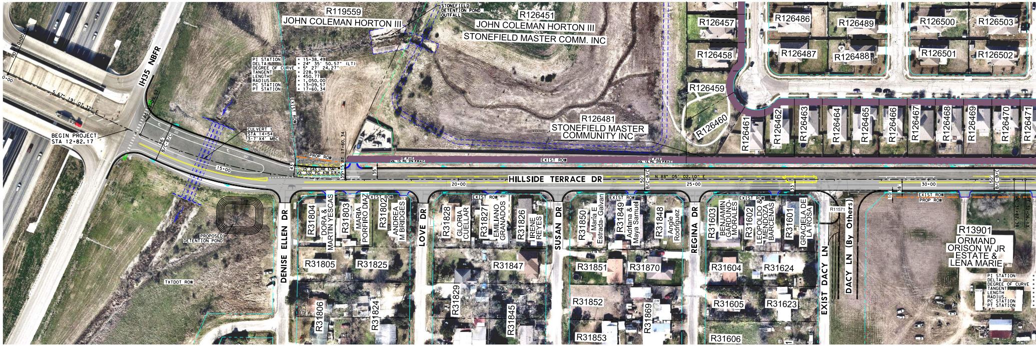
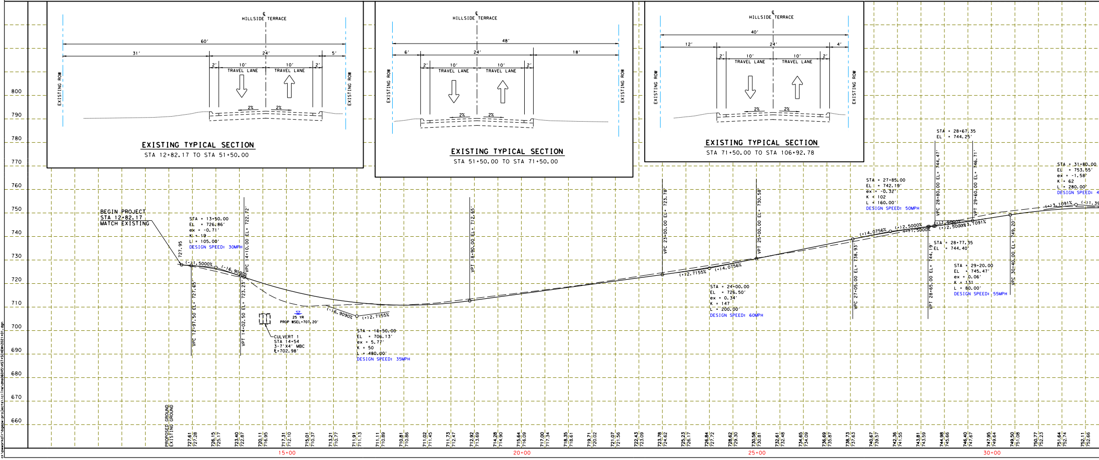

R119559
JOHN COLEMAN HORTON III
STONEFIELD DETENTION POND OUTFALL
R126451
JOHN COLEMAN HORTON III
STONEFIELD MASTER COMM. INC
R126457
R126486
R126489
R126500
R126503
R126458
R126487
R126488
R126501
R126502
R126459
R126460
R126481
STONEFIELD MASTER COMMUNITY INC
R126461
R126462
R126463
R126464
R126465
R126466
R126467
R126468
R126469
R126470
R126471
IH35 NBFR
BEGIN PROJECT STA 12+82.17
S 67° 19' 07.32" E
PI STATION = 15+38.49
DELTA = 24° 35' 50.57" (LT)
DEGREE OF CURVE = 5° 27' 24.27"
TANGENT = 228.91
LENGTH = 450.77
RADIUS = 1,050.00
PC STATION = 13+09.57
PT STATION = 17+60.34
CULVERT 1 STA 14+54 3-7' X4' MBC
PROP ROW
EXIST ROW
25' GAS LINE ESMT VOL 332 PG 438 D.R.
15+00
20+00
25+00
30+00
HILLSIDE TERRACE DR
N 88° 05' 02.10" E
PROPOSED DETENTION POND
TXDOT ROW
DENISE ELLEN DR
R31804
DORA & MARTIN YESCAS
R31803
MARIA PORFIRO DIAZ
R31802
ANDREA M BRIDGES
LOVE DR
R31828
GLORIA CUELLAR
R31827
EMILIANO GRANADOS
R31826
IRENE REYES
SUSAN DR
R31850
Maria E Estrada- Galvan
R31849
Adriana & Maya Samuel
R31848
Angie Rodriguez
REGINA DR
R31603
BENJAMIN GARDUNO-MORALES
R31602
LEOPOLDO & MENDOZA BARCENAS
R31601
GRACIELA DE LA ROSA
R11571
EXIST DACY LN
DACY LN (By Others)
R13901
ORMAND ORISON W JR ESTATE & LENA MARIE
PI STATION
DELTA
DEGREE OF CURVE
TANGENT
LENGTH
RADIUS
PC STATION
PT STATION
R31805
R31825
R31847
R31851
R31870
R31604
R31624
R31806
R31824
R31829
R31845
R31852
R31869
R31605
R31623
R31853
R31606


