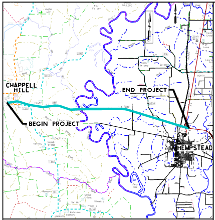
CHAPPELL HILL
END PROJECT
BEGIN PROJECT
HEMPSTEAD

VICINITY MAP
NTS

LEGEND

SYMBOLOGY		LINE WT	COLOR CODE	
MAIN LANES	━	4	BLUE	1
REMOVED DIRT ROAD	☒	1	RED	3
PROP ROW	━ · · ━	5	RED	3
EXISTING ROW	━ · · ━	3	PURPLE	165
PLANIMETRIC	○	1	GREEN	2
EXISTING LANE DIRECTIONAL INDICATOR	⇨	0	BLACK	0
PROPOSED LANE DIRECTIONAL INDICATOR	➡	0	BLACK	0
EXISTING CULVERTS	— — -	4	BLUE	1
PROPOSED CULVERTS	═	1	BLUE	1
DETENTION POND	━	4	LT BLUE	7
PROPERTY LINES	━	1	ORANGE	6
DRIVEWAY	━	2	LT BLUE	7
SIDE STREET	- - - -	2	BLUE	1
PAVEMENT MARKING	━	2	BLACK	0
INSTITUTION	▲	0	GREEN	2
HISTORIC	■	1	BLACK	0
PROP BRIDGE	🟥			
SIGNAL LIGHTS	🚦			
PROP WIDENING	▭			
PROP RAISED MEDIAN	🟩			
EXISTING PAVEMENT	━			
CABLE BARRIER	·-·-·-·			
EXISTING GUARDRAIL	- - - -			
PROPOSED GUARDRAIL	━			
OVERHEAD ELECTRICAL POWER LINES	-•-•-•-			
EXISTING DIRT ROAD	— — -			
EXISTING BUILDING STRUCTURES	━			

PRELIMINARY

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NOT A BIDDING DOCUMENT

NADEEM ABBASI, P.E.
82565
TEXAS REGISTRATION NUMBER
DATE

0 100′ 200′
SCALE: H: 1" = 100′
V: 1" = 10′

DESIGN SPEED	FUNCTIONAL CLASS	ADT US 290
70 MPH	ARTERIAL [MULTILANE RURAL HIGHWAY]	2020 = 24,700 2030 = 29,500

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15915 katy Freeway, Suite 300
Houston, Texas 77094
(713)-541-5591 Fax(713) 541-3501

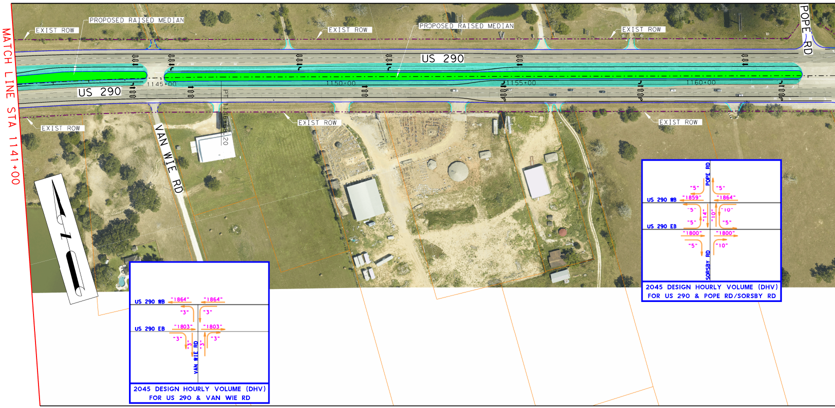
®2019
Texas Department of Transportation
HOUSTON DISTRICT

