TEXAS DEPARTMENT OF TRANSPORTATION
SCHEMATIC LAYOUT
I-35 - COMAL COUNTY
OFFICE OF THE DISTRICT ENGINEER
SAN ANTONIO, TEXAS

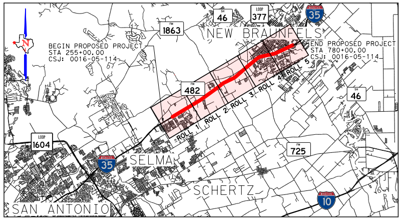
FROM FM 1103 TO THE GUADALUPE RIVER
PROJECT LENGTH = 9.94 MILES

CSJ: 0016-05-114

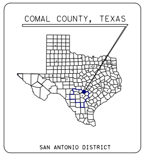
ROLL 3 OF 5

DESIGN SPEEDS AND FUNCTIONAL CLASSIFICATIONS:

MAINLANES (INTERSTATE)	= 55 MPH
RAMPS (URBAN FREEWAY)	= 45 MPH
FRONTAGE ROADS (URBAN COLLECTOR)	= 35 MPH
TURNAROUNDS (URBAN COLLECTOR)	= 15 MPH
CROSS STREETS	= 30 MPH
ROUNDABOUTS	= 15 MPH


NEW BRAUNFELS
BEGIN PROPOSED PROJECT
STA 255+00.00
CSJ: 0016-05-114
END PROPOSED PROJECT
STA 780+00.00
CSJ: 0016-05-114
ROLL 1
ROLL 2
ROLL 3
ROLL 4
ROLL 5
46
377
1863
482
1604
725
35
10
SELMA
SCHERTZ
SAN ANTONIO

VICINITY MAP
N.T.S.


COMAL COUNTY, TEXAS
SAN ANTONIO DISTRICT

TEXAS COUNTY MAP
N.T.S.

ABBREVIATION	DEFINITION
℄	BASELINE
℄	CENTERLINE
CSJ	CONTROL SECTION JOB
COSS	CANTILEVERED OVERHEAD SIGN STRUCTURE
EL	ELEVATION
FL	FLOW LINE ELEVATION
EXIST	EXISTING
FR	FRONTAGE ROAD
GPL	GENERAL PURPOSE LANE
LT	LEFT
NB	NORTH BOUND
NBER	NORTH BOUND ENTRANCE RAMP
NBFR	NORTH BOUND FRONTAGE ROAD
NBXR	NORTH BOUND EXIT RAMP
NTS	NOT TO SCALE
OSB	OVERHEAD SIGN BRIDGE
OH	OVERHEAD
PROP	PROPOSED
ROW	RIGHT-OF-WAY
RT	RIGHT
SB	SOUTH BOUND
SBER	SOUTH BOUND ENTRANCE RAMP
SBFR	SOUTH BOUND FRONTAGE ROAD
SBXR	SOUTH BOUND EXIT RAMP
SDWK	SIDEWALK
STA	STATION
TxDOT	TEXAS DEPARTMENT OF TRANSPORTATION
VAR	VARIES

LEGEND:

- EXISTING ROW
- PROPOSED ROW
- EXISTING 100-YEAR FLOODPLAIN
- PROPOSED TEMP CONSTRUCTION EASEMENT
- PROPOSED DRAINAGE EASEMENT
- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING PLANIMETRIC FEATURES
- PROPOSED CENTERLINE/BASELINE
- PROPOSED PAVEMENT MARKING
- PROPOSED EDGE OF PAVEMENT
- PROPOSED CURB
- PROPOSED RETAINING WALL
- PROPOSED MAIN LANE
- PROPOSED FRTG/CROSS ROAD/RAMPS/TURNAROUND
- PROPOSED SIDEWALK
- EXISTING PAVEMENT/BRIDGE TO BE REMOVED
- EXISTING CULVERTS
- EXISTING BUILDINGS
- EXISTING BRIDGE
- PROPOSED BRIDGE
- PROPOSED BRIDGE ABUTMENT
- PROPOSED BRIDGE BENT
- PROPOSED NORTHEAST EXPANSION IMPROVEMENTS (BY OTHERS)
- → PROPOSED TRAFFIC FLOW
- CROSS DRAINAGE FLOW
- XX PROPERTY ID
- (#) PROPOSED TAPERS

