HOUSTON DISTRICT
PROJECT DEVELOPMENT

FM 2100 PUBLIC HEARING SCHEMATIC

PRELIMINARY
SUBJECT TO CHANGE

ROADWAY: FM 2100
COUNTY: HARRIS
LIMITS FROM: FM 1960
LIMITS TO: HUFF/CLEVE RD

1 / 2

FILE LOCATION: {FILE PATH}
PREPARED BY: {YOUR NAME HERE}

SCHEMATIC LAYOUT
FM 2100

COUNTY: HARRIS
LIMITS FROM: FM 1960
LIMITS TO: HUFFMAN CLEVELAND RD (N)
CSJ: 1062-02-009
DATE: July 2018
APPROVED: __/__/____

NOT A BIDDING DOCUMENT
________________ P.E.
TBPE NO. ________

LEGEND

DESCRIPTION	SYMBOLOGY	WEIGHT	COLOR CODE
PROPOSED MAIN LANES	—	2	BLACK -0
PROPOSED TOLL LANES	—	2	PURPLE -60
PROPOSED FRONTAGE ROADS	—	5	BLUE -1
PROPOSED RAMPS	—	2	BLUE -1
PROPOSED DIRECT CONNECTOR	—	2	ORANGE -6
PROPOSED EMBANKMENT	—	2	RED -3
PROPOSED RETAINING WALL	—	6	RED -3
PROPOSED BRIDGE BENTS	—	2	RED -3
PROPOSED NOISE WALL	—	5	MAGENTA -37
PROPOSED SIDEWALKS	—	2	MAGENTA -200
PROPOSED STRIPING	▨	1	ORANGE -6
PROPOSED LANE INDICATOR	➡	1	BLACK -0
PROPOSED RIGHT-OF-WAY	—	5	BLACK -0
CONTROL OF ACCESS	—	2	RED -3
PLANIMETRIC		1	GREEN -2
EXISTING RIGHT-OF-WAY	— —	1	BLACK -0
EXISTING ROADWAY	—	2	GREEN -2
EXISTING ROADWAY TO BE REMOVED	▨	1	BLACK -0
EXISTING LANE INDICATOR	⇨	1	BLACK -0
TRAFFIC COUNT YEAR 2018 DHV		1	BLACK -0
TRAFFIC COUNT YEAR 2040 DHV		1	BLACK -0

COLORFILL LEGEND

MAIN LANES	🟨
RAISED MEDIAN	⬛
BRIDGE	🟧

SCALE

0 100 200 300 400

DESIGN CRITERIA

FUNCTIONAL CLASSIFICATION: URBAN PRINCIPAL ARTERIAL
MAIN LANE DESIGN CRITERIA: LOW SPEED URBAN
MAIN LANE DESIGN SPEED: 45 MPH
CONNECTING ROAD DESIGN SPEED: 30 MPH

