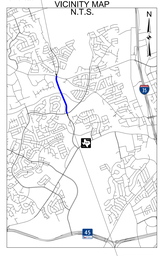
ROUND ROCK TEXAS

WYOMING SPRINGS
PRELIMINARY SCHEMATIC
ROLL 1 OF 2

LENGTH OF PROJECT:	3007 ft
ROADWAY CLASSIFICATION:	ARTERIAL
DESIGN SPEED:	35 mph
MINIMUM HORIZONTAL CURVE:	1,000 ft
OPENING ADT:	3,800
20 YR ADT:	15,100
MINIMUM RIGHT-OF-WAY:	100'/140'

END PROJECT
STA 157+00.00

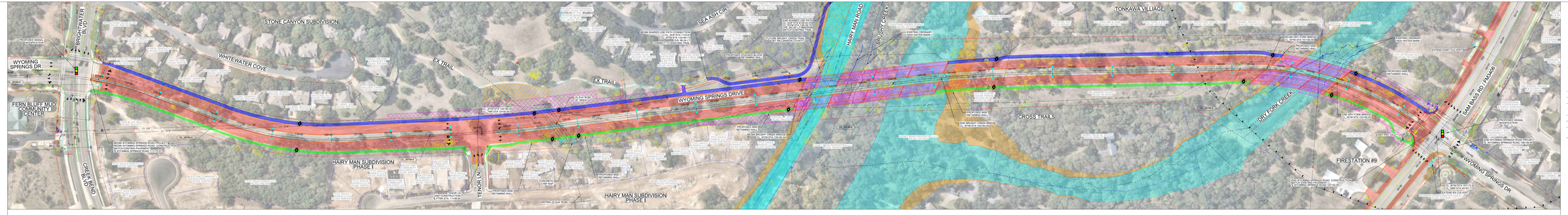
VICINITY MAP
N.T.S.

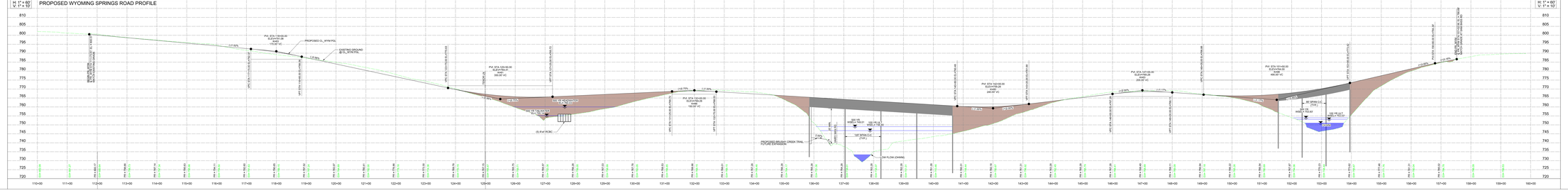


SCALE: 1"=40'

HALFF
1900 SPRINGDALE ROAD
SUITE 100 (78723)
AUSTIN, TX 78703
512-777-4600
TBPELS ENGINEERING FIRM F-312

JUNE 2020





ROUND ROCK TEXAS

WYOMING SPRINGS
PRELIMINARY SCHEMATIC
ROLL 1 OF 2

LEGEND

PARCEL LINE	ASPHALT PAVEMENT
PROPOSED R.O.W.	BRIDGE
EX ROW	SIDEWALK
SUP EASEMENT	SHARED USE PATH
CREEK CENTERLINE	100-YR FLOODPLAIN
ROADWAY CENTERLINE	500-YR FLOODPLAIN
EXISTING CURBS / PROPOSED CURB & GUTTER	FLOODWAY
RETAINING WALL	PROP ROW ACQUISITION
DIRECTION OF TRAFFIC	SHARED USE PATH EASMT
	FUTURE BRUSHY CREEK TRAIL EXTENSION
WATER QUALITY / TREATMENT UNIT	ILLUMINATION
EXISTING TREE	SANITARY SEWER MANHOLE
PROPOSED TREE	STORM MANHOLE
ELECTRIC MANHOLE	WATER AIR RELEASE VALVE
FIRE HYDRANT	WATER MANHOLE
LIGHT POLE	WATER VALVE
POWER POLE	WELL