UTILITIES LEGEND:

- TELEPHONE LINE (T)
- FIBER OPTIC/CABLE TV LINE (FO/C)
- WATER LINE (W)
- WASTEWATER LINE (WW)
- FORCE MAIN LINE (FM)
- GAS LINE (G)
- ELECTRIC LINE (E)

Texas Department of Transportation
SAN ANTONIO DISTRICT
MARIO R. JORGE, P.E. DISTRICT ENGINEER

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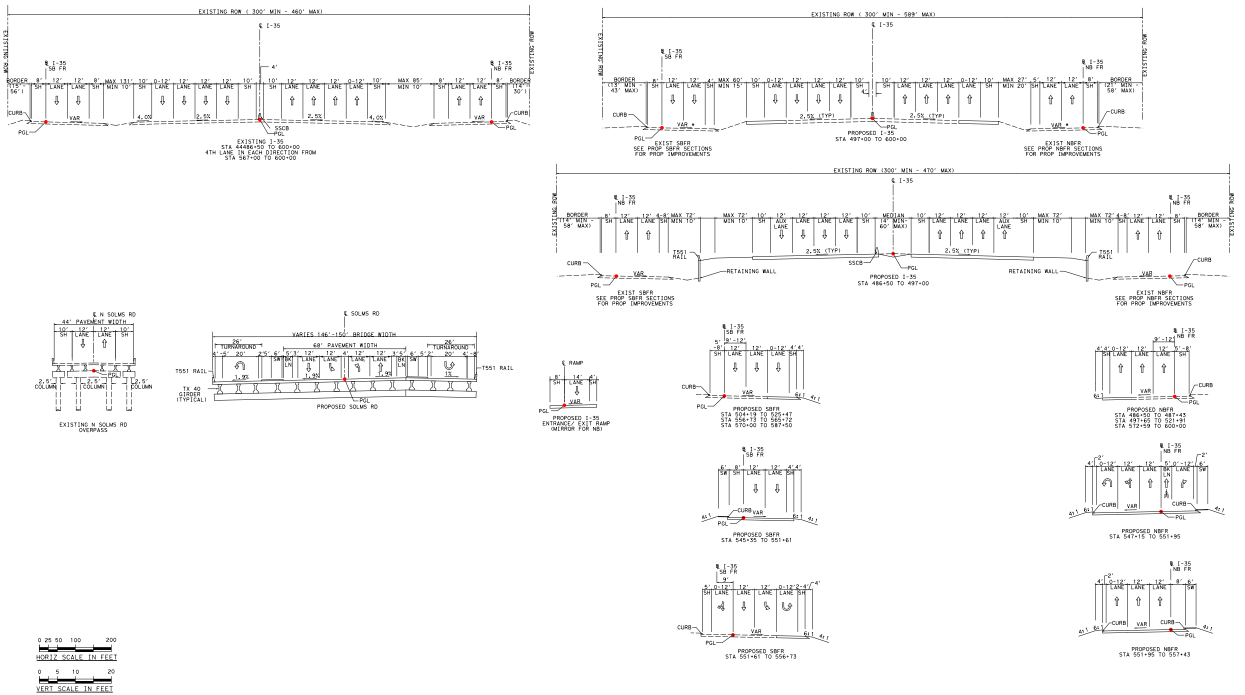
HALFF
TBPE, FIRM #F-312
300 E. SONTERRA BLVD, SUITE 230
SAN ANTONIO, TEXAS 78258
TEL (210) 798-1895
FAX (210) 798-1896

PRELIMINARY SUBJECT TO CHANGE

STATE	STATE DISTRICT	COUNTY		DATE	
TEXAS	SAT	COMAL		11/14/2017	
CONT.	SECT.	JOB	HIGHWAY NO.	DRAWN BY:	CC
0016	05	114	IH 35	CHECK BY:	KL

