



# Florida Department of TRANSPORTATION

## Office of Inspector General

Robert E. Clift, Inspector General

A handwritten signature in blue ink, reading "Robert E. Clift", is positioned to the right of the printed name.

Advisory Report No. 15P-1003

August 29, 2016

District Maintenance Contracts – Pipe Desilting and Video Inspection Monitoring

### What We Did

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The Office of Inspector General (OIG) performed a review of the Department of Transportation's (department) district maintenance contracts to evaluate the procedures, processes, and controls for video inspection, pipe desilting, cleaning, debris removal, and repair.

### What We Found

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We determined:

- Video inspection footage did not reconcile back to the invoices and work documents;
- Payments were made prior to receipt of the deliverables; and
- Actual quantity exceeded the estimated quantity on maintenance work documents by more than 5% and approval was not documented.

We also noted three observations regarding:

- inconsistent monitoring processes for inspection and storage of video files;
- overestimated quantities;
- tracking of payment packets; and
- segregation of duties.

### What We Recommend

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**We recommend** the Director of the Office of Maintenance:

- review the adequacy and usefulness of contractors providing all video inspections, even those that do not identify pipe defects;
- ensure future maintenance contracts include consistent contract specifications language regarding video inspection;
- ensure staff responsible for monitoring contracts, which include video inspection, receive appropriate training;
- ensure the districts review and reconcile submitted invoices to the work documents and video inspections prior to payment to ensure accurate payments for services;
- ensure deliverables are received prior to payment;

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- ensure the districts maintain all video inspections, if a deliverable, in accordance with the records retention procedure; and
- ensure the districts comply with procedure requirements regarding documenting approval for actual work exceeding 5% of the estimated quantities prior to payment of the invoice.

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## **BACKGROUND AND INTRODUCTION**

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The OIG initiated this review as a result of allegations received by District One of incomplete work, intentional pipe damage, and improper billing for pipe desilting and repairs by a contractor in 2012. OIG Investigators observed what they believed to be inefficient monitoring of the contractor's performance and ineffective validation of work performed on contractor invoices. As a result of the investigation, the OIG initiated a review, at the request of the Inspector General, during fiscal year (FY) 2014-2015 and the project was carried forward to the FY 2015-2016 annual audit plan.

The department spent \$3.8 million on maintenance contracts for video inspection, pipe desilting, cleaning, debris removal, and repair within the district maintenance offices (maintenance contracts) during fiscal year (FY) 2013-2014 and \$2.7 million during FY 2014-2015. As of February 5, 2015, there were 32 active maintenance contracts for the seven districts and Florida's Turnpike Enterprise (TPE). All 32 included desilting in the scope of services and 20 included video inspection.

### **What is Pipe Desilting?**

Pipe desilting is performed by maintenance contractors to clear blocked drains, pipes, and storm sewers using a vacuum truck. Hydro jetting is a cleaning process that uses large volumes of water under very high pressure to clean the walls of the drains, pipes, and storm sewers.

### **What is Video Inspection and its Purpose?**

Video inspection is a method used to visually inspect the interior of drains, pipes, and storm sewers and determine their condition. Video inspection is performed for various reasons including identifying defects in order to develop repair contracts.

### **How do the Districts Monitor Pipe Desilting and Video Inspection Contracts?**

Procedure 375-020-002, Maintenance Contract Administration, Inspection, and Reporting outlines the responsibilities of the Inspector, Contract Coordinator, and Maintenance Manager/Contracts regarding the administration, inspection, and reporting of a maintenance contract.

- The Inspector is responsible for field verification of the Contractor's work to review acceptability of performance, and document the maintenance activities performed under the contract.
- The Contract Coordinator is responsible for monitoring the Contractor's performance, verifying that the maintenance activities have been performed as specified in the contract documents, and ensuring that the appropriate procedures for payment processing have been completed as required. The Contract Coordinator shall periodically review the Inspector's methods and conduct quality assurance inspections as needed.

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- The Maintenance Manager/Contracts is responsible for verifying that appropriate contracting procedures are followed, contracts are administered fairly and consistently, and contract reports and records are properly completed.

## **RESULTS OF REVIEW**

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We identified three findings concerning the department's procedures, processes, and controls of maintenance contracts. Additionally, we provided three observations that could improve department monitoring of maintenance contracts.

### **Finding 1 – Contract Deliverables**

**We determined** video inspection footage did not reconcile to the footage on the invoices and work documents. We also identified payment for deliverables prior to receipt of the deliverables.

We reviewed 20 active contracts with video inspection included in the scope and found contract specifications language regarding video inspection is inconsistent. We noted the department Standard Specifications does not identify a method of measurement for video inspection. However, 8 of the 20 (40%) reviewed contracts specified the method of measurement for payment for video inspections. Six contracts identified the quantity to be paid would be the length of pipe the camera physically traveled during the inspection of the location specified on the work orders. Two contracts identified the payment quantity is the number of linear feet of video inspection, including the video narration, written report, and a DVD copy of the video. The remaining 12 contracts did not specify the method of measurement for payment for video inspections.

In order to identify and evaluate the contract monitoring controls and processes used to verify deliverables, we sampled and reviewed 20 work documents and invoices to determine whether the linear feet reflected on the work documents and invoices reconciled with the video file.

The total video inspection footage did not reconcile to 14 of the 20 (65%) invoices and 13 of the 20 (65%) work documents (WDs), allowing for a 5% variable in linear feet. Of the 14 inaccurate invoices:

- 10 included footage exceeding the video inspection;
- 1 reflected footage less than the video inspection; and
- 3 invoices could not be reconciled since the invoice or video inspection was not provided by the district.

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The provided video inspections recorded 22,834.49 fewer feet than the reconciled invoices and work documents, which resulted in an overpayment of \$20,495.57 (See Appendix C). The districts were unable to provide all supporting video footage for paid video inspections to support the invoices and work documents. Of the 13 inaccurate WDs:

- 10 reflected footage exceeding the actual video inspection;
- 1 reflected footage less than the video inspection; and
- 2 work documents could not be reconciled since the video inspections were not provided by the district.

We identified 10 payments for deliverables (video inspections or reports) prior to receipt. Table 1 shows District Three's contract E3M71<sup>1</sup> payments. Highlighted payments correspond to payment prior to receipt of the video inspection and inspection report deliverables.

