Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_01_ULT_SOUTH PM 2026.dgn
Printer Driver: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/pdf-c.pltcfg
Pen Table: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/TX_Pen.tbl

Texas Department of Transportation®

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 01 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

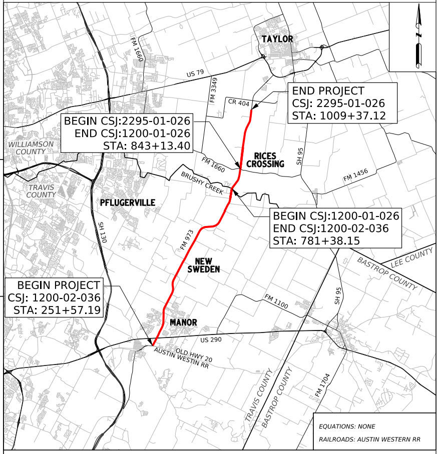
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY	SUBURBAN FREEWAY	65 MPH
	PRINCIPAL ARTERIAL	BOULEVARD	55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR	LOCAL ROAD/	35 MPH
	URBAN COLLECTOR	LOCAL ROAD	30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


TAYLOR
FM 1660
US 79
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
RICES CROSSING
SH 95
FM 1660
BRUSHY CREEK
FM 1456
TRAVIS COUNTY
PFLUGERVILLE
SH 130
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
FM 973
NEW SWEDEN
LEE COUNTY
BASTROP COUNTY
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
FM 1100
SH 95
MANOR
US 290
OLD HWY 20
AUSTIN WESTIN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704

EQUATIONS: NONE
RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

PRELIMINARY
SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:
NOT FOR CONSTRUCTION, BIDDING
OR PERMITTING

DESIGN STANDARDS USED
TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100'
0 50 100 200

VERT SCALE: 1"=10'
10 5 0 10

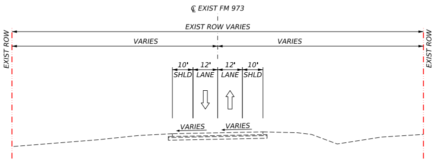
NOT A BIDDING DOCUMENT
DATE

PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

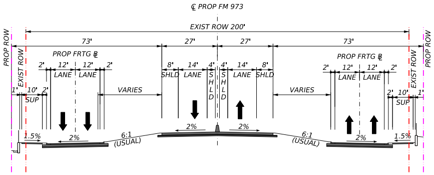
SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT
RECOMMENDED BY
RECOMMENDED BY
ADVANCED PROJECT
DEVELOPMENT DIRECTOR
DISTRICT DESIGN ENGINEER
RECOMMENDED BY
APPROVED BY
AREA ENGINEER
DIRECTOR, TRANSPORTATION
PLANNING & DEVELOPMENT

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

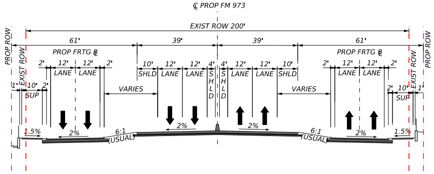
Plotted on: 11/9/2026
Scale: 1:0.0833332


℄ EXIST FM 973
EXIST ROW VARIES
EXIST ROW
VARIES
VARIES
10' SHLD
12' LANE
12' LANE
10' SHLD
VARIES
VARIES
EXIST ROW

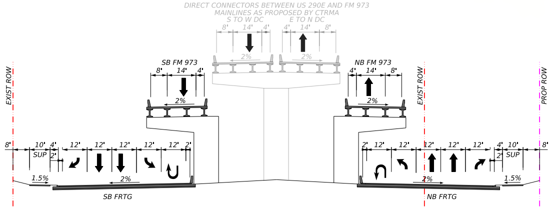
EXISTING FM 973


℄ PROP FM 973
EXIST ROW 200'
PROP ROW
EXIST ROW
73'
27'
27'
73'
PROP FRTG ℄
1' 10' SUP 2'
2' 12' LANE 12' LANE 2'
VARIES
8' SHLD 14' LANE 4' SHLD
4' SHLD 14' LANE 8' SHLD
VARIES
2' 12' LANE 12' LANE 2'
2' 10' SUP 1'
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%

URBAN FREEWAY SECTION
SINGLE LANE
SOUTH OF US 290
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

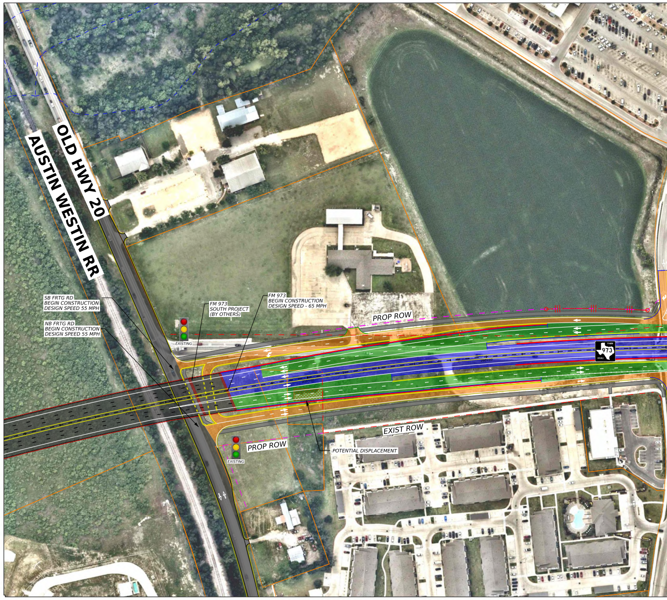

℄ PROP FM 973
EXIST ROW 200'
PROP ROW
EXIST ROW
61'
39'
39'
61'
PROP FRTG ℄
1' 10' SUP 2'
2' 12' LANE 12' LANE 2'
VARIES
10' SHLD 12' LANE 12' LANE 4' SHLD
4' SHLD 12' LANE 12' LANE 10' SHLD
VARIES
2' 12' LANE 12' LANE 2'
2' 10' SUP 1'
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%

URBAN FREEWAY SECTION
NORTH OF US 290
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)


DIRECT CONNECTORS BETWEEN US 290E AND FM 973
MAINLINES AS PROPOSED BY CTRMA
S TO W DC
E TO N DC
8' 14' 4'
4' 14' 8'
2%
2%
SB FM 973
8' 14' 4'
2%
NB FM 973
4' 14' 8'
2%
EXIST ROW
EXIST ROW
PROP ROW
8' 10' SUP 4' 2' 12' 12' 12' 12' 12' 2'
2' 12' 12' 12' 12' 12' 4' 2' 10' SUP 8'
1.5%
2%
2%
1.5%
SB FRTG
NB FRTG

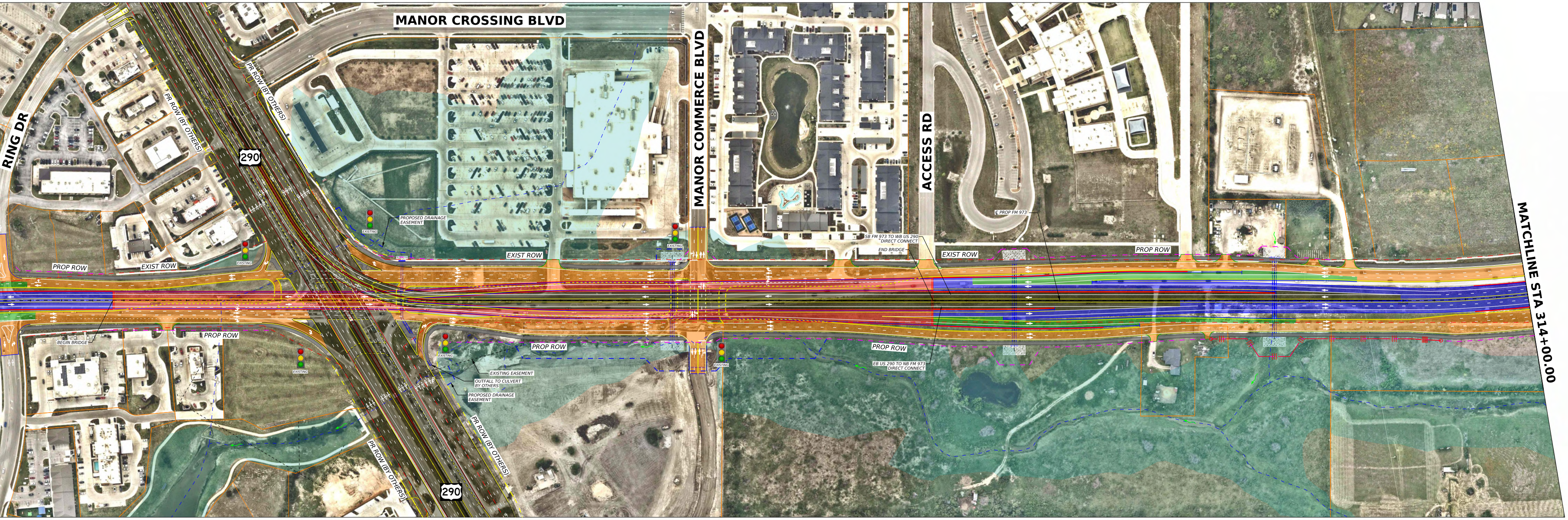
FM 973 CONNECTION FROM US 290E

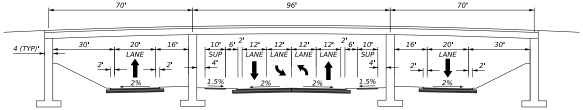
PLAN VIEW LEGEND	
— · — · —	PROPOSED CENTERLINE/BASELINE
— · · — · ·	EXISTING ROW
— · · — · ·	PROPOSED ROW
— · · — · ·	PROPOSED DRAINAGE EASEMENT
——	PARCEL LINE
⇦	EXISTING TRAFFIC DIRECTION
⇦	PROPOSED TRAFFIC DIRECTION
─┤├─	PROPOSED CONTROL OF ACCESS
●—●	FLEXIBLE DELINIATORS (WITH PAINT STRIPE)
☒☒	POTENTIAL DISPLACEMENT
━━	PROPOSED RETAINING WALL (MSE)
━━	PROPOSED RETAINING WALL (STACKED STONE BLOCK)
🟦	PROPOSED MAINLANE
🟧	PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
🟩	PROPOSED RAMPS
🟥	PROPOSED BRIDGE LIMITS
▨	PROPOSED RIPRAP
■	PROPOSED SHARED USE PATH & SIDEWALKS
■	ADJACENT PROJECTS (ROAD), BY OTHERS
■	ADJACENT PROJECTS (BRIDGE), BY OTHERS
🟪	FM 973 NORTH PROJECT
▨	REMOVAL


OLD HWY 20
AUSTIN WESTIN RR
SB FRTG RD
BEGIN CONSTRUCTION
DESIGN SPEED 55 MPH
NB FRTG RD
BEGIN CONSTRUCTION
DESIGN SPEED 55 MPH
FM 973
SOUTH PROJECT
(BY OTHERS)
FM 973
BEGIN CONSTRUCTION
DESIGN SPEED - 65 MPH
EXISTING
PROP ROW
973
EXIST ROW
PROP ROW
EXISTING
POTENTIAL DISPLACEMENT

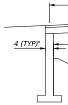
SHEET 1 OF A 8-SHEET CIVIL ENGINEERING SCHEMATIC PLAN SET, TITLED "TEXAS DEPARTMENT OF TRANSPORTATION, PRELIMINARY DESIGN SCHEMATIC, FM 973, WILLIAMSON COUNTY, CSJ: 1200-01-036, 1200-02-036, 2295-01-21". THE DOCUMENT INCLUDES TECHNICAL ENGINEERING SCHEMATICS RELATED TO ROADWAY AND TRAFFIC IMPROVEMENTS. DETAILED ENGINEERING IS PROVIDED ON ALL SHEETS. FOR ASSISTANCE WITH SPECIFIC CONTENT, CONTACT TXDOT AUSTIN DISTRICT AT (512) 832-7000 OR TDD/TTY USERS CONTACT (711) OR 800-735-2988

FM 973 ULTIMA


MANOR CROSSING BLVD
RING DR
PR ROW (BY OTHERS)
PR ROW (BY OTHERS)
290
MANOR COMMERCE BLVD
ACCESS RD
PROPOSED DRAINAGE EASEMENT
EXISTING
EXIST ROW
PROP ROW
EXIST ROW
EXISTING
EXISTING
SB FM 973 TO WB US 290 DIRECT CONNECT
END BRIDGE
EXIST ROW
℄ PROP FM 973
PROP ROW
MATCHLINE STA 314+00.00
BEGIN BRIDGE
PROP ROW
EXISTING
EXISTING
PROP ROW
EXISTING
EXISTING EASEMENT
OUTFALL TO CULVERT BY OTHERS
PROPOSED DRAINAGE EASEMENT
PROP ROW
EB US 290 TO NB FM 973 DIRECT CONNECT
PR ROW (BY OTHERS)
PR ROW (BY OTHERS)
290

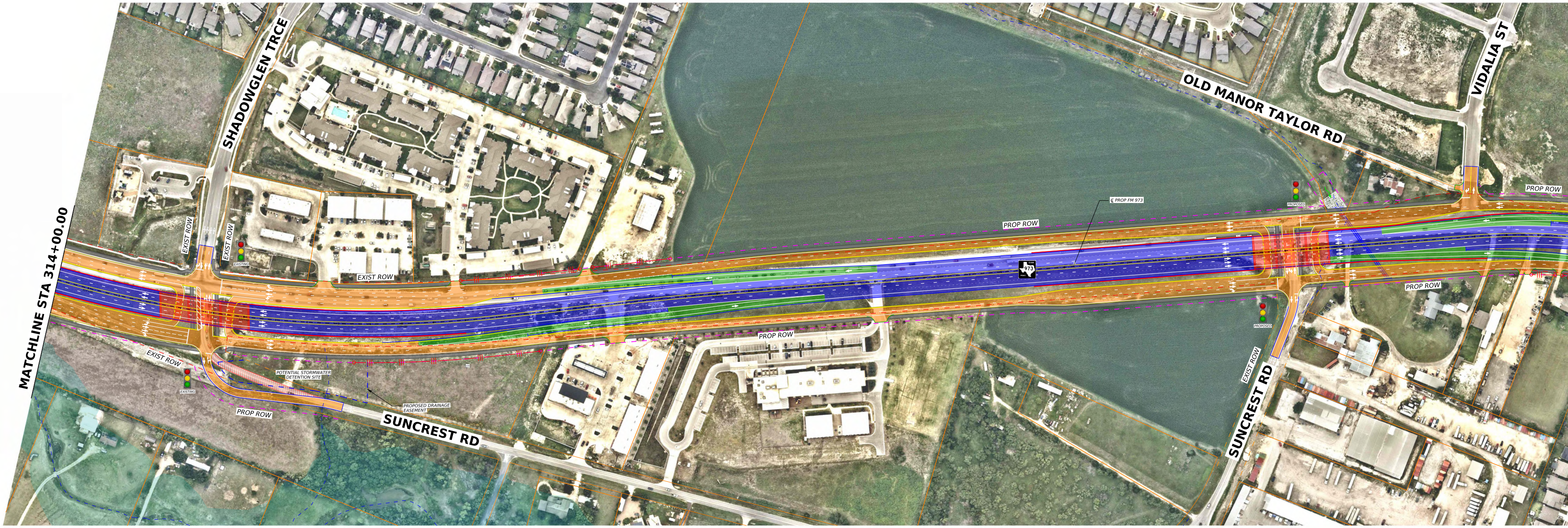

70'
96'
70'
4 (TYP)'
30'
20'
LANE
16'
2'
2'
2%
10'
SUP
4'
6'
2'
12'
LANE
12'
LANE
12'
LANE
12'
LANE
2'
6'
10'
SUP
4'
1.5%
2%
2%
1.5%
16'
20'
LANE
30'
2'
2'
2%

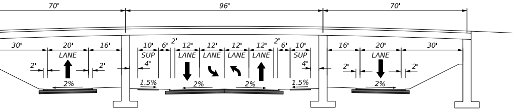
CROSSROAD UNDER FM 973
MANOR COMMERCE
SHADOWGLEN TRCE / SUNCREST RD



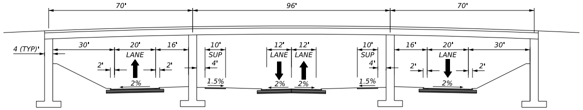
ATE

PRELIMI
SUBJECT TO


MATCHLINE STA 314+00.00
SHADOWGLEN TRCE
EXIST ROW
EXIST ROW
EXISTING
EXIST ROW
320+00
325+00
EXIST ROW
EXISTING
POTENTIAL STORMWATER DETENTION SITE
PROPOSED DRAINAGE EASEMENT
PROP ROW
SUNCREST RD
PROP ROW
PROP ROW
℄ PROP FM 973
973
350+00
355+00
OLD MANOR TAYLOR RD
PROPOSED
PROPOSED
EXIST ROW
SUNCREST RD
VIDALIA ST
PROP ROW
PROP ROW