90% DRAFT

TYPICAL SECTIONS


EXISTING ROW (300' MIN - 460' MAX)
℄ I-35
℄ I-35 SB FR
℄ I-35 NB FR
EXISTING ROW
BORDER (15' - 56')
BORDER (14' - 30')
MAX 131' MIN 10'
MAX 85' MIN 10'
SH
LANE
CURB
VAR
4.0%
2.5%
SSCB
PGL
EXISTING I-35
STA 44486+50 TO 600+00
4TH LANE IN EACH DIRECTION FROM
STA 567+00 TO 600+00
EXISTING ROW (300' MIN - 589' MAX)
BORDER (13' MIN - 43' MAX)
BORDER (21' MIN - 58' MAX)
MAX 60' MIN 15'
MAX 27' MIN 20'
2.5% (TYP)
VAR *
PROPOSED I-35
STA 497+00 TO 600+00
EXIST SBFR
SEE PROP SBFR SECTIONS
FOR PROP IMPROVEMENTS
EXIST NBFR
SEE PROP NBFR SECTIONS
FOR PROP IMPROVEMENTS
EXISTING ROW (300' MIN - 470' MAX)
BORDER (14' MIN - 58' MAX)
MAX 72' MIN 10'
AUX LANE
MEDIAN (4' MIN- 60' MAX)
T551 RAIL
RETAINING WALL
PROPOSED I-35
STA 486+50 TO 497+00
℄ N SOLMS RD
44' PAVEMENT WIDTH
2.5' COLUMN
EXISTING N SOLMS RD OVERPASS
℄ SOLMS RD
VARIES 146'-150' BRIDGE WIDTH
68' PAVEMENT WIDTH
26' TURNAROUND
1.9%
1%
BK LN
SW
T551 RAIL
TX 40 GIRDER (TYPICAL)
PROPOSED SOLMS RD
℄ RAMP
PROPOSED I-35
ENTRANCE/ EXIT RAMP
(MIRROR FOR NB)
PROPOSED SBFR
STA 504+19 TO 525+47
STA 556+73 TO 565+72
STA 570+00 TO 587+50
PROPOSED NBFR
STA 486+50 TO 487+43
STA 497+65 TO 521+91
STA 572+59 TO 600+00
PROPOSED SBFR
STA 545+35 TO 551+61
PROPOSED NBFR
STA 547+15 TO 551+95
PROPOSED SBFR
STA 551+61 TO 556+73
PROPOSED NBFR
STA 551+95 TO 557+43
6:1
4:1
0 25 50 100 200
HORIZ SCALE IN FEET
0 5 10 20
VERT SCALE IN FEET

HALFF ASSOCIATES, INC.
ENGINEERS · SURVEYORS · SCIENTISTS

PRELIMINARY - FOR INTERIM REVIEW ONLY

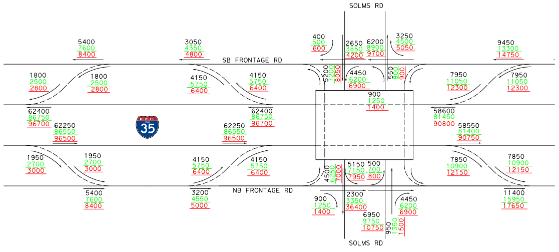
These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

