Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
STREET	30 MPH
FRONTAGE ROADS	35 MPH
FRONTAGE ROADS	35 MPH
SPUR 394	45 MPH

END PROJECT
CP NB STA. 1054+01.39
TM STA. 0+00
CSJ: 0048-04-090

BEGIN PROJECT
CP NB STA. 1171+44.91
TM STA. 116
CSJ: 0048-04-090
BEGIN CSJ: 0048-04-090

LOCATION MAP
JUNE 2018
SCALE: 1" =100'
ROLL 1 OF 24

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JACOBS
TBPE F-2566 REV. F-2566

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DATE PLOTTED: 10-JUL-2018
TIME PLOTTED: 08:00 AM
FILE NAME: S:\DALLAS_CLL_0048_04_090_SHEET_01.DGN
PLOT SCALE: 1:1 USER: T00550

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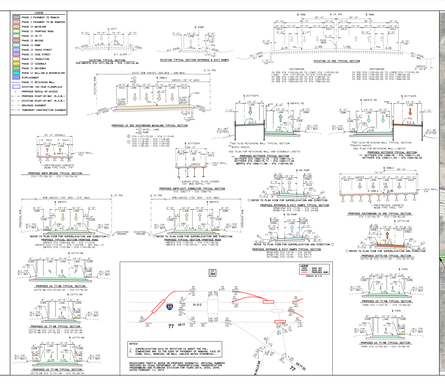
LEGEND
PAVE 1 PAVEMENT TO REMOVE
PAVE 2 PAVEMENT TO REMAIN
PAVE 3 NEW PAVEMENT
PAVE 4 TEMPORARY PAVE
PAVE 5 TRAFFIC
PAVE 6 DRIVE
PAVE 7 RAMP
PAVE 8 SIDE STREET
PAVE 9 SIDEWALK
PAVE 10 TRANSITION
PAVE 11 CURB RAMP
PAVE 12 DRIVE
PAVE 13 CALL-ON & MOVEMENTS
PAVE 14 TURN LANE
EXISTING 30 RETAINING WALL
EXISTING 100 YEAR FLOODPLAIN
PROPOSED RIGHT-OF-WAY (R.O.W.)
EXISTING RIGHT-OF-WAY (R.O.W.)
PROPOSED EASEMENT
TEMPORARY CONSTRUCTION EASEMENT
EXISTING TYPICAL SECTION EXTENDED & EXIT RAMP
PROPOSED 30 RETAINING WALL TYPICAL SECTION
PROPOSED 30 RETAINING WALL TYPICAL SECTION
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PROPOSED NB MAIN TYPICAL SECTION
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ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMPS	35 MPH
FRONTAGE ROADS	35 MPH
RAMPS	35 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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JACOBS
TBPE F-2966 REV. F-2966

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RAMP	35 MPH
CROSSROADS	35 MPH
FRONTAGE ROADS	35 MPH
RAMP	35 MPH

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JACOBS
TBPE F-2966 REV. 7-2016

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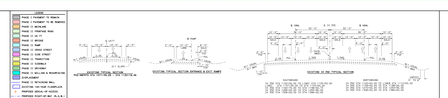
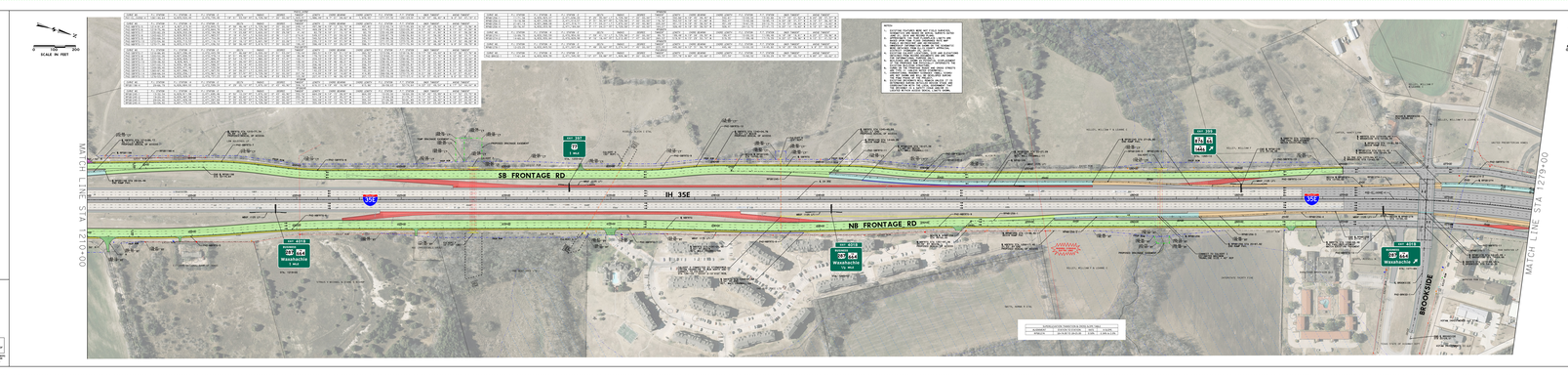


NOTES:
1. CONSTRUCTION COSTS OF DRIVEWAYS TO ABUTS THE ROW, WHICH ARE TO BE PAID BY THE ADJACENT PROPERTY OWNER, WILL BE PAID BY THE STATE AND REIMBURSED BY THE ADJACENT PROPERTY OWNER.
2. ALL DRIVEWAYS, ROADS, STREETS, ALLEYS, ETC. MUST BE REGULATORY TRAFFIC DEVICES AT THE PROPERTY LINE. PROVIDE TRAFFIC DEVICES AS REQUIRED BY THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