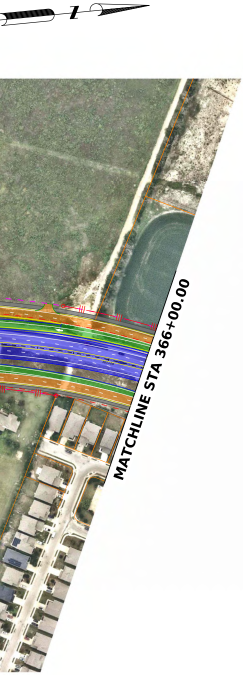

70'
96'
70'
30'
20'
16'
LANE
2'
2'
2%
10'
6'
2'
12'
12'
12'
12'
2'
6'
10'
SUP
LANE
LANE
LANE
LANE
SUP
4'
4'
1.5%
2%
2%
1.5%
16'
20'
30'
LANE
2'
2'
2%

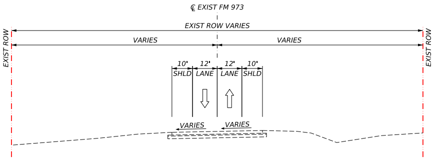
CROSSROAD UNDER FM 973
MANOR COMMERCE
SHADOWGLEN TRCE / SUNCREST RD


70'
96'
70'
4 (TYP)'
30'
20'
16'
LANE
2'
2'
2%
10'
SUP
4'
1.5%
12'
12'
LANE
LANE
2%
2%
10'
SUP
4'
1.5%
16'
20'
30'
LANE
2'
2'
2%

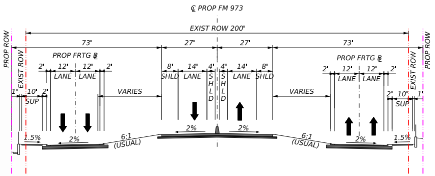
CROSSROAD UNDER FM 973
SUNCREST RD

NARY
CHANGE

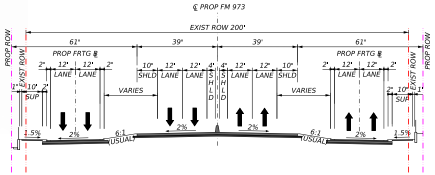

N
MATCHLINE STA 366+00.00


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
EXIST ROW
EXIST ROW
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
VARIES
VARIES

EXISTING FM 973


℄ PROP FM 973
EXIST ROW 200'
73'
27'
27'
73'
PROP ROW
EXIST ROW
PROP FRTG ℄
PROP FRTG ℄
EXIST ROW
PROP ROW
2'
12'
12'
2'
LANE
LANE
8'
14'
4'
4'
14'
8'
SHLD
LANE
SHLD
SHLD
LANE
SHLD
2'
12'
12'
2'
LANE
LANE
1'
10'
2'
SUP
VARIES
VARIES
2'
10'
1'
SUP
2%
2%
1.5%
2%
6:1
(USUAL)
6:1
(USUAL)
2%
1.5%

URBAN FREEWAY SECTION
SINGLE LANE
SOUTH OF US 290
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)


℄ PROP FM 973
EXIST ROW 200'
61'
39'
39'
61'
PROP ROW
EXIST ROW
PROP FRTG ℄
PROP FRTG ℄
EXIST ROW
PROP ROW
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
2'
12'
12'
2'
LANE
LANE
1'
10'
2'
SUP
VARIES
VARIES
2'
10'
1'
SUP
1.5%
2%
6:1
(USUAL)
2%
2%
6:1
(USUAL)
2%
1.5%

URBAN FREEWAY SECTION
NORTH OF US 290
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771
E transport@tetratech.com

SHEET 02 OF 08
ULTIMATE

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

Texas Department of Transportation®

Plotted on: 11/9/2026
Scale: 1:0.0833332

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_01_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_02_ULT_SOUTH PM 2026.dgn
Printer Driver: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/pdf-c.pltcfg
Pen Table: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/TX_Pen.tbl

Texas Department of Transportation

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 02 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

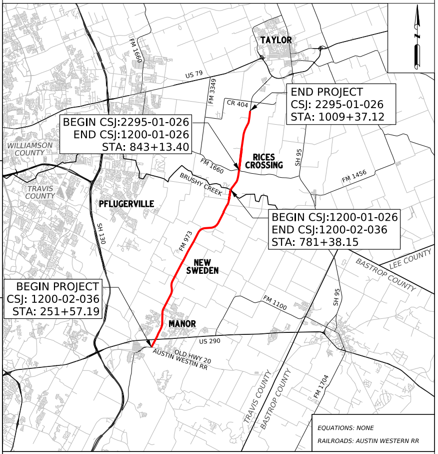
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY	SUBURBAN FREEWAY	65 MPH
	PRINCIPAL ARTERIAL	BOULEVARD	55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR	LOCAL ROAD/	35 MPH
	URBAN COLLECTOR	LOCAL ROAD	30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


TAYLOR
FM 1660
US 79
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
TRAVIS COUNTY
RICES CROSSING
SH 95
FM 1660
BRUSHY CREEK
FM 1456
PFLUGERVILLE
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
SH 130
FM 973
NEW SWEDEN
BASTROP COUNTY
LEE COUNTY
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
FM 1100
SH 95
MANOR
US 290
OLD HWY 20
AUSTIN WESTIN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704
N

EQUATIONS: NONE

RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

PRELIMINARY

SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:

NOT FOR CONSTRUCTION, BIDDING
OR PERMITTING

DESIGN STANDARDS USED

TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100'
0 50 100 200

VERT SCALE: 1"=10'
10 5 0 10

NOT A BIDDING DOCUMENT

DATE

PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT

RECOMMENDED BY

RECOMMENDED BY

ADVANCED PROJECT
DEVELOPMENT DIRECTOR

DISTRICT DESIGN ENGINEER

RECOMMENDED BY

APPROVED BY

AREA ENGINEER

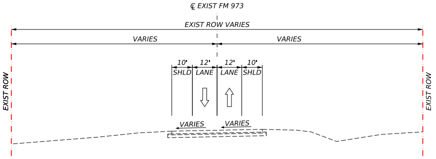
DIRECTOR, TRANSPORTATION
PLANNING & DEVELOPMENT

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

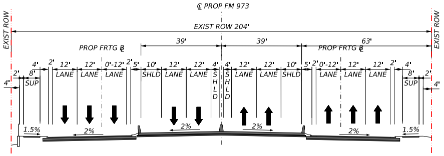
Plotted on: 11/9/2026
Scale: 1:0.0833345

PLAN VIEW LEGEND

- PROPOSED CENTERLINE/BASELINE
- EXISTING ROW
- PROPOSED ROW
- PROPOSED DRAINAGE EASEMENT
- PARCEL LINE
- EXISTING TRAFFIC DIRECTION
- PROPOSED TRAFFIC DIRECTION
- PROPOSED CONTROL OF ACCESS
- FLEXIBLE DELINIATORS (WITH PAINT STRIPE)
- POTENTIAL DISPLACEMENT
- PROPOSED RETAINING WALL (MSE)
- PROPOSED RETAINING WALL
(STACKED STONE BLOCK)

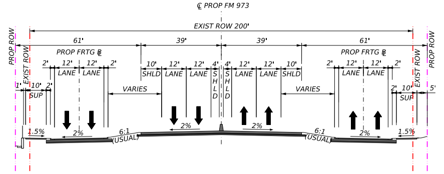

℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10' SHLD
12' LANE
12' LANE
10' SHLD
EXIST ROW
EXIST ROW
VARIES
VARIES

EXISTING FM 973


℄ PROP FM 973
EXIST ROW
EXIST ROW 204'
EXIST ROW
39'
39'
63'
PROP FRTG ℄
PROP FRTG ℄
4'
2'
8' SUP
4'
2'
12' LANE
12' LANE
0'-12' LANE
2'
5'
10' SHLD
12' LANE
12' LANE
4' SHLD
4' SHLD
12' LANE
12' LANE
10' SHLD
5'
2'
0'-12' LANE
12' LANE
12' LANE
2'
4'
8' SUP
2'
4'
1.5%
2%
2%
2%
2%
1.5%

URBAN FREEWAY SECTION

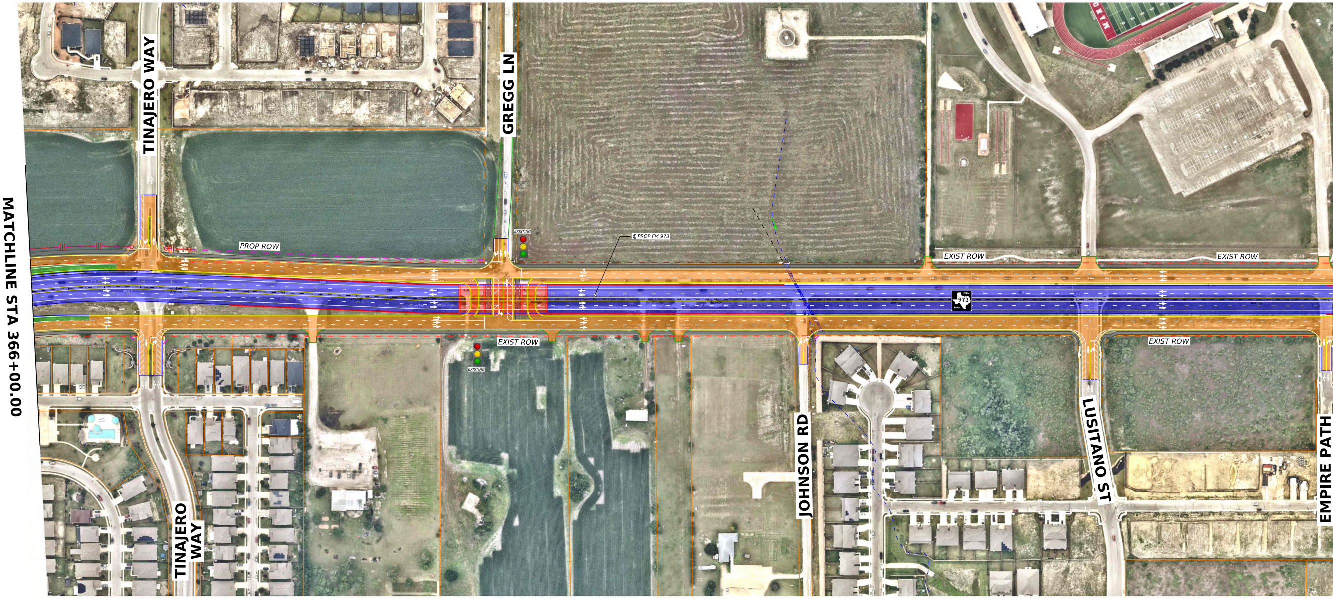
TINAJERO WAY TO EAST OF ARNHAMN LANE

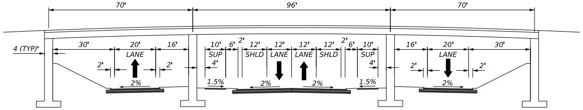

℄ PROP FM 973
EXIST ROW 200'
PROP ROW
EXIST ROW
61'
39'
39'
61'
PROP FRTG ℄
PROP FRTG ℄
1'
10' SUP
2'
2'
12' LANE
12' LANE
2'
VARIES
10' SHLD
12' LANE
12' LANE
4' SHLD
4' SHLD
12' LANE
12' LANE
10' SHLD
VARIES
2'
12' LANE
12' LANE
2'
2'
10' SUP
5'
EXIST ROW
PROP ROW
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%

URBAN FREEWAY SECTION

EAST OF ARNHAMN LANE
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

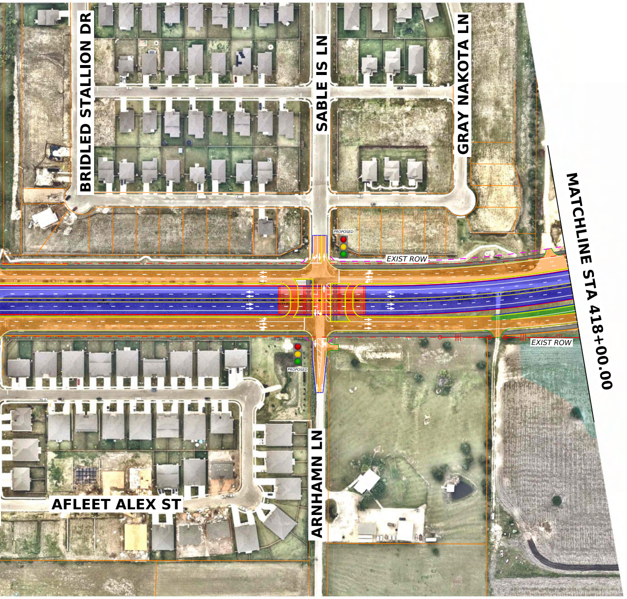
PROPOSED MAINLANE
PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
PROPOSED RAMPS
PROPOSED BRIDGE LIMITS
PROPOSED RIPRAP
PROPOSED SHARED USE PATH & SIDEWALKS
ADJACENT PROJECTS (ROAD), BY OTHERS
ADJACENT PROJECTS (BRIDGE), BY OTHERS
FM 973 NORTH PROJECT
REMOVAL

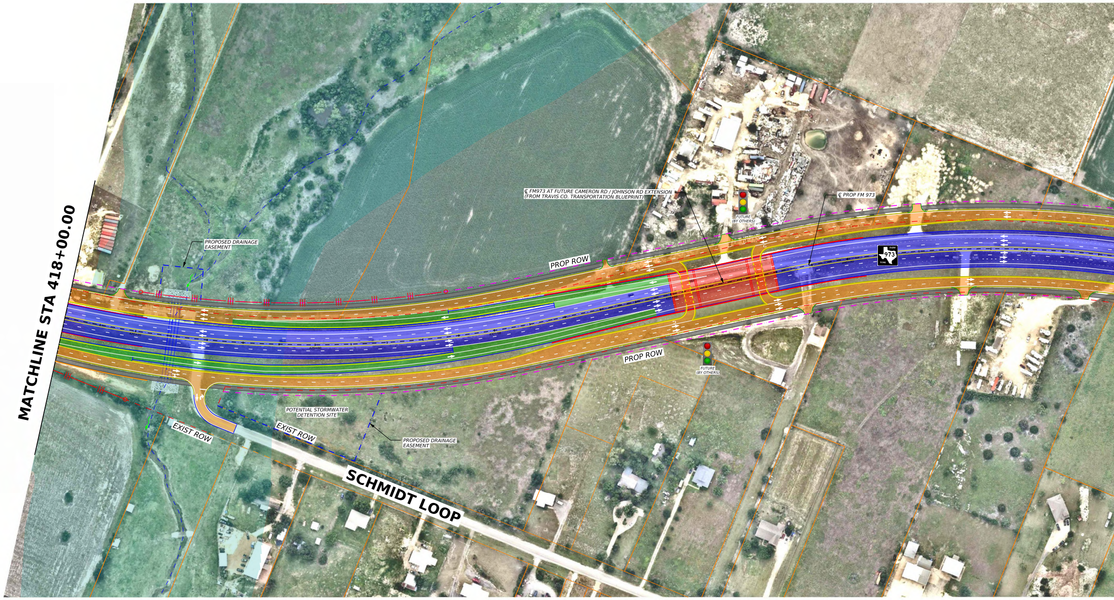

MATCHLINE STA 366+00.00
TINAJERO WAY
GREGG LN
PROP ROW
EXISTING
℄ PROP FM 973
EXIST ROW
EXIST ROW
973
EXIST ROW
EXISTING
EXIST ROW
TINAJERO WAY
JOHNSON RD
LUSITANO ST
EMPIRE PATH

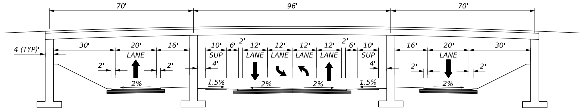

70'
96'
70'
4 (TYP)'
30'
20'
LANE
16'
2'
2'
2%
10'
SUP
4'
6'
2'
12'
SHLD
12'
LANE
12'
LANE
12'
SHLD
2'
6'
10'
SUP
4'
1.5%
2%
2%
1.5%
16'
20'
LANE
30'
2'
2'
2%

