

he "out-of-band" data would like to send lw Expedited data

it has " out - of - hand" mode true "out-f-band" data TCP has mo

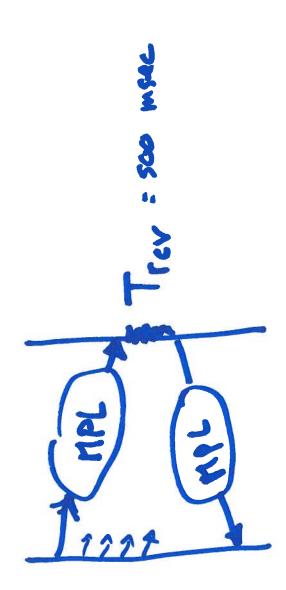
Souder: buffer may look like:

data + URG 000 \$ TCP 16-6:4 first bytete Receiver

Can pull the 00B cher. when it arrives quickly Notified when the 60B . using sigurg character arrived:

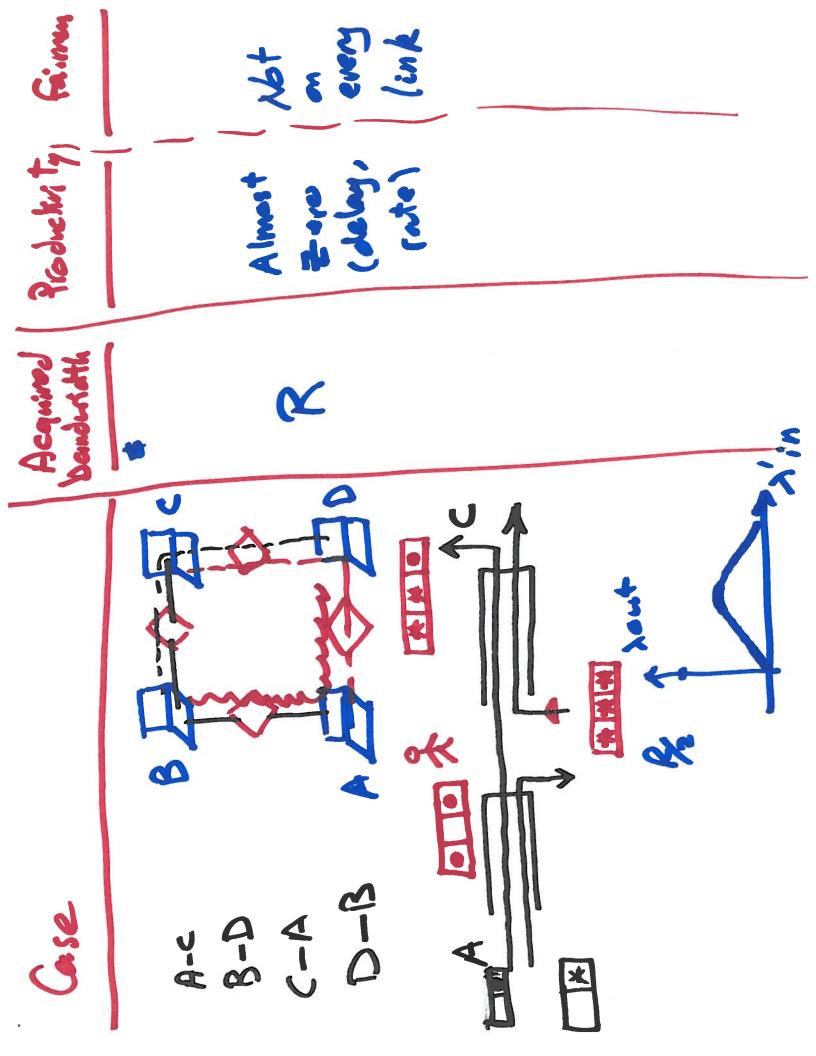
data, ush

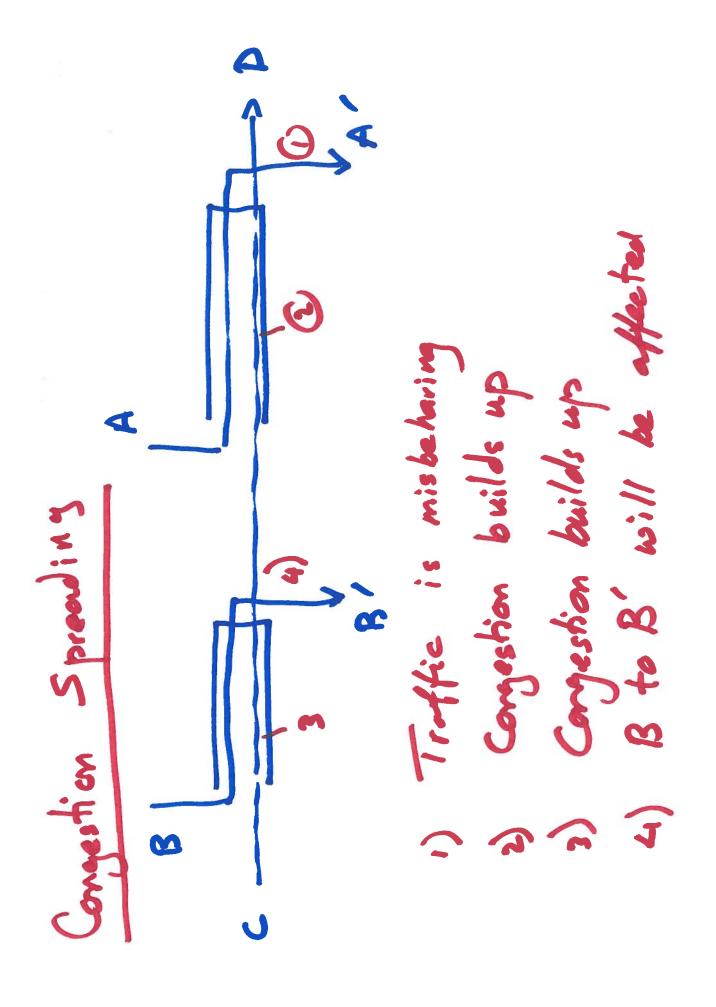
grandos or vi " Helle world In PSH does not wite: The PSIt bit: Semen



Productivity ! toirrass きだる Almost Zne (delag) Alend load to the nature useful throughput Acqued Assume: No theory's Air work Langes tion Contract . 2 hosts Yout: Case

A) I Take Production ) St. St. 人 September 1988 Shest. S