NOTES:
1. EXISTING STRUCTURES WERE NOT FIELD VERIFIED. THE LOCATIONS SHOWN ARE BASED ON AERIAL PHOTOGRAPHY AND MAPPING DATA.
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FRONTAGE ROADS	35 MPH
RAMP	35 MPH
CROSSROADS	35 MPH
FRONTAGE ROADS	35 MPH
RAMP	35 MPH

END PROJECT
CP NB 1054+01.39
TPM POS.173
CSJ: 0048-04-090
BEGIN PROJECT
CP NB 1210+00.91
TPM POS.169
BEGIN CSJ: 0048-04-090

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
EXIT	35 MPH
EXIT CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
ENTRANCE RAMPS	35 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMPS	35 MPH + 10 MPH FOR UNDERTURN AND UEDERTURN
CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
RAMP ROADS	35 MPH

END PROJECT
CSJ: 0048-04-090
TPP: 1034+01.39
TPP: 906.07
CSJ: 0048-04-090

BEGIN PROJECT
CSJ: 0048-04-090
TPP: 1114+44.91
TPP: 706.78
CSJ: 0048-04-090
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PLOT DATE: 5/30/2018
FILE NAME: 0048-04-090 SCHEMATIC.DGN

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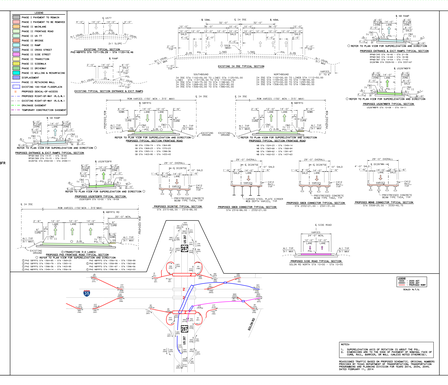
LEGEND
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PAVE 2 PAVEMENT TO REMOVE
PAVE 3 PAVEMENT
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PAVE 11 CURB STREET
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PAVE 13 DRIVEWAY
PAVE 14 DRIVEWAY
PAVE 15 CALL-ON & MOVEMENTS
PAVE 16 RAMP
EXISTING 1ST PROPOSED WALL
EXISTING 1ST PROP FLUMPLATE
EXISTING 1ST PROP. W.L.R.S.
EXISTING 2ND PROP. W.L.R.S.
EXISTING 3RD PROP. W.L.R.S.
PROPOSED CONSTRUCTION
EXISTING TYPICAL SECTION BETWEEN B.S.&T.EAST
PROPOSED TYPICAL SECTION
EXISTING TYPICAL SECTION

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SHEET 24 - SCHEMATIC LEGEND

JACOBS
TBPE F-2966 REV. 7-2006

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DATE: 11/13/2018
DESIGN ENGINEER OF RECORD: MOHAMED K. BUR, P.E.
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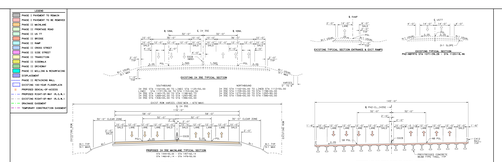

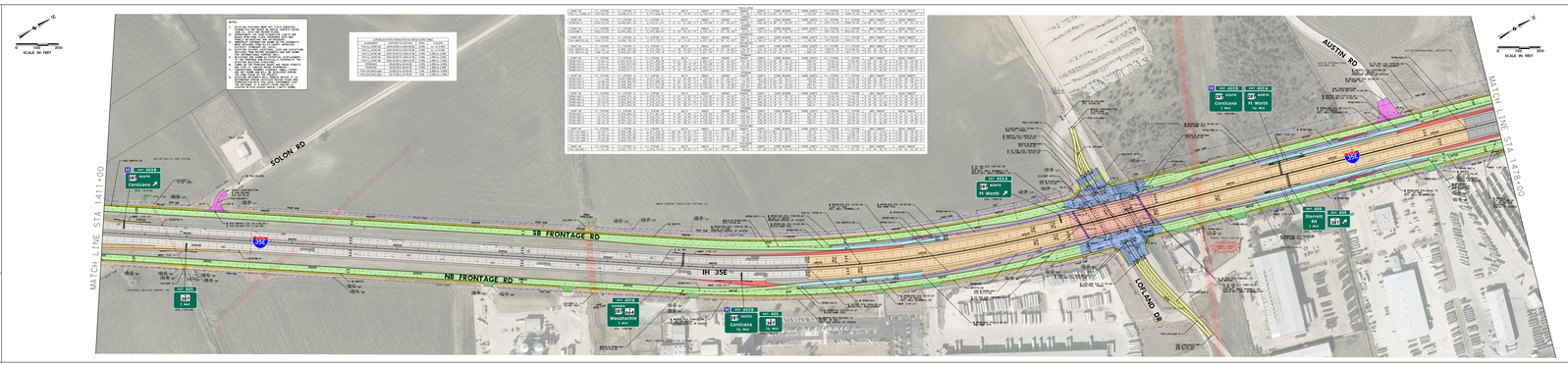

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RAMP CONNECTORS	35 MPH
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RAMP	35 MPH

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TM 456.272
CSJ: 0048-04-090

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TM 456.104
BEGIN CSJ: 0048-04-090

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CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMPS	30 MPH
CONNECTORS	30 MPH
FRONTAGE ROADS	35 MPH
RAMP	30 MPH
CONNECTOR	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 8 OF 24

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TBPE F-2966 REV. F-2966

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THE PLANS, SPECIFICATIONS, AND ESTIMATES
FOR PROJECT CSJ: 0048-04-090
WILL BE PREPARED IN ACCORDANCE WITH THE
DESIGN MANUAL, ALL RELATED TEXAS
DEPARTMENT OF TRANSPORTATION STANDARDS
AND SPECIFICATIONS.