Table 1: Payments for Deliverables (contract E3M71)

| State Road              | WD       | Corresponding Invoice | Dates of Service from Invoice | Video Inspection Amount from Invoice |
|-------------------------|----------|-----------------------|-------------------------------|--------------------------------------|
| 87                      | 1        | 16062                 | 3/31/14-4/30/14               | \$17,734.00                          |
| 87                      | 2        | 16094                 | 5/1/14-5/31/14                | \$32,378.00                          |
| 87                      | 3        | 16126                 | 6/1/14-6/30/14                | \$10,328.00                          |
| 87                      | 4        | 16152                 | 7/1/14-7/31/14                | \$4,090.00                           |
| 87                      | 5        | 16168                 | 8/1/14-8/31/14                | \$28,796.00                          |
| 87                      | 6        | 16186                 | 9/1/14-9/30/14                | \$7,056.00                           |
| 87                      | 7        | 16253                 | 10/1/14-11/30/14              | \$33,570.00                          |
| 4                       | 8        | 16273                 | 12/1/14-12/31/14              | \$38,484.00                          |
| 4 & 89                  | 9        | 16302                 | 1/1/15-1/31/15                | \$50,898.00                          |
| 89 & 8                  | 10, 10-1 | 16321                 | 2/1/15-3/2/15                 | \$25,118.00                          |
| 8                       | 11       | 16350                 | 3/3/15-4/2/15                 | \$31,016.00                          |
| 8                       | 12       | 16387                 | 4/3/15-6/4/15                 | \$21,334.00                          |
| Total Amount for E432-4 |          |                       |                               | \$300,802.00                         |

District Three confirmed they paid monthly invoices based on the actual quantities from the work documents and not from the video inspections or their corresponding written reports. The contractors did not submit the video inspections or reports to the district until the entire roadway was complete as per the contract. The district processed the final payment after the receipt of the reports and videos.

**We recommend** the Director of Maintenance:

- review the adequacy and usefulness of contractors providing all video inspections, even those that do not identify pipe defects;
- ensure future maintenance contracts include consistent contract specifications language regarding video inspection;
- ensure the districts review and reconcile submitted invoices to the work documents and video inspections prior to payment to ensure accurate

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<sup>1</sup> Contract E3M71 consisted of video pipe inspection in Santa Rosa County.

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- payments for services;
- ensure deliverables are received prior to payment;
  - ensure the districts maintain all video inspections, if a deliverable, in accordance with the records retention procedure; and
  - ensure staff responsible for monitoring contracts, which include video inspection, receive training which covers the items listed above.

## **Finding 2 – Prior Approval of Quantity Adjustments**

**We determined** documentation for approval for quantities that exceeded the estimated quantity by more than 5% did not exist on 66% of the sampled maintenance work documents.

Procedure 375-020-002-k states, “Actual work performed by the Contractor shall not exceed 5% of the estimated quantities on the Work Document without prior approval by the Department. If approval is given, the Contract Coordinator shall document the adjusted quantity.”

We sampled 9 of 21 (43%) work documents issued after the updated Procedure No. 375-020-002-k, effective February 18, 2015, requiring this type of approval. Of the 9 sampled maintenance work documents, 6 (66.67%) did not contain documented approval when actual quantities exceeded estimated quantities by more than 5%.

Table 2: Work Documents

|   | WD #     | Item #    | Work Description                        | Estimated Quantity | Actual Quantity | Change in Quantity |
|---|----------|-----------|---|--------------------|-----------------|--------------------|
| 1 | R2 WD 7  | E425-73-1 | Cleaning Manholes & Inlets (Mechanical) | 7                  | 10              | 42.86%             |
| 2 | R2 WD 8  | 0430-94-1 | Desilting Pipe, 0"-24"                  | 2544               | 2960            | 16.35%             |
|   | R2 WD 8  | E432-4    | Storm Sewer Inspection, Video           | 2731               | 3136            | 14.83%             |
| 3 | R0 WD 9  | 0430-94-3 | Desilting Pipe, 37-48"                  | 0                  | 232.2           | Pay item added     |
|   | R0 WD 9  | E432-4    | Storm Sewer Inspection (video camera)   | 0                  | 236.1           | Pay item added     |
| 4 | R0 WD 10 | 0520-1-10 | Concrete Curb & Gutter, Type F          | 28                 | 38              | 35.71%             |
| 5 | WD 11    | 0432-4    | Storm Water Video Inspection            | 50                 | 54              | 8.00%              |
| 6 | WD 12    | 0430-94-1 | Desilting pipe 0" - 24"                 | 300                | 323             | 7.67%              |
|   | WD 12    | E432-4    | Storm sewer inspection (video camera)   | 300                | 323             | 7.67%              |

This practice could result in payment for unauthorized services, which affects the amounts encumbered for the duration of the contract.

**We recommend** the Director Maintenance ensure the districts comply with procedure requirements regarding documenting approval for actual work exceeding 5% of the estimated quantities prior to payment of the invoice.

### **Observation 1 – Monitoring of Video Inspection and Storage of Video Files**

The districts lack consistency in monitoring processes for inspection and storage of video files.

Best practices observed during our review for maintaining video inspection included:

- use of daily or weekly forms to track video inspection quantities (Districts Two, Three, Four, and Five);
- receipt of working video inspections the day after video inspection is complete (District One);
- requirement in specifications for DVD label to be marked with contract number, state road number, section number, location descriptions, structure numbers, and date of inspection (District Five); and
- requirement for contractor to schedule the video inspection 48 hours in advance (District Five).

We observed inconsistencies in the districts' storage of video inspections. The video inspection DVDs were stored various ways in unlocked and locked file cabinets, desk drawers, on external hard drives, and in boxes in employee offices. The districts were unable to provide all video inspections for our sampled work documents.

Other business units within the districts may need to review the video inspections in order to develop specifications for a repair contract. If the districts do not maintain a log of the location and status of video inspections, this could impede the districts from properly letting a contract for pipe repair.

### **Observation 2 – Overestimated Quantities on Work Documents**

For contract E3M71, managed out of the District Three Milton Operations office, we noted all 13 work documents included an overestimation of quantities from 11.49% to 100%.

