FILE: REGENTS (1985)

August 7, 1985 WH7

## Outline Resents Briting 8-10-85 NEEDED CONSTRUCTION -- UT ARLINGTON

#### HISTORICAL BACKGROUND

1.	1965	Joined UT System - Became one of seventeen institutions under 10-cent ad valorem tax amendment to constitution for new construction funding				
2.	1966-1978	UT Arlington fared well - one-eighth of funds 7 because and (a) Growth				
3.	1978	Ad valorem tax funding emasculated by the Legislature - Rate of taxation reduced to virtually zero				
4.	1979	Rate of taxation reduced to virtually zero Legislative Session - Ad valorem tax institutions a minute tax institutions (AG opinion)				
5.	1981	Legislative Session - same prohibition				
6.	1982	Special Session - called to eliminate ad valorem amendment to constitution				
7.	1983	Legislative Session - HJR 19 passed				
8.	1984	General Election - Ad valorem tax amendment removed				
NOTE: UT Arlington 7 years without dedicated source of funding. In the meantime enrollment increases:						

### 1977 - 17,201 1984 - 23,397 1980 - 28000 (cst)

#### GENERAL SPACE NEEDS

During the 1982 Special Session of the Legislature, the Coordinating Board provides a space study of all state supported colleges and universities in Texas.

The Coordinating Board classified UT Arlington as a Category B institution with a suggested standard of 114 sq. ft. of net assignable Educational and General space per full-time-equivalent-student. UT Arlington with 85 sq. ft. per FTSE was the 2nd most space deficient institution in Texas.

In 1984, UT Arlington stood at 87 sq. ft. per FTSE.

	Head	Sq. ft.	Deficiency	Deficiency
Year	Count	per FTSE	114 Std.	110 Assumed Std.
Fall 1981	20,953	84.6	456,000	240,000
Fall 1984	23,400	87	440,000	204,000
Fall 1988	26,700 (est.)	) 86	541,000	267,000
(Assuming Engr.				

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IN THE MEANTIME

1.	Legislature appr UT Arlington one (a) Ther (b) Soci (c) Arch	opriated 150 million for "catch- of three institutions to receiv mal Energy Building (A must) al work complex renovation itecture Building	e 25 mill 10.5 mill 1.5 mill 13.0 mill = Fd (50) 400 - 50					
2. Student Union Expansion (11.6 mill) Break Grown 9-55 Students voted to increase fee from \$15/sem to \$39/sem PRIORITY NO. 1 - ENGINEERING ADDITION AND RENOVATION								
2.	October 1980 August 1982 December 1984 January 1985 Regental Approval of project - Architect appointed Regental Approval of preliminary plans Authority to proceed to final plans Coordinating Board approval							

### Quality of existing space is below standard

The old Engineering Building was erected in 1960 and was designed for bachelors degree programs as perceived at that time. In some rooms, there is a 6 inch differential in floor slab level; cracking in the slab and walls is abundant; lighting is inadequate; walls, doors, ceilings, windows, and floors need repair. Fire protection inadequate. Prior to three legislative sessions, LBB consultants inspected the building and strongly recommended renovation. Functionally inadequate.

Quantity of available space for Engineering is even more urgent. The College of Engineering has undergone a remarkable growth in recent years and is now the third largest in Texas in terms of enrollment with over 4000 majors. The College offers ten Ph.D. programs. The > Since 1581 faculty is scattered over five buildings.

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The Metroplex High Technology Education Task Force chaired by Mark Shepherd of Texas Instruments made the following statement:

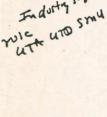
"Specifically, industry should support The University of Texas at Arlington's Engineering School Capital Funding package and the development of its graduate school in engineering to "world class" status, particularly in manufacturing systems and robotics, micro-electronics including gallium arsenide, computational fluid dynamics, power systems, physical sciences, and mathematics.

The UT Arlington College of Engineering is assembling a remarkably talented faculty and stands on the brink of true excellence. The present deterent is space.

#### PRIORITY NO. 2 - COOPER STREET MODIFICATION

Running through the heart of the campus, Cooper Street with a maximum daily flow of 14,000 pedestrians and 32,000 vehicles constitutes a danger to the lives of students. With the City of Arlington growing

Industry support



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rapidly, with plans to widen Cooper to six lanes and with plans to build an interchange with I30 to the north, a vehicular flow of 50,000 to 100,000 vehicles per day in another ten years is not hard to imagine. Carter and Burgess are now preparing preliminary plans for a partial depression as authorized by the Regents.

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# PRIORITY NO. 3 - SCIENCE BUILDING (PHYSICS AND CHEMISTRY)

The present building was built in 1949 with an addition in 1963. Net assignable space is 91,511 sq. ft. This building is inadequate functionally and space-wise for these two large departments both of which are now authorized to offer doctoral degrees which are space intensive. The development of research and graduate programs is and will be seriously retarded unless a space expansion is provided.