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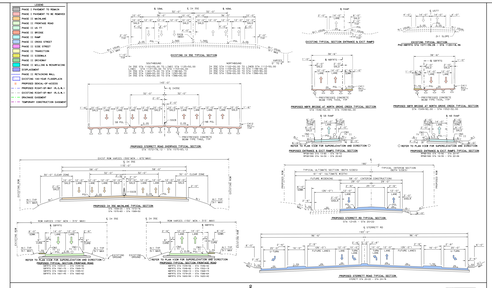
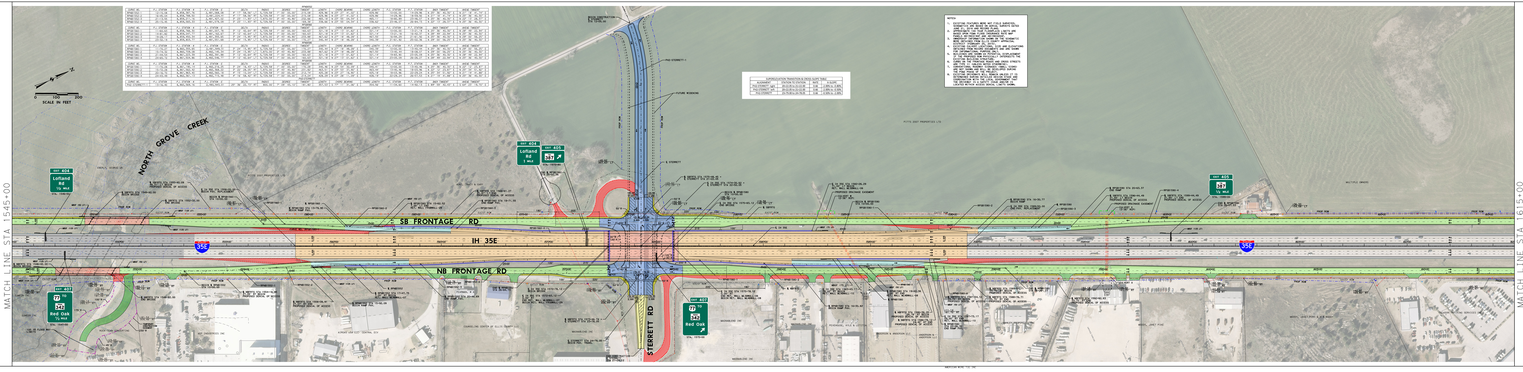
LEGEND

- PAVED 1-PAVEMENT TO REMAIN
- PAVED 2-PAVEMENT TO BE REMOVED
- PAVED 3-NEW PAVEMENT
- PAVED 4-TEMPORARY PAVE
- PAVED 5-CURB
- PAVED 6-GUTTER
- PAVED 7-RAMP
- PAVED 8-SIDE STREET
- PAVED 9-CURB STREET
- PAVED 10-TRANSITION
- PAVED 11-DRIVEWAY
- PAVED 12-DRIVEWAY
- PAVED 13-WALLS AND RETAINING WALLS
- PAVED 14-RETAINING WALL
- EXISTING 100-YEAR FLOODPLAIN
- PROPOSED 100-YEAR FLOODPLAIN
- PROPOSED RIGHT-OF-WAY (R.O.W.)
- EXISTING RIGHT-OF-WAY (R.O.W.)
- PROPOSED EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT



NOTES

1. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND SUPERVISION TO PROVIDE THE SIGNS AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND TEXAS DEPARTMENT OF TRANSPORTATION, TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMPS	30 MPH
CONNECTORS	30 MPH
FRONTAGE ROADS	35 MPH
RAMP	30 MPH
CONNECTOR	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 8 OF 24

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ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMP	35 MPH
RAMP CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	35 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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CROSS SECTION: SCALE: 1" = 10'

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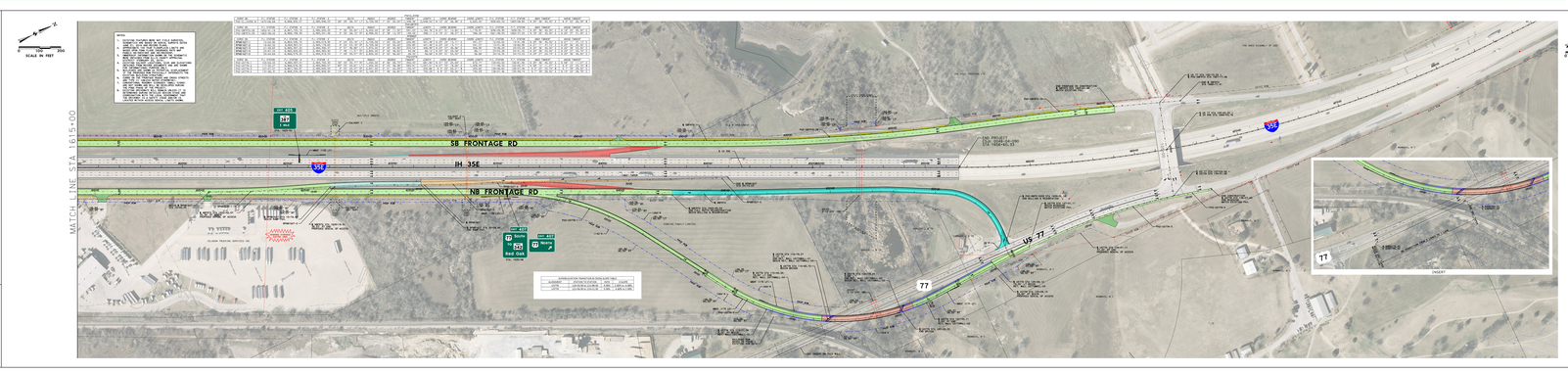

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ROADWAY TYPE	DESIGN SPEED
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RAMP	35 MPH
RAMP CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	35 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 9 OF 24

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ELLIS COUNTY
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CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMP	35 MPH
RAMP CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	30 MPH