We received 13 work documents for contract E3M71 that included 189 line pay items. Of the 189 line items, 183 (97%) contained overestimated quantities ranging from 11.49% to 100%. Of the 183 overestimated line items, 108 (59%) reflected estimates of work and actual work was not performed. Of these 108 line items, 68 (63%) were for locations where work was not performed throughout the work document and 40 (37%) were for locations where work was performed on the work document. In addition, we noted the work documents were incorrectly completed and did not include the work description in the appropriate section. (See Appendix D and Appendix E).

When quantities are overestimated, this provides the contractor an opportunity to falsify actual quantities up to the overestimated quantity amount.



### **Observation 3 – Tracking of Payment Packets**

During our review of invoice processing, we were unable to determine whether the districts sent all payment packets for sampled invoices to the districts' financial services offices within the required five days.

Approval and inspection of goods or services shall take no longer than 5 working days from receipt of goods or services per Rule Chapter 69I-24, Florida Administrative Code.

We judgmentally sampled and reviewed 3 invoices per district for a total of 24 invoices. We verified 18 of 24 (75%) sampled invoice payment packets were sent to the districts' financial services offices within 5 days.

Best practices observed included:

- payment packets submitted with a transmittal log showing the date the packet was sent to the Office of Comptroller (TPE); and
- emails maintained tracking the payment packages to the district financial services office (District Two).

The remaining offices do not keep track of when payment packets are sent to the districts' financial services offices.

### **Observation 4 – Segregation of Duties**

District Two did not have proper segregation of duties for processing invoices. One individual was certifying goods and services were received and also certifying the request for payment.

The Committee of Sponsoring Organizations of the Treadway Commission defines segregation of duties as dividing, or segregating duties, among different people to reduce the risk of error or inappropriate actions.

We judgmentally sampled and reviewed three invoices per district for a total of 24 invoices. Of the seven districts and TPE, District Two did not have proper segregation of duty for certifying the goods and services they receive and authorization for payment. All three of the sampled invoices from District Two included the same staff member as both the project manager and District Maintenance Engineer (DME) designee by signing the invoice twice. This situation exists since the Project Manager was also assigned as the DME designee. Currently, there is not an alternate process in place to assign another individual for approval of payment when dual responsibilities are assigned to one employee.

## APPENDIX A – Purpose, Scope, and Methodology

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Section 20.055, Florida Statutes, requires the OIG to conduct audits, examinations, investigations, and management reviews related to programs and operations of the department. This audit was performed as part of the OIG's mission to promote accountability, integrity, and efficiency for the citizens of Florida by providing objective and timely audit and investigative services.

The **purpose** of this engagement was to identify and evaluate the contract monitoring controls and processes used to verify deliverables in video inspections and pipe desilting maintenance contracts. The engagement also determined if the monitoring of video inspection and pipe desilting is consistent across districts.

The **scope** of the engagement included applicable documents, records, policies, procedures, district desilting and video inspection contracts, and standard specifications during Fiscal Year (FY) 2013-2014 and the first half of FY 2014-2015.

The **methodology** included interviewing appropriate district personnel, site visits, and reviewing:

- applicable statutes, rules, and procedures;
- district desilting and video inspection contracts;
- 2010, 2013, and 2014 FDOT Standard Specifications for Road and Bridge Construction;
- 2012, 2013, 2014, and 2015 FDOT Design Standards; and
- standard operating guides, handbooks, and desktop procedures.

## APPENDIX B – Management Response

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The Director of the Office of Maintenance provided the following response on August 1, 2016:

### Finding 1 – Contract Deliverables

**“We determined** video inspection footage did not reconcile to the footage on the invoices and work documents. We also identified payment for deliverables prior to receipt of the deliverables.

**“We recommend** the Director of Maintenance:

- review the adequacy and usefulness of contractors providing all video inspections, even those that do not identify pipe defects;
- ensure future maintenance contracts include consistent contract specifications language regarding video inspection;
- ensure the districts review and reconcile submitted invoices to the work documents and video inspections prior to payment to ensure accurate payments for services;
- ensure deliverables are received prior to payment;
- ensure the districts maintain all video inspections, if a deliverable, in accordance with the records retention procedure; and
- ensure staff responsible for monitoring contracts, which include video inspection, receive training which covers the items listed above.”

### The Office of Maintenance (OOM) Response:

The OOM concurs with the finding and recommendations. Each recommendation will involve some combination of specification changes, process reviews, procedure changes, form modifications, Quality Assurance Review (QAR) modifications, and training. The OOM will discuss the finding and recommendations during the August 2016, District Maintenance Engineers meeting and during the monthly Maintenance Issues Group (MIG) meetings to determine the best resolutions. As resolutions are determined, the OOM will discuss with all Districts during annual QARs. Resolutions to all recommendations will be accomplished by the end of November 2017.

**Observation 1 – Monitoring of Video Inspection and Storage of Video Files** will be reviewed and improvements implemented using this same process.

### Finding 2 – Prior Approval of Quantity Adjustments

**“We determined** documentation for approval for quantities that exceeded the estimated quantity by more than 5% did not exist on 66% of the sampled maintenance work documents.

**“We recommend** the Director Maintenance ensure the districts comply with procedure requirements regarding documenting approval for actual work exceeding 5% of the estimated quantities prior to payment of the invoice.”

**OOM Response:**

The OOM concurs with the finding and recommendation. The OOM is currently discussing and reviewing the proper estimations of work and the proper handling of modifications with all Districts during annual QARs. This practice will continue and will remain a focus area thru the end of November 2017.

**Observation 2 – Overestimated Quantities on Work Documents** will be discussed and reviewed using this same process.

**Observation 3 – Tracking of Payment Packets**

“During our review of invoice processing, we were unable to determine whether the districts sent all payment packets for sampled invoices to the districts’ financial services offices within the required five days.”

**OOM Response:**

The OOM will discuss the observation during the August 2016, District Maintenance Engineers meeting.

**Observation 4 – Segregation of Duties**

“District Two did not have proper segregation of duties (SOD) for processing invoices. One individual was certifying goods and services were received and also certifying the request for payment.”

**OOM Response:**

The OOM will discuss the observation during the August 2016, District Maintenance Engineers meeting.

