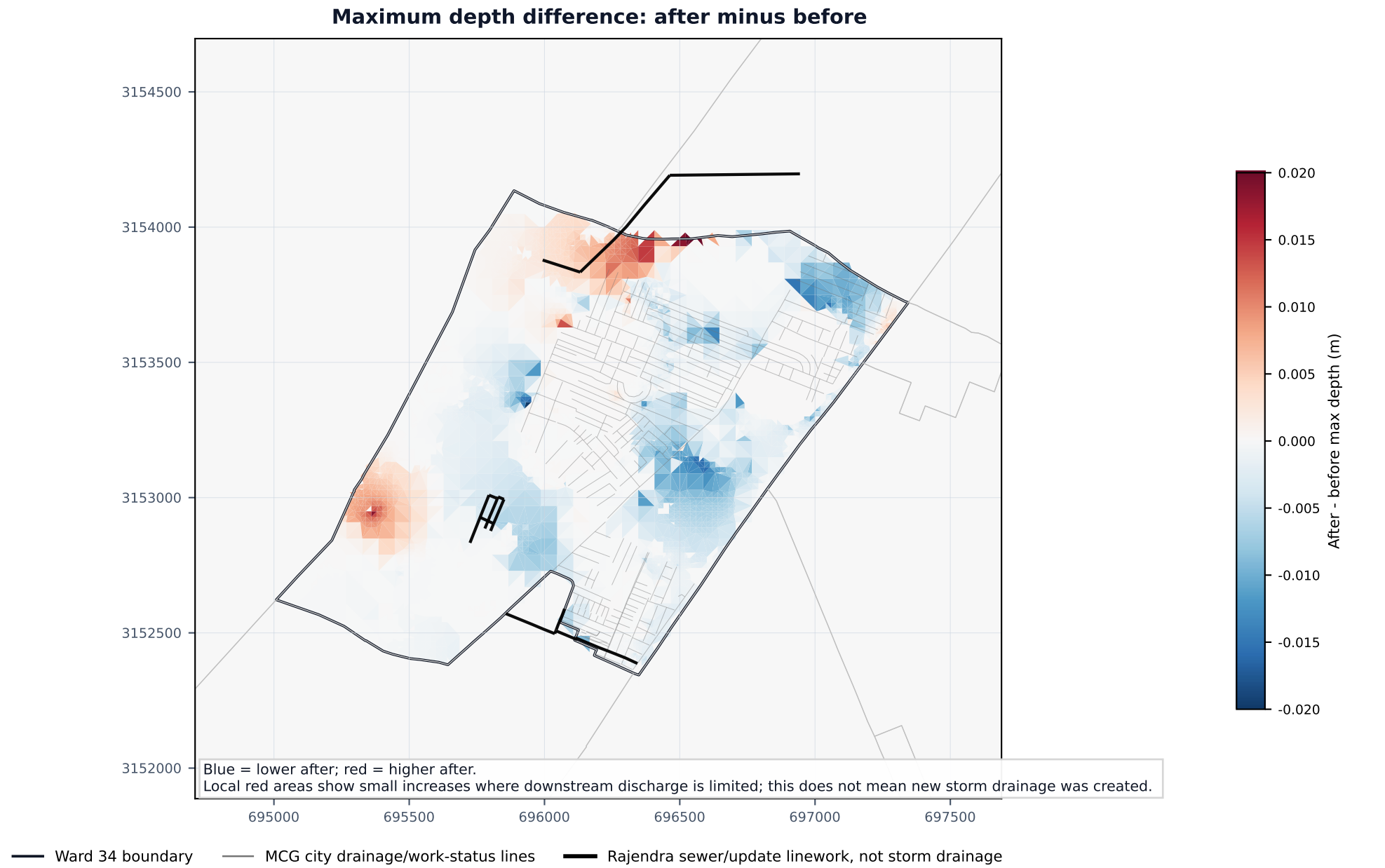




Final flood volume

-1,861 m3

Area >= 0.30 m

-842 m2

Manhole return

+203 m3

Network overflow

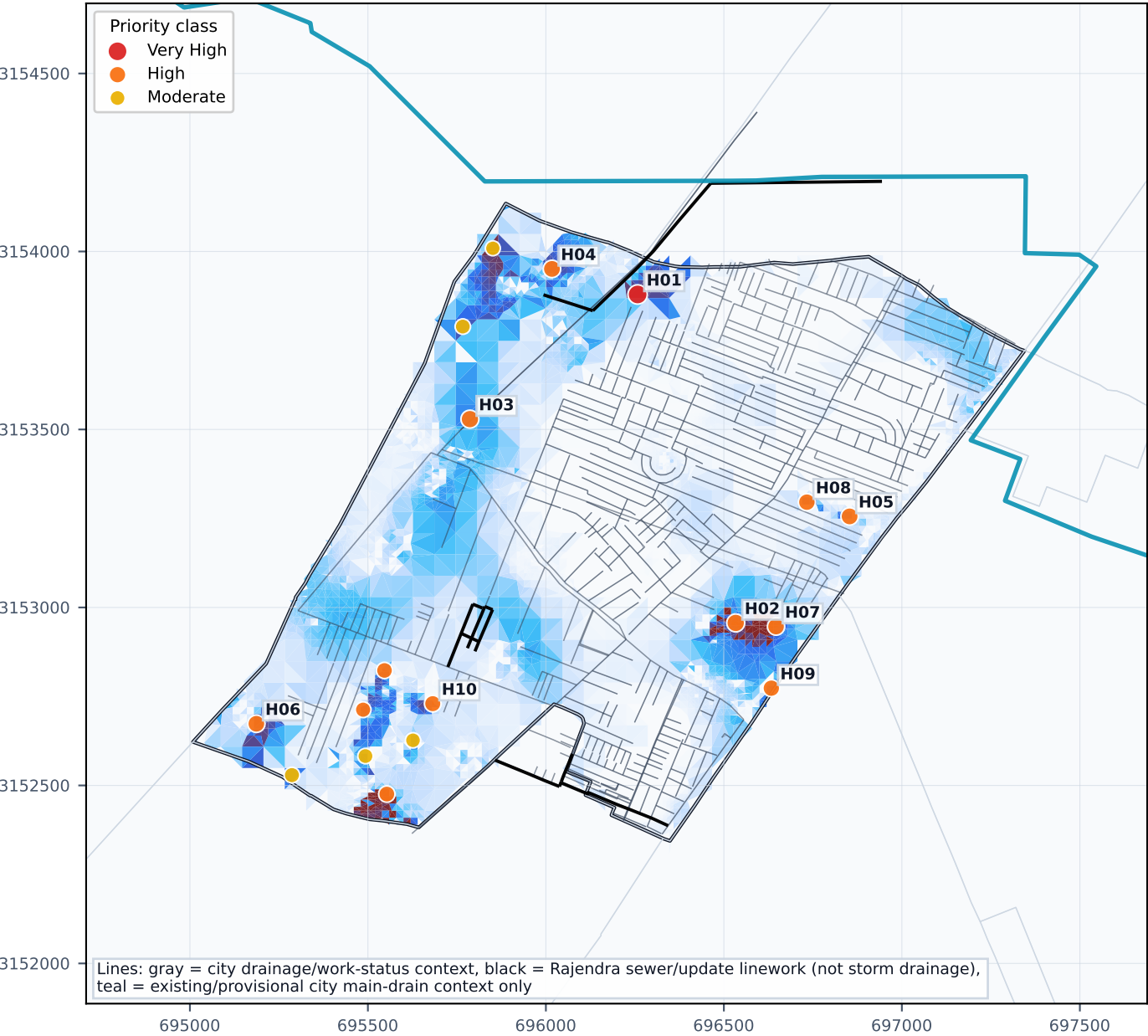
+190 m3

Ward 34 critical hotspot screen

INTERNAL DRAFT

After-condition priority locations using water depth, exposure, road access and reported waterlogging evidence

After-condition maximum depth and priority locations



Top Ward 34 hotspots

Confidential workbook is used only as 100 m private grid + 250 m aggregate buffer.