* 35 MPH - 55 MPH FOR VEGETATION AND VEGETATION

END PROJECT
CSJ: 0048-01-159 (I-35E)
TPP: POS.2172
CSJ: 0048-04-090

BEGIN PROJECT
CSJ: 0048-01-159 (I-35E)
TPP: POS.1176
CSJ: 0048-04-090
BEGIN CSJ: 0048-04-090

LOCATION MAP
JUNE 2018
SCALE: 1" =100'
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Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMP	35 MPH
RAMP CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	30 MPH

* 35 MPH - 55 MPH FOR VEGETATION AND VEGETATION

END PROJECT
CSJ: 0048-01-159 (I-35E)
TPP: POS.2172
CSJ: 0048-04-090

BEGIN PROJECT
CSJ: 0048-01-159 (I-35E)
TPP: POS.1176
CSJ: 0048-04-090
BEGIN CSJ: 0048-04-090

LOCATION MAP
JUNE 2018
SCALE: 1" =100'
ROLL 10 OF 24

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DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
MAIN LANES	70 MPH
RAMPS	50 MPH
CONNECTORS	30 MPH
FRONTAGE ROADS	40 MPH
CROSS STREETS	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 11 OF 24

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SHEET 5 IH 35E FRONTAGE ROADS PROFILE (STA 1041+00 TO STA 1051+00)
SHEET 6 IH 35E FRONTAGE ROADS PROFILE (STA 1051+00 TO STA 1061+00)
SHEET 7 IH 35E FRONTAGE ROADS PROFILE (STA 1061+00 TO STA 1071+00)
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SHEET 9 IH 35E FRONTAGE ROADS PROFILE (STA 1081+00 TO STA 1091+00)
SHEET 10 IH 35E FRONTAGE ROADS PROFILE (STA 1091+00 TO STA 1101+00)
SHEET 11 IH 35E FRONTAGE ROADS PROFILE (STA 1101+00 TO STA 1111+00)
SHEET 12 IH 35E FRONTAGE ROADS PROFILE (STA 1111+00 TO STA 1121+00)
SHEET 13 IH 35E FRONTAGE ROADS PROFILE (STA 1121+00 TO STA 1131+00)
SHEET 14 IH 35E FRONTAGE ROADS PROFILE (STA 1131+00 TO STA 1141+00)
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SHEET 23 IH 35E FRONTAGE ROADS PROFILE (STA 1221+00 TO STA 1231+00)
SHEET 24 IH 35E FRONTAGE ROADS PROFILE (STA 1231+00 TO STA 1241+00)

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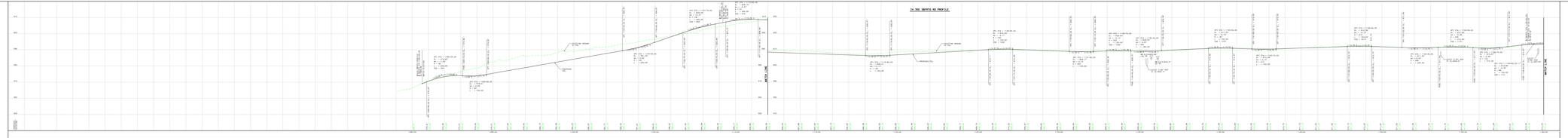
IH 35E NBFRTS RD PROFILE
EXISTING GROUND
PROPOSED PGL
PVI STA = 1+00.00+00.00
PVI = 1+00.00
PVI = 0.00
K-VALUE = 0.000
PVC STA = 1+00.00+00.00
PVC = 1+00.00
PVC = 0.00
PVT STA = 1+00.00+00.00
PVT = 1+00.00
PVT = 0.00

Texas Department of Transportation

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MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
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CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 MPH
RAMP	35 MPH
CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS ROADS	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 12 OF 24

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SHEET 5 IH 35E FRONTAGE ROADS PROFILE (STA 1300+00 TO STA 1400+00)
SHEET 6 IH 35E FRONTAGE ROADS PROFILE (STA 1400+00 TO STA 1500+00)
SHEET 7 IH 35E FRONTAGE ROADS PROFILE (STA 1500+00 TO STA 1600+00)
SHEET 8 IH 35E FRONTAGE ROADS PROFILE (STA 1600+00 TO STA 1700+00)
SHEET 9 IH 35E FRONTAGE ROADS PROFILE (STA 1700+00 TO STA 1800+00)
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SHEET 22 IH 35E FRONTAGE ROADS PROFILE (STA 3000+00 TO STA 3100+00)
SHEET 23 IH 35E FRONTAGE ROADS PROFILE (STA 3100+00 TO STA 3200+00)
SHEET 24 IH 35E FRONTAGE ROADS PROFILE (STA 3200+00 TO STA 3300+00)

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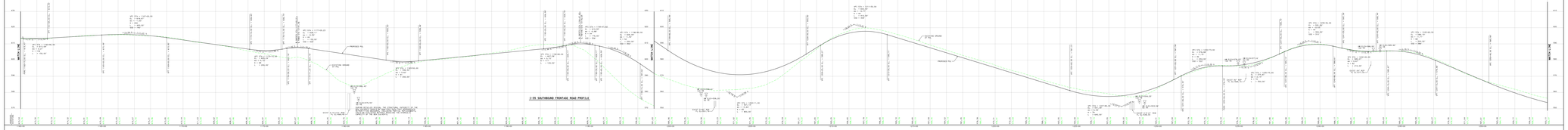
I-35 SOUTHBOUND FRONTAGE ROAD PROFILE
I-35 NORTHBOUND FRONTAGE ROAD PROFILE
MATCH LINE
FRANKLIN RD.
CULVERT DRAINS
EXISTING DRAINS
EXISTING ROADWAY
EXISTING GROUND
PROFILE GRADE
SEE TYPICAL SECTIONS FOR PROPOSED DITCHES

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RAMPS	35 MPH
CROSS STREETS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	35 MPH