HILLSIDE TERRACE
60'
31'
24'
5'
2'
10'
TRAVEL LANE
EXISTING ROW
2%
48'
6'
18'
40'
12'
4'
800
790
780
770
760
750
740
730
720
710
700
690
680
670
660
BEGIN PROJECT STA 12+82.17 MATCH EXISTING
STA = 13+50.00
EL = 726.86'
ex = -0.71'
K = 19
L = 105.00'
DESIGN SPEED: 30MPH
(-)1.5000%
(-)6.9090%
(+)2.7155%
(+)4.0756%
(+)2.5000%
(+)1.5000%
(+)3.1091%
VPC 12+97.50 EL= 727.65
VPT 14+02.50 EL= 723.23
VPC 14+10.00 EL= 722.72
VPT 18+90.00 EL= 712.65
VPC 23+00.00 EL= 723.78
VPT 25+00.00 EL= 730.58
VPC 27+05.00 EL= 738.93
VPT 28+65.00 EL= 744.19
VPC 28+80.00 EL= 744.47
VPT 29+60.00 EL= 746.71
VPC 30+40.00 EL= 749.20
CULVERT 1
STA 14+54
3-7' X4' MBC
E=702.98'
25 YR PROP WSEL=707.20'
STA = 16+50.00
EL = 706.13'
ex = 5.77'
K = 50
L = 480.00'
DESIGN SPEED: 35MPH
STA = 24+00.00
EL = 726.50'
ex = 0.34'
K = 147
L = 200.00'
DESIGN SPEED: 60MPH
STA = 27+85.00
EL = 742.19'
ex = -0.32'
K = 102
L = 160.00'
DESIGN SPEED: 50MPH
STA = 28+67.35
EL = 744.25'
STA = 28+77.35
EL = 744.40'
STA = 29+20.00
EL = 745.47'
ex = 0.06'
K = 131
L = 80.00'
DESIGN SPEED: 55MPH
STA = 31+80.00
EL = 753.55'
ex = -1.58'
K = 62
L = 280.00'
PROPOSED GROUND
EXISTING GROUND
15+00
20+00
25+00
30+00

