Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

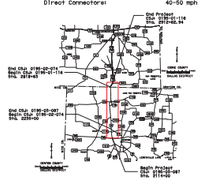
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

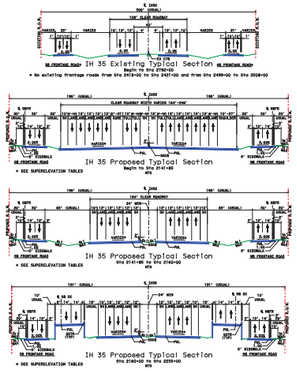
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MICHELL — P.E. LICENSE NO.
JASON M. SCOTTER — P.E. LICENSE NO.
NOVEMBER 2018 — DATE

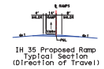
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 1 OF 23

HDR
HDR Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1253
972.992.4400





IH 35 Proposed Ramp Typical Section (Direction of Travel)

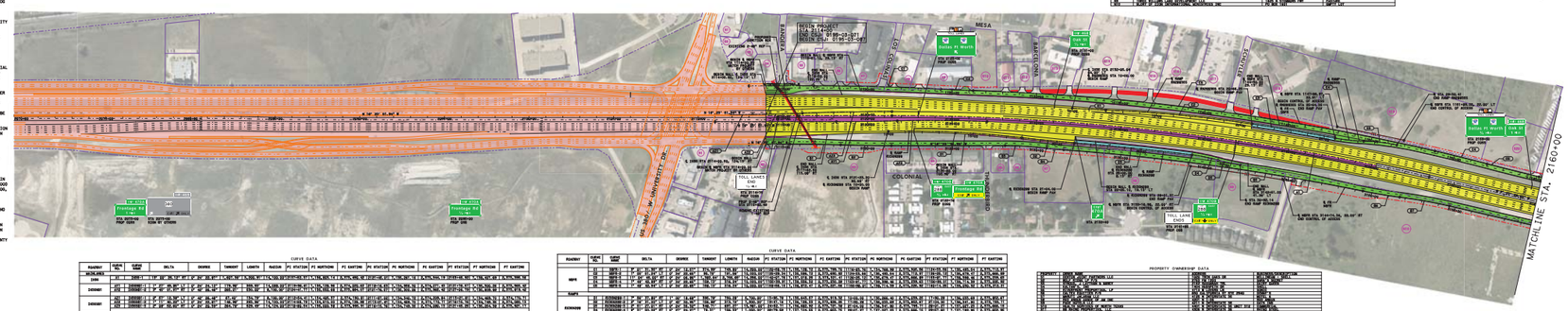
Typical Ramp Exit to Frontage Rd Taper

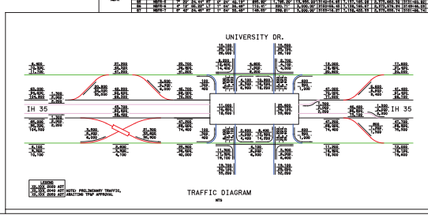
LEGEND

MAINLANES	MANAGED LANES
FRONTAGE ROADS	TRANSITION PAVEMENT
RAMPS	BY OTHERS
BRIDGES	PAVEMENT REMOVAL
CROSS STREETS/LOCAL ROADS	CONTROL OF ACCESS
LOCAL STREET CONNECTOR	PROPOSED RETAINING WALL
EXISTING RIGHT-OF-WAY	
PROPOSED RIGHT-OF-WAY	
PROPOSED DRAINAGE EASEMENT	
FUTURE WORK BY OTHERS	
PROPERTY LINES	

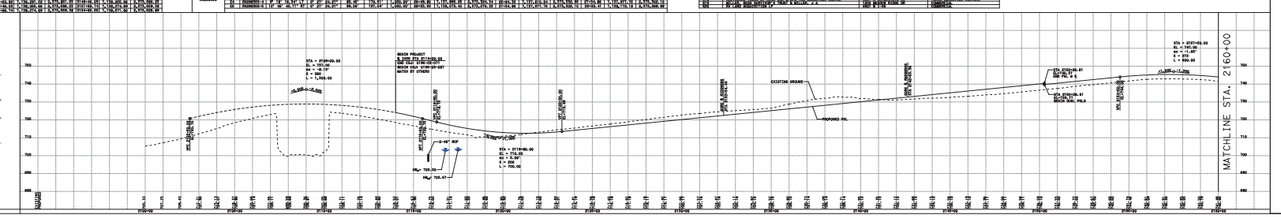
General Notes

1. EXISTING FEATURES WERE NOT FIELD VERIFIED. FEATURES ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2014 AND MAPPED BY TXDOT.
2. TRAFFIC VOLUMES BASED ON METRON MODEL AND WILL BE APPROVED BY TXDOT TPP4.
3. ADA RAMPS AND SIDEWALK ARE PROPOSED TO MEET ACCESSIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PSNC DESIGN PHASE.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. ROW LIMITS ARE STILL PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSNC DESIGN.
6. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF CONSTRUCTION WILL BE REMOVED UNLESS OTHERWISE NOTED.
7. VERTICAL ELEVATION AXIS OF ROTATION IS ABOUT THE PVI'S AS SHOWN IN THE TYPICAL SECTIONS.
8. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS OTHERWISE NOTED.
9. SIDEWALKS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB. SEE SUPERELEVATION TABLES FOR ADDITIONAL INFO.
10. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0260G, EFFECTIVE 09/26/2008, AND 48121C0270G EFFECTIVE 09/26/2008.
11. CONVENTIONAL ROADWAY SIGNAGE (SIGNS, SIGNAL ARMS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PSNC DESIGN PHASE.
12. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (OCTOBER 2016) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2016).





TRAFFIC DIAGRAM



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

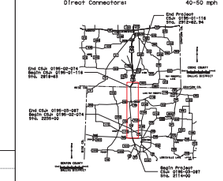
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 30 mph
Cross Streets: 40 mph
Frontage Roads: 40 mph
Direct Connectors: 40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MICHELL — P.E. LICENSE NO.
JASON M. SCOTTER — P.E. LICENSE NO.
NOVEMBER 2018 — DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 1 OF 23

HDR
HDR Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1253
972.992.4400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

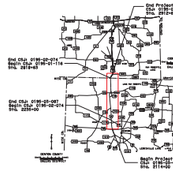
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	30 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

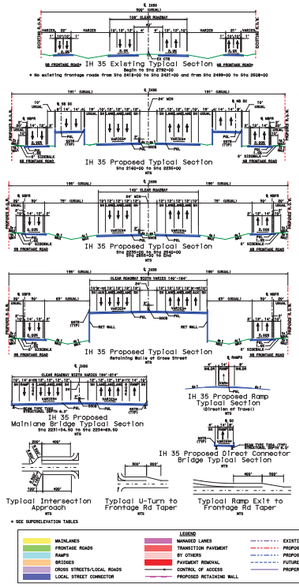
BRIAN MITCHELL — DATE
JASON ALLISON — P.E. NUMBER
REVIEWED BY: — DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 2 OF 23

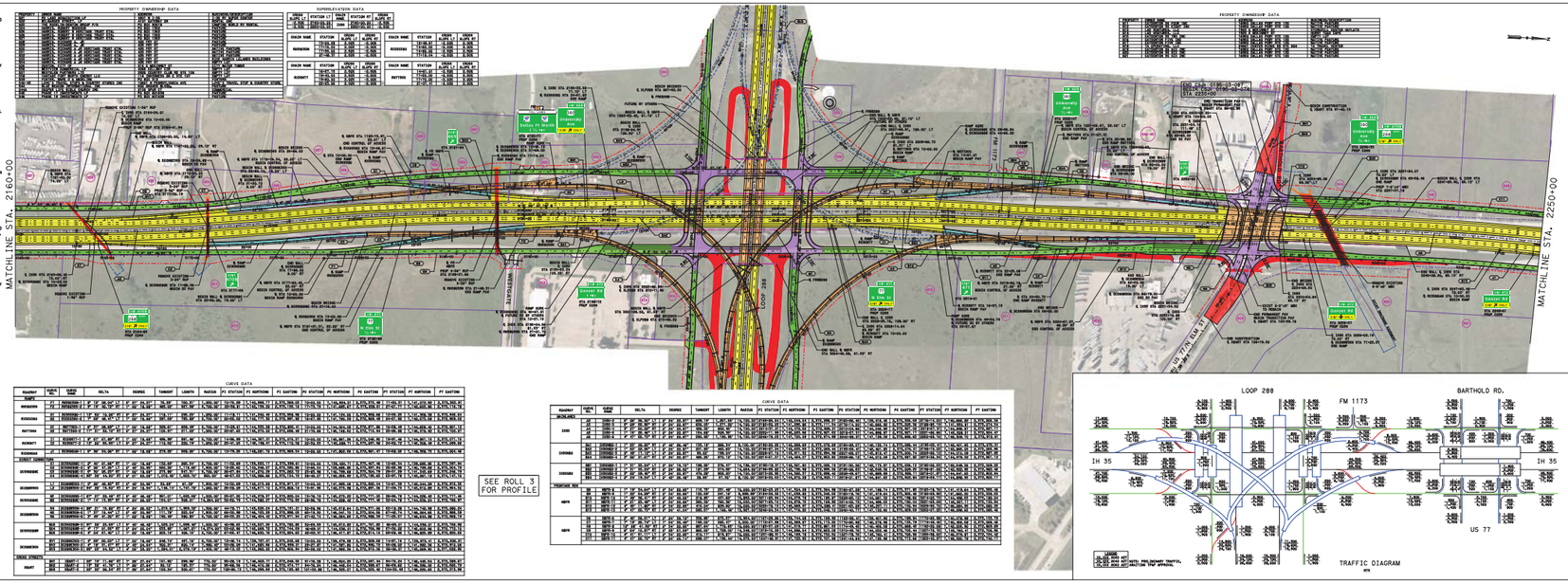
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6450



SEE ROLL 3 FOR XSTREET TYPICAL SECTIONS

General Notes

1. EXISTING FEATURES WERE NOT FIELD VERIFIED. TOPOGRAPHICS ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2014 AND MAY 2016 BY TNP.
2. TRAFFIC VOLUMES BASED ON METCOR MODEL AND WILL BE APPROVED BY TXDOT TPP.
3. ADA RAMPS AND SIDEWALK ARE PRELIMINARY AND SUBJECT TO FEASIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PSNC DESIGN PHASE.
4. ACCESS SIGNAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. ALL BUILDINGS ARE STILL PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSNC DESIGN.
7. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF CONSTRUCTION WILL BE REMOVED UNLESS OTHERWISE NOTED.
8. SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS OTHERWISE NOTED.
10. SIDEWALKS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, OR TO THE FACE OF WALL UNLESS OTHERWISE NOTED.
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0205G, EFFECTIVE 09/26/2008, AND 48121C0215H EFFECTIVE 07/17/2012.
12. CONVENTIONAL ROADWAY SIGNAGE (SIGNS), SIGNAL ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PSNC DESIGN PHASE.
13. ORNAMENTAL INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (DENTON COUNTY) AND COOKE COUNTY APPRAISAL DISTRICT (COOKE COUNTY) DATED 2014.



SEE ROLL 3 FOR PROFILE

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connectors: 30 mph
Cross Streets: 40 mph
Frontage Roads: 30 mph
Direct Connectors: 40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN MITCHELL — DATE
JASON ALLISON — P.E. NUMBER
REVIEWED BY: — DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 2 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6450

Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

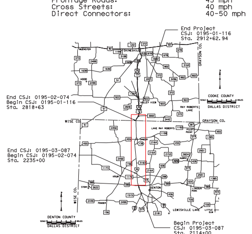
From: US 380
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	20 mph
Frontage Roads:	45 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BRIAN SWINDELL	80688
JASON A. RICHTER	114508

NOVEMBER 2018
DATE

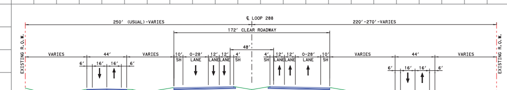
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

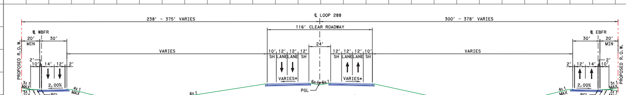
ROLL 3 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

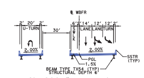
...\Schematic\IH35PRVPLOT03.dgn



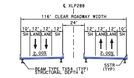
Loop 288 Existing Typical Section
Sta 863+00 to Sta 909+30
NTS



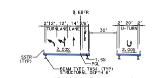
Loop 288 Proposed Typical Section
Begin to Sta 867+52
Sta 873+92 to End
NTS
* SEE SUPERELEVATION TABLES ON ROLL 13



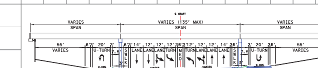
SL 288 Proposed
WB Frontage Road
Bridge Typical Section
Sta 3432+70 to Sta 3435+20
NTS



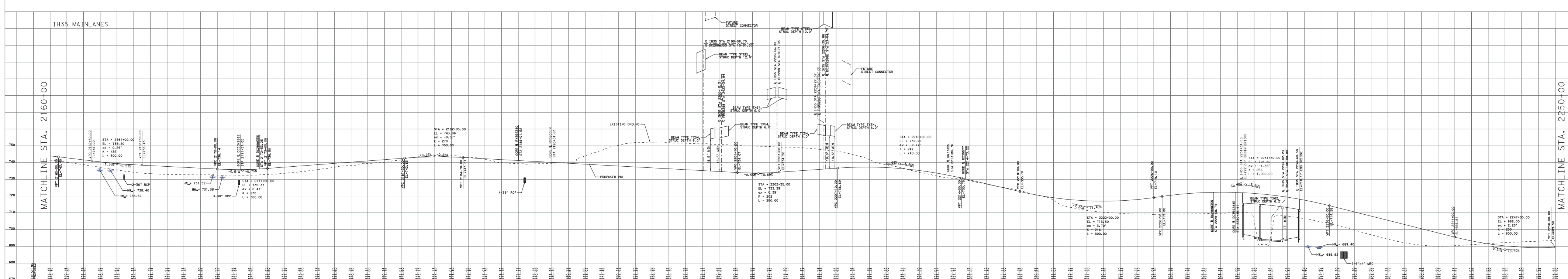
SL 288 Proposed
Mainlane Bridge Typical Section
Sta 867+52 to Sta 873+92
NTS



SL 288 Proposed
EB Frontage Road
Bridge Typical Section
Sta 2422+10 to Sta 2424+60
NTS



US 77/N Elm St/Barthold Rd
Proposed Typical Section
US 77/N Elm St/Barthold Rd at IH 35
NTS



Texas Department of Transportation
© 2018 by Texas Department of Transportation; all rights reserved
Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002
CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116
Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile
Design Speed:
IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 20 mph
Frontage Roads: 45 mph
Cross Streets: 40 mph
Direct Connectors: 40-50 mph
Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SWINDELL 80688
JASON A. RICHTER 114508
NOVEMBER 2018
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 3 OF 23
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400
...\Schematic\IH35PRVPLOT03.dgn

Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

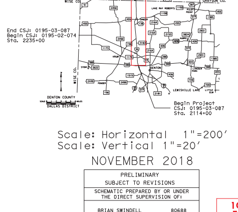
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	20 mph
Frontage Roads:	45 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SWINDELL — 80688 (NAME — P.E. NUMBER)
JASON A. RICHTER — 114508 (NAME — P.E. NUMBER)
NOVEMBER 2018 (DATE)

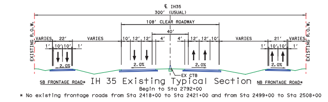
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

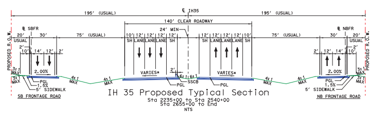
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

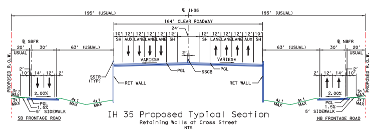
ROLL 4 OF 23

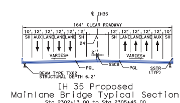
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

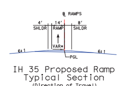
...\Schematic\IH35PRVPLOT04.dgn



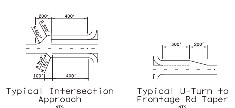








* SEE SUPERELEVATION TABLES



LEGEND

MAINLANES	MANAGED LANES	EXISTING RIGHT-OF-WAY
FRONTAGE ROADS	TRANSITION PAVEMENT	PROPOSED RIGHT-OF-WAY
RAMPS	BY OTHERS	PROPOSED DRAINAGE EASEMENT
BRIDGES	PAVEMENT REMOVAL	FUTURE WORK BY OTHERS
CROSS STREETS/LOCAL ROADS	CONTROL OF ACCESS	PROPERTY LINES
LOCAL STREET CONNECTOR	PROPOSED RETAINING WALL	

General Notes:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2016 AND DECEMBER 2016.
2. TRAFFIC VOLUMES BASED ON NCTCOG MODEL AND WILL BE APPROVED BY TXDOT TP&P.
3. ADA RAMPS AND SIDEWALK ARE DESIGNED PER TEXAS ACCESSIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PS&E DEVELOPMENT.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
6. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PS&E DESIGN.
7. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS OTHERWISE NOTED).
8. SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
10. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0360G, 48121C220G, 48121C0210G, AND 48121C0070G (2011)
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
13. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (NOVEMBER 2016) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2016).