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**APPENDIX C – Comparison of Video Footage to Invoices and Work Documents**

In order to identify and evaluate the contract monitoring controls and processes used to verify deliverables, we sampled seven work document driven contracts from Districts One, Two, Three, Four, Six, Seven, and TPE, which contained 127 work documents. Of the 127 work documents, 73 included video inspection as a line item. Of the 73 work documents, we sampled and reviewed 20 work documents and invoices to determine whether the linear feet reflected on the work documents and invoices reconciled with the video file. The District Five contract selected for review was a site-specific contract and was not work document driven. We selected three invoices to determine whether linear feet present on the invoice reconciled with the DVD information.

| District  | Work Document (WD) # | Video Footage | Invoice Information | WD Information | Difference b/t Video and Invoice | Difference b/t Video and WD | Video Footage Reconcile with Invoice (Allowing 5% Variable) | Video Footage Reconcile with WD (Allowing 5% Variable) |
|---|----------------------|---------------|---------------------|----------------|----------------------------------|-----------------------------|---|--|
| 1   | R2 WD 4              | 1,644.50      | 1,872.00            | 1,872.00       | (227.50)                         | (227.50)                    | No  | No   |
| 1   | R2 WD 7              | 889.10        | 906.00              | 906.00         | (16.90)                          | (16.90)                     | Yes   | Yes  |
| 1   | R3 WD 8              | 3,044.70      | 3,136.00            | 3,136.00       | (91.30)                          | (91.30)                     | No  | No   |
| 2   | WD 2                 | 1,109.70      | 1,447.00            | 1,447.00       | (337.30)                         | (337.30)                    | No  | No   |
| 2   | WD4                  | 726.70        | 726.70              | 726.70         | -                                | -                           | Yes   | Yes  |
| 2   | WD 9                 | 231.30        | 236.10              | 236.10         | (4.80)                           | (4.80)                      | Yes   | Yes  |
| 3   | WD 4                 | 1,834.20      | 2,045.00            | 2,045.00       | (210.80)                         | (210.80)                    | No  | No   |
| 3   | WD 7                 | 11,285.70     | 16,785.00           | 16,785.00      | (5,499.30)                       | (5,499.30)                  | No  | No   |
| 3   | WD 10                | 3,491.00      | 2,635.00            | 2,635.00       | 856.00                           | 856.00                      | No  | No   |
| 4   | R0 WD 4              | 208.40        | 4,970.40            | 4,970.00       | (4,762.00)                       | (4,761.60)                  | No  | No   |
| 4   | R1 WD 1              | 345.00        | 6,599.40            | 6,599.40       | (6,254.40)                       | (6,254.40)                  | No  | No   |
| 4   | R1 WD 3              | 137.60        | 5,888.20            | 5,888.20       | (5,750.60)                       | (5,750.60)                  | No  | No   |
| 6   | R0 WD 2              | 32.90         | 55.00               | 55.00          | (22.10)                          | (22.10)                     | No  | No   |
| 6   | R0 WD 10             | 426.60        | 447.00              | 447.00         | (20.40)                          | (20.40)                     | Yes   | Yes  |
| 6   | R1 WD 4              | 42.80         | 43.00               | 43.00          | (0.20)                           | (0.20)                      | Yes   | Yes  |
| 7   | WD 11                | 54.50         | 54.00               | 54.00          | 0.50                             | 0.50                        | Yes   | Yes  |
| 7   | WD 12                | Not provided  | 377.00              | 323.00         | No reconciliation                | No reconciliation           | No  | No   |
| 7   | WD 6-24-15           | 1,531.50      | Not provided        | 1,531.30       | No reconciliation                | 0.20                        | No  | Yes  |
| TPE   | R0 WD 8              | Not provided  | 346.00              | 346.00         | No reconciliation                | No reconciliation           | No  | No   |
| TPE   | R1 WD 5              | 84.81         | 620.00              | 620.00         | (535.19)                         | (535.19)                    | No  | No   |
| <b>Total (excluding those within the 5% variable)</b> |                      | 27,121.01     | 49,188.80           | 50,665.70      | (22,834.49)                      | (22,834.09)                 | <b>20</b>   | <b>20</b>  |
| YES   |                      |               |                     |                |                                  |                             | 6   | 7  |
| NO  |                      |               |                     |                |                                  |                             | 14  | 13   |

  

| District     | Invoice # | Video Footage | Invoice Footage | Difference b/t Video and Invoice | Video Footage Reconcile with Invoice (Allowing 5% Variable) |
|--------------|-----------|---------------|-----------------|----------------------------------|---|
| 5            | 3356      | 4,005.40      | 3,990.70        | 14.70                            | Yes   |
| 5            | 3411      | 2,116.20      | 2,117.90        | (1.70)                           | Yes   |
| 5            | 3427      | 3,039.90      | 3,039.90        | -                                | Yes   |
| <b>Total</b> | <b>3</b>  | 9,161.50      | 9,148.50        | 13.00                            | <b>3</b>  |
| YES          |           |               |                 |                                  | 3   |
| NO           |           |               |                 |                                  | 0   |

\*Numbers in green were within the allowable 5% variable.

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**APPENDIX D – Overestimated Quantities**

We received 13 work documents for contract E3M71 that included 189 line pay items. Of the 189 line items, 183 (97%) contained overestimated quantities ranging from 11.49% to 100%. Of the 183 overestimated line items, 108 (59%) reflected estimates of work and actual work was not performed. Of these 108 line items, 68 (63%) were for locations where work was not performed throughout the work document (orange rows) and 40 (37%) were for locations where work was performed on the work document (purple rows).