EXISTING TYPICAL SECTION

STA 12+82.17 TO STA 51+50.00

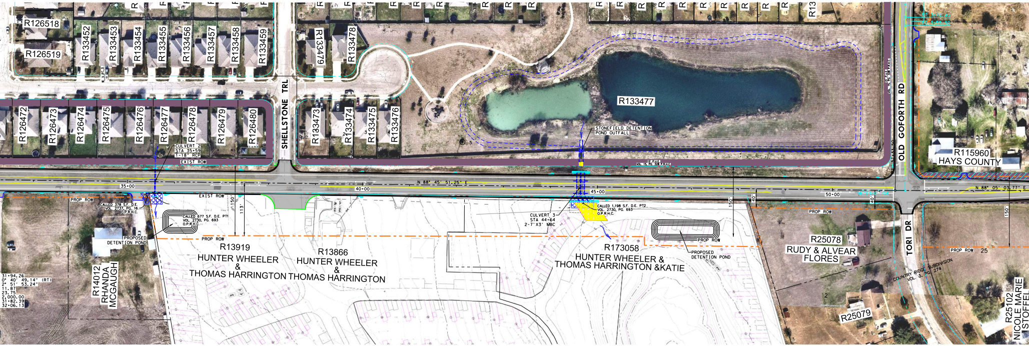
EXISTING TYPICAL SECTION

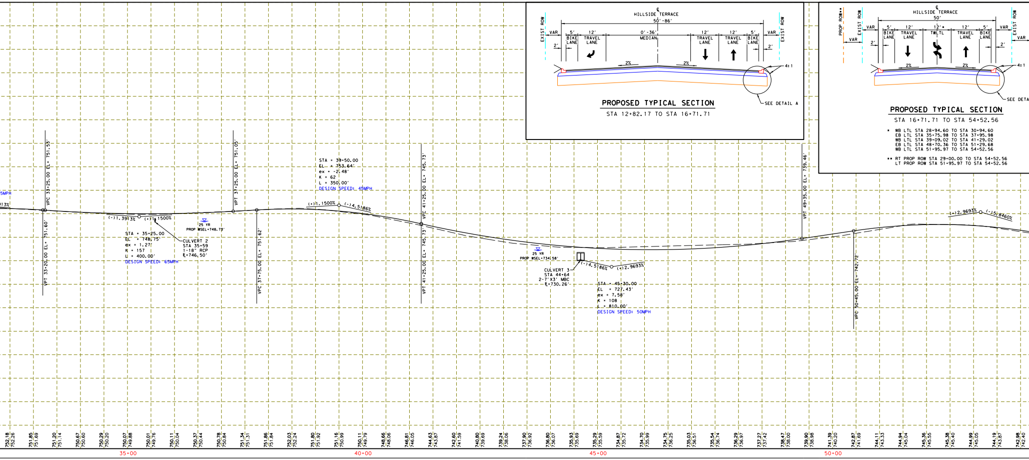
STA 51+50.00 TO STA 71+50.00

EXISTING TYPICAL SECTION

STA 71+50.00 TO STA 106+92.78

1/25/2022 1:35:10 PM pdf+color+new.pltcfg


R126518
R126519
R133452
R133453
R133454
R133455
R133456
R133457
R133458
R133459
R133479
R133478
R133477
R126472
R126473
R126474
R126475
R126476
R126477
R126478
R126479
R126480
SHELLSTONE TRL
R133473
R133474
R133475
R133476
CULVERT 2
STA 35+59
1-18" RCP
EXIST ROW
STONEFIELD DETENTION
POND OUTFALL
15' P.U.E.
VOL. 15, PG. 328 P.R.H.C.
OLD GOFORTH RD
R115960
HAYS COUNTY
PT 3+72.83
PC 3+56.32
35+00
40+00
45+00
50+00
N 88° 45' 51.25" E
N 88° 05' 03.77" E
POT 0+03.96
PROP ROW
CALLED 378 S.F. D.E.
VOL. 2737, PG. 16
O.P.R.H.C.
CALLED 677 S.F. D.E. PT1
VOL. 2730, PG. 693
O.P.R.H.C.
PROPOSED
DETENTION POND
150'
113'
R13919
HUNTER WHEELER
&
THOMAS HARRINGTON
R13866
HUNTER WHEELER
&
THOMAS HARRINGTON
CULVERT 3
STA 44+64
2-7'X3' MBC
CALLED 1,198 S.F. D.E. PT2
VOL. 2730, PG. 693
O.P.R.H.C.
R173058
HUNTER WHEELER &
THOMAS HARRINGTON &KATIE
PROPOSED
DETENTION POND
40'
R25078
RUDY & ALVEAR
FLORES
TORI DR
COUNTRY RIDGE SUBDIVISION
VOL. 3, PG. 274
25
1
2
R25079
R25102
NICOLE MARIE
STOFFEL
R14012
RHANDA
MCGAUGH
31+94.26
0° 40' 49.14" (RT)
2° 51' 53.24"
11.87
23.75
2,000.00
31+82.39
32+06.13


