Standard Details:

1 1/2" HMA, 5E03
[PG 58–22 (Final Grade)]
92% to 96% of the Theoretical
Maximum Density (TMD)

Apply bituminous bond tack
cast 3S–1H at an application
rate of 0.10 gallons/sq.yd.
or adjusted by the engineer
as conditions warrant

2 1/2" HMA, 4E03
[PG 58–22 (Final Grade)]
92% to 96% of the Theoretical
Maximum Density (TMD)

4" (CIP) of 21AA aggregate base
(98% Maximum Density)

Compacted existing subgrade
(95% Maximum Density)

Minimum vertical clearance within
the influence of the pathway

3' minimum horizontal clearance
between edge of pathway and all
fixed objects

1% cross slope for drainage
off and away from pathway
and graded shoulders. Cross–
slope shall not exceed 2%

3' Graded Shoulder

Standard Notes:
1. Maximum grade of 8.33% along pathway
(less than 5% is recommended).
2. 1% cross slope (i.e. super elevation) for
drainage off and away from pathway and
grazed shoulders (2% maximum
cross–slope).
3. 60' minimum center line radii for pathway
horizontal alignment.
4. Provide a minimum of 3' horizontal
clearance and 10' vertical clearance from all
fixed objects and the edge of pathway
surface. Relocation of existing objects (i.e.
mail boxes, signs, etc.) shall be considered
incidental work items.
5. Pathway ramps shall be constructed in
accordance with MDOT standard detail R–28
Series and shall have a minimum clear
opening of 8' wide.
6. A clean saw cut joint shall be provided
wherever new pavement matches existing
pavement (Incidental work item).
7. Utility structures shall be adjusted in
accordance with the City of Rochester Hills
standards and shall match the proposed
grade of the pathway.
8. Pathway shall be 6 inch thick HMA or
concrete through residential drives and
9 inch thick HMA or 8 inch thick concrete
through commercial drives.
9. Pathway asphalt shall be paid for as "Shared
Use Path, HMA" when part of public
improvement project.
10. Ramps and landings shall be 6 inch thick
concrete.
11. ADA detectable warning plates shall be
preformed and brick red in color. Acceptable
products included ADA Solutions, Inc.,
Armor-Tile, e.j. or approved equal.

Typical 8' Pathway Section

Typical Pathway and Shoulder Drainage Profile

CITY OF ROCHESTER HILLS
STANDARD DETAIL FOR:

Pathway Details:
Hot-Mixed Asphalt Pathway
Construction, Extensions and Relocations

DRAWN BY: B. SMITH
PLAN DATE: 8/28/1996
REVISIONS: 2/25/2014 8/22/2018

APPROVED BY: P. SHUMILKO, P.E., PTOE
CITY TRANSPORTATION ENGINEERING MANAGER

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