

Appendix B
**Malvern Borough Planning Commission
Sidewalk Survey(2008)**

MALVERN BOROUGH PLANNING COMMISSION

Sidewalk Survey - 2008

With Recommendations

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This report summarizes the results of a survey of sidewalks in the Borough of Malvern, and provides near-term recommendations for repair and installation of additional sidewalks. The document is accompanied by an excel spreadsheet with data by Planning Area and by Street. A set of detailed aerial maps are also provided, with color-coded identification of the locations for recommended repairs and new sidewalk installation.

1. Introduction

The Malvern Borough Planning Commission, at the request of Borough Council, has produced a survey of sidewalk conditions throughout the Borough. We have used planning area and roadway information contained in the 1999 Comprehensive Plan and as described below. The sidewalk survey work was performed exclusively by Planning Commission members. Data were recorded using a Microsoft Excel spreadsheet and tabulated by Planning Area. The data were analyzed to provide recommendations for repair / replacement of existing sidewalks, and for installation of new sidewalks as resources become available through Community Grants. Products resulting from the survey effort include this report, the spreadsheet, and maps with color-coded, hand-drawn notations. It is expected that the Borough will use this information in several ways:

- maintain a database (the spreadsheet) of sidewalk conditions,
- develop priorities for new sidewalks as resources become available,
- begin the process of repairing or replacing the existing inventory of sidewalks, and
- Develop, with experienced consultant assistance, a complete Pedestrian Circulation Plan.

2. Methodology

The sidewalk survey was undertaken using the following definitions, criteria, and rationale:

- **Neighborhood Planning Areas** – we divided the Borough into the 18 areas described in Map 3-1 of the Malvern Borough Comprehensive Plan created in 1999. Data were recorded on spreadsheet tabs corresponding to each of these 18 areas.
- **Street Classification** – the streets and roadways in the Borough were defined in accordance with Map 5-1 of the Malvern Borough Comprehensive Plan created in 1999. The Borough roadway network consists of:
 - arterials,
 - collectors,
 - distributors, and
 - local access streets.
- **Sidewalk Data Definitions** – data were collected employing the following criteria:

Subject	Data	Criteria
Sidewalk	0	None
	1	Exists
	1	Good
Condition	2	Minor Repairs Needed
	3	Major Repairs Needed
Curb	0	None

	1	Exists
Sidewalk Type	1	Victorian
	2	Standard
	3	Non-standard
Overhead Lights	0	None
	1	Exists
ADA	0	Noncompliant
	1	Compliant

3. Recommendations

Our recommendations for repair / replacement or existing sidewalks and installation of new sidewalks are shown in Tables One through Seven provided below. Three tables focus on existing sidewalks that require repair / replacement, and are structured in order of perceived priority. A similar set of three tables were developed for locations where new sidewalks are needed. A seventh table identifies additional 'pedestrian-critical issues that need to be addressed. Data within the individual tables carry equal priority. The colors listed in the table headings correlate to the color-coded aerial maps accompanying this report. Criteria developed as 'Rationale' for the selection of these locations includes:

- Safety Critical,
- ADA Accessible,
- School Access,
- High Traffic Area,
- Park Access,
- Church Access,
- Town Center Access,
- Municipal Center Access,
- Completes a Pathway, and
- Completes a Sidewalk-Block.

4. Products

Work items produced during the sidewalk survey project include this report, an Excel 2003 Spreadsheet with the detailed data on sidewalks throughout the Borough, and maps marked-up during the analysis phase of the effort.

5. Acknowledgements

This work was accomplished by the Malvern Borough Planning Commission members during the summer of 2008. We acknowledge the generous assistance of the Borough Manager and the Borough Engineer, Sandra Kelley and Dan Dailey, respectively.

Table 1 - Existing Critical: Repair Now (Blue)

Planning Area #	Street	Side	Address / Block	Street Class	Existing Condition	Repair / Replace	Rationale
10	E. King	S	138	Collector	3	Replace	High Traffic, Safety
7	Monument	N	243	Distributor	3	Replace	Safety
6	Monument	N	423 – 425 (driveway)	Distributor	3	Replace	Safety
8	Warren	E	Unit Block – Burke Park	Collector	3	Replace	High Traffic

Table 2 - Existing High Priority: Repair Within One Year (Orange)

Planning Area #	Street	Side	Address / Block	Street Class	Existing Condition	Repair / Replace	Rationale
15	Daisy Lane	S	20-102	Local	3	Replace	Safety Critical
10	W. King	N	145	Collector	3	Replace	High Traffic, Safety
7	Griffith	W	Monument & Griffith	Local	3	Replace	High traffic
7	Griffith	W	King & Griffith	Local	3	Replace	High traffic
8	Woodland	W	156	Local	3	Repair	Safety critical
8	Church	E	103 - 121	Local	3	Repair	Church Access

