STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

DALLAS DISTRICT

DISTRICT ENGINEER, JAMES K. SELMAN, P.E.

STATE LOOP 9
DESIGN SCHEMATIC

FROM: IH 35E

TO: IH 45

CITIES OF LANCASTER, RED OAK, FERRIS AND WILMER

DALLAS AND ELLIS COUNTIES

CSJ: 2964-10-005

FUNCTIONAL CLASSIFICATION:
LOOP 9: RURAL FREEWAY
IH 35E: URBAN FREEWAY
IH 45: RURAL FREEWAY

LOOP 9, IH 35E, AND IH 45 DESIGN SPEED

MAIN LANES:	70 MPH
FRONTAGE ROADS:	50 MPH
RAMPS:	50 MPH
BUSINESS 45:	50 MPH
SH 342:	50 MPH
HOUSTON SCHOOL RD:	40 MPH
NAKOMIS RD:	30 MPH
REINDEER RD:	30 MPH
LOCAL SIDE STREETS:	30 MPH
JUG HANDLES:	25 MPH
U-TURNS:	25 MPH

E MAX: 6%

PROJECT LENGTH: 10.00 MILES

PROJECT DESCRIPTION:
CONSTRUCT 0 TO 2 (ULTIMATE 6) LANE FRONTAGE ROADS.

HORIZ. 1"=200'
VERT. 1"=20'

PHASE I & II

TEXAS COUNTY MAP
DALLAS DISTRICT

PRELIMINARY

THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREIN IS SUBJECT TO CHANGE AND SHALL NOT BE CONSIDERED FINAL FOR CONSTRUCTION, BIDDING OR PERMITTING

BY: J. BRYAN HUGHES, P.E. 108113
DATE: 3/30/2017
FOR: ATKINS

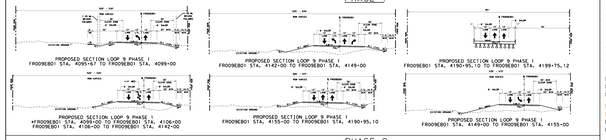
ATKINS
16303 PRESTON RD, SUITE #300
DALLAS, TEXAS 75248
PHONE: (972) 818-7275
FAX: (972) 387-2801

TBPE REG. #F-474

© 2017 by the State of Texas
Department of Transportation

ROLL 2 OF 8
MARCH 2017

PHASE 1



PHASE 2

PLAN LEGEND

- PROPOSED R
- PROPOSED ROW
- EXISTING ROW
- FUTURE ROW
- CONTROL OF ACCESS ROW
- PERMANENT DRAINAGE EASEMENT
- PROPERTY LINES
- CONSTRUCTION EASEMENT
- COUNTY LINE
- PROPOSED PHASE I ROADWAY
- PROPOSED PHASE II ROADWAY
- FUTURE IMPROVEMENTS
- PROPOSED BRIDGE PHASE I
- PROPOSED BRIDGE PHASE II
- PHASE I TEMPORARY ACCESS
- FLOOD PLAIN
- TRANSMISSION LINES
- PHASE I REMOVAL
- PHASE II REMOVAL