NOTES:
1) AERIAL FLOWN BY NEARMAP 11/30/2019
2) FLOOD PLAIN PER FEMA FLOOD INSURANCE RATE FIRMS, 48491C0485F, EFFECTIVE 12/20/2019
3) PROJECT LOCATED IN EDWARDS AQUIFER RECHARGE ZONE
4) 100-YR (0.1%ANTE AND 500-YR WATER SURFACE ELEVATIONS (WSEL) SHOWN
5) 100-YR WSEL ELEVATIONS SHOWN BASED ON ATLAS 14 RAINFALL DATA. 500-YR WSEL ELEVATIONS 100-YR ATLAS 14 CLIMATE CONDITION PER CITY OF ROUND ROCK GUIDANCE.
6) CULVERT CROSSING HEAD AND TAILWATER SHOWN BASED ON ATLAS 14 RAINFALL DATA.

PRELIMINARY
FOR INTERNAL REVIEW ONLY

THESE DOCUMENTS ARE USE FOR INTERNAL REVIEW ONLY. NOT APPROVED FOR CONSTRUCTION PURPOSES. THESE DOCUMENTS WERE NOT PREPARED OR SEALED BY A LICENSED PROFESSIONAL ENGINEER OR UNDER THE SUPERVISION OF:

JOSHUA L. MAY
PE NUMBER
STATE OF TEXAS

NAME

DATE: 06/05/20

SCALE: 1"=40'

JUNE 2020

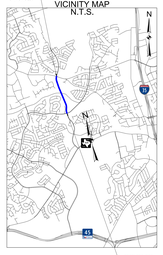
ROUND ROCK TEXAS

WYOMING SPRINGS
PRELIMINARY SCHEMATIC
ROLL 2 OF 2

LENGTH OF PROJECT:	3007 ft
ROADWAY CLASSIFICATION:	ARTERIAL
DESIGN SPEED:	45 mph
MINIMUM HORIZONTAL CURVE:	1,000 ft
OPENING ADT:	3,800
20-YR ADT:	15,100
MINIMAX RIGHT-OF-WAY:	103'/140'

END PROJECT
STA 100+00.00

VICINITY MAP
N.T.S.



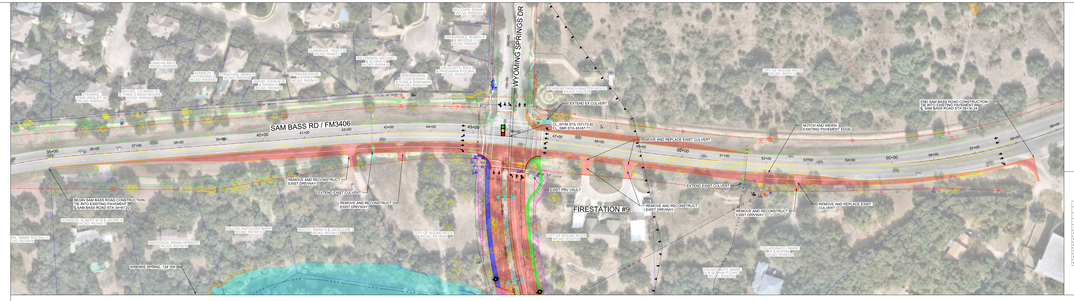
BEGIN PROJECT
STA 70+00.00

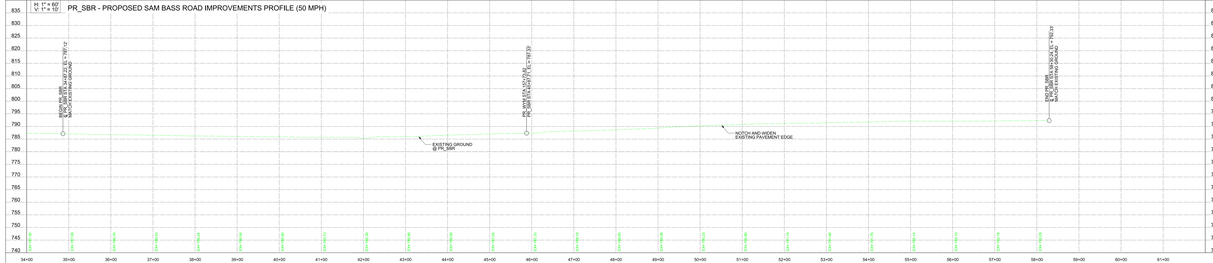
N

0 30 60 90 120
SCALE: 1"=60'