CROSSROAD UNDER FM 973
GREGG LN
(FROM MANOR DESTINATION 2050)

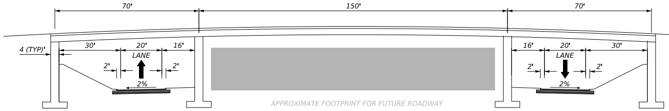
FM 973 ULTIMATE


BRIDLED STALLION DR
SABLE IS LN
GRAY NAKOTA LN
PROPOSED
EXIST ROW
EXIST ROW
PROPOSED
MATCHLINE STA 418+00.00
AFLEET ALEX ST
ARNHAMN LN


MATCHLINE STA 418+00.00
PROPOSED DRAINAGE EASEMENT
℄ FM973 AT FUTURE CAMERON RD / JOHNSON RD EXTENSION (FROM TRAVIS CO. TRANSPORTATION BLUEPRINT)
℄ PROP FM 973
FUTURE (BY OTHERS)
PROP ROW
973
PROP ROW
FUTURE (BY OTHERS)
POTENTIAL STORMWATER DETENTION SITE
EXIST ROW
EXIST ROW
PROPOSED DRAINAGE EASEMENT
SCHMIDT LOOP

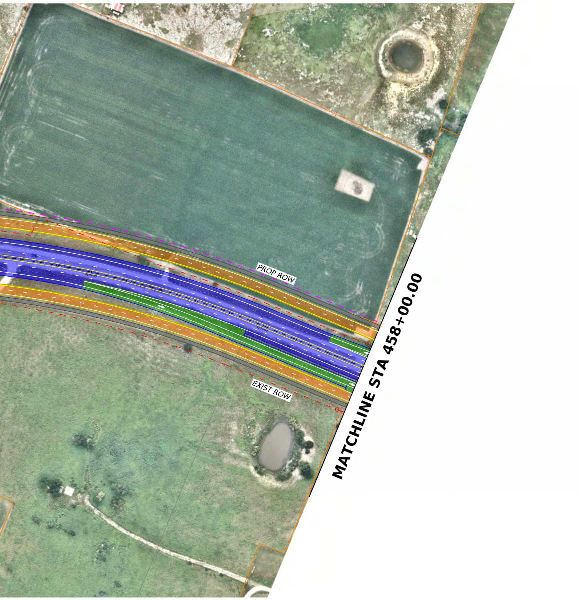

70'
96'
70'
4 (TYP)'
30'
20'
16'
LANE
2'
2'
2%
10'
SUP
4'
1.5%
6'
2'
12'
12'
12'
12'
LANE
LANE
LANE
LANE
2%
2%
2'
6'
10'
SUP
4'
1.5%
16'
20'
30'
LANE
2'
2'
2%

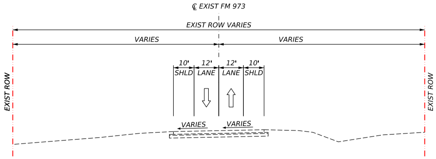
CROSSROAD UNDER FM 973
ARNHAMN LN / SABLE ISLAND LN


70'
150'
70'
4 (TYP)'
30'
20'
16'
LANE
2'
2'
2%
APPROXIMATE FOOTPRINT FOR FUTURE ROADWAY
16'
20'
30'
LANE
2'
2'
2%

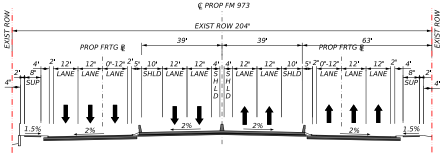
CROSSROAD UNDER FM 973
FUTURE CAMERON RD / JOHNSON RD
(FROM TRAVIS CO. TRANSPORTATION BLUEPRINT)

PRELIMINARY
SUBJECT TO CHANGE


PROP ROW
EXIST ROW
MATCHLINE STA 458+00.00

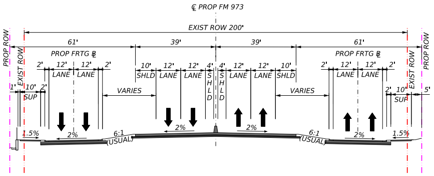

℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
EXIST ROW
EXIST ROW
VARIES
VARIES

EXISTING FM 973


℄ PROP FM 973
EXIST ROW
EXIST ROW 204'
EXIST ROW
39'
39'
63'
PROP FRTG ℄
PROP FRTG ℄
4'
2'
12'
12'
0'-12'
2'
5'
10'
12'
12'
4'
4'
12'
12'
10'
5'
2'
0'-12'
12'
12'
2'
4'
2'
8'
LANE
LANE
LANE
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
LANE
LANE
LANE
8'
2'
4'
SUP
SUP
4'
1.5%
2%
2%
2%
2%
1.5%

URBAN FREEWAY SECTION

TINAJERO WAY TO EAST OF ARNHAMN LANE


℄ PROP FM 973
EXIST ROW 200'
PROP ROW
EXIST ROW
61'
39'
39'
61'
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
10'
12'
12'
4'
4'
12'
12'
10'
2'
12'
12'
2'
LANE
LANE
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
LANE
LANE
1'
10'
2'
SUP
VARIES
VARIES
2'
10'
5'
SUP
EXIST ROW
PROP ROW
1.5%
2%
6:1
(USUAL)
2%
2%
6:1
(USUAL)
2%
1.5%

URBAN FREEWAY SECTION

EAST OF ARNHAMN LANE
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

TETRA TECH
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
Texas PE Firm Reg. #F-929
T +1 512 328 5771 E transport@tetratech.com

SHEET 02 OF 08
ULTIMATE

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

Texas Department of Transportation

Plotted on: 11/9/2026
Scale: 1:0.0833345

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_02_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_03_ULT_SOUTH PM 2026.dgn
Printer Driver: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/pdf-c.pltcfg
Pen Table: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/TX_Pen.tbl

Texas Department of Transportation

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 03 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

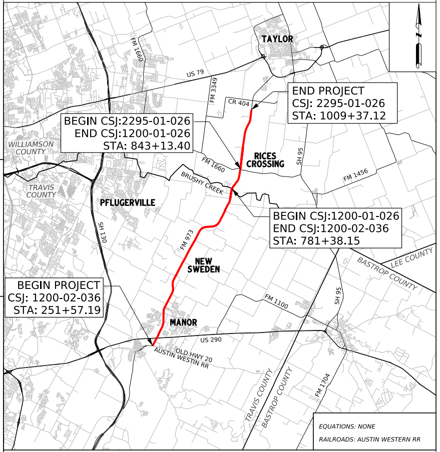
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY PRINCIPAL ARTERIAL	SUBURBAN FREEWAY BOULEVARD	65 MPH 55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR URBAN COLLECTOR	LOCAL ROAD/ LOCAL ROAD	35 MPH 30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


TAYLOR
US 79
FM 1660
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
TRAVIS COUNTY
RICES CROSSING
SH 95
FM 1456
BRUSHY CREEK
PFLUGERVILLE
SH 130
FM 973
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
NEW SWEDEN
BASTROP COUNTY
LEE COUNTY
FM 1100
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
MANOR
US 290
OLD HWY 20
AUSTIN WESTERN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704

EQUATIONS: NONE

RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

PRELIMINARY

SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:

NOT FOR CONSTRUCTION, BIDDING
OR PERMITTING

DESIGN STANDARDS USED

TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100'
0 50 100 200

VERT SCALE: 1"=10'
10 5 0 10

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

NOT A BIDDING DOCUMENT

DATE

PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT

RECOMMENDED BY

ADVANCED PROJECT
DEVELOPMENT DIRECTOR

RECOMMENDED BY

AREA ENGINEER

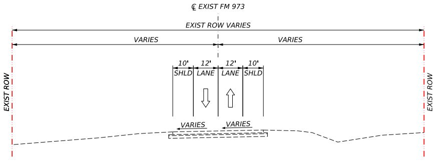
RECOMMENDED BY

DISTRICT DESIGN ENGINEER

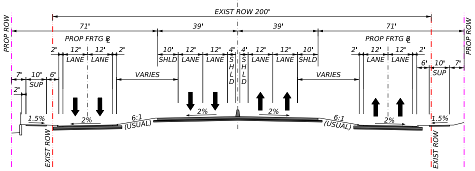
APPROVED BY

DIRECTOR, TRANSPORTATION
PLANNING & DEVELOPMENT

Plotted on: 11/9/2026
Scale: 1:0.0833332


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
EXIST ROW
EXIST ROW
VARIES
VARIES

EXISTING FM 973

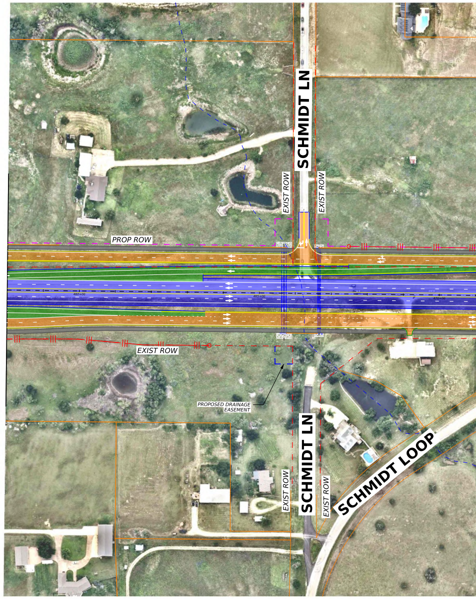

EXIST ROW 200'
71'
39'
39'
71'
PROP ROW
PROP ROW
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
VARIES
VARIES
7'
10'
6'
SUP
6'
10'
7'
SUP
2'
1.5%
2%
2%
2%
2%
1.5%
6:1 (USUAL)
6:1 (USUAL)
EXIST ROW
EXIST ROW

SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

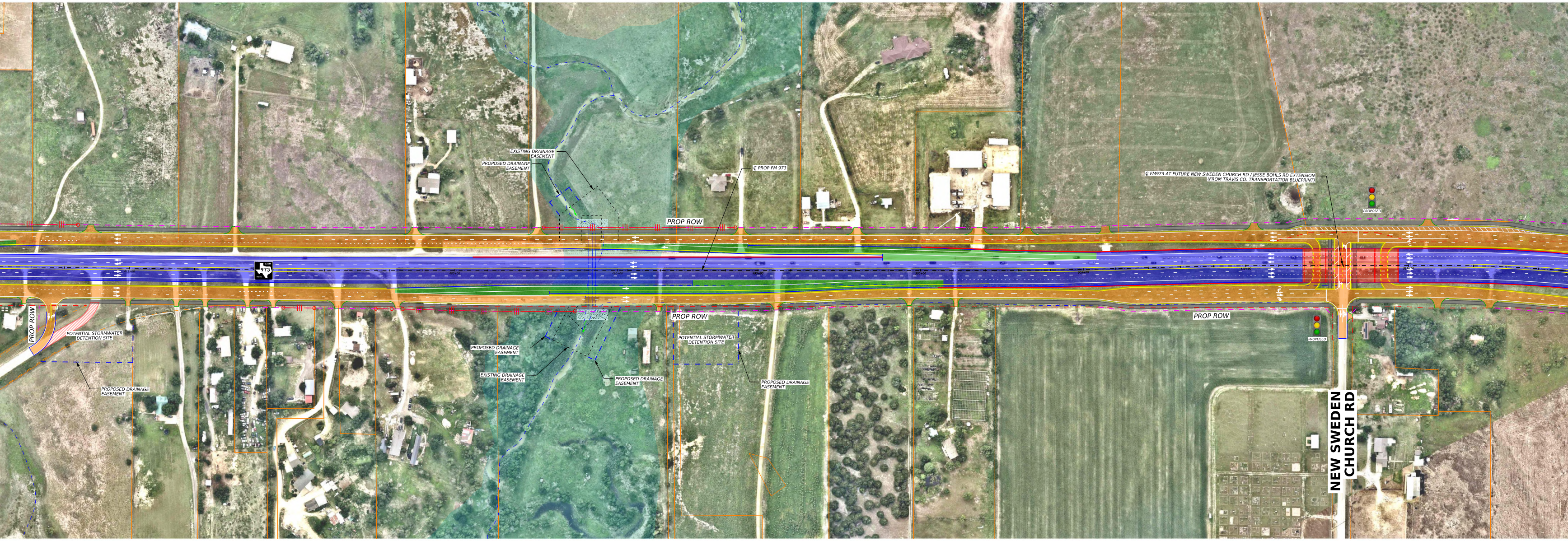
PLAN VIEW LEGEND

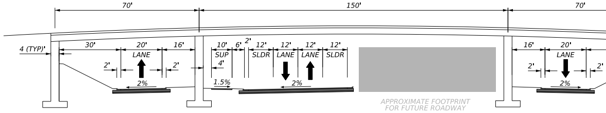
- · - · -	PROPOSED CENTERLINE/BASELINE
- · - · -	EXISTING ROW
- · - · -	PROPOSED ROW
- · - · -	PROPOSED DRAINAGE EASEMENT
—	PARCEL LINE
⇦	EXISTING TRAFFIC DIRECTION
⇦	PROPOSED TRAFFIC DIRECTION
─‖─	PROPOSED CONTROL OF ACCESS
●─●	FLEXIBLE DELINIATORS (WITH PAINT STRIPE)
☒	POTENTIAL DISPLACEMENT
━	PROPOSED RETAINING WALL (MSE)
━	PROPOSED RETAINING WALL (STACKED STONE BLOCK)
🟦	PROPOSED MAINLANE
🟧	PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
🟩	PROPOSED RAMPS
🟥	PROPOSED BRIDGE LIMITS
▨	PROPOSED RIPRAP
■	PROPOSED SHARED USE PATH & SIDEWALKS
■	ADJACENT PROJECTS (ROAD), BY OTHERS
■	ADJACENT PROJECTS (BRIDGE), BY OTHERS
🟪	FM 973 NORTH PROJECT
▨	REMOVAL

MATCHLINE STA 458+00.00

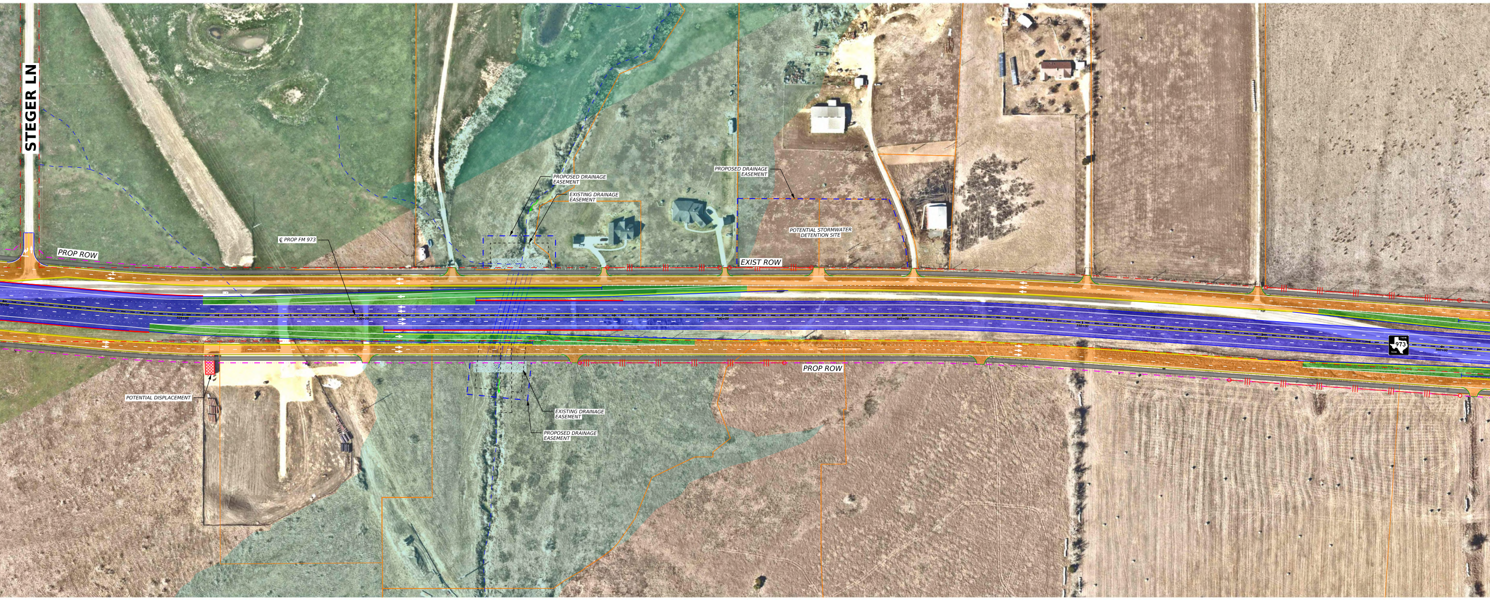

SCHMIDT LN
EXIST ROW
EXIST ROW
PROP ROW
EXIST ROW
PROPOSED DRAINAGE EASEMENT
SCHMIDT LN
EXIST ROW
EXIST ROW
SCHMIDT LOOP

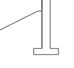
FM 973 ULTIMATE


EXISTING DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
PROP ROW
℄ PROP FM 973
℄ FM973 AT FUTURE NEW SWEDEN CHURCH RD / JESSE BOHLS RD EXTENSION (FROM TRAVIS CO. TRANSPORTATION BLUEPRINT)
PROPOSED
973
475+00
480+00
485+00
490+00
495+00
510+00
PROP ROW
POTENTIAL STORMWATER DETENTION SITE
PROPOSED DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
EXISTING DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
PROP ROW
POTENTIAL STORMWATER DETENTION SITE
PROPOSED DRAINAGE EASEMENT
PROP ROW
PROPOSED
NEW SWEDEN CHURCH RD