NAME	PE#	Date
CHAD GARDINER	93793	11/14/2017
KEVIN LIPNICKY	108722	11/14/2017

HALFF FIRM REGISTRATION NUMBER: F-312

TRAFFIC LEGEND

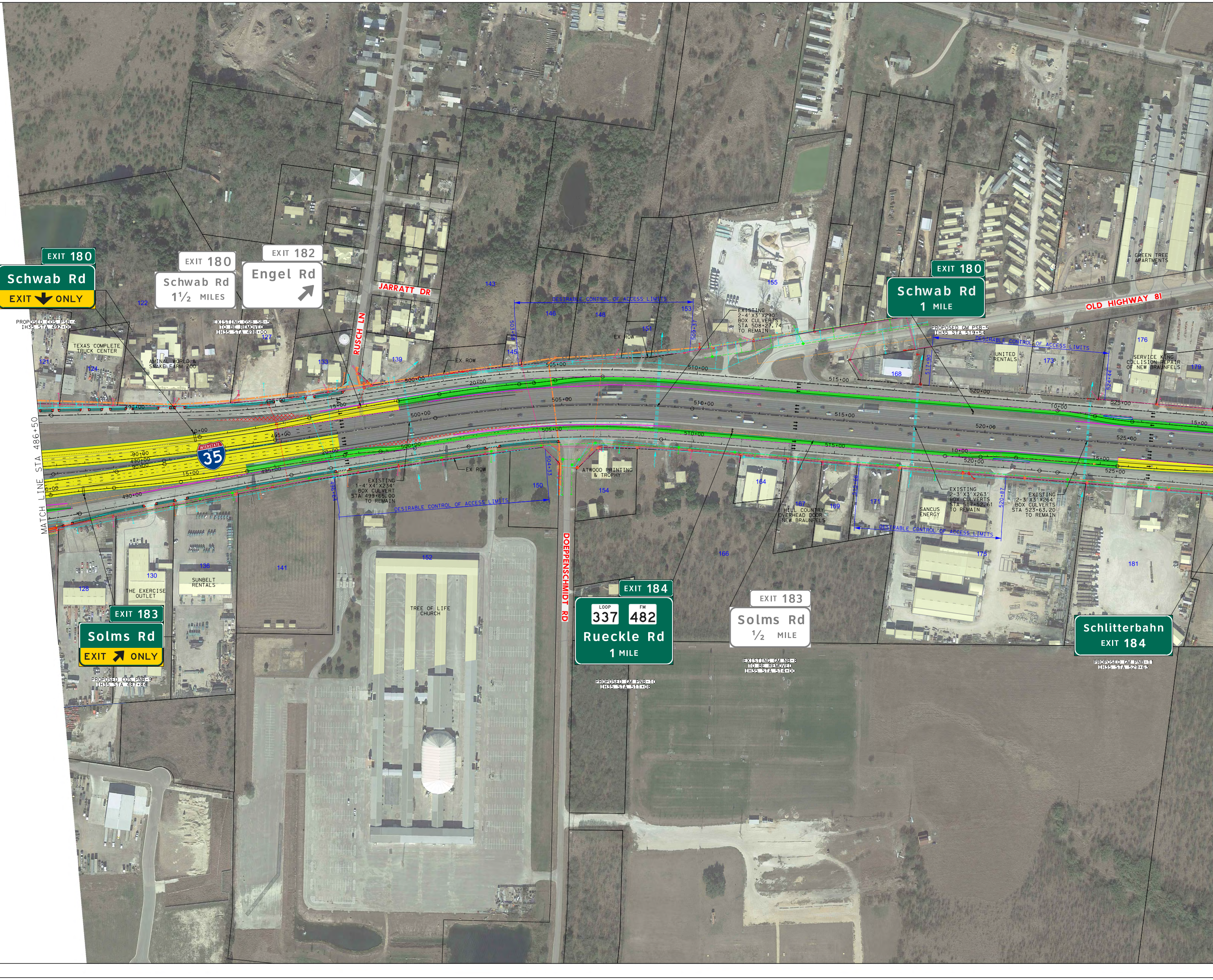
XXXX	YEAR 2024 ADT
XXXX	YEAR 2044 ADT
XXXX	YEAR 2054 ADT
●	SIGNALIZED INTERSECTION


