST ST-	PAVEMENT CHANGE	PAINE ST	55	LEVELING	1,000	2,000	\$ 18,270
WEST ST-08	DOUGLAS ST	DOUGLAS TL	35	LEVELING	3,776	6,712	\$ 61,336
WILLIAMS STREET							
WILLIAMS ST	VARIOUS SECTIONS			LEVELING	4,000	8,893	\$ 81,318
LEVELING TOTAL					34,169	71,601	\$ 632,542



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Street Name	From	To	RSR	Suggested Repair	Length (ft)	Area (sy)	Repair Cost
Repair Type: Routine Maintenance							
ARNOLD WAY							
ARNOLD WAY	SOUTHWOODS DR	DEAD END	89	ROUTINE MAINTENANCE	1,093	3,159	\$ 1,600
BAZALEEL CIRCLE							
BAZALEEL CIRCLE	ELMSHADE DR	CUL DE SAC	85	ROUTINE MAINTENANCE	686	1,982	\$ 1,000
COURT STREET							
COURT ST	DOUGLAS ST	NORTH MAIN ST	84	ROUTINE MAINTENANCE	504	1,176	\$ 600
DEER VIEW LANE							
DEER VIEW LN	WILDLIFE DR	CUL DE SAC	86	ROUTINE MAINTENANCE	342	988	\$ 500
ELMSHADE DRIVE							
ELMSHADE DR-01	SOUTH MAIN ST.	BAZELEEL CIR	74	ROUTINE MAINTENANCE	2,256	988	\$ 3,000
ELMSHADE DR-02	BAZELEEL CIR	CUL DE SAC	82	ROUTINE MAINTENANCE	871	2,517	\$ 1,000
FOXWOODS DRIVE							
FOXWOODS DR	WEST ST	WILDLIFE DR	67	ROUTINE MAINTENANCE	342	988	\$ 5,000
GARY LANE							
GARY LN	ALDRICH ST	KASEY CT	73	ROUTINE MAINTENANCE	1,004	3,123	\$ 5,000
GLEN STREET							
GLEN ST	MILLVILLE RD	CUL DE SAC	88	ROUTINE MAINTENANCE	1,303	3,765	\$ 2,000
HOLBROOK LANE							
HOLBROOK LN	ALBEE RD	MILLVILLE RD	87	ROUTINE MAINTENANCE	859	1,910	\$ 1,000
KASEY COURT							
KASEY CT	GARY LN	GARY LN	80	ROUTINE MAINTENANCE	3,581	10,345	\$ 5,500
LEE STREET							
LEE ST	GLEN ST	CUL DE SAC	85	ROUTINE MAINTENANCE	425	11,050	\$ 1,000
LONGMEADOW ROAD							
LONGMEADOW RD	WEST ST	CUL DE SAC	75	ROUTINE MAINTENANCE	1,166	2,211	\$ 1,000
MENDON STREET							
MENDON ST-01	NORTH MAIN ST	DEPOT ST	82	ROUTINE MAINTENANCE	446	1,538	\$ 800
MENDON ST-02	DEPOT ST	CAPRON ST	88	ROUTINE MAINTENANCE	481	1,657	\$ 850
MENDON ST-03	CAPRON ST	OAK ST	89	ROUTINE MAINTENANCE	489	1,686	\$ 850
MENDON ST-04	OAK ST	CROSS ST	87	ROUTINE MAINTENANCE	1,187	4,091	\$ 2,100
MENDON ST-05	CROSS ST	CHARLES AVE	91	ROUTINE MAINTENANCE	1,632	5,621	\$ 700
MENDON ST-06	CHARLES AVE	HENRY RD	87	ROUTINE MAINTENANCE	332	1,145	\$ 700
MENDON ST-07	HENRY RD	STATE HIGHWAY	86	ROUTINE MAINTENANCE	848	2,921	\$ 2,000
MURPHY'S WAY							