5MPH
13%
VPC 33+25.00 EL= 751.53'
VPT 33+20.00 EL= 751.60'
(-)1.3913%
(+)1.1500%
STA = 35+25.00
EL = 748.75'
ex = 1.27'
K = 157
L = 400.00'
DESIGN SPEED: 65MPH
CULVERT 2
STA 35+59
1-18" RCP
℄=746.50'
25 YR
PROP WSEL=748.73'
VPT 37+25.00 EL= 751.05'
VPC 37+75.00 EL= 751.62'
STA = 39+50.00
EL = 753.64'
ex = -2.48'
K = 62
L = 350.00'
DESIGN SPEED: 45MPH
(+)1.1500%
(-)4.5186%
VPC 41+25.00 EL= 745.73'
VPT 41+25.00 EL= 745.73'
25 YR
PROP WSEL=734.58'
CULVERT 3
STA 44+64
2-7'X3' MBC
℄=730.26'
(-)4.5186%
(+)2.9693%
STA = 45+30.00
EL = 727.43'
ex = 7.58'
K = 108
L = 810.00'
DESIGN SPEED: 50MPH
VPT 49+35.00 EL= 739.46'
VPC 50+45.00 EL= 742.72'
(+)2.9693%
(-)15.8460%
752.18 752.26
751.85 751.69
751.20 751.14
750.67 750.60
750.29 750.20
750.07 749.88
750.01 749.76
750.11 750.04
750.37 750.44
750.78 750.84
751.34 751.31
751.86 751.84
752.03 752.24
751.80 751.92
751.16 750.99
750.11 749.79
748.66 748.06
746.81 746.05
744.63 743.87
742.60 741.59
740.80 739.69
739.24 738.06
737.90 736.92
736.80 736.07
735.93 735.69
735.29 735.59
734.87 735.72
734.70 735.99
734.75 736.25
735.03 736.51
735.54 736.74
736.29 736.97
737.27 737.42
738.47 738.00
739.90 738.98
741.39 740.20
742.87 741.69
744.11 743.33
744.94 745.04
745.36 745.55
745.38 745.40
744.99 745.05
744.19 743.87
742.98 742.40
35+00
40+00
45+00
50+00
℄
HILLSIDE TERRACE
50'-86'
EXIST ROW
VAR
5'
BIKE LANE
12'
TRAVEL LANE
0'-36'
MEDIAN
12'
TRAVEL LANE
12'
TRAVEL LANE
5'
BIKE LANE
VAR
EXIST ROW
2'
2'
2%
2%
4:1
SEE DETAIL A
℄
HILLSIDE TERRACE
50'
PROP ROW**
EXIST ROW
VAR
VAR
5'
BIKE LANE
12'
TRAVEL LANE
12'*
TWLTL
12'
TRAVEL LANE
5'
BIKE LANE
VAR
EXIST ROW
VAR
2'
2'
2%
2%
4:1
SEE DETA

PROPOSED TYPICAL SECTION

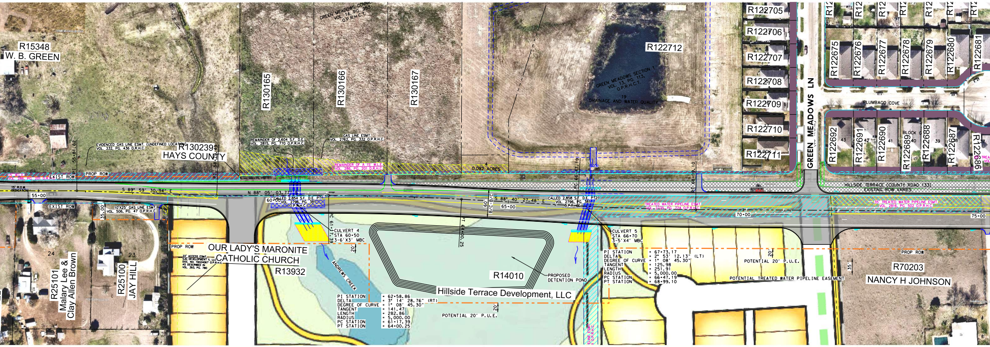
STA 12+82.17 TO STA 16+71.71

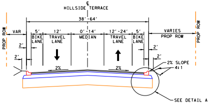
PROPOSED TYPICAL SECTION

STA 16+71.71 TO STA 54+52.56

* WB LTL STA 28+94.60 TO STA 30+94.60
EB LTL STA 35+75.98 TO STA 37+95.98
WB LTL STA 39+09.02 TO STA 41+29.02
EB LTL STA 48+70.36 TO STA 51+29.68
WB LTL STA 51+95.97 TO STA 54+52.56

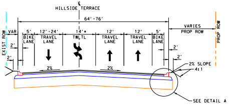
** RT PROP ROW STA 29+00.00 TO STA 54+52.56
LT PROP ROW STA 51+95.97 TO STA 54+52.56