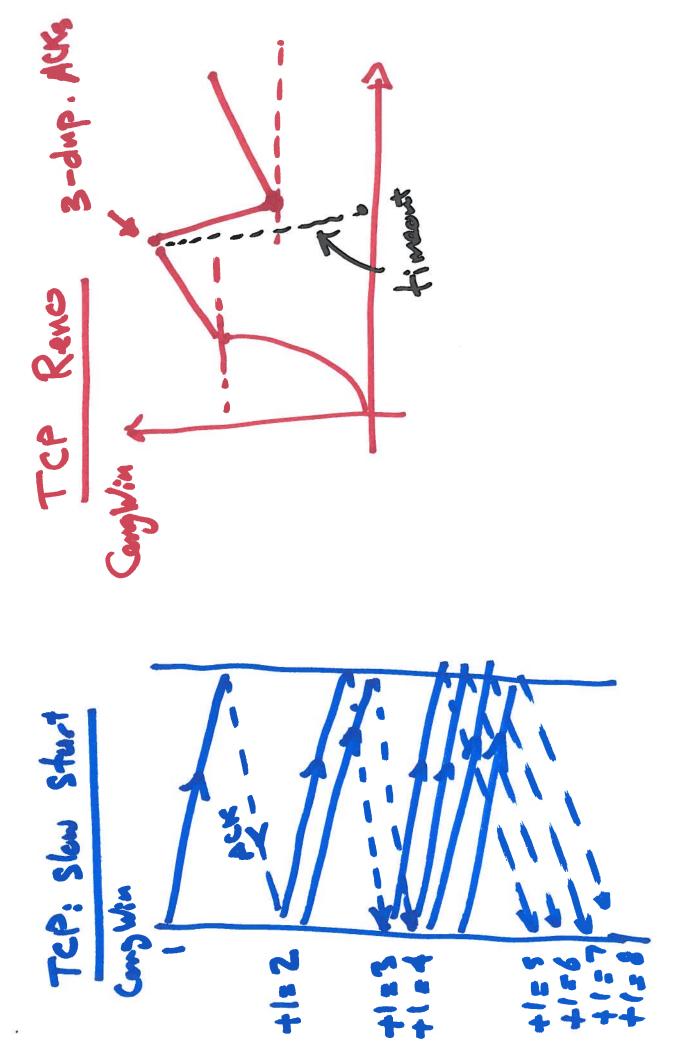
The taken to the second Service (GoS) Traffic Manyant: ATH Angles Classes . nrt - 18k querantee CBR rt-VBR UBR ATA Switches been complete state about each tothe 129/10 Uses virtual areatr Gre natwork devices. Compostion Control Cells (fixed family) 32 bytes) Switcher #16E.

Resource Management (RM) cells

No increase (NI) Congression Indicate (CI) Explicit Rate (2 byte)

Data Cell

Explicet forward congestion Indicator (EFCI) "... one bit



Simplified TCP Throughput Analysis toes event CongWin A 3/4

. 875 (- x) x + x (x - ) Smarked F(-x) x + x (x-x) x + x (x-y) (1-4) S + a(1-4) Xn-1 Expo. Moving Averages 56

Why invake congestion Control mochanies? to windors point Wineless TCPs TCP Variants => split-TcP Conditions