CITY OF ROUND ROCK
GEOMETRIC SCHEMATIC

GATTIS SCHOOL ROAD SEGMENTS 4 & 5
WILLIAMSON COUNTY

WIDENING OF GATTIS SCHOOL ROAD SEGMENTS INCL
FROM SOUTH MAYFAIR TO SOUTH WESTLAKE
IN A MAJOR ARTERIAL WITHIN A 100 FT ROW

SEGMENT 4	SEGMENT 5
FROM: DOUBLE CREEK DR	FROM: KENNEY FORT BLVD
TO: KENNEY FORT BLVD	TO: SW TEMPLE TRAIL
LENGTH OF PROJECT = 0.74 MILES / 3,910 FT	LENGTH OF PROJECT = 0.78 MILES / 4,116 FT

NET LENGTH OF PROJECT = 0.96 MILES / 5,154 FT

FUNCTIONAL CLASS	
DOUBLE CREEK DR	URBAN MAJOR ARTERIAL
DOUBLE CREEK DR	URBAN MAJOR ARTERIAL
KENNEY FORT BLVD	URBAN MAJOR COLLECTOR
SW SCHOOL TRAIL	URBAN MINOR COLLECTOR

LANE WIDTHS	
DOUBLE CREEK DRIVE	40 WIDE LANE SHARED
DOUBLE CREEK DRIVE	40 WIDE LANE SHARED
KENNEY FORT BLVD	40 WIDE LANE SHARED
SW SCHOOL TRAIL	40 WIDE LANE SHARED

ROADWAY	YEAR	ADT	20-YR ADT
GATTIS SCHOOL RD	2015	8,000	TBD
DOUBLE CREEK DR	2015	9,300	TBD
KENNEY FORT BLVD	2015	10,800	43,200

SIGNAL 4 | 4
STOP 1 | 1
LEVEL | RURAL

EXCEPTIONS/ NOTE:
ADJUSTMENS IN SLAPTON SCHOOL NEIG.
STA 104+00 TO STA 105+50 (BEGIN SEG. 4)
STA 115+75.00 (BEG. OF SEG. 5)
STA 116+00 TO STA 117+50 (END SEG. 5)
MAJOR/CRIT.CROSSINGS: NONE

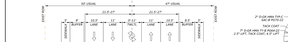
PRELIMINARY
SUBJECT TO CHANGE

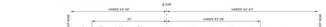
NOTES:
1. NOT A BIDDING DOCUMENT
2. ALL DIMENSIONS ARE SHOWN FOR SUPPORT PURPOSES ONLY

SURVEY DATA: STATE PLANE COORDINATES, SECTION, TOWNS CENTRAL ZONE, NAD83
PROJECTED TO SURFACE USING TEXAS TRIANGLE COMBINED SCALE FACTOR
PROPOSED DESIGN STANDARDS FOR "GATTIS" SCHOOL ROAD SEGMENTS 4 & 5
PROPOSED DESIGN STANDARDS FOR "GATTIS" SCHOOL ROAD SEGMENTS 4 & 5 REVISED: FEBRUARY 2022