PROFILE LEGEND

- PROPOSED POL AT EBFR
- EXISTING GROUND AT EBFR
- PROPOSED POL AT WBFR
- EXISTING GROUND AT WBFR

TYPICAL SECTION LEGEND

- EXISTING LANE DIRECTION
- PROPOSED LANE DIRECTION
- EXISTING CONSTRUCTION
- PROPOSED CONSTRUCTION

NUMBER	OWNER NAME	PARCEL NUMBER
2-1	FCS LANCASTER LTD	650833660100100
2-2	LEYSO ACQUISITION LLC	650833660100200
2-3	LEYSO ACQUISITION LLC	650833660100300
2-4	ROSS BARBARA ETAL	650833660100800
2-5	ROSS BARBARA ETAL	650833660100900
2-6	LEWIS GEORGE H JR	650833660101000
2-7	COLLARD WILLIAM D &	650819240101400000
2-8	DELGADO ANTONIO	650833660103300
2-9	MILLER A J & MARY	650833660103500
2-10	MILLER ARLON J	650833660103600
2-11	DURREN ANNA JO	602350000100200000
2-12	DURREN MARK ANTHONY SR	602350000100300000
2-13	DURREN MARK ANTHONY	602350000100400000
2-14	HILLE LANI W	602350000100400000
2-15	BERNARD CATHERINE	602350000100500000
2-16	BERNARD ALAN	602350000100600000
2-17	CARRILLO RODOLFO & CIRIA	602350000100700000
2-18	BOLES FRANCIS ODELL	602350000100800000
2-19	BOLES FRANCIS ODELL	602350000100900000
2-20	MORENO GUADALUPE	602350000102000000
2-21	RIVAS MARIO S EVA S	602350000102200000
2-22	MENDOZA ELIDA MARTINEZ	602350000102300000
2-23	BALDERAS LUIS	602350000102400000
2-24	BALDERAS LUIS	602350000102500000
2-25	CABRERA ALBERTO	602350000102600000
2-26	RODRIGUEZ ROLANDO	602350000102700000
2-27	RODRIGUEZ ROLANDO	602350000102800000
2-28	STAFFORD DONALD A	602350000102900000
2-29	WASHINGTON DIANE	602350000103000000
2-30	CLEVELAND ALICE	602350000103100000
2-31	RODRIGUEZ RAMIRO	602350000103200000
2-32	BURDEN SUE	650833660104000000
2-33	BURDEN SUE	650833660104100000
2-34	RODRIGUEZ RAMIRO	602350000103300000
2-35	GREENWELL JEAN A	602350000109000000
2-36	VILLARPANDO JESUS M	602350000103400000
2-37	ELSER RAYMOND B	651288000103300
2-38	MOFFETT JAMES W & MARILYN	651288000103300000
2-39	KAMMAKAR SHERESA JORDAN &	651284780100000000
2-40	COFFMAN INVESTMENTS LP &	651284780100300000

NUMBER	OWNER NAME	PARCEL NUMBER
2-41	MOFFETT JAMES W & MARILYN	651288000103300300
2-42	MOFFETT JAMES W & MARILYN	651288000103300400
2-43	MOFFETT JAMES W & MARILYN	651288000103300500
2-44	HARNELL LARRY	651288000103000000
2-45	HARNELL LARRY & NANCY	651288000103000100
2-46	MOFFETT JAMES W & MARILYN	651288000103000200
2-47	OLSEN RAYMOND A	651288000101400000
2-48	OLSEN RAYMOND A	651288000101400100
2-49	PETERSON MICHAEL & SHARON	602350000100100000
2-50	MOYA CARMEN	157462
2-51	RODRIGUEZ RICARDO & ROSEMARY	157633
2-52	MUNOZ MIGUEL & CONSUELO T	157454
2-53	TAYLOR BARBARA J	157455
2-54	TAYLOR BARBARA J	188925
2-55	YOUNG HARVEY	188694
2-56	TARRANT COUNTY COLLEGE	157461
2-57	GREENWELL JEAN ANNETTE	157461
2-58	LONG ROCKY WAYNE	188693
2-59	LONG ROCKY WAYNE	188692
2-60	TRUJILLO JOSE LUIS	188696
2-61	VILLANUEVA LUCILIO	188697
2-62	GREGORIO PEDRO SAN CARMEN	188687
2-63	HUNTER LORENZO W & JAMES R	205000
2-64	SMITH JAMES R & HUNTER ONL OTS	188688
2-65	BAILEY SHARON	188764
2-66	SANCHEZ JOSE LUIS N J ISABEL	188775
2-67	MORALES ALEJANDRO	188776
2-68	LOPEZ FERNANDO	188876
2-69	ALMANZA HECTOR & MARIE	220650
2-70	ALMANZA HECTOR & MARIE	188877
2-71	JASQUEZ GREGORIO & MARY	188886
2-72	SCHWING THOMAS W & PAULETTE D	188875
2-73	HORN GEORGE M JR &	188874
2-74	HORN GEORGE M JR & DEBRA	188873
2-75	HERNANDEZ FILIBERTO STAL	188871
2-76	CASTILLO MERCEDINO & SANDISA	188892
2-77	TRUJILLO JOSE	155987
2-78	TRUJILLO JOSE	155988
2-79	BOOS ELIZABETH D	155878
2-80	FLORES MIGUEL A	155879