| WD # | Item #    | Work Description                   | Work Location | Estimated Quantity | Actual Quantity | Change in Quantity |
|------|-----------|------------------------------------|---------------|--------------------|-----------------|--------------------|
| WD 1 | 0430-94-2 | Desilting Pipe 25-36"              | SR-87         | 20,000             | 1,504           | -92.48%            |
| WD 1 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87         | 20,000             | 2,996           | -85.02%            |
| WD 1 | E432-4    | Storm Sewer Inspection Video       | SR-87         | 50,000             | 8,867           | -82.27%            |
| WD 1 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87         | 200                | 63              | -68.50%            |
| WD 1 | 0430-94-3 | Desilting Pipe 37-48"              | SR-87         | 1,100              | 2,054           | 86.73%             |
| WD 1 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87         | 1,000              | 2,313           | 131.30%            |
| WD 1 | 0430950   | Desilting Concrete Box Culvert     | SR-87         | 100                | 0               | -100.00%           |
| WD 1 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-87         | 200                | 0               | -100.00%           |
| WD 1 | 0430-94-1 | Desilting Pipe 0-24"               | SR-89         | 20,000             | 0               | -100.00%           |
| WD 1 | 0430-94-2 | Desilting Pipe 25-36"              | SR-89         | 20,000             | 0               | -100.00%           |
| WD 1 | 0430-94-3 | Desilting Pipe 37-48"              | SR-89         | 1,100              | 0               | -100.00%           |
| WD 1 | 0430-94-4 | Desilting Pipe 49-60"              | SR-89         | 1,000              | 0               | -100.00%           |
| WD 1 | 0430950   | Desilting Concrete Box Culvert     | SR-89         | 100                | 0               | -100.00%           |
| WD 1 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-89         | 200                | 0               | -100.00%           |
| WD 1 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-89         | 200                | 0               | -100.00%           |
| WD 1 | E432-4    | Storm Sewer Inspection Video       | SR-89         | 50,000             | 0               | -100.00%           |
| WD 2 | 0430-94-2 | Desilting Pipe 25-36"              | SR-87         | 20,000             | 4,167           | -79.17%            |
| WD 2 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87         | 20,000             | 4,728           | -76.36%            |
| WD 2 | E432-4    | Storm Sewer Inspection Video       | SR-87         | 50,000             | 16,189          | -67.62%            |
| WD 2 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87         | 200                | 88              | -56.00%            |
| WD 2 | 0430-94-3 | Desilting Pipe 37-48"              | SR-87         | 1,100              | 3,522           | 220.18%            |
| WD 2 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87         | 1,000              | 3,772           | 277.20%            |
| WD 2 | 0430950   | Desilting Concrete Box Culvert     | SR-87         | 100                | 0               | -100.00%           |
| WD 2 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-87         | 200                | 0               | -100.00%           |
| WD 2 | 0430-94-1 | Desilting Pipe 0-24"               | SR-89         | 20,000             | 0               | -100.00%           |
| WD 2 | 0430-94-2 | Desilting Pipe 25-36"              | SR-89         | 20,000             | 0               | -100.00%           |
| WD 2 | 0430-94-3 | Desilting Pipe 37-48"              | SR-89         | 1,100              | 0               | -100.00%           |
| WD 2 | 0430-94-4 | Desilting Pipe 49-60"              | SR-89         | 1,000              | 0               | -100.00%           |
| WD 2 | 0430950   | Desilting Concrete Box Culvert     | SR-89         | 100                | 0               | -100.00%           |

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|      |           |                                    |       |        |       |          |
|------|-----------|------------------------------------|-------|--------|-------|----------|
| WD 2 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-89 | 200    | 0     | -100.00% |
| WD 2 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-89 | 200    | 0     | -100.00% |
| WD 2 | E432-4    | Storm Sewer Inspection Video       | SR-89 | 50,000 | 0     | -100.00% |
| WD 3 | E432-4    | Storm Sewer Inspection Video       | SR-87 | 50,000 | 5,164 | -89.67%  |
| WD 3 | 0430-94-2 | Desilting Pipe 25-36"              | SR-87 | 20,000 | 2,081 | -89.60%  |
| WD 3 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87 | 1,000  | 111   | -88.90%  |
| WD 3 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87 | 20,000 | 2,333 | -88.34%  |
| WD 3 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87 | 200    | 32    | -84.00%  |
| WD 3 | 0430-94-3 | Desilting Pipe 37-48"              | SR-87 | 1,100  | 254   | -76.91%  |
| WD 3 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-87 | 1,000  | 385   | -61.50%  |
| WD 3 | 0430950   | Desilting Concrete Box Culvert     | SR-87 | 100    | 0     | -100.00% |
| WD 3 | 0430-94-1 | Desilting Pipe 0-24"               | SR-89 | 20,000 | 0     | -100.00% |
| WD 3 | 0430-94-2 | Desilting Pipe 25-36"              | SR-89 | 20,000 | 0     | -100.00% |
| WD 3 | 0430-94-3 | Desilting Pipe 37-48"              | SR-89 | 1,100  | 0     | -100.00% |
| WD 3 | 0430-94-4 | Desilting Pipe 49-60"              | SR-89 | 1,000  | 0     | -100.00% |
| WD 3 | 0430950   | Desilting Concrete Box Culvert     | SR-89 | 100    | 0     | -100.00% |
| WD 3 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-89 | 1,000  | 0     | -100.00% |
| WD 3 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-89 | 200    | 0     | -100.00% |
| WD 3 | E432-4    | Storm Sewer Inspection Video       | SR-89 | 50,000 | 0     | -100.00% |
| WD 4 | 0430-94-3 | Desilting Pipe 37-48"              | SR-87 | 1,100  | 68    | -93.82%  |
| WD 4 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87 | 20,000 | 1,977 | -90.12%  |
| WD 4 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87 | 200    | 30    | -85.00%  |
| WD 4 | 0430-94-2 | Desilting Pipe 25-36"              | SR-87 | 20,000 | 0     | -100.00% |
| WD 4 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87 | 1,000  | 0     | -100.00% |
| WD 4 | E432-4    | Storm Sewer Inspection Video       | SR-87 | 50,000 | 2,045 | -95.91%  |
| WD 4 | 0430-94-1 | Desilting Pipe 0-24"               | SR-89 | 20,000 | 0     | -100.00% |
| WD 4 | 0430-94-2 | Desilting Pipe 25-36"              | SR-89 | 20,000 | 0     | -100.00% |
| WD 4 | 0430-94-3 | Desilting Pipe 37-48"              | SR-89 | 1,100  | 0     | -100.00% |
| WD 4 | 0430-94-4 | Desilting Pipe 49-60"              | SR-89 | 1,000  | 0     | -100.00% |
| WD 4 | 0430950   | Desilting Concrete Box Culvert     | SR-89 | 100    | 0     | -100.00% |
| WD 4 | 0430950   | Desilting Concrete Box Culvert     | SR-89 | 100    | 0     | -100.00% |
| WD 4 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-89 | 200    | 0     | -100.00% |
| WD 4 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-89 | 200    | 0     | -100.00% |
| WD 4 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-89 | 200    | 0     | -100.00% |
| WD 4 | E432-4    | Storm Sewer Inspection Video       | SR-89 | 50,000 | 0     | -100.00% |
| WD 5 | 0430-94-2 | Desilting Pipe 25-36"              | SR-87 | 20,000 | 2,455 | -87.73%  |



