

MEMORANDUM

To:Mayor and City CouncilFrom:J. Gregory Wilson, P.E., Senior Stormwater EngineerDate:November 30, 2020Subject:Approval of Funding for Dunwoody Police Department On-Site Car Wash
System at City Hall

ITEM DESCRIPTION

Request for Approval of Funding for construction of an on-site car wash system for the Dunwoody Police Department. The facility will be located adjacent to the police evidence garage near the southwest corner of City Hall. The cost for this project, including a 10% contingency, is \$64,409.40.

BACKGROUND

Car washing and detailing has the potential to contaminate stormwater drainage systems and downstream water bodies with detergents, petroleum products, nutrients, heavy metals, toxic hydrocarbons, organic compounds, and suspended solids. Discharging vehicle wastewater into the storm system is a violation of the City's Illicit Discharge Ordinance. Although it would be more economical and efficient to wash their fleet on-site, the Dunwoody Police Department (DPD) is aware of these regulations and currently cleans their vehicles at a commercial car wash. After exploring various locations and design options, Public Works and DPD staff finalized a plan to install an on-site car wash station at City Hall.

The construction details for this facility include a gravity-flow collection system that will capture wash water, filter it through an oil-grit separator, and discharge it into the sanitary sewer system. The structure will also have a dual-valve shutoff device that will direct surface runoff into the existing storm drainage system when the unit is not in use. Southern Premier Contractors, Inc. (SPC), an on-call City contractor, has provided high quality finished asphalt and concrete work for the City on numerous projects and is considered by staff to be best suited for this high visibility project.

The design is in compliance with all stormwater and sanitary sewer regulations and was reviewed and approved by the DeKalb County Watershed Management Department. The projected start date for this project is in late December. If approved by Council, this project will be funded from the FY2020 Stormwater Repairs and Maintenance Budget.

RECOMMENDED ACTION

Staff recommends approval of \$64,409.40 in funding for the Dunwoody Police On-Site Car Wash System at City Hall.

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Proposed location of trench drain across rear driveway

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Landscaped island location of underground oil-grit separator unit

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Southern Premier Contractors, Inc.