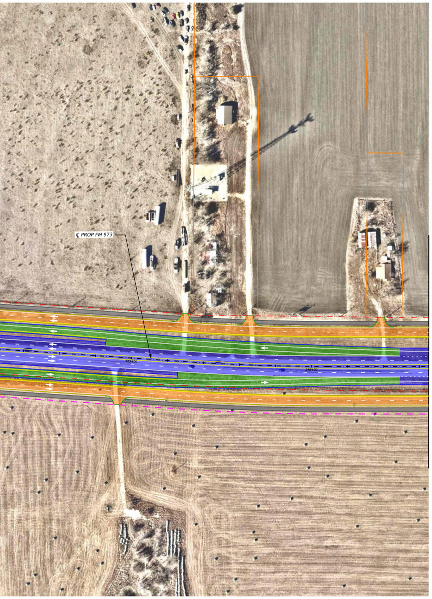

70'
150'
70'
4 (TYP)'
30'
20'
LANE
16'
2'
2'
2%
10'
SUP
4'
1.5%
6'
2'
12'
SLDR
12'
LANE
12'
LANE
12'
SLDR
2%
APPROXIMATE FOOTPRINT FOR FUTURE ROADWAY
16'
20'
LANE
2'
2'
2%

CROSSROAD UNDER FM 973
FUTURE JESSE BOHLS RD / NEW SWEDEN CHURCH RD
(FROM TRAVIS CO. TRANSPORTATION BLUEPRINT)

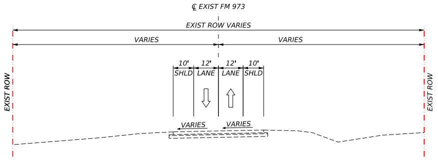

STEGER LN
PROP ROW
℄ PROP FM 973
PROPOSED DRAINAGE EASEMENT
EXISTING DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
POTENTIAL STORMWATER DETENTION SITE
EXIST ROW
520+00
525+00
530+00
535+00
540+00
545+00
550+00
555+00
560+00
FARM ROAD 973
PROP ROW
POTENTIAL DISPLACEMENT
EXISTING DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT



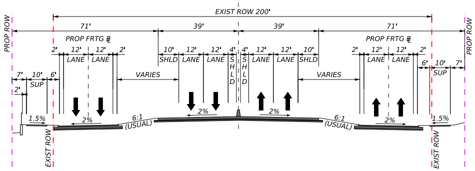
PRELIMINARY
SUBJECT TO CHANGE



MATCHLINE STA 573+00.00


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
SHLD
12'
LANE
12'
LANE
10'
SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

EXISTING FM 973


EXIST ROW 200'
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
2'
12'
LANE
12'
LANE
2'
10'
SHLD
12'
LANE
12'
LANE
4'
SHLD
4'
SHLD
12'
LANE
12'
LANE
10'
SHLD
2'
12'
LANE
12'
LANE
2'
7'
10'
SUP
6'
2'
6'
10'
SUP
7'
VARIES
VARIES
1.5%
2%
6:1
(USUAL)
2%
2%
6:1
(USUAL)
2%
1.5%
PROP ROW
EXIST ROW
EXIST ROW
PROP ROW

SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

Texas Department of Transportation

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

SHEET 03 OF 08
ULTIMATE

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_03_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl
Plotted on: 11/9/2026
Scale: 1:0.0833332

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_04_ULT_SOUTH PM 2026.dgn
Printer Driver: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/pdf-c.pltcfg
Pen Table: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/TX_Pen.tbl

Texas Department of Transportation

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 04 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

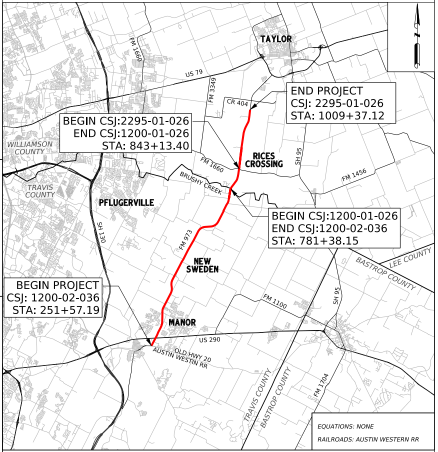
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY PRINCIPAL ARTERIAL	SUBURBAN FREEWAY BOULEVARD	65 MPH 55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR URBAN COLLECTOR	LOCAL ROAD/ LOCAL ROAD	35 MPH 30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


TAYLOR
US 79
FM 1660
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
TRAVIS COUNTY
RICES CROSSING
SH 95
FM 1660
BRUSHY CREEK
FM 1456
PFLUGERVILLE
SH 130
FM 973
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
LEE COUNTY
BASTROP COUNTY
NEW SWEDEN
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
FM 1100
SH 95
MANOR
US 290
OLD HWY 20
AUSTIN WESTIN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704

EQUATIONS: NONE
RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

PRELIMINARY
SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:
NOT FOR CONSTRUCTION, BIDDING OR PERMITTING

DESIGN STANDARDS USED
TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100'
0 50 100 200
VERT SCALE: 1"=10'
10 5 0 10

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

NOT A BIDDING DOCUMENT
DATE

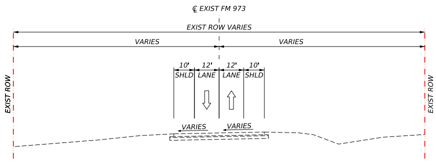
PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT
RECOMMENDED BY
RECOMMENDED BY
ADVANCED PROJECT DEVELOPMENT DIRECTOR
DISTRICT DESIGN ENGINEER
RECOMMENDED BY
APPROVED BY
AREA ENGINEER
DIRECTOR, TRANSPORTATION PLANNING & DEVELOPMENT

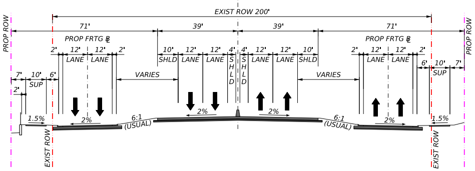
Plotted on: 11/9/2026
Scale: 1:0.0833332

PLAN VIEW LEGEND

— · — ·	PROPOSED CENTERLINE/BASELINE
— · · —	EXISTING ROW
— · · —	PROPOSED ROW
— · · —	PROPOSED DRAINAGE EASEMENT
——	PARCEL LINE
⇦	EXISTING TRAFFIC DIRECTION
⬅	PROPOSED TRAFFIC DIRECTION
─┼┼┼─	PROPOSED CONTROL OF ACCESS
●─●	FLEXIBLE DELINIATORS (WITH PAINT STRIPE)
☒☒	POTENTIAL DISPLACEMENT
━━	PROPOSED RETAINING WALL (MSE)
━━	PROPOSED RETAINING WALL (STACKED STONE BLOCK)

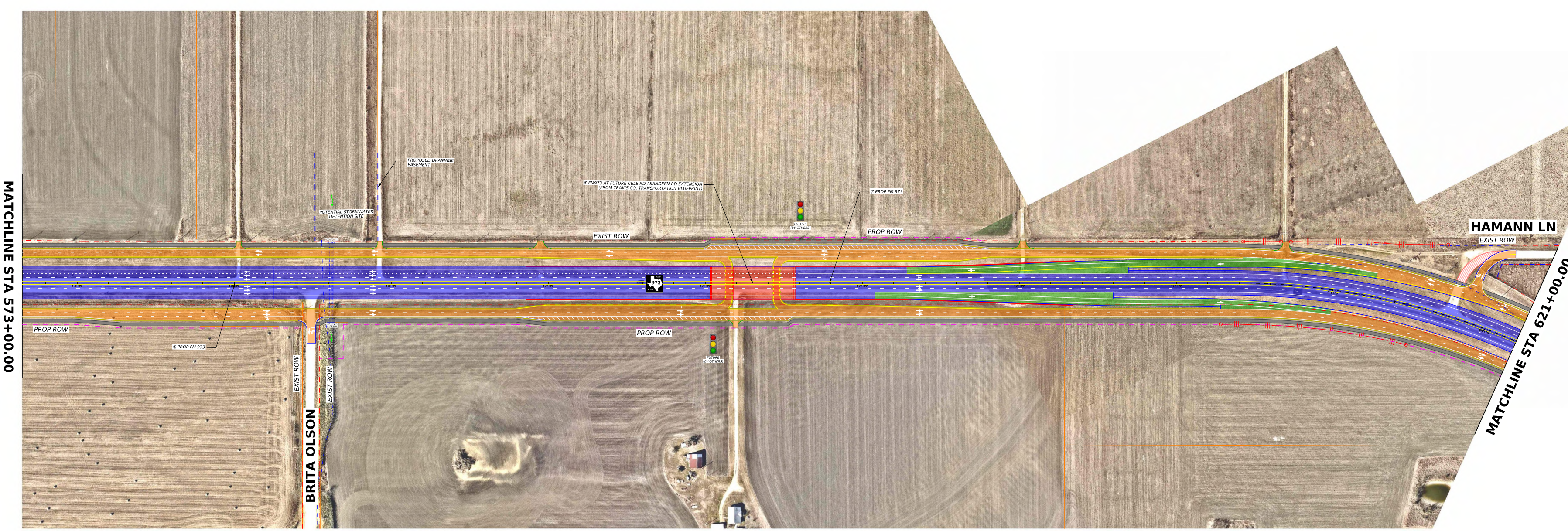

℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

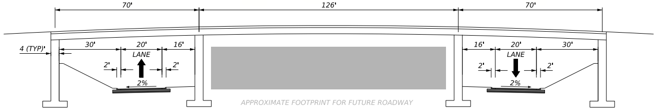
EXISTING FM 973


EXIST ROW 200'
71'
39'
39'
71'
PROP ROW
PROP ROW
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
7'
10'
6'
SUP
2'
VARIES
VARIES
6'
10'
7'
SUP
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%
EXIST ROW
EXIST ROW

SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

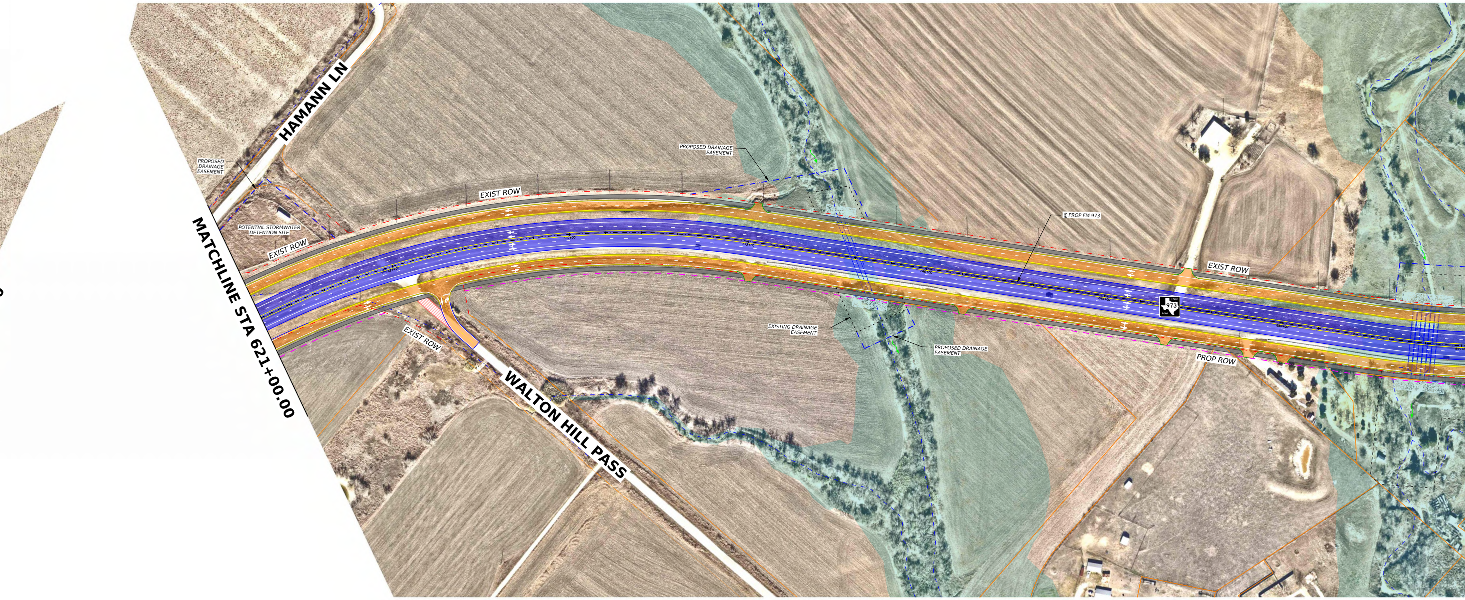
🟦	PROPOSED MAINLANE
🟧	PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
🟩	PROPOSED RAMPS
🟥	PROPOSED BRIDGE LIMITS
▨	PROPOSED RIPRAP
▨	PROPOSED SHARED USE PATH & SIDEWALKS
▨	ADJACENT PROJECTS (ROAD), BY OTHERS
▨	ADJACENT PROJECTS (BRIDGE), BY OTHERS
🟪	FM 973 NORTH PROJECT
▨	REMOVAL


MATCHLINE STA 573+00.00
PROPOSED DRAINAGE EASEMENT
POTENTIAL STORMWATER DETENTION SITE
℄ FM973 AT FUTURE CELE RD / SANDEEN RD EXTENSION
(FROM TRAVIS CO. TRANSPORTATION BLUEPRINT)
℄ PROP FM 973
FUTURE (BY OTHERS)
EXIST ROW
PROP ROW
973
585+00
590+00
595+00
600+00
610+00
615+00
620+00
HAMANN LN
EXIST ROW
PROP ROW
℄ PROP FM 973
PROP ROW
FUTURE (BY OTHERS)
EXIST ROW
EXIST ROW
BRITA OLSON
MATCHLINE STA 621+00.00

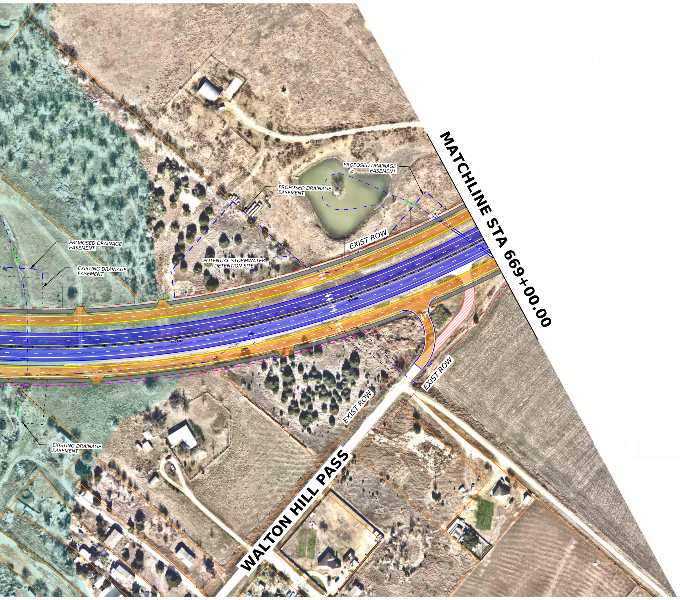

70'
126'
70'
4 (TYP)'
30'
20'
16'
LANE
2'
2'
2%
16'
20'
30'
LANE
2'
2'
2%
APPROXIMATE FOOTPRINT FOR FUTURE ROADWAY

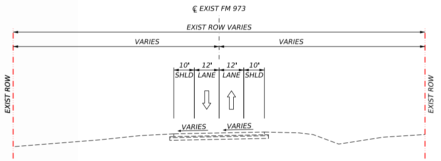
CROSSROAD UNDER FM 973
FUTURE CELE RD / SANDEEN RD
(FROM TRAVIS CO. TRANSPORTATION BLUEPRINT)