CURVE DATA

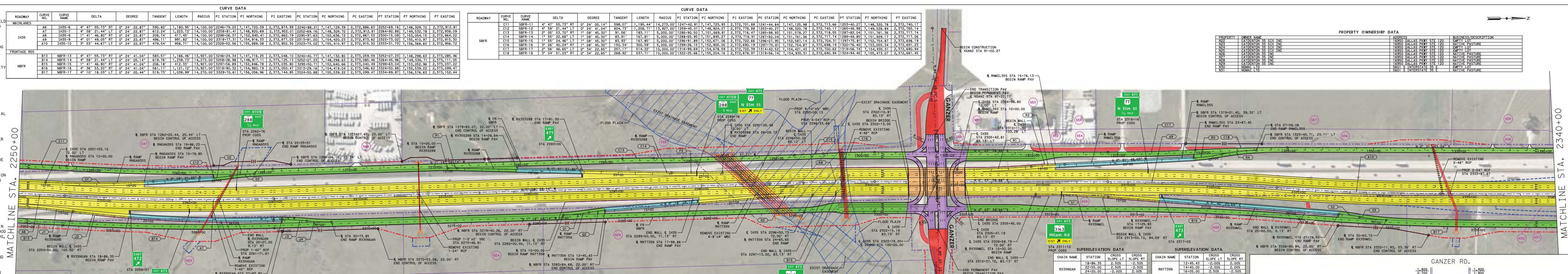
ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI NORTHING	PI EASTING	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
MAINLANES																
IH35	A6	IH35-6	4° 47' 55.73" RT	0° 24' 22.87"	590.82'	1,180.95'	14,100.00'	2246+79.03	7,147,720.09	2,372,874.99	2240+88.21	7,147,129.39	2,372,886.63	2252+69.16	7,148,309.70	2,372,912.81
	A7	IH35-7	4° 58' 21.44" LT	0° 24' 22.87"	612.24'	1,223.72'	14,100.00'	2258+81.41	7,148,920.69	2,372,952.01	2252+69.16	7,148,309.70	2,372,912.81	2264+92.88	7,149,532.78	2,372,938.09
	A8	IH35-8	1° 41' 46.80" RT	0° 24' 22.87"	208.74'	417.45'	14,100.00'	2298+06.37	7,152,845.41	2,372,862.79	2295+97.63	7,152,636.72	2,372,867.53	2300+15.09	7,153,054.15	2,372,864.22
	A9	IH35-9	4° 01' 49.05" RT	0° 24' 22.87"	496.11'	991.82'	14,100.00'	2318+77.31	7,154,916.33	2,372,877.03	2313+81.20	7,154,420.23	2,372,873.62	2323+73.02	7,155,410.97	2,372,915.30
	A10	IH35-10	3° 53' 44.67" LT	0° 24' 22.87"	479.54'	958.71'	14,100.00'	2328+52.56	7,155,889.08	2,372,952.30	2323+73.02	7,155,410.97	2,372,915.30	2333+31.73	7,156,368.60	2,372,956.72
FRONTAGE RDS																
NBFR	B13	NBFR-13	4° 47' 55.73" RT	0° 24' 41.04"	583.57'	1,166.46'	13,927.00'	3246+24.34	7,147,716.25	2,373,048.10	3240+40.77	7,147,132.80	2,373,059.59	3252+07.23	7,148,298.63	2,373,085.46
	B14	NBFR-14	4° 58' 21.44" LT	0° 24' 05.14"	619.76'	1,238.73'	14,273.00'	3258+26.98	7,148,917.11	2,373,125.13	3252+07.23	7,148,298.63	2,373,085.46	3264+45.96	7,149,536.71	2,373,111.05
	B15	NBFR-15	1° 41' 46.80" RT	0° 24' 41.04"	206.18'	412.33'	13,927.00'	3297+56.89	7,152,846.78	2,373,035.80	3295+50.71	7,152,640.66	2,373,040.49	3299+63.04	7,153,052.96	2,373,037.22
	B16	NBFR-16	4° 36' 53.20" RT	0° 24' 41.04"	561.17'	1,121.72'	13,927.00'	3318+90.32	7,154,980.19	2,373,050.47	3313+29.16	7,154,419.04	2,373,046.62	3324+50.88	7,155,539.22	2,373,099.47
	B17	NBFR-17	4° 10' 18.03" RT	0° 24' 05.44"	519.73'	1,038.99'	14,270.00'	3329+70.61	7,156,056.96	2,373,144.85	3324+50.88	7,155,539.22	2,373,099.47	3334+89.87	7,156,576.63	2,373,152.44

CURVE DATA

ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI NORTHING	PI EASTING	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
SBFR	C11	SBFR-11	4° 47' 55.73" RT	0° 24' 05.14"	598.07'	1,195.44'	14,273.00'	1247+42.91	7,147,723.93	2,372,701.88	1241+44.84	7,147,125.98	2,372,713.66	1253+40.27	7,148,320.78	2,372,740.17
	C12	SBFR-12	4° 58' 21.44" LT	0° 24' 41.04"	604.73'	1,208.71'	13,927.00'	1259+45.01	7,148,924.27	2,372,778.88	1253+40.27	7,148,320.78	2,372,740.17	1265+48.98	7,149,528.84	2,372,765.14
	C13	SBFR-13	2° 05' 53.70" RT	1° 08' 45.30"	91.56'	183.11'	5,000.00'	1286+90.50	7,151,669.81	2,372,716.47	1285+98.93	7,151,578.27	2,372,718.55	1287+82.04	7,151,761.36	2,372,717.74
	C14	SBFR-14	1° 55' 22.68" LT	1° 08' 45.30"	83.91'	167.81'	5,000.00'	1288+65.95	7,151,845.27	2,372,718.91	1287+82.04	7,151,761.36	2,372,717.74	1289+49.85	7,151,929.17	2,372,717.26
	C15	SBFR-15	1° 55' 24.46" LT	1° 08' 45.30"	83.93'	167.85'	5,000.00'	1296+91.89	7,152,671.06	2,372,702.66	1296+07.95	7,152,587.14	2,372,704.31	1297+75.81	7,152,754.87	2,372,698.19
	C16	SBFR-16	3° 26' 40.24" RT	1° 08' 45.30"	150.34'	300.59'	5,000.00'	1299+26.15	7,152,905.00	2,372,690.19	1297+75.81	7,152,754.87	2,372,698.19	1300+76.40	7,153,055.34	2,372,691.23
	C17	SBFR-17	2° 56' 46.65" LT	0° 34' 22.65"	257.17'	514.22'	10,000.00'	1316+99.69	7,154,678.59	2,372,702.39	1314+42.52	7,154,421.43	2,372,700.62	1319+56.74	7,154,935.51	2,372,690.94
	C18	SBFR-18	3° 04' 51.03" RT	0° 34' 22.65"	268.92'	537.71'	10,000.00'	1322+25.66	7,155,204.16	2,372,678.97	1319+56.74	7,154,935.51	2,372,690.94	1324+94.45	7,155,473.07	2,372,681.45

PROPERTY OWNERSHIP DATA

PROPERTY	OWNER NAME	ADDRESS	BUSINESS/DESCRIPTION
N22	CATDENTON 35 SIX INC	16950 DALLAS PKWY STE 120	EMPTY LOT
N23	CATDENTON 35 SIX INC	16950 DALLAS PKWY STE 120	NATIVE PASTURE
N24	CATDENTON 35 SIX INC	16950 DALLAS PKWY STE 120	EMPTY LOT
N25	CATDENTON 35 SIX INC	16950 DALLAS PKWY STE 120	EMPTY LOT
N26	CATDENTON 35 INC	16950 DALLAS PKWY STE 120	NATIVE PASTURE
N27	CATDENTON 35 INC	16950 DALLAS PKWY STE 120	NATIVE PASTURE
N28	CATDENTON 35 INC	16950 DALLAS PKWY STE 120	NATIVE PASTURE
N29	CATDENTON 35 INC	16950 DALLAS PKWY STE 120	NATIVE PASTURE
N30	NOMAC LTD	5601 S INTERSTATE 35 E	EMPTY LOT
N31	NOMAC LTD	5601 S INTERSTATE 35 E	NATIVE PASTURE



CURVE DATA

ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI NORTHING	PI EASTING	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
RAMPS																
RX35NGAN	J1	RX35NGAN-1	5° 36' 34.06" RT	1° 00' 18.68"	279.25'	558.05'	5,700.00'	12+79.25	7,148,081.70	2,372,969.34	10+00.00	7,147,802.56	2,372,961.47	15+58.05	7,148,358.73	2,373,004.46
	J2	RX35NGAN-2	8° 31' 38.11" LT	0° 43' 30.95"	588.96'	1,175.75'	7,900.00'	21+47.01	7,148,943.01	2,373,078.53	15+58.05	7,148,358.73	2,373,004.46	27+33.80	7,149,531.82	2,373,065.15
	J3	RX35NGAN-3	7° 54' 49.89" RT	5° 27' 24.27"	72.63'	145.03'	1,050.00'	28+56.43	7,149,654.42	2,373,062.36	27+83.80	7,149,581.81	2,373,064.01	29+28.83	7,149,726.57	2,373,070.72
	J4	RX35NGAN-4	7° 54' 49.89" LT	5° 27' 24.27"	72.63'	145.03'	1,050.00'	30+01.46	7,149,798.71	2,373,079.09	29+28.83	7,149,726.57	2,373,070.72	30+73.85	7,149,871.32	2,373,077.43
RNGAN35S	O1	RNGAN35S-1	6° 21' 16.65" LT	1° 00' 18.68"	316.42'	632.18'	5,700.00'	13+16.42	7,148,513.79	2,372,851.63	10+00.00	7,148,197.86	2,372,833.97	16+32.18	7,148,829.72	2,372,834.21
	O2	RNGAN35S-2	5° 22' 46.55" LT	5° 27' 24.27"	49.33'	98.59'	1,050.00'	20+35.56	7,149,232.49	2,372,812.00	19+86.23	7,149,183.24	2,372,814.72	20+84.82	7,149,281.28	2,372,804.68
	O3	RNGAN35S-3	7° 40' 37.14" RT	5° 27' 24.27"	70.45'	140.69'	1,050.00'	21+55.27	7,149,350.95	2,372,794.22	20+84.82	7,149,281.28	2,372,804.68	22+25.51	7,149,421.39	2,372,793.17
RX35S288	P1	RX35S288-1	3° 00' 00.00" RT	5° 27' 24.27"	27.50'	54.98'	1,050.00'	10+27.50	7,150,581.42	2,372,767.22	10+00.00	7,150,553.93	2,372,767.84	10+54.98	7,150,608.90	2,372,768.03
	P2	RX35S288-2	3° 00' 00.00" LT	1° 00' 18.68"	149.26'	298.45'	5,700.00'	24+60.53	7,152,013.84	2,372,809.67	23+11.27	7,151,864.64	2,372,805.25	26+09.72	7,152,163.06	2,372,806.28

CURVE DATA

ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI NORTHING	PI EASTING	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
RN7735N	Q1	RN7735N-1	8° 11' 46.26" LT	5° 27' 24.27"	75.23'	150.20'	1,050.00'	10+75.23	7,151,305.18	2,373,044.84	10+00.00	7,151,229.97	2,373,046.55	11+50.20	7,151,379.38	2,373,032.42
	Q2	RN7735N-2	5° 11' 46.26" RT	5° 27' 24.27"	47.65'	95.23'	1,050.00'	11+97.85	7,151,426.37	2,373,024.56	11+50.20	7,151,379.38	2,373,032.42	12+45.43	7,151,473.88	2,373,020.99
	Q3	RN7735N-3	3° 12' 56.70" RT	1° 00' 18.68"	160.00'	319.91'	5,700.00'	23+05.73	7,152,531.20	2,372,941.45	21+45.73	7,152,371.65	2,372,953.45	24+65.65	7,152,691.17	2,372,938.41
RNMIL35S	R1	RNMIL35S-1	4° 21' 28.11" LT	1° 00' 18.68"	216.87'	433.53'	5,700.00'	12+16.87	7,153,755.21	2,372,797.04	10+00.00	7,153,538.35	2,372,795.55	14+33.53	7,153,971.56	2,372,782.05
	R2	RNMIL35S-2	1° 26' 00.76" RT	0° 43' 30.95"	98.83'	197.66'	7,900.00'	15+32.37	7,154,070.16	2,372,775.22	14+33.53	7,153,971.56	2,372,782.05	16+31.19	7,154,168.90	2,372,770.86
	R3	RNMIL35S-3	9° 06' 03.57" LT	5° 27' 24.27"	83.57'	166.78'	1,050.00'	24+71.01	7,155,007.90	2,372,733.78	23+87.45	7,154,924.42	2,372,737.47	25+54.23	7,155,089.75	2,372,716.93
	R4	RNMIL35S-4	11° 07' 20.45" RT	5° 27' 24.27"	102.24'	203.83'	1,050.00'	26+56.47	7,155,189.89	2,372,696.32	25+54.23	7,155,089.75	2,372,716.93	27+58.06	7,155,292.12	2,372,695.41
RX35NMIL	S1	RX35NMIL-1	4° 16' 44.97" RT	1° 00' 18.68"	212.95'	425.71'	5,700.00'	12+12.95	7,154,210.28	2,372,944.18	10+00.00	7,153,997.34	2,372,942.71	14+25.71	7,154,422.53	2,372,961.53
	S2	RX35NMIL-2	6° 48' 48.19" RT	5° 27' 24.27"	62.50'	124.86'	1,050.00'	28+42.04	7,155,834.16	2,373,076.92	27+79.54	7,155,771.86	2,373,071.83	29+04.40	7,155,895.41	2,373,089.37
	S3	RX35NMIL-3	8° 31' 46.85" LT	5° 27' 24.27"	78.30'	156.31'	1,050.00'	29+82.70	7,155,972.14	2,373,104.96	29+04.40	7,155,895.41	2,373,089.37	30+60.72	7,156,050.34	2,373,109.00

SUPERELEVATION DATA

CROSS SLOPE LT	STATION LT	CHAIN NAME	STATION RT	CROSS SLOPE RT
-2.50%	2250+00.00	IH35	2250+00.00	-2.50%
-2.50%	2340+00.00	IH35	2340+00.00	-2.50%

SUPERELEVATION DATA

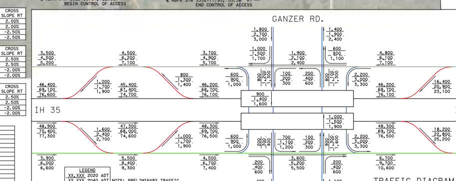
CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RX35NGAN	18+86.35	2.50%	-2.50%
	22+55.00	2.50%	-2.50%
	24+20.00	-2.00%	2.00%
	27+83.80	-2.00%	2.00%
RX35NMIL	17+25.93	2.50%	-2.50%
	21+75.00	2.50%	-2.50%
	23+40.00	-2.00%	2.00%
	27+79.50	-2.00%	2.00%
RX35S288	14+09.84	2.00%	-2.00%
	15+20.00	2.00%	-2.00%
	16+85.00	-2.50%	2.50%
	17+91.30	-2.50%	2.50%

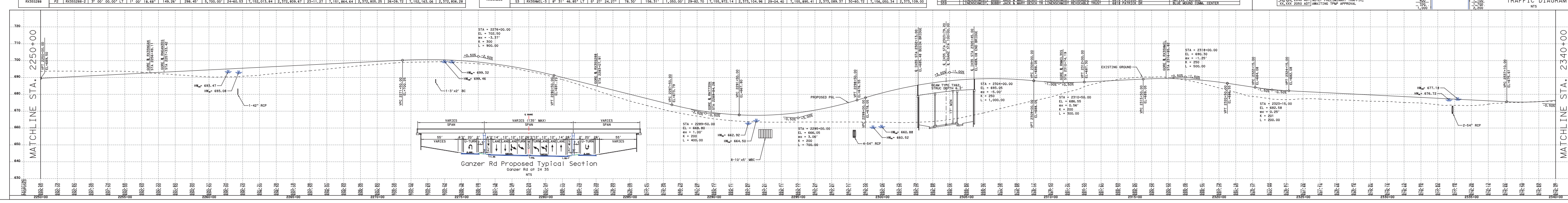
SUPERELEVATION DATA

CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RN7735N	12+45.43	-2.00%	2.00%
	14+40.00	-2.00%	2.00%
	16+05.00	2.50%	-2.50%
	17+98.86	2.50%	-2.50%
RNGAN35S	15+78.85	-2.50%	2.50%
	17+00.00	-2.50%	2.50%
	18+65.00	2.00%	-2.00%
	19+86.23	2.00%	-2.00%
RNMIL35S	15+76.13	-2.50%	2.50%
	19+00.00	-2.50%	2.50%
	20+65.00	2.00%	-2.00%
	23+87.45	2.00%	-2.00%

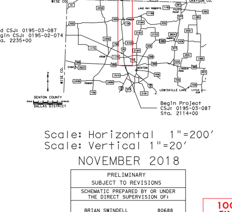
PROPERTY OWNERSHIP DATA

PROPERTY	OWNER NAME	ADDRESS	BUSINESS/DESCRIPTION
S47	NEW FARMS LLC	3311 N INTERSTATE 35 STE 150	PASTURE
S48	LINKEN REAL ESTATE LP	11399 US HIGHWAY 380 W	BEST VALUE RV
S49	CATDENTON 35 SEVEN INC	16950 DALLAS PKWY STE 120	NATIVE PASTURE
S50	SMITH, JAMES D	7833 N INTERSTATE 35	COMMERCIAL
S51	SMITH, JAMES D	7833 N INTERSTATE 35	CATALYST OILFIELD SERVICES
S52	SMITH, JAMES D	7833 N INTERSTATE 35	COMMERCIAL
S53	SMITH, JAMES D	7833 N INTERSTATE 35	SMITH BROTHERS
S54	SMITH, JAMES D	7833 N INTERSTATE 35	NATIVE PASTURE
S55	SKD FAMILY PARTNERS LTD	11584 EAGLE VIEW DR	NATIVE PASTURE
S56	AMERICAN REIT INC	3170 GANZER RD W	COMMERCIAL
S57	AMERICAN REIT INC	3170 GANZER RD W	RESIDENTIAL
S58	LINENSCHMIDT, BOBBY JACK & MARY OESCH TR LINENSCHMIDT REVOCABLE TRUST	6818 PATRICK DR	NATIVE PASTURE
S59	LINENSCHMIDT, BOBBY JACK & MARY OESCH TR LINENSCHMIDT REVOCABLE TRUST	6818 PATRICK DR	BLUE MOUND COMM. CENTER





Texas Department of Transportation
© 2018 by Texas Department of Transportation; all rights reserved
Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002
CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116
Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile
Design Speed:
IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 20 mph
Frontage Roads: 45 mph
Cross Streets: 40 mph
Direct Connectors: 40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SWINDELL 80688
JASON A. RICHTER 114508
NOVEMBER 2018
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 4 OF 23
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400
...\Schematic\IH35PRVPLOT04.dgn