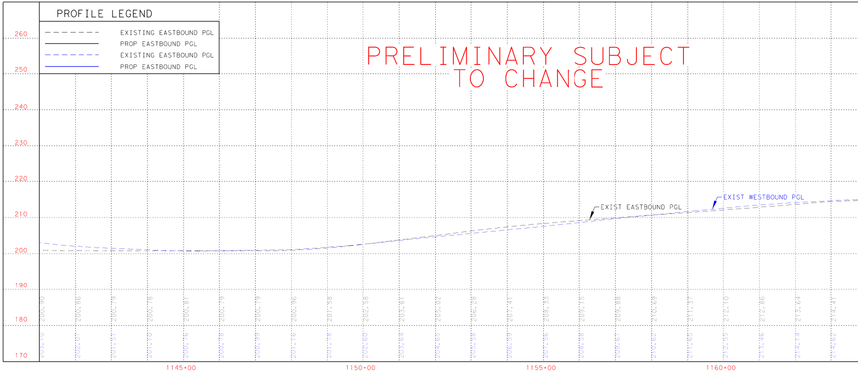
WALLER COUNTY
US 290
FROM FM 1371 TO SH 6

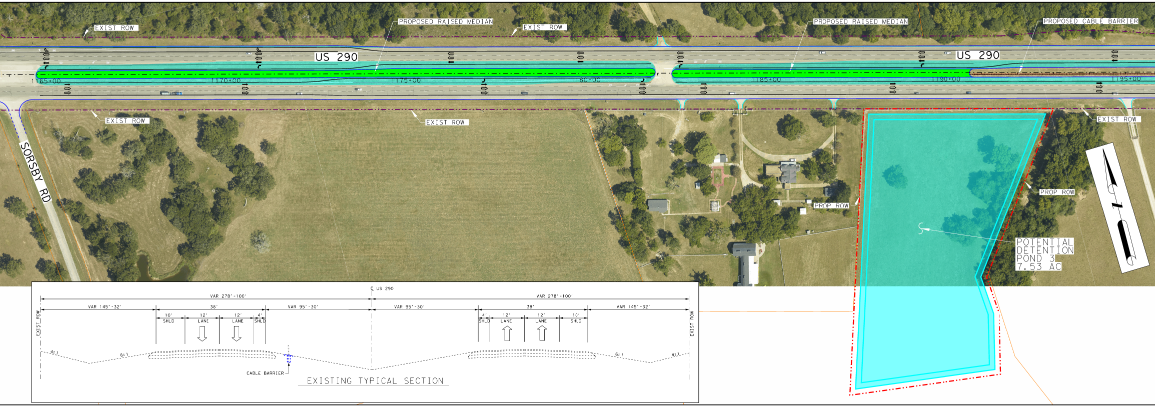
PROJECT LENGTH 11.8 MI

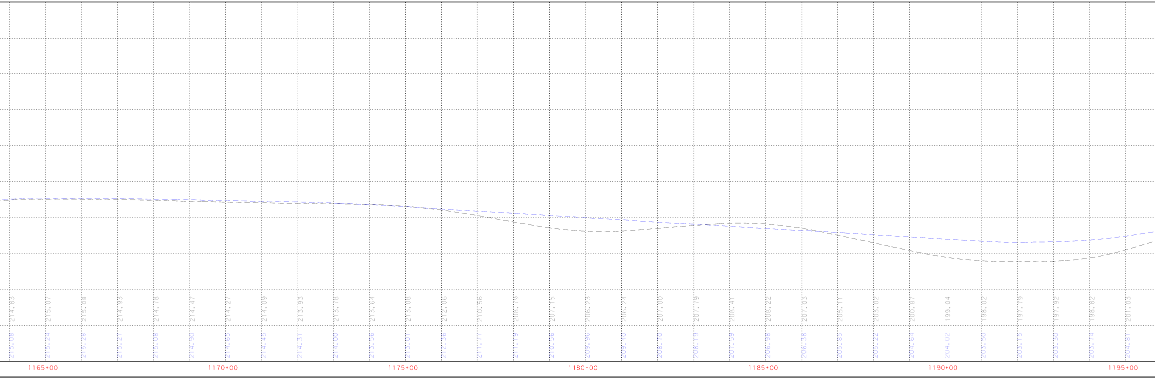
SHEET 4 OF 5

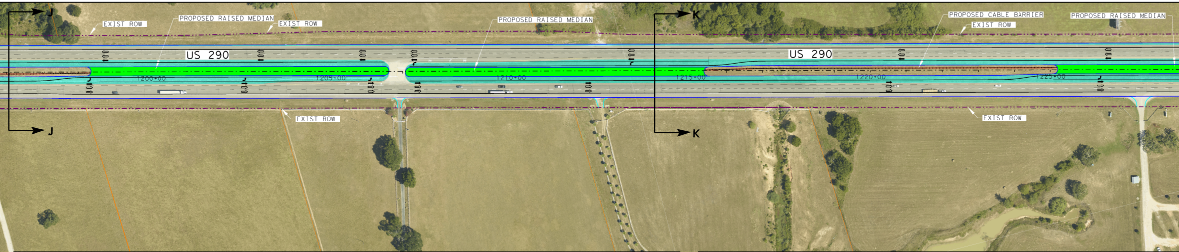
12:17:00 PM
7/22/2020
T:\TxDOT\SCHEM & ENV\HOU S

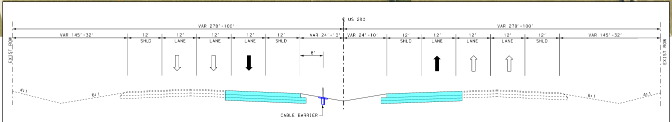

MATCH LINE STA 1141+00
EXIST ROW
PROPOSED RAISED MEDIAN
EXIST ROW
PROPOSED RAISED MEDIAN
EXIST ROW
POPE RD
US 290
US 290
1145+00
1150+00
1155+00
1160+00
PT 1146+68.20
EXIST ROW
EXIST ROW
EXIST ROW
VAN WIE RD
US 290 WB
US 290 EB
"1864"
"1864"
"3"
"3"
"1803"
"1803"
"3"
"3"
"3"
"3"
VAN WIE RD
2045 DESIGN HOURLY VOLUME (DHV)
FOR US 290 & VAN WIE RD
POPE RD
US 290 WB
US 290 EB
"5"
"5"
"1859"
"1864"
"5"
"14"
"10"
"10"
"5"
"5"
"1800"
"1800"
"5"
"10"
SORSBY RD