FM 973 ULTIMATE

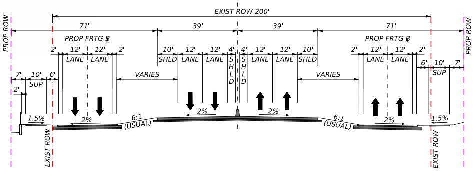

HAMANN LN
PROPOSED DRAINAGE EASEMENT
POTENTIAL STORMWATER DETENTION SITE
EXIST ROW
EXIST ROW
PROPOSED DRAINAGE EASEMENT
℄ PROP FM 973
EXIST ROW
973
MATCHLINE STA 621+00.00
EXIST ROW
WALTON HILL PASS
EXISTING DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
PROP ROW

PRELIMINARY
SUBJECT TO CHANGE


MATCHLINE STA 669+00.00
PROPOSED DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
EXISTING DRAINAGE EASEMENT
POTENTIAL STORMWATER DETENTION SITE
EXIST ROW
EXIST ROW
EXIST ROW
EXISTING DRAINAGE EASEMENT
WALTON HILL PASS


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
EXIST ROW
EXIST ROW
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
VARIES
VARIES

EXISTING FM 973


EXIST ROW 200'
PROP ROW
PROP ROW
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
2'
12'
12'
2'
LANE
LANE
7'
10'
6'
SUP
6'
10'
7'
SUP
2'
VARIES
VARIES
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%
EXIST ROW
EXIST ROW

SUBURBAN FREEWAY SECTION

(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

Texas Department of Transportation

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

SHEET 04 OF 08
ULTIMATE

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_04_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl

Plotted on: 11/9/2026
Scale: 1:0.0833332

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_05_ULT_SOUTH PM 2026.dgn
Printer Driver: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/pdf-c.pltcfg
Pen Table: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/TX_Pen.tbl

Texas Department of Transportation

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 05 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

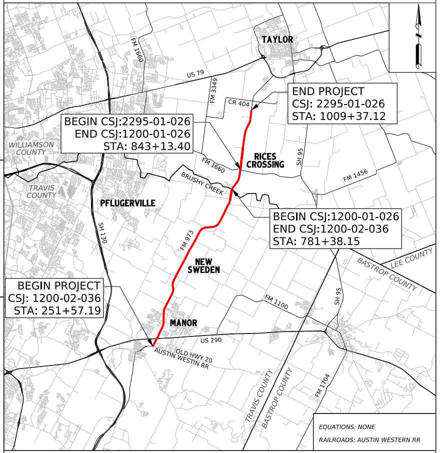
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY	SUBURBAN FREEWAY	65 MPH
	PRINCIPAL ARTERIAL	BOULEVARD	55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR	LOCAL ROAD/	35 MPH
	URBAN COLLECTOR	LOCAL ROAD	30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


TAYLOR
FM 1660
US 79
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
TRAVIS COUNTY
FM 1660
RICES CROSSING
SH 95
FM 1456
BRUSHY CREEK
PFLUGERVILLE
SH 130
FM 973
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
NEW SWEDEN
BASTROP COUNTY
LEE COUNTY
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
FM 1100
SH 95
MANOR
US 290
OLD HWY 20
AUSTIN WESTERN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704

EQUATIONS: NONE

RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

PRELIMINARY

SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:

NOT FOR CONSTRUCTION, BIDDING
OR PERMITTING

DESIGN STANDARDS USED
TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

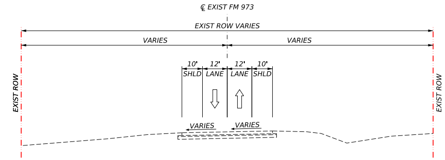
HORZ SCALE: 1"=100' (0, 50, 100, 200)
VERT SCALE: 1"=10' (10, 5, 0, 10)

NOT A BIDDING DOCUMENT
DATE

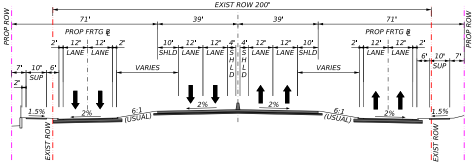
PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT
RECOMMENDED BY
RECOMMENDED BY
ADVANCED PROJECT
DEVELOPMENT DIRECTOR
DISTRICT DESIGN ENGINEER
RECOMMENDED BY
APPROVED BY
AREA ENGINEER
DIRECTOR, TRANSPORTATION
PLANNING & DEVELOPMENT

Plotted on: 11/9/2026
Scale: 1:0.0833332


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
EXIST ROW
EXIST ROW
VARIES
VARIES

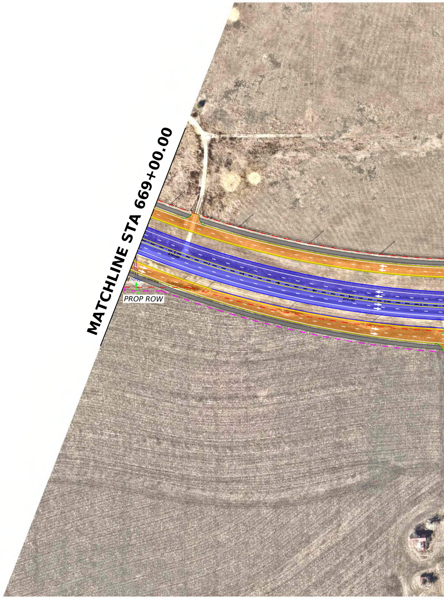
EXISTING FM 973


EXIST ROW 200'
PROP ROW
71'
39'
39'
71'
PROP ROW
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
2'
12'
12'
2'
LANE
LANE
7'
10'
6'
SUP
6'
10'
7'
SUP
VARIES
VARIES
2'
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%
EXIST ROW
EXIST ROW

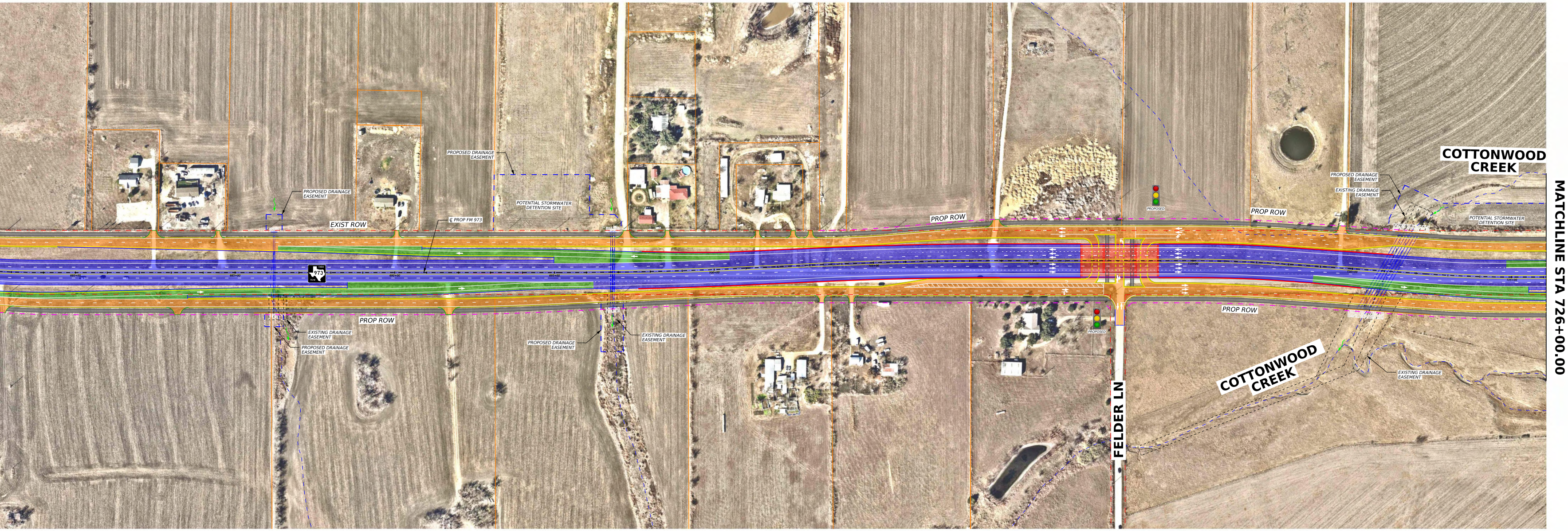
SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

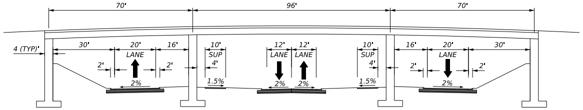
PLAN VIEW LEGEND

— · — · —	PROPOSED CENTERLINE/BASELINE
— · · — · · —	EXISTING ROW
— · · — · · —	PROPOSED ROW
— · · — · · —	PROPOSED DRAINAGE EASEMENT
———	PARCEL LINE
⇦	EXISTING TRAFFIC DIRECTION
⇦	PROPOSED TRAFFIC DIRECTION
─┤│├─	PROPOSED CONTROL OF ACCESS
●─●	FLEXIBLE DELINIATORS (WITH PAINT STRIPE)
☒☒	POTENTIAL DISPLACEMENT
━━	PROPOSED RETAINING WALL (MSE)
━━	PROPOSED RETAINING WALL (STACKED STONE BLOCK)
🟦	PROPOSED MAINLANE
🟧	PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
🟩	PROPOSED RAMPS
🟥	PROPOSED BRIDGE LIMITS
▨	PROPOSED RIPRAP
■	PROPOSED SHARED USE PATH & SIDEWALKS
■	ADJACENT PROJECTS (ROAD), BY OTHERS
■	ADJACENT PROJECTS (BRIDGE), BY OTHERS
🟪	FM 973 NORTH PROJECT
▨	REMOVAL


MATCHLINE STA 669+00.00
PROP ROW

FM 973 ULTI

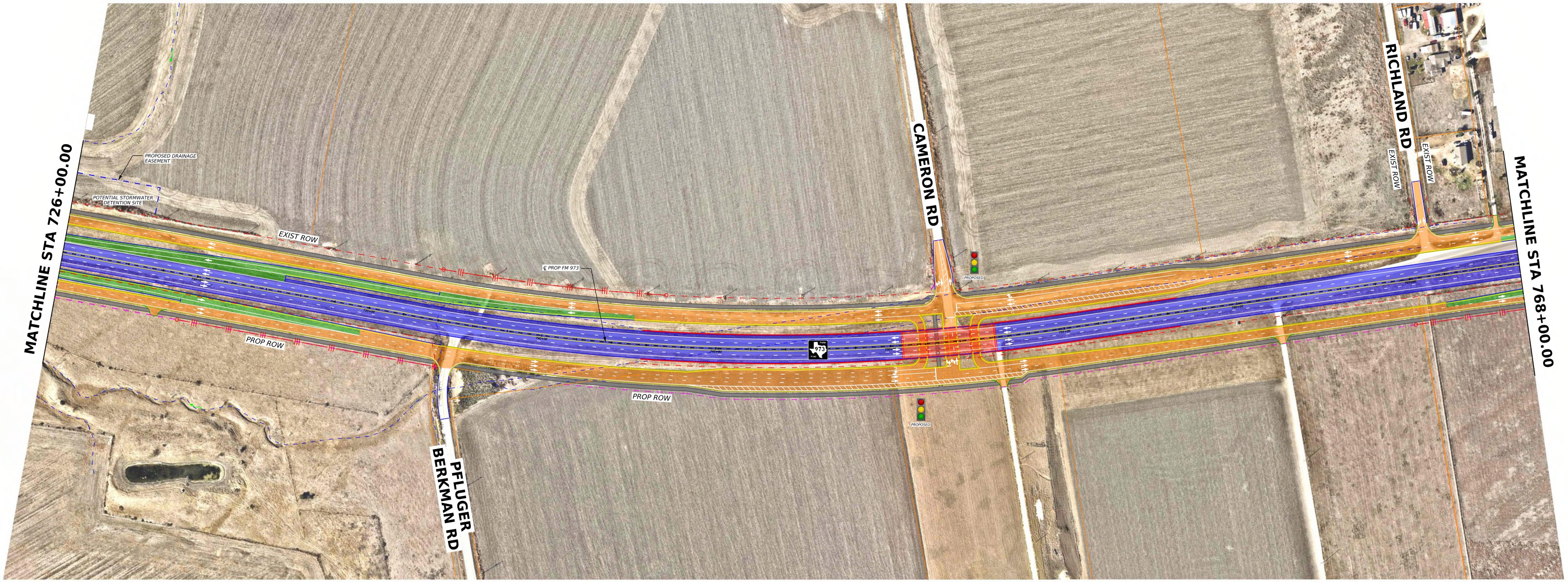

PROPOSED DRAINAGE EASEMENT
EXIST ROW
PROPOSED DRAINAGE EASEMENT
℄ PROP FM 973
POTENTIAL STORMWATER DETENTION SITE
973
690+00
695+00
PROP ROW
EXISTING DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
PROPOSED DRAINAGE EASEMENT
EXISTING DRAINAGE EASEMENT
PROP ROW
PROPOSED
PROP ROW
710+00
715+00
720+00
725+00
PROPOSED
FELDER LN
PROP ROW
COTTONWOOD CREEK
PROPOSED DRAINAGE EASEMENT
EXISTING DRAINAGE EASEMENT
POTENTIAL STORMWATER DETENTION SITE
COTTONWOOD CREEK
EXISTING DRAINAGE EASEMENT
MATCHLINE STA 726+00.00

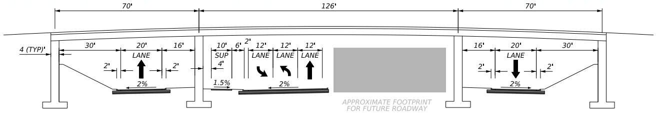

70'
96'
70'
4 (TYP)'
30'
20'
LANE
16'
2'
2'
2%
10'
SUP
4'
1.5%
12'
LANE
12'
LANE
2%
2%
10'
SUP
4'
1.5%
16'
20'
LANE
30'
2'
2'
2%

CROSSROAD UNDER FM 973
FELDER LN

MATE

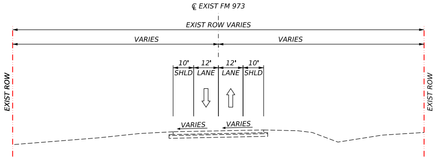
PRELIMIN
SUBJECT TO C


MATCHLINE STA 726+00.00
PROPOSED DRAINAGE EASEMENT
POTENTIAL STORMWATER DETENTION SITE
EXIST ROW
730+00
735+00
740+00
℄ PROP FM 973
PROP ROW
PFLUGER BERKMAN RD
PROP ROW
973
CAMERON RD
PROPOSED
PROPOSED
RICHLAND RD
EXIST ROW
EXIST ROW
MATCHLINE STA 768+00.00

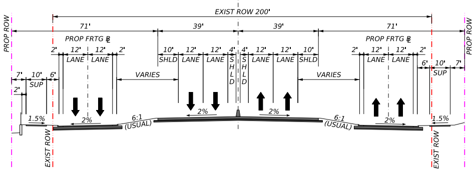

70'
126'
70'
4 (TYP)'
30'
20'
LANE
16'
2'
2'
2%
10'
SUP
4'
6'
2'
12'
LANE
12'
LANE
12'
LANE
1.5%
2%
APPROXIMATE FOOTPRINT FOR FUTURE ROADWAY
16'
20'
LANE
30'
2'
2'
2%

CROSSROAD UNDER FM 973
FUTURE CAMERON RD / ROWE LN EXTENSION
(FROM TRAVIS CO. TRANSPORTATION BLUEPRINT)

ARY
HANGE


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
SHLD
12'
LANE
12'
LANE
10'
SHLD
EXIST ROW
EXIST ROW
VARIES
VARIES

EXISTING FM 973


EXIST ROW 200'
71'
39'
39'
71'
PROP ROW
PROP ROW
PROP FRTG ℄
PROP FRTG ℄
2'
12'
LANE
12'
LANE
2'
10'
SHLD
12'
LANE
12'
LANE
4'
SHLD
4'
SHLD
12'
LANE
12'
LANE
10'
SHLD
2'
12'
LANE
12'
LANE
2'
7'
10'
SUP
6'
2'
VARIES
VARIES
6'
10'
SUP
7'
1.5%
2%
6:1
(USUAL)
2%
2%
6:1
(USUAL)
2%
1.5%
EXIST ROW
EXIST ROW