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

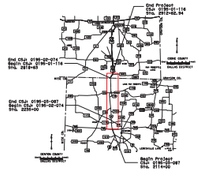
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	30 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

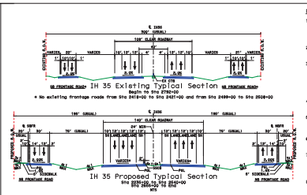
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MCNEILL — DATE
JASON A. ROUNTREE — 11-14-18
P.E. NUMBER — DATE
NOVEMBER 2018
DATE

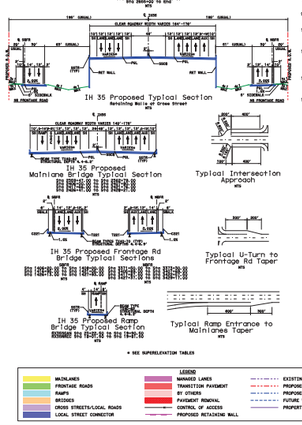
NOT APPROVED FOR CONSTRUCTION, ACQUISITION, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 5 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.450.4400





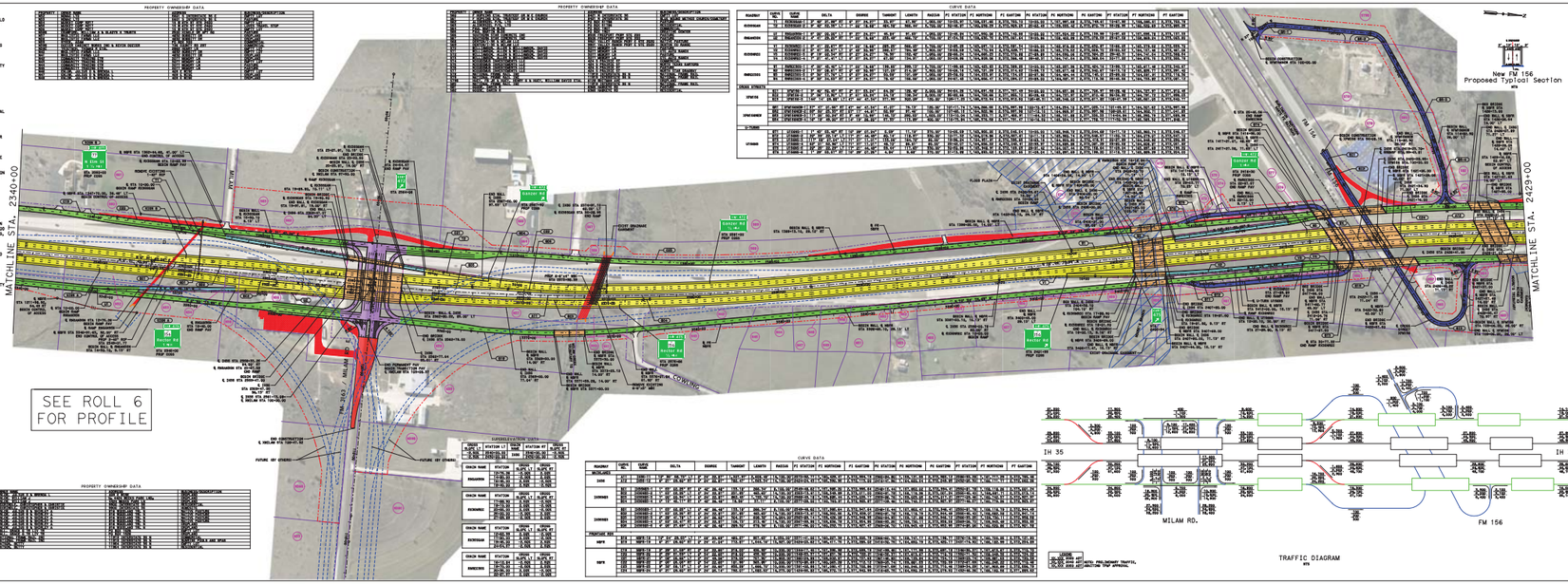
* SEE SUPERELEVATION TABLES

LEGEND

MAINLANES	MANAGED LANES	EXISTING RIGHT-OF-WAY
FRONTAGE ROADS	TRANSITION PAVEMENT	PROPOSED RIGHT-OF-WAY
RAMPS	BY OTHERS	PROPOSED DRAINAGE EASEMENT
BRIDGES	PAVEMENT REMOVAL	FUTURE WORK BY OTHERS
CROSS STREETS/LOCAL ROADS	CONTROL OF ACCESS	PROPERTY LINES
LOCAL STREET CONNECTOR	PROPOSED RETAINING WALL	

General Notes

1. EXISTING FEATURES WERE NOT FIELD VERIFIED. CHARACTERISTICS ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2014 AND MAPPING DATA.
2. TRAFFIC VOLUMES BASED ON METRON MODEL AND WILL BE APPROVED BY TXDOT TPAD.
3. ADA RAMPS AND SIDEWALK ARE PRELIMINARY AND SUBJECT TO ADA/TDLR STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PSNC DESIGN PHASE.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. ROW LINES ARE SHOWN AS PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSNC DESIGN.
7. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF CONSTRUCTION WILL BE REMOVED UNLESS OTHERWISE NOTED.
8. ROADWAY ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS OTHERWISE NOTED.
10. SIDEWALKS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, NOT INCLUDING ANY WALL, GUARDRAIL OR RAIL.
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0260G, EFFECTIVE 09/26/2008, AND 48121C0255H EFFECTIVE 6/19/2012.
12. CONVENTIONAL ROADWAY SIGNAGE (SIGNS, SIGNAL ARM) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PSNC DESIGN PHASE.
13. ORTHOPHOTO INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (DENTON COUNTY) AND COOKE COUNTY APPRAISAL DISTRICT (COOKE COUNTY) (DATA).



TRAFFIC DIAGRAM

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	30 mph
Direct Connectors:	40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MCNEILL — DATE
JASON A. ROUNTREE — 11-14-18
P.E. NUMBER — DATE
NOVEMBER 2018
DATE

NOT APPROVED FOR CONSTRUCTION, ACQUISITION, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 5 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.450.4400

Texas Department of Transportation
© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

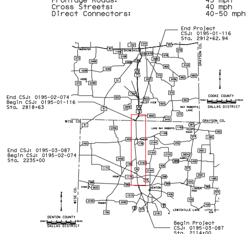
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	20 mph
Frontage Roads:	45 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN SWINDELL — 80688
NAME — P.E. NUMBER
JASON A. RICHTER — 114508
NAME — P.E. NUMBER
NOVEMBER 2018
DATE

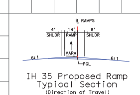
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 6 OF 23

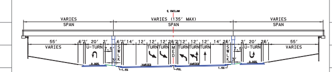
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

...\Schematic\IH35PRVPLOT06.dgn

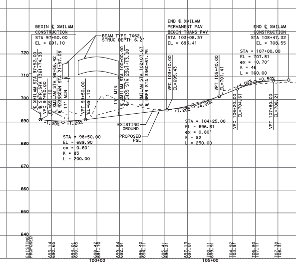


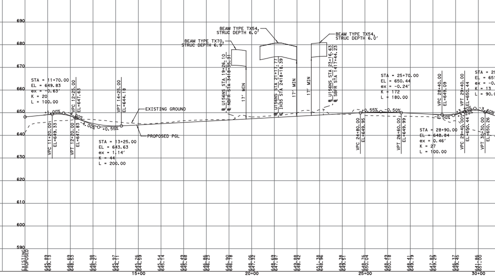
IH 35 Proposed Ramp Typical Section
(Direction of Travel)
NTS

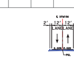
* SEE SUPERELEVATION TABLES ON ROLL 5



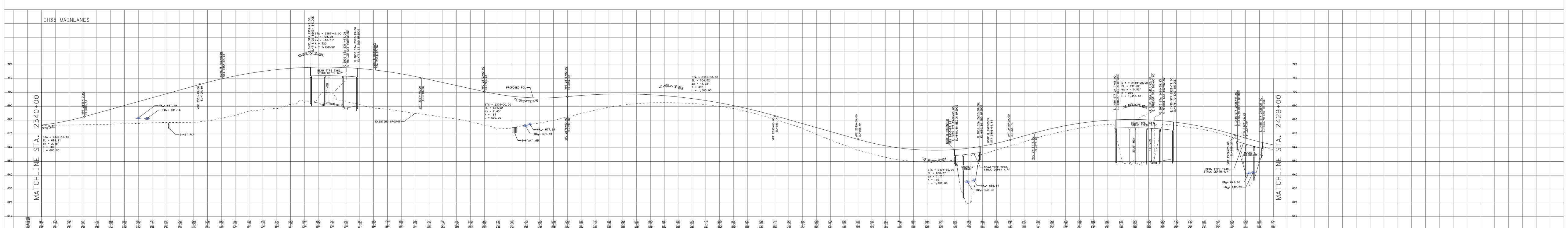
Milam Rd/Outer Loop Proposed Typical Section
MILAM RD/OUTER LOOP at IH 35
NTS



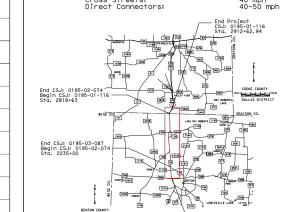




FM 156 Proposed Typical Section
IH 35 at FM 156
NTS



Texas Department of Transportation
© 2018 by Texas Department of Transportation; all rights reserved
Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002
CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116
Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile
Design Speed:
IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 20 mph
Frontage Roads: 45 mph
Cross Streets: 40 mph
Direct Connectors: 40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SWINDELL — 80688
NAME — P.E. NUMBER
JASON A. RICHTER — 114508
NAME — P.E. NUMBER
NOVEMBER 2018
DATE
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 6 OF 23
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400
...\Schematic\IH35PRVPLOT06.dgn

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

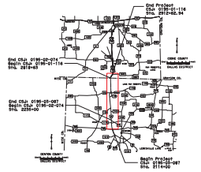
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN MENDELL — P.E.
JASON M. ROSSTON — P.E.

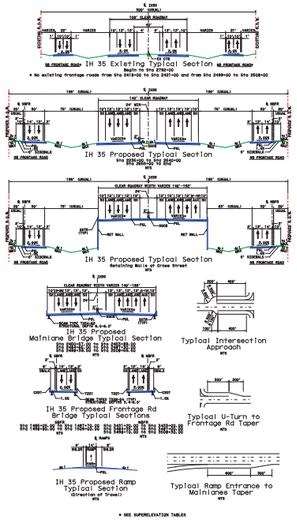
NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 7 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.993.6400

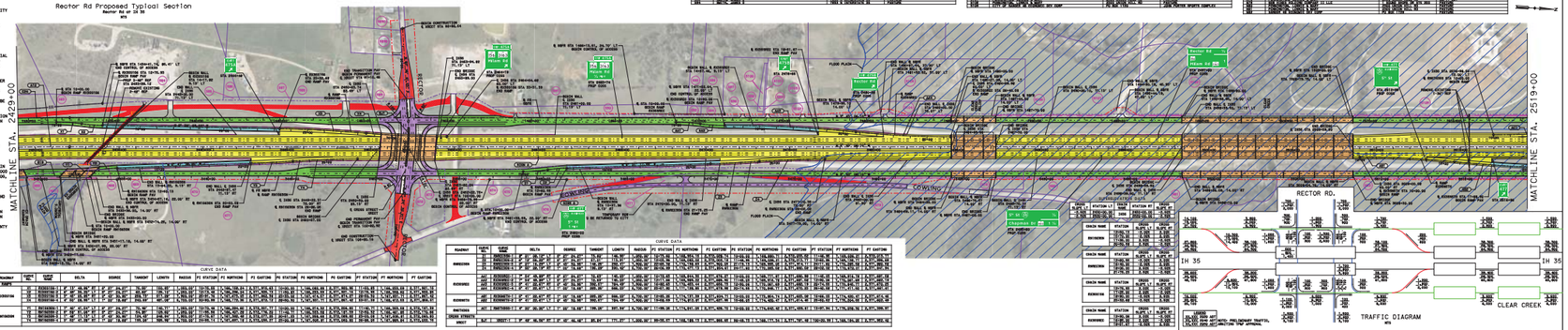


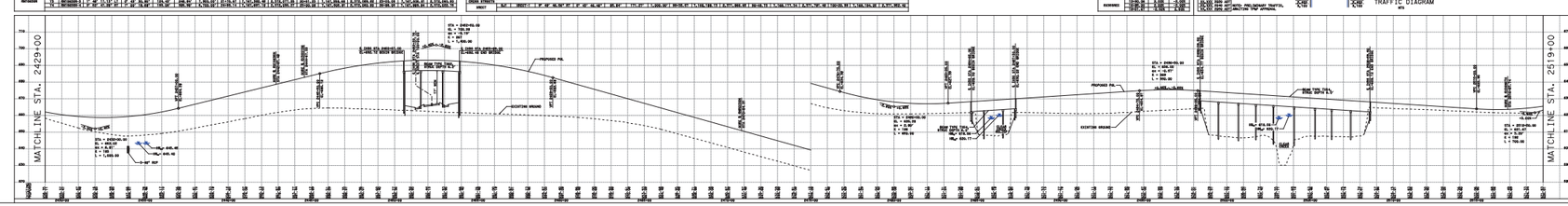
LEGEND

MAINLANES	MANAGED LANES	EXISTING RIGHT-OF-WAY
FRONTAGE ROADS	TRANSITION PAVEMENT	PROPOSED RIGHT-OF-WAY
RAMPS	BY OTHERS	PROPOSED DRAINAGE EASEMENT
BRIDGES	PAVEMENT REMOVAL	FUTURE WORK BY OTHERS
CROSS STREETS/LOCAL ROADS	CONTROL OF ACCESS	PROPERTY LINES
LOCAL STREET CONNECTOR	PROPOSED RETAINING WALL	

General Notes

1. EXISTING FEATURES WERE NOT FIELD VERIFIED. INFORMATION WAS BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2014 AND UPDATED MAY 2018.
2. TRAFFIC VOLUMES BASED ON METRON MODEL AND WILL BE APPROVED BY TXDOT TPAD.
3. ADA RAMPS AND SIDEWALK ARE DESIGNED TO ADA ACCESSIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PSNC DESIGN PHASE.
4. ACCESS RADIAL LINETS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. ACTUAL ROW IMPACTS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSNC DESIGN.
6. EXISTING PAVEMENT ARE DESIGNED LOCATED WITHIN LIMITS OF CONSTRUCTION. PAVEMENT WILL BE REMOVED UNLESS OTHERWISE NOTED.
7. PROFILE ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
8. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS OTHERWISE NOTED.
9. SIDEWALKS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, WITH A MINIMUM OF 4' WALK, UNLESS OTHERWISE NOTED.
10. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0260G, EFFECTIVE SEPTEMBER 26, 2008 AND 48121C0270G (2011).
11. CONVENTIONAL ROADWAY SIGNAGE (SIGNS) SIGNS ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PSNC DESIGN PHASE.
12. UNDERGROUND INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON CADDO APPRAISAL DISTRICT (DENTON COUNTY) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2014).





Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connectors: 30 mph
Cross Streets: 40 mph
Frontage Roads: 40 mph
Direct Connectors: 40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN MENDELL — P.E.
JASON M. ROSSTON — P.E.

NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 7 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.993.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

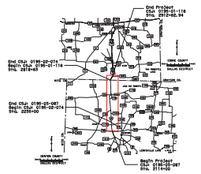
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	30 mph
Cross Streets:	40 mph
Frontage Roads:	30 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018

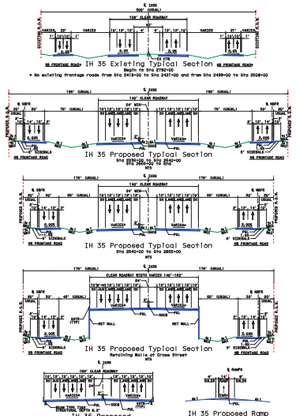
PRELIMINARY SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SEMMELL — NAME — P.E. NUMBER
JASON A. ROUNTREE — 114608 — P.E. NUMBER — NOVEMBER 2018 — DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
ALL WORK SUBJECT TO CHANGE

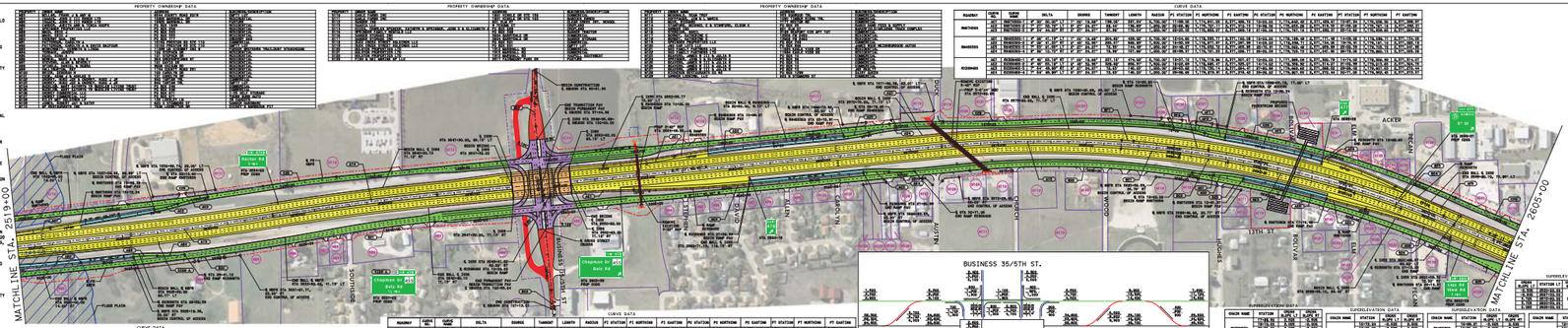
ROLL 8 OF 23

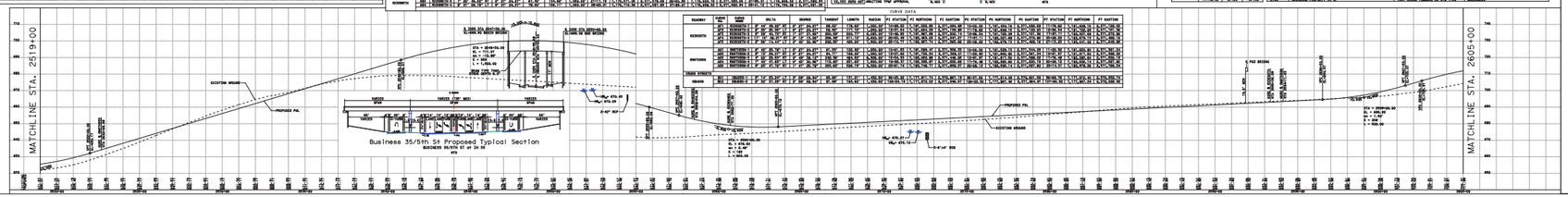
HDR
HDR Inc.
TBPE Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.450.6400



General Notes:

1. EXISTING FEATURES WERE NOT FIELD VERIFIED. CHARACTERISTICS ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2014 AND MAY 2015 BY TNP.
2. TRAFFIC VOLUMES BASED ON METRON MODEL AND WILL BE APPROVED BY TXDOT TPM.
3. ADA RAMPS AND SIDEWALK ARE SHOWN TO ADA ACCESSIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PSNC DESIGN PHASE.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. ALL ROW LIMITS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSNC DESIGN.
7. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF CONSTRUCTION SHOWN WILL BE REMOVED UNLESS OTHERWISE NOTED.
8. SURFACE ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS OTHERWISE NOTED.
10. SIDEWALKS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, WHICHEVER IS WIDER, UNLESS OTHERWISE NOTED.
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0205G, EFFECTIVE SEPTEMBER 26, 2008 AND REVISED SEPTEMBER 26, 2014.
12. CONVENTIONAL ROADWAY SIGNAGE (SIGNS, SIGNALS AND ARTS) SHOWN ARE WILL BE DEVELOPED DURING THE PSNC DESIGN PHASE.
13. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (NOVEMBER 2014) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2014).





Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 30 mph
Cross Streets: 40 mph
Frontage Roads: 30 mph
Direct Connectors: 40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018

PRELIMINARY SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SEMMELL — NAME — P.E. NUMBER
JASON A. ROUNTREE — 114608 — P.E. NUMBER — NOVEMBER 2018 — DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
ALL WORK SUBJECT TO CHANGE

ROLL 8 OF 23

HDR
HDR Inc.
TBPE Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.450.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

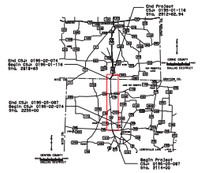
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018

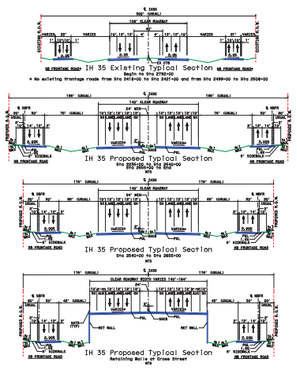
PRELIMINARY
SUBJECT TO REVISIONS
GRANTED BY THE CITY OF DENTON
THE STREET SUPERVISOR (SP)
BRIAN CROSSELL 11/16/18
JASON ALLISTON 11/16/18
NOVEMBER 2018

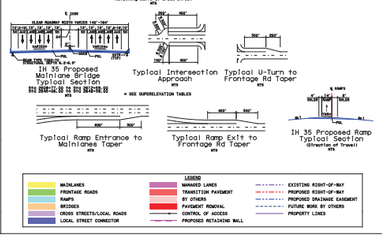
NOT APPROVED FOR CONSTRUCTION, RECORDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 9 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.450.6400



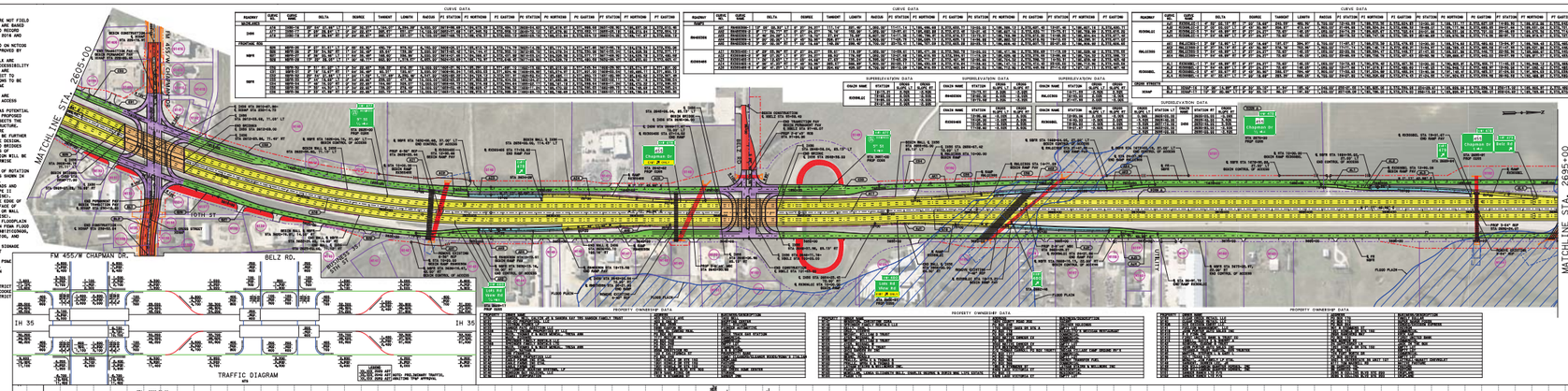


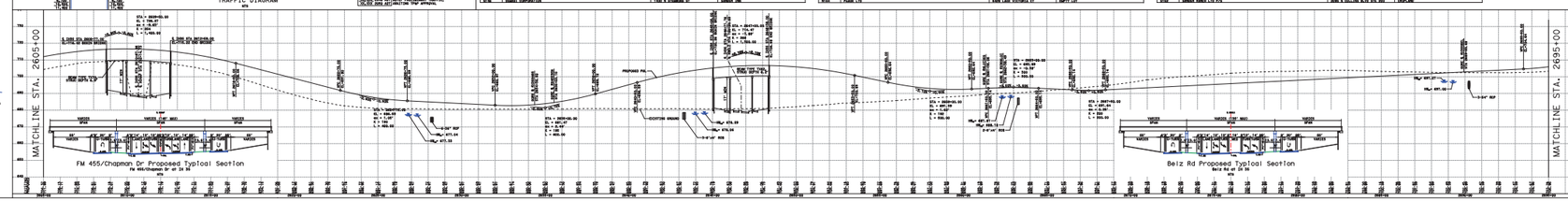
LEGEND

MAINLANES	MANAGED LANES	EXISTING RIGHT-OF-WAY
FRONTAGE ROADS	TRANSITION PAVEMENT BY OTHERS	PROPOSED RIGHT-OF-WAY
RAMPS	PAVEMENT REMOVAL	PROPOSED DRAINAGE EASEMENT
BRIDGES	CONTROL OF ACCESS	FUTURE WORK BY OTHERS
CROSS STREETS/LOCAL ROADS	PROPOSED RETAINING WALL	PROPERTY LINES
LOCAL STREET CONNECTOR		

General Notes

1. EXISTING FEATURES WERE NOT FIELD VERIFIED. CHARACTERISTICS ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2014 AND OCTOBER 2016.
2. TRAFFIC VOLUMES BASED ON METRON MODEL AND WILL BE APPROVED BY TXDOT TPP.
3. ADA RAMPS AND SIDEWALK ARE PROPOSED TO MEET ACCESSIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PSNE DESIGN PHASE.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. ROW LIMITS ARE STILL PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSNE DESIGN.
6. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF CONSTRUCTION WILL BE REMOVED UNLESS OTHERWISE NOTED.
7. PROFILE ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
8. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS OTHERWISE NOTED.
9. SIDEWALKS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, WITH NO BUFFERS, UNLESS OTHERWISE NOTED.
10. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0260G, EFFECTIVE SEPTEMBER 26, 2008, AND REVISED 2016.
11. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE PROVIDED DURING THE PSNE PHASE OF THE PROJECT.
12. OWNERSHIP INFORMATION WAS OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (NOVEMBER 2016) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2016).





Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connectors: 30 mph
Cross Streets: 40 mph
Direct Connectors: 40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
GRANTED BY THE CITY OF DENTON
THE STREET SUPERVISOR (SP)
BRIAN CROSSELL 11/16/18
JASON ALLISTON 11/16/18
NOVEMBER 2018

NOT APPROVED FOR CONSTRUCTION, RECORDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 9 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.450.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

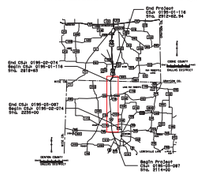
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	55 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	30 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

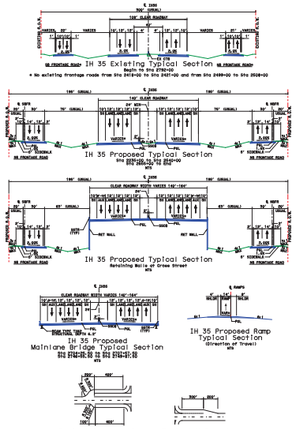
NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
HORIZONTALLY PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MCDONALD — P.E. NUMBER
JASON ALL BOUNTER — 124608
NOVEMBER 2018
DATE
NOT APPROVED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 10 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

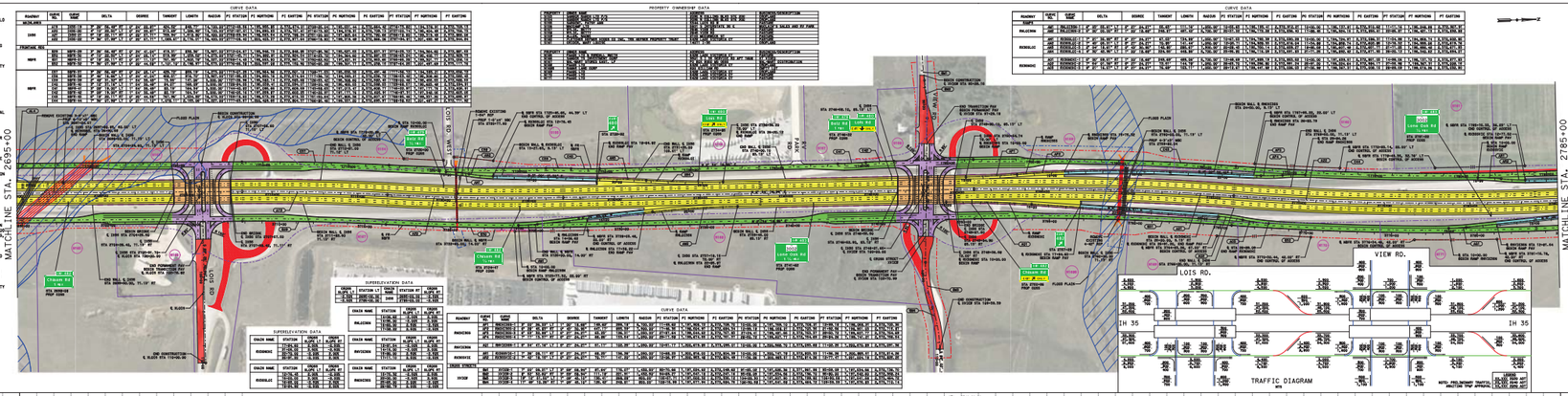


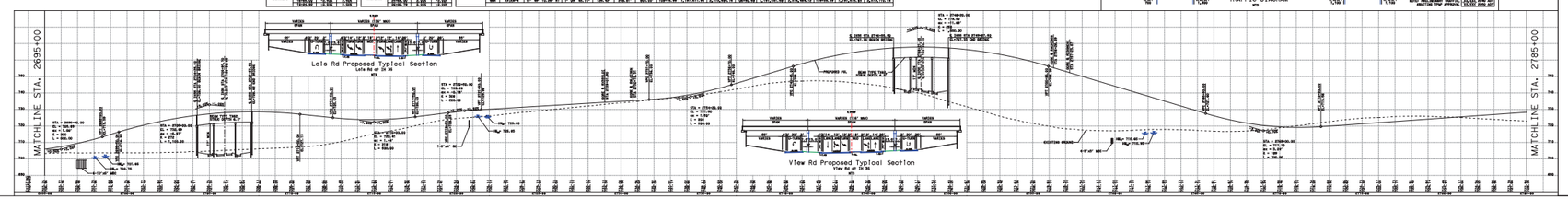
General Notes:

1. EXISTING FEATURES WERE NOT FIELD VERIFIED. INFORMATION WAS BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2014 AND MODIFIED SINCE.
2. TRAFFIC VOLUMES BASED ON METRO MODEL AND WILL BE APPROVED BY TXDOT TPAD.
3. ADA RAMPS AND SIDEWALK ARE NOT SHOWN. ADA ACCESSIBILITY STANDARDS, LOCATIONS ARE PRELIMINARY AND SUBJECT TO BE DETERMINED DURING PSNC DESIGN PHASE.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE. ROW LINES ARE SHOWN AS PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PSNC DESIGN.
7. EXISTING PAVEMENT ARE DEPICTED LOCATED WITHIN LIMITS OF CONSTRUCTION AND WILL BE REMOVED UNLESS OTHERWISE NOTED.
8. ROW ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS OTHERWISE NOTED.
10. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, UNLESS OTHERWISE NOTED.
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0205G, EFFECTIVE SEPTEMBER 26, 2008.
12. CONVENTIONAL ROADWAY SIGNAGE (SIGNS), SIGNAL ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PSNC DESIGN PHASE.
13. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (NOVEMBER 2014) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2014).

LEGEND

MAINLANES	MANAGED LANES	EXISTING RIGHT-OF-WAY
FRONTAGE ROADS	TRANSITION PAVEMENT	PROPOSED RIGHT-OF-WAY
RAMPS	BY OTHERS	PROPOSED DRAINAGE EASEMENT
BRIDGES	PAVEMENT REMOVAL	FUTURE WORK BY OTHERS
CROSS STREETS/LOCAL ROADS	CONTROL OF ACCESS	PROPERTY LINES
LOCAL STREET CONNECTOR	PROPOSED RETAINING WALL	





Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 55 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connectors: 30 mph
Cross Streets: 40 mph
Frontage Roads: 30 mph
Direct Connectors: 40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
HORIZONTALLY PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MCDONALD — P.E. NUMBER
JASON ALL BOUNTER — 124608
NOVEMBER 2018
DATE
NOT APPROVED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 10 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

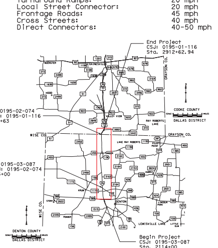
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	20 mph
Frontage Roads:	45 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BRIAN SWINDELL	80688
JASON A. RICHTER	114508

NOVEMBER 2018
DATE

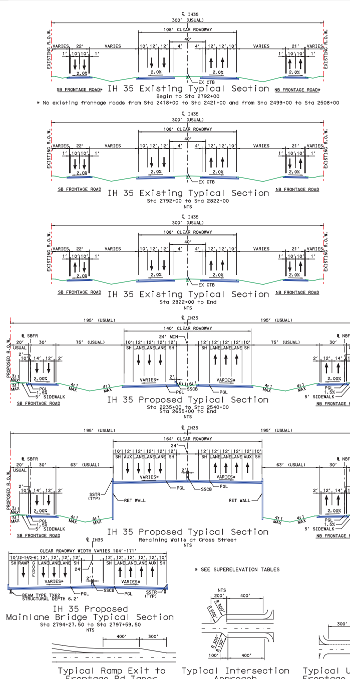
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 11 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

...\Schematic\IH35PRVPLOT11.dgn

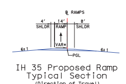


LEGEND

MAINLANES	MANAGED LANES
FRONTAGE ROADS	TRANSITION PAVEMENT
RAMPS	BY OTHERS
BRIDGES	PAVEMENT REMOVAL
CROSS STREETS/LOCAL ROADS	CONTROL OF ACCESS
LOCAL STREET CONNECTOR	PROPOSED RETAINING WALL
EXISTING RIGHT-OF-WAY	PROPOSED RIGHT-OF-WAY
PROPOSED DRAINAGE EASEMENT	FUTURE WORK BY OTHERS
PROPERTY LINES	

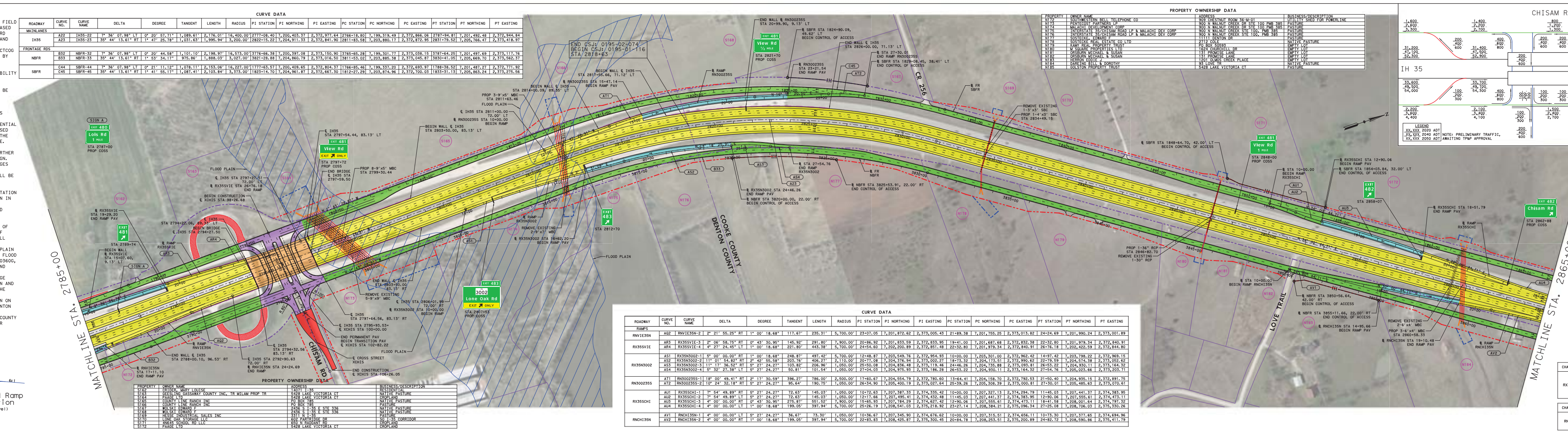
General Notes:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED, SCHEMATICS ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2016 AND DECEMBER 2016.
2. TRAFFIC VOLUMES BASED ON NCTCOG MODEL AND WILL BE APPROVED BY TXDOT TP&P.
3. ADA RAMPS AND SIDEWALK ARE DESIGNED PER TEXAS ACCESSIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PS&E DEVELOPMENT.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
6. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PS&E DESIGN.
7. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS OTHERWISE NOTED).
8. SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
10. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0360G, 48121C220G, 48121C0210G, AND 48121C0070G (2011)
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
13. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (NOVEMBER 2016) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2016).