SOLMS RD
SB FRONTAGE RD
NB FRONTAGE RD
35
5400 7600 8400
3050 4350 4800
400 500 600
2650 3850 4200
6200 8900 9700
3250 4500 5050
9450 13300 14750
1800 2500 2800
1800 2500 2800
4150 5750 6400
4150 5750 6400
5200 7200 8050
4450 6200 6900
550 800 900
900 1250 1400
7950 11050 12300
7950 11050 12300
62400 86750 96700
62250 86550 96500
62250 86550 96500
62400 86750 96700
58600 81450 90800
58550 81400 90750
1950 2700 3000
1950 2700 3000
4150 5750 6400
4150 5750 6400
4500 6250 7000
5150 7150 7950
500 700 800
7850 10900 12150
7850 10900 12150
5400 7600 8400
3200 4550 5000
900 1250 1400
2300 3350 36400
6950 9750 10750
950 1350 1500
4450 6200 6900
11400 15950 17650

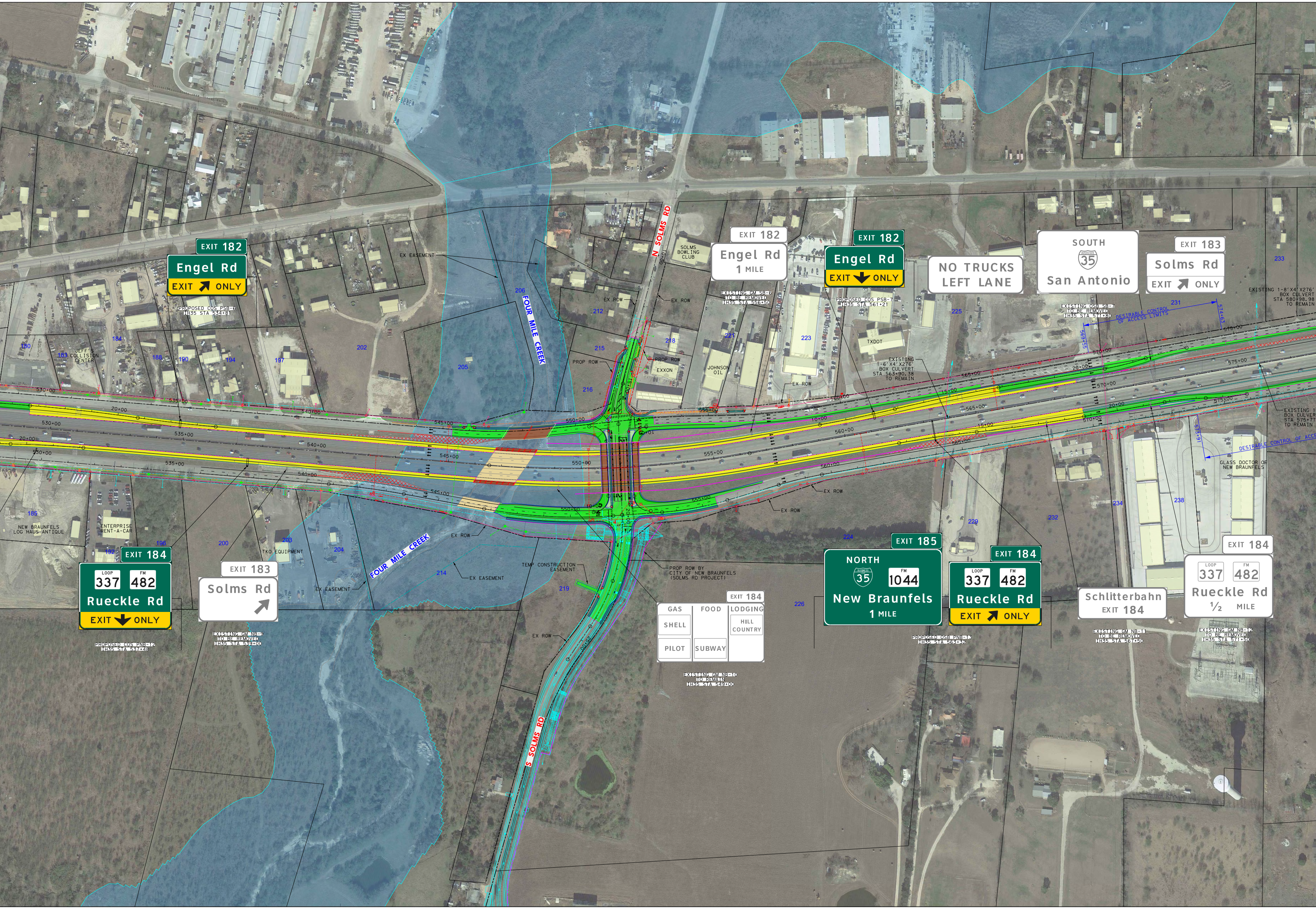
TRAFFIC DIAGRAM

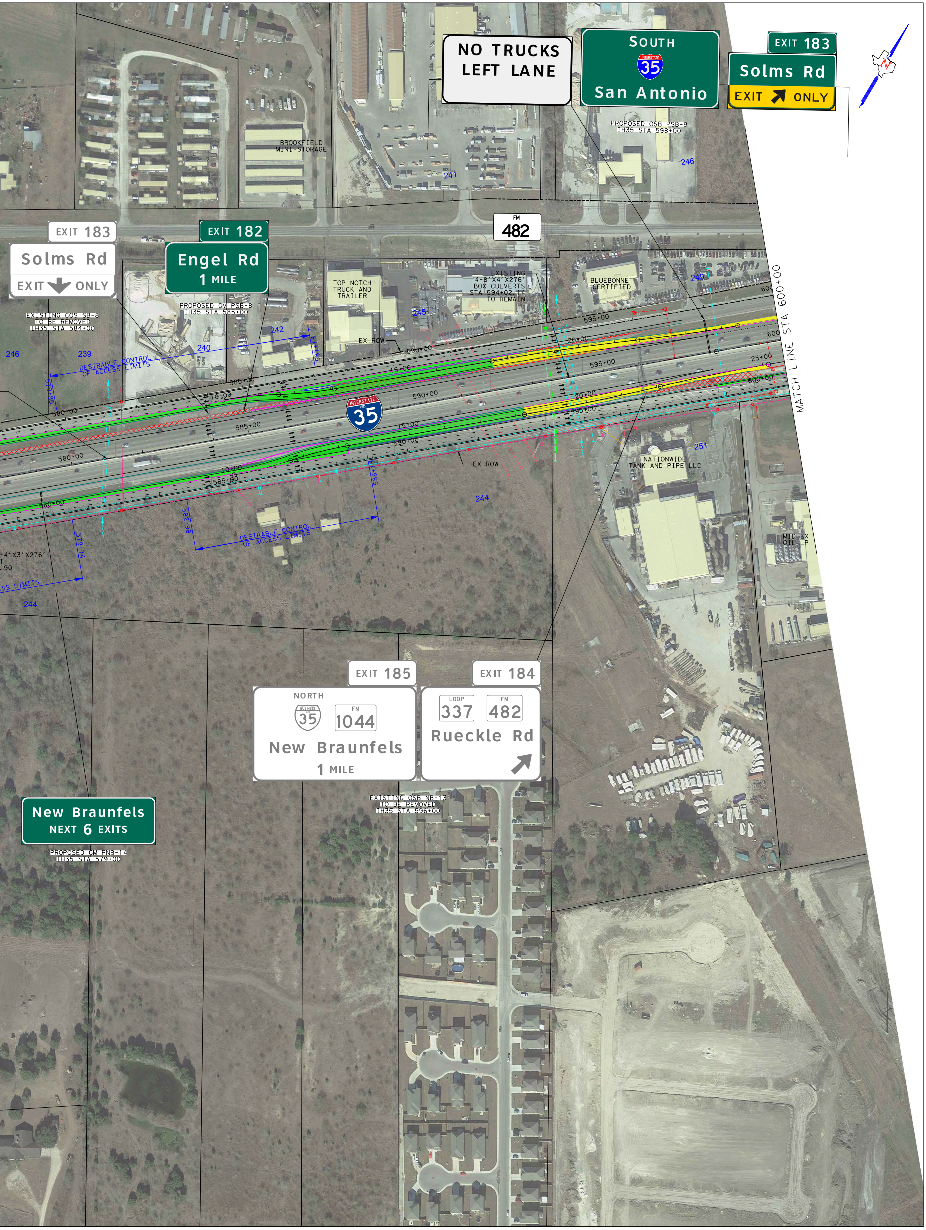
2024, 2044, AND 2054 ANTICIPATED AVERAGE DAILY TRAFFIC VOLUMES AND TURNING MOVEMENTS
AT SPECIFIED POINTS ALONG IH-35 FROM FM 1103 TO THE GUADALUPE RIVER.