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|      |           |                                    |       |        |        |          |
|------|-----------|------------------------------------|-------|--------|--------|----------|
| WD 5 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87 | 400    | 98     | -75.50%  |
| WD 5 | E432-4    | Storm Sewer Inspection Video       | SR-87 | 50,000 | 14,398 | -71.20%  |
| WD 5 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87 | 20,000 | 10,265 | -48.68%  |
| WD 5 | 0430-94-3 | Desilting Pipe 37-48"              | SR-87 | 2,000  | 1,678  | -16.10%  |
| WD 5 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87 | 1,000  | 0      | -100.00% |
| WD 5 | 0430950   | Desilting Concrete Box Culvert     | SR-87 | 100    | 0      | -100.00% |
| WD 5 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-87 | 400    | 0      | -100.00% |
| WD 5 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-87 | 1,000  | 0      | -100.00% |
| WD 6 | 0430-94-2 | Desilting Pipe 25-36"              | SR-87 | 20,000 | 130    | -99.35%  |
| WD 6 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87 | 400    | 4      | -99.00%  |
| WD 6 | E432-4    | Storm Sewer Inspection Video       | SR-87 | 50,000 | 3,528  | -92.94%  |
| WD 6 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87 | 20,000 | 3,398  | -83.01%  |
| WD 6 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-87 | 1,000  | 0      | -100.00% |
| WD 6 | 0430-94-2 | Desilting Pipe 37-48"              | SR-87 | 2,000  | 0      | -100.00% |
| WD 6 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87 | 1,000  | 0      | -100.00% |
| WD 6 | 0430950   | Desilting Concrete Box Culvert     | SR-87 | 1,000  | 0      | -100.00% |
| WD 6 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-87 | 400    | 0      | -100.00% |
| WD 7 | 0430-94-2 | Desilting Pipe 25-36"              | SR-87 | 20,000 | 1,014  | -94.93%  |
| WD 7 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-87 | 400    | 0      | -100.00% |
| WD 7 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87 | 400    | 27     | -93.25%  |
| WD 7 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87 | 1,000  | 124    | -87.60%  |
| WD 7 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-87 | 1,000  | 247    | -75.30%  |
| WD 7 | 0430-94-3 | Desilting Pipe 37-48"              | SR-87 | 2,000  | 580    | -71.00%  |
| WD 7 | E432-4    | Storm Sewer Inspection Video       | SR-87 | 50,000 | 16,785 | -66.43%  |
| WD 7 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87 | 20,000 | 14,820 | -25.90%  |
| WD 7 | 0430950   | Desilting Concrete Box Culvert     | SR-87 | 1,000  | 0      | -100.00% |
| WD 8 | 0430-94-2 | Desilting Pipe 25-36"              | SR-4  | 20,000 | 1,002  | -94.99%  |
| WD 8 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-4  | 600    | 54     | -91.00%  |
| WD 8 | 0430-94-3 | Desilting Pipe 37-48"              | SR-4  | 2,000  | 538    | -73.10%  |
| WD 8 | E432-4    | Storm Sewer Inspection Video       | SR-4  | 50,000 | 19,242 | -61.52%  |
| WD 8 | 0430-94-1 | Desilting Pipe 0-24"               | SR-4  | 20,000 | 17,702 | -11.49%  |
| WD 8 | 0430-94-4 | Desilting Pipe 49-60"              | SR-4  | 1,000  | 0      | -100.00% |
| WD 8 | 0430950   | Desilting Concrete Box Culvert     | SR-4  | 1,000  | 0      | -100.00% |
| WD 8 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-4  | 400    | 0      | -100.00% |
| WD 8 | E432-4    | Storm Sewer Inspection Video       | SR-4  | 50,000 | 0      | -100.00% |
| WD 8 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-4  | 1,000  | 0      | -100.00% |
| WD 8 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-87 | 400    | 0      | -100.00% |
| WD 8 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87 | 20,000 | 0      | -100.00% |