CURVE DATA

ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI NORTHING	PI EASTING	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
MAINLANES																
IH35	A22	IH35-22	7° 36' 07.98" LT	0° 20' 57.71"	1,089.61'	2,176.01'	16,400.00'	2777+08.40	7,200,403.37	2,372,977.64	2766+18.80	7,199,319.49	2,372,866.06	2787+94.81	7,201,492.48	2,372,944.84
	A23	IH35-23	35° 44' 13.61" RT	1° 47' 25.78"	1,031.63'	1,995.94'	3,200.00'	2822+15.22	7,204,911.33	2,372,841.90	2811+83.58	7,203,880.17	2,372,872.95	2831+79.52	7,205,766.47	2,373,418.97
FRONTAGE RDS																
NBFR	B32	NBFR-32	7° 36' 07.98" LT	0° 20' 44.58"	1,101.10'	2,198.97'	16,573.00'	3776+66.38	7,200,397.08	2,373,150.90	3765+65.28	7,199,301.77	2,373,038.15	3787+64.25	7,201,497.69	2,373,117.76
	B33	NBFR-33	35° 44' 13.61" RT	1° 53' 34.17"	975.86'	1,888.03'	3,027.00'	3821+28.88	7,204,860.79	2,373,016.50	3811+53.02	7,203,885.38	2,373,045.87	3830+41.05	7,205,669.70	2,373,562.37
SBFR	C44	SBFR-44	7° 36' 07.98" LT	0° 21' 11.12"	1,078.11'	2,153.06'	16,227.00'	1777+63.57	7,200,409.65	2,372,804.37	1766+85.46	7,199,337.20	2,372,693.97	1788+38.52	7,201,487.27	2,372,771.92
	C45	SBFR-45	35° 44' 13.61" RT	1° 41' 55.17"	1,087.41'	2,103.84'	3,373.00'	1823+14.70	7,204,961.87	2,372,667.30	1812+27.29	7,203,874.96	2,372,700.03	1833+31.13	7,205,863.24	2,373,275.56



PROPERTY OWNERSHIP DATA

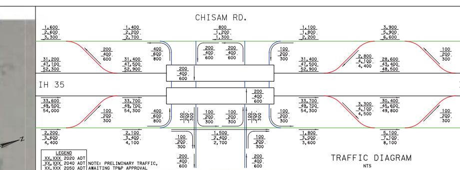
PROPERTY	OWNER NAME	ADDRESS	BUSINESS/DESCRIPTION
S162	CRIDER, MARY LOUISE	14071 I-35	RESIDENTIAL
S163	GEESLING GASSAWAY COUNTY INC, TR MILAM PROP TR	5428 LAKE VICTORIA CT	NATIVE PASTURE
S164	PAAGE LTD	5428 LAKE VICTORIA CT	CROPLAND
S165	COUNTY LINE RANCH INC	PO BOX 785	NATIVE PASTURE
S166	COUNTY LINE RANCH INC	PO BOX 785	PASTURE
S167	WOLSKI EDWARD F	2436 S I-35 E STE 336	NATIVE PASTURE
S168	WOLSKI EDWARD F	2436 S I-35 E STE 336	NATIVE PASTURE
S169	HESSE INDUSTRIAL SALES INC	3311 N I-35	PASTURE
S170	LONE OAK STORAGE LLC	602 PARTRIDGE DR	SQ I-35 CORRIDOR
S171	4N645 SCHOOL RD LLC	650 N RADDANT RD	CROPLAND
S172	PAAGE LTD	5428 LAKE VICTORIA CT	CROPLAND

PROPERTY OWNERSHIP DATA

PROPERTY	OWNER NAME	ADDRESS	BUSINESS/DESCRIPTION
N172	SOUTHWESTERN BELL TELEPHONE CO	909 CHESTNUT ROOM 36-M-01	UTILITY SHED FOR POWERLINE
N173	PENTECOST PARTNERS LP	900 N WALNUT CREEK DR STE 100 PMB 385	PASTURE
N174	MALACHI DEVELOPMENT CORP	900 N WALNUT CREEK DR STE 100 PMB 385	PASTURE
N175	INTERSTATE 35/CHISAM ROAD LP & MALACHI DEV CORP	900 N WALNUT CREEK STE 100, PMB 385	PASTURE
N176	INTERSTATE 35/CHISAM ROAD LP & MALACHI DEV CORP	900 N WALNUT CREEK STE 100, PMB 385	PASTURE
N177	SOSTECKE, EDWARD F	11111 DENTON DR	PASTURE
N178	SOSTECKE REAL ESTATE CO LTD	2712 COLE	NATIVE PASTURE
N179	KAMY REAL PROPERTY TRUST	PO BOX 50593	EMPTY LOT
N180	M SQUARE PROPERTIES LTD	1624 CHURCHILL DR	EMPTY LOT
N181	ORSBURN MICHAEL & SUSAN	131 PROMISE LANE	EMPTY LOT
N182	ORSBURN MICHAEL & SUSAN	131 PROMISE LANE	EMPTY LOT
N183	HERRON EDDIE J	1201 OLMOS CREEK PLACE	EMPTY LOT
N184	DAREING BILL & DOROTHY	93 LOVE TR	NATIVE PASTURE
N185	GOLSTON PROPERTY TRUST	5428 LAKE VICTORIA CT	PASTURE

CURVE DATA

ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI NORTHING	PI EASTING	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
RAMPS																
RNVIE35N	AQ2	RNVIE35N-2	2° 21' 55.25" RT	1° 00' 18.68"	117.67'	235.31'	5,700.00'	23+07.05	7,201,872.62	2,373,005.43	21+89.38	7,201,755.25	2,373,013.82	24+24.69	7,201,990.24	2,373,001.89
RX35SVIE	AR3	RX35SVIE-3	2° 06' 58.75" RT	0° 43' 30.95"	145.92'	291.80'	7,900.00'	20+86.92	7,201,833.59	2,372,833.95	19+41.00	7,201,687.68	2,372,832.38	22+32.80	7,201,979.34	2,372,840.91
	AR4	RX35SVIE-4	4° 27' 24.45" LT	1° 00' 18.68"	221.80'	443.38'	5,700.00'	24+54.60	7,202,200.89	2,372,851.48	22+32.80	7,201,979.34	2,372,840.91	26+76.18	7,202,422.59	2,372,844.80
RX35N3002	AS1	RX35N3002-1	5° 00' 00.00" RT	1° 00' 18.68"	248.87'	497.42'	5,700.00'	12+48.87	7,203,549.76	2,372,954.93	10+00.00	7,203,301.00	2,372,962.42	14+97.42	7,203,798.22	2,372,969.15
	AS2	RX35N3002-2	11° 01' 54.82" RT	2° 42' 55.58"	203.76'	406.27'	2,110.00'	20+77.08	7,204,376.94	2,373,002.27	18+73.32	7,204,173.51	2,372,990.62	22+79.59	7,204,574.38	2,373,052.62
	AS3	RX35N3002-3	11° 17' 36.52" RT	5° 27' 24.27"	103.82'	206.96'	1,050.00'	25+50.08	7,204,836.48	2,373,119.46	24+46.26	7,204,735.88	2,373,093.81	26+53.22	7,204,930.11	2,373,164.32
	AS4	RX35N3002-4	5° 32' 27.38" LT	5° 27' 24.27"	50.81'	101.54'	1,050.00'	27+04.03	7,204,975.93	2,373,186.28	26+53.22	7,204,930.11	2,373,164.32	27+54.76	7,205,023.66	2,373,203.71
RN300235S	AT1	RN300235S-1	18° 00' 49.41" RT	2° 17' 30.59"	396.27'	786.00'	2,500.00'	17+60.67	7,204,554.79	2,372,780.60	13+64.41	7,204,158.70	2,372,792.53	21+50.40	7,204,935.15	2,372,891.75
	AT2	RN300235S-2	10° 24' 32.18" RT	5° 27' 24.27"	95.64'	190.75'	1,050.00'	26+34.90	7,205,400.19	2,373,027.64	25+39.26	7,205,308.39	2,373,000.81	27+30.01	7,205,485.63	2,373,070.61
RX35SCHI	AU1	RX35SCHI-1	7° 54' 49.89" RT	5° 27' 24.27"	72.63'	145.03'	1,050.00'	10+72.63	7,207,387.33	2,374,335.42	10+00.00	7,207,327.13	2,374,294.79	11+45.03	7,207,441.37	2,374,383.95
	AU2	RX35SCHI-2	7° 54' 49.89" LT	5° 27' 24.27"	72.63'	145.03'	1,050.00'	12+17.66	7,207,495.41	2,374,432.48	11+45.03	7,207,441.37	2,374,383.95	12+90.06	7,207,555.61	2,374,473.11
	AU3	RX35SCHI-3	4° 00' 00.00" RT	0° 43' 30.95"	275.87'	551.52'	7,900.00'	15+65.93	7,207,784.29	2,374,627.42	12+90.06	7,207,555.61	2,374,473.11	18+41.58	7,208,001.64	2,374,797.32
	AU4	RX35SCHI-4	4° 00' 00.00" LT	1° 00' 18.68"	199.05'	397.94'	5,700.00'	25+26.19	7,208,541.03	2,375,218.92	23+27.14	7,208,384.21	2,375,096.34	27+25.08	7,208,706.03	2,375,330.26
RNCHI35N	AV1	RNCHI35N-1	4° 00' 00.00" LT	5° 27' 24.27"	36.67'	73.30'	1,050.00'	10+36.67	7,207,345.90	2,374,676.62	10+00.00	7,207,315.51	2,374,656.11	10+73.30	7,207,377.65	2,374,694.96
	AV2	RNCHI35N-2	4° 00' 00.00" RT	1° 00' 18.68"	199.05'	397.94'	5,700.00'	22+83.83	7,208,425.87	2,375,300.45	20+84.78	7,208,253.51	2,375,200.89	24+82.72	7,208,590.86	2,375,411.79



SUPERELEVATION DATA

CROSS SLOPE LT	STATION LT	CHAIN NAME	STATION RT	CROSS SLOPE RT
-2.50%	2785+00.00	IH35	2785+00.00	-2.50%
-2.50%	2805+00.00		2809+75.00	-2.50%
5.10%	2811+90.00		2812+15.00	-5.10%
5.10%	2830+80.00		2831+45.00	-5.10%
-2.50%	2837+65.00		2833+80.00	-2.50%
-2.50%	2865+00.00		2865+00.00	-2.50%

CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RX35SVIE	12+77.52	2.00%	-2.00%
	15+20.00	2.00%	-2.00%
	16+85.00	-2.50%	2.50%
	19+29.20	-2.50%	2.50%

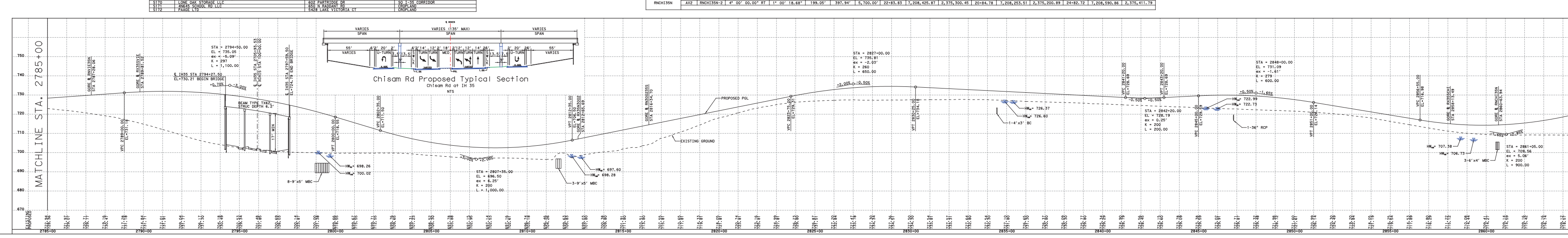
CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RN300235S	15+47.14	5.10%	-5.10%
	15+85.00	3.80%	-3.80%
	21+35.00	3.80%	-3.80%
	21+90.00	2.00%	-2.00%
	23+21.54	2.00%	-2.00%

CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RX35SCHI	12+90.06	2.00%	-2.00%
	16+85.00	2.00%	-2.00%
	18+51.79	-2.50%	2.50%

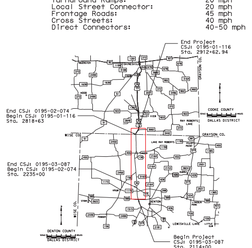
SUPERELEVATION DATA

CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RX35N3002	16+62.20	5.10%	-5.10%
	17+50.00	5.10%	-5.10%
	18+00.00	4.20%	-4.20%
	22+55.00	4.20%	-4.20%
	24+30.00	-2.00%	2.00%
	24+46.26	-2.00%	2.00%

CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RNCHI35N	14+95.66	-2.00%	2.00%
	16+25.00	-2.00%	2.00%
	17+90.00	2.50%	-2.50%
	19+10.48	2.50%	-2.50%



Texas Department of Transportation
© 2018 by Texas Department of Transportation; all rights reserved
Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002
CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116
Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile
Design Speed:
IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 20 mph
Frontage Roads: 45 mph
Cross Streets: 40 mph
Direct Connectors: 40-50 mph
Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SWINDELL 80688
JASON A. RICHTER 114508
NOVEMBER 2018
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 11 OF 23
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400
...\Schematic\IH35PRVPLOT11.dgn



Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

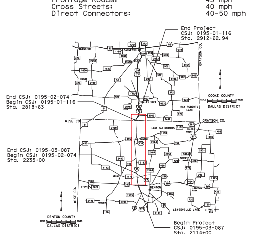
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	20 mph
Frontage Roads:	45 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BRIAN SWINDELL	80688
JASON A. RICHTER	114508

NOVEMBER 2018
DATE

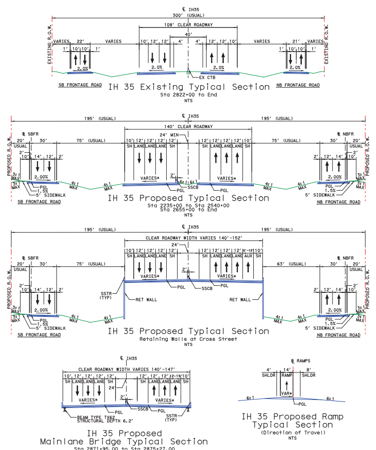
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 12 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

...\Schematic\IH35PRVPLOT12.dgn



IH 35 Existing Typical Section
Sta 2822+00 to End
NTS

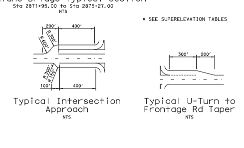
IH 35 Proposed Typical Section
Sta 2235+00 to Sta 2540+00
Sta 2655+00 to End
NTS

IH 35 Proposed Typical Section
Retaining Walls at Cross Street
NTS

IH 35 Proposed Mainlane Bridge Typical Section
Sta 2871+95.00 to Sta 2875+27.00
NTS

IH 35 Proposed Ramp Typical Section
(Direction of Travel)
NTS

* SEE SUPERELEVATION TABLES



Typical Intersection Approach
NTS

Typical U-Turn to Frontage Rd Taper
NTS

Typical Ramp Entrance to Mainlanes Taper
NTS

LEGEND

- MAINLANES
- FRONTAGE ROADS
- RAMPS
- BRIDGES
- CROSS STREETS/LOCAL ROADS
- LOCAL STREET CONNECTOR
- MANAGED LANES
- TRANSITION PAVEMENT
- BY OTHERS
- PAVEMENT REMOVAL
- CONTROL OF ACCESS
- PROPOSED RETAINING WALL
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- PROPOSED DRAINAGE EASEMENT
- FUTURE WORK BY OTHERS
- PROPERTY LINES

General Notes:

1. EXISTING FEATURES WERE NOT FIELD SURVEYED, SCHEMATICS ARE BASED ON AERIAL SURVEYS AND RECORD PLANS PROVIDED MARCH 2016 AND DECEMBER 2016.
2. TRAFFIC VOLUMES BASED ON NCTCOG MODEL AND WILL BE APPROVED BY TXDOT TP&P.
3. ADA RAMPS AND SIDEWALK ARE DESIGNED PER TEXAS ACCESSIBILITY STANDARDS. LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PS&E DEVELOPMENT.
4. ACCESS DENIAL LIMITS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
6. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING PS&E DESIGN.
7. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED (UNLESS OTHERWISE NOTED).
8. SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II (UNLESS NOTED OTHERWISE).
10. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR NOMINAL FACE OF CURB, RAIL, BARRIER, OR WALL (UNLESS NOTED OTHERWISE).
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS 48121C0360G, 48121C220G, 48121C0210G, AND 48121C0070G (2011)
12. CONVENTIONAL ROADWAY SIGNAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE PS&E PHASE OF THE PROJECT.
13. OWNERSHIP INFORMATION SHOWN ON SCHEMATIC OBTAINED FROM DENTON COUNTY APPRAISAL DISTRICT (NOVEMBER 2016) AND COOKE COUNTY APPRAISAL DISTRICT (OCTOBER 2016).

