

AGENDA ITEM 27

Consider approving Kohutek Engineering & Testing, Inc for completing a geotechnical investigation for the Schwertner Community Park.

Moved: **Commissioner Boatright**

Seconded: **Judge Doerfler**

Motion: To approve Kohutek Engineering & Testing, Inc for completing a geotechnical investigation for the Schwertner Community Park.

Vote: **3 – 0** with Commissioner Heiligenstein and Commissioner Hays absent from the dais.

AGENDA ITEM 28

Hold public hearing on overweight trucks and weight limits on CR 272.

Judge Doerfler announced the public hearing on overweight trucks and weight limits on CR 272 open at 10:12 a.m. on Tuesday, July 31, 2001.

Commissioner Boatright discussed the weight limit issue on CR 272.

The following persons addressed the court concerning weight limits on CR 272:

Chris Allen, area resident

Dale Moore, area resident

Judge Doerfler announced the public hearing on overweight trucks and weight limits on CR 272 closed at 10:20 a.m. on Tuesday, July 31, 2001.

AGENDA ITEM 29

Consider approving any overweight limits on CR 272.

Moved: **Commissioner Boatright**

Seconded: **Commissioner Hays**

Motion: To approve weight limits on CR 272 as recommended by County Engineer Joe England.

Vote: **5 - 0**

< Attachment >

Joe M. England, P.E.
County Engineer

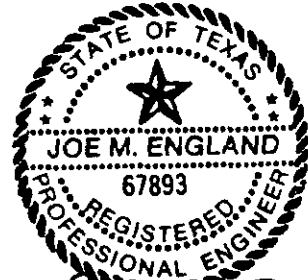


3151 SE Inner Loop, Suite B
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Williamson County
Unified Road System

Memorandum

Date: July 17, 2001
From: Joe M. England, P.E.
To: Williamson County Commissioners Court
Subject: Proposed Weight Limit on a Portion of County Road 272



Joe M. England
7/30/01

According to A Uniform System of Highway Preservation for Local Governments published by the Attorney General's office of the State of Texas, the single axle load should be 6400 pounds and the tandem axle load should be 12800 pounds.

These loads are based upon the following factors:

1. The triaxial strength of the subgrade soil. This soil is in the Denton-San Saba group whose triaxial strength is approximately 4.7.
2. The existing pavement thickness. The existing pavement thickness according to James Hall, the Williamson County Westside Supervisor, is approximately 4.5 inches. The resulting depth of cover is 6.0 inches.
3. The Flexible Pavement Analysis Chart. Using the Flexible Pavement Analysis Chart, the maximum wheel load for a ten year pavement design is 3200 pounds.
4. The axle loading formulas. The single axle is the maximum wheel load multiplied by two while the tandem axle is the maximum wheel load multiplied by four. It should be noted that a dual wheel is considered as a single wheel loading.

It is therefore my professional opinion that the placement of a R12-8b sign showing the stated weight limits be placed on County 272.

approved 7-31-01
John C. Doefler

**TRINITY ENGINEERING/KLEINFELDER***An employee owned company***FAX MEMORANDUM****DATE:** July 17, 2001**Pages Faxed:** 1 total**TO:** Mr. Joe England, P.E.
512-930-3335 fax**FROM:** Robert C. Davis, Ph.D., P.E.
Trinity Engineering / Kleinfelder
3601 Manor Road – Austin, Texas 78723
512-926-6650 voice
512-926-3312 fax**SUBJECT:** Texas Triaxial Value for Denton-San Saba Series

The TxDOT publication (see reference below) shows a total of 29 tests averaging a triaxial value of 4.7. The publication does not show the range of values or associated plasticity characteristics. That value seems low, maybe more representative of lower plasticity lean clays and not representative of the higher plasticity fat clays. I would believe that the value for fat clays could be more in the 5.2 to 5.5 range.

Smith, Avery W. and Dyer, Kenneth A., Triaxial Classification of the Surface Soils of Texas as Grouped By Soil Conservation Service Series, Materials and Test Division, Texas Highway Department, Publication 3-05-71-035, January 1973.

