NOTE: GREEN STORMWATER INFRASTRUCTURE TECHNIQUES APPLIED AS A PART OF FULL OR PARTIAL STREET IMPROVEMENTS ARE GENERALLY REFERRED TO AS NATURAL DRAINAGE SYSTEMS (NDS).

IS THE RIGHT-OF-WAY WIDTH 56-FOOT MINIMUM WIDTH?

NO

NDS FULL STREET CONCEPT NOT APPROVED AT THIS TIME. CONSIDER GREEN INFRASTRUCTURE FOR SIDEWALK DRAINAGE ONLY.

YES

IS THE PROJECT WITHIN A CREEK BASIN, CAPACITY CONSTRAINED STORM SEWER SYSTEM BASIN, OR A COMBINED SYSTEM BASIN WITH COMBINED SEWER OVERFLOW (CSO)?

NO

FLOW CONTROL NOT REQUIRED IN THIS BASIN. CONSIDER GREEN INFRASTRUCTURE FOR WATER QUALITY TREATMENT OR SIDEWALK DRAINAGE ONLY.

YES

IS THE PROJECT LOCATED ON A RESIDENTIAL OR COLLECTOR STREET?

NO

NDS FULL STREET CONCEPT NOT APPROVED AT THIS TIME. CONSIDER GREEN INFRASTRUCTURE FOR SIDEWALK DRAINAGE ONLY.

YES

IS THE LAND USE IN THE AREA PREDOMINANTLY SFR OR LOW RISE?

NO

NDS MAY BE FEASIBLE IF PROJECT SCHEDULE CAN ALLOW ADEQUATE TIME TO DEVELOP DESIGN WITH CITY. OTHERWISE, CONSIDER GREEN INFRASTRUCTURE FOR SIDEWALK DRAINAGE ONLY.

YES

NDS ENCOURAGED, EVALUATE TO MAXIMUM EXTENT PRACTICABLE IS THERE CURRENTLY INFORMAL DRAINAGE?

NO

CONCEPTUAL DESIGN GUIDANCE IS AVAILABLE. REFER TO DETAIL IN ROWIM
  • NDS STREET CROSS SECTION WITH CURB AND GUTTER.

YES

CONCEPTUAL DESIGN GUIDANCE IS AVAILABLE. REFER TO DETAIL IN ROWIM
  • NDS STREET CROSS SECTION WITH FLUSH CURB, CURVILINEAR
  • NDS STREET CROSS SECTION WITH FLUSH CURB, OFFSET

FIGURE 6-10

NATURAL DRAINAGE SYSTEM DETAIL
EVALUATION OF NDS FULL STREET CONCEPT AS A PART OF FULL STREET IMPROVEMENTS

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