SUPERELEVATION DATA

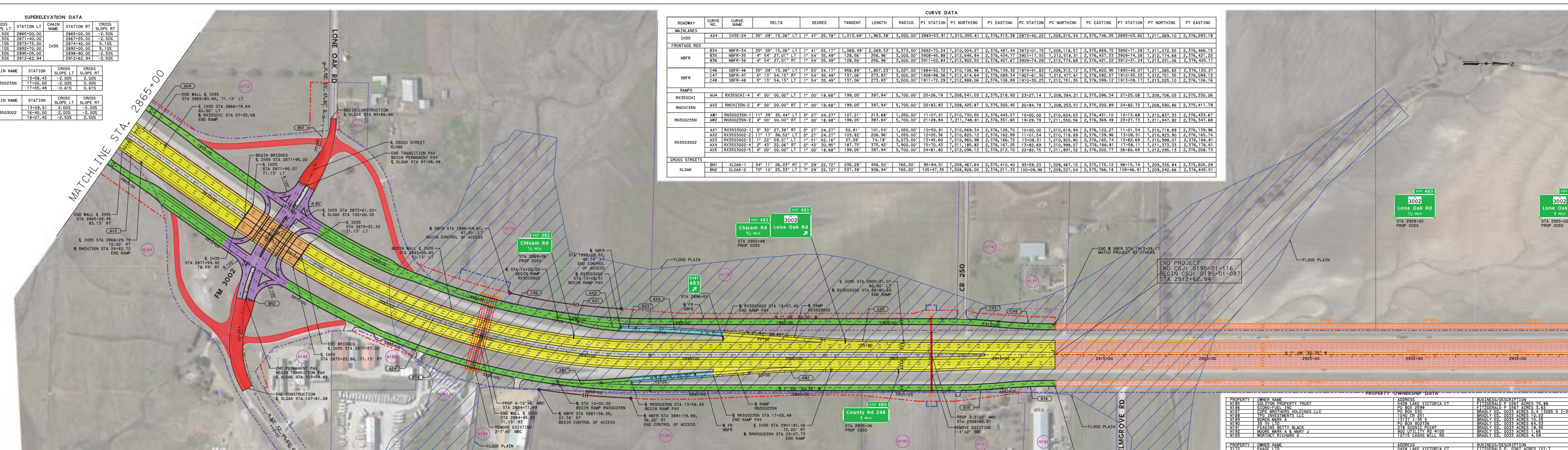
CROSS SLOPE LT	STATION LT	CHAIN NAME	STATION RT	CROSS SLOPE RT
-2.50%	2865+00.00	IH35	2865+00.00	-2.50%
-2.50%	2871+40.00		2867+55.00	-2.50%
-5.10%	2873+75.00		2874+40.00	5.10%
-5.10%	2892+70.00		2892+05.00	5.10%
-2.50%	2895+05.00		2898+90.00	-2.50%
-2.50%	2912+62.94		2912+62.94	-2.50%

CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RN300235N	13+58.43	-2.00%	2.00%
	17+00.00	-2.00%	2.00%
	17+55.49	-0.61%	0.61%

CHAIN NAME	STATION	CROSS SLOPE LT	CROSS SLOPE RT
RX35S3002	13+08.51	2.00%	-2.00%
	16+40.00	2.00%	-2.00%
	18+07.40	-2.50%	2.50%

CURVE DATA

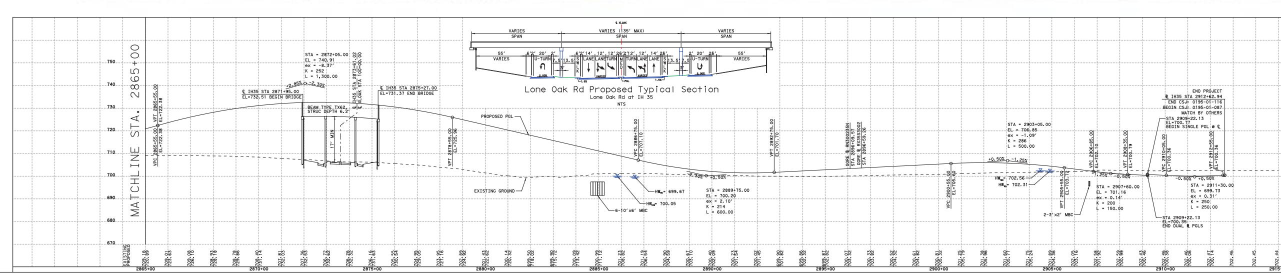
ROADWAY	CURVE NO.	CURVE NAME	DELTA	DEGREE	TANGENT	LENGTH	RADIUS	PI STATION	PI NORTHING	PI EASTING	PC STATION	PC NORTHING	PC EASTING	PT STATION	PT NORTHING	PT EASTING
MAINLANES																
IH35	A24	IH35-24	35° 09' 15.06" LT	1° 47' 25.78"	1,013.69'	1,963.38'	3,200.00'	2883+53.91	7,210,055.61	2,376,313.38	2873+40.22	7,209,215.34	2,375,746.35	2893+03.60	7,211,069.10	2,376,293.18
FRONTAGE RDS																
NBFR	B34	NBFR-34	35° 09' 15.06" LT	1° 41' 55.17"	1,068.49'	2,069.53'	3,373.00'	3882+70.24	7,210,004.27	2,376,487.44	3872+01.75	7,209,118.57	2,375,889.75	3892+71.28	7,211,072.55	2,376,466.15
	B35	NBFR-35	4° 54' 27.01" LT	1° 54' 35.49"	128.56'	256.96'	3,000.00'	3908+45.88	7,212,646.84	2,376,434.77	3907+17.33	7,212,518.31	2,376,437.33	3909+74.28	7,212,774.68	2,376,421.22
	B36	NBFR-36	4° 54' 27.01" RT	1° 54' 35.49"	128.56'	256.96'	3,000.00'	3911+02.84	7,212,902.52	2,376,407.67	3909+74.28	7,212,774.68	2,376,421.22	3912+31.24	7,213,031.06	2,376,405.11
SBFR	C46	SBFR-46	35° 09' 15.06" LT	1° 53' 34.17"	958.89'	1,857.23'	3,027.00'	1884+50.72	7,210,106.96	2,376,139.32	1874+91.83	7,209,312.12	2,375,602.95	1893+49.07	7,211,065.65	2,376,120.21
	C47	SBFR-47	5° 13' 54.15" RT	1° 54' 35.49"	137.06'	273.93'	3,000.00'	1908+98.36	7,212,614.64	2,376,089.34	1907+61.30	7,212,477.61	2,376,092.07	1910+35.23	7,212,751.35	2,376,099.12
	C48	SBFR-48	5° 13' 54.15" LT	1° 54' 35.49"	137.06'	273.93'	3,000.00'	1911+72.29	7,212,888.06	2,376,108.89	1910+35.23	7,212,751.35	2,376,099.12	1913+09.17	7,213,025.10	2,376,106.16
RAMPS																
RX35SCHI	AU4	RX35SCHI-4	4° 00' 00.00" LT	1° 00' 18.68"	199.05'	397.94'	5,700.00'	25+26.19	7,208,541.03	2,375,218.92	23+27.14	7,208,384.21	2,375,096.34	27+25.08	7,208,706.03	2,375,330.26
RNCHI35N	AV2	RNCHI35N-2	4° 00' 00.00" RT	1° 00' 18.68"	199.05'	397.94'	5,700.00'	22+83.83	7,208,425.87	2,375,300.45	20+84.78	7,208,253.51	2,375,200.89	24+82.72	7,208,590.86	2,375,411.79
RN300235N	AW1	RN300235N-1	11° 39' 35.44" LT	5° 27' 24.27"	107.21'	213.68'	1,050.00'	11+07.21	7,210,730.55	2,376,443.27	10+00.00	7,210,624.03	2,376,431.10	12+13.68	7,210,837.33	2,376,433.67
	AW2	RN300235N-2	4° 00' 00.00" RT	1° 00' 18.68"	199.05'	397.94'	5,700.00'	21+28.84	7,211,748.81	2,376,351.65	19+29.79	7,211,550.56	2,376,369.49	23+27.73	7,211,947.82	2,376,347.68
RX35S3002	AX1	RX35S3002-1	5° 32' 27.38" RT	5° 27' 24.27"	50.81'	101.54'	1,050.00'	10+50.81	7,210,669.34	2,376,128.70	10+00.00	7,210,618.94	2,376,122.27	11+01.54	7,210,718.89	2,376,139.96
	AX2	RX35S3002-2	11° 17' 36.52" LT	5° 27' 24.27"	103.82'	206.96'	1,050.00'	12+05.36	7,210,820.12	2,376,162.99	11+01.54	7,210,718.89	2,376,139.96	13+08.51	7,210,923.90	2,376,165.74
	AX3	RX35S3002-3	1° 22' 59.01" LT	1° 51' 52.16"	37.09'	74.18'	3,073.00'	13+45.60	7,210,960.98	2,376,166.72	13+08.51	7,210,923.90	2,376,165.74	13+82.69	7,210,998.07	2,376,166.81
	AX4	RX35S3002-4	2° 43' 22.06" RT	0° 43' 30.95"	187.75'	375.42'	7,900.00'	15+70.43	7,211,185.82	2,376,167.25	13+82.69	7,210,998.07	2,376,166.81	17+58.11	7,211,373.33	2,376,176.61
	AX5	RX35S3002-5	4° 00' 00.00" LT	1° 00' 18.68"	199.05'	397.94'	5,700.00'	24+81.80	7,212,096.12	2,376,212.70	22+82.75	7,211,897.32	2,376,202.77	26+80.69	7,212,295.13	2,376,208.73
CROSS STREETS																
XLOAK	BN1	XLOAK-1	34° 11' 26.03" RT	7° 29' 22.72"	235.28'	456.50'	765.00'	95+94.51	7,209,467.64	2,375,410.40	93+59.23	7,209,467.15	2,375,175.12	98+15.74	7,209,335.84	2,375,605.29
	BN2	XLOAK-2	70° 10' 25.33" LT	7° 29' 22.72"	537.39'	936.94'	765.00'	105+47.35	7,208,926.00	2,376,211.33	100+09.96	7,209,227.04	2,375,766.18	109+46.91	7,209,242.66	2,376,645.51



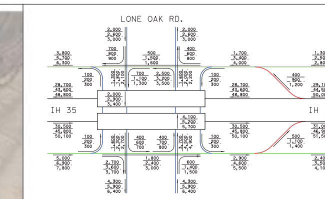
PROPERTY OWNERSHIP DATA

PROPERTY	OWNER NAME	ADDRESS	BUSINESS/DESCRIPTION
N185	COLSTON PROPERTY TRUST	5428 LAKE VICTORIA CT	FITZGERALD P 0367 ACRES 75.88
N186	ECONO-FUEL INC	PO BOX 2599	FITZGERALD P 0367 ACRES 3.63
N187	COPE BROTHERS HOLDINGS LLC	PO BOX 530	BRADLY ED, 0033 ACRES 2.4 13285 S I-35
N188	TPG INVESTMENTS LLC	1040 CR 251	BRADLY ED, 0033 ACRES 10.22
N189	BOREN MARK A	13137 I-35 S	BRADLY ED, 0033 ACRES 10.25
N190	35 VV LTD	PO BOX 802736	BRADLY ED, 0033 ACRES 64.53
N191	FEAGINS BETTY BLACK	278 SCENIC POINT	BRADLY ED, 0033 ACRES 18.95
N192	MOORE MARK A & MARY J	900 UTILITY RD #105	BRADLY ED, 0033 ACRES 1.66
N193	WORTHEY RICHARD G	12715 CASHS MILL RD	BRADLY ED, 0033 ACRES 4.59

PROPERTY	OWNER NAME	ADDRESS	BUSINESS/DESCRIPTION
S172	PAAGE LTD	5428 LAKE VICTORIA CT	FITZGERALD P, 0367 ACRES 121.7
S173	HATCHEL HILL LLC	304 ACKER ST STE 104	BRADLY ED 0033 ACRES 1.0
S174	HATCHEL HILL LLC	304 ACKER ST STE 104	BRADLY ED 0033 ACRES 109.82
S175	I-35 & MCGEE LP	9780 WALNUT ST #405	BRADLY ED, 0033 ACRES 59.62
S176	MCGEE REALTY LTD	1850 MCGEE LANE	BRADLY ED, 0033 ACRES 20.41, 12650 S I-35
S177	MCGEE REALTY LTD	1850 MCGEE LANE	BRADLY ED, 0033 ACRES 1.0, 12650 S I-35



Lone Oak Rd Proposed Typical Section
Lone Oak Rd at IH 35
NTS



LEGEND
XX,XXX 2020 ADT
XX,XXX 2040 ADT
XX,XXX 2050 ADT

NOTE: PRELIMINARY TRAFFIC, AWAITING TP&P APPROVAL

TRAFFIC DIAGRAM
NTS

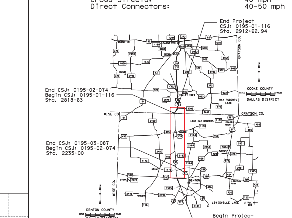
Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002
CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116
Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:
IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 20 mph
Frontage Roads: 45 mph
Cross Streets: 40 mph
Direct Connectors: 40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SWINDELL 80688
JASON A. RICHTER 114508
NOVEMBER 2018
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 12 OF 23
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400
...\Schematic\IH35PRVPLOT12.dgn

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

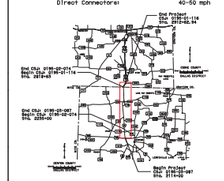
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

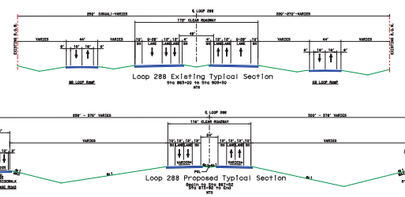
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MERRELL P.E. — 127 — 11/29/18
JASON M. BOOTER P.E. — 127 — 11/29/18
NOVEMBER 2018
DATE

100% FINAL PRELIMINARY SUBJECT TO CHANGE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 13 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1253
972.992.6400

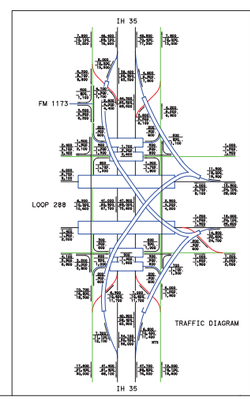


* SEE SUPERELEVATION TABLES

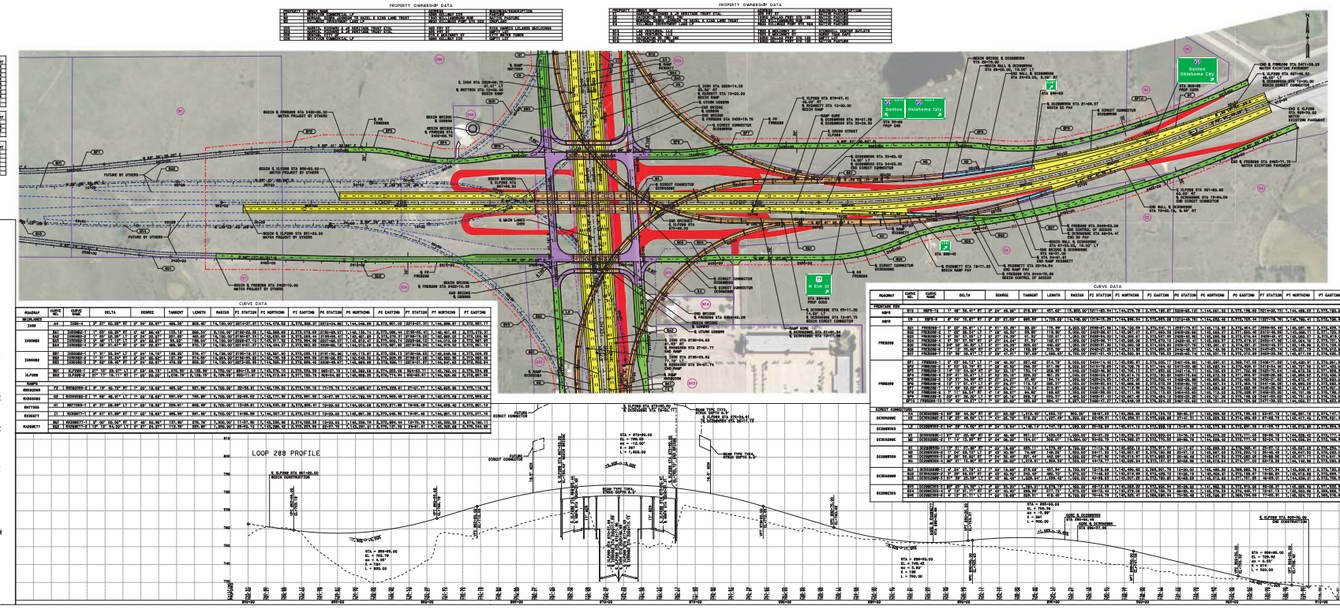
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS ARE BASED ON AERIAL PHOTOGRAPHY AND PLANS PROVIDED BARGER DITA AND DECEMBER 2016.
2. TRAFFIC VOLUMES BASED ON METCOG MODEL AND WILL BE APPROVED BY TXDOT PRIOR.
3. ADA RAMPS AND SIDEWALK LOCATIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING DESIGN PHASE.
4. ACCESS DENIALS LOCATIONS ARE DETERMINED PER TXDOT ACCESS MANAGEMENT MANUAL.
5. BUILDINGS ARE SHOWN AS POTENTIAL ACQUISITIONS IF THE PROPOSED TXDOT ROW PHYSICALLY INTERSECTS THE EXISTING BUILDING STRUCTURE.
6. DRIVEWAY LOCATIONS ARE PRELIMINARY AND WILL BE FURTHER DEVELOPED DURING DESIGN PHASE.
7. EXISTING PAVEMENT AND BRIDGES LOCATED WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED UNLESS OTHERWISE NOTED.
8. SUPER ELEVATION AXIS OF ROTATION IS ABOUT THE PGL'S AS SHOWN IN THE TYPICAL SECTIONS.
9. CURBS ON FRONTAGE ROADS AND CROSS STREETS ARE TYPE II UNLESS NOTED OTHERWISE.
10. DIMENSIONS ARE TO THE EDGE OF PAVEMENT, EDGE OF SHOULDER, FACE OF CURB, FACE OF BARRIER, OR WALL UNLESS NOTED OTHERWISE.
11. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED ON FEMA 100 YEAR FLOOD INSURANCE RATE MAPS (FIRM) (COMMUNITY NUMBER 480582C0205G, AND 480582C0210G).
12. CONVENTIONAL ROADWAY STORAGE (SMALL SIGNS) ARE NOT SHOWN AND WILL BE DEVELOPED DURING THE FINAL PHASE OF THE PROJECT.
13.