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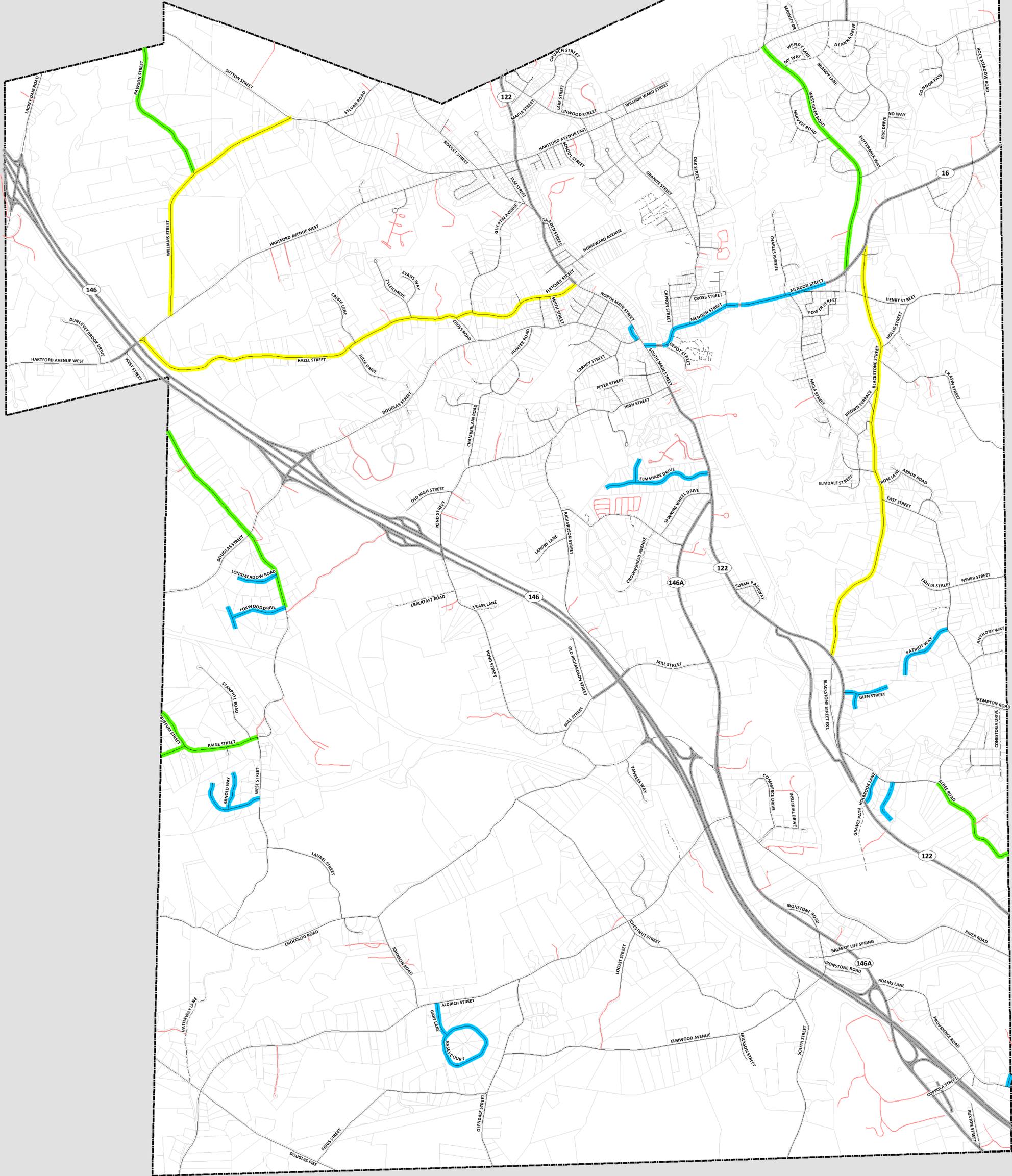
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Street Name	From	To	RSR	Suggested Repair	Length (ft)	Area (sy)	Repair Cost
MURPHYS WAY	ALBEE RD	CUL DE SAC	85	ROUTINE MAINTENANCE	1,320	34,320	\$ 2,000
PATRIOT WAY							
PATRIOT WAY	EAST ST	CUL DE SAC	85	ROUTINE MAINTENANCE	1,993	5,760	\$ 3,000
QUAKER STREET							
QUAKER ST	PROVIDENCE RD	MILLVILLE TL	83	ROUTINE MAINTENANCE	358	875	\$ 500
SOUTHWOODS DRIVE							
SOUTHWOODS DR-01	WEST ST	ARNOLD WAY	91	ROUTINE MAINTENANCE	950	2,744	\$ 2,000
SOUTHWOODS DR-02	ARNOLD WAY	CUL DE SAC	92	ROUTINE MAINTENANCE	1,075	3,106	\$ 2,000
WILDLIFE DRIVE							
WILDLIFE DR	DEERVIEW LN	CUL DE SAC	85	ROUTINE MAINTENANCE	369	9,609	\$ 2,500
ROUTINE MAINTENANCE TOTAL					25,912	119,275	\$ 48,200
FY2016 GRAND TOTAL					60,081	190,876	\$ 680,742

Town of Uxbridge, Massachusetts

Pavement Management Program

FY2016 Proposed Roadway Projects



Roadway Projects

- Leveling
- Leveling - Various Sections
- Routine Maintenance

DRAFT

Issue Date: August 19, 2015

This Map is Intended for Planning Purposes Only



0 0.5 1 Miles