2045 DESIGN HOURLY VOLUME (DHV)
FOR US 290 & POPE RD/SORSBY RD




EXIST ROW
PROPOSED RAISED MEDIAN
EXIST ROW
PROPOSED RAISED MEDIAN
PROPOSED CABLE BARRIER
US 290
US 290
1165+00
1170+00
1175+00
1180+00
1185+00
1190+00
1195+00
EXIST ROW
EXIST ROW
EXIST ROW
SORSBY RD
PROP ROW
PROP ROW
POTENTIAL DETENTION POND 3
7.53 AC
℄ US 290
VAR 278'-100'
VAR 278'-100'
VAR 145'-32'
38'
VAR 95'-30'
VAR 95'-30'
38'
VAR 145'-32'
10' SHLD
12' LANE
12' LANE
4' SHLD
4' SHLD
12' LANE
12' LANE
10' SHLD
EXIST ROW
EXIST ROW
4:1
6:1
6:1
4:1
CABLE BARRIER
EXISTING TYPICAL SECTION

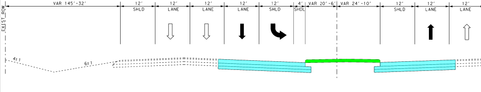



J
J
K
K
EXIST ROW
PROPOSED RAISED MEDIAN
EXIST ROW
PROPOSED RAISED MEDIAN
PROPOSED CABLE BARRIER
EXIST ROW
PROPOSED RAISED MEDIAN
US 290
US 290
1200+00
1205+00
1210+00
1215+00
1220+00
1225+00
EXIST ROW
EXIST ROW