LEGEND

MAINLANES	MANAGED LANES	EXISTING RIGHT-OF-WAY
FRONTAGE ROADS	TRANSITION PAVEMENT	PROPOSED RIGHT-OF-WAY
RAMPS	BY OTHERS	PROPOSED DRAINAGE EASEMENT
BRIDGES	PAVEMENT REMOVAL	FUTURE WORK BY OTHERS
CROSS STREETS/LOCAL ROADS	CONTROL OF ACCESS	PROPERTY LINES
LOCAL STREET CONNECTOR	PROPOSED RETAINING WALL	



TRAFFIC DIAGRAM



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connectors: 30 mph
Cross Streets: 40 mph
Frontage Roads: 40 mph
Direct Connectors: 40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MERRELL P.E. — 127 — 11/29/18
JASON M. BOOTER P.E. — 127 — 11/29/18
NOVEMBER 2018
DATE

100% FINAL PRELIMINARY SUBJECT TO CHANGE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 13 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1253
972.992.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

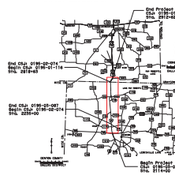
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Frontage Roads:	40 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

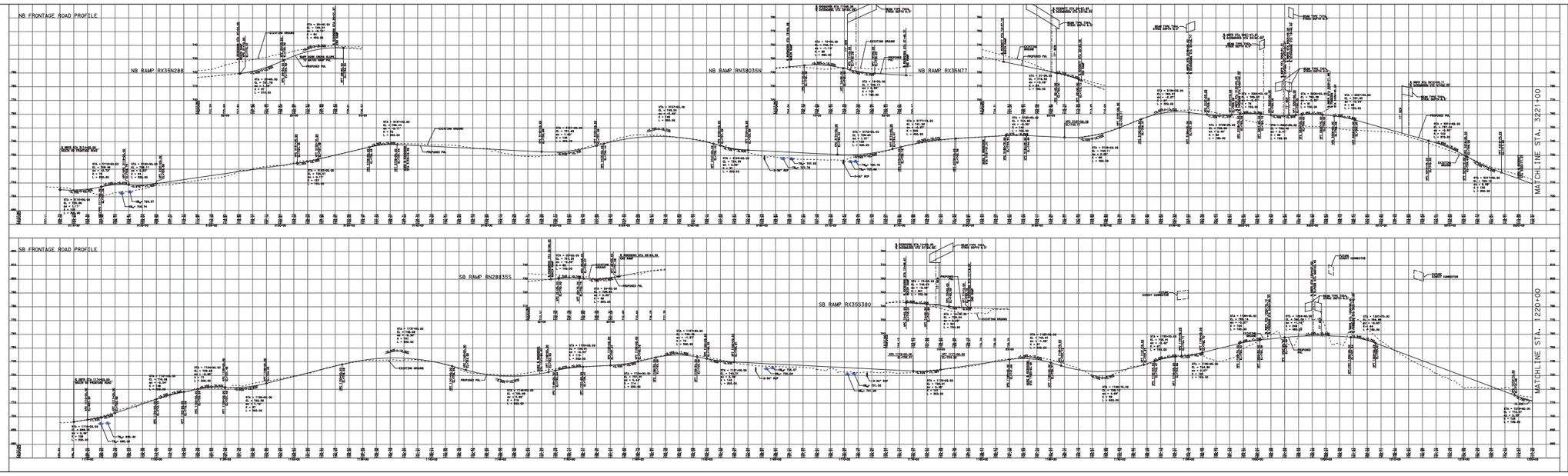
BRIAN CRAWELL P.E. 92 TEXAS
JASON ALL FOSTER 114808 P.E. TEXAS
NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 14 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

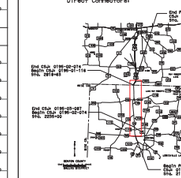
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Frontage Roads:	40 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN CRAWELL P.E. 92 TEXAS
JASON ALL FOSTER 114808 P.E. TEXAS
NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 14 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

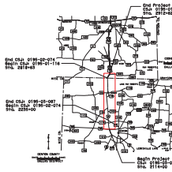
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

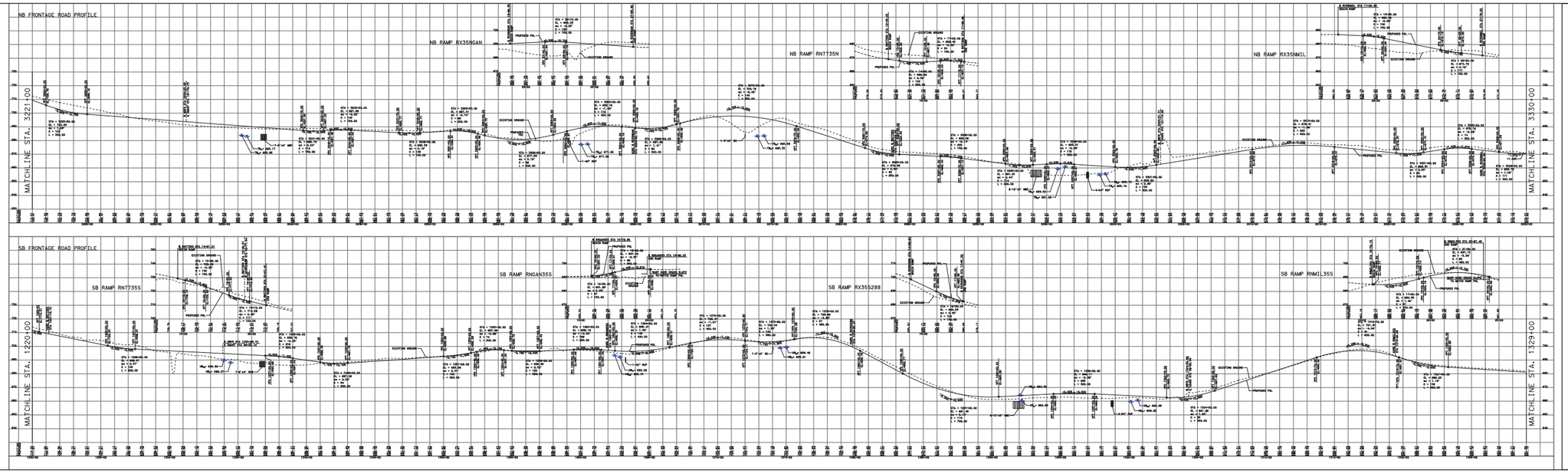
BRIAN MICHELL — 7/1/2019
JASON ALL FOSTER — 7/1/2019
NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 15 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

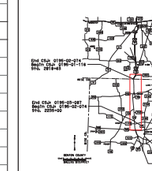
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN MICHELL — 7/1/2019
JASON ALL FOSTER — 7/1/2019
NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 15 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

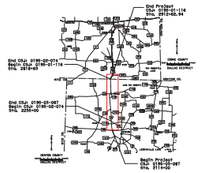
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN SENNELL, P.E.
Texas No. 119484

JASON A. ROBERTSON, P.E.
Texas No. 119484

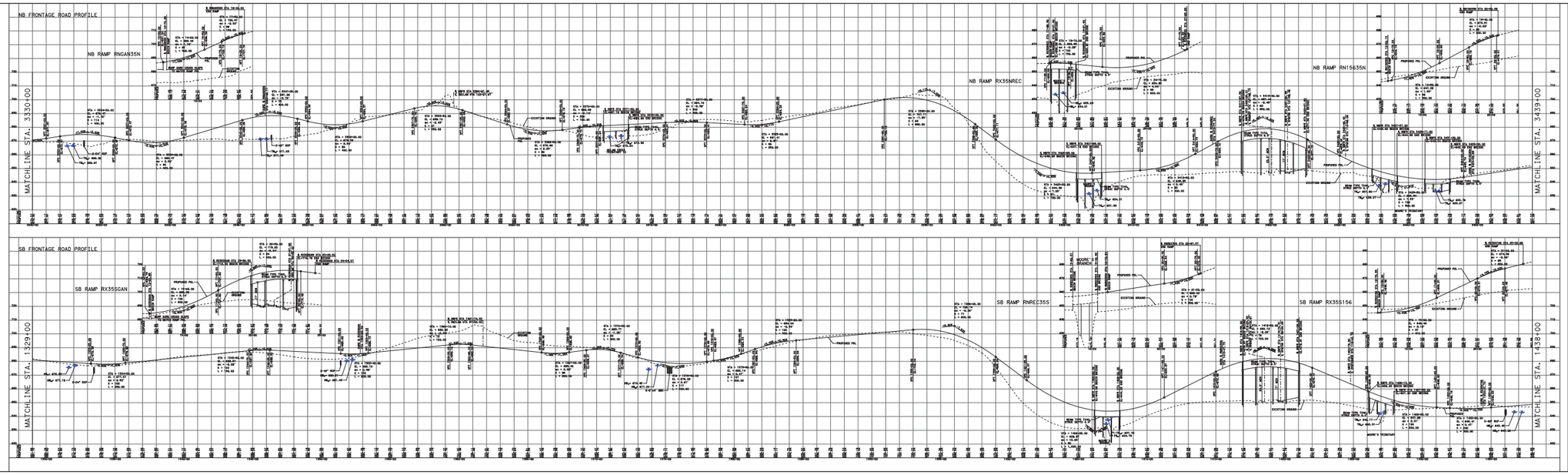
NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 16 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

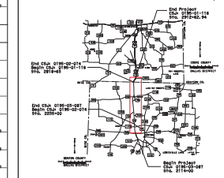
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN SENNELL, P.E.
Texas No. 119484

JASON A. ROBERTSON, P.E.
Texas No. 119484

NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 16 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District

Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

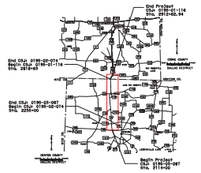
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

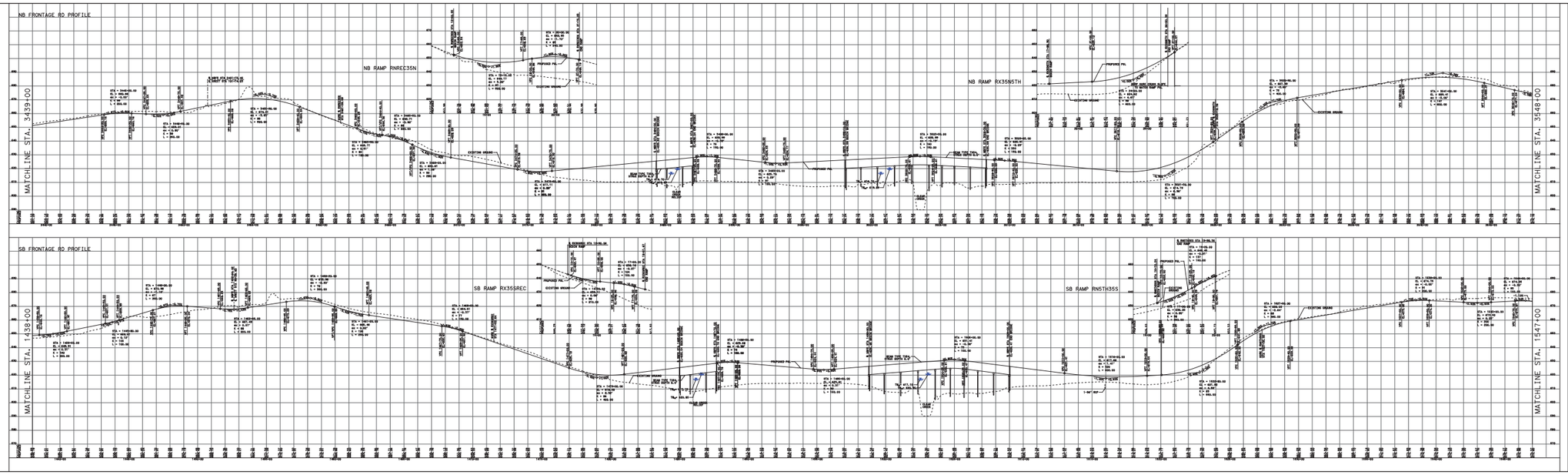
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN CRUMBELL P.E. 92 LICENSED
JASON W. ROSTER P.E. 114908 LICENSED
NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 17 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District

Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

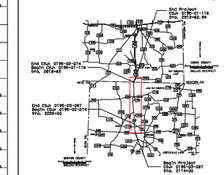
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN CRUMBELL P.E. 92 LICENSED
JASON W. ROSTER P.E. 114908 LICENSED
NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 17 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District

Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

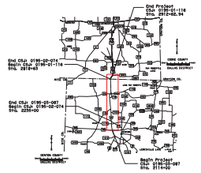
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

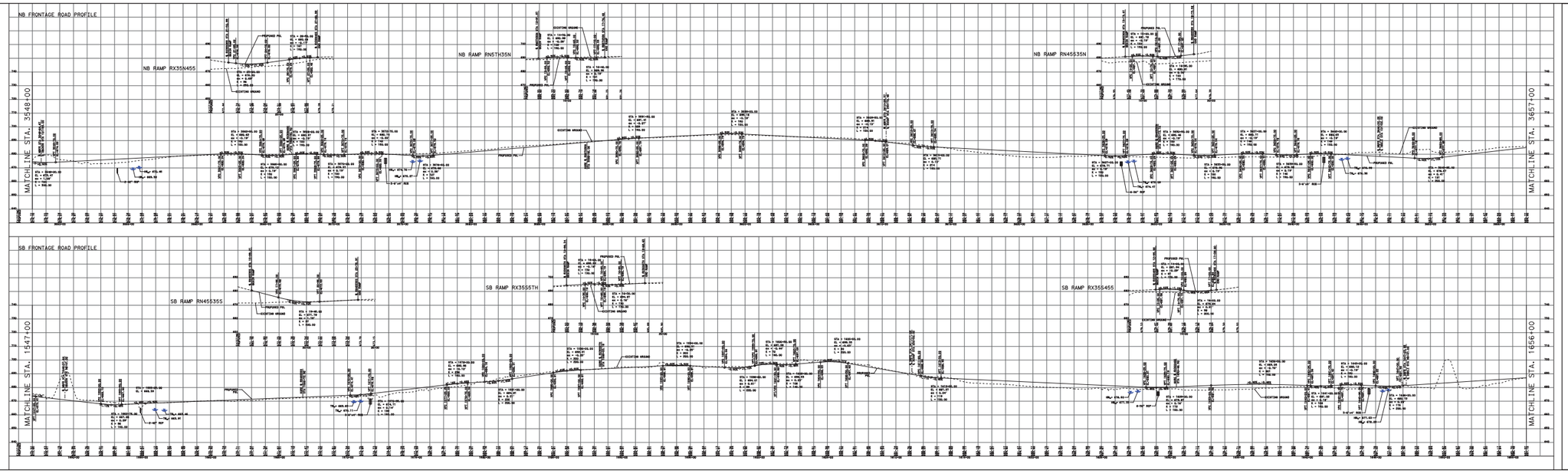
BRIAN MENDELL, P.E.
JASON ALL KOSTOFF, P.E.
NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 18 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District

Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

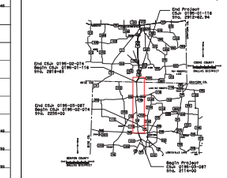
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER
THE DIRECT SUPERVISION OF:

BRIAN MENDELL, P.E.
JASON ALL KOSTOFF, P.E.
NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 18 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

![Texas Department of Transportation]
Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

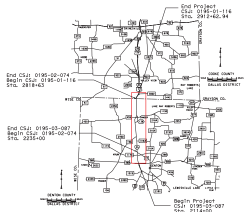
From: US 380
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	20 mph
Frontage Roads:	45 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BRIAN SWINDELL	80688
JASON A. RICHTER	114508

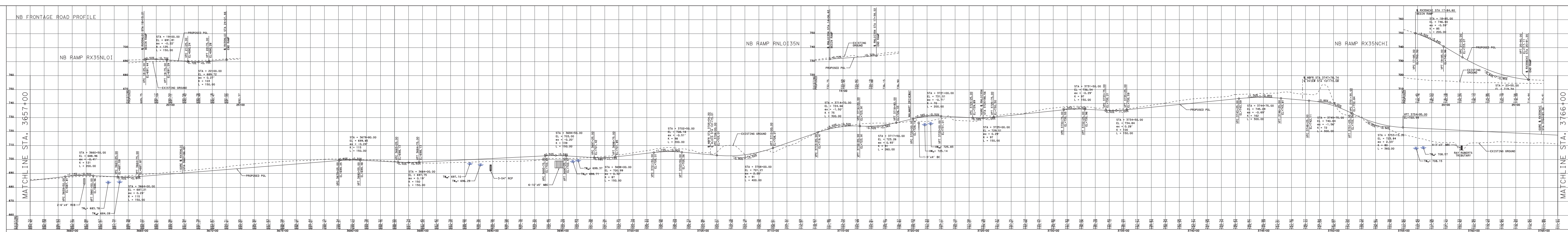
NOVEMBER 2018
DATE

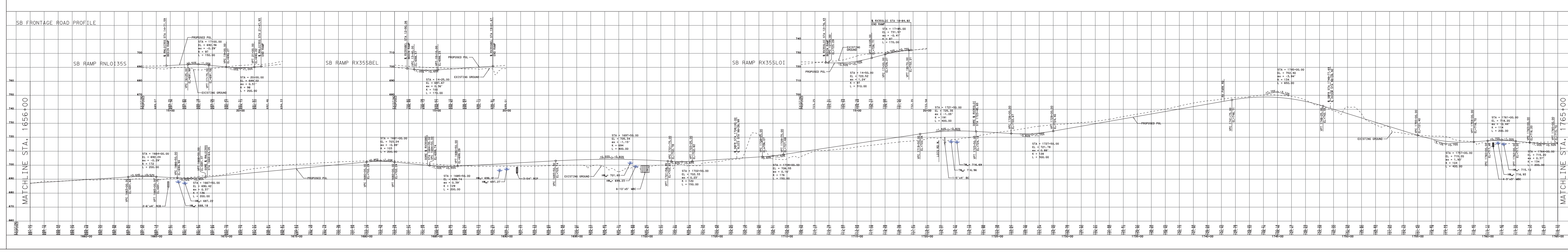
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