3951 Hidden Hills Dr Gainesville, GA 30504

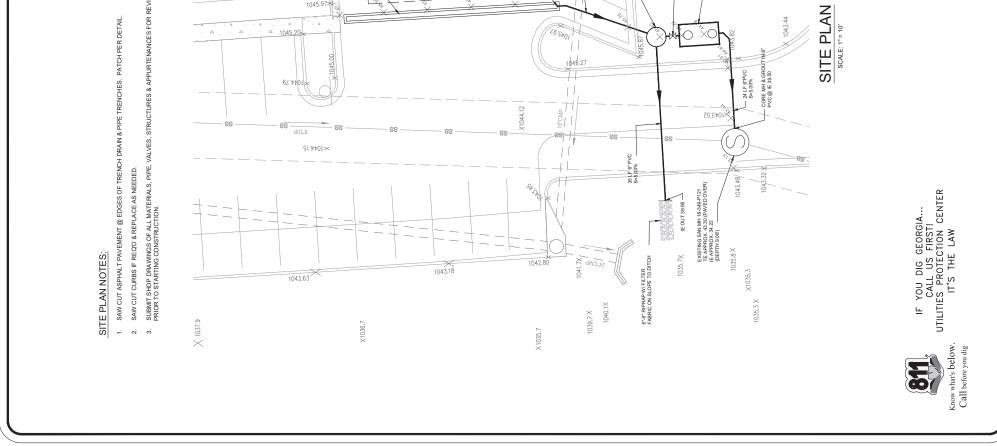
Estimate

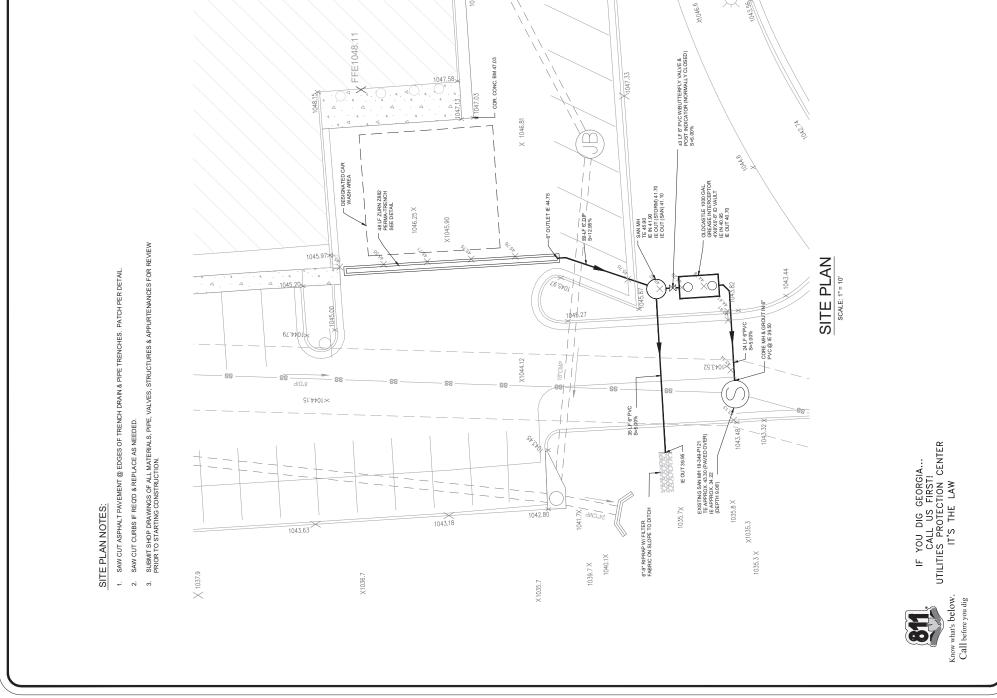
Date	Estimate #
11/10/2020	DUN-376

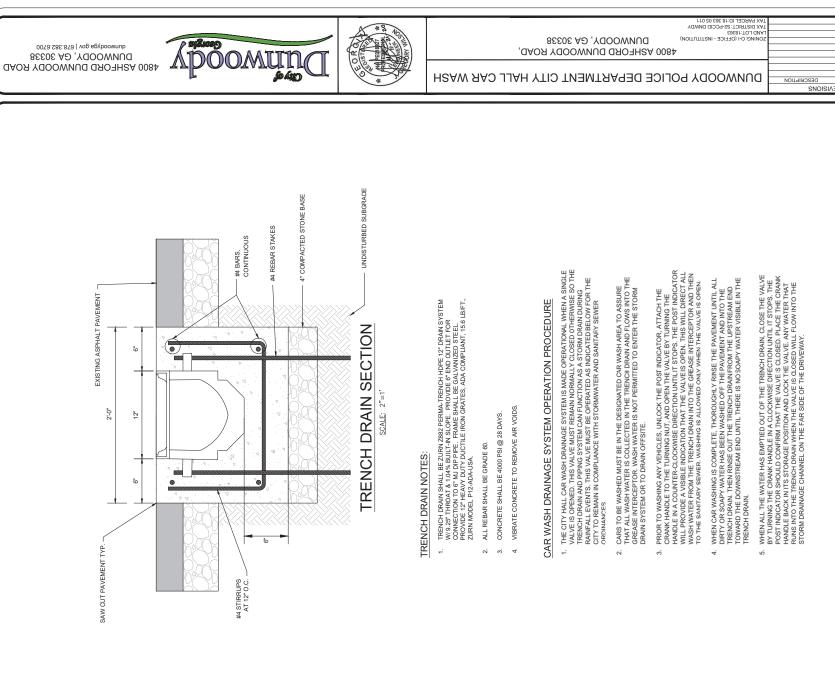
Name / Address

CITY OF DUNWOODY 4800 ASHFORD DUNWOODY ROAD DUNWOODY, GA 30338

	Project
	DUNWOODY CAR WASH
Description	Total
PER DRAWINGS PROVIDED: SAWCUT/INSTALL TRENCH DRAIN AND MANHOLE ACROSS PARKING LOT WITH GREASE INTERCEPTOR TO SEPARATE STORMWATER FROM SEWER WHEN IN USE. 10% CONTINGENCY	58,554.00 5,855.40
Thank you for the opportunity to estimate this project. Tot	al \$64,409.40







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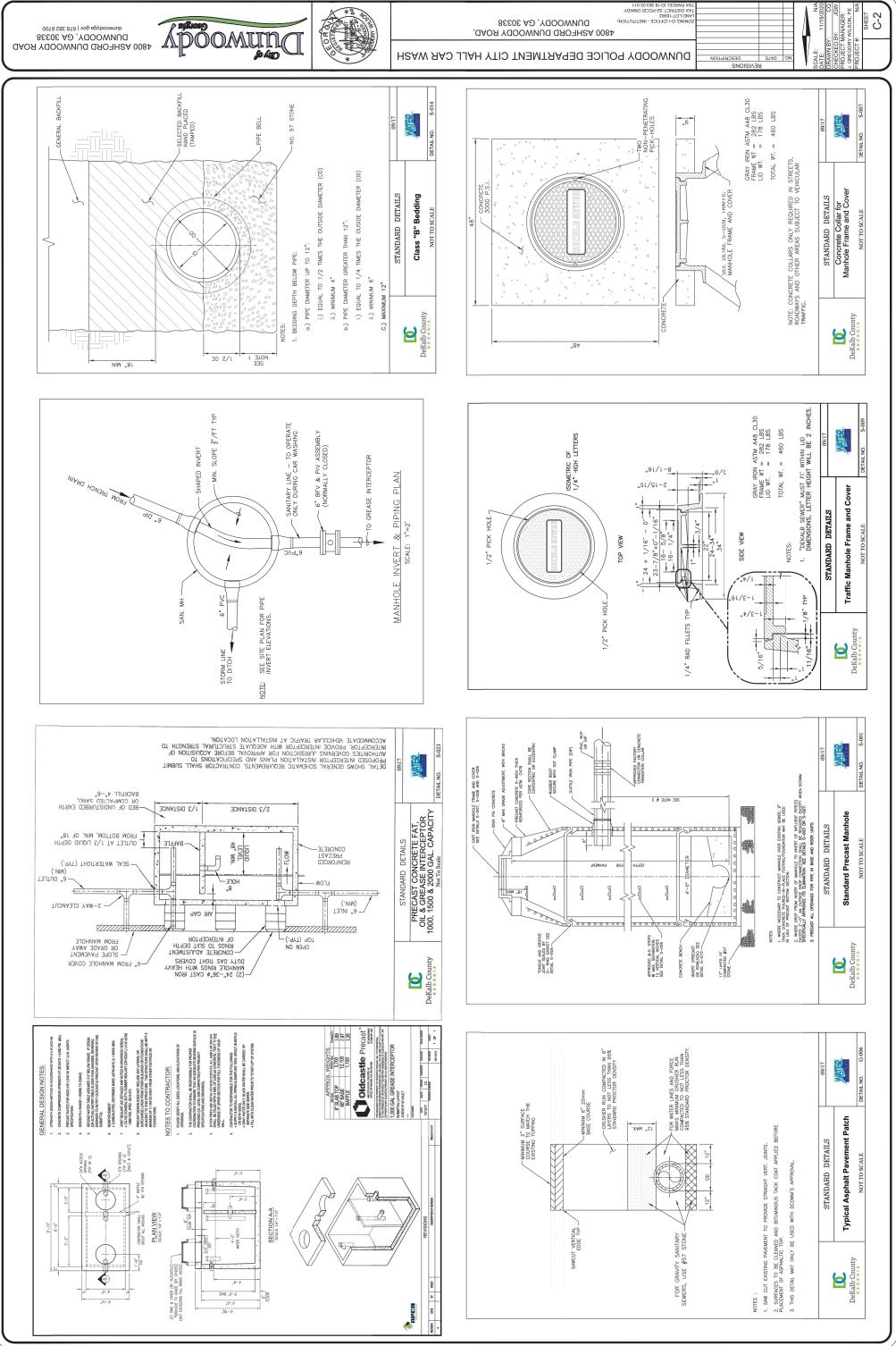
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11/19

SCALE: DATE: DRAWN F

DATE

HECKED BY: ROJECT MANAGEF



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