Texas Department of Transportation

Dallas District Design Schematic

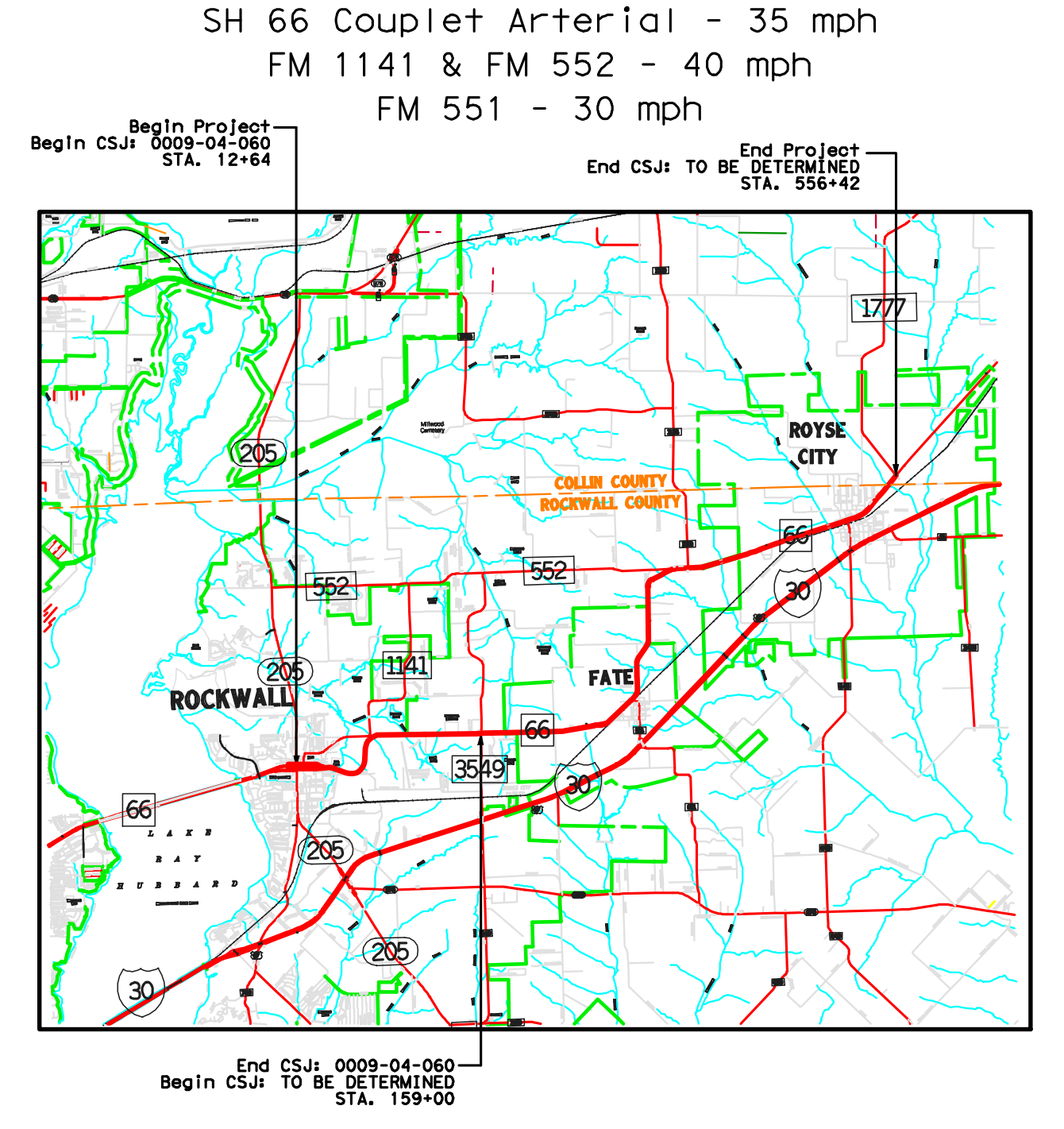
William L. Hale, P.E., District Engineer

SH 66

Rockwall & Collin County
From: SH 205
To: FM 1777
Project Length: 10.24 Miles
Functional Class:
Urban Principal Arterial

CSJ's: 0009-04-060, etc.

Design Speed:
SH 66 Six-Lane Divided Arterial - 45 mph
SH 66 Four-Lane Divided Arterial - 40 mph
SH 66 Couplet Arterial - 35 mph
FM 1141 & FM 552 - 40 mph
FM 551 - 30 mph


Begin Project
Begin CSJ: 0009-04-060
STA. 12+64
End Project
End CSJ: TO BE DETERMINED
STA. 556+42
1777
205
ROYSE CITY
COLLIN COUNTY
ROCKWALL COUNTY
552
66
30
1141
ROCKWALL
FATE
3549
205
End CSJ: 0009-04-060
Begin CSJ: TO BE DETERMINED
STA. 159+00

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

JANUARY 2013
Roll 1 of 5

SCHEMATIC PREPARED BY:
HALFF ASSOCIATES, INC.
REGISTRATION NUMBER 312
FOR INTERIM REVIEW ONLY
NOT FOR PERMITTING, BIDDING
OR CONSTRUCTION.
Prepared by or under the
Direct Supervision of:

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1-25-2013
DATE

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LEGEND

- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- EXISTING EASEMENT
- PROPOSED DRAINAGE EASEMENT
- PROPOSED POTENTIAL DISPLACEMENTS
- EXISTING SH 66 CENTERLINE ALIGNMENT
- PROPOSED CENTERLINE/BASELINE
- PROPOSED PAVEMENT
- PROPOSED FACE OF CURB
- PROPOSED RETAINING WALL
- EXISTING CULVERT
- PROPOSED CULVERT
- PROPOSED BRIDGE
- PROPOSED SIDEWALK
- (L1) PROPOSED TURN BAY LABEL
- PAVEMENT TO BE REMOVED
- EXISTING 5' CONTOUR
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING TRANSMISSION LINE
- EXISTING TRANSMISSION LINE TOWER
- 100 YR FEMA FLOODPLAIN LIMITS
- RIVERS & CREEKS CENTERLINE (APPROXIMATE)
- EXISTING WETLANDS (PRELIMINARY)
- EXISTING PARK
- EXISTING HISTORICAL MARKER
- EXISTING NRHP SITE
- POTENTIAL HISTORIC PROPERTY (SEE NOTE 12)