Table 3 - Existing Lower Priority: Repair by 2010 (Pink)

Planning Area #	Street	Side	Address / Block	Street Class	Existing Condition	Repair / Replace	Rationale
11	W. King	N	225-227	Collector	3	Replace	Safety-Obstruction

Table 4 – New Critical: Install Now (Brown)

Planning Area #	Street	Side	Address / Block	Street Class	Sidewalk Style	Rationale
16	Longford	E	131-159	Local	Victorian	Safety Critical
6	Monument	N	500 Block	Distributor	Standard	Safety Critical, Ball fields
6	Monument	N	601 - 617	Distributor	Standard	Safety Critical, Ball fields
7	W. 1 st Ave.	N	9	Local	Standard	Safety Critical, School
7	W. 1 st Ave.	N	23 (& 145 Powelton)	Local	Standard	Safety Critical, Park Acc.
7	W. 1 st Ave.	S	0-99 (softball field block)	Local	Standard	Safety Critical, Park Acc.

Table 5 – New High Priority: Install by 2010 (Fluorescent Green)

Planning Area #	Street	Side	Address / Block	Street Class	Sidewalk Style	Rationale
17	Old Lincoln	N	211	Distributor	Victorian	Safety, High Traffic
16	E. Broad	S	200 Block	Local	Victorian	Safety, High Traffic
16	E. Broad	S	300 Block	Local	Victorian	Safety
16	E. Broad	N	200 Block	Local	Victorian	Safety
11	W. King	S	208 – 210 (Nolan Dr. side)	Collector	Standard	Complete path
6	Monument	S	500 (ball fields)	Distributor	Standard	Safety, Park Access
6	Monument	S	600 (ball fields to cabin)	Distributor	Standard	Safety, Park Access
6	Highland	N	645 (side yard on Sugartown)	Local	Standard	Safety, Path Completion, High traffic
7	W. 1 st Ave.	N	103 -337	Local	Standard	Path Completion
8	E. 1 st Ave.	N	Warren to Ruthland (4 blocks)	Local	Standard	Path Completion
8	Channing	W	100 block (Church park lot)	Local	Victorian	Safety, Church Access
8	Church	E	165	Local	Standard	Completes the Block
8	Church	E	201 – 215	Local	Standard	Completes the block
7	Warren	W	301 (along Quann Park)	Collector	Standard	Safety
7	Griffith	E	11	Local	Standard	Completes path
7	Griffith	E	39	Local	Standard	Completes path

Table 6 – New Lower Priority: Install by 2012 (Forrest Green)

Planning Area #	Street	Side	Address / Block	Street Class	Sidewalk Style	Rationale
17	Minor	W	219 - 227	Local	Victorian	Completes path
16	Old Lincoln	N	211 (Minor side yard)	Distributor	Victorian	Completes path
16	Old Lincoln	S	316 – 360 plus entrance to Rubino Park	Distributor	Victorian	Safety critical
12	N. Sugartown	E	Along N. Sugartown	Collector	Standard	Safety critical, completes path
12	W. King	N	611 (Charlestown Greene)	Collector	Standard	Completes path
12	Landmark	E	Along N. Sugartown	Local	Standard	Safety critical, completes path
12	Book Sellers Ct.	E	Along N. Sugartown	Local	Standard	Safety critical, completes path
6	Crest Ave.	W	12 - 52	Local	Standard	Completes path
6	Malvern Ave.	E	21 to Monument Ave.	Local	Standard	Completes path
8	E. 1 st Ave.	S	100, 200, 300 Blocks	Local	standard	Completes path
8	Channing	W	234	Local	Standard	Completes the Block
8	Woodland	E	227 - 231	Local		Completes path
8	Woodland	W	234	Local		Completes path
8	Raspberry	N	48 (& 135 Green)	Local	Standard	Completes path
8	Ruthland	W	1 st Ave. to Randolph Woods	Local	Standard or Victorian	Park access

Table 7 - Other Pedestrian – Critical Issues to be Addressed

Planning Area #	Street	Side	Address / Block	Street Class	Issue	Rationale
12	Sugartown	E.	645 to Monument	Collector	Steep slope, high traffic	No obvious solution
4	Carters Grove	N	Path into Memorial Park	Internal path	Needs to be redone	Safety
7	W. 1 st Ave.	S	300 Block	Standard or Macadam	Complete path	Pathway into Memorial Park
6	Monument & Warren	W	7 (Warren Ave. side)	Distributor	Brick sidewalk uneven, dips	Pedestrian safety
16	E. Broad		206	Collector	Ped X striping to cross Bridge St.	Safety