R15348
W. B. GREEN
R130165
R130166
R130167
GREEN MEADOWS COMM. VOL. 14, PG. 263 O.P.R.H.C.
R122712
GREEN MEADOWS SECTION 1 VOL. 13, PG. 113, O.P.R.H.C.T.
DRAINAGE AND WATER QUALITY
R122705
R122706
R122707
R122708
R122709
R122710
R122711
GREEN MEADOWS LN
R122675
R122676
R122677
R122678
R122679
R122680
R122681
PLUMBAGO COVE
R122692
R122691
R122690
R122689
R122688
R122687
R122686
BLOCK
EVIDENCED GAS LINE ESMT. (UNDEFINED LOCATION) VOL. 332, PG. 436 D.R.H.C.
R130239
HAYS COUNTY
REMAINDER OF 2,604 S.F. D.E. VOL. 2815, PG. 770 O.P.R.H.C.
GAS LINE ESMT. VOL. 2762, PG. 332 O.P.R.H.C.
REMAINDER OF A 15' W.L.E. VOL. 286, PG. 201 D.R.H.C.
0.092 ACRES
EXIST ROW
PROP ROW
15' R.O.W. DEDICATION
55+00
S 89° 59' 30.34" E
N 88° 05' 03.71" E
S 88° 40' 27.48" E
CALLED 2,854 SF. D.E. PT1 VOL. 2796, PG. 381 O.P.R.H.C.
CALLED 2,858 SF. D.E. PT2 VOL. 2796, PG. 381 O.P.R.H.C.
65+00
70+00
75+00
HILLSIDE TERRACE (COUNTY ROAD 133) EXISTING ROW VARIES
TREATED WATER PIPELINE ESMT
35' TREATED WATER PIPELINE ESMT VOL. 2816, PG. 502 O.P.R.H.C.
10'X25' GAS LINE ESMT VOL. 506, PG. 47 O.P.R.H.C.
24
23
R25101
Malary Lee &
Clay Allen Brown
R25100
JAY HILL
OUR LADY'S MARONITE
CATHOLIC CHURCH
R13932
ANDREWS CREEK
CULVERT 4
STA 60+50
3-6'X3' MBC
PI STATION = 62+58.86
DELTA = 3° 14' 28.76" (RT)
DEGREE OF CURVE = 1° 08' 45.30"
TANGENT = 141.47
LENGTH = 282.86
RADIUS = 5,000.00
PC STATION = 61+17.39
PT STATION = 64+00.25
R14010
PROPOSED DETENTION POND
Hillside Terrace Development, LLC
POTENTIAL 20' P.U.E.
CULVERT 5
STA 66+70
3-5'X4' MBC
PI STATION = 67+73.17
DELTA = 2° 53' 12.13" (LT)
DEGREE OF CURVE = 1° 08' 45.30"
TANGENT = 125.98
LENGTH = 251.91
RADIUS = 5,000.00
PC STATION = 66+47.19
PT STATION = 68+99.10
POTENTIAL 20' P.U.E.
POTENTIAL TREATED WATER PIPELINE EASEMENT
PROP ROW
R70203
NANCY H JOHNSON


℄ HILLSIDE TERRACE
38'-64'
VAR
5'
12'
0'-14'
12'-24'
5'
BIKE LANE
TRAVEL LANE
MEDIAN
TRAVEL LANE
BIKE LANE
VARIES PROP ROW
PROP ROW
2'
2%
2% SLOPE
4:1
SEE DETAIL A

PROPOSED TYPICAL SECTION

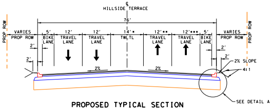
STA 54+52.56 TO STA 60+10.50


℄ HILLSIDE TERRACE
64'-76'
EXIST ROW
VAR
5'
12'-24'
14'*
12'
12'
5'
BIKE LANE
TRAVEL LANE
TWLTL
TRAVEL LANE
TRAVEL LANE
BIKE LANE
VARIES PROP ROW
PROP ROW
2'
2%
2% SLOPE
4:1
SEE DETAIL A

PROPOSED TYPICAL SECTION

STA 60+10.50 TO STA 68+99.10

* WB LTL STA 60+10.50 TO STA 62+30.75


℄ HILLSIDE TERRACE
76'
VARIES PROP ROW
PROP ROW
5'
12'
12'
14'*
12'**
12'***
5'
BIKE LANE
TRAVEL LANE
TRAVEL LANE
TWLTL
TRAVEL LANE
TRAVEL LANE
BIKE LANE
VARIES PROP ROW
2'
2%
2% SLOPE
4:1
SEE DETAIL A

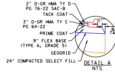
PROPOSED TYPICAL SECTION

STA 68+99.10 TO STA 106+41.76

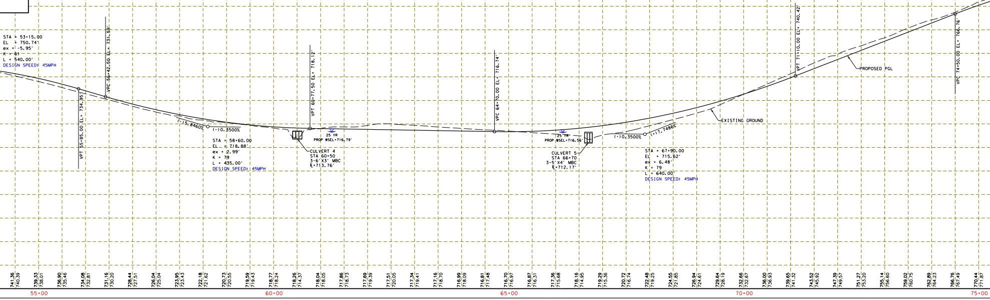
* EB LTL STA 68+99.10 TO STA 71+03.41
WB LTL STA 71+83.28 TO STA 74+03.28
WB LTL STA 81+32.51 TO STA 83+52.51