℄ US 290
VAR 278'-100'
VAR 278'-100'
VAR 145'-32'
12' SHLD
12' LANE
12' LANE
12' LANE
12' SHLD
VAR 24'-10'
VAR 24'-10'
12' SHLD
12' LANE
12' LANE
12' LANE
12' SHLD
VAR 145'-32'
EXIST ROW
EXIST ROW
8'
4:1
6:1
6:1
4:1
CABLE BARRIER

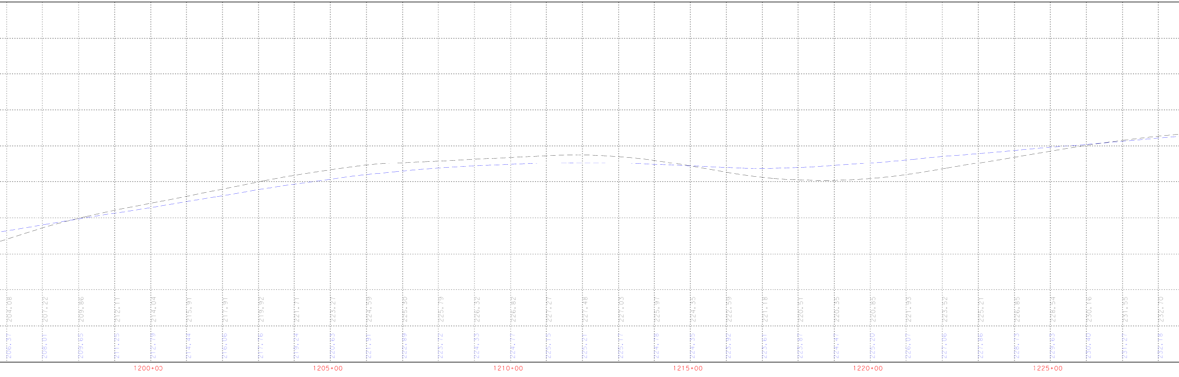
PROPSED TYPICAL SECTION

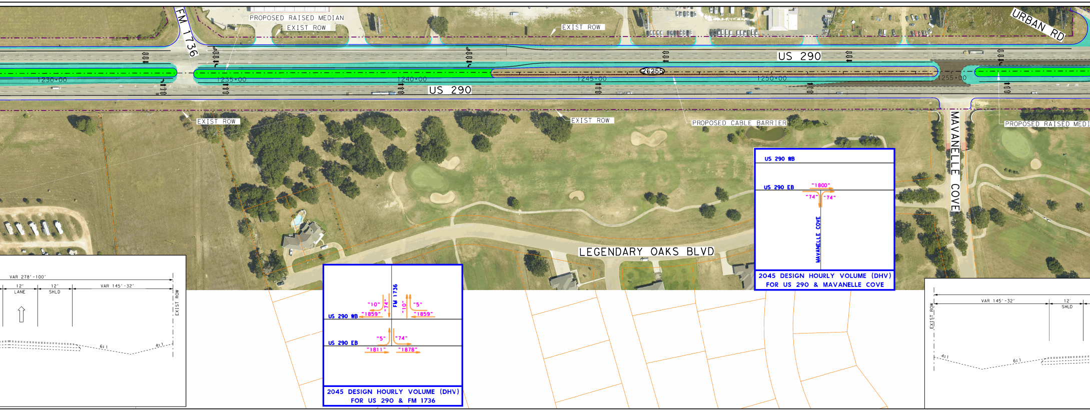
J-J

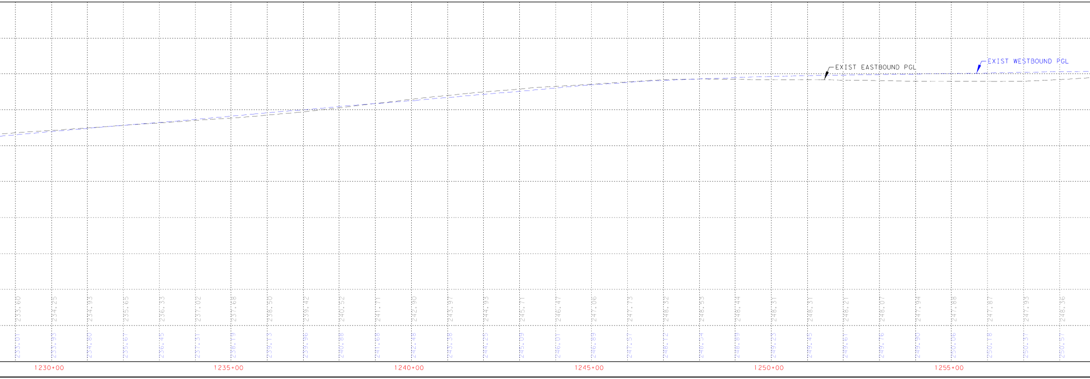

℄ US 290
VAR 278'-100'
VAR 145'-32'
12' SHLD
12' LANE
12' LANE
12' LANE
12' SHLD
4' SHDL
VAR 20'-6'
VAR 24'-10'
12' SHLD
12' LANE
12' LANE
EXIST ROW
4:1
6:1

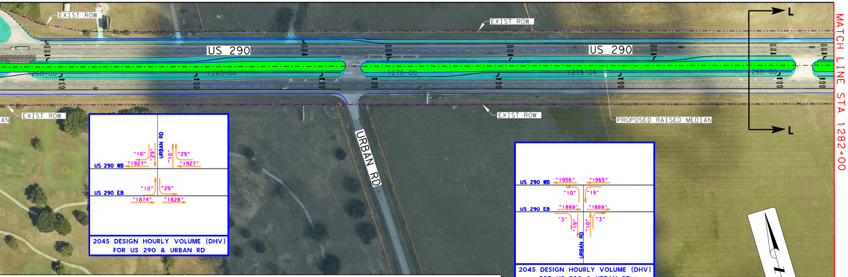
PROPSED TYPICAL SECTION

