

# Responsible Urban Development for Houston Initial Traffic Analysis Study – 2 September 2010

Traffic Counts Provided by:

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Responsible Urban Development for Houston (RUDH) commissioned Dennis C. Luda, Traffic Consultant, to perform five 24 hour traffic counts on Wednesday, the 25<sup>th</sup> of August, 2010. The approximate positions and locations of those counts are shown on the map provided here:



A list of each individual address, and counts collected can be found on the following pages.

## Explanation of Location Choices:

**Bass Street** – This represents a proposed street to be widened, and possibly connected to the I-10 feeder road, according to some released drawings. Whether or not the connection to the feeder road has been approved to a federally funded project is unknown. Whether the developer and retailer intend for delivery, or heavy trailer traffic to enter on Bass street is unknown.

**Koehler Street** – This represents one of the two ‘through’ streets that will border the proposed development. Koehler street may eventually connect Shepherd and Durham, through Yale, to Heights Boulevard, which will encourage an increase in traffic through the neighborhood for those customers intending to approach the development from the West.

**Center Street** – Due to the nature of the existing traffic lights, Center Street provides a unique opportunity to turn at a light onto the northbound or southbound lanes of Yale street. Bordered by dense townhomes, and a large apartment complex, and originating through a neighborhood coming from the West, Center Street will provide another avenue for those intending to avoid thoroughfares when approaching the proposed development, increasing the flow of traffic through Center street, and onto either Yale Northbound, Southbound, or Heights Northbound and Southbound.

**Yale Street – Northbound/Southbound** – Yale is the largest street to border the development. An increase in traffic, from both the newly constructed exit from I-10 and the proposed development, will increase the flow on a street that seems limited to only four lanes by both the freeway underpass to the North, and the Railroad underpass to the South. Additionally, three of the lanes are dedicated to southbound traffic just south of the railroad underpass.

It should also be noted that the proposed Koehler Street Variance, which allows for variances in the ordinance to eventually allow for the extension of Koehler street, would increase the flow of traffic around the development onto Heights Boulevard, and across railroad crossings.

24-HOUR TRAFFIC VOLUMES - 08/25/2010

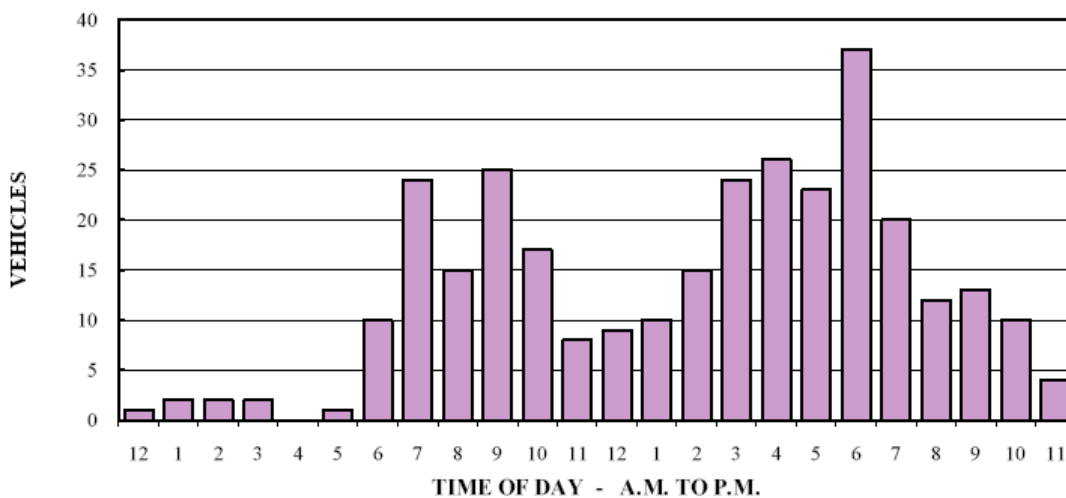
**Bass Ct.**  
**Northbound and Southbound**

BEGINNING HOUR	QUARTER HOUR				HOUR TOTAL
	:15	:30	:45	:00	
12:00 AM	x	x	x	x	1
1:00 AM	x	x	x	x	2
2:00 AM	x	x	x	x	2
3:00 AM	x	x	x	x	2
4:00 AM	x	x	x	x	0
5:00 AM	x	x	x	x	1
6:00 AM	x	x	x	x	10
7:00 AM	x	x	x	x	24
8:00 AM	x	x	x	x	15
9:00 AM	x	x	x	x	25
10:00 AM	x	x	x	x	17
11:00 AM	x	x	x	x	8
12:00 PM	x	x	x	x	9
1:00 PM	x	x	x	x	10
2:00 PM	x	x	x	x	15
3:00 PM	x	x	x	x	24
4:00 PM	x	x	x	x	26
5:00 PM	x	x	x	x	23
6:00 PM	x	x	x	x	37
7:00 PM	x	x	x	x	20
8:00 PM	x	x	x	x	12
9:00 PM	x	x	x	x	13
10:00 PM	x	x	x	x	10
11:00 PM	x	x	x	x	4

**TOTAL 24 HOUR VOLUME** **310**

DATA COLLECTION BEGAN AT 9:00 AM ON Wednesday 08-25-10

**HOURLY DISTRIBUTION OF VOLUMES**



**24-HOUR TRAFFIC VOLUMES - 08/25/2010**

**Koehler  
Eastbound and Westbound**

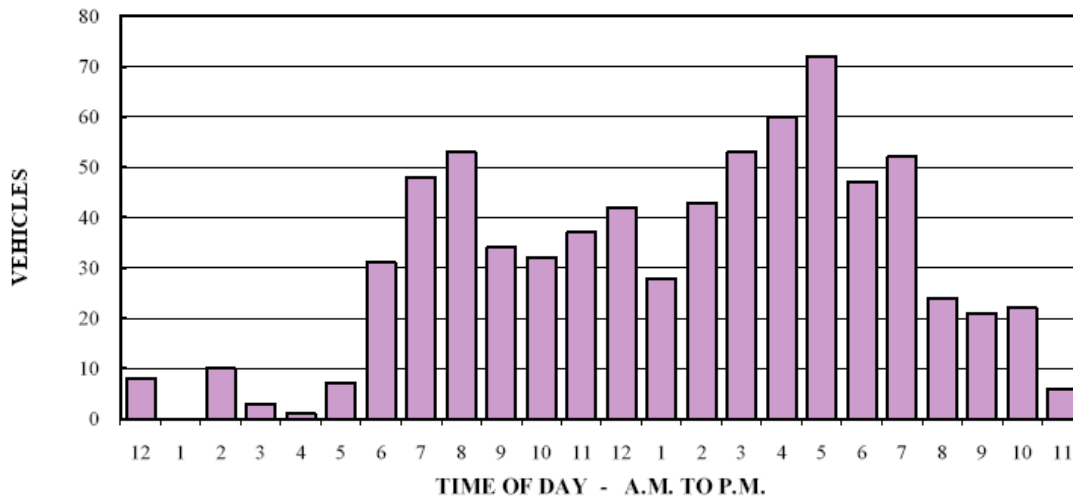
BEGINNING HOUR	QUARTER HOUR				HOUR TOTAL
	:15	:30	:45	:00	
12:00 AM	x	x	x	x	8
1:00 AM	x	x	x	x	0
2:00 AM	x	x	x	x	10
3:00 AM	x	x	x	x	3
4:00 AM	x	x	x	x	1
5:00 AM	x	x	x	x	7
6:00 AM	x	x	x	x	31
7:00 AM	x	x	x	x	48
8:00 AM	x	x	x	x	53
9:00 AM	x	x	x	x	34
10:00 AM	x	x	x	x	32
11:00 AM	x	x	x	x	37
12:00 PM	x	x	x	x	42
1:00 PM	x	x	x	x	28
2:00 PM	x	x	x	x	43
3:00 PM	x	x	x	x	53
4:00 PM	x	x	x	x	60
5:00 PM	x	x	x	x	72
6:00 PM	x	x	x	x	47
7:00 PM	x	x	x	x	52
8:00 PM	x	x	x	x	24
9:00 PM	x	x	x	x	21
10:00 PM	x	x	x	x	22
11:00 PM	x	x	x	x	6

**TOTAL 24 HOUR VOLUME**

**734**

DATA COLLECTION BEGAN AT 9:00 AM ON Wednesday 08-25-10

**HOURLY DISTRIBUTION OF VOLUMES**



24-HOUR TRAFFIC VOLUMES - 08/25/2010

**Center St.**  
**Eastbound and Westbound**

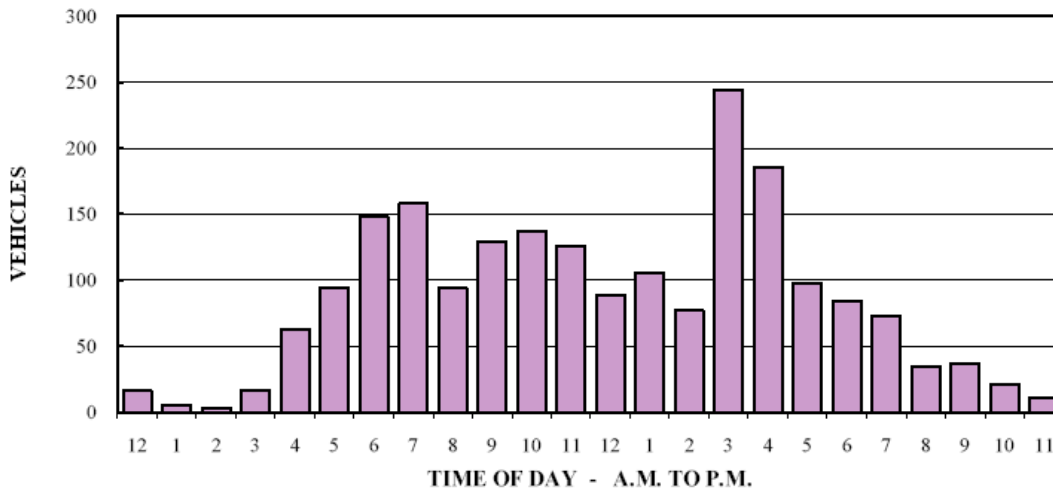
BEGINNING HOUR	QUARTER HOUR				HOUR TOTAL
	:15	:30	:45	:00	
12:00 AM	x	x	x	x	16
1:00 AM	x	x	x	x	5
2:00 AM	x	x	x	x	3
3:00 AM	x	x	x	x	17
4:00 AM	x	x	x	x	63
5:00 AM	x	x	x	x	94
6:00 AM	x	x	x	x	148
7:00 AM	x	x	x	x	158
8:00 AM	x	x	x	x	94
9:00 AM	x	x	x	x	129
10:00 AM	x	x	x	x	137
11:00 AM	x	x	x	x	126
12:00 PM	x	x	x	x	89
1:00 PM	x	x	x	x	106
2:00 PM	x	x	x	x	77
3:00 PM	x	x	x	x	244
4:00 PM	x	x	x	x	186
5:00 PM	x	x	x	x	98
6:00 PM	x	x	x	x	84
7:00 PM	x	x	x	x	73
8:00 PM	x	x	x	x	35
9:00 PM	x	x	x	x	37
10:00 PM	x	x	x	x	21
11:00 PM	x	x	x	x	11

**TOTAL 24 HOUR VOLUME**

**2,051**

DATA COLLECTION BEGAN AT 10:00 AM ON Wednesday 08-25-10

**HOURLY DISTRIBUTION OF VOLUMES**



**24-HOUR TRAFFIC VOLUMES - 08/25/2010**

**Yale St  
Northbound**

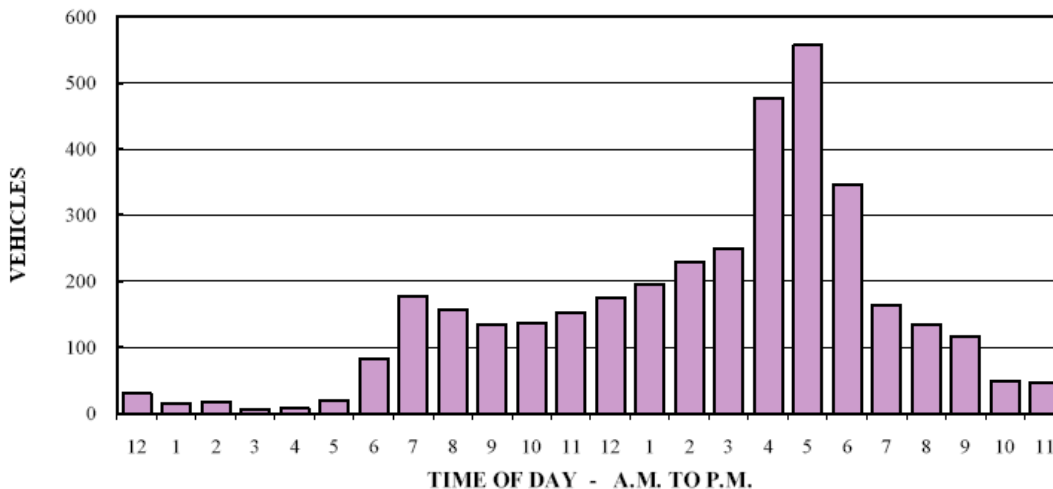
BEGINNING HOUR	QUARTER HOUR				HOUR TOTAL
	:15	:30	:45	:00	
12:00 AM	x	x	x	x	30
1:00 AM	x	x	x	x	16
2:00 AM	x	x	x	x	18
3:00 AM	x	x	x	x	6
4:00 AM	x	x	x	x	8
5:00 AM	x	x	x	x	20
6:00 AM	x	x	x	x	83
7:00 AM	x	x	x	x	178
8:00 AM	x	x	x	x	157
9:00 AM	x	x	x	x	135
10:00 AM	x	x	x	x	137
11:00 AM	x	x	x	x	152
12:00 PM	x	x	x	x	175
1:00 PM	x	x	x	x	196
2:00 PM	x	x	x	x	229
3:00 PM	x	x	x	x	250
4:00 PM	x	x	x	x	477
5:00 PM	x	x	x	x	557
6:00 PM	x	x	x	x	346
7:00 PM	x	x	x	x	164
8:00 PM	x	x	x	x	135
9:00 PM	x	x	x	x	116
10:00 PM	x	x	x	x	50
11:00 PM	x	x	x	x	47

**TOTAL 24 HOUR VOLUME**

**3,682**

DATA COLLECTION BEGAN AT 11:00 AM ON Wednesday 08-25-10

**HOURLY DISTRIBUTION OF VOLUMES**



**24-HOUR TRAFFIC VOLUMES - 08/25/2010**

**Yale St  
Southbound**

BEGINNING HOUR	QUARTER HOUR				HOUR TOTAL
	:15	:30	:45	:00	
12:00 AM	x	x	x	x	30
1:00 AM	x	x	x	x	9
2:00 AM	x	x	x	x	12
3:00 AM	x	x	x	x	10
4:00 AM	x	x	x	x	20
5:00 AM	x	x	x	x	92
6:00 AM	x	x	x	x	348
7:00 AM	x	x	x	x	924
8:00 AM	x	x	x	x	868
9:00 AM	x	x	x	x	412
10:00 AM	x	x	x	x	248
11:00 AM	x	x	x	x	288
12:00 PM	x	x	x	x	323
1:00 PM	x	x	x	x	329
2:00 PM	x	x	x	x	293
3:00 PM	x	x	x	x	328
4:00 PM	x	x	x	x	437
5:00 PM	x	x	x	x	505
6:00 PM	x	x	x	x	344
7:00 PM	x	x	x	x	249
8:00 PM	x	x	x	x	133
9:00 PM	x	x	x	x	120
10:00 PM	x	x	x	x	64
11:00 PM	x	x	x	x	40

**TOTAL 24 HOUR VOLUME**

**6,426**

DATA COLLECTION BEGAN AT 11:00 AM ON Wednesday 08-25-10

**HOURLY DISTRIBUTION OF VOLUMES**