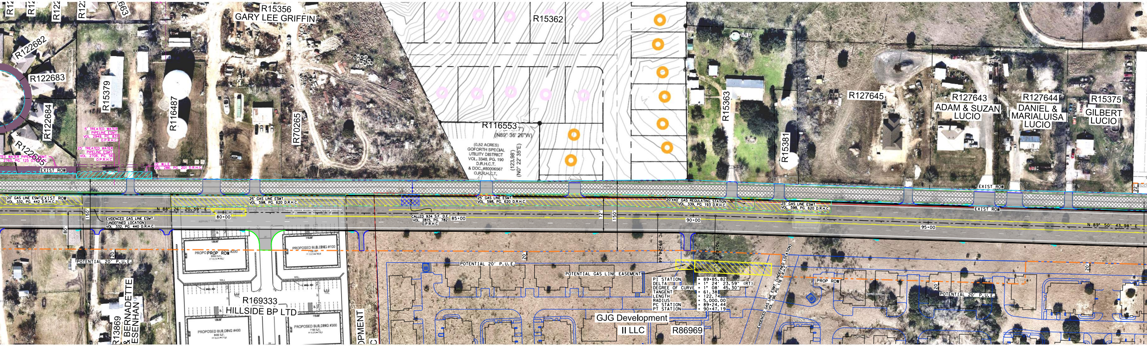
** LTL STA 105+41.01 TO STA 106+41.01

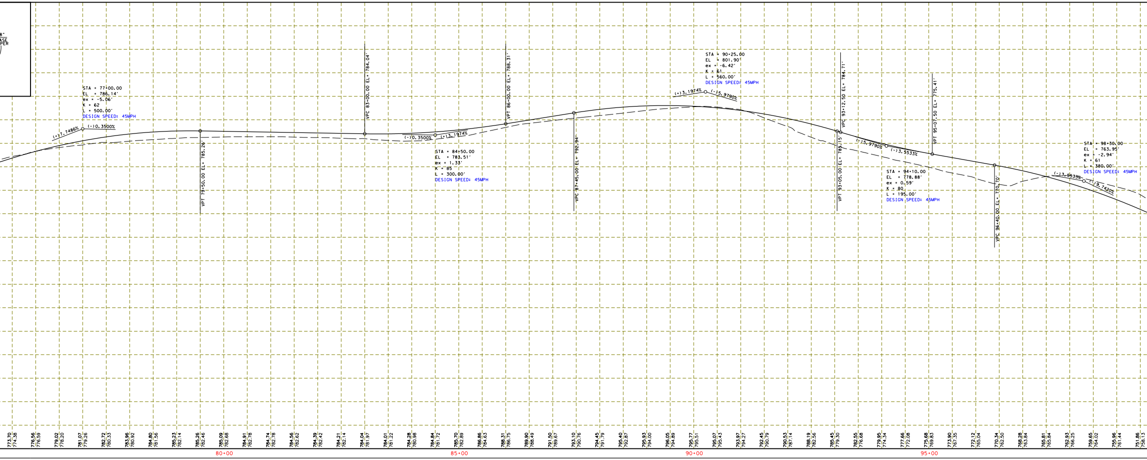
*** RTL STA 105+41.01 TO STA 106+41.01

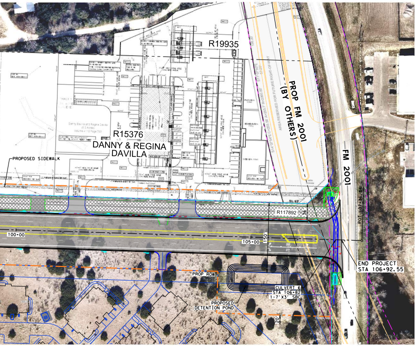

2" D-GR HMA TY D
PG 76-22 SAC-B
TACK COAT
3" D-GR HMA TY C
PG 64-22
PRIME COAT
9" FLEX BASE
(TYPE A, GRADE 5)
GEOGRID
24" COMPACTED SELECT FILL
1'

