

SOUTHEAST METRO STORMWATER AUTHORITY  
acting by and through  
SEMSWA WATER ACTIVITY ENTERPRISE

RESOLUTION 18-29

Authorization for the Funding of the 2018 Cured in Place Pipe Installation Program

WHEREAS, field inspections of the existing corrugated metal pipe culverts at 15 separate locations in the SEMSWA service area have indicated that the pipes at these locations have severely deteriorated; and

WHEREAS, continued deterioration and failure of the pipes would have a significant adverse impact on the safety and welfare of the general public; and

WHEREAS, SEMSWA's staff has determined that the most cost-effective approach to correcting these deficient culverts are to rehabilitate them using various cured in place pipe (CIPP) processes; and

WHEREAS, SEMSWA staff has completed the rehabilitation design and the bidding process for the 2018 Cured in Place Pipe Installation Program (Project), which provides for the installation of CIPP in the existing metal pipes at the 14 locations identified, and the lowest responsible bidder has been selected; and

WHEREAS, the selected bid for the construction of the Project is \$1,058,933.00 submitted by Granite Inliner LLC; and

WHEREAS, it is typical to budget the construction bid amount plus an additional ten (10) percent to cover contingencies that may be encountered during construction; and

WHEREAS, the total construction cost of the Project; including a ten (10) percent contingency and miscellaneous costs is \$1,164,826.30; and

WHEREAS, SEMSWA had adopted a budget for calendar year 2018 subsequent to public hearing, which includes funds for construction of the Project.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The Executive Director is authorized to enter into a contract in the amount of \$1,058,933.00 with Granite Inliner LLC on behalf of SEMSWA for the construction of the Project.
2. The funding for the construction of the Project is limited to \$1,164,826.30 without prior approval of the Board.

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Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairperson

APPROVED AS TO FORM:  
Attorney for  
Southeast Metro Stormwater Authority

By \_\_\_\_\_  
Edward J. Krisor

**UTILITY CONTACTS:**

**CHERRY CREEK VALLEY WATER AND SANITATION DISTRICT**

303-755-4474  
2325 S. WABASH CR.  
DENVER, CO 80231

**INVERNESS WATER & SANITATION DISTRICT**

303-649-9857  
2 INVERNESS DR. EAST #200  
ENGLEWOOD CO 80111

**PLATTE CANYON WATER AND SANITATION DISTRICT**

303-979-2333  
8739 W. COAL MINE AVE.  
LITTLETON, CO 80123

**SOUTH ARAPAHOE SANITATION DISTRICT**

KENNEDY / JENKS CONSULTANTS  
JODI VILLA, P.E.  
303-649-9857  
2 INVERNESS DR. EAST #200  
ENGLEWOOD CO 80111

**SOUTHEAST ENGLEWOOD WATER DISTRICT**

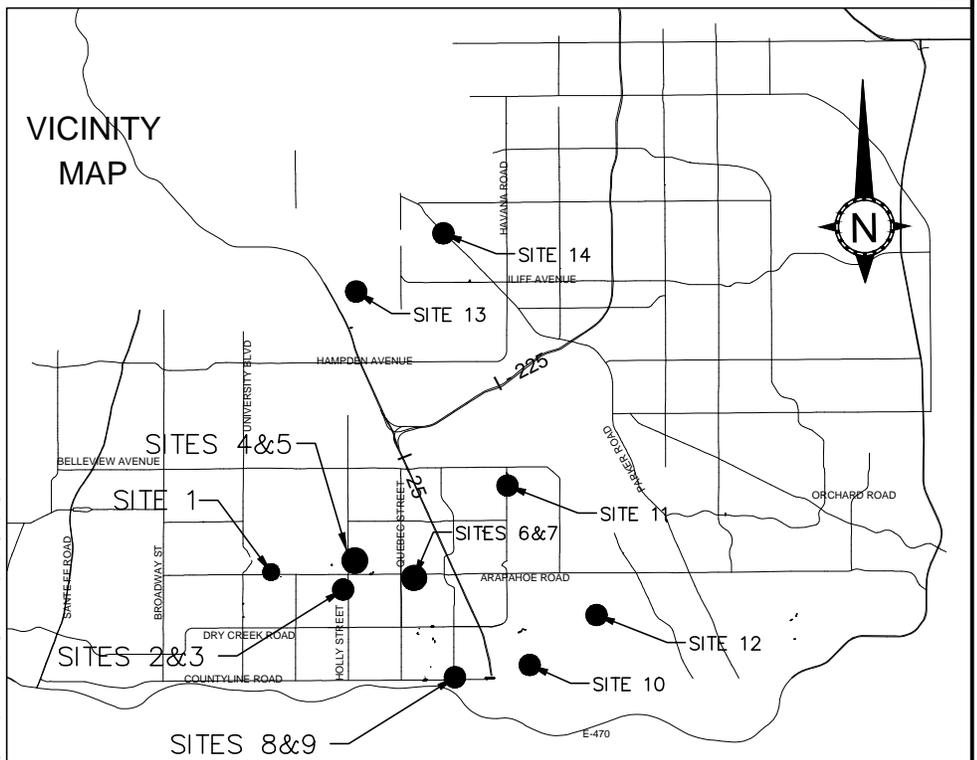
303-986-1551 ext. 124

**SOUTH ENGLEWOOD SANITATION DISTRICT NO. 1**

303-797-6200

**WILLOWS WATER DISTRICT**

303-770-8625  
6930 S. HOLLY CIRCLE  
CENTENNIAL, CO 80112



**NOTES:**

1. CONTRACTOR SHALL UTILIZE APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) DURING THE CLEANING OF THE STORM SEWERS TO ENSURE THAT ALL DEBRIS IS CAPTURED AND CONTAINED. DEBRIS SHALL BE COLLECTED AND DISPOSED OF AT AN APPROVED DUMP SITE.
2. NO WATER USED IN EITHER THE INVERSION OR CURING OF THE CIPP (PROCESS WATER) SHALL BE RELEASED INTO THE DRAINAGE WAY. ALL PROCESS WATER MUST BE ROUTED AND RELEASED INTO A SANITARY SEWER LINE, AND COORDINATED WITH THE APPROPRIATE SANITARY SEWER SANITATION DISTRICT.
3. EXCEPT WHERE OTHERWISE PROVIDED FOR IN THESE PLANS AND SPECIFICATIONS, ALL ROADWAY CONSTRUCTION SHALL CONFORM TO THE GOVERNING JURISDICTION'S ROW STANDARDS.
4. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE OWNER. THE OWNER RESERVES THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
5. THE CONTRACTOR SHALL NOTIFY THE OWNER A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
6. THE CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS OR SPECIFICATIONS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER. THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.
7. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COORDINATING ALL REQUIRED ROW PERMITS. A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED BY THE CONTRACTOR TO THE APPROPRIATE AGENCY (CITY, COUNTY OR CDOT) FOR APPROVAL WITH THE PERMIT APPLICATION. A STREET CLOSURE OR PUBLIC IMPROVEMENTS CONSTRUCTION PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION.
8. ALL WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL APPLICABLE LAWS AND REGULATIONS.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF ALL PERSONNEL, ALL SITE VISITORS, AND THE GENERAL PUBLIC WHO MAY BE AFFECTED BY THE CONSTRUCTION.
10. CONTRACTOR SHALL STAY WITHIN PUBLIC RIGHT OF WAY AND THE LIMITS DESIGNATED ON THE PLANS AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE IMPROVEMENTS AND/OR PUBLIC AND PRIVATE PROPERTY AND LANDSCAPING CAUSED BY CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER CONDITIONS.
11. THE CONTRACTOR SHALL REMOVE ALL DEBRIS RESULTING FROM WORK UNDER THIS CONTRACT TO AN APPROVED DUMP SITE.

Site Notes			
Site 1 - East Arapahoe Road & Federal Ave			
Age of Material	Function	Depth (ft)	Notes
F #0189227 CMP	198	6	Pipe severely deteriorated
F #0181187 CMP	51	6	Partial repair at 52'
Site 2 - Arapahoe Way & County Line			
F #0121747 CMP	221	6	No lining issues noted
Site 3 - S Holly St			
F #012822527 ARCTIC CMP	129	1	Treat as partially deteriorated
F #012822526 ARCTIC CMP	129	1	Treat as partially deteriorated. Partial Repair at 10' & 42'
Site 4 - E Weaver Ave & Holly St			
F #011602177 CMP	172	6	No lining issues noted
F #011613677 CMP	588	6	No lining issues noted
Site 5 - S Kitchie Ave			
F #011581877 CMP	12	5	No lining issues noted
F #011592117 CMP	14	6	No lining issues noted
Site 6 - Arapahoe Rd			
F #012822527 CMP	51	-	Utility located. No lining issues noted at 52'
F #012822526 CMP	222	-	Cracks noted. No lining issues noted
Site 7 - Federal Ave & Quebec St			
F #01627673577 CMP	228	-	Partially deteriorated
Site 8 - Yosemite & County Line			
F #011611877 CMP	31	6	Minor cracks
F #011611877 CMP	41	6	No lining issues noted
F #011611877 CMP	12	-	Minor partial repair at 12'
Site 9 - 12th near County Line Road			
C #009792177 CMP	191	8	Access partially removed
C #009892177 CMP	54	8	Formal access restoration
C #009892177 CMP	47	5	-
F #010671877 CMP	71	-	Location unknown
Site 10 - County Line west of Yosemite			
F #012822527	110	14	-
Site 11 - Yosemite & Federal			
F #012822527 CMP	41	5	Treat as partially deteriorated
Site 12 - Yosemite & Federal			
F #011611877 CMP	126	6	Bottom deteriorated. Lining issues noted
Site 13 - Federal St			
F #012822527 CMP	25	3	No lining issues noted
Site 14 - S Taylor St			
F #011611877 CMP	125	6	Minor deterioration. Lining issues noted
Site 15 - S Parker Rd			
F #012182177 CMP	22	5	-
F #012182177 CMP	24	6	Lining issues noted at 15'

**OWNER:**

SOUTHEAST METRO STORMWATER AUTHORITY

JON NELSON II, P.E.  
CIP Project Manager  
76 INVERNESS DR. EAST  
ENGLEWOOD CO 80112

303-967-0245

UTILITY NOTIFICATION CENTER  
OF COLORADO  
CALL BEFORE YOU DIG  
**811**  
Call 2 days prior to any digging, grading or  
excavating for the marking of underground  
member utilities

**2018 CIPP PROGRAM**  
PROJECT No. CPR18-00001



**SHEET**  
**1 OF 17**