



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

Richard W. Stolleis, P.E.
County Engineer

July 13, 2018

Commissioner Grady Prestage
Fort Bend County Precinct 2
3030 Texas Parkway, Suite 213
Missouri City, Texas 77459

RE: Temporary Road Closure (One Way Traffic Switch) – Ludwig Lane (Mobility Project #13208) from Dulles Ave. to Brand Lane

Dear Commissioner:

We are requesting a temporary road closure of Ludwig Lane from Dulles Ave. to Brand Lane, for conversion to one-way traffic heading eastbound from Dulles Ave. to Brand Lane, pursuant to Section 251.011 of the Texas Transportation Code. The request for the one-way closure dates are August 6, 2018 to April 15, 2019, and will be reduced if possible.

The request will be placed on the July 24, 2018 Commissioners Court agenda. The detour and traffic control plan are attached. Advance warning signage will be posted prior to the road closure.

Should you have any questions please do not hesitate to call me at 281-633-7508.

Sincerely,

J. Stacy Slawinski, P.E.
Assistant County Engineer - Projects

Attachment: Detour map

cc: Mr. Brian Conrad, Conrad Construction Co., Ltd. brianconrad@hotmail.com
Mr. Epi Salazar, SES Horizon, Inc. epi.salazar@seshorizon.com
Mr. Jason Kirby, FBC WDID No. 2 jkirby@fbcwcid2.com
Mr. Tyler Byrd, Centerpoint tyler.byrd@centerpointenergy.com
Mr. Ric Bolin, Southwestern Bell rbolin@swbell.net
Mr. Steven Conrad, Conrad Construction Co., Ltd. smconradtx@yahoo.com
Mr. Don Conrad, Conrad Construction Co., Ltd. lobid@hotmail.com
Mr. Wesley Crawford, FBC Engineering
Mr. Brian Fields, FBC Road & Bridge
File

301 Jackson St., Suite 401, Richmond, TX 77469
Phone 281-633-7500



Phone: (713) 937-3081 Fax (713) 937-1172
brianwconrad@hotmail.com

RECEIVED
JUL 13 2018
FBC ENGINEERING

July 13, 2018

Mr. Wesley Crawford
Construction Manager
Fort Bend County Engineering Dept.
301 Jackson St.
Richmond, Texas 77469

Re: Ludwig Lane – One Way Traffic Switch

Mr. Crawford,

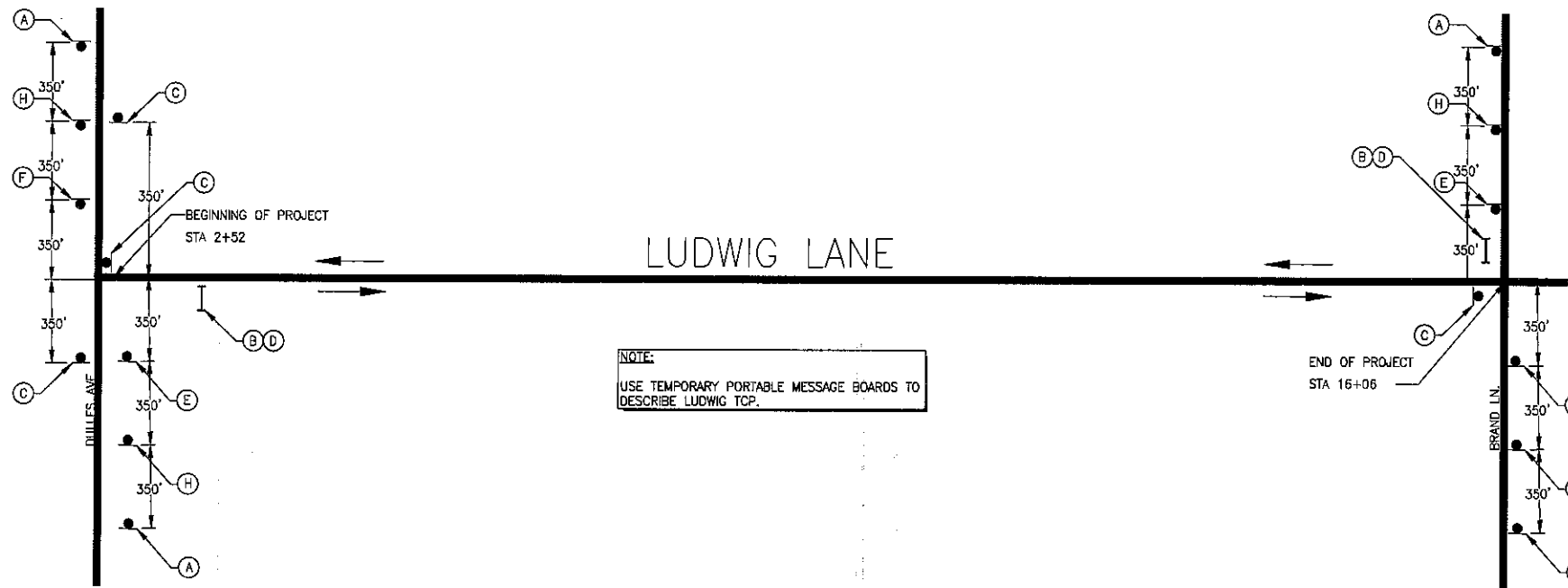
Conrad Construction is underway with construction on the Ludwig Lane project. Waterline main has been installed and new gas line construction is currently underway and planned to be complete by the end of next week (7/20/18). Per the Engineered Traffic Control plan, the next phase will require conversion to one way traffic on Ludwig heading eastbound from Dulles to Brand. This one way traffic plan will continue throughout the project until final completion – estimated to be April 15, 2019.

We request that Fort Bend County Mobility approve this request to proceed with converting Ludwig Lane to one way eastbound traffic per plan details on or after August 6, 2018, per plan details and continue through to 4/15/19. Electronic Message signs will be installed 2 weeks prior to traffic switch to notify the public of the date this switch will take place.

Thank you,

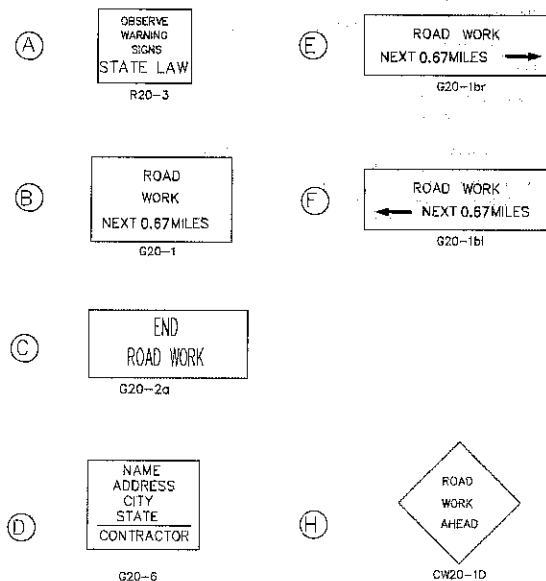
Brian Conrad
Vice President
Conrad Construction Co., LTD

FOR REDUCED PLANS
Original scale in inches



NOTE:
USE TEMPORARY PORTABLE MESSAGE BOARDS TO
DESCRIBE LUDWIG TCP.

SIGNS



NOTES

1. ALL ADVANCED WARNING SIGNS TO BE SET PRIOR TO START OF CONSTRUCTION ACTIVITIES AND TO REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETE AND ACCEPTED BY FORT BEND COUNTY. THE CONTRACTOR WILL COORDINATE WITH THE FORT BEND COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT, ENGINEERING DIVISION IN ESTABLISHING TRAFFIC ROUTES AND LOCATION OF SIGNS.
2. LANE CLOSURES SHALL BE DURING OFF PEAK HOURS ONLY MON-FRI 9AM-3PM (WESTBOUND) MON-FRI 9AM-4PM (EASTBOUND)
3. ALL SIGNS MARKED (*) SHALL HAVE WARNING FLAGS MOUNTED ON TOP OF THE SIGN.
4. MAX. PAVEMENT DROP-OFF SHALL NOT EXCEED 2'.
5. POLICE SHALL BE NEEDED TO CONTROL TRAFFIC AT ALL MAJOR INTERSECTIONS.
6. ALL FLAGGERS SHALL BE IN RADIO CONTACT WITH EACH OTHER AT ALL TIMES.
7. ALL PAVEMENT MARKINGS COVERED BY OVERLAY SHALL BE REPLACED BEFORE OPENING TO TRAFFIC
8. ADVANCE SIGNING SHALL BE PLACED A MINIMUM OF TWO WEEKS IN ADVANCE TO INFORM OF POSSIBLE DELAY. CONTRACTOR SHALL NOTIFY THE FORT BEND COUNTY ENGINEERING DEPARTMENT AT LEAST TWO WEEKS PRIOR TO ANY CONSTRUCTION.
9. ALL PORTABLE SIGNING, DRUMS AND CONES SHALL BE REMOVED AT THE END OF EACH DAY.
10. AS OVERLAY IS COMPLETED ALL CHANNELIZATION SHALL BE MOVED ON TO LANE LINES TO OPEN CENTER LEFT TURN LANE TO TRAFFIC.
11. IF WORK ZONE IS NEEDED OVERNIGHT ALL CONES OR TUBULAR MARKERS SHALL BE REPLACED WITH DRUMS W/VP'S AND TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE FOR NIGHTTIME OPERATION AS DIRECTED BY THE ENGINEER.
12. SIGN R20-3 IS REQUIRED IN ADVANCE OF PROJECT LIMITS.
13. ACCESS TO EXISTING BUSINESSES OR RESIDENCES SHALL BE MAINTAINED AT ALL TIMES.

CONSTRUCTION WARNING SIGN SPACING

Posted Speed or 85th Speed (MPH)	X Min. Distance (feet)
30 or less	120
35	160
40	240
45	320
50	400
55	500
65	750

X-SIGN SPACING
L=TAPER
2X=L-TANGENT

LEGEND

- CONSTRUCTION AREA
- OPEN TO TRAFFIC
- HEAVY WORK VEHICLE
- FLASHING ARROW BOARD (OPTIONAL)
- SIGN POST
- TUBULAR MARKERS, CONES OR DRUMS
- FLAGGER
- X = SIGN SPACING
- L = TAPER LENGTH
- YY DISTANCE TO BE DETERMINED BY ENGINEER.

TYPICAL TRANSITION LENGTHS AND SUGGESTED MAXIMUM SPACING OF DEVICES

		Minimum Desirable Taper Lengths			Suggested Maximum Spacing of Device	
Posted Speed *	Formula	10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60'-75'
35		205'	225'	245'	35'	70'-90'
40		265'	295'	320'	40'	80'-100'
45	$L = WS$	450'	495'	540'	45'	90'-110'
50		500'	550'	600'	50'	100'-125'
55		550'	605'	660'	55'	110'-140'
60		600'	660'	720'	60'	120'-150'
65		650'	715'	780'	65'	130'-175'

* 85th Percentile Speed may be used on roads where traffic speeds normally exceed the posted speed limit.
** Taper lengths have been rounded off.

EXISTING POSTED SPEED LIMIT = 30
CONSTRUCTION ZONE DESIGN SPEED LIMIT = 30

PLOTTED ON: 11/9/2017 5:44 PM
FILE NAME: F:\JULIUS\CAV\TOP\UD-PROJECT APPROACH SIGNING.DWG

NO.	REVISIONS	DATE	NAME

FORT BEND COUNTY
ENGINEERING DEPARTMENT



SES HORIZON
CONSULTING ENGINEERS, INC.
10101 Southwest Freeway, Suite 400 Houston, Texas 77074
(713) 988-3504, Fax (713) 988-3441 www.seshorizon.com

SES HORIZON CONSULTING
ENGINEERS, INC.
TEXAS REGISTERED
ENGINEERING FIRM
F-003922



PROJECT TITLE: LUDWIG LANE- FROM DULLES AVENUE TO BRAND LANE FORT BEND COUNTY PROJECT 13208			
DRAWN BY:	SHEET DESCRIPTION: PROJECT APPROACH SIGNING	JOB NO:	
CHKD BY:		FILE NAME:	
SCALE: N.T.S.		FILE NO:	
DATE: 11/09/2017	APPROVED BY:	SIT NO:	57 / 93

