

PROJECT NAME : LINE 01  
JOB NUMBER :  
PROJECT DESCRIPTION :  
DESIGN FREQUENCY : 100 Years  
MEASUREMENT UNITS: ENGLISH  
OUTPUT FOR DESIGN FREQUENCY of: 100 Years

Runoff Computation for Design Frequency.

Table with 8 columns: ID, C Value, Area (acre), Tc (min), Tc Used (min), Intensity (in/hr), Supply Q (cfs), Total Q (cfs). Row 0-1: 0.9, 0.50, 10.00, 10.00, 9.80, 0.000, 4.376

Cumulative Junction Discharge Computations

Table with 10 columns: Node I.D., Node Type, Weighted C-Value, Cumulat. Dr. Area (acres), Cumulat. Tc (min), Intensity (in/hr), User Supply Q (cfs), Additional Q In Node (cfs), Total Disch. (cfs). Rows for 0-1, bend1, bend2, and OUT nodes.

Conveyance Configuration Data

Table with 11 columns: Run#, Node I.D., Flowline Elev. (US, DS), Shape #, Span (ft), Rise (ft), Length (ft), Slope (%), n\_value. Rows for 1, 2, and 3.

Conveyance Hydraulic Computations. Tailwater = 445.630 (ft)

Table with 11 columns: Run#, US Elev (ft), DS Elev (ft), Fr. Slope (%), Unif. Depth (ft), Actual Depth (ft), Unif. Velocity (f/s), Actual Velocity (f/s), Q (cfs), Cap (cfs), Loss (ft). Rows for 1\*, 2\*, and 3\*.

\* Super critical flow.

PROJECT NAME : LAT 06  
JOB NUMBER :  
PROJECT DESCRIPTION :  
DESIGN FREQUENCY : 100 Years  
MEASUREMENT UNITS: ENGLISH  
OUTPUT FOR DESIGN FREQUENCY of: 100 Years

Runoff Computation for Design Frequency.

Table with 8 columns: ID, C Value, Area (acre), Tc (min), Tc Used (min), Intensity (in/hr), Supply Q (cfs), Total Q (cfs). Row 0-6: 0.9, 0.55, 10.00, 10.00, 9.80, 0.000, 4.817

Cumulative Junction Discharge Computations

Table with 10 columns: Node I.D., Node Type, Weighted C-Value, Cumulat. Dr. Area (acres), Cumulat. Tc (min), Intensity (in/hr), User Supply Q (cfs), Additional Q In Node (cfs), Total Disch. (cfs). Rows for 0-6 and OUT nodes.

Conveyance Configuration Data

Table with 11 columns: Run#, Node I.D., Flowline Elev. (US, DS), Shape #, Span (ft), Rise (ft), Length (ft), Slope (%), n\_value. Row 4: 0-6, OUT, 442.74, 441.25, Circ I, 0.00, 1.50, 135.00, 1.10, 0.013

Conveyance Hydraulic Computations. Tailwater = 445.630 (ft)

Table with 11 columns: Run#, US Elev (ft), DS Elev (ft), Fr. Slope (%), Unif. Depth (ft), Actual Depth (ft), Unif. Velocity (f/s), Actual Velocity (f/s), Q (cfs), Cap (cfs), Loss (ft). Row 4\* includes END and Super critical flow.

PROJECT NAME : LINE 02  
JOB NUMBER :  
PROJECT DESCRIPTION :  
DESIGN FREQUENCY : 100 Years  
MEASUREMENT UNITS: ENGLISH  
OUTPUT FOR DESIGN FREQUENCY of: 100 Years

Runoff Computation for Design Frequency.

Table with 8 columns: ID, C Value, Area (acre), Tc (min), Tc Used (min), Intensity (in/hr), Supply Q (cfs), Total Q (cfs). Row 0-2: 0.9, 0.55, 10.00, 10.00, 9.80, 0.000, 4.817

Cumulative Junction Discharge Computations

Table with 10 columns: Node I.D., Node Type, Weighted C-Value, Cumulat. Dr. Area (acres), Cumulat. Tc (min), Intensity (in/hr), User Supply Q (cfs), Additional Q In Node (cfs), Total Disch. (cfs). Rows for 0-2 and OUT nodes.

Conveyance Configuration Data

Table with 11 columns: Run#, Node I.D., Flowline Elev. (US, DS), Shape #, Span (ft), Rise (ft), Length (ft), Slope (%), n\_value. Row 6: 0-2, OUT, 442.98, 441.00, Circ I, 0.00, 1.50, 132.00, 1.50, 0.013

Conveyance Hydraulic Computations. Tailwater = 445.630 (ft)

Table with 11 columns: Run#, US Elev (ft), DS Elev (ft), Fr. Slope (%), Unif. Depth (ft), Actual Depth (ft), Unif. Velocity (f/s), Actual Velocity (f/s), Q (cfs), Cap (cfs), Loss (ft). Row 6\* includes END and Super critical flow.

\* Super critical flow.

PROJECT NAME : LINE 07  
JOB NUMBER :  
PROJECT DESCRIPTION :  
DESIGN FREQUENCY : 100 Years  
MEASUREMENT UNITS: ENGLISH  
OUTPUT FOR DESIGN FREQUENCY of: 100 Years

Runoff Computation for Design Frequency.

Table with 8 columns: ID, C Value, Area (acre), Tc (min), Tc Used (min), Intensity (in/hr), Supply Q (cfs), Total Q (cfs). Row 0-7: 0.9, 0.50, 10.00, 10.00, 9.80, 0.000, 4.376

Cumulative Junction Discharge Computations

Table with 10 columns: Node I.D., Node Type, Weighted C-Value, Cumulat. Dr. Area (acres), Cumulat. Tc (min), Intensity (in/hr), User Supply Q (cfs), Additional Q In Node (cfs), Total Disch. (cfs). Rows for 0-7, bend3, bend4, and OUT nodes.

Conveyance Configuration Data

Table with 11 columns: Run#, Node I.D., Flowline Elev. (US, DS), Shape #, Span (ft), Rise (ft), Length (ft), Slope (%), n\_value. Row 1: 0-7, bend3, 446.20, 446.07, Circ I, 0.00, 1.50, 11.65, 1.12, 0.013

Conveyance Hydraulic Computations. Tailwater = 445.630 (ft)

Table with 11 columns: Run#, US Elev (ft), DS Elev (ft), Fr. Slope (%), Unif. Depth (ft), Actual Depth (ft), Unif. Velocity (f/s), Actual Velocity (f/s), Q (cfs), Cap (cfs), Loss (ft). Rows for 1\*, 2\*, and 3\*.

\* Super critical flow.

RECORD DRAWING

This drawing is a compilation of the original sealed engineering drawing and modifications by addenda, change orders and information furnished by the contractor. Information shown that was provided by the contractor and others not associated with the design engineer cannot be verified for accuracy or completeness. Original sealed drawing is on file at the office of AECOM USA Group, Inc., TBPE REG. NO. F-3082

ORIGINAL DRAWING SEALED & SIGNED BY

T.H. Gaertner, P.E.  
TX NO. 37124

Table with 4 columns: NO., REVISION, DATE, and content. Includes City of Rockwall, Texas logo, project name '205 BYPASS PHASE 6', 'HYDRAULIC DATA SYSTEM O STORM DRAINS', and TCB AECOM logo.