NUMBER	OWNER NAME	PARCEL NUMBER
2-81	ALVIDREZ MARIA & LUCINA MOYA	155880
2-82	MOYA LUCINA	155881
2-83	MOZO CHARLOTTE	157507
2-84	DAVILA ADAN	155882
2-85	RAMIREZ ANTONIO & CIRIA D	157460
2-86	BOLES FRANCIS D	157460
2-87	BLANTON DENNY	157459
2-88	JURADO ANTONIO & MARIA R	157458
2-89	BORNHOLDT CATHERINE	157457
2-90	HILE LANI W	157466
2-91	ALMAGUARTI MARIFAR	157465
2-92	DURREN ANNA J	157464
2-93	DURREN ANNA J JR	157463
2-94	MEDINA ISRAEL	155806
2-95	MANZANO HERMINIO	155807
2-96	TARRANT COUNTY COLLEGE DISTRICT	155808
2-97	PANCHO DELLENO	155809
2-98	CLEMENTS RICHARD & NANCY	155810
2-99	LONG ROCKY WAYNE	155811
2-100	MILLER ARLON J	155130
2-101	MOOS TERESA EVONNE	148774
2-102	MILLER ARLON J	15317
2-103	DELACERDA ANTONIO	153168
2-104	GARZA ADAM & RENE	203506
2-105	GARZA ADAM & RENE	203507
2-106	ROSS JOHN D & BARBARA M	153177
2-107	MARTINEZ ANTONIO & ELVIA D	153176
2-108	RIVERFRONT PROPERTIES LP	147515
2-109	LMCAPLEY, LLC	207464
2-110	GARZA JOSE & ROSA TRUSTEES	147774
2-111	LEWIS RONNIE R JR	147773
2-112	ROWAN DORA E	147751
2-113	MARTINEZ MARIA & ELVIRA R	147750
2-114	HOUSE OF PRAYER MINISTRIES INC	147749
2-115	MANN PAUL	219875
2-116	MANN PAUL	153183
2-117	LEWIS GEORGE A JR &	153174

NOTES:
1. EXISTING FEATURES WERE NOT FIELD SURVEYED. SCHEMATICS CONTAIN DETAILED INFORMATION AND WERE DRAWN WITH THE HOUND PLANS.
2. SUPERELEVATION AXIS OF ROTATION IS ABOUT THE POL.
3. DIMENSIONS ARE TO THE EDGE OF PAVEMENT OR BACK OF CURB, WALL, BARRIER, OR RAIL, UNLESS NOTED OTHERWISE.
4. APPROACH ROAD TRAFFIC LANE LENGTHS ARE BASED UPON TDM SO WILL DIFFER FROM PLANS METHOD AND NEED MODIFICATION.
5. FRONTAGE ROADS ARE OUTSIDE LANCASTER, DOWNTOWN RED OAK, AND ELLIS COUNTY APPRAISAL DISTRICT IN SEPT 2015.
6. EXISTING DRAINAGE LOCATIONS, SIZE, AND ELEVATIONS ARE APPROXIMATE. ADDITIONAL DETAILS ARE NOT SHOWN FOR INFORMATIONAL PURPOSES ONLY.
7. ADA RAMPS ARE NOT DEPICTED IN THE PLAN.
8. EXISTING DRIVEWAYS WILL REMAIN UNLESS IT IS DETERMINED DURING DETAILED DESIGN TO BE AND CONFLICT WITH THE PROPOSED IMPROVEMENTS. ALL DRIVEWAYS WILL BE REVIEWED AND MEETING THE LOCATIONS WITHIN ACCESS DENIAL LIMITS SHOWN.
9. FINAL DRIVEWAY LOCATIONS TO BE DETERMINED IN THE FUNDED DEVELOPMENT PHASE.
10. BUILDING NOTE WERE AS POTENTIAL DISPLACEMENT OF THE BUILDING STRUCTURE. NOT ALL NOTES ARE ON THE BUILDING STRUCTURE.
11. CURBS ON THE FRONTAGE ROAD AND CROSS STREETS ARE TYPE 11 UNLESS NOTED OTHERWISE.
12. CONNECTIONS TO EXISTING CROSS STREET SHALL SIGNIFY AND NOT CHANGE THE ELEVATION OF THE CROSS STREET AT THE PHASE PHASE OF THE PROJECT.
13. BEGIN SCHEMATIC SHOWN WITH IH 35 FOR PHASE 1 AND 1B. PHASE 2 SCHEMATIC BEGINS AT THE IH 35 BRIDGE. PHASE 2 SCHEMATIC FOR NEW ALIGNEMENT AND SHALL BE FURTHER DEVELOPED DURING 60% STAGE.
14. EXISTING OVERHEAD POWER LINE CROSSINGS SHOWN. CONTACT ONCOR FOR ANY WORK WITHIN 50 FEET OF ONCOR'S EXISTING OVERHEAD POWER LINES. ONCOR REQUIRES 50 FEET OF CLEARANCE.
15. VERTICAL CLEARANCES AT RAILROAD CROSSINGS WERE DETERMINED FROM PROVIDED TOPOGRAPHICAL DATA.
16. EXISTING RW IS APPROXIMATE AND BASED ON AVAILABLE 40-BASIS RECORDS.