SUBURBAN FREEWAY SECTION

(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

SHEET 05 OF 08
ULTIMATE

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

Texas Department of Transportation®

Plotted on: 11/9/2026
Scale: 1:0.0833332

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_05_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_06_ULT_SOUTH PM 2026.dgn
Printer Driver: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/pdf-c.pltcfg
Pen Table: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/TX_Pen.tbl

Texas Department of Transportation

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 06 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

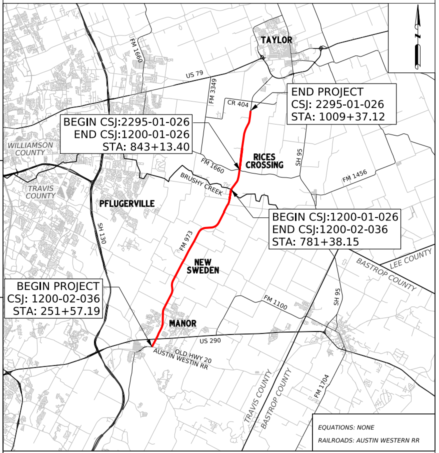
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY PRINCIPAL ARTERIAL	SUBURBAN FREEWAY BOULEVARD	65 MPH 55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR URBAN COLLECTOR	LOCAL ROAD/ LOCAL ROAD	35 MPH 30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


TAYLOR
FM 1660
US 79
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
RICES CROSSING
SH 95
FM 1660
BRUSHY CREEK
FM 1456
TRAVIS COUNTY
PFLUGERVILLE
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
SH 130
FM 973
NEW SWEDEN
LEE COUNTY
BASTROP COUNTY
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
FM 1100
SH 95
MANOR
US 290
OLD HWY 20
AUSTIN WESTERN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704

EQUATIONS: NONE

RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

PRELIMINARY
SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:
NOT FOR CONSTRUCTION, BIDDING
OR PERMITTING

DESIGN STANDARDS USED
TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100'
0 50 100 200
VERT SCALE: 1"=10'
10 5 0 10

NOT A BIDDING DOCUMENT
DATE

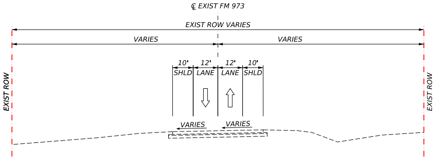
PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT
RECOMMENDED BY
RECOMMENDED BY
ADVANCED PROJECT
DEVELOPMENT DIRECTOR
DISTRICT DESIGN ENGINEER
RECOMMENDED BY
APPROVED BY
AREA ENGINEER
DIRECTOR, TRANSPORTATION
PLANNING & DEVELOPMENT

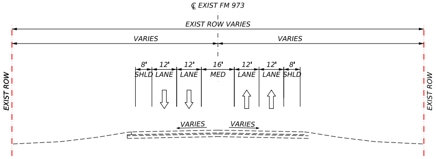
Plotted on: 11/9/2026
Scale: 1:0.0833332

PLAN VIEW LEGEND

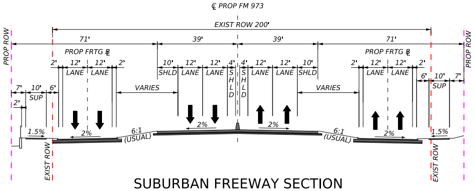
— · — · —	PROPOSED CENTERLINE/BASELINE
— · · — · ·	EXISTING ROW
— · · — · ·	PROPOSED ROW
— · · — · ·	PROPOSED DRAINAGE EASEMENT
——	PARCEL LINE
⇦	EXISTING TRAFFIC DIRECTION
⬅	PROPOSED TRAFFIC DIRECTION
─╫─	PROPOSED CONTROL OF ACCESS
●—●	FLEXIBLE DELINIATORS (WITH PAINT STRIPE)
☒☒	POTENTIAL DISPLACEMENT
━	PROPOSED RETAINING WALL (MSE)
━	PROPOSED RETAINING WALL (STACKED STONE BLOCK)
🟦	PROPOSED MAINLANE
🟧	PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
🟩	PROPOSED RAMPS
🟥	PROPOSED BRIDGE LIMITS
▨	PROPOSED RIPRAP
▬	PROPOSED SHARED USE PATH & SIDEWALKS
▬	ADJACENT PROJECTS (ROAD), BY OTHERS
▬	ADJACENT PROJECTS (BRIDGE), BY OTHERS
🟪	FM 973 NORTH PROJECT
▨	REMOVAL


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10' SHLD
12' LANE
12' LANE
10' SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

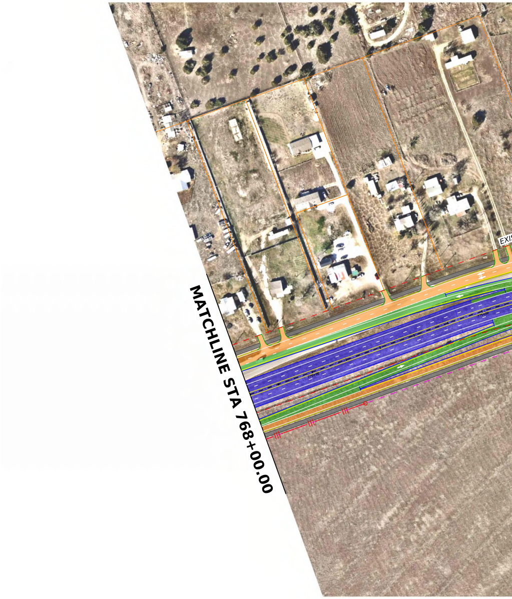
EXISTING FM 973


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
8' SHLD
12' LANE
12' LANE
16' MED
12' LANE
12' LANE
8' SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

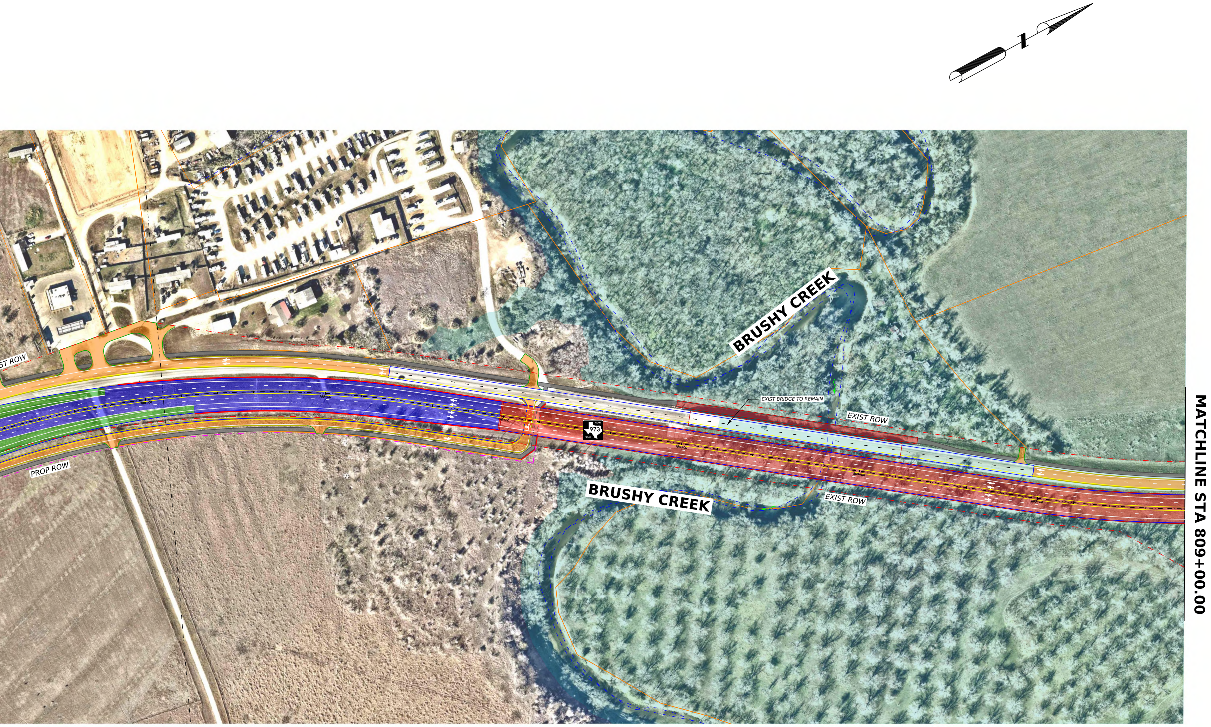
EXISTING FM 973
SOUTH OF BRUSHY CREEK TO NORTH OF FM 1660


℄ PROP FM 973
EXIST ROW 200'
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
PROP ROW
PROP ROW
2'
12' LANE
12' LANE
2'
10' SHLD
12' LANE
12' LANE
4' SHLD
4' SHLD
12' LANE
12' LANE
10' SHLD
2'
12' LANE
12' LANE
2'
7'
10' SUP
6'
6'
10' SUP
7'
2'
VARIES
VARIES
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%
EXIST ROW
EXIST ROW

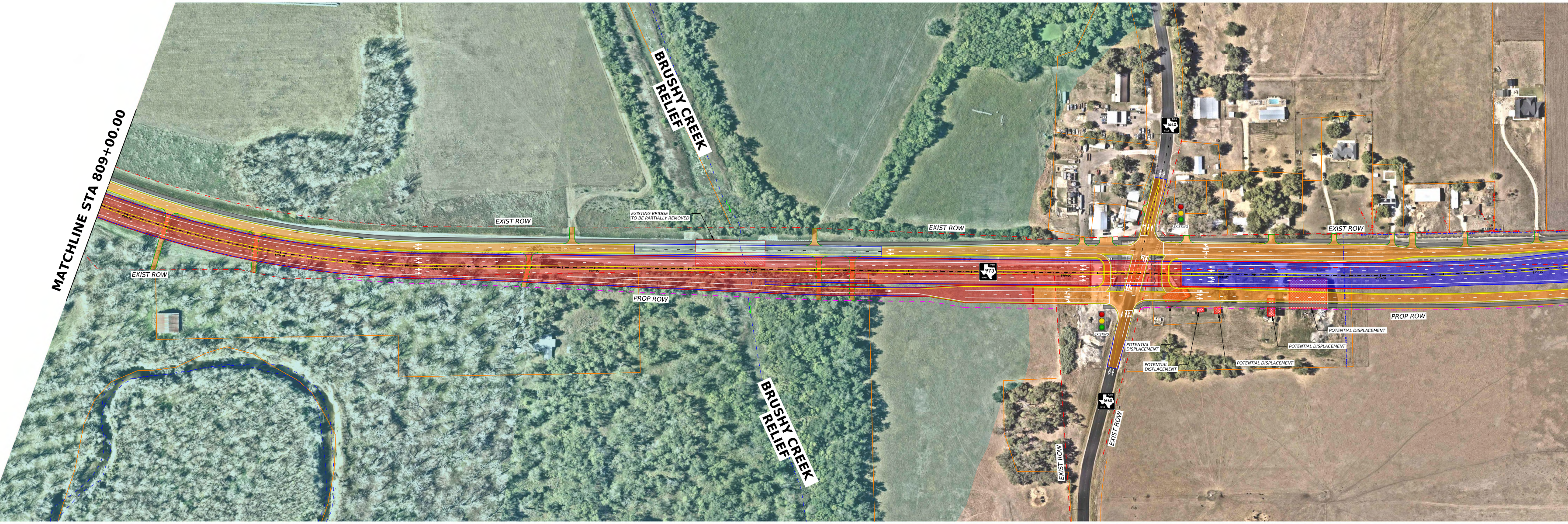
SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

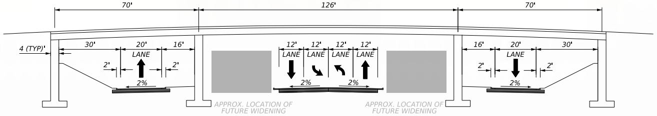

MATCHLINE STA 768+00.00

FM


ST ROW
PROP ROW
BRUSHY CREEK
973
EXIST BRIDGE TO REMAIN
EXIST ROW
BRUSHY CREEK
EXIST ROW
MATCHLINE STA 809+00.00

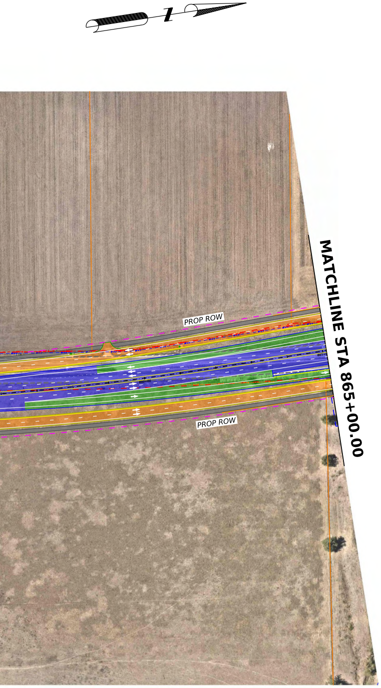
973 ULTIMATE

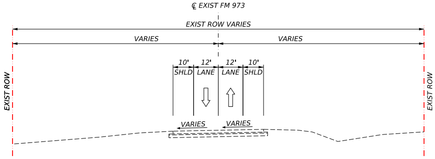

MATCHLINE STA 809+00.00
BRUSHY CREEK RELIEF
EXISTING BRIDGE TO BE PARTIALLY REMOVED
EXIST ROW
EXIST ROW
EXIST ROW
EXIST ROW
PROP ROW
PROP ROW
BRUSHY CREEK RELIEF
973
1660
1660
EXISTING
EXISTING
840+00
845+00
850+00
855+00
POTENTIAL DISPLACEMENT
POTENTIAL DISPLACEMENT
POTENTIAL DISPLACEMENT
POTENTIAL DISPLACEMENT
POTENTIAL DISPLACEMENT
EXIST ROW
EXIST ROW


70'
126'
70'
4 (TYP)'
30'
20'
16'
LANE
2'
2'
2%
12'
12'
12'
12'
LANE
LANE
LANE
LANE
2%
2%
16'
20'
30'
LANE
2'
2'
2%
APPROX. LOCATION OF FUTURE WIDENING
APPROX. LOCATION OF FUTURE WIDENING

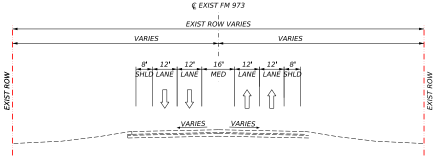
CROSSROAD UNDER FM 973
FM 1660

PRELIMINARY
SUBJECT TO CHANGE

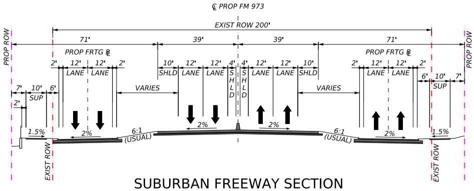

PROP ROW
PROP ROW
MATCHLINE STA 865+00.00


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10' SHLD
12' LANE
12' LANE
10' SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

EXISTING FM 973


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
8' SHLD
12' LANE
12' LANE
16' MED
12' LANE
12' LANE
8' SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

EXISTING FM 973
SOUTH OF BRUSHY CREEK TO NORTH OF FM 1660


℄ PROP FM 973
EXIST ROW 200'
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
2'
12' LANE
12' LANE
2'
10' SHLD
12' LANE
12' LANE
4' SHLD
4' SHLD
12' LANE
12' LANE
10' SHLD
2'
12' LANE
12' LANE
2'
7'
10' SUP
6'
2'
6'
10' SUP
7'
VARIES
VARIES
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%
PROP ROW
EXIST ROW
EXIST ROW
PROP ROW

SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

SHEET 06 OF 08
ULTIMATE

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

Texas Department of Transportation
©2026 by Texas Department of Transportation; all rights reserved

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_06_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl
Plotted on: 11/9/2026
Scale: 1:0.0833332

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_07_ULT_SOUTH PM 2026.dgn
Printer Driver: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/pdf-c.pltcfg
Pen Table: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Support/Bentley/CONNECT/Configuration/Organization-Civil/TXDOT 2022/Pltcfg/TX_Pen.tbl

Texas Department of Transportation®

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 07 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