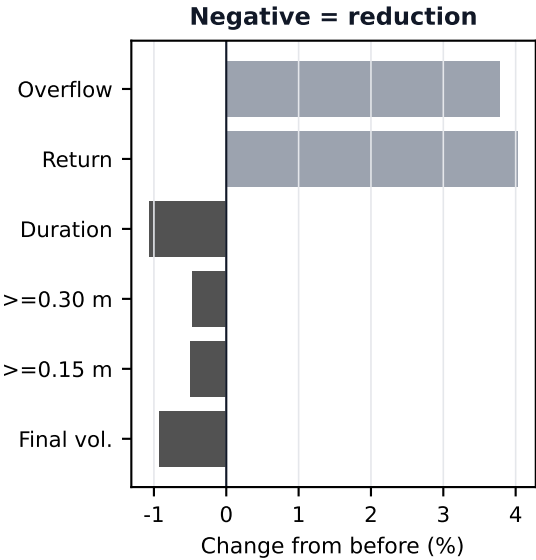
- H01 Very High 74.6**
Gopi Pandit Wali Gali, Rajendra...
Depth 0.51 m | Persist 613 min | Prop. Very High
- H02 High 64.4**
Gali No. 8, Surat Nagar Phase-I
Depth 0.72 m | Persist 527 min | Prop. Very High
- H03 High 64.3**
Toyta Showroom wali gali,...
Depth 0.36 m | Persist 615 min | Prop. High
- H04 High 60.8**
Gopi Pandit Wali Gali, Rajendra...
Depth 0.46 m | Persist 497 min | Prop. High
- H05 High 60.7**
Gali no.11 ,12 bhimgarh kheri.
Depth 0.37 m | Persist 625 min | Prop. Very High
- H06 High 59.9**
Dhanwapur Village near Bikaner...
Depth 0.49 m | Persist 551 min | Prop. Very High
- H07 High 59.5**
Bhimgarh khedi ashoka apartment
Depth 0.49 m | Persist 454 min | Prop. Very High
- H08 High 58.5**
Gali no.11 ,12 bhimgarh kheri.
Depth 0.47 m | Persist 641 min | Prop. Very High

Constrained-outflow caveat

Known local condition: this part of Ward 34 does not have dedicated stormwater drainage. The Rajendra KMZ is sewerage/update linework. In this comparison, downstream discharge to STPs is limited, so some water can remain in the network and return at manholes. The reported manhole-return and network-overflow increases should be read as constrained-outflow redistribution, not as proof that the works worsen surface flooding.

Ward KPI comparison

KPI	Before	After	Change
Final flood volume	202,077 m3	200,216 m3	-1,861 m3
Max depth	0.816 m	0.810 m	-0.007 m
Mean peak depth	0.103 m	0.102 m	-0.001 m
Mean persistence	125.0 min	123.7 min	-1.3 min
Area >= 0.15 m	0.6059 km2	0.6029 km2	-0.0030 km2
Area >= 0.30 m	0.1768 km2	0.1759 km2	-0.0008 km2
Area >= 0.50 m	0.0151 km2	0.0159 km2	+0.0008 km2
Manhole return*	5,035 m3	5,237 m3	+203 m3
Network overflow*	5,023 m3	5,213 m3	+190 m3
Head-driven manhole return	12 m3	25 m3	+13 m3



- This comparison uses the completed citywide before/after run outputs available for Ward 34.
- The 30% / 70% desilting values are planning assumptions for comparison unless asset-level pre/post confirmation is supplied.
- Known local condition: Rajendra Park / New Rajendra Nagar lacks dedicated stormwater drainage; the Rajendra KMZ is sewerage/update linework, not drainage.
- Manhole-return and network-overflow values can increase because downstream discharge to STPs is limited; water can enter the network, remain there temporarily, and return at manholes.
- Priority classes use only privacy-safe property aggregates; raw property rows, owner names, property IDs and exact property points are not exported.
- Interpret Ward 34 as slight surface-flood reduction with local constrained-network pressure; final action depends on field-confirmed storm-drain egress and downstream discharge route.