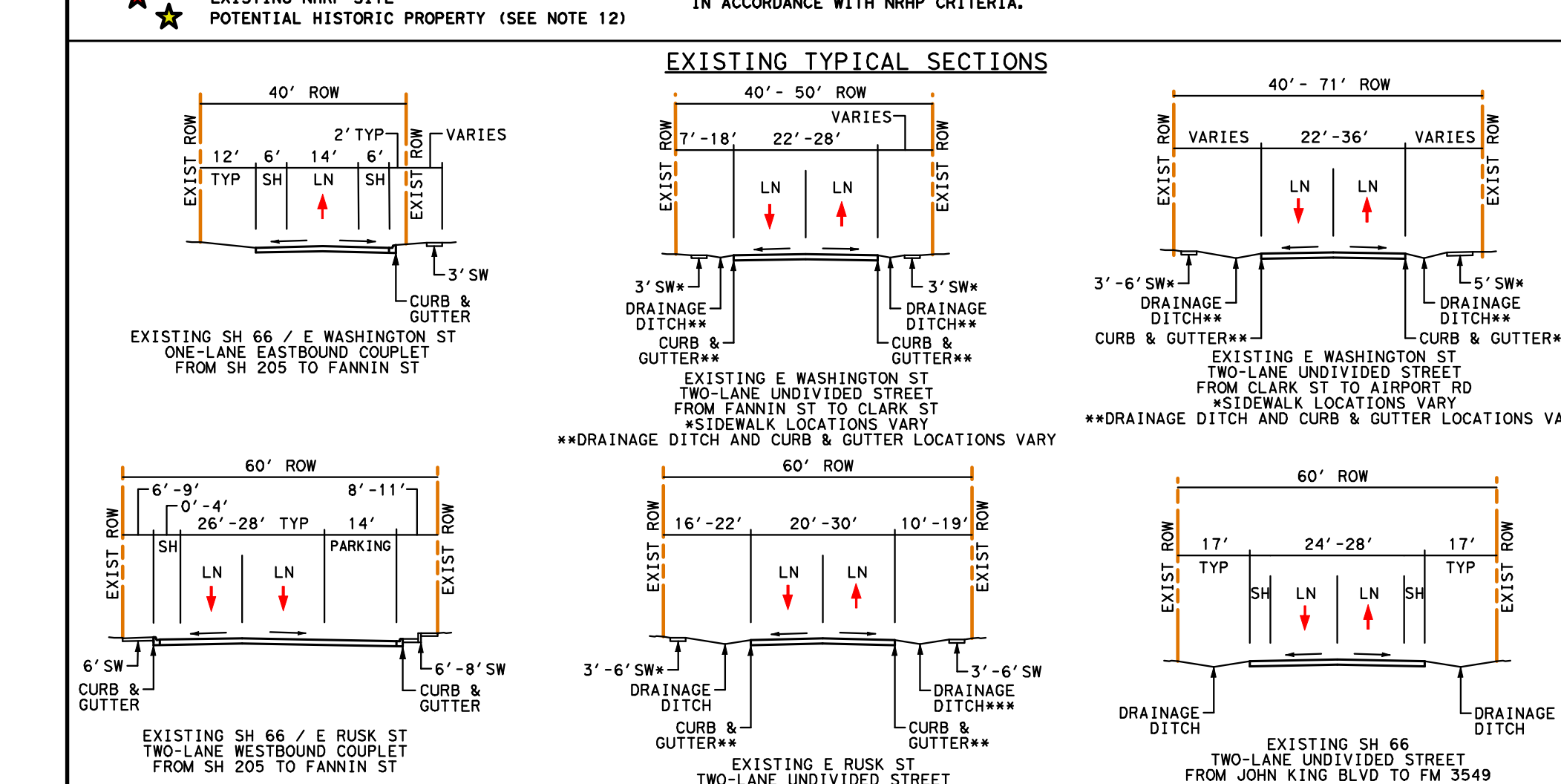
NOTES

1. SCHEMATICS ARE BASED ON AERIAL SURVEYS DATED MAY 2004 AND RECORD PLANS. AERIAL SURVEYS BETWEEN CLARK STREET AND JOHN KING BLVD (ROCKWALL) AND ALONG CHURCH STREET (ROYSE CITY) WERE FLOWN DECEMBER 2011.
2. TRAFFIC VOLUMES APPROVED BY TP&P ON NOVEMBER 3, 2010.
3. SIDEWALK LOCATIONS DEPICTED IN PLAN VIEW AND TYPICAL SECTIONS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL LOCATIONS TO BE DETERMINED DURING PS&E DEVELOPMENT.
4. BUILDINGS ARE SHOWN AS POTENTIAL DISPLACEMENTS IF THE PROPOSED ROW PHYSICALLY INTERSECTS THE EXISTING STRUCTURE.
5. UNLESS OTHERWISE NOTED EXISTING PAVEMENT AND STRUCTURES WITHIN LIMITS OF PROPOSED RECONSTRUCTION WILL BE REMOVED.
6. PROPOSED SH 66 UTILIZES TYPE II CURBS AND GUTTERS.
7. DIMENSIONS ARE TO FACE OF CURB, FACE OF RAIL/BARRIER, OR TO THE EDGE OF UNCURBED PAVEMENT (UNLESS NOTED OTHERWISE).
8. PROPOSED CROSS STREET SECTIONS ARE BASED ON CITY THOROUGHFARE PLANS OR CITY GUIDANCE.
9. APPROXIMATE 100 YEAR FLOODPLAIN LIMITS ARE BASED UPON FEMA FLOOD INSURANCE RATE MAPS.
10. MEDIAN OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL MEDIAN OPENING LOCATIONS TO BE DETERMINED DURING PS&E AND IN COORDINATION WITH THE LOCAL GOVERNMENT.
11. EXISTING UTILITIES THAT WOULD BE LOCATED WITHIN TXDOT'S PROPOSED ROW FOOTPRINT ARE SUBJECT TO TXDOT'S UTILITY ACCOMMODATION RULES AND MAY NEED TO BE RELOCATED. EXISTING UTILITY LOCATIONS SHOWN ON THE SCHEMATIC ARE APPROXIMATE.
12. POTENTIALLY HISTORIC PROPERTIES WERE IDENTIFIED BY A FEBRUARY 2012 HISTORIC PROPERTY "WINDSHIELD SURVEY" REPORT IN ACCORDANCE WITH NRHP CRITERIA.

SCHEMATIC ROLL INDEX

ROLL 1: STA 10+00 TO 122+00
ROLL 2: STA 122+00 TO 237+00
ROLL 3: STA 237+00 TO 347+00
ROLL 4: STA 347+00 TO 459+00
ROLL 5: STA 459+00 TO 556+42

EXISTING TYPICAL SECTIONS


40' ROW
EXIST ROW
12' 6' 14' 6'
TYP SH LN SH
2' TYP
VARIES
3' SW
CURB & GUTTER
40' - 50' ROW
VARIES
7'-18' 22'-28'
LN LN
3' SW
DRAINAGE DITCH**
CURB & GUTTER**
40' - 71' ROW
VARIES 22'-36' VARIES
3'-6' SW
5' SW
60' ROW
6'-9'
0'-4'
26'-28' TYP
8'-11'
14'
PARKING
6' SW
6'-8' SW
16'-22' 20'-30' 10'-19'
3'-6' SW
3'-6' SW
17' 24'-28' 17'
TYP TYP
DRAINAGE DITCH

EXISTING SH 66 / E WASHINGTON ST
ONE-LANE EASTBOUND COUPLET
FROM SH 205 TO FANNIN ST

EXISTING E WASHINGTON ST
TWO-LANE UNDIVIDED STREET
FROM FANNIN ST TO CLARK ST
*SIDEWALK LOCATIONS VARY
**DRAINAGE DITCH AND CURB & GUTTER LOCATIONS VARY

