SCHEMATIC LAYOUT
OLD ALICE ROAD
CAMERON COUNTY

DESIGN DATA

LIMITS: FROM: SPORTS PARK BOULEVARD
TO: SH 550 (FM 511)
C.S.J.: 0920-06-090
LENGTH: 4.9 MILES
PHARR DISTRICT
DESIGN SPEED: URBAN 45 MPH
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
TxDOT DESIGN AND PROCEDURES MANUAL
DESIGN CRITERIA: CHAPTER 3
SECTION 2 (URBAN)
+ MUSC + 6%

RMA
MOBILITY AUTHORITY

Texas Department of Transportation

S|B
SIMON | BRAUN

OLD ALICE ROAD
SCHEMATIC LAYOUT

DESIGNED		SHEET	OF
DRAWN			
REVIEWED			
SUPERVISOR			
INITIAL	DATE	REVISION	

CURRENT AND PROJECTED TRAFFIC VOLUMES
FROM SPORTS PARK BOULEVARD TO SH 550 (FM 511)
2018 ADT 8,000
2040 ADT 12,000
PERCENT TRUCKS: 4.6% ADT

CURRENT AND PROJECTED TRAFFIC VOLUMES
FROM SH 550 (FM 511) TO SH 100
2018 ADT 12,000
2040 ADT 24,000
PERCENT TRUCKS: 8.5% ADT

ROLL 3 OF 3

NOT A
BIDDING DOCUMENT
7/24/2020

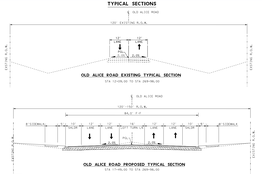
PLAN LEGEND

- EXISTING RIGHT OF WAY
- EXISTING PROPERTY LINE
- EXISTING BREAKLINE (3D)
- APPROX. LOCATION OF SEWER LINE
- APPROX. LOCATION OF POWER LINE
- APPROX. LOCATION OF FIBER MAIN
- APPROX. LOCATION OF WATER LINE
- APPROX. LOCATION OF FIBER OPTIC CABLE
- APPROX. LOCATION OF GAS LINE
- APPROX. LOCATION OF BURIED CABLE
- PROPOSED PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED TRAFFIC
- EXISTING TRAFFIC
- TELEPHONE POLE
- WATER VALVE
- POWER POLE

PROFILE LEGEND

- PROPOSED PROFILE GRADE LINE
- EXISTING NATURAL GROUND

TYPICAL SECTIONS



CURVE	PI STA	Δ	D	L	L/2	T	PT STA	PT	PRC STA	PRC	PT STA	PT	PRC STA	PRC	PT STA
CL A	18+70.00	15.0	4°	376.99	188.50	94.78	22+46.99	22+46.99	18+75.22	18+75.22	22+52.21	22+52.21	18+81.43	18+81.43	22+57.43
CL B	23+50.00	15.0	4°	376.99	188.50	94.78	27+26.99	27+26.99	23+55.22	23+55.22	27+32.21	27+32.21	23+61.43	23+61.43	27+37.43
CL C	27+84.97	15.0	4°	376.99	188.50	94.78	31+61.96	31+61.96	27+89.19	27+89.19	31+67.18	31+67.18	27+95.40	27+95.40	31+72.40
CL D	32+19.94	15.0	4°	376.99	188.50	94.78	35+96.93	35+96.93	32+24.16	32+24.16	36+02.15	36+02.15	32+30.37	32+30.37	36+07.37
CL E	36+54.90	15.0	4°	376.99	188.50	94.78	40+31.89	40+31.89	36+59.12	36+59.12	40+37.12	40+37.12	36+65.34	36+65.34	40+42.34
CL F	40+89.87	15.0	4°	376.99	188.50	94.78	44+66.86	44+66.86	40+94.09	40+94.09	44+72.09	44+72.09	41+00.31	41+00.31	44+77.31

90% SUBMITTAL
5-5-2020

WOLFE ERIC M
OLMITO WATER SUPPLY CORP
CAMERON COUNTY
DELTA FARMS II LLC
DELTA FARMS II LLC
DELTA FARMS II LLC
WHISENANT B R JR TR
WHISENANT B R JR TR
CAMERON
CAMERON COUNTY
CAMERON COUNTY
OLD ALICE ROAD
CONSTABLE
SIERRA BLANCA
ALVAREZ ADAM
ALVAREZ ADAM
ALVAREZ ADAM