HALFF
1105 WEST 6TH STREET
SUITE 300
AUSTIN, TX 78703
(512) 777-4600
TBPELS ENGINEERING FIRM F-312

JUNE 2020

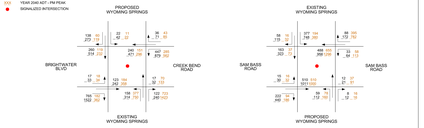




TRAFFIC LEGEND

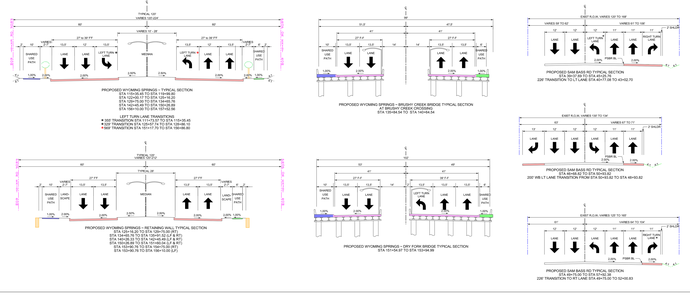
XXX OPENING ADT – AM PEAK
XXX OPENING ADT – PM PEAK
XXX YEAR 2040 ADT – AM PEAK
XXX YEAR 2040 ADT – PM PEAK
SIGNALIZED INTERSECTION

