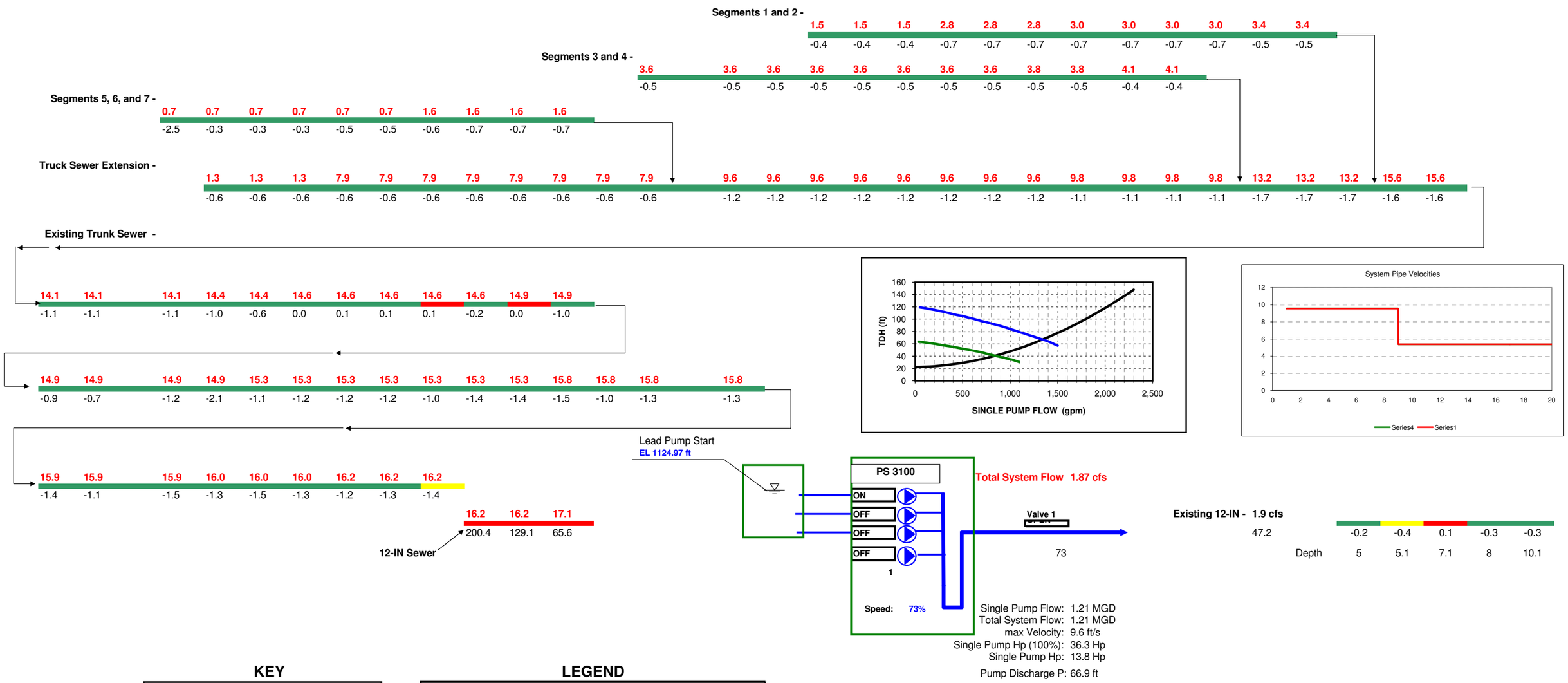
APPENDIX "C"
Modeling Graphics



KEY

23.1 ← Flow, cfs

-1.1 ← Submergence, FT (Possitive number indicates depth of water over top of pipe)

LEGEND

- Submerged Due to Flow Condition
- Submerged Due to Outlet Condition
- Gravity Flow

HDR Engineering, Inc.