LOCATION MAP
JUNE 2018
SCALE: 1" =100'
ROLL 13 OF 24

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SHEET NO. 1 IH 35E FROM US-77 SOUTH TO US-77 NORTH
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SHEET NO. 22 IH 35E FROM US-77 SOUTH TO US-77 NORTH
SHEET NO. 23 IH 35E FROM US-77 SOUTH TO US-77 NORTH
SHEET NO. 24 IH 35E FROM US-77 SOUTH TO US-77 NORTH

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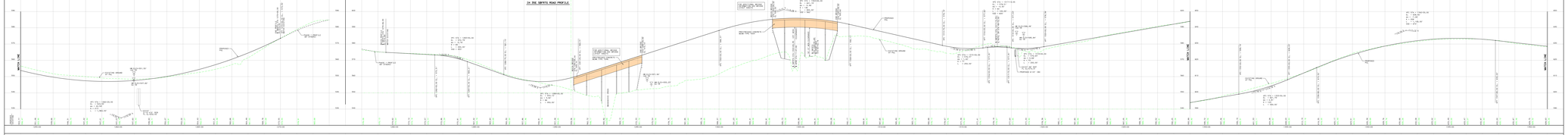
IH 35E NBFRTS ROAD PROFILE
MATCH LINE
EXISTING GROUND
PROPOSED
IH 35E NBFRTS ROAD
VPI STA. = 1+00.00
VPI EL. = 530.00
K = 100.00
L = 200.00

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMPS	35 MPH
CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 14 OF 24

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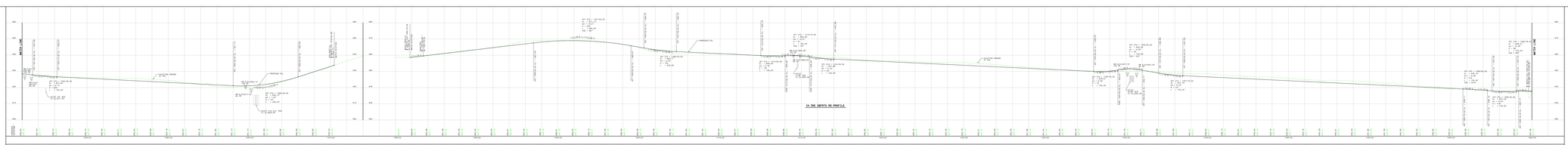

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JUNE 2018
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ROLL 14 OF 24

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LOCATION MAP
JUNE 2018
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ROLL 15 OF 24

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SHEET 15 IH 35E FRONTAGE ROADS PROFILE (STA 1570+00 TO STA 1613+00)
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SHEET 23 IH 35E FRONTAGE ROADS PROFILE (STA 1914+00 TO STA 1957+00)
SHEET 24 IH 35E FRONTAGE ROADS PROFILE (STA 1957+00 TO STA 2000+00)

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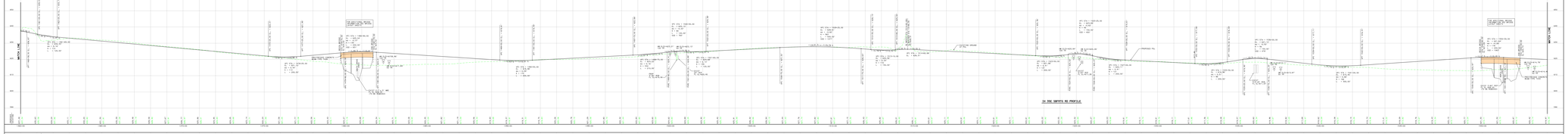

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
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LOCATION MAP
JUNE 2018
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ROLL 15 OF 24

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Texas Department of Transportation

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IH 35E FRONTAGE ROADS
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CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 16 OF 24

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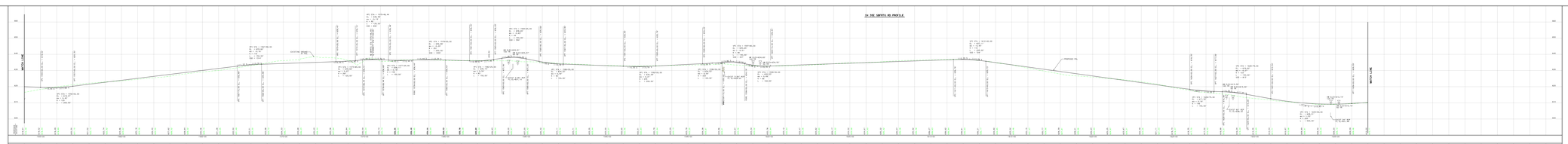

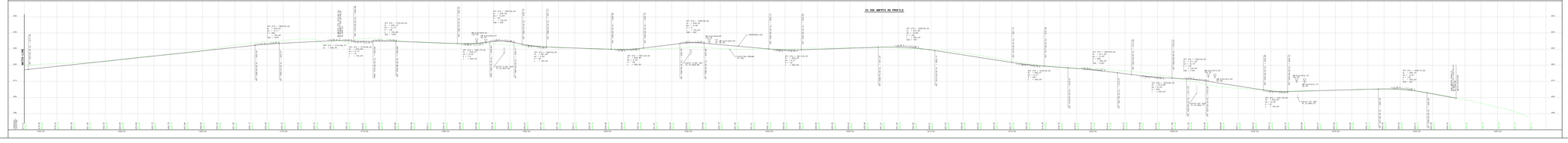

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RAMP CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
FRONTAGE ROADS	35 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 17 OF 24