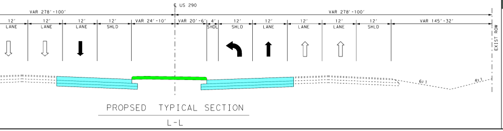
K-K




FM 1736
PROPOSED RAISED MEDIAN
EXIST ROW
EXIST ROW
URBAN RD
US 290
2625
1230+00
1235+00
1240+00
1245+00
1250+00
1255+00
US 290
EXIST ROW
EXIST ROW
PROPOSED CABLE BARRIER
PROPOSED RAISED MEDI
MAVANELLE COVE
LEGENDARY OAKS BLVD
VAR 278'-100'
12'
LANE
12'
SHLD
VAR 145'-32'
EXIST ROW
6:1
4:1
US 290 WB
US 290 EB
"1800"
"74"
"74"
MAVANELLE COVE
2045 DESIGN HOURLY VOLUME (DHV)
FOR US 290 & MAVANELLE COVE
FM 1736
"10"
"74"
"10"
"5"
US 290 WB
"1859"
"1859"
"5"
"74"
US 290 EB
"1811"
"1878"
2045 DESIGN HOURLY VOLUME (DHV)
FOR US 290 & FM 1736
EXIST ROW
VAR 145'-32'
12'
SHLD
4:1
6:1

