```
EXAM #3 SWMM INPUT FILE (.inp)
[TITLE]
[OPTIONS]
FLOW_UNITS MGD
INFILTRATION HORTON
FLOW_ROUTING DYNWAVE
START_DATE 04/08/2010
START_TIME 00:00:00
REPORT_START_DATE 04/08/2010
REPORT_START_TIME 00:00:00
END_DATE 04/09/2010
END_TIME 00:00:00
SWEEP_START 01/01
SWEEP_END 12/31
DRY_DAYS 0
REPORT_STEP 00:15:00
WET_STEP 00:15:00
DRY_STEP 01:00:00
ROUTING_STEP 0.5
ALLOW_PONDING NO
INERTIAL_DAMPING NONE
VARIABLE_STEP 0.75
LENGTHENING_STEP 0
MIN_SURFAREA 0
NORMAL_FLOW_LIMITED FROUDE
SKIP_STEADY_STATE NO
FORCE_MAIN_EQUATION H-W
LINK_OFFSETS DEPTH
MIN_SLOPE 0
[EVAPORATION]
;;Type Parameters
;;---------- ----------
CONSTANT 0.0
[JUNCTIONS]
;; Invert Max. Init. Surcharge Ponded
;;Name Elev. Depth Depth Depth Area
;;-------------- ---------- ---------- ---------- ---------- ----------
1 0.075 0 5.92 0 0
2 0.15 0 5.85 0 0
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3 .225 0 5.77 0 0
4 .3 0 5.70 0 0
5 .375 0 5.62 0 0
6 .45 0 5.55 0 0
[OUTFALLS]
;; Invert Outfall Stage/Table Tide
;;Name Elev. Type Time Series Gate
;;-------------- ---------- ---------- ---------------- ----
7 0 FIXED 6 NO
[CONDUITS]
;; Inlet Outlet Manning Inlet Outlet Init. Max.
;;Name Node Node Length N Offset Offset Flow Flow
;;-------------- ---------------- ------ --------- --------- --------- --------- --------- ---------
1 6 5 15 0.01 0 0 0 0
2 5 4 15 0.01 0 0 0 0
3 4 3 15 0.01 0 0 0 0
4 3 2 15 0.01 0 0 0 0
5 2 1 15 0.01 0 0 0 0
6 1 7 15 0.01 0 0 0 0
[XSECTIONS]
;;Link Shape Geom1 Geom2 Geom3 Geom4 Barrels
;;-------------- ------------ ---------------- --------- --------- --------- ---------
1 RECT_CLOSED 10 14 0 0 1
2 RECT_CLOSED 10 14 0 0 1
3 RECT_CLOSED 10 14 0 0 1
4 RECT_CLOSED 10 14 0 0 1
5 RECT_CLOSED 10 14 0 0 1
6 RECT_CLOSED 14 10 0 0 1
[LOSSES]
;;Link Inlet Outlet Average Flap Gate
;;-------------- ---------- ---------- ---------- ----------
[INFLOWS]
;; Param Units Scale Baseline Baseline
;;Node Parameter Time Series Type Factor Factor Value Pattern
;;-------------- ---------------- ---------------- -------- -------- -------- -------- --------
6 FLOW "" FLOW 1.0 1.0 35.0
[REPORT]
INPUT NO
CONTROLS NO
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SUBCATCHMENTS ALL
NODES ALL
LINKS ALL
[TAGS]
[MAP]
DIMENSIONS 0.000 0.000 10000.000 10000.000
Units None
[COORDINATES]
;;Node X-Coord Y-Coord
;;-------------- ----------------- -----------------
1 -584.757 8436.268
2 466.491 8423.127
3 1741.130 8396.846
4 2897.503 8383.706
5 3843.627 8357.424
6 4618.922 8291.721
7 -1517.740 8423.127
[VERTICES]
;;Link X-Coord Y-Coord
;;-------------- ----------------- -----------------
```