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|       |           |                                       |       |        |        |          |
|-------|-----------|---------------------------------------|-------|--------|--------|----------|
| WD 8  | 0430-94-2 | Desilting Pipe 25-36"                 | SR-87 | 20,000 | 0      | -100.00% |
| WD 8  | 0430-94-4 | Desilting Pipe 49-60"                 | SR-87 | 1,000  | 0      | -100.00% |
| WD 8  | 0430-94-3 | Desilting Pipe 37-48"                 | SR-87 | 2,000  | 0      | -100.00% |
| WD 8  | 0430950   | Desilting Concrete Box Culvert        | SR-87 | 1,000  | 0      | -100.00% |
| WD 8  | E425-73-1 | Clean Manholes/Inlets<br>(Mechanical) | SR-87 | 400    | 0      | -100.00% |
| WD 8  | 0430-94-5 | Desilting Pipe, 61" or greater        | SR-87 | 1,000  | 0      | -100.00% |
| WD 9  | 0430-94-2 | Desilting Pipe 25-36"                 | SR-4  | 20,000 | 100    | -99.50%  |
| WD 9  | E425-73-1 | Clean Manholes/Inlets<br>(Mechanical) | SR-4  | 600    | 10     | -98.33%  |
| WD 9  | 0430-94-3 | Desilting Pipe 37-48"                 | SR-4  | 2,000  | 89     | -95.55%  |
| WD 9  | E432-4    | Storm Sewer Inspection Video          | SR-4  | 50,000 | 5,449  | -89.10%  |
| WD 9  | 0430-94-1 | Desilting Pipe 0-24"                  | SR-4  | 20,000 | 24,713 | 23.57%   |
| WD 9  | 0430-94-4 | Desilting Pipe 49-60"                 | SR-4  | 1,000  | 0      | -100.00% |
| WD 9  | 0430950   | Desilting Concrete Box Culvert        | SR-4  | 1,000  | 0      | -100.00% |
| WD 9  | E425-73-5 | Clean Manholes/Inlets Manual          | SR-4  | 400    | 0      | -100.00% |
| WD 9  | 0430-94-5 | Desilting Pipe, 61" or greater        | SR-4  | 1,000  | 0      | -100.00% |
| WD 9  | 0430-94-1 | Desilting Pipe 0-24"                  | SR-87 | 20,000 | 0      | -100.00% |
| WD 9  | 0430-94-2 | Desilting Pipe 25-36"                 | SR-87 | 20,000 | 0      | -100.00% |
| WD 9  | 0430-94-3 | Desilting Pipe 37-48"                 | SR-87 | 2,000  | 0      | -100.00% |
| WD 9  | 0430-94-4 | Desilting Pipe 49-60"                 | SR-87 | 1,000  | 0      | -100.00% |
| WD 9  | 0430950   | Desilting Concrete Box Culvert        | SR-87 | 1,000  | 0      | -100.00% |
| WD 9  | E425-73-1 | Clean Manholes/Inlets<br>(Mechanical) | SR-87 | 400    | 0      | -100.00% |
| WD 9  | E425-73-5 | Clean Manholes/Inlets Manual          | SR-87 | 400    | 0      | -100.00% |
| WD 9  | E432-4    | Storm Sewer Inspection Video          | SR-87 | 50,000 | 0      | -100.00% |
| WD 9  | 0430-94-5 | Desilting Pipe, 61" or greater        | SR-87 | 1,000  | 0      | -100.00% |
| WD 9  | 0430-94-2 | Desilting Pipe 25-36"                 | SR-89 | 20,000 | 347    | -98.27%  |
| WD 9  | E425-73-1 | Clean Manholes/Inlets<br>(Mechanical) | SR-89 | 800    | 30     | -96.25%  |
| WD 9  | 0430-94-3 | Desilting Pipe 37-48"                 | SR-89 | 2,000  | 200    | -90.00%  |
| WD 9  | E432-4    | Storm Sewer Inspection Video          | SR-89 | 50,000 | 20,000 | -60.00%  |
| WD 9  | 0430-94-1 | Desilting Pipe 0-24"                  | SR-89 | 20,000 | 16,416 | -17.92%  |
| WD 9  | 0430-94-4 | Desilting Pipe 49-60"                 | SR-89 | 1,000  | 0      | -100.00% |
| WD 9  | 0430950   | Desilting Concrete Box Culvert        | SR-89 | 1,000  | 0      | -100.00% |
| WD 9  | E425-73-5 | Clean Manholes/Inlets Manual          | SR-89 | 800    | 0      | -100.00% |
| WD 9  | 0430-94-5 | Desilting Pipe, 61" or greater        | SR-89 | 1,000  | 0      | -100.00% |
| WD 10 | E425-73-1 | Clean Manholes/Inlets<br>(Mechanical) | SR-8  | 800    | 6      | -99.25%  |
| WD 10 | 0430-94-2 | Desilting Pipe 25-36"                 | SR-8  | 20,000 | 174    | -99.13%  |
| WD 10 | 0430-94-3 | Desilting Pipe 37-48"                 | SR-8  | 4,000  | 168    | -95.80%  |
| WD 10 | 0430-94-4 | Desilting Pipe 49-60"                 | SR-8  | 2,000  | 91     | -95.45%  |

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|         |           |                                    |       |        |        |          |
|---------|-----------|------------------------------------|-------|--------|--------|----------|
| WD 10   | E432-4    | Storm Sewer Inspection Video       | SR-8  | 50,000 | 2,635  | -94.73%  |
| WD 10   | 0430-94-1 | Desilting Pipe 0-24"               | SR-8  | 20,000 | 2,196  | -89.02%  |
| WD 10   | 0430950   | Desilting Concrete Box Culvert     | SR-8  | 1,000  | 0      | -100.00% |
| WD 10   | E425-73-5 | Clean Manholes/Inlets Manual       | SR-8  | 800    | 0      | -100.00% |
| WD 10-1 | 0430-94-1 | Desilting Pipe 0-24"               | SR-4  | 20,000 | 0      | -100.00% |
| WD 10-1 | 0430-94-2 | Desilting Pipe 25-36"              | SR-4  | 20,000 | 0      | -100.00% |
| WD 10-1 | 0430-94-3 | Desilting Pipe 37-48"              | SR-4  | 2,000  | 0      | -100.00% |
| WD 10-1 | 0430-94-4 | Desilting Pipe 49-60"              | SR-4  | 1,000  | 0      | -100.00% |
| WD 10-1 | 0430950   | Desilting Concrete Box Culvert     | SR-4  | 1,000  | 0      | -100.00% |
| WD 10-1 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-4  | 600    | 0      | -100.00% |
| WD 10-1 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-4  | 400    | 0      | -100.00% |
| WD 10-1 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-4  | 1,000  | 0      | -100.00% |
| WD 10-1 | E432-4    | Storm Sewer Inspection Video       | SR-4  | 50,000 | 0      | -100.00% |
| WD 10-1 | E425-73-5 | Clean Manholes/Inlets Manual       | SR87  | 400    | 0      | -100.00% |
| WD 10-1 | 0430-94-1 | Desilting Pipe 0-24"               | SR-87 | 20,000 | 0      | -100.00% |
| WD 10-1 | 0430-94-3 | Desilting Pipe 37-48"              | SR-87 | 2,000  | 0      | -100.00% |
| WD 10-1 | 0430-94-4 | Desilting Pipe 49-60"              | SR-87 | 1,000  | 0      | -100.00% |
| WD 10-1 | 0430950   | Desilting Concrete Box Culvert     | SR-87 | 1,000  | 0      | -100.00% |
| WD 10-1 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-87 | 400    | 0      | -100.00% |
| WD 10-1 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-87 | 1,000  | 0      | -100.00% |
| WD 10-1 | E432-4    | Storm Sewer Inspection Video       | SR-87 | 50,000 | 0      | -100.00% |
| WD 10-1 | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-89 | 800    | 25     | -96.88%  |
| WD 10-1 | 0430-94-2 | Desilting Pipe 25-36"              | SR-89 | 20,000 | 643    | -96.79%  |
| WD 10-1 | E432-4    | Storm Sewer Inspection Video       | SR-89 | 50,000 | 9,924  | -80.15%  |
| WD 10-1 | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-89 | 1,000  | 208    | -79.20%  |
| WD 10-1 | 0430-94-3 | Desilting Pipe 37-48"              | SR-89 | 2,000  | 421    | -78.95%  |
| WD 10-1 | 0430-94-4 | Desilting Pipe 49-60"              | SR-89 | 1,000  | 351    | -64.90%  |
| WD 10-1 | 0430-94-1 | Desilting Pipe 0-24"               | SR-89 | 20,000 | 8,307  | -58.47%  |
| WD 10-1 | E425-73-5 | Clean Manholes/Inlets Manual       | SR-89 | 800    | 0      | -100.00% |
| WD 10-1 | 0430950   | Desilting Concrete Box Culvert     | SR-89 | 1,000  | 0      | -100.00% |
| WD 10-1 | 0430-94-2 | Desilting Pipe 25-36"              | SR-89 | 20,000 | 0      | -100.00% |
| WD 11   | E425-73-1 | Clean Manholes/Inlets (Mechanical) | SR-8  | 800    | 84     | -89.50%  |
| WD 11   | 0430-94-2 | Desilting Pipe 25-36"              | SR-8  | 20,000 | 2,681  | -86.60%  |
| WD 11   | 0430-94-3 | Desilting Pipe 37-48"              | SR-8  | 4,000  | 1,013  | -74.68%  |
| WD 11   | 0430-94-5 | Desilting Pipe, 61" or greater     | SR-8  | 2,000  | 509    | -74.55%  |
| WD 11   | 0430-94-4 | Desilting Pipe 49-60"              | SR-8  | 2,000  | 528    | -73.60%  |
| WD 11   | E432-4    | Storm Sewer Inspection Video       | SR-8  | 50,000 | 15,508 | -68.98%  |
| WD 11   | 0430-94-1 | Desilting Pipe 0-24"               | SR-8  | 20,000 | 10,777 | -46.12%  |