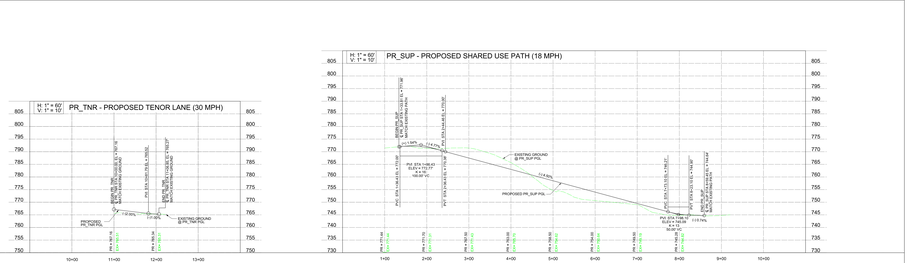
TRAFFIC DIAGRAM



CURVE DATA

CURVE	P.I. STATION	P.I. STATION - N	P.I. STATION - E	DELTA	RADIUS	DEGREE	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
CL_SBR-1	34+00.00	N 10,167,000.00	E 3,114,000.00	0°00'00" (RT)	1,000.00	0° 00' 00"	0.00	0.00	N, 0° 00' 00" E	0.00	34+00.00	34+00.00	N, 0° 00' 00" E	N, 0° 00' 00" E
CL_SBR-2	40+03.85	N 10,167,600.00	E 3,114,000.00	14° 17' 24" (LT)	1,200.00	4° 46' 28"	151.85	301.00	N, 7° 08' 42" E	300.31	38+52.00	41+53.00	N, 0° 00' 00" E	N, 14° 17' 24" E
CL_SBR-3	52+17.07	N 10,167,000.00	E 3,116,210.71	8° 41' 27" (LT)	3,200.00	1° 47' 28"	243.15	485.36	N, 72° 41' 11" E	484.89	49+73.93	54+59.29	N, 14° 17' 24" E	N, 5° 35' 57" E
CL_SBR-4	59+11.57	N 10,167,418.00	E 3,116,600.01	22° 35' 30" (LT)	1,400.00	4° 05' 22"	419.00	812.57	N, 60° 23' 28" E	811.22	54+92.25	62+11.86	N, 75° 01' 57" E	N, 68° 42' 46" E
CL_SYR-1	104+68.19	N 10,162,775.00	E 3,120,101.68	21° 57' 47" (RT)	1,000.00	5° 43' 48"	194.04	383.33	N, 32° 28' 53" W	380.98	102+74.14	106+57.46	N, 42° 27' 46" W	N, 21° 29' 59" W
CL_SYR-2	111+00.37	N 10,163,405.00	E 3,119,840.00	22° 37' 44" (RT)	1,000.00	5° 43' 48"	209.11	412.4	N, 8° 21' 07" W	409.98	109+66.70	113+79.10	N, 21° 29' 59" W	N, 1° 51' 47" E
CL_SYR-3	119+39.19	N 10,164,164.51	E 3,119,863.68	23° 24' 50" (LT)	1,000.00	5° 43' 48"	203.90	407.84	N, 6° 32' 08" W	405.05	116+54.62	120+62.37	N, 1° 51' 47" E	N, 21° 33' 00" W
CL_SYR-4	126+00.00	N 10,164,800.00	E 3,119,800.00	0°00'00" (RT)	1,000.00	0° 00' 00"	0.00	0.00	N, 21° 33' 00" W	0.00	126+00.00	126+00.00	N, 21° 33' 00" W	N, 21° 33' 00" W
CL_SYR-5	141+00.00	N 10,166,225.00	E 3,119,610.00	8° 51' 57" (RT)	3,000.00	1° 47' 28"	233.35	526.29	N, 32° 25' 00" W	525.54	138+44.38	144+05.66	N, 20° 28' 47" W	N, 14° 24' 50" W
CL_SYR-6	153+62.00	N 10,167,390.00	E 3,119,505.92	34° 04' 50" (RT)	1,000.00	5° 43' 48"	325.68	629.65	N, 1° 22' 52" W	619.3	150+48.34	156+98.00	N, 14° 24' 50" W	N, 19° 39' 57" E





ROUND ROCK TEXAS

WYOMING SPRINGS
PRELIMINARY SCHEMATIC
ROLL 2 OF 2

LEGEND

- PARCEL LINE
- PROPOSED R.O.W.
- ER ROW
- SUP EASEMENT
- CREEK CENTERLINE
- ROADWAY CENTERLINE
- EXISTING SYRINGO-PROPOSED WYOMING SPRINGS
- RETAINING WALL
- DIRECTION OF TRAFFIC
- WATER QUALITY POND/DETENTION CAP
- EXISTING TREE
- PROPOSED TREE
- ELECTRIC MANHOLE
- FIRE HYDRANT
- LIGHT POLE
- POWER POLE
- ASPHALT PAVEMENT
- BRIDGE
- SIDEWALK
- SHARED USE PATH
- 100-YR FLOODPLAIN
- 500-YR FLOODPLAIN
- FLOODWAY
- PROP ROW ACQUISITION
- SHARED USE PATH EASMT
- FUTURE BRUSHY CREEK TRAIL EXTENSION
- ILLUMINATION
- SANITARY SEWER MANHOLE
- STORM MANHOLE
- WATER AIR RELEASE VALVE
- WATER MANHOLE
- WATER VALVE
- WELL

NOTES:
1) ARERIAL PLOWN BY NEARMAP 11/30/2018
2) FEMA FIRM DATA FROM FEMA FIRM PANEL 48491C0485F, EFFECTIVE 12/20/2019
3) PROJECT LOCATED IN EDWARDS AQUIFER RECHARGE ZONE
4) 100-YR FLOWRATE AND 500-YR WATER SURFACE ELEVATIONS WERE SHOWN
5) 100-YR FLOWRATE AND 500-YR WATER SURFACE ELEVATIONS WERE PROVIDED BY WILLIAMSON COUNTY FOR WYOMING SPRINGS DRAINAGE STUDY
100-YR FLAT ELEV IS CLOSEST CONDITION PER CITY OF ROUND ROCK GUIDANCE
5) CULVERT CROSSING HEAD AND TAILWATER SHOWN BASED ON ATLAS 14 RAINFALL DATA.

PRELIMINARY
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JEFFREY L. HANDY
TEXAS NO. 112 180

DATE: _____ SIGNATURE: _____

JUNE 2020