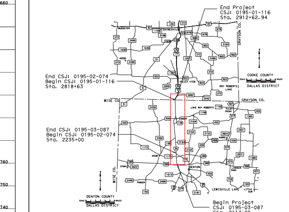
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

...\Schematic\IH35PRVPLOT19.dgn





Texas Department of Transportation
© 2018 by Texas Department of Transportation; all rights reserved
Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer
IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002
CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116
Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile
Design Speed:
IH 35 Mainlanes: 70 mph
SL 288 Mainlanes: 70 mph
Ramps: 50 mph
Turnaround Ramps: 20 mph
Local Street Connector: 20 mph
Frontage Roads: 45 mph
Cross Streets: 40 mph
Direct Connectors: 40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN SWINDELL 80688
JASON A. RICHTER 114508
NOVEMBER 2018
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 19 OF 23
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400
...\Schematic\IH35PRVPLOT19.dgn

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

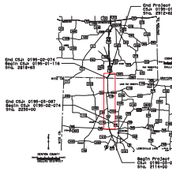
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Frontage Roads:	40 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

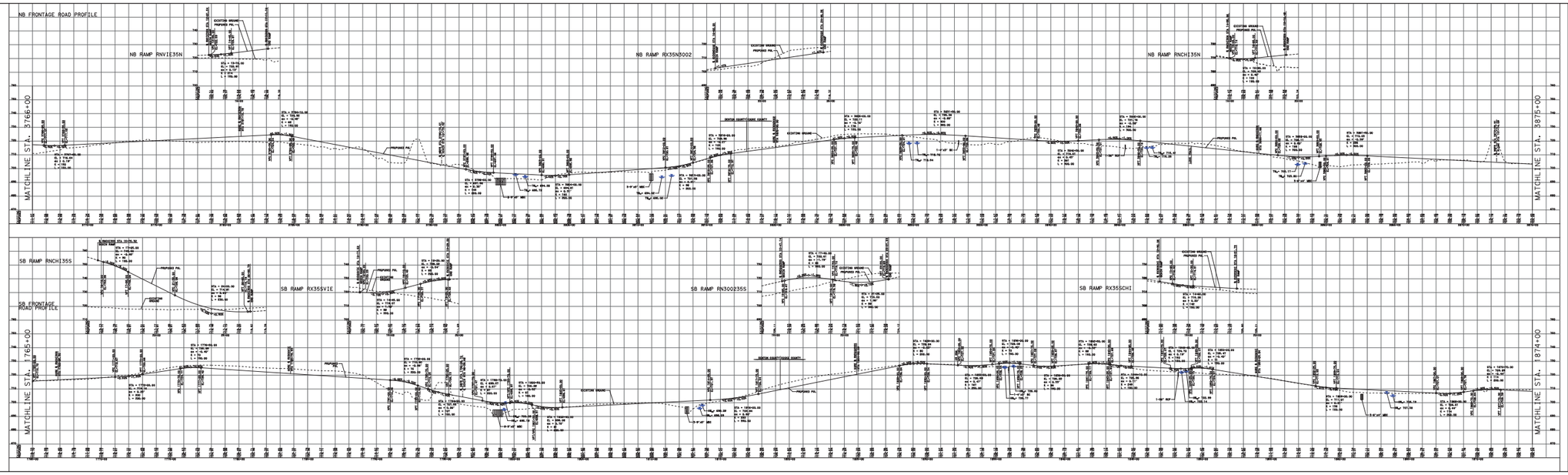
PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MENDELL P.E. 119008
JASON M. ROSTOW 119008
NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 20 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Frontage Roads:	40 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
BRIAN MENDELL P.E. 119008
JASON M. ROSTOW 119008
NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 20 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

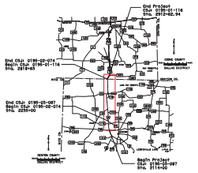
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	20 mph
Frontage Roads:	40 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN MERRELL P.E. 87558 — 11/29/18
JASON M. SCOTTER P.E. 87558 — 11/29/18
NOVEMBER 2018
DATE

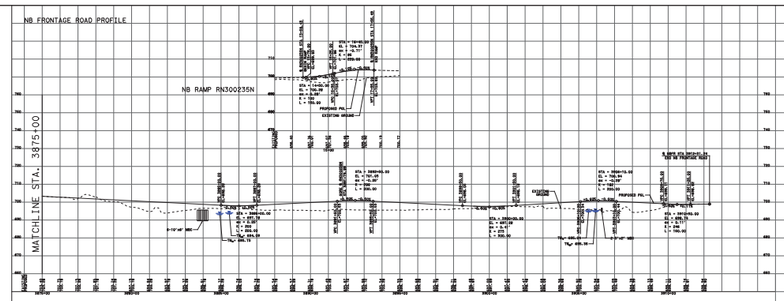
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY
SUBJECT TO CHANGE

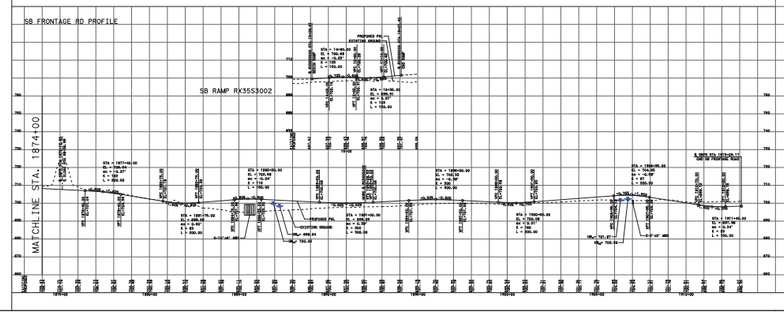
ROLL 21 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.4400

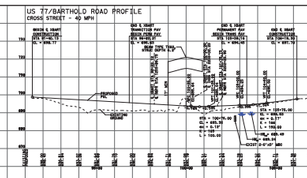
NB FRONTAGE ROAD PROFILE



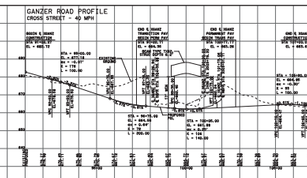
SB FRONTAGE RD PROFILE



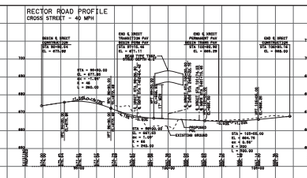
US 77/BARTHOLD ROAD PROFILE
CROSS STREET - 40 MPH



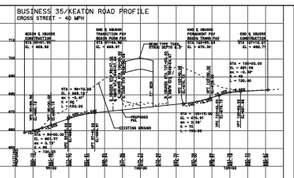
GANZER ROAD PROFILE
CROSS STREET - 40 MPH



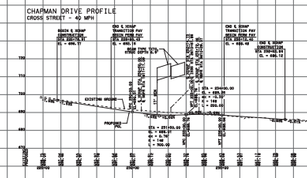
RECTOR ROAD PROFILE
CROSS STREET - 40 MPH



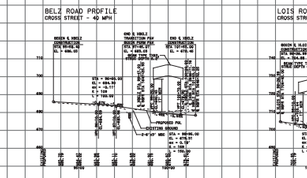
BUSINESS 35/KEATON ROAD PROFILE
CROSS STREET - 40 MPH



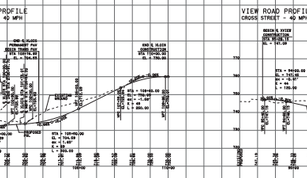
CHAPMAN DRIVE PROFILE
CROSS STREET - 40 MPH



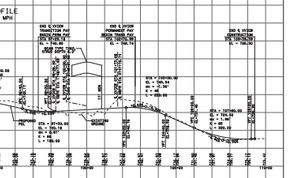
BELZ ROAD PROFILE
CROSS STREET - 40 MPH



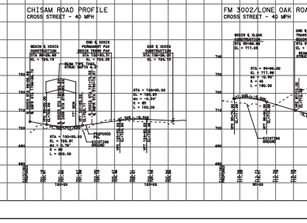
LOIS ROAD PROFILE
CROSS STREET - 40 MPH



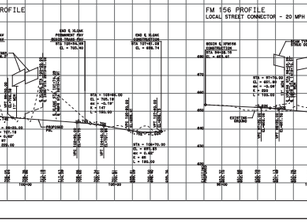
VIEW ROAD PROFILE
CROSS STREET - 40 MPH



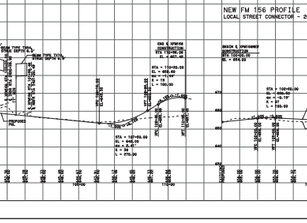
CHISAM ROAD PROFILE
CROSS STREET - 40 MPH



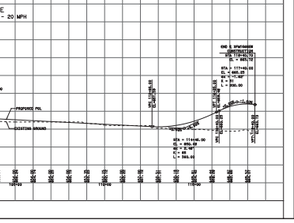
FM 3002/LONE OAK ROAD PROFILE
CROSS STREET - 40 MPH



FM 156 PROFILE
LOCAL STREET CONNECTOR - 20 MPH



NEW FM 156 PROFILE
LOCAL STREET CONNECTOR - 20 MPH



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District
Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	20 mph
Frontage Roads:	40 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph

Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN MERRELL P.E. 87558 — 11/29/18
JASON M. SCOTTER P.E. 87558 — 11/29/18
NOVEMBER 2018
DATE

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY
SUBJECT TO CHANGE

ROLL 21 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.4400

Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

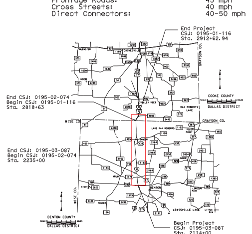
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connector:	20 mph
Frontage Roads:	45 mph
Cross Streets:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

NAME	P.E. NUMBER
BRIAN SWINDELL	80688
JASON A. RICHTER	114508

NOVEMBER 2018
DATE

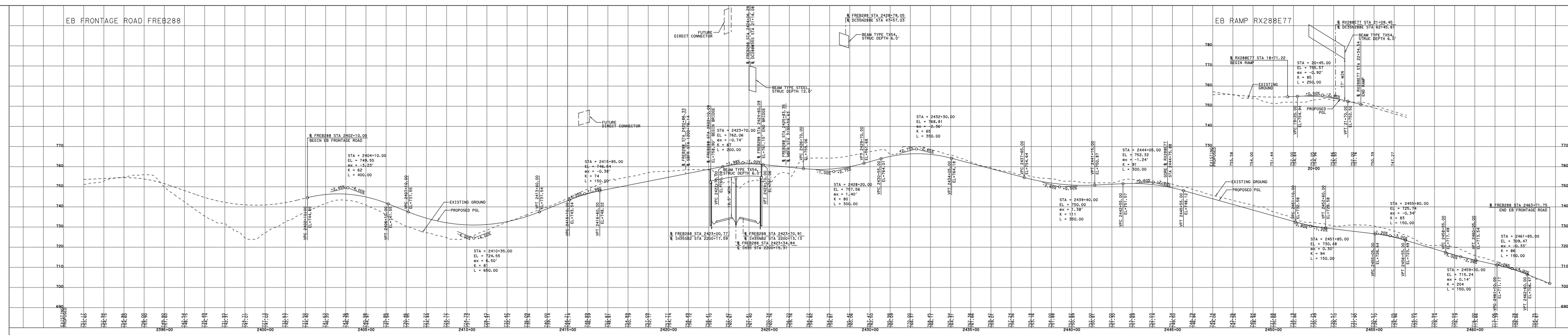
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

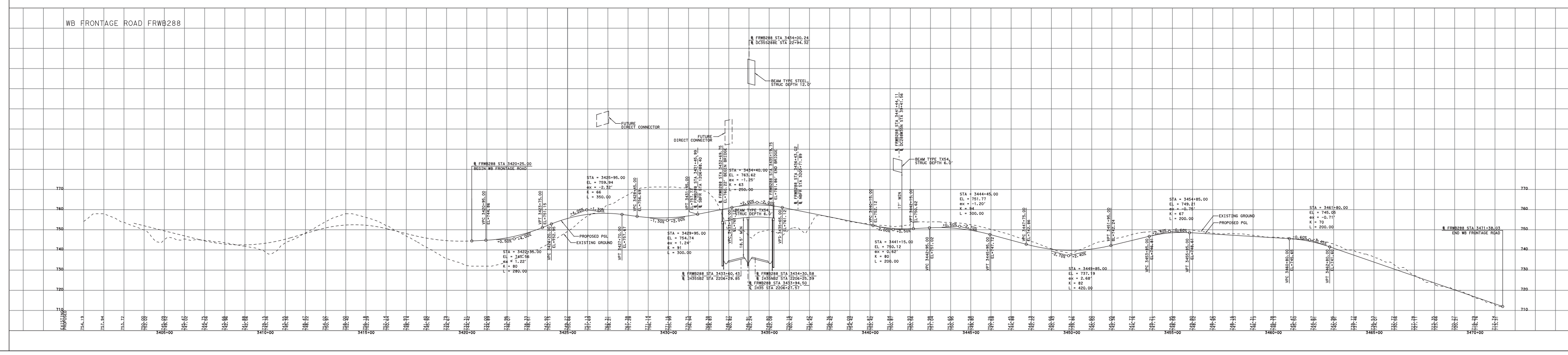
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ROLL 22 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

...\Schematic\IH35PRVPLOT22.dgn





Texas Department of Transportation

© 2018 by Texas Department of Transportation; all rights reserved

Dallas District
Mohamed K. Bur, P.E.
Dallas District Engineer

IH 35
DESIGN SCHEMATIC
From: US 380
To: 0.7 mi North of FM 3002
CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116
Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Mile
Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'
NOVEMBER 2018
100% FINAL
PRELIMINARY, SUBJECT TO CHANGE
NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES
ROLL 22 OF 23
HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.960.4400

Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District

Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

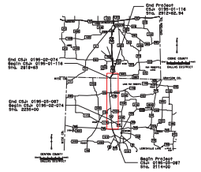
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Miles

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN CRAWELL — P.E. LICENSE NO. 124800

JASON W. ROSTER — LICENSED P.E. LICENSE NO. 124800

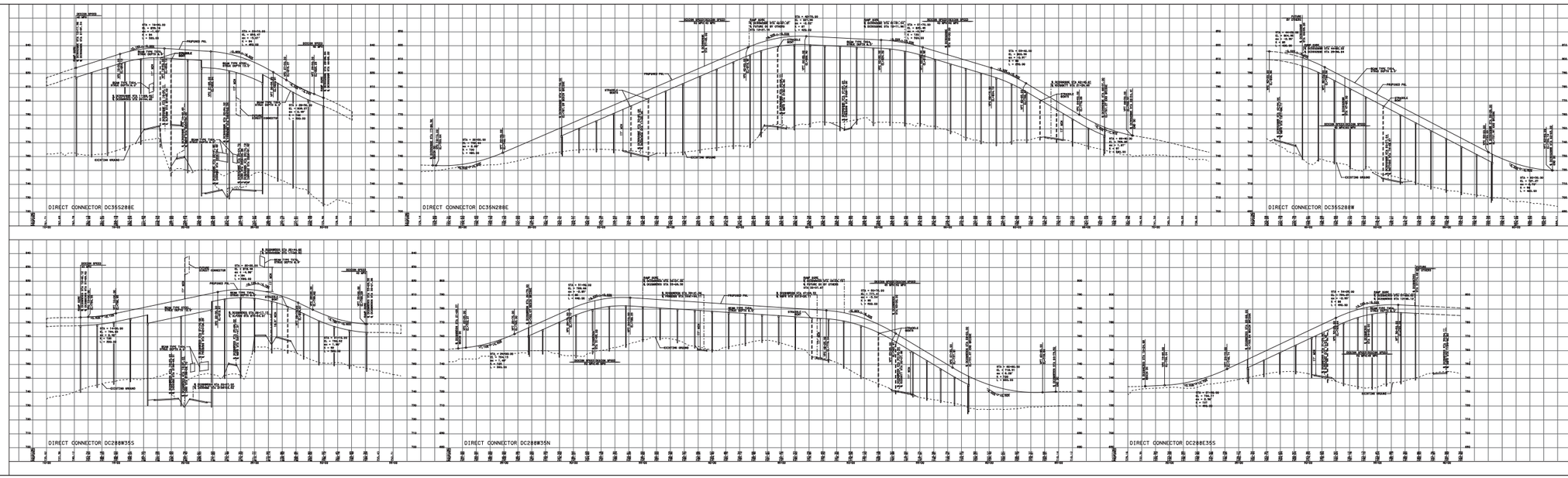
NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 23 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400



Texas Department of Transportation

© 2018 by Texas Department of Transportation, all rights reserved

Dallas District

Mohamed K. Burr, P.E.
Dallas District Engineer

IH 35

DESIGN SCHEMATIC

From: US 380

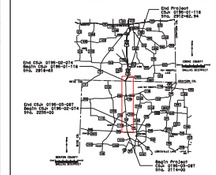
To: 0.7 mi North of FM 3002

CSJ: 0195-03-087
CSJ: 0195-02-074
CSJ: 0195-01-116

Denton and Cooke Counties
Functional Class: Interstate
Project Length: 15.12 Miles

Design Speed:

IH 35 Mainlanes:	70 mph
SL 288 Mainlanes:	70 mph
Ramps:	50 mph
Turnaround Ramps:	20 mph
Local Street Connectors:	30 mph
Cross Streets:	40 mph
Frontage Roads:	40 mph
Direct Connectors:	40-50 mph



Scale: Horizontal 1"=200'
Scale: Vertical 1"=20'

NOVEMBER 2018

PRELIMINARY
SUBJECT TO REVISIONS
SCHEMATIC PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

BRIAN CRAWELL — P.E. LICENSE NO. 124800

JASON W. ROSTER — LICENSED P.E. LICENSE NO. 124800

NOVEMBER 2018

NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

100% FINAL
PRELIMINARY, SUBJECT TO CHANGE

ROLL 23 OF 23

HDR
Firm Registration No. F-754
17111 Preston Road, Suite 300
Dallas, Texas 75248-1232
972.992.6400