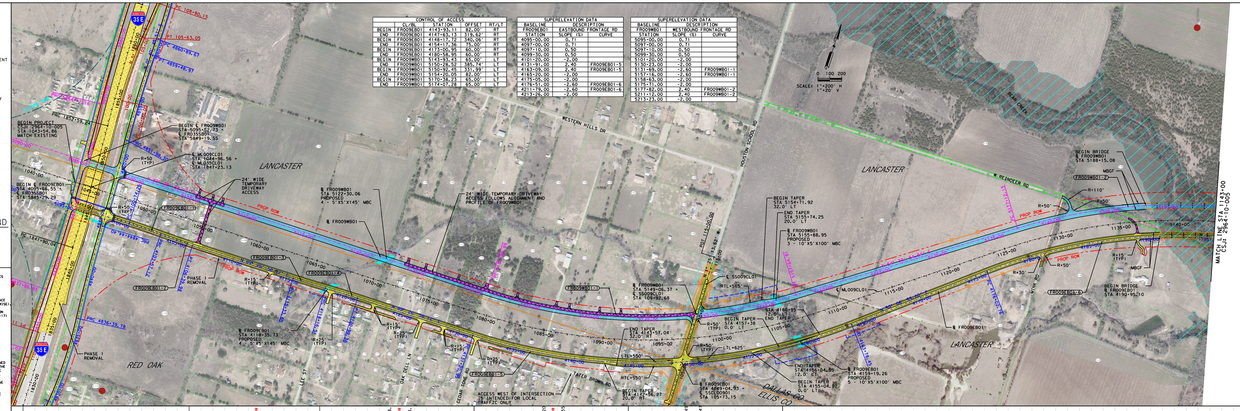
PHASED CONSTRUCTION APPROACH

PHASE 1: CONSTRUCT ONE (NEW-WAY) FRONTAGE ROAD AND ASSUME TEMPORARY TRAFFIC CONFIGURATION ON ALL OF THE EXISTING LANES.