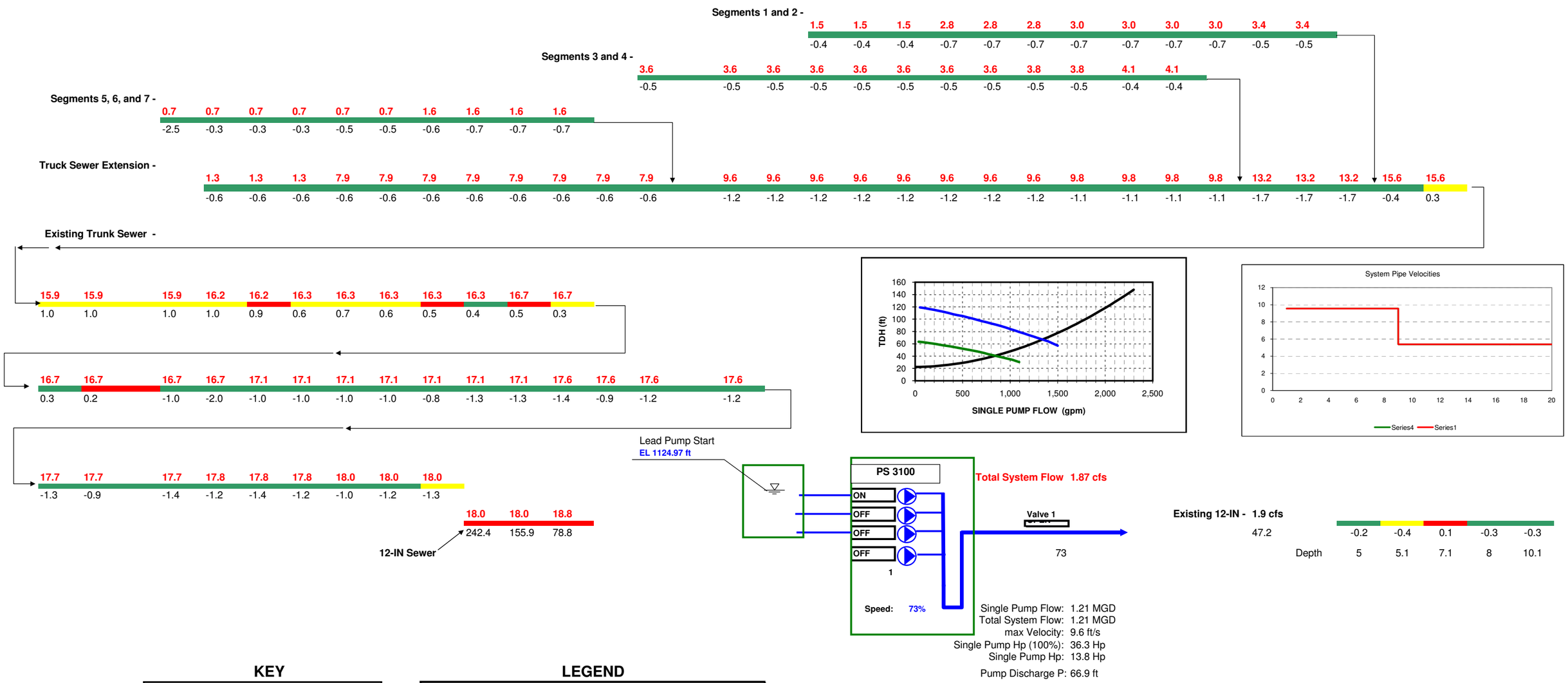
HYDRAULIC MODELING RESULTS - No Submergence

WEST "O" ST. SEWER IMPROVEMENTS

LINCOLN WASTEWATER SYSTEM

Date 10/21/2004

Fig. 1 - 1



KEY

23.1 ← Flow, cfs

-1.1 ← Submergence, FT (Possitive number indicates depth of water over top of pipe)

LEGEND

- Submerged Due to Flow Condition
- Submerged Due to Outlet Condition
- Gravity Flow

HDR Engineering, Inc.