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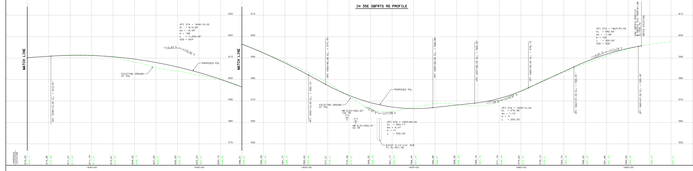
IH 35E NBFRTG RD PROFILE
MATCH LINE
MATCH LINE
PROPOSED PGL
EXISTING GROUND
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PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 1+00+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 3+00+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 1+50+00.00
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K = 100.00
L = 200.00
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L = 200.00
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PVC STA. = 41+50+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 43+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 42+00+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 42+00+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 44+00+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 42+50+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 42+50+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 44+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 43+00+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 43+00+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 45+00+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 43+50+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 43+50+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 45+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 44+00+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 44+00+00.00
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K = 100.00
L = 200.00
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PVI STA. = 46+50+00.00
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K = 100.00
L = 200.00
PVC STA. = 46+50+00.00
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L = 200.00
PVC STA. = 47+00+00.00
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PVI STA. = 47+50+00.00
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L = 200.00
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L = 200.00
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L = 200.00
PVC STA. = 48+50+00.00
PVC ELEV. = 0.00 MSL
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K = 100.00
L = 200.00
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K = 100.00
L = 200.00
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PVC ELEV. = 0.00 MSL
PVT STA. = 53+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 52+00+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
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PVT STA. = 54+00+00.00
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K = 100.00
L = 200.00
PVC STA. = 52+50+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 54+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 53+00+00.00
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L = 200.00
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K = 100.00
L = 200.00
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PVT ELEV. = 0.00 MSL
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K = 100.00
L = 200.00
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L = 200.00
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L = 200.00
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L = 200.00
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L = 200.00
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L = 200.00
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L = 200.00
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PVI ELEV. = 0.00 MSL
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L = 200.00
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PVI STA. = 60+50+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 60+50+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 62+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 61+00+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 61+00+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 63+00+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 61+50+00.00
PVI ELEV. = 0.00 MSL
K = 100.00
L = 200.00
PVC STA. = 61+50+00.00
PVC ELEV. = 0.00 MSL
PVT STA. = 63+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 62+00+00.00
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K = 100.00
L = 200.00
PVC STA. = 62+00+00.00
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PVC ELEV. = 0.00 MSL
PVT STA. = 64+50+00.00
PVT ELEV. = 0.00 MSL
PVI STA. = 63+00+00.00
PV

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	55 MPH
EXIT	30 MPH
EXIT RAMPS/CDRS	30 MPH
FRONTAGE ROADS	35 MPH
FRONTAGE RAMPS	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 18 OF 24

SHEET INDEX

ROLL 1 - 1 IH 35E FROM BEGIN PROJECT TO 0.5 MI N OF FM 1387
ROLL 2 - 2 IH 35E FROM 0.5 MI N OF FM 1387 TO 1.5 MI N OF FM 1387
ROLL 3 - 3 IH 35E FROM 1.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 4 - 4 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 5 - 5 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 6 - 6 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 7 - 7 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 8 - 8 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 9 - 9 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 10 - 10 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 11 - 11 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 12 - 12 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 13 - 13 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 14 - 14 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 15 - 15 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 16 - 16 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 17 - 17 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 18 - 18 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 19 - 19 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 20 - 20 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 21 - 21 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 22 - 22 IH 35E FROM 0.5 MI S OF FM 1387 TO 0.5 MI N OF FM 1387
ROLL 23 - 23 IH 35E FROM 0.5 MI N OF FM 1387 TO 0.5 MI S OF FM 1387
ROLL 24 - 24 IH 35E FROM 0.5 MI S OF FM 1387 TO END PROJECT

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TBPE F-2966 TBPLS F-2966

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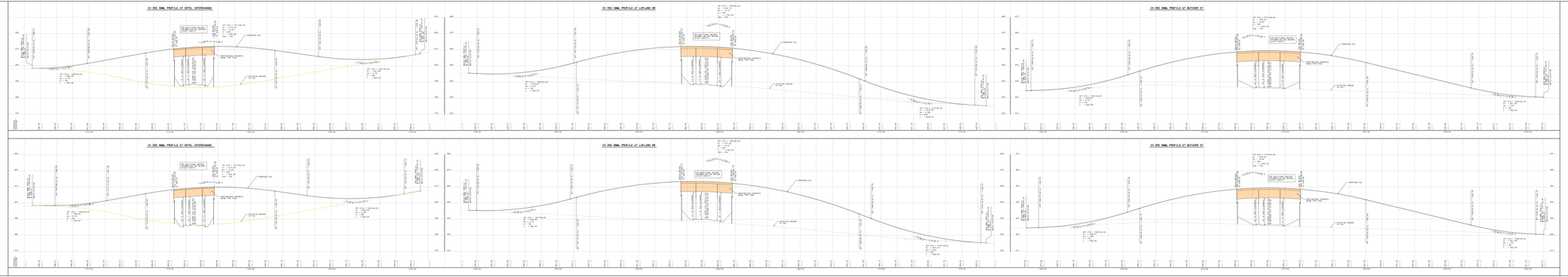
24 IH 35E SBML PROFILE AT HOTEL INTERCHANGE
24 IH 35E SBML PROFILE AT LUPLAND DR
24 IH 35E SBML PROFILE AT BUTCHER ST
24 IH 35E NBML PROFILE AT HOTEL INTERCHANGE
24 IH 35E NBML PROFILE AT LUPLAND DR
24 IH 35E NBML PROFILE AT BUTCHER ST
PROPOSED PGL
EXISTING GROUND
PVI STA = 1+00+00.00
PVI ELEV = 470.00
K = 0.0
L = 0.00
PVC STA = 1+00+00.00
PVC ELEV = 470.00
PVT STA = 1+00+00.00
PVT ELEV = 470.00

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 MPH
EXPRESS CONNECTORS	50 MPH
FRONTAGE ROADS	40 MPH
CROSS STREETS	30 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 19 OF 24