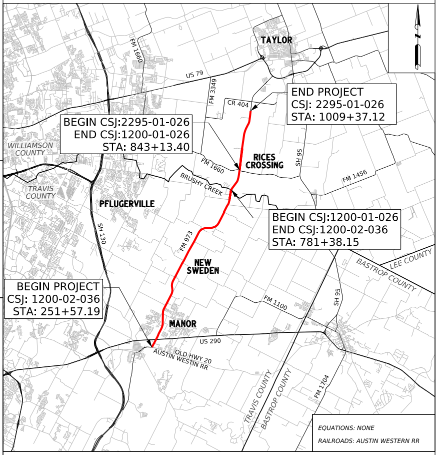
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY	SUBURBAN FREEWAY	65 MPH
	PRINCIPAL ARTERIAL	BOULEVARD	55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR	LOCAL ROAD/	35 MPH
	URBAN COLLECTOR	LOCAL ROAD	30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


N
TAYLOR
FM 1660
US 79
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
RICES CROSSING
SH 95
FM 1660
BRUSHY CREEK
FM 1456
TRAVIS COUNTY
PFLUGERVILLE
SH 130
FM 973
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
LEE COUNTY
BASTROP COUNTY
NEW SWEDEN
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
FM 1100
SH 95
MANOR
US 290
OLD HWY 20
AUSTIN WESTERN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704

EQUATIONS: NONE

RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

PRELIMINARY

SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:
NOT FOR CONSTRUCTION, BIDDING
OR PERMITTING

DESIGN STANDARDS USED
TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100' (0 50 100 200)
VERT SCALE: 1"=10' (10 5 0 10)

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

NOT A BIDDING DOCUMENT

DATE

PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT

RECOMMENDED BY

ADVANCED PROJECT
DEVELOPMENT DIRECTOR

RECOMMENDED BY

AREA ENGINEER

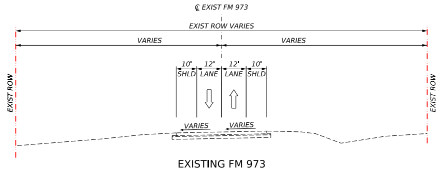
RECOMMENDED BY

DISTRICT DESIGN ENGINEER

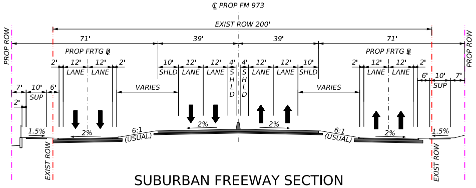
APPROVED BY

DIRECTOR, TRANSPORTATION
PLANNING & DEVELOPMENT

Plotted on: 11/9/2026
Scale: 1:0.0833332


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

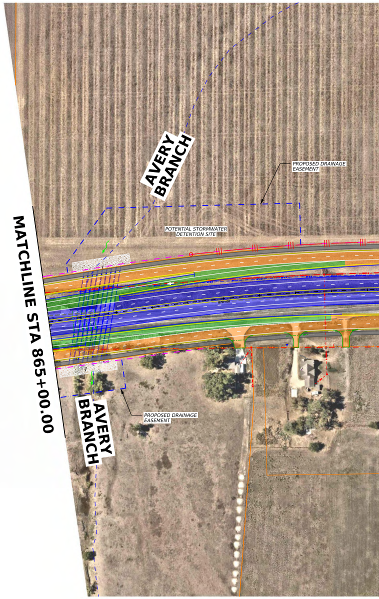
EXISTING FM 973

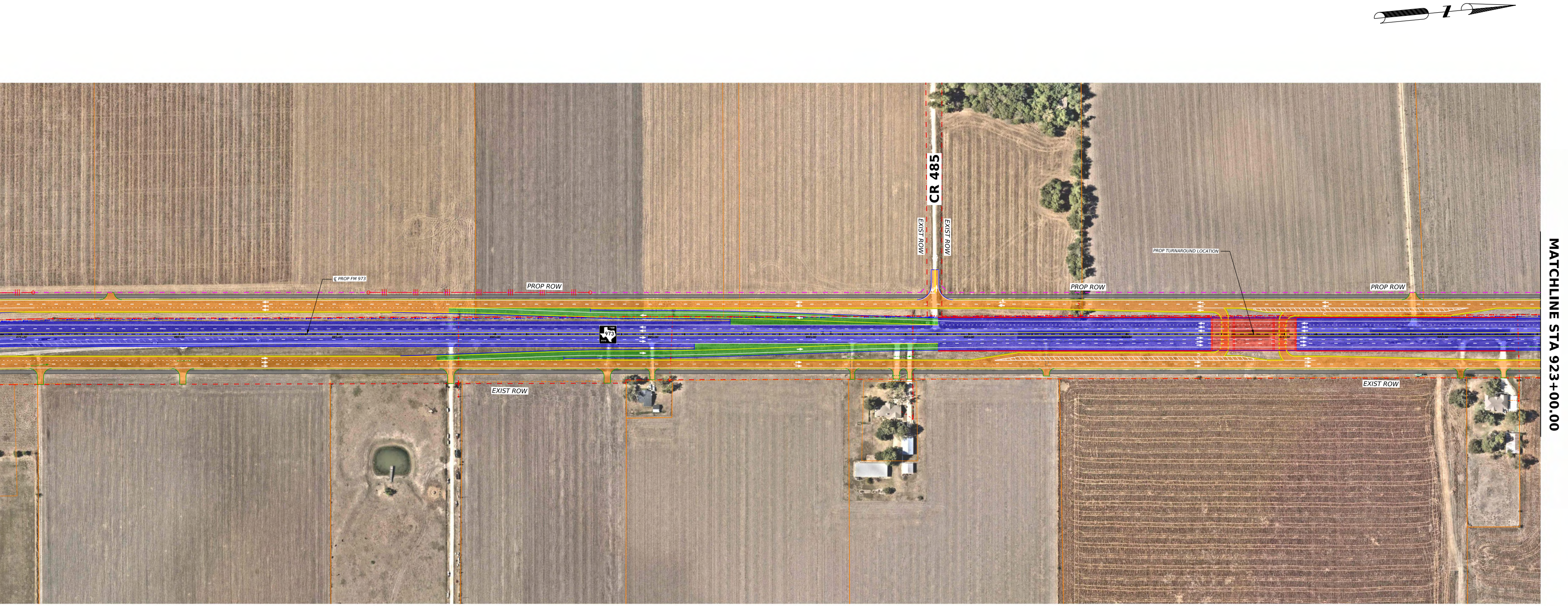

℄ PROP FM 973
EXIST ROW 200'
PROP ROW
PROP ROW
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
2'
12'
12'
2'
LANE
LANE
7'
10'
6'
SUP
2'
VARIES
VARIES
6'
10'
7'
SUP
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%
EXIST ROW
EXIST ROW

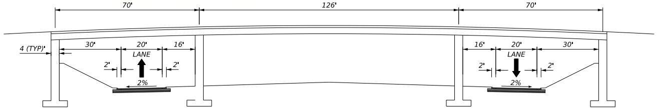
SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

PLAN VIEW LEGEND

- · - · -	PROPOSED CENTERLINE/BASELINE
- · · - · ·	EXISTING ROW
- · · - · ·	PROPOSED ROW
- · · - · ·	PROPOSED DRAINAGE EASEMENT
──	PARCEL LINE
⇦	EXISTING TRAFFIC DIRECTION
⇦	PROPOSED TRAFFIC DIRECTION
─‖─	PROPOSED CONTROL OF ACCESS
●─●	FLEXIBLE DELINIATORS (WITH PAINT STRIPE)
☒☒	POTENTIAL DISPLACEMENT
━	PROPOSED RETAINING WALL (MSE)
━	PROPOSED RETAINING WALL (STACKED STONE BLOCK)
🟦	PROPOSED MAINLANE
🟧	PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
🟩	PROPOSED RAMPS
🟥	PROPOSED BRIDGE LIMITS
▨	PROPOSED RIPRAP
▇	PROPOSED SHARED USE PATH & SIDEWALKS
▇	ADJACENT PROJECTS (ROAD), BY OTHERS
▇	ADJACENT PROJECTS (BRIDGE), BY OTHERS
🟪	FM 973 NORTH PROJECT
▨	REMOVAL


AVERY BRANCH
PROPOSED DRAINAGE EASEMENT
POTENTIAL STORMWATER DETENTION SITE
MATCHLINE STA 865+00.00
AVERY BRANCH
PROPOSED DRAINAGE EASEMENT

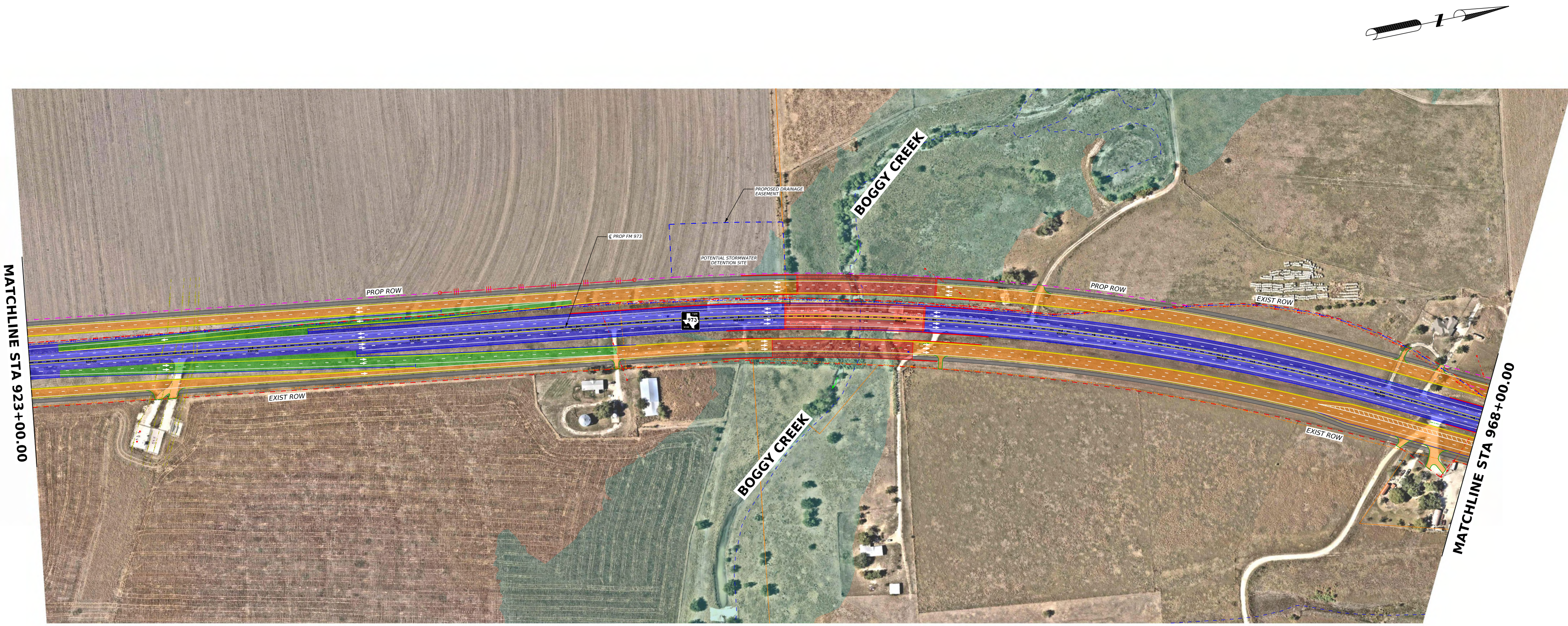

CR 485
EXIST ROW
EXIST ROW
℄ PROP FM 973
PROP ROW
PROP ROW
PROP ROW
PROP TURNAROUND LOCATION
EXIST ROW
EXIST ROW
973
885+00
890+00
895+00
900+00
905+00
910+00
915+00
920+00
MATCHLINE STA 923+00.00


70'
126'
70'
4 (TYP)'
30'
20'
16'
LANE
2'
2'
2%
16'
20'
30'
LANE
2'
2'
2%

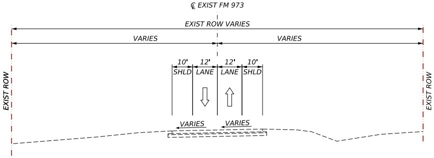
TURNAROUND UNDER FM 973

FM 973 ULTIMATE

PRELIMI
SUBJECT TO

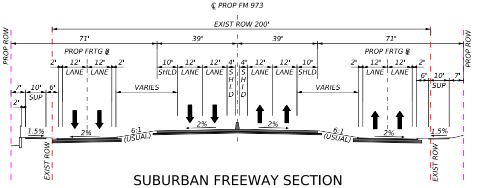

PROPOSED DRAINAGE EASEMENT
℄ PROP FM 973
POTENTIAL STORMWATER DETENTION SITE
BOGGY CREEK
PROP ROW
PROP ROW
EXIST ROW
EXIST ROW
EXIST ROW
940+00
945+00
973
BOGGY CREEK
MATCHLINE STA 923+00.00
MATCHLINE STA 968+00.00

NARY
CHANGE



℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
SHLD
12'
LANE
12'
LANE
10'
SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

EXISTING FM 973



℄ PROP FM 973
EXIST ROW 200'
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
2'
12'
LANE
12'
LANE
2'
10'
SHLD
12'
LANE
12'
LANE
4'
SHLD
4'
SHLD
12'
LANE
12'
LANE
10'
SHLD
2'
12'
LANE
12'
LANE
2'
7'
10'
SUP
6'
6'
10'
SUP
7'
2'
VARIES
VARIES
1.5%
2%
6:1
(USUAL)
2%
2%
6:1
(USUAL)
2%
1.5%
PROP ROW
PROP ROW
EXIST ROW
EXIST ROW

SUBURBAN FREEWAY SECTION

(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)

TETRA TECH

Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771
E transport@tetratech.com

SHEET 07 OF 08
ULTIMATE

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

Texas Department of Transportation®

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TXDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_07_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl
Plotted on: 11/9/2026
Scale: 1:0.0833332

Design Filename: pw:\\tetratech-us-pw.bentley.com:rpsgroup-pw-01\Documents_Projects\HOU-DA\008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1\07.00 CADD\FM 973\01-Schematic-PER Exhibits\SHEETS\SOUTH PM EXH 10152026\FM973_SCHEM_08_ULT_SOUTH PM 2026.dgn
Printer Driver: pw:\\tetratech-us-pw.bentley.com:rpsgroup-pw-01\Documents_Support\Bentley\CONNECT\Configuration\Organization-Civil\TXDOT 2022\Pltcfg\pdf-c.pltcfg
Pen Table: pw:\\tetratech-us-pw.bentley.com:rpsgroup-pw-01\Documents_Support\Bentley\CONNECT\Configuration\Organization-Civil\TXDOT 2022\Pltcfg\TX_Pen.tbl
Plotted on: 11/9/2026
Scale: 1:0.0833332

Texas Department of Transportation®

©2026 by Texas Department of Transportation; all rights reserved

DRAFT PRELIMINARY
DESIGN SCHEMATIC
FM 973

SHEET 08 OF 08
ULTIMATE

TEXAS DEPARTMENT OF TRANSPORTATION
PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY
CSJ: 1200-02-036, 1200-01-026, 2295-01-026

TUCKER FERGUSON, P.E. - DISTRICT ENGINEER
AUSTIN DISTRICT

CURRENT ADT :	PROJECTED ADT:
21,470 (2023)	84,700 (2050)

FM 973
FROM US 290
TO SAMSUNG HIGHWAY

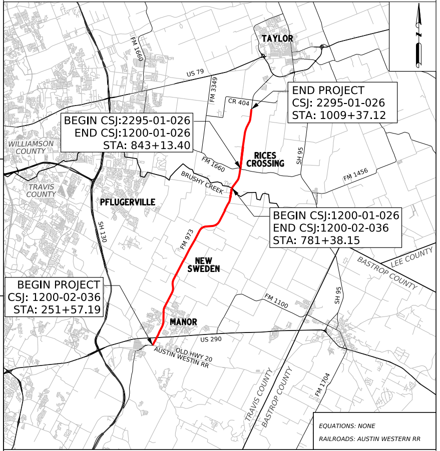
FROM STA 251+57.19 TO STA 1009+37.12

GEOMETRIC SCHEMATIC LAYOUT

NET LENGTH OF PROJECT: 75,779.93 FEET = 14.35 MILES
ROADWAY: 67,658.71 FEET = 12.81 MILES
BRIDGE: 8,121.22 FEET = 1.54 MILES

ROADWAY	FUNCTIONAL CLASSIFICATION	ROADWAY FACILITY	DESIGN SPEED
FM 973 MAINLANES	FREEWAY	SUBURBAN FREEWAY	65 MPH
	PRINCIPAL ARTERIAL	BOULEVARD	55 MPH
RAMPS	N/A	RAMP	50 MPH
FRONTAGE ROAD	COLLECTOR	FRONTAGE ROAD	55-60 MPH
SIDE STREETS	RURAL COLLECTOR	LOCAL ROAD/	35 MPH
	URBAN COLLECTOR	LOCAL ROAD	30 MPH

MAXIMUM SUPERELEVATION RATE (emax) = 6%


TAYLOR
FM 1660
US 79
FM 3349
CR 404
END PROJECT
CSJ: 2295-01-026
STA: 1009+37.12
BEGIN CSJ:2295-01-026
END CSJ:1200-01-026
STA: 843+13.40
WILLIAMSON COUNTY
RICES CROSSING
SH 95
FM 1660
BRUSHY CREEK
FM 1456
TRAVIS COUNTY
PFLUGERVILLE
SH 130
FM 973
BEGIN CSJ:1200-01-026
END CSJ:1200-02-036
STA: 781+38.15
NEW SWEDEN
LEE COUNTY
BASTROP COUNTY
FM 1100
SH 95
BEGIN PROJECT
CSJ: 1200-02-036
STA: 251+57.19
MANOR
US 290
OLD HWY 20
AUSTIN WESTERN RR
TRAVIS COUNTY
BASTROP COUNTY
FM 1704
N

EQUATIONS: NONE
RAILROADS: AUSTIN WESTERN RR

LOCATION MAP : N.T.S.