TRANSPORTATION PLANNING AND PROGRAMMING DIVISI
DATE May 8, 2017 COMAL COUN


MATCH LINE STA 486+50
EXIT 180
Schwab Rd
EXIT ONLY
PROPOSED COS PSB-4
IH35 STA 492+00
EXIT 180
Schwab Rd
1½ MILES
EXISTING OSB SB-5
TO BE REMOVED
IH35 STA 498+00
EXIT 182
Engel Rd
JARRATT DR
RUSCH LN
TEXAS COMPLETE
TRUCK CENTER
AMINAL WORLD &
SNAKE FARM ZOO
121
122
124
127
133
139
143
145
146
148
151
153
155
DESIRABLE CONTROL OF ACCESS LIMITS
503+80
509+37
EX ROW
EXISTING
2-4'X3'X290'
BOX CULVERTS
STA 508+27.74
TO REMAIN
EXIT 180
Schwab Rd
1 MILE
PROPOSED GM PSB-5
IH35 STA 519+54
OLD HIGHWAY 81
GREEN TREE
APARTMENTS
UNITED
RENTALS
168
173
176
179
517+90
524+44
SERVICE KING
COLLISION REPAIR
OF NEW BRAUNFELS
490+00
495+00
500+00
505+00
510+00
515+00
520+00
525+00
10+00
15+00
20+00
35
EXISTING
1-4'X4'X234'
BOX CULVERT
STA 499+65.00
TO REMAIN
EX ROW
496+64
504+33
150
DOEPPENSCHMIDT RD
ATWOOD PRINTING
& TROPHY
154
164
HILL COUNTRY
OVERHEAD DOOR
NEW BRAUNFELS
167
169
171
515+66
520+87
EXISTING
2-3'X3'X263'
BOX CULVERTS
STA 517+52.61
TO REMAIN
SANCUS
ENERGY
EXISTING
2-3'X3'X264'
BOX CULVERTS
STA 523+63.20
TO REMAIN
175
181
166
128
130
THE EXERCISE
OUTLET
136
SUNBELT
RENTALS
141
152
TREE OF LIFE
CHURCH
EXIT 183
Solms Rd
EXIT ONLY
PROPOSED COS PNB-9
IH35 STA 487+84
EXIT 184
LOOP
337
FM
482
Rueckle Rd
1 MILE
PROPOSED GM PNB-10
IH35 STA 511+08
EXIT 183
Solms Rd
½ MILE
EXISTING GM NB-8
TO BE REMOVED
IH35 STA 514+00
Schlitterbahn
EXIT 184
PROPOSED GM PNB-11
IH35 STA 529+63