SHEET INDEX

ROLL 19 IH 35E FRONTAGE ROADS PROFILE AT STONNETT RD

Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMPS	35 MPH
DIRECT CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
DIRECT CONNECTORS	35 MPH

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 20 OF 24

SHEET INDEX

SHEET 1 TITLE SHEET
SHEET 2 SCHEMATIC DESIGN PROFILE
SHEET 3 SCHEMATIC DESIGN PROFILE
SHEET 4 SCHEMATIC DESIGN PROFILE
SHEET 5 SCHEMATIC DESIGN PROFILE
SHEET 6 SCHEMATIC DESIGN PROFILE
SHEET 7 SCHEMATIC DESIGN PROFILE
SHEET 8 SCHEMATIC DESIGN PROFILE
SHEET 9 SCHEMATIC DESIGN PROFILE
SHEET 10 SCHEMATIC DESIGN PROFILE
SHEET 11 SCHEMATIC DESIGN PROFILE
SHEET 12 SCHEMATIC DESIGN PROFILE
SHEET 13 SCHEMATIC DESIGN PROFILE
SHEET 14 SCHEMATIC DESIGN PROFILE
SHEET 15 SCHEMATIC DESIGN PROFILE
SHEET 16 SCHEMATIC DESIGN PROFILE
SHEET 17 SCHEMATIC DESIGN PROFILE
SHEET 18 SCHEMATIC DESIGN PROFILE
SHEET 19 SCHEMATIC DESIGN PROFILE
SHEET 20 SCHEMATIC DESIGN PROFILE
SHEET 21 SCHEMATIC DESIGN PROFILE
SHEET 22 SCHEMATIC DESIGN PROFILE
SHEET 23 SCHEMATIC DESIGN PROFILE
SHEET 24 SCHEMATIC DESIGN PROFILE

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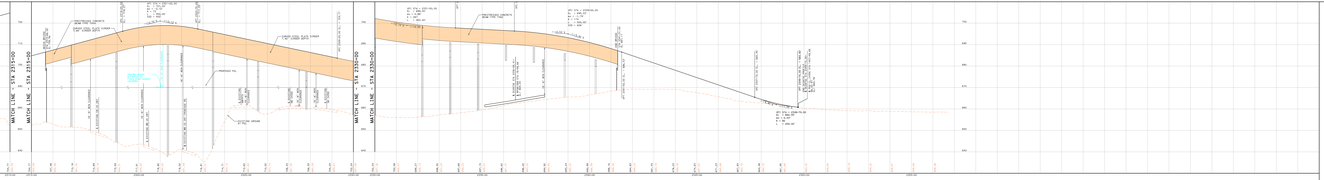
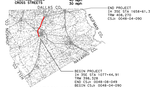
SOUTHBOUND I-35 TO EASTBOUND US 287 DIRECT CONNECTOR PROFILE



Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 MPH
EXIT	35 MPH
EXIT CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS ROADS	30 MPH



LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 21 OF 24

SHEET INDEX

SHEET 1 TITLE SHEET
SHEET 2 SCHEMATIC DESIGN SHEET (1 OF 12)
SHEET 3 SCHEMATIC DESIGN SHEET (2 OF 12)
SHEET 4 SCHEMATIC DESIGN SHEET (3 OF 12)
SHEET 5 SCHEMATIC DESIGN SHEET (4 OF 12)
SHEET 6 SCHEMATIC DESIGN SHEET (5 OF 12)
SHEET 7 SCHEMATIC DESIGN SHEET (6 OF 12)
SHEET 8 SCHEMATIC DESIGN SHEET (7 OF 12)
SHEET 9 SCHEMATIC DESIGN SHEET (8 OF 12)
SHEET 10 SCHEMATIC DESIGN SHEET (9 OF 12)
SHEET 11 SCHEMATIC DESIGN SHEET (10 OF 12)
SHEET 12 SCHEMATIC DESIGN SHEET (11 OF 12)
SHEET 13 SCHEMATIC DESIGN SHEET (12 OF 12)
SHEET 14 TYPICAL SECTIONS
SHEET 15 TYPICAL SECTIONS
SHEET 16 TYPICAL SECTIONS
SHEET 17 TYPICAL SECTIONS
SHEET 18 TYPICAL SECTIONS
SHEET 19 TYPICAL SECTIONS
SHEET 20 TYPICAL SECTIONS
SHEET 21 TYPICAL SECTIONS
SHEET 22 TYPICAL SECTIONS
SHEET 23 TYPICAL SECTIONS
SHEET 24 TYPICAL SECTIONS

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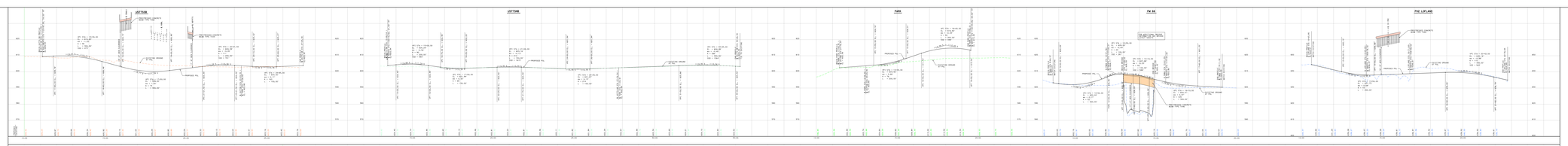
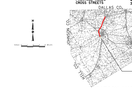


Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FREEWAY	70 MPH
EXIT	35 MPH
EXIT CONNECTORS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS ROADS	30 MPH