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|       |           |                                       |      |        |        |          |
|-------|-----------|---------------------------------------|------|--------|--------|----------|
| WD 11 | 0430950   | Desilting Concrete Box Culvert        | SR-8 | 1,000  | 0      | -100.00% |
| WD 1  | E425-73-5 | Clean Manholes/Inlets Manual          | SR-8 | 800    | 0      | -100.00% |
| WD 12 | 0430-94-2 | Desilting Pipe 25-36"                 | SR-8 | 20,000 | 376    | -98.12%  |
| WD 12 | E425-73-1 | Clean Manholes/Inlets<br>(Mechanical) | SR-8 | 800    | 86     | -89.25%  |
| WD 12 | 0430-94-3 | Desilting Pipe 37-48"                 | SR-8 | 4,000  | 785    | -80.38%  |
| WD 12 | E432-4    | Storm Sewer Inspection Video          | SR-8 | 50,000 | 10,667 | -78.67%  |
| WD 12 | 0430-94-5 | Desilting Pipe, 61" or greater        | SR-8 | 2,000  | 443    | -77.85%  |
| WD 12 | 0430-94-1 | Desilting Pipe 0-24"                  | SR-8 | 20,000 | 6,484  | -67.58%  |
| WD 12 | E425-73-1 | Dewatering for Video Inspection       | SR-8 | 1      | 1      | 0.00%    |
| WD 12 | 0430-94-4 | Desilting Pipe 49-60"                 | SR-8 | 2,000  | 0      | -100.00% |
| WD 12 | 0430-94-4 | Desilting Pipe 49-60"                 | SR-8 | 2,000  | 0      | -100.00% |

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**APPENDIX E – Example of Work Document with Overestimated Quantities**

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**CONTRACT MAINTENANCE WORK DOCUMENT**

375-020-05  
MAINTENANCE  
10/10

Page 1 of 8

DATE ISSUED 3/18/2014

WORK ACTIVITY 0430 94 1 Desilting Pipe 0 - 24"

\*DATE RECEIVED 3/18/2014 *RL*

CONTRACT NUMBER E3M71

DATE WORK BEGAN 3/18/2014

JOB NUMBER 42214227236

UNIT DESCRIPTION LF

| ITEM NO.  | LOCATION         | WORK DESCRIPTION  | **DATE COMPLETED                | WORK UNITS |        |
|---|------------------|---|---------------------------------|------------|--------|
|   |                  |   | **DATE ACCEPTED                 | EST        | ACTUAL |
| 1   | SR-87N           | FROM: SR-10 (Hwy 90) M.P. 0.000<br>TO: SR-89 M.P. 4.862 | 7/31/14 <i>RL</i>               | 20,000     | 1977   |
| 2   | SR-89<br>BY-PASS | FROM: SR-10 (Hwy 90) M.P. 0.000<br>TO: SR-87 M.P. 3.668 | 8/14/14 <i>RL</i>               | 20,000     | 0      |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
|   |                  |   |                                 |            |        |
| UNITS ACCOMPLISHED:   |                  |   | TOTAL                           | 40,000     | 1977   |
| PRIMARY _____ INTERSTATE _____ TOLL _____                   |                  |   |                                 |            |        |
| REMARKS:<br>You will have 45 days to complete this call-out |                  |   |                                 |            |        |
| CERTIFIED CORRECT: <i>[Signature]</i>                       |                  |   |                                 |            |        |
| MATERIAL COMPLIANCE <i>[Signature]</i>                      |                  |   | VERIFIED <i>[Signature]</i>     |            |        |
| CONTRACTOR NAME _____                                       |                  |   | INSPECTOR MATERIAL SOURCE _____ |            |        |
| PHONE _____ FAX _____                                       |                  |   |                                 |            |        |

First Copy – Job File    Second Copy – Contractor    Third Copy – Contractor    Fourth Copy – Contract Inspector

- \* Contractor Must Initial Date Received.
- \*\* Contractor Must Date & Initial When Completed.
- \*\*\* Inspector Must Date & Initial When Accepted; this is the Official Date of Final Acceptance for Work Referenced.

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**DISTRIBUTION, PROJECT TEAM, AND STATEMENT OF ACCORDANCE**

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**Office of Inspector General  
Florida Department of Transportation**

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*The mission of the department is  
to provide a safe transportation system that ensures the mobility of people and goods,  
enhances economic prosperity, and preserves the quality of our environment and communities.*

*The mission of the Office of Inspector General is  
to promote integrity, accountability, and process improvement in the Department of  
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