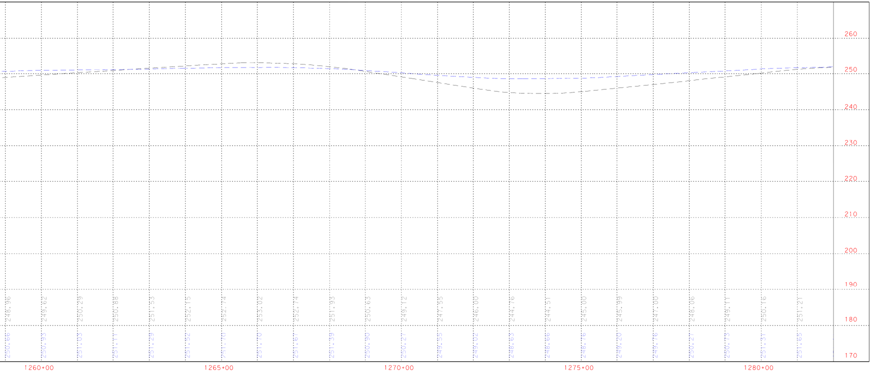


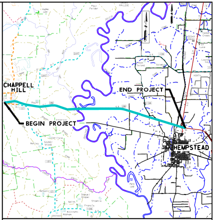

EXIST ROW
EXIST ROW
US 290
US 290
1260+00
1265+00
1270+00
1275+00
1280+00
EXIST ROW
EXIST ROW
PROPOSED RAISED MEDIAN
URBAN RD
L
L
MATCH LINE STA 1282+00
URBAN RD
"10"
"29"
"10"
"29"
US 290 WB
"1927"
"1927"
US 290 EB
"10"
"29"
"1874"
"1828"
2045 DESIGN HOURLY VOLUME (DHV)
FOR US 290 & URBAN RD
US 290 WB
"1956"
"1965"
"10"
"19"
US 290 EB
"1889"
"1889"
"3"
"19"
"10"
"3"
URBAN RD
2045 DESIGN HOURLY VOLUME (DHV)
FOR US 290 & URBAN RD


℄ US 290
VAR 278'-100'
VAR 278'-100'
12' LANE
12' LANE
12' LANE
12' SHLD
VAR 24'-10'
VAR 20'-6'
4' SHDL
12' SHLD
12' LANE
12' LANE
12' LANE
12' SHLD
VAR 145'-32'
EXIST ROW
6:1
4:1

PROPSED TYPICAL SECTION

L-L




CHAPPELL HILL
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BEGIN PROJECT
HEMPSTEAD

VICINITY MAP

NTS

LEGEND

SYMBOLOGY		LINE WT	COLOR CODE	
MAIN LANES	―	4	BLUE	1
REMOVED DIRT ROAD	▨	1	RED	3
PROP ROW	-·-	5	RED	3
EXISTING ROW	-·-	3	PURPLE	165
PLANIMETRIC	◌	1	GREEN	2
EXISTING LANE DIRECTIONAL INDICATOR	⇨	0	BLACK	0
PROPOSED LANE DIRECTIONAL INDICATOR	➡	0	BLACK	0
EXISTING CULVERTS	— —	4	BLUE	1
PROPOSED CULVERTS	═	1	BLUE	1
DETENTION POND	―	4	LT BLUE	7
PROPERTY LINES	―	1	ORANGE	6
DRIVEWAY	―	2	LT BLUE	7
SIDE STREET	- - -	2	BLUE	1
PAVEMENT MARKING	―	2	BLACK	0
INSTITUTION	▲	0	GREEN	2
HISTORIC	■	1	BLACK	0
PROP BRIDGE	🟥			
SIGNAL LIGHTS	🚦			
PROP WIDENING	▭			
PROP RAISED MEDIAN	🟩			
EXISTING PAVEMENT	―			
CABLE BARRIER	·····			
EXISTING GUARDRAIL	- - -			
PROPOSED GUARDRAIL	―			
OVERHEAD ELECTRICAL POWER LINES	-+-+-			
EXISTING DIRT ROAD	— —			
EXISTING BUILDING STRUCTURES	―			

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70 MPH	ARTERIAL [MULTILANE RURAL HIGHWAY]	2020 = 24,700 2030 = 29,500

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SHEET 4 OF 5

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T:\TxDOT\SCHEM & ENV\HOU S