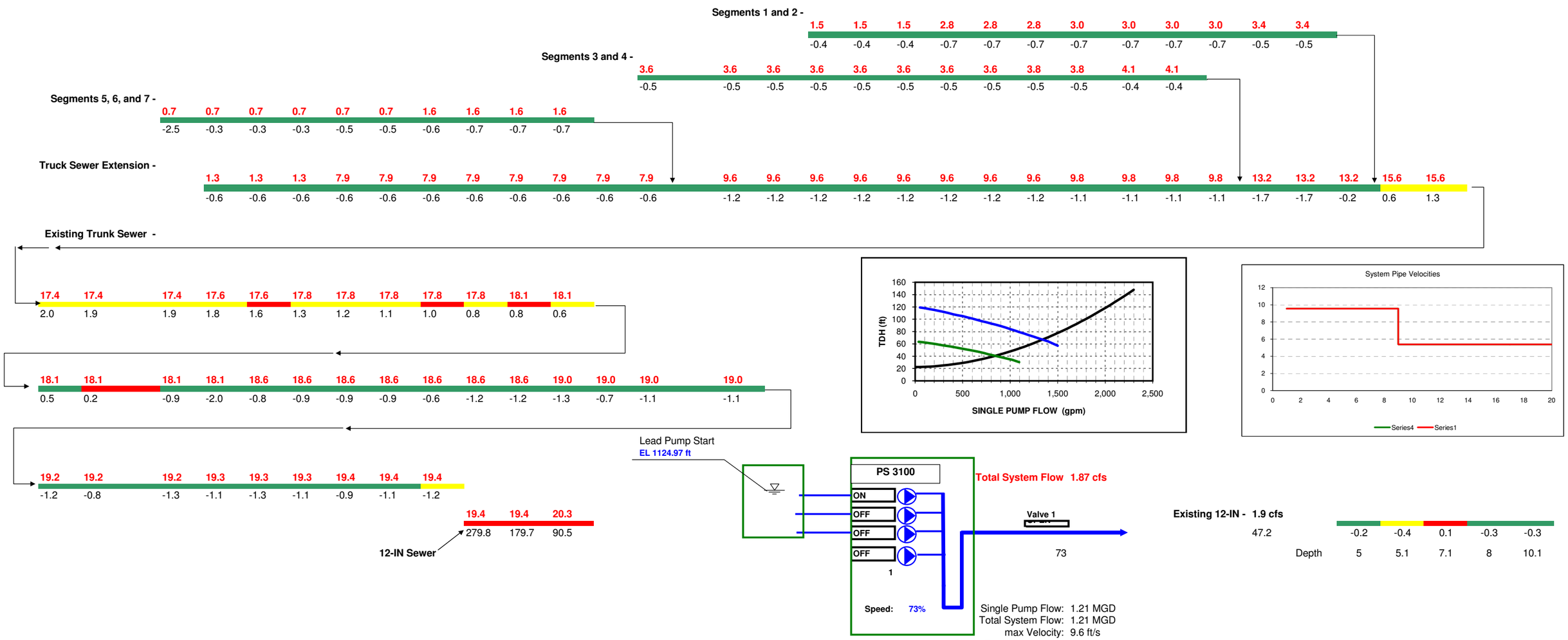
HYDRAULIC MODELING RESULTS - 1-FT Submergence

WEST "O" ST. SEWER IMPROVEMENTS

LINCOLN WASTEWATER SYSTEM

Date 10/21/2004

Fig. 1 - 2



KEY

23.1 ← Flow, cfs

-1.1 ← Submergence, FT (Possitive number indicates depth of water over top of pipe)

LEGEND

- Submerged Due to Flow Condition
- Submerged Due to Outlet Condition
- Gravity Flow

HDR Engineering, Inc.

HYDRAULIC MODELING RESULTS - 2-FT Submergence

WEST "O" ST. SEWER IMPROVEMENTS

LINCOLN WASTEWATER SYSTEM

Date 10/21/2004

Fig. 1 - 3