ION
NTY


EXIT 182
Engel Rd
EXIT ONLY
PROPOSED COS PSB-6
IH35 STA 534+81
EX EASEMENT
180
183
JEFF'S COLLISION CENTER
184
188
190
194
197
202
205
206
FOUR MILE CREEK
N SOLMS RD
EXIT 182
Engel Rd
1 MILE
EXISTING GM SB-6
TO BE REMOVED
IH35 STA 556+50
SOLMS BOWLING CLUB
EXIT 182
Engel Rd
EXIT ONLY
PROPOSED COS PSB-7
IH35 STA 561+21
NO TRUCKS
LEFT LANE
SOUTH
35
San Antonio
EXISTING OSB SB-7
TO BE REMOVED
IH35 STA 571+80
EXIT 183
Solms Rd
EXIT ONLY
233
EXISTING 1-8'X4'X276' BOX CULVERT
STA 580+98.98
TO REMAIN
DESIRABLE CONTROL OF ACCESS LIMITS
231
574+63
569+55
225
212
EX ROW
215
218
221
223
PROP ROW
EXXON
JOHNSON OIL
TXDOT
216
EX ROW
EXISTING 1-6'X4'X276' BOX CULVERT
STA 563+90.38
TO REMAIN
EXISTING 1 BOX CULVERT
STA 575+77
TO REMAIN
573+91
DESIRABLE CONTROL OF ACC
GLASS DOCTOR OF NEW BRAUNFELS
530+00
535+00
540+00
545+00
550+00
555+00
560+00
565+00
570+00
575+00
10+00
15+00
20+00
185
NEW BRAUNFELS LOG HAUS ANTIQUE
ENTERPRISE RENT-A-CAR
196
192
200
203
TKO EQUIPMENT
204
FOUR MILE CREEK
214
EX ROW
EX EASEMENT
EX EASEMENT
TEMP CONSTRUCTION EASEMENT
219
PROP ROW BY
CITY OF NEW BRAUNFELS
(SOLMS RD PROJECT)
EX ROW
EX ROW
224
226
229
232
234
238
EXIT 184
LOOP 337
FM 482
Rueckle Rd
EXIT ONLY
PROPOSED COS PNB-12
IH35 STA 537+48
EXIT 183
Solms Rd
EXISTING GM NB-9
TO BE REMOVED
IH35 STA 539+00
EXIT 184
GAS
FOOD
LODGING
SHELL
HILL COUNTRY
PILOT
SUBWAY
EXISTING GM NB-10
TO REMAIN
IH35 STA 549+00
EXIT 185
NORTH
BUSINESS LOOP 35
FM 1044
New Braunfels
1 MILE
PROPOSED OSB PNB-13
IH35 STA 563+32
EXIT 184
LOOP 337
FM 482
Rueckle Rd
EXIT ONLY
Schlitterbahn
EXIT 184
EXISTING GM NB-11
TO BE REMOVED
IH35 STA 567+50
EXIT 184
LOOP 337
FM 482
Rueckle Rd
½ MILE
EXISTING GM NB-12
TO BE REMOVED
IH35 STA 571+50
S SOLMS RD


NO TRUCKS LEFT LANE
SOUTH
35
San Antonio
EXIT 183
Solms Rd
EXIT ONLY
PROPOSED OSB PSB-9
IH35 STA 598+00
BROOKFIELD
MINI-STORAGE
241
246
FM
482
EXIT 183
Solms Rd
EXIT ONLY
EXIT 182
Engel Rd
1 MILE
PROPOSED GM PSB-8
IH35 STA 585+00
EXISTING COS SB-8
TO BE REMOVED
IH35 STA 584+00
TOP NOTCH
TRUCK AND
TRAILER
EXISTING
4-8'X4'X276'
BOX CULVERTS
STA 594+02.14
TO REMAIN
BLUEBONNET
CERTIFIED
249
245
242
240
239
246
EX ROW
DESIRABLE CONTROL
OF ACCESS LIMITS
579+85
587+13
580+00
585+00
590+00
595+00
600+00
10+00
15+00
20+00
25+00
35
MATCH LINE STA 600+00
588+13
582+98
579+74
EX ROW
251
NATIONWIDE
TANK AND PIPE LLC
244
DESIRABLE CONTROL
OF ACCESS LIMITS
-4'X3'X276'
T
.90
SS LIMITS
244
MIDTEX
OIL LP
EXIT 185
NORTH
35
FM
1044
New Braunfels
1 MILE
EXIT 184
LOOP
337
FM
482
Rueckle Rd
EXISTING OSB NB-13
TO BE REMOVED
IH35 STA 596+00
New Braunfels
NEXT 6 EXITS
PROPOSED GM PNB-14
IH35 STA 579+00