

**SUGGESTED MAINTENANCE OF TEMPORARY DRAINAGE DURING CONSTRUCTION**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. THE CONTRACT INCLUDES PAY ITEMS FOR VARIOUS TEMPORARY DRAINAGE ITEMS AND CONNECTIONS. THE FOLLOWING REPRESENTS THE SUGGESTED METHOD FOR MAINTAINING DRAINAGE WHILE CONSTRUCTING THE PROPOSED IMPROVEMENTS IN ACCORDANCE WITH THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND CONSTRUCTION STAGING.

**PRE-STAGE**

CONSTRUCT PROPOSED MAINLINE STORM SEWER WITHIN THE FOLLOWING LIMITS.

- STATION 289+50 TO STATION 301+90, RIGHT  
-INCLUDING LATERAL AT 300+78
- STATION 329+35 TO STATION 332+90, RIGHT  
-INCLUDING LATERALS AT 329+30 & 329+89.7 (TO STRUCTURE 511A)
- STATION 344+50  
-INCLUDING STRUCTURES 413, 412, 407, 404 & 402
- STATION 347+00 TO STATION 363+65, LEFT  
-INCLUDING LATERAL AT 361+01
- STATION 359+88.2 TO STATION 361+01, RIGHT
- STATION 366+90 TO STATION 378+80, LEFT  
-INCLUDING LATERALS TO STRUCTURES 105, 108, & 118
- STATION 14+05 TO 17+90.2, LEFT  
-INCLUDING LATERALS AT 14+00, 15+80, & 17+50.8 (TO STRUCTURE 218)
- CULVERT 9 (STA 332+97)
- CULVERT 12 (STA 323+31)
- CULVERT 13 (STA 309+42.4 TO 310+00)

STRUCTURES ON LATERALS TO BE CONSTRUCTED IN THE PRE-STAGE SHALL BE CONSTRUCTED AT TEMPORARY ELEVATIONS AS NECESSARY FOR POSITIVE DRAINAGE WITHIN THE PRE-STAGE. STRUCTURES ON LATERALS NOT BEING USED FOR DRAINAGE WITHIN THE PRE-STAGE MAY BE CAPPED BELOW THE RIM AS NECESSARY FOR EASE OF CONSTRUCTION DURING LATER STAGES. CONSTRUCTION OF THESE STRUCTURES TO BE COMPLETED IN THE APPROPRIATE STAGE.

ANY PROPOSED STRUCTURE CONSTRUCTED AT A TEMPORARY ELEVATION OR ACROSS SEVERAL STAGES SHALL ONLY BE PAID FOR ONCE. THIS COST SHALL BE INCLUDED IN THE INITIAL COST OF THE STRUCTURE.

THE FOLLOWING TEMPORARY DRAINAGE ELEMENTS SHALL BE CONSTRUCTED; TEMPORARY AND EXISTING DRAINAGE STRUCTURES SHALL BE CONNECTED TO THE PROPOSED STORM SEWER CONSTRUCTED IN THE PRE-STAGE, THE EXISTING STORM SEWER TO REMAIN, OR OUTLET TO A DITCH PER PROPOSED DRAINAGE PLANS.

**TEMPORARY CURB AND GUTTER** (COMBINATION CURB AND GUTTER B-6.06, SPECIAL)

- STATION 288+75.4 TO STATION 290+45.5
- STATION 354+53.1 TO STATION 354+03.7
- STATION 354+86.4 TO STATION 363+70.0
- STATION 367+63.4 TO STATION 373+00.0

**TEMPORARY CATCH BASINS** (CATCH BASINS TYPE A, 4' DIAMETER, TYPE 8 GRATE)

- STATION 354+07.1, 56.4' LT

**TEMPORARY INLET** (INLETS TYPE A, 2' DIAMETER, TYPE 8 GRATE)

- STATION 323+26.4, 60.8' LT
- STATION 328+50.0, 57.8' LT
- STATION 360+50.0, 55.0' LT
- STATION 366+90.0, 61.3' LT
- STATION 369+40.0, 55.0' LT

**EXISTING DRAINAGE STRUCTURES**

THE FOLLOWING EXISTING DRAINAGE STRUCTURES ARE TO BE CONNECTED TO THE PROPOSED MAINLINE STORM SEWER CONSTRUCTED IN THE PRE-STAGE.

- STATION 301+21.7, 54.4' LT
- STATION 361+13.7, 55.1' RT

THE EXISTING STORM SEWER SYSTEM SHALL BE REMOVED WHEN NECESSARY TO BUILD THE ABOVE SPECIFIED PROPOSED STORM SEWER SYSTEM PRE-STAGE IMPROVEMENTS. THE REMAINING EXISTING STORM SEWER SHALL BE MAINTAINED THROUGH THE DURATION OF THE PRE-STAGE.

**STAGE I**

CONSTRUCT ALL DRAINAGE STRUCTURES, AND APPROPRIATE LENGTHS OF LATERALS, PER THE PROPOSED DRAINAGE PLANS WITHIN THE LIMITS OF STAGE I.

THE MAINLINE STORM SEWER AT THE FOLLOWING LOCATIONS SHALL BE CONSTRUCTED.

- STATION 347+00

THE LATERALS AT THE FOLLOWING LOCATIONS SHALL BE CONSTRUCTED TO THEIR ENDPOINT.

- STATION 347+00
- STATION 349+50
- STATION 352+00
- STATION 353+50
- STATION 356+40
- STATION 358+36
- STATION 359+87.7
- STATION 361+80
- STATION 363+70
- STATION 366+90
- STATION 369+40
- STATION 371+90
- STATION 374+40
- STATION 376+30
- STATION 378+65

THE CULVERTS AT THE FOLLOWING LOCATIONS SHALL BE CONSTRUCTED.

- CULVERT 15, STATION 306+04.2

STRUCTURES ON LATERALS NOT BEING USED FOR DRAINAGE WITHIN THE STAGE I MAY BE CAPPED BELOW THE RIM AS NECESSARY FOR EASE OF CONSTRUCTION DURING LATER STAGES. CONSTRUCTION OF THESE STRUCTURES TO BE COMPLETED IN THE APPROPRIATE STAGE.

ANY PROPOSED STRUCTURE CONSTRUCTED AT A TEMPORARY ELEVATION OR ACROSS SEVERAL STAGES SHALL ONLY BE PAID FOR ONCE. THIS COST SHALL BE INCLUDED IN THE INITIAL COST OF THE STRUCTURE.

REMOVE EXISTING DRAINAGE STRUCTURES WITHIN STAGE I LIMITS AS SPECIFIED ON THE EXISTING DRAINAGE PLANS.

**STAGE II**

CONSTRUCT ALL DRAINAGE STRUCTURES, AND APPROPRIATE LENGTHS OF LATERALS, PER THE PROPOSED DRAINAGE PLANS.

REMOVE EXISTING DRAINAGE STRUCTURES WITHIN STAGE II LIMITS AS SPECIFIED ON THE EXISTING DRAINAGE PLANS.

**STAGE III**

CONSTRUCT ALL DRAINAGE STRUCTURES, AND APPROPRIATE LENGTHS OF LATERALS, PER THE PROPOSED DRAINAGE PLANS.

REMOVE EXISTING DRAINAGE STRUCTURES WITHIN STAGE III LIMITS AS SPECIFIED ON THE EXISTING DRAINAGE PLANS.

**STAGE A**

CONSTRUCT ALL DRAINAGE STRUCTURES, AND APPROPRIATE LENGTHS OF LATERALS, PER THE PROPOSED DRAINAGE PLANS.

REMOVE EXISTING DRAINAGE STRUCTURES WITHIN STAGE A LIMITS AS SPECIFIED ON THE EXISTING DRAINAGE PLANS.

**STAGE B**

CONSTRUCT ALL DRAINAGE STRUCTURES, AND APPROPRIATE LENGTHS OF LATERALS, PER THE PROPOSED DRAINAGE PLANS.

REMOVE EXISTING DRAINAGE STRUCTURES WITHIN STAGE B LIMITS AS SPECIFIED ON THE EXISTING DRAINAGE PLANS.

**STAGE C**

CONSTRUCT ALL DRAINAGE STRUCTURES, AND APPROPRIATE LENGTHS OF LATERALS, PER THE PROPOSED DRAINAGE PLANS.

REMOVE EXISTING DRAINAGE STRUCTURES WITHIN STAGE C LIMITS AS SPECIFIED ON THE EXISTING DRAINAGE PLANS.

**NOTE:**  
ANY TEMPORARY CONNECTIONS AND DISCONNECTION BETWEEN EXISTING SEWER MAIN, PROPOSED SEWER MAIN, TEMPORARY CATCH BASINS, AND/OR TEMPORARY INLETS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PIPE CULVERT, CLASS A, TYPE 1, 12" (TEMPORARY).



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