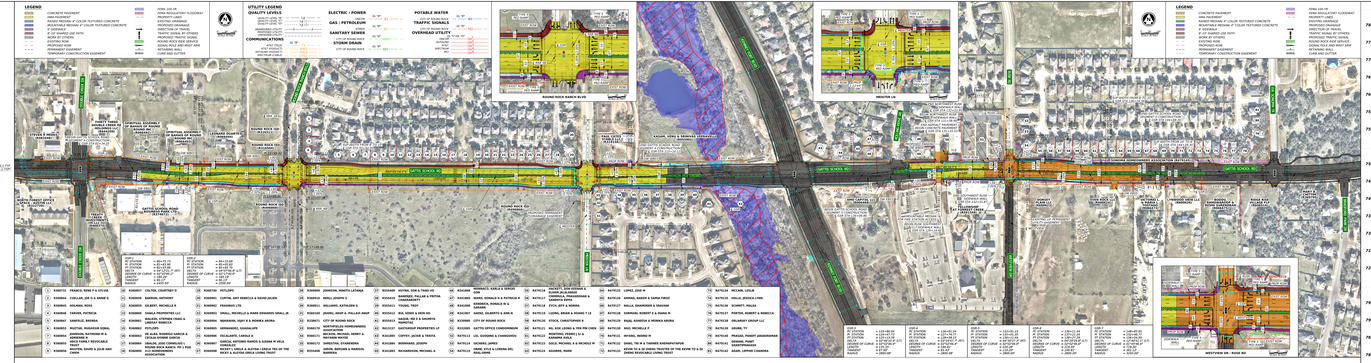
ROUND ROCK TEXAS

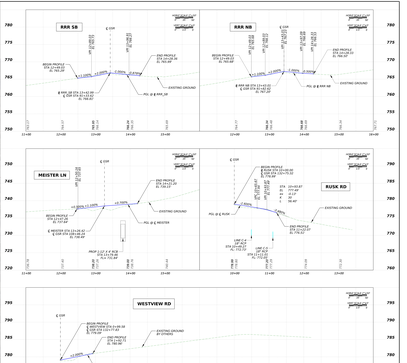
JMT
CIVIL INFRASTRUCTURE
CIVIL SITE DEVELOPMENT





INTERSECTION	DIRECTION OF TRAVEL	TURN LANE	STORAGE (FT)	DECELERATION (FT)	TAPER (FT)	TOTAL LENGTH (FT)
SUMMARY OF LEFT AND RIGHT TURN LANES						
ROUND ROCK RANCH BLVD	EASTBOUND	RIGHT	150	185	100	435
	WESTBOUND	LEFT	175	205	100	480
	WESTBOUND	RIGHT	150	185	100	435
MEISTER LN	EASTBOUND	LEFT	125	205	100	430
	EASTBOUND	RIGHT	125	185	100	410
	WESTBOUND	LEFT	125	205	100	430
	WESTBOUND	RIGHT	125	185	100	410
RUSK RD/ WESTVIEW DR	EASTBOUND	LEFT	150	205	100	455
	EASTBOUND	RIGHT	150	185	100	435
	WESTBOUND	LEFT	150	205	100	455
	WESTBOUND	RIGHT	150	185	100	435





DRIVEWAY NAME	CLASSIFICATION*	DRIVEWAY STATION AT CGIP	WIDTH (FT)	RADII (FT)	ELEVATION DIFFERENCE (FT)	LINE 1			LINE 2			DRIVEWAY GRADE (%)	ELEVATION DIFFERENCE (FT)	LINE 3		
						LENGTH OF VERTICAL CURVE	G INT	LENGTH OF CURVE	LENGTH OF VERTICAL CURVE	G INT	LENGTH OF CURVE			LENGTH OF VERTICAL CURVE	G INT	LENGTH OF CURVE
DRV 1	TYPE C COMMERCIAL	119+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 2	TYPE C COMMERCIAL	120+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 3	TYPE C COMMERCIAL	121+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 4	TYPE C COMMERCIAL	122+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 5	TYPE C COMMERCIAL	123+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 6	TYPE C COMMERCIAL	124+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 7	TYPE C COMMERCIAL	125+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 8	TYPE C COMMERCIAL	126+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 9	TYPE C COMMERCIAL	127+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 10	TYPE C COMMERCIAL	128+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 11	TYPE C COMMERCIAL	129+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 12	TYPE C COMMERCIAL	130+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 13	TYPE C COMMERCIAL	131+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 14	TYPE C COMMERCIAL	132+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 15	TYPE C COMMERCIAL	133+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 16	TYPE C COMMERCIAL	134+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 17	TYPE C COMMERCIAL	135+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 18	TYPE C COMMERCIAL	136+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 19	TYPE C COMMERCIAL	137+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 20	TYPE C COMMERCIAL	138+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 21	TYPE C COMMERCIAL	139+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0
DRV 22	TYPE C COMMERCIAL	140+48.97	25.0	25.0	0.0	50.0	10+00.00	50.0	50.0	10+00.00	50.0	0.00%	0.0	50.0	10+00.00	50.0

*Classification defined by CoRR transportation specification