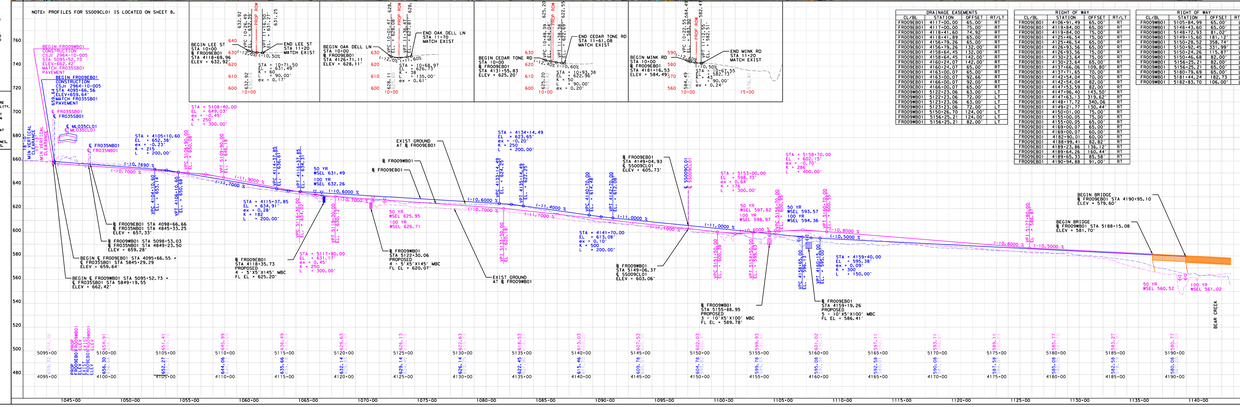
PHASE 2: CONSTRUCT THE OPPOSITE FRONTAGE ROAD AND ASSUME THE EXISTING FRONTAGE ROAD'S TRAFFIC DIRECTION TO ONE WAY.

PHASE 3: FUTURE: CONSTRUCT ENDLESS GRADE SEPARATIONS AT INTERSECTIONS WITH CROSS STREETS.

PHASE 4: ULTIMATE: FUTURE: CONSTRUCT CONTINUOUS MAINLANES, RAMPS AND DIRECT CONNECTORS IN BOTH DIRECTIONS.



NOTE: PROFILES FOR SS000LO1 IS LOCATED ON SHEET 8.



CONTROL OF ACCESS			
CL/DL	STATION	OFFSET	RT/LT
BEGIN	FROONEBO1	4142+00	-24.00	RT
END	FROONEBO1	4149+00	-24.00	RT
BEGIN	FROONEBO1	4155+00	-24.00	RT
END	FROONEBO1	4190+95.10	-24.00	RT
BEGIN	FROONEBO1	4190+95.10	-24.00	RT
END	FROONEBO1	4199+75.12	-24.00	RT
BEGIN	FROONEBO1	5114+75.00	-24.00	RT
END	FROONEBO1	5118+75.00	-24.00	RT
BEGIN	FROONEBO1	5118+75.00	-24.00	RT
END	FROONEBO1	5121+75.00	-24.00	RT
BEGIN	FROONEBO1	5121+75.00	-24.00	RT
END	FROONEBO1	5124+75.00	-24.00	RT
BEGIN	FROONEBO1	5124+75.00	-24.00	RT
END	FROONEBO1	5127+75.00	-24.00	RT
BEGIN	FROONEBO1	5127+75.00	-24.00	RT
END	FROONEBO1	5130+75.00	-24.00	RT
BEGIN	FROONEBO1	5130+75.00	-24.00	RT
END	FROONEBO1	5133+75.00	-24.00	RT
BEGIN	FROONEBO1	5133+75.00	-24.00	RT
END	FROONEBO1	5136+75.00	-24.00	RT
BEGIN	FROONEBO1	5136+75.00	-24.00	RT
END	FROONEBO1	5139+75.00	-24.00	RT
BEGIN	FROONEBO1	5139+75.00	-24.00	RT
END	FROONEBO1	5142+75.00	-24.00	RT
BEGIN	FROONEBO1	5142+75.00	-24.00	RT
END	FROONEBO1	5145+75.00	-24.00	RT
BEGIN	FROONEBO1	5145+75.00	-24.00	RT
END	FROONEBO1	5148+75.00	-24.00	RT
BEGIN	FROONEBO1	5148+75.00	-24.00	RT
END	FROONEBO1	5151+75.00	-24.00	RT
BEGIN	FROONEBO1	5151+75.00	-24.00	RT
END	FROONEBO1	5154+75.00	-24.00	RT
BEGIN	FROONEBO1	5154+75.00	-24.00	RT
END	FROONEBO1	5157+75.00	-24.00	RT
BEGIN	FROONEBO1	5157+75.00	-24.00	RT
END	FROONEBO1	5160+75.00	-24.00	RT