SURVEY DATA: TEXAS CENTRAL ZONE #4203 (TRAVIS COUNTY)
ADJUSTED TO SURFACE USING COMBINED SCALE FACTOR 1.0001

PRELIMINARY
SUBMITTED FOR REVIEW
Engineer: CHAD GARDINER, P.E.
P.E. No.: 93793 Date: 11/9/2026
Signature:
NOT FOR CONSTRUCTION, BIDDING
OR PERMITTING

DESIGN STANDARDS USED
TXDOT ROADWAY DESIGN MANUAL: 2024
TXDOT HYDRAULIC DESIGN MANUAL: 2019
TRB HIGHWAY CAPACITY MANUAL: 2022
TEXAS MANUAL OF UNIFORM CONTROL DEVICES: 2011

HORZ SCALE: 1"=100'
0 50 100 200
VERT SCALE: 1"=10'
10 5 0 10

NOT A BIDDING DOCUMENT
DATE

PROJECT MANAGER, P.E.
P.E. #XXXXX
PROJECT MANAGER

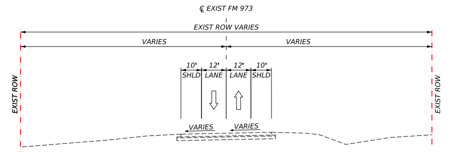
SUBMITTED FOR APPROVAL FOR FURTHER PROJECT DEVELOPMENT
RECOMMENDED BY
ADVANCED PROJECT
DEVELOPMENT DIRECTOR
RECOMMENDED BY
AREA ENGINEER

RECOMMENDED BY
DISTRICT DESIGN ENGINEER
APPROVED BY
DIRECTOR, TRANSPORTATION
PLANNING & DEVELOPMENT

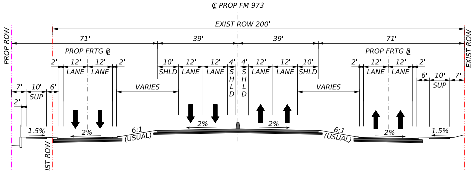
TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

PLAN VIEW LEGEND

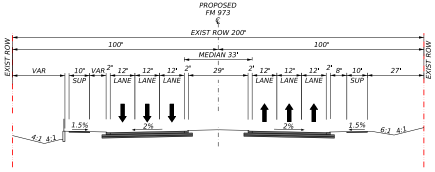
— · — · —	PROPOSED CENTERLINE/BASELINE	🟦	PROPOSED MAINLANE
— · · — · · —	EXISTING ROW	🟧	PROPOSED FRONTAGE ROAD, CROSS STREETS & DRIVEWAYS
— · · — · · —	PROPOSED ROW	🟩	PROPOSED RAMPS
— · · — · · —	PROPOSED DRAINAGE EASEMENT	🟥	PROPOSED BRIDGE LIMITS
——	PARCEL LINE	▨	PROPOSED RIPRAP
⇦	EXISTING TRAFFIC DIRECTION	▬	PROPOSED SHARED USE PATH & SIDEWALKS
⇦	PROPOSED TRAFFIC DIRECTION	▬	ADJACENT PROJECTS (ROAD), BY OTHERS
─╫─	PROPOSED CONTROL OF ACCESS	▬	ADJACENT PROJECTS (BRIDGE), BY OTHERS
●—●	FLEXIBLE DELINIATORS (WITH PAINT STRIPE)	🟪	FM 973 NORTH PROJECT
☒	POTENTIAL DISPLACEMENT	▨	REMOVAL
━	PROPOSED RETAINING WALL (MSE)		
━	PROPOSED RETAINING WALL (STACKED STONE BLOCK)		


℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
EXIST ROW
EXIST ROW
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
VARIES
VARIES

EXISTING FM 973

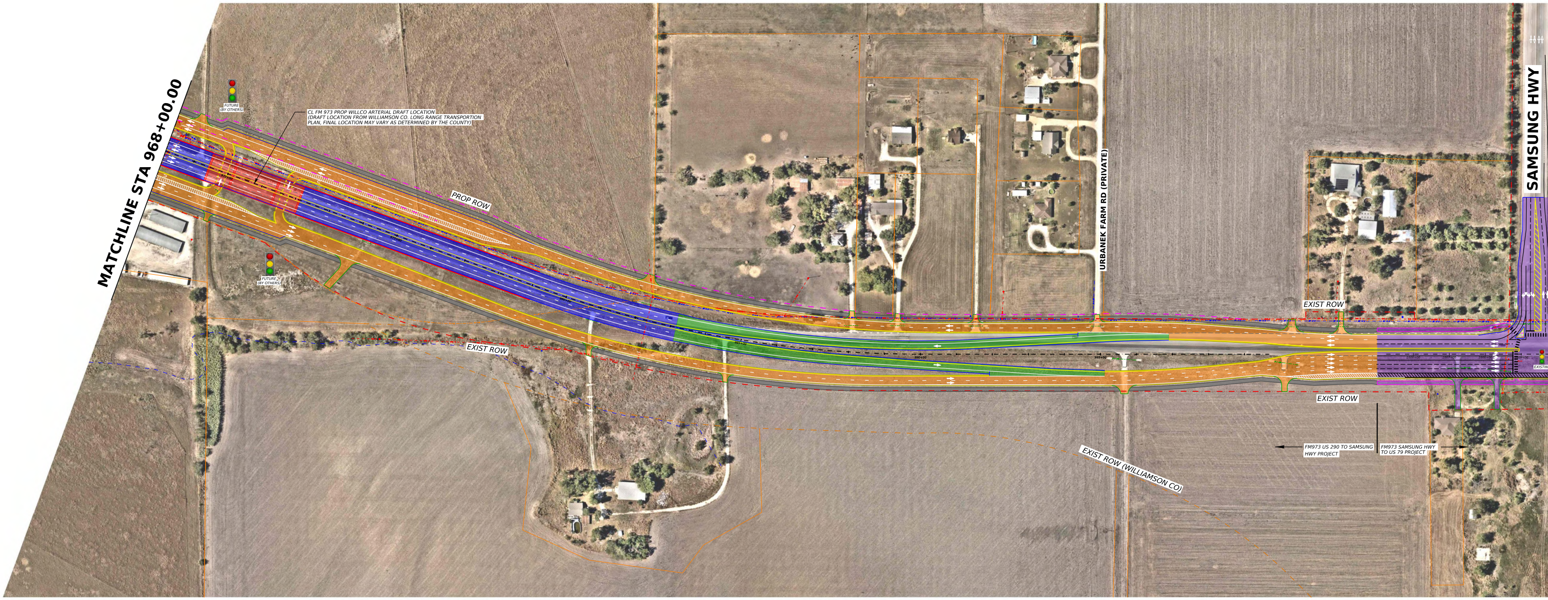

℄ PROP FM 973
EXIST ROW 200'
PROP ROW
EXIST ROW
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
2'
12'
12'
2'
LANE
LANE
7'
10'
6'
SUP
2'
VARIES
VARIES
6'
10'
7'
SUP
1.5%
2%
6:1 (USUAL)
2%
2%
6:1 (USUAL)
2%
1.5%
EXIST ROW

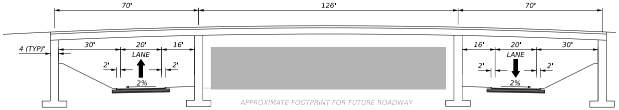
SUBURBAN FREEWAY SECTION
(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)


PROPOSED FM 973 ℄
EXIST ROW 200'
100'
100'
MEDIAN 33'
EXIST ROW
EXIST ROW
VAR
10'
VAR
2'
12'
12'
12'
2'
29'
2'
12'
12'
12'
2'
8'
10'
27'
SUP
LANE
LANE
LANE
LANE
LANE
LANE
SUP
1.5%
2%
2%
1.5%
4:1
4:1
6:1
4:1

URBAN BOULEVARD SECTION

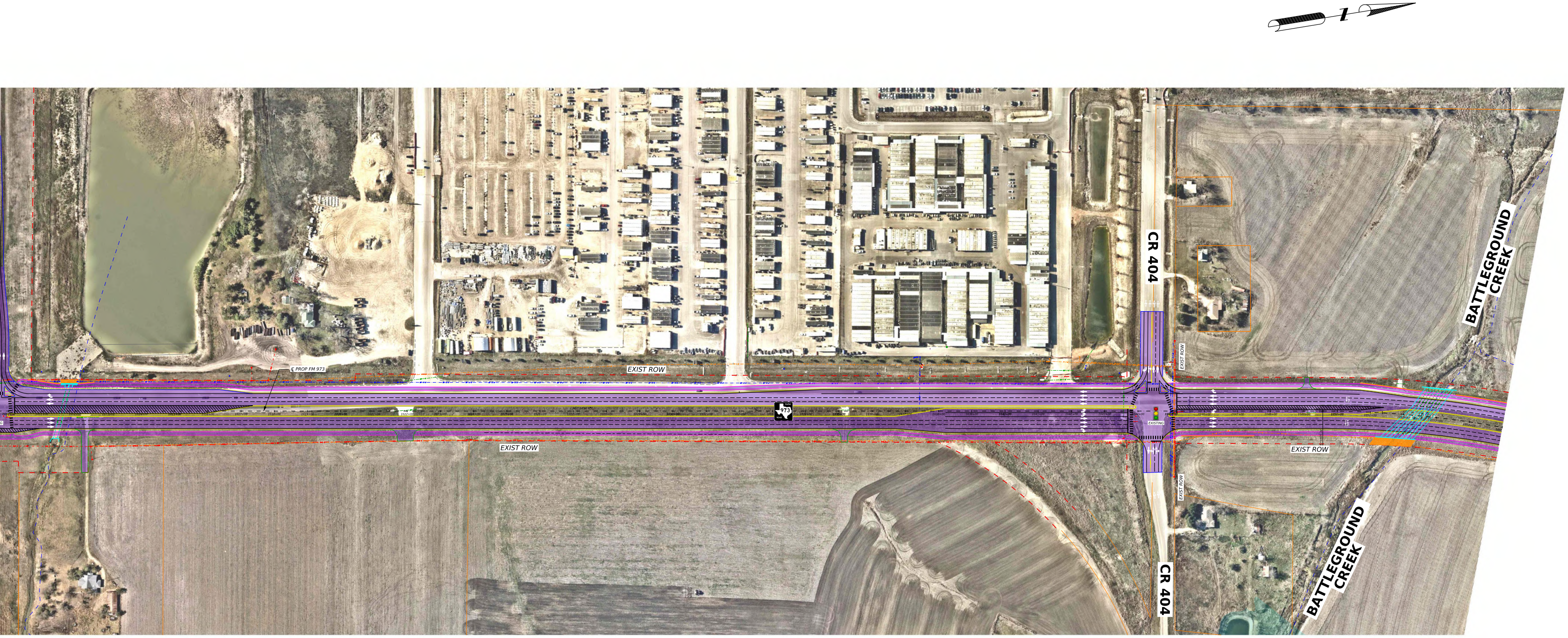
FM


MATCHLINE STA 968+00.00
FUTURE (BY OTHERS)
CL FM 973 PROP WILLCO ARTERIAL DRAFT LOCATION (DRAFT LOCATION FROM WILLIAMSON CO. LONG RANGE TRANSPORTION PLAN, FINAL LOCATION MAY VARY AS DETERMINED BY THE COUNTY)
FUTURE (BY OTHERS)
970+00
975+00
PROP ROW
EXIST ROW
URBANEK FARM RD (PRIVATE)
EXIST ROW
SAMSUNG HWY
1006+00
1007+00
1008+00
1009+00
EXISTIN
EXIST ROW
FM973 US 290 TO SAMSUNG HWY PROJECT
FM973 SAMSUNG HWY TO US 79 PROJECT
EXIST ROW (WILLIAMSON CO)


70'
126'
70'
4 (TYP)'
30'
20'
16'
LANE
2'
2'
2%
16'
20'
30'
LANE
2'
2'
2%
APPROXIMATE FOOTPRINT FOR FUTURE ROADWAY

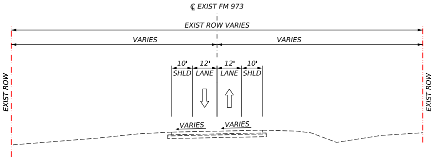
CROSSROAD UNDER FM 973
FUTURE WILLIAMSON CO ARTERIAL

973 ULTIMATE

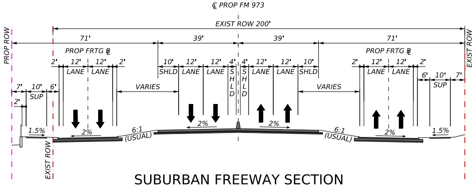


℄ PROP FM 973
EXIST ROW
EXIST ROW
973
CR 404
EXIST ROW
EXISTING
BATTLEGROUND CREEK
EXIST ROW
EXIST ROW
CR 404
BATTLEGROUND CREEK

PRELIMINARY
SUBJECT TO CHANGE

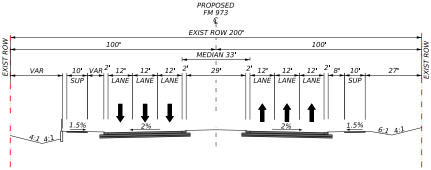

℄ EXIST FM 973
EXIST ROW VARIES
VARIES
VARIES
10'
12'
12'
10'
SHLD
LANE
LANE
SHLD
VARIES
VARIES
EXIST ROW
EXIST ROW

EXISTING FM 973


℄ PROP FM 973
EXIST ROW 200'
71'
39'
39'
71'
PROP FRTG ℄
PROP FRTG ℄
2'
12'
12'
2'
LANE
LANE
10'
12'
12'
4'
4'
12'
12'
10'
SHLD
LANE
LANE
SHLD
SHLD
LANE
LANE
SHLD
2'
12'
12'
2'
LANE
LANE
7'
10'
6'
SUP
2'
6'
10'
7'
SUP
VARIES
VARIES
1.5%
2%
6:1
(USUAL)
2%
2%
6:1
(USUAL)
2%
1.5%
PROP ROW
EXIST ROW
EXIST ROW

SUBURBAN FREEWAY SECTION

(SEE PLAN VIEW FOR LOCATION OF PROPOSED ROW)


PROPOSED
FM 973
℄
EXIST ROW 200'
100'
100'
MEDIAN 33'
VAR
10'
VAR
2'
12'
12'
12'
2'
29'
2'
12'
12'
12'
2'
8'
10'
27'
SUP
LANE
LANE
LANE
LANE
LANE
LANE
SUP
1.5%
2%
2%
1.5%
4:1
4:1
6:1
4:1
EXIST ROW
EXIST ROW

URBAN BOULEVARD SECTION

TETRA TECH
Texas PE Firm Reg. #F-929
4801 Southwest Pkwy, Pkwy 1, Suite 185, Austin, Texas 78735
T +1 512 328 5771 E transport@tetratech.com

SHEET 08 OF 08
ULTIMATE

PRELIMINARY DESIGN SCHEMATIC
FM 973
TRAVIS & WILLIAMSON COUNTY

Texas Department of Transportation®

Design Filename: pw://tetratech-us-pw.bentley.com:rpsgroup-pw-01/Documents/_Projects/HOU-DA/008283 TxDOT HOU 2020 7x7 S&E - FM 973 - WA1/07.00 CADD/FM 973/01-Schematic-PER Exhibits/SHEETS/SOUTH PM EXH 10152026/FM973_SCHEM_08_ULT_SOUTH PM 2026.dgn
Pen Table: TX_Pen.tbl
Plotted on: 11/9/2026
Scale: 1:0.0833332