DETAIL A
NTS




R15356
GARY LEE GRIFFIN
R15362
R122682
R122683
R122684
R15379
R116487
R70265
R116553
(0.52 ACRES)
GOFORTH SPECIAL
UTILITY DISTRICT
VOL. 3348, PG. 190
D.R.H.C.T.
& DOC. #80006567
O.P.R.H.C.T.
(N89° 36' 26"W)
(123.88')
(N0° 22' 35"E)
R15363
R15381
R127645
R127643
ADAM & SUZAN
LUCIO
R127644
DANIEL &
MARIALUISA
LUCIO
R15375
GILBERT
LUCIO
5" TREATED WATER PIPELINE ESMT
VOL. 2949, PG. 831 O.P.R.H.C.
25' TREATED WATER PIPELINE ESMT
VOL. 2706, PG. 56 O.P.R.H.C.
EXIST ROW
20' GAS LINE ESMT
VOL. 332, PG. 442 D.R.H.C.
N 88° 26' 20.39" E
80+00
25' GAS LINE ESMT
VOL. 598, PG. 620 D.R.H.C.
CALLED 934 SF D.E.
VOL. 2815, PG. 782 O.P.R.H.C.
85+00
EVIDENCED GAS LINE ESMT
(UNDEFINED LOCATION)
VOL. 332, PG. 440 D.R.H.C.
20'X40' GAS REGULATING STATION
VOL. 339, PG. 193 D.R.H.C.
90+00
95+00
EXIST ROW
N 89° 50' 43.98" E
150'
72'
150'
POTENTIAL 20' P.U.E.
PROP ROW
PROPOSED BUILDING #100
PROPOSED BUILDING #200
PROPOSED BUILDING #300
PROPOSED BUILDING #400
R169333
HILLSIDE BP LTD
POTENTIAL GAS LINE EASEMENT
PI STATION = 89+85.82
DELTA = 1° 24' 23.59" (RT)
DEGREE OF CURVE = 1° 08' 45.30"
TANGENT = 61.38
LENGTH = 122.74
RADIUS = 5,000.00
PC STATION = 89+24.44
PT STATION = 90+47.19
GJG Development
II LLC
R86969
R13869
BERNADETTE
ESENHAN
PROP ROW
POTENTIAL 20' P.U.E.


STA = 77+00.00
EL = 786.14'
ex = -5.06'
K = 62
L = 500.00'
DESIGN SPEED: 45MPH
(+)7.7486%
(-)0.3500%
VPT 79+50.00 EL= 785.26'
VPC 83+00.00 EL= 784.04'
(-)0.3500%
(+)3.1974%
STA = 84+50.00
EL = 783.51'
ex = 1.33'
K = 85
L = 300.00'
DESIGN SPEED: 45MPH
VPT 86+00.00 EL= 788.31'
VPC 87+45.00 EL= 792.94'
STA = 90+25.00
EL = 801.90'
ex = -6.42'
K = 61
L = 560.00'
DESIGN SPEED: 45MPH
(+)3.1974%
(-)5.9790%
VPT 93+05.00 EL= 785.15'
VPC 93+12.50 EL= 784.71'
(-)5.9790%
(-)3.5533%
STA = 94+10.00
EL = 778.88'
ex = 0.59'
K = 80
L = 195.00'
DESIGN SPEED: 45MPH
VPT 95+07.50 EL= 775.41'
VPC 96+40.00 EL= 770.70'
STA = 98+30.00
EL = 763.95'
ex = -2.94'
K = 61
L = 380.00'
DESIGN SPEED: 45MPH
(-)3.5533%
(-)9.7420%
773.70 774.38
776.56 776.59
779.02 778.20
781.07 779.26
782.72 780.33
783.96 780.92
784.80 781.56
785.23 782.14
785.26 782.46
785.09 782.68
784.91 782.78
784.74 782.78
784.56 782.62
784.39 782.42
784.21 782.14
784.04 781.97
784.01 781.22
784.28 780.98
784.84 781.72
785.70 782.89
786.86 784.63
788.31 786.75
789.90 788.49
791.50 789.67
793.10 790.76
794.45 791.79
795.40 792.87
795.93 794.00
796.05 794.89
795.77 795.51
795.07 795.43
793.97 794.27
792.45 790.79
790.53 787.14
788.19 782.56
785.45 779.30
782.55 776.68
779.95 774.34
777.66 772.08
775.68 769.83
773.90 767.35
772.12 765.04
770.34 762.50
768.28 763.84
765.81 765.84
762.93 766.25
759.65 764.02
755.96 761.44
751.86 758.13
80+00
85+00
90+00
95+00