SUPERELEVATION DATA		
ROADWAY	STATION	OFFSET
CL/DL		
BEGIN	FROONEBO1	4142+00
END	FROONEBO1	4149+00
BEGIN	FROONEBO1	4155+00
END	FROONEBO1	4190+95.10
BEGIN	FROONEBO1	4190+95.10
END	FROONEBO1	4199+75.12
BEGIN	FROONEBO1	5114+75.00
END	FROONEBO1	5118+75.00
BEGIN	FROONEBO1	5118+75.00
END	FROONEBO1	5121+75.00
BEGIN	FROONEBO1	5121+75.00
END	FROONEBO1	5124+75.00
BEGIN	FROONEBO1	5124+75.00
END	FROONEBO1	5127+75.00
BEGIN	FROONEBO1	5127+75.00
END	FROONEBO1	5130+75.00
BEGIN	FROONEBO1	5130+75.00
END	FROONEBO1	5133+75.00
BEGIN	FROONEBO1	5133+75.00
END	FROONEBO1	5136+75.00
BEGIN	FROONEBO1	5136+75.00
END	FROONEBO1	5139+75.00
BEGIN	FROONEBO1	5139+75.00
END	FROONEBO1	5142+75.00
BEGIN	FROONEBO1	5142+75.00
END	FROONEBO1	5145+75.00
BEGIN	FROONEBO1	5145+75.00
END	FROONEBO1	5148+75.00
BEGIN	FROONEBO1	5148+75.00
END	FROONEBO1	5151+75.00
BEGIN	FROONEBO1	5151+75.00
END	FROONEBO1	5154+75.00
BEGIN	FROONEBO1	5154+75.00
END	FROONEBO1	5157+75.00
BEGIN	FROONEBO1	5157+75.00
END	FROONEBO1	5160+75.00

SUPERELEVATION DATA		
ROADWAY	STATION	OFFSET
CL/DL		
BEGIN	FROONEBO1	4142+00
END	FROONEBO1	4149+00
BEGIN	FROONEBO1	4155+00
END	FROONEBO1	4190+95.10
BEGIN	FROONEBO1	4190+95.10
END	FROONEBO1	4199+75.12
BEGIN	FROONEBO1	5114+75.00
END	FROONEBO1	5118+75.00
BEGIN	FROONEBO1	5118+75.00
END	FROONEBO1	5121+75.00
BEGIN	FROONEBO1	5121+75.00
END	FROONEBO1	5124+75.00
BEGIN	FROONEBO1	5124+75.00
END	FROONEBO1	5127+75.00
BEGIN	FROONEBO1	5127+75.00
END	FROONEBO1	5130+75.00
BEGIN	FROONEBO1	5130+75.00
END	FROONEBO1	5133+75.00
BEGIN	FROONEBO1	5133+75.00
END	FROONEBO1	5136+75.00
BEGIN	FROONEBO1	5136+75.00
END	FROONEBO1	5139+75.00
BEGIN	FROONEBO1	5139+75.00
END	FROONEBO1	5142+75.00
BEGIN	FROONEBO1	5142+75.00
END	FROONEBO1	5145+75.00
BEGIN	FROONEBO1	5145+75.00
END	FROONEBO1	5148+75.00
BEGIN	FROONEBO1	5148+75.00
END	FROONEBO1	5151+75.00
BEGIN	FROONEBO1	5151+75.00
END	FROONEBO1	5154+75.00
BEGIN	FROONEBO1	5154+75.00
END	FROONEBO1	5157+75.00
BEGIN	FROONEBO1	5157+75.00
END	FROONEBO1	5160+75.00

DRAINAGE EASEMENTS			
CL/DL	STATION	OFFSET	RT/LT
FROONEBO1	4114+44.00	50.00	RT
FROONEBO1	4114+44.00	50.00	RT
FROONEBO1	4114+44.00	50.00	R