CR 272

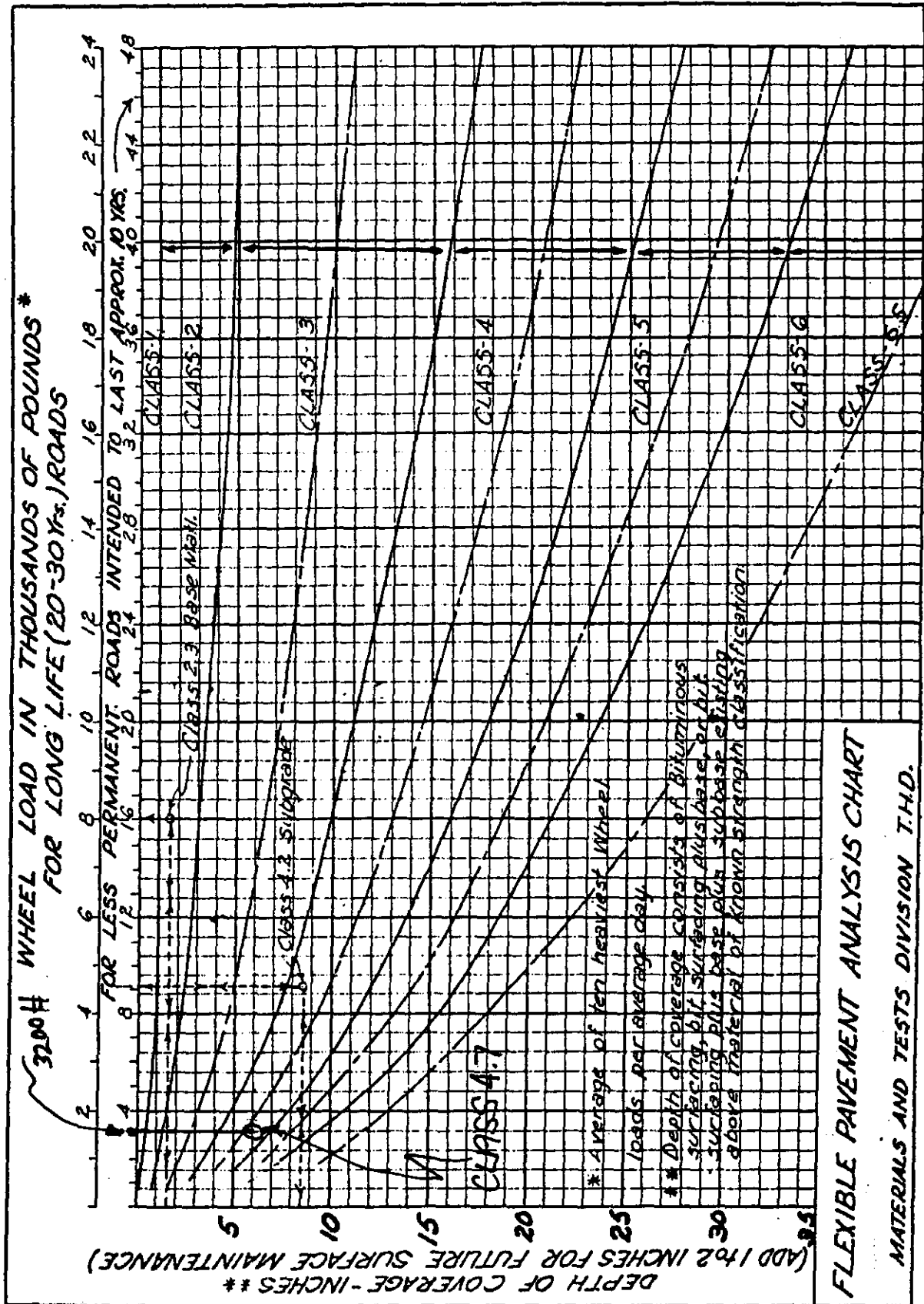


Figure 2. Maximum Wheel Loads for Triaxial Soil Classes

RECORDERS MEMORANDUM

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clearly legible for satisfactory reproduction.

AGENDA ITEM 30

Consider approving interlocal agreement with City of Thrall for road work on Prospect and Douglas streets.

Moved: **Commissioner Limmer**

Seconded: **Commissioner Boatright**

Motion: To approve an interlocal agreement with the City of Thrall for road work on Prospect and Douglas Streets.

Vote: **3 – 0** with Commissioner Heiligenstein and Commissioner Hays absent from the dais.

< Attachment >

INTERGOVERNMENTAL AGREEMENT

The City of Thrall, Texas wishes to enter into an Intergovernmental Agreement with Williamson County Road and Bridge to do 462 ft. of road work on Prospect Street and 800' of road work on Douglas Street within the city limits of Thrall.

The City of Thrall agrees to reimburse Williamson County \$5,552.00 for the 462 ft. of road work on Prospect Street and \$9,612.00 for the 800' of road work on Douglas Street, for a total reimbursement of \$15,164.00.

Please see Attachment A.

Dated this _____ day of _____, 2001.

James Dvorak, Mayor
City of Thrall

Frankie Limmer
Frankie Limmer, Commissioner
Williamson County, Pct. 4

Greg Bergeron, Road Administrator
Williamson County

Approved by the Williamson County Commissioner's Court on this _____
day of _____, 2001.

John C. Doerfler 7-31-01
John C. Doerfler, County Judge
Williamson County