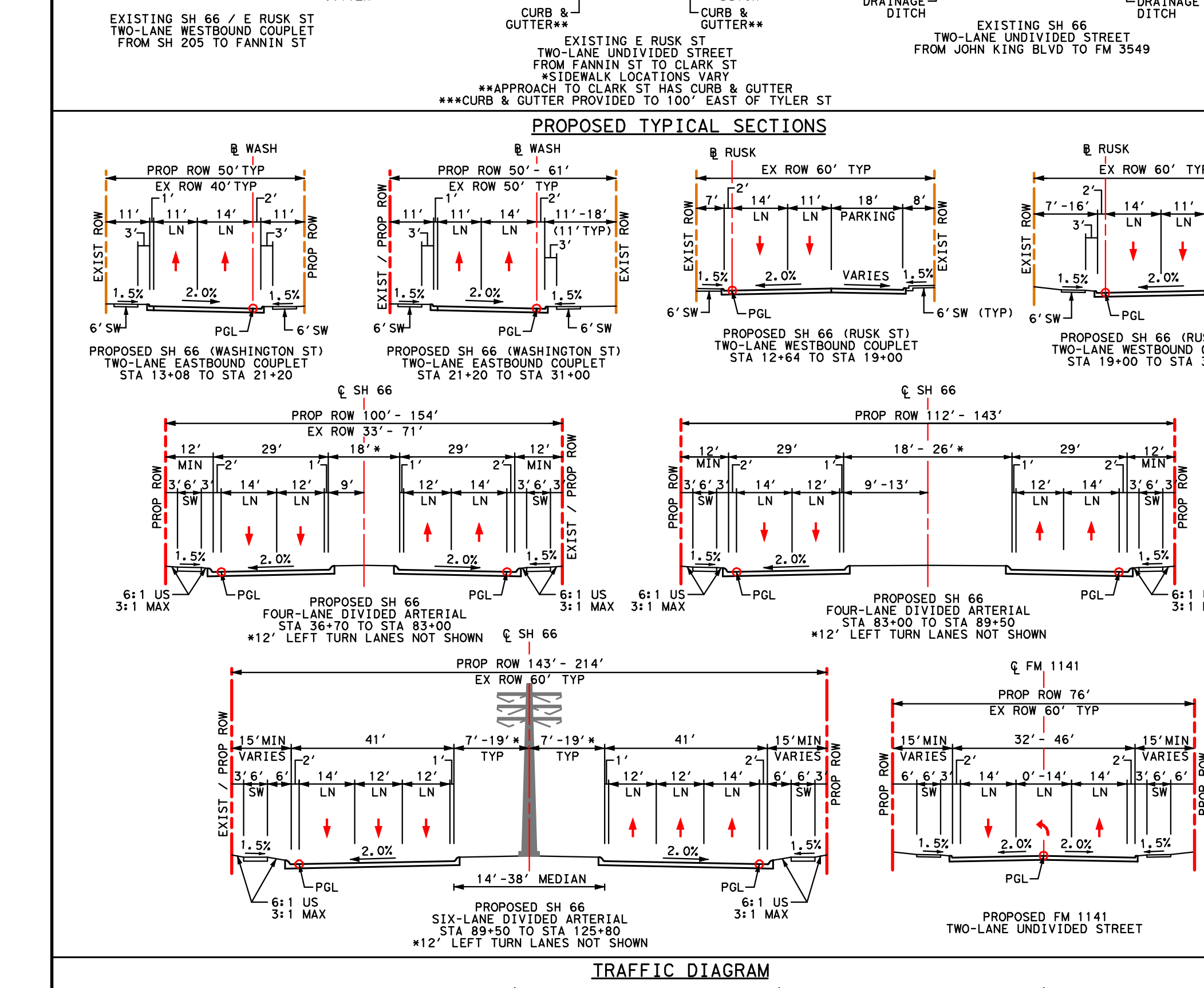
EXISTING E WASHINGTON ST
TWO-LANE UNDIVIDED STREET
FROM CLARK ST TO AIRPORT RD
*SIDEWALK LOCATIONS VARY
**DRAINAGE DITCH AND CURB & GUTTER LOCATIONS VARY

EXISTING SH 66 / E RUSK ST
TWO-LANE WESTBOUND COUPLET
FROM SH 205 TO FANNIN ST

EXISTING E RUSK ST
TWO-LANE UNDIVIDED STREET
FROM FANNIN ST TO CLARK ST
*SIDEWALK LOCATIONS VARY
**APPROACH TO CLARK ST HAS CURB & GUTTER
***CURB & GUTTER PROVIDED TO 100' EAST OF TYLER ST

EXISTING SH 66
TWO-LANE UNDIVIDED STREET
FROM JOHN KING BLVD TO FM 3549

PROPOSED TYPICAL SECTIONS


℄ WASH
PROP ROW 50' TYP
EX ROW 40' TYP
11' 11' 14' 11'
LN LN
1.5% 2.0% 1.5%
6' SW
PGL
PROP ROW 50' - 61'
EX ROW 50' TYP
11'-18'
(11' TYP)
℄ RUSK
EX ROW 60' TYP
7' 14' 11' 18' 8'
LN LN PARKING
VARIES
6' SW (TYP)
7'-16' 14' 11' 16'-25'
℄ SH 66
PROP ROW 100' - 154'
EX ROW 33' - 71'
12' 29' 18' 29' 12'
MIN MIN
3'6' 3' SW
LN LN
6:1 US
3:1 MAX
PROP ROW 112' - 143'
18' - 26'
9'-13'
PROP ROW 143' - 214'
EX ROW 60' TYP
15'MIN VARIES 41' 7'-19' 7'-19' 41' 15'MIN VARIES
14'-38' MEDIAN
℄ FM 1141
PROP ROW 76'
EX ROW 60' TYP
15'MIN VARIES 32' - 46'
2.0% 2.0%

PROPOSED SH 66 (WASHINGTON ST)
TWO-LANE EASTBOUND COUPLET
STA 13+08 TO STA 21+20

PROPOSED SH 66 (WASHINGTON ST)
TWO-LANE EASTBOUND COUPLET
STA 21+20 TO STA 31+00

PROPOSED SH 66 (RUSK ST)
TWO-LANE WESTBOUND COUPLET
STA 12+64 TO STA 19+00

PROPOSED SH 66 (RUSK ST)
TWO-LANE WESTBOUND COUPLET
STA 19+00 TO STA 30+50

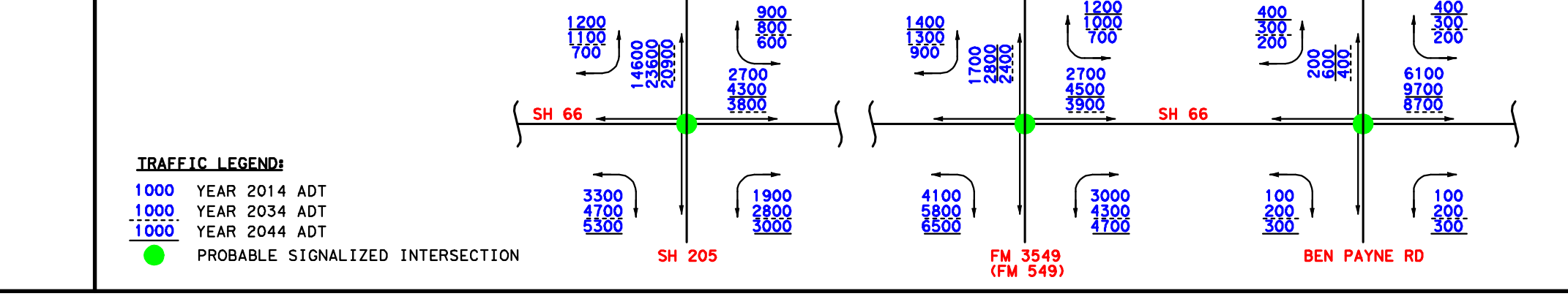
PROPOSED SH 66
FOUR-LANE DIVIDED ARTERIAL
STA 36+70 TO STA 83+00
*12' LEFT TURN LANES NOT SHOWN

PROPOSED SH 66
FOUR-LANE DIVIDED ARTERIAL
STA 83+00 TO STA 89+50
*12' LEFT TURN LANES NOT SHOWN

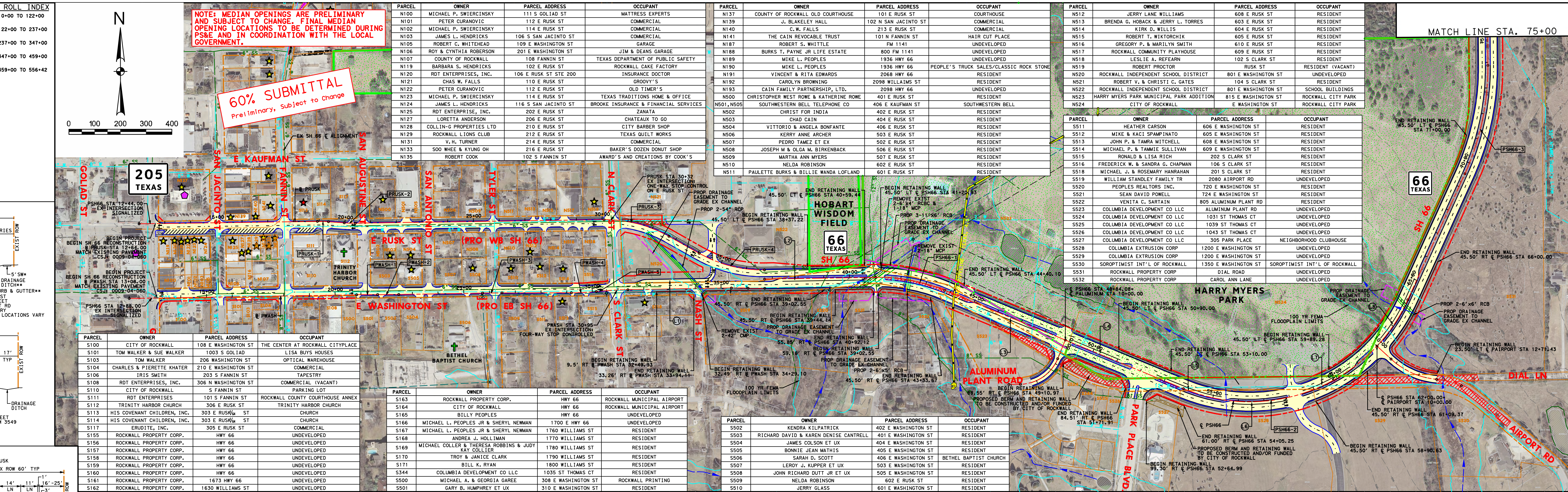
PROPOSED SH 66
SIX-LANE DIVIDED ARTERIAL
STA 89+50 TO STA 125+80
*12' LEFT TURN LANES NOT SHOWN

PROPOSED FM 1141
TWO-LANE UNDIVIDED STREET

TRAFFIC DIAGRAM


1200 1000 700
14600 22500 30900
1100 700
900 800 600
2700 4300 5800
3300 4700 5300
1900 2800 3000
SH 66
SH 205
1400 1300 900
17000 24700 34800
1200 1000 700
2700 4500 5900
4100 5800 6500
3000 4300 4700
FM 3549 (FM 549)
400 300 200
6100 9700 6700
100 200 300
BEN PAYNE RD

TRAFFIC LEGEND:
1000 YEAR 2014 ADT
1000 YEAR 2034 ADT
1000 YEAR 2044 ADT
● PROBABLE SIGNALIZED INTERSECTION


NOTE: MEDIAN OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL MEDIAN OPENING LOCATIONS TO BE DETERMINED DURING PS&E AND IN COORDINATION WITH THE LOCAL GOVERNMENT.
60% SUBMITTAL
Preliminary, Subject to Change
N
0 100 200 300 400
205 TEXAS
GOLIAD ST
SAN JACINTO ST
E KAUFMAN ST
FANNIN ST
SAN AUGUSTINE ST
SAN ANTONIO ST
TYLER ST
N CLARK ST
E RUSK ST
(PRO WB SH 66)
E WASHINGTON ST
(PRO EB SH 66)
S CLARK ST
NASH ST
TRINITY HARBOR CHURCH
BETHEL BAPTIST CHURCH
HOBART WISDOM FIELD
66 TEXAS
SH 66
HARRY MYERS PARK
ALUMINUM PLANT ROAD
PARK PLACE BLVD
AIRPORT RD
DIAL LN
MATCH LINE STA. 75+00
PSH66 STA 12+44.00 EX INTERSECTION SIGNALIZED
BEGIN PROJECT BEGIN SH 66 RECONSTRUCTION @ PRUSK STA 12+64.00 MATCH EXISTING PAVEMENT CSJ: 0009-04-060
BEGIN PROJECT BEGIN SH 66 RECONSTRUCTION @ PWASH STA 13+08.00 MATCH EXISTING PAVEMENT CSJ: 0009-04-060
PSH66 STA 12+88.00 EX INTERSECTION SIGNALIZED
PRUSK STA 30+32 EX INTERSECTION: ONE-WAY STOP CONTROL ON E RUSK ST
PWASH STA 30+95 EX INTERSECTION: FOUR-WAY STOP CONTROLLED
BEGIN RETAINING WALL 9.5' RT @ PWASH STA 32+49.93
END RETAINING WALL 33.26' RT @ PWASH STA 33+94.11
100 YR FEMA FLOODPLAIN LIMITS
PROPOSED BERM AND RETAINING WALL TO BE CONSTRUCTED AND/OR FUNDED BY CITY OF ROCKWALL

PARCEL	OWNER	PARCEL ADDRESS	OCCUPANT
N100	MICHAEL P. SWIERCINSKY	111 S GOLIAD ST	MATTRESS EXPERTS
N101	PETER CURANOVIC	112 E RUSK ST	COMMERCIAL
N102	MICHAEL P. SWIERCINSKY	114 E RUSK ST	COMMERCIAL
N103	JAMES L. HENDRICKS	106 S SAN JACINTO ST	COMMERCIAL
N105	ROBERT C. WHITEHEAD	109 E WASHINGTON ST	GARAGE
N106	ROY & CYNTHIA ROBERSON	201 E WASHINGTON ST	JIM & DEANS GARAGE
N107	COUNTY OF ROCKWALL	108 FANNIN ST	TEXAS DEPARTMENT OF PUBLIC SAFETY
N119	BARBARA S. HENDRICKS	102 E RUSK ST	ROCKWALL CAKE FACTORY
N120	RDT ENTERPRISES, INC.	106 E RUSK ST STE 200	INSURANCE DOCTOR
N121	CHAS W. FALLS	110 E RUSK ST	GROOVY'S
N122	PETER CURANOVIC	112 E RUSK ST	OLD TIMER'S
N123	MICHAEL P. SWIERCINSKY	114 E RUSK ST	TEXAS TRADITIONS HOME & OFFICE
N124	JAMES L. HENDRICKS	116 S SAN JACINTO ST	BROOKE INSURANCE & FINANCIAL SERVICES
N125	RDT ENTERPRISE, INC.	202 E RUSK ST	ZANATA
N127	LORETTA ANDERSON	206 E RUSK ST	CHATEAUX TO GO
N128	COLLIN-G PROPERTIES LTD	210 E RUSK ST	CITY BARBER SHOP
N129	ROCKWALL LIONS CLUB	212 E RUSK ST	TEXAS QUILT WORKS
N131	V.H. TURNER	214 E RUSK ST	COMMERCIAL
N133	SOO WHEE & KYUNG OH	216 E RUSK ST	BAKER'S DOZEN DONUT SHOP
N135	ROBERT COOK	102 S FANNIN ST	AWARD'S AND CREATIONS BY COOK'S

PARCEL	OWNER	PARCEL ADDRESS	OCCUPANT
N137	COUNTY OF ROCKWALL OLD COURTHOUSE	101 E RUSK ST	COURTHOUSE
N139	J. BLAKELEY HALL	102 N SAN JACINTO ST	COMMERCIAL
N140	C.W. FALLS	213 E RUSK ST	COMMERCIAL
N141	THE CAIN REVOCABLE TRUST	101 N FANNIN ST	HAIR CUT PLACE
N187	ROBERT S. WHITTLE	FM 1141	UNDEVELOPED
N188	BURKS T. PAYNE JR LIFE ESTATE	800 FM 1141	UNDEVELOPED
N189	MIKE L. PEOPLES	1936 HWY 66	UNDEVELOPED
N190	MIKE L. PEOPLES	1936 HWY 66	PEOPLE'S TRUCK SALES/CLASSIC ROCK STONE
N191	VINCENT & RITA EDWARDS	2068 HWY 66	RESIDENT
N192	CAROLYN BROWNING	2098 WILLIAMS ST	RESIDENT
N193	CAIN FAMILY PARTNERSHIP, LTD.	2098 HWY 66	UNDEVELOPED
N500	CHRISTOPHER WEST ROWE & KATHERINE ROWE	401 E RUSK ST	RESIDENT
N501,N505	SOUTHWESTERN BELL TELEPHONE CO	406 E KAUFMAN ST	SOUTHWESTERN BELL
N502	CHRIST FOR INDIA	402 E RUSK ST	RESIDENT
N503	CHAD CAIN	404 E RUSK ST	RESIDENT
N504	VITTORIO & ANGELA BONFANTE	406 E RUSK ST	RESIDENT
N506	KERRY ANNE ARCHER	503 E RUSK ST	RESIDENT
N507	PEDRO TAMEZ ET EX	502 E RUSK ST	RESIDENT
N508	JOSEPH M & OLGA M. BIRKENBACK	506 E RUSK ST	RESIDENT
N509	MARTHA ANN MYERS	507 E RUSK ST	RESIDENT
N510	NELDA ROBINSON	508 E RUSK ST	RESIDENT
N511	PAULETTE BURKS & BILLIE WANDA LOFLAND	601 E RUSK ST	RESIDENT

PARCEL	OWNER	PARCEL ADDRESS	OCCUPANT
N512	JERRY LANE WILLIAMS	608 E RUSK ST	RESIDENT
N513	BRENDA G. HOBACK & JERRY L. TORRES	603 E RUSK ST	RESIDENT
N514	KIRK D. WILLIS	604 E RUSK ST	RESIDENT
N515	ROBERT T. WIKTORCHIK	605 E RUSK ST	RESIDENT
N516	GREGORY P. & MARILYN SMITH	610 E RUSK ST	RESIDENT
N517	ROCKWALL COMMUNITY PLAYHOUSE	609 E RUSK ST	RESIDENT
N518	LESLIE A. REFEARN	102 S CLARK ST	RESIDENT
N519	ROBERT PROCTOR	RUSK ST	RESIDENT (VACANT)
N520	ROCKWALL INDEPENDENT SCHOOL DISTRICT	801 E WASHINGTON ST	UNDEVELOPED
N521	ROBERT V. & CHRISTI C. GATES	104 S CLARK ST	RESIDENT
N522	ROCKWALL INDEPENDENT SCHOOL DISTRICT	801 E WASHINGTON ST	SCHOOL BUILDINGS
N523	HARRY MYERS PARK MUNICIPAL PARK ADDITION	815 E WASHINGTON ST	ROCKWALL CITY PARK
N524	CITY OF ROCKWALL	E WASHINGTON ST	ROCKWALL CITY PARK

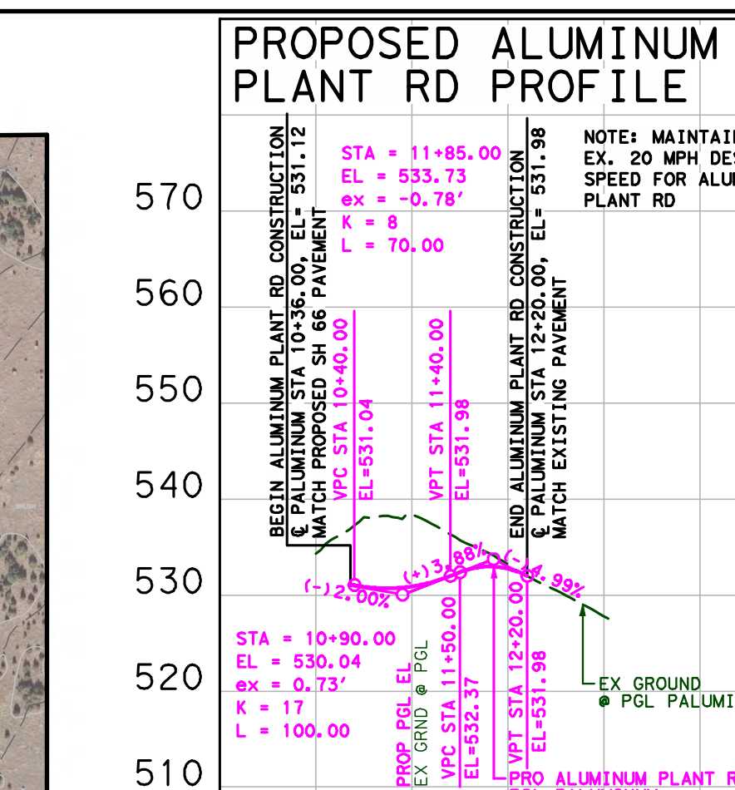
PARCEL	OWNER	PARCEL ADDRESS	OCCUPANT
S511	HEATHER CARSON	606 E WASHINGTON ST	RESIDENT
S512	MIKE & KACI SPAMPINATO	605 E WASHINGTON ST	RESIDENT
S513	JOHN P. & TAMRA MITCHELL	608 E WASHINGTON ST	RESIDENT
S514	MICHAEL P. & TAMMIE SULLIVAN	609 E WASHINGTON ST	RESIDENT
S515	RONALD & LISA RICH	202 S CLARK ST	RESIDENT
S516	FREDERICK W. & SANDRA G. CHAPMAN	106 S CLARK ST	RESIDENT
S517	MICHAEL J. & ROSEMARY HANRAHAN	201 S CLARK ST	RESIDENT
S519	WILLIAM STANDLEY FAMILY TR	2080 AIRPORT RD	UNDEVELOPED
S520	PEOPLES REALTORS INC.	720 E WASHINGTON ST	RESIDENT
S521	SEAN DAVID POWELL	724 E WASHINGTON ST	RESIDENT
S522	VENITA C. SARTAIN	805 ALUMINUM PLANT RD	RESIDENT
S523	COLUMBIA DEVELOPMENT CO LLC	ALUMINUM PLANT RD	UNDEVELOPED
S524	COLUMBIA DEVELOPMENT CO LLC	1031 ST THOMAS CT	UNDEVELOPED
S525	COLUMBIA DEVELOPMENT CO LLC	1039 ST THOMAS CT	UNDEVELOPED
S526	COLUMBIA DEVELOPMENT CO LLC	1043 ST THOMAS CT	UNDEVELOPED
S527	COLUMBIA DEVELOPMENT CO LLC	305 PARK PLACE	NEIGHBORHOOD CLUBHOUSE
S528	COLUMBIA EXTRUSION CORP	1200 E WASHINGTON ST	UNDEVELOPED
S529	COLUMBIA EXTRUSION CORP	1200 E WASHINGTON ST	UNDEVELOPED
S530	SOROPTIMIST INT'L OF ROCKWALL	1350 E WASHINGTON ST	SOROPTIMIST INT'L OF ROCKWALL
S531	ROCKWALL PROPERTY CORP	DIAL ROAD	UNDEVELOPED
S532	ROCKWALL PROPERTY CORP	CAROL ANN LANE	UNDEVELOPED

PARCEL	OWNER	PARCEL ADDRESS	OCCUPANT
S100	CITY OF ROCKWALL	108 E WASHINGTON ST	THE CENTER AT ROCKWALL CITYPLACE
S101	TOM WALKER & SUE WALKER	1003 S GOLIAD	LISA BUYS HOUSES
S103	TOM WALKER	206 WASHINGTON ST	OPTICAL WAREHOUSE
S104	CHARLES & PIERETTE KHATER	210 E WASHINGTON ST	COMMERCIAL
S106	IRIS SMITH	203 S FANNIN ST	TAPESTRY
S108	RDT ENTERPRISES, INC.	306 N WASHINGTON ST	COMMERCIAL (VACANT)
S110	CITY OF ROCKWALL	S FANNIN ST	PARKING LOT
S111	RDT ENTERPRISES	101 S FANNIN ST	ROCKWALL COUNTY COURTHOUSE ANNEX
S112	TRINITY HARBOR CHURCH	306 E RUSK ST	TRINITY HARBOR CHURCH
S113	HIS COVENANT CHILDREN, INC.	303 E RUSK ST	CHURCH
S114	HIS COVENANT CHILDREN, INC.	303 E RUSK ST	CHURCH
S117	ERUDITE, INC.	305 E RUSK ST	COMMERCIAL
S155	ROCKWALL PROPERTY CORP.	HWY 66	UNDEVELOPED
S156	ROCKWALL PROPERTY CORP.	HWY 66	UNDEVELOPED
S157	ROCKWALL PROPERTY CORP.	HWY 66	UNDEVELOPED
S158	ROCKWALL PROPERTY CORP.	HWY 66	UNDEVELOPED
S159	ROCKWALL PROPERTY CORP.	HWY 66	UNDEVELOPED
S160	ROCKWALL PROPERTY CORP.	HWY 66	UNDEVELOPED
S161	ROCKWALL PROPERTY CORP.	1673 HWY 66	UNDEVELOPED
S162	ROCKWALL PROPERTY CORP.	1630 WILLIAMS ST	UNDEVELOPED

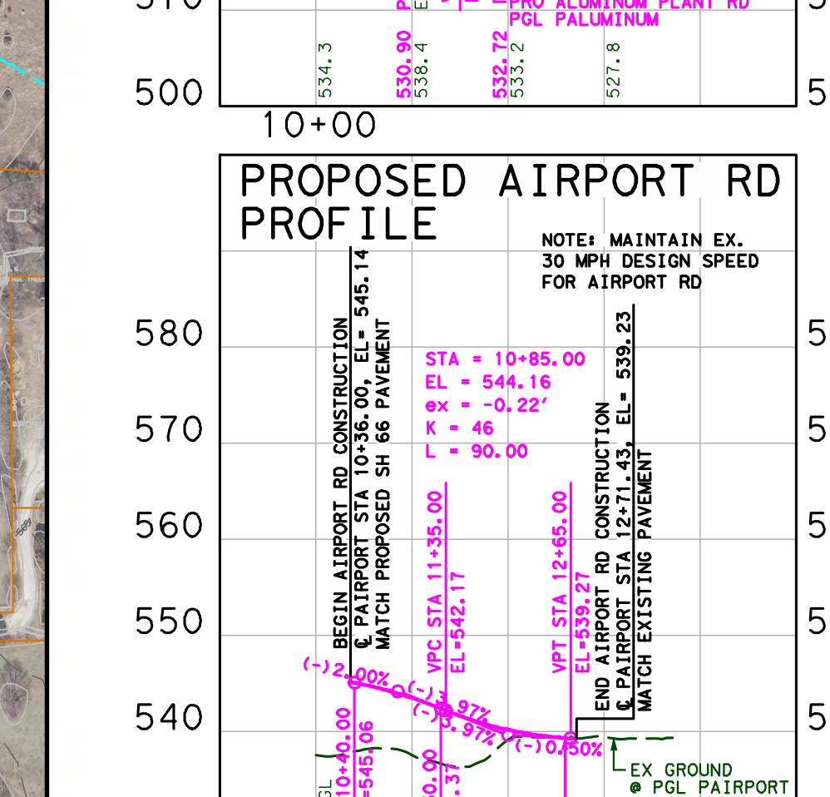
PARCEL	OWNER	PARCEL ADDRESS	OCCUPANT
S163	ROCKWALL PROPERTY CORP.	HWY 66	ROCKWALL MUNICIPAL AIRPORT
S164	CITY OF ROCKWALL	HWY 66	ROCKWALL MUNICIPAL AIRPORT
S165	BILLY PEOPLES	HWY 66	UNDEVELOPED
S166	MICHAEL L. PEOPLES JR & SHERYL NEWMAN	1700 E HWY 66	UNDEVELOPED
S167	MICHAEL L. PEOPLES JR & SHERYL NEWMAN	1760 WILLIAMS ST	RESIDENT
S168	ANDREA J. HOLLIMAN	1770 WILLIAMS ST	RESIDENT
S169	MICHAEL COLLER & THERESA ROBBINS & JUDY KAY COLLIER	1780 WILLIAMS ST	RESIDENT
S170	TROY & JANICE CLARK	1790 WILLIAMS ST	RESIDENT
S171	BILL K. RYAN	1800 WILLIAMS ST	RESIDENT
S344	COLUMBIA DEVELOPMENT CO LLC	1035 ST THOMAS CT	RESIDENT
S500	MICHAEL A. & GEORGIA GAREE	308 E WASHINGTON ST	ROCKWALL PRINTING
S501	GARY B. HUMPHREY ET UX	310 E WASHINGTON ST	RESIDENT

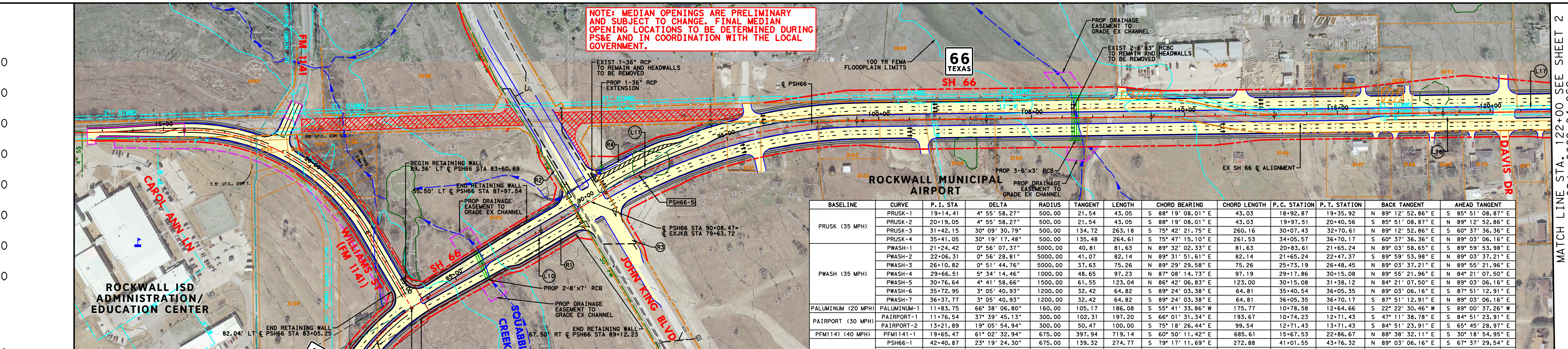
PARCEL	OWNER	PARCEL ADDRESS	OCCUPANT
S502	KENDRA KILPATRICK	402 E WASHINGTON ST	RESIDENT
S503	RICHARD DAVID & KAREN DENISE CANTRELL	401 E WASHINGTON ST	RESIDENT
S504	JAMES COLSON ET UX	404 E WASHINGTON ST	RESIDENT
S505	BONNIE JEAN MATHIS	405 E WASHINGTON ST	RESIDENT
S506	SARAH D. SCOTT	406 E WASHINGTON ST	BETHEL BAPTIST CHURCH
S507	LEROY J. KUPPER ET UX	503 E WASHINGTON ST	RESIDENT
S508	JOHN RICHARD DUTT JR ET UX	505 E WASHINGTON ST	RESIDENT
S509	NELDA ROBINSON	602 E RUSK ST	RESIDENT
S510	JERRY GLASS	601 E WASHINGTON ST	RESIDENT

PROPOSED ALUMINUM PLANT RD PROFILE



PROPOSED AIRPORT RD PROFILE

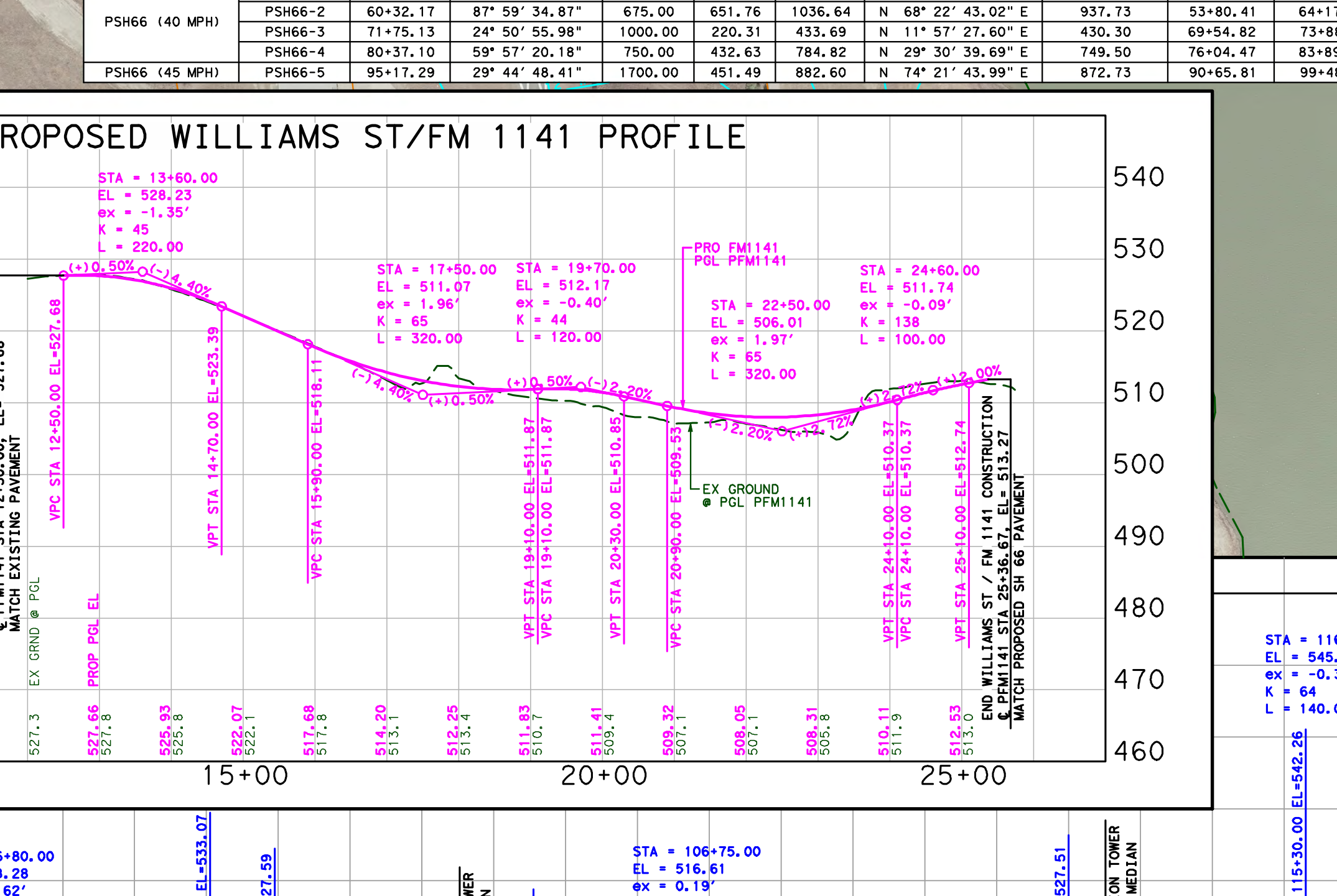



MATCH LINE STA. 75+00
NOTE: MEDIAN OPENINGS ARE PRELIMINARY AND SUBJECT TO CHANGE. FINAL MEDIAN OPENING LOCATIONS TO BE DETERMINED DURING PS&E AND IN COORDINATION WITH THE LOCAL GOVERNMENT.
60% SUBMITTAL
Preliminary, Subject to Change
FM 1141
CAROL ANN LN
ROCKWALL ISD ADMINISTRATION/ EDUCATION CENTER
WILLIAMS ST (FM 1141)
SH 66
66 TEXAS
SQUABBLE CREEK
JOHN KING BLVD
ROCKWALL MUNICIPAL AIRPORT
DAVIS DR
100 YR FEMA FLOODPLAIN LIMITS
EXIST 1-36" RCP TO REMAIN AND HEADWALLS TO BE REMOVED
PROP 1-36" RCP EXTENSION
EXIST 2-6'x3' RCBC TO REMAIN AND HEADWALLS TO BE REMOVED
PROP 3-6'x3' RCB
PROP 2-8'x7' RCB
PROP DRAINAGE EASEMENT TO GRADE EX CHANNEL
EX SH 66 ℄ ALIGNMENT
℄ PSH66 STA 90+08.47= ℄ EXJKB STA 79+63.72
℄ PSH66 STA 83+26.40= ℄ PFM1141 STA 25+73.88
MATCH LINE STA. 122+00 SEE SHEET 2
CSJ: 0009-04-060

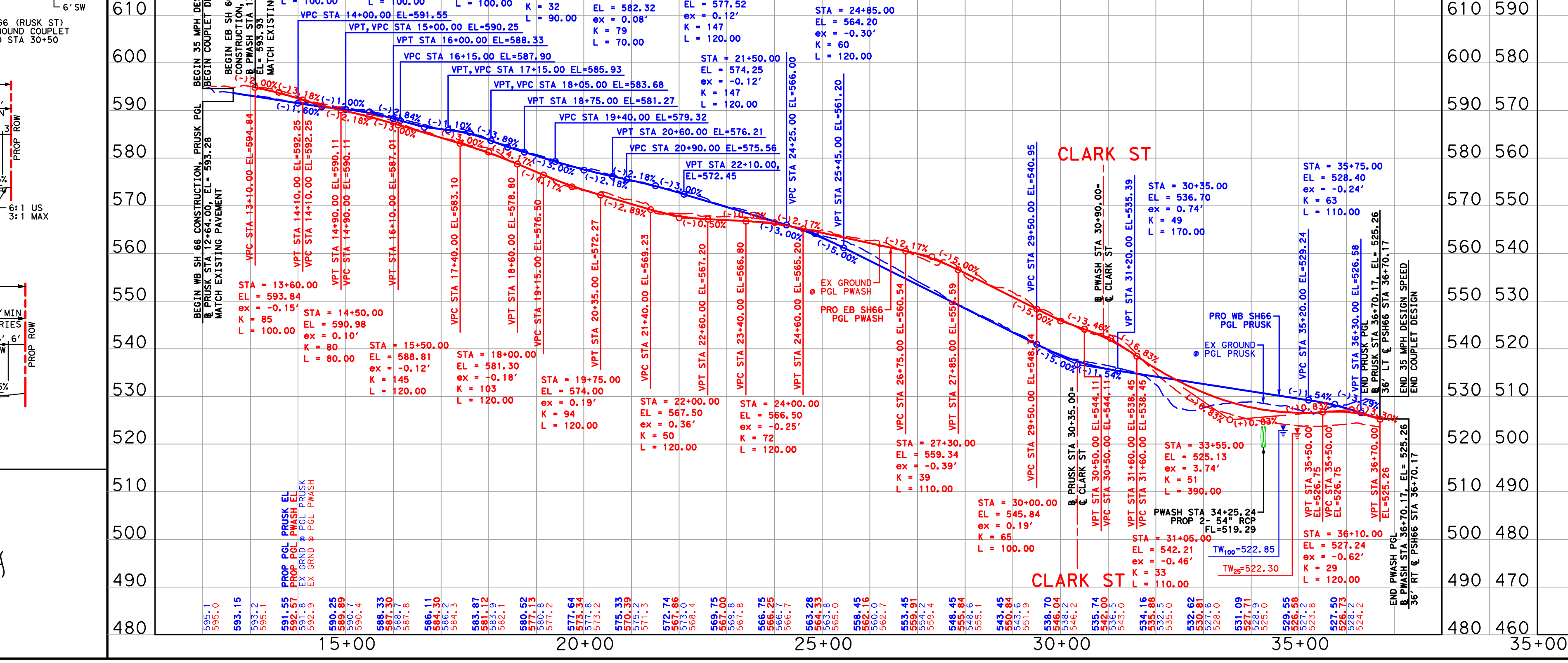
BASELINE	CURVE	P.I. STA	DELTA	RADIUS	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	P.C. STATION	P.T. STATION	BACK TANGENT	AHEAD TANGENT
PRUSK (35 MPH)	PRUSK-1	19+14.41	4° 55' 58.27"	500.00	21.54	43.05	S 88° 19' 08.01" E	43.03	18+92.87	19+35.92	N 89° 12' 52.86" E	S 85° 51' 08.87" E
	PRUSK-2	20+19.05	4° 55' 58.27"	500.00	21.54	43.05	S 88° 19' 08.01" E	43.03	19+97.51	20+40.56	S 85° 51' 08.87" E	N 89° 12' 52.86" E
	PRUSK-3	31+42.15	30° 09' 30.79"	500.00	134.72	263.18	S 75° 42' 21.75" E	260.16	30+07.43	32+70.61	N 89° 12' 52.86" E	S 60° 37' 36.36" E
	PRUSK-4	35+41.05	30° 19' 17.48"	500.00	135.48	264.61	S 75° 47' 15.10" E	261.53	34+05.57	36+70.17	S 60° 37' 36.36" E	N 89° 03' 06.16" E
PWASH (35 MPH)	PWASH-1	21+24.42	0° 56' 07.37"	5000.00	40.81	81.63	N 89° 32' 02.33" E	81.63	20+83.61	21+65.24	N 89° 59' 58.65" E	S 89° 59' 53.98" E
	PWASH-2	22+06.31	0° 56' 28.81"	5000.00	41.07	82.14	N 89° 31' 51.61" E	82.14	21+65.24	22+47.37	S 89° 59' 53.98" E	N 89° 03' 37.21" E
	PWASH-3	26+10.82	0° 51' 44.76"	5000.00	37.63	75.26	N 89° 29' 29.58" E	75.26	25+73.19	26+48.45	N 89° 03' 37.21" E	N 89° 55' 21.96" E
	PWASH-4	29+66.51	5° 34' 14.46"	1000.00	48.65	97.23	N 87° 08' 14.73" E	97.19	29+17.86	30+15.08	N 89° 55' 21.96" E	N 84° 21' 07.50" E
	PWASH-5	30+76.64	4° 41' 58.66"	1500.00	61.55	123.04	N 86° 42' 06.83" E	123.00	30+15.08	31+38.12	N 84° 21' 07.50" E	N 89° 03' 06.16" E
	PWASH-6	35+72.95	3° 05' 40.93"	1200.00	32.42	64.82	S 89° 24' 03.38" E	64.81	35+40.54	36+05.35	N 89° 03' 06.16" E	S 87° 51' 12.91" E
	PWASH-7	36+37.77	3° 05' 40.93"	1200.00	32.42	64.82	S 89° 24' 03.38" E	64.81	36+05.35	36+70.17	S 87° 51' 12.91" E	N 89° 03' 06.16" E
PALUMINUM (20 MPH)	PALUMINUM-1	11+83.75	66° 38' 06.80"	160.00	105.17	186.08	S 55° 41' 33.86" W	175.77	10+78.58	12+64.66	S 22° 22' 30.46" W	S 89° 00' 37.26" W
PAIRPORT (30 MPH)	PAIRPORT-1	11+76.54	37° 39' 45.13"	300.00	102.31	197.20	S 66° 01' 31.34" E	193.67	10+74.23	12+71.43	S 47° 11' 38.78" E	S 84° 51' 23.91" E
	PAIRPORT-2	13+21.89	19° 05' 54.94"	300.00	50.47	100.00	S 75° 18' 26.44" E	99.54	12+71.43	13+71.43	S 84° 51' 23.91" E	S 65° 45' 28.97" E
PFM1141 (40 MPH)	PFM1141-1	19+65.47	61° 02' 32.94"	675.00	397.94	719.14	S 60° 50' 11.42" E	685.61	15+67.53	22+86.67	N 88° 38' 32.11" E	S 30° 18' 54.95" E
PSH66 (40 MPH)	PSH66-1	42+40.87	23° 19' 24.30"	675.00	139.32	274.77	S 79° 17' 11.69" E	272.88	41+01.55	43+76.32	N 89° 03' 06.16" E	S 67° 37' 29.54" E
	PSH66-2	60+32.17	87° 59' 34.87"	675.00	651.76	1036.64	N 68° 22' 43.02" E	937.73	53+80.41	64+17.05	S 67° 37' 29.54" E	N 24° 22' 55.59" E
	PSH66-3	71+75.13	24° 50' 55.98"	1000.00	220.31	433.69	N 11° 57' 27.60" E	430.30	69+54.82	73+88.51	N 24° 22' 55.59" E	N 0° 28' 00.40" W
	PSH66-4	80+37.10	59° 57' 20.18"	750.00	432.63	784.82	N 29° 30' 39.69" E	749.50	76+04.47	83+89.29	N 0° 28' 00.40" W	N 59° 29' 19.78" E
PSH66 (45 MPH)	PSH66-5	95+17.29	29° 44' 48.41"	1700.00	451.49	882.60	N 74° 21' 43.99" E	872.73	90+65.81	99+48.41	N 59° 29' 19.78" E	N 89° 14' 08.19" E

TURN LANE	TAPER LENGTH	DECEL LENGTH	STORAGE LENGTH	TOTAL LENGTH
LEFT TURN BAY LENGTHS				
L1	50'	215'	120'	335'
L2	50'	275'	100'	375'
L3	50'	275'	100'	375'
L4	50'	145'	100'	245'
L5	50'	215'	100'	315'
L6	50'	160'	100'	260'
L7	50'	160'	100'	260'
L8	50'	215'	100'	315'
L9	50'	275'	100'	375'
L10	50'	275'	100'	375'
L11	100'	345'	100'	445'
L16	100'	345'	100'	445'
L17	100'	345'	100'	445'
RIGHT TURN BAY LENGTHS				
R1	50'	215'	100'	315'
R2	50'	115'	100'	215'
R3	50'	115'	100'	215'
R4	100'	240'	100'	340'

PROPOSED WILLIAMS ST/FM 1141 PROFILE



PROPOSED SH 66 PROFILE



PROPOSED SH 66 PROFILE

BEGIN 40 MPH DESIGN SPEED
BEGIN 4-LN DIVIDED DESIGN
ALUMINUM PLANT RD
AIRPORT RD
FM 1141
JOHN KING BLVD
END 40 MPH DESIGN SPEED
END 4-LN DIVIDED DESIGN
BEGIN 45 MPH DESIGN SPEED
BEGIN 6-LN DIVIDED DESIGN
PSH66 STA 40+99.24 PROP 3-11'X 6'RCB FL=500.74
PSH66 STA 42+30.50 PROP 2-6'X 5'RCB FL=500.75
PSH66 STA 63+92.35 PROP 2-6'X 6'RCB FL=527.15
PSH66 STA 85+97.03 PROP 2-8'X 7'RCB FL=501.16
PSH66 STA 106+43.00 PROP 3-6'X 3'RCB FL=511.34
EX. ONCOR TRANSMISSION TOWER LOCATED WITHIN PROP MEDIAN
EX. ONCOR TRANSMISSION TOWER LOCATED WITHIN PROP ROW
EX GROUND
PGL PEB66
PGL PWB66
MATCH LINE STA. 122+00 SEE SHEET 2
CSJ: 0009-04-060
610 590 600 580 590 570 580 560 570 550 560 540 550 530 540 520 530 510 520 500 510 490 500 480 490 470 480 460
35+00 40+00 45+00 50+00 55+00 60+00 65+00 70+00 75+00 80+00 85+00 90+00 95+00 100+00 105+00 110+00 115+00 120+00

Texas Department of Transportation

Dallas District Design Schematic