LOCATION MAP
JUNE 2018
SCALE: 1"=100'
ROLL 21 OF 24

SHEET INDEX

SHEET 1 TITLE SHEET
SHEET 2 SCHEMATIC DESIGN SHEET (1 OF 12)
SHEET 3 SCHEMATIC DESIGN SHEET (2 OF 12)
SHEET 4 SCHEMATIC DESIGN SHEET (3 OF 12)
SHEET 5 SCHEMATIC DESIGN SHEET (4 OF 12)
SHEET 6 SCHEMATIC DESIGN SHEET (5 OF 12)
SHEET 7 SCHEMATIC DESIGN SHEET (6 OF 12)
SHEET 8 SCHEMATIC DESIGN SHEET (7 OF 12)
SHEET 9 SCHEMATIC DESIGN SHEET (8 OF 12)
SHEET 10 SCHEMATIC DESIGN SHEET (9 OF 12)
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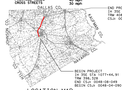
Texas Department of Transportation

DALLAS DISTRICT
DESIGN SCHEMATIC
MOHAMED K. BUR, P.E., DISTRICT ENGINEER
ELLIS COUNTY
IH 35E FRONTAGE ROADS
PROJECT LIMIT: FROM US-77 SOUTH OF WAXAHACHIE
TO US-77 NORTH OF WAXAHACHIE
CONTROL: 0048-04-090
FUNCTIONAL CLASS: FREEWAY
PROJECT LENGTH = 11.008 MILES (58,121.49 FT.)

ROADWAY TYPE	DESIGN SPEED
FRONTAGE ROADS	35 MPH
RAMPS	35 MPH
CONNECTIONS	35 MPH
FRONTAGE ROADS	35 MPH
CROSS STREETS	30 MPH



LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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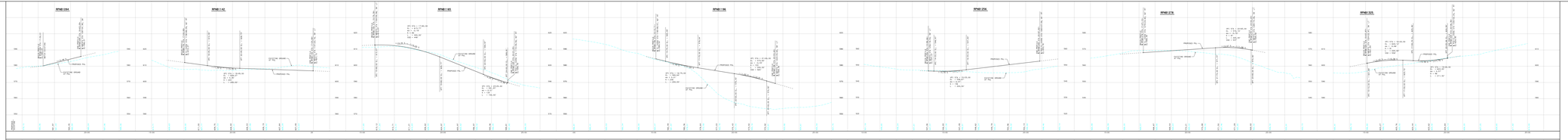

Texas Department of Transportation

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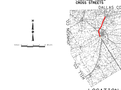

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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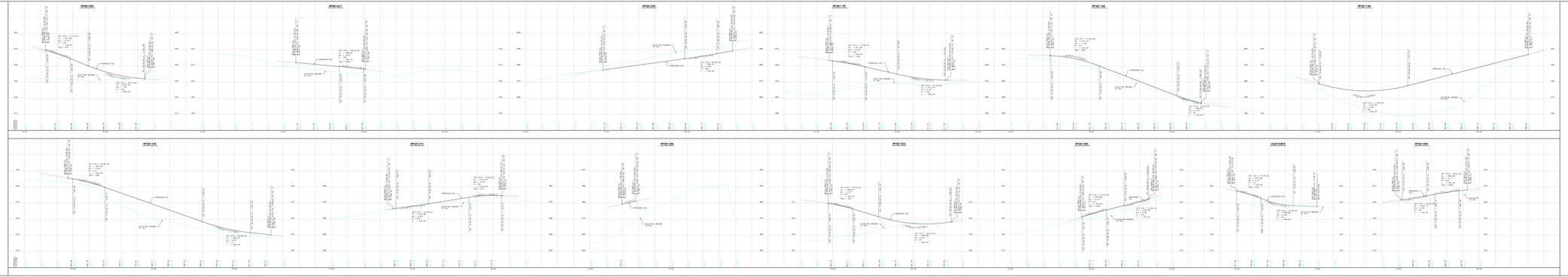
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RP802003
RP802004
RP802005
RP802006
RP802007
RP802008
RP802009
RP802010
RP802011
RP802012
RP802013
RP802014
PROPOSED FGL
EXISTING GROUND
PVI STA. 1+00.00
EL = 566.00'
G = 0.00 %
L = 200.00'

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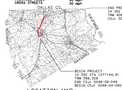

LOCATION MAP
JUNE 2018
SCALE: 1"=100'
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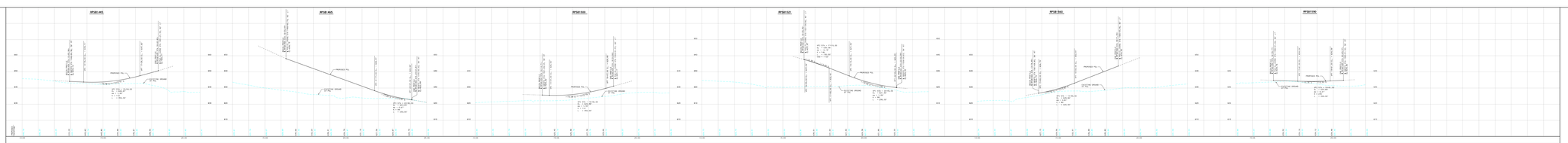

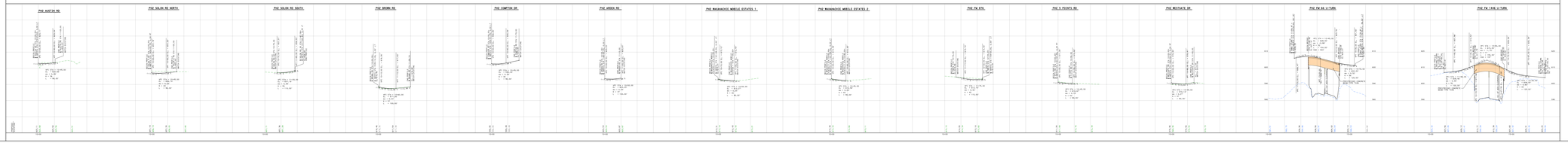

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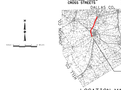

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