R19935
PROP FM 2001 (BY OTHERS)
R15376
DANNY & REGINA DAVILLA
PROPOSED SIDEWALK
FM 2001
POT 107+36.86
R117892
100+00
105+00
150'
END PROJECT
STA 106+92.55
PROP ROW
CULVERT 6
STA 106+82
1-7'X3' SBC
PROPOSED DETENTION POND
20'

0 50 100

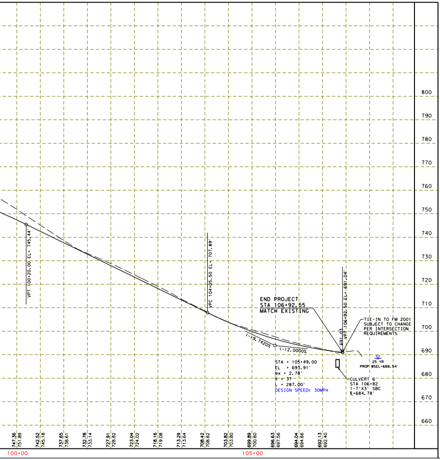
HORIZONTAL SCALE: 1"=100'
VERTICAL SCALE: 1"=20'

LEGEND

– – –	EXIST R.O.W.
– – –	PROP R.O.W.
– · –	EASEMENTS
R126489	PARCEL INFORMATION
▨	OBLITERATE ROADWAY
– – –	FM 2001 IMPROVEMENTS (BY OTHERS)
■	PROPOSED PAVEMENT
—— -	PARCEL LIMITS
🟨	EXISTING/POTENTIAL GAS PIPELINE EASEMENT
▨	EXISTING WATER PIPELINE EASEMENT
▦	EXISTING DRAINAGE EASEMENT
■	EXISTING UTILITY EASEMENT

LEYENDA

– – –	DERECHO DE PASO EXISTENTE
– – –	DERECHO DE PASO PROPUESTO
– · –	SERVIDUMBRES
R126489	IDENTIFICACIÓN DE PROPIEDADES
▨	PAVIMENTO ELIMINADO
– – –	MEJORAMIENTOS A FM 2001 (PROYECTO DE OTRO AGENCIA)
■	PAVIMENTO PROPUESTO
—— -	LÍMITES DE PROPIEDADES
🟨	SERVIDUMBRE DE LÍNEA DE GAS EXISTENTE/POSIBLE
▨	SERVIDUMBRE DE LÍNEA DE AGUA EXISTENTE
▦	SERVIDUMBRE DE DRENAJE EXISTENTE
■	SERVIDUMBRE DE SERVICIOS PÚBLICOS EXISTENTE


800
790
780
770
760
750
740
730
720
710
700
690
680
670
660
VPT 100+20.00 EL= 745.44'
VPC 104+05.50 EL= 707.89'
VPT 106+92.50 EL= 691.04'
691.03
END PROJECT
STA 106+92.55
MATCH EXISTING
TIE-IN TO FM 2001
SUBJECT TO CHANGE
PER INTERSECTION
REQUIREMENTS
(-)9.7420%
(-)2.0000%
STA = 105+49.00
EL = 693.91'
ex = 2.78'
K = 37
L = 287.00'
DESIGN SPEED: 30MPH
25 YR
PROP WSEL=688.54'
CULVERT 6
STA 106+82
1-7'X3' SBC
℄=684.78'
747.36
751.89
742.52
745.18
737.65
738.61
732.78
733.14
727.91
728.82
723.04
724.02
718.16
719.08
713.29
713.64
708.42
708.62
703.82
703.80
699.89
700.60
696.63
697.56
694.04
694.66
692.13
692.40
100+00
105+00

FUNCTIONAL CLASS:
URBAN MAJOR COLLECTOR
DESIGN SPEED = 45 MPH

PRELIMINARY

SUBMITTED FOR INTERIM REVIEW
Under the authority of:

ERIN N GONZALES, PE No 102407
DATE: 1/25/2022 , IT IS NOT
TO BE USED FOR CONSTRUCTION,
BIDDING OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROVED

BGE, Inc.
1701 Directors Blvd., Suite 1000, Austin, TX 78744
Tel: 512-879-0400 • www.bgeinc.com
TBPE Registration No. F-1046

HILLSIDE TERRACE

PRELIMINARY SCHEMATIC

SHEET 1 OF 1

DESIGNED BY:
DRAWN BY:
CHECKED BY:
APPROVED BY: