



August 1, 2018

The 2018 Capital Improvement Program for the City of Haslet called for the reconstruction of several streets in Haslet Park. The limits of the project were set as Odessa Drive, Schreiber Drive, and Berry Drive to be replaced with roller compacted concrete from FM 156 to James Street. Additionally, as part of the Community Development Block Program, the City and Tarrant County allocated funds for the complete reconstruction of 8,420 square yards of roadways in the Brentwood Estates Subdivision.

The City Engineer prepared final plans and specifications for the project and submitted the plans to the Cement Council of Texas for review. The Cement Council of Texas is the premiere expert on Roller Compacted Concrete as they have guided projects all over the State of Texas. The Cement Council of Texas has also been used as a resource during construction.

Per City policy any street construction must be concrete; therefore, the replacement of asphalt streets must be done with concrete. The City Engineer's pavement report recommended the most cost effective concrete solution as roller compacted concrete (RCC). The RCC is cost effective because no steel rebar is used in the concrete and the existing street is ground and mixed with existing soil to produce a solid base.

The City Engineer estimated the cost of constructing all the streets in Haslet Park using full concrete and rebar at \$2,080,650 in Haslet Park and \$542,720 in Brentwood Estates. The cost of using the roller compacted concrete for all streets in Haslet Park is \$1,422,700 and Brentwood Park is \$371,100. Roller Compacted Concrete provides the following benefits:

Full Depth Reclamation (FDR)

Provides new pavement structure without excavation
Fast construction cycle (No detours only traffic control necessary)
One-hundred percent green product as it recycles existing materials
FDR can safely occur around curbs and gutters, manholes, and valve covers

Roller Compacted Concrete

Strong dense durable material
Fast construction cycle (No forms or finishing)
No costly steel and minimum labor
TxDOT tested and approved method

FDR is necessary regardless of the pavement surface placed on top, and in comparison, asphalt has a design life of twenty years and concrete a design life of fifty years. In the long term, maintenance costs will be less for concrete than asphalt.

The City Council dedicated accumulated street maintenance sales tax revenue toward the street projects in Haslet Park and Brentwood Estates. Since the City only receives \$230,000 in street maintenance sales tax annually and has limited General Fund Reserves, the decision was to complete this year's project and then let the street maintenance sales tax revenue accumulate to complete additional street projects in Haslet Park. It is the best strategy considering the limited revenues that are available to the City Council.

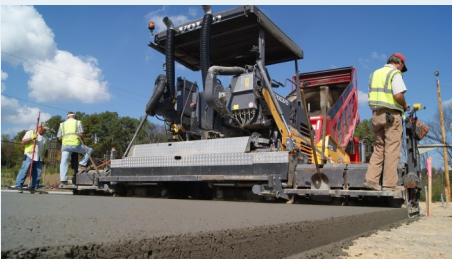
Jim Quin
City Administrator



PROJECT
PROGRESS
IS HERE IN
HASLET
PARK



PROJECT
PROGRESS
IS HERE IN
BRENTWOOD
PARK



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UNDERSTANDING AS
WE CONTINUE TO
MAKE HASLET A
GREAT PLACE TO LIVE



AUGUST 1, 2018 UPDATE

BRENTWOOD PARK &
HASLET PARK STREET
REPLACEMENT PROJECT

CITY OF HASLET ENGINEERING
AND
PUBLIC WORKS

101 MAIN STREET
HASLET, TX 76052
CITY ENGINEER: TRAVIS N. ATTANASIO, P.E.
(817)439-5931



Due to soil conditions discovered during initial construction in Brentwood Park, the methodology of compaction was changed and specifications adjusted for the remainder of Brentwood Park and for Haslet Park to eliminate vibratory rolling on the project by the contractor, except as may be required by site conditions to meet the compaction requirements.

Project Updates 08/01/18

- The full depth reclamation of Brentwood Park is complete.
- The next phase is concrete placement and compaction of the concrete.
- Access may be cutoff to your property for approximately 6 hours while the concrete cures. The job foreman or City Inspector will inform you when it is safe to travel on the concrete. Please remember the 5MPH speed limit.
- The full removal and stabilization of the streets is expected to begin on or around:
 - 8/1—Odessa
 - 8/6—Berry
 - 8/9—Schreiber
- The roller compacted concrete placement on the streets is expected to begin on or around:
 - 8/6—Brentwood—All Streets
 - 8/9—Odessa
 - 8/14—Berry
 - 8/20—Schreiber
- Please note that the scheduled dates and order of construction is subject to change.

Important Contact Information

Public Works Director:

David Rogers

(817)307-0263

Public Works Supervisor:

James Tucker

(817)829-4415

Contractor:

DDM Construction

(940)726-1121

City Engineer:

Travis Attanasio

(817)439-5931