BEGIN PROJECT
CSJ 1062-02-009
STA. 2+08
SEPARATE PROJECT
CSJ 1062-04-058
FM 1960
1ST STREET
HUFFMAN OAKS LN
TWIN OAKS LN
GUY RD
3RD STREET
WALRAVEN
SMITH RD
DARDEN
VALLEY COMMON DR
DESIREABLE LN
SUCCESS LN
HUFFMAN-EASTGATE RD
IRON ORE RD
HAVARD RD
BELLE TERRE DR
PALM LN
CRY BABY LN
HUFFMAN CLEVELAND RD (SOUTH)
WOLF RD
MATCH LINE STA. 135+00
POSSIBLE DETENTION POND LOCATION
VOLUME = 1.90 AC-FT
PROPOSED EASEMENT
PROPOSED DETENTION POND LOCATION
VOLUME = 5.44 AC-FT
EXISTING RIGHT-OF-WAY
POSSIBLE DETENTION POND LOCATION
VOLUME = 3.74 AC-FT
PROPOSED EASEMENT
EXISTING RIGHT-OF-WAY
PROPOSED DETENTION POND LOCATION
VOLUME = 3.55 AC-FT
EXISTING RIGHT-OF-WAY
POSSIBLE DETENTION POND LOCATION
VOLUME = 24.61 AC-FT
A
A
B
B
N
N
5+00
10+00
15+00
20+00
25+00
30+00
35+00
40+00
45+00
50+00
55+00
60+00
65+00
70+00
75+00
80+00
85+00
90+00
95+00
100+00
105+00
110+00
115+00
120+00
125+00
130+00
TRAFFIC DATA
FM 2100
FM 2100
FM 1960
SMITH RD
HUFFMAN EASTGATE RD
HAVARD RD
HUFFMAN CLEVELAND RD SOUTH
WOLF RD
900 <1290>
680 <970>
1090 <1550>
480 <690>
160 <220>
190 <270>
150 <210>
170 <240>
1620 <2300>
1660 <2370>
120 <170>
150 <210>
170 <250>
40 <60>
1640 <2320>
120 <170>
60 <90>
30 <40>
1420 <2020>
140 <190>
50 <80>
150' EXISTING RIGHT-OF-WAY
VARIES
VARIES
6' SHLD
12'
12'
6' SHLD
2%
2%
53'
22'
37'
38'
38'
28'
21'
40'
23'
5'
15'
12'
1'
1'
12'
12'
15'
5'
SHARED LANE
LEFT TURN
SHARED LANE
SDWLK
3:1
4:1
EXISTING RIGHT-OF-WAY VARIES 150'-225'
VARIES 41'-116'
34'
34'
41'
VARIES 26'-101'
28'
21'
21'
28'
26'
RAISED
MEDIAN
65'
10'
34'
41'
50'
40'
28'
26'
6'

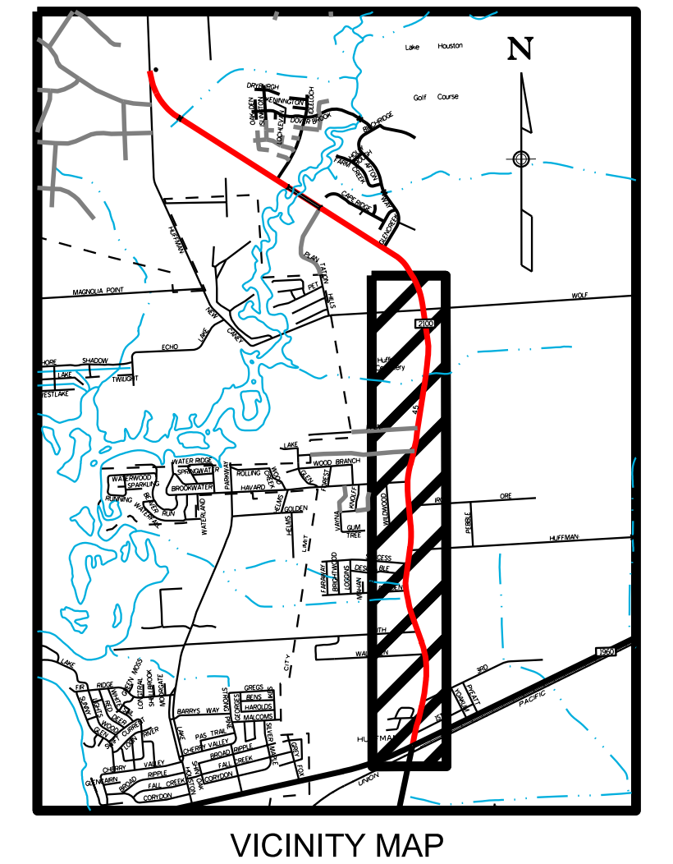
EXISTING FM 2100 TYPICAL SECTION

PROPOSED TYPICAL SECTION
SECTION A-A

PROPOSED TYPICAL SECTION
STA. 35+00 TO 55+00

PROPOSED TYPICAL SECTION
SECTION B-B

PROPOSED TYPICAL SECTION
STA. 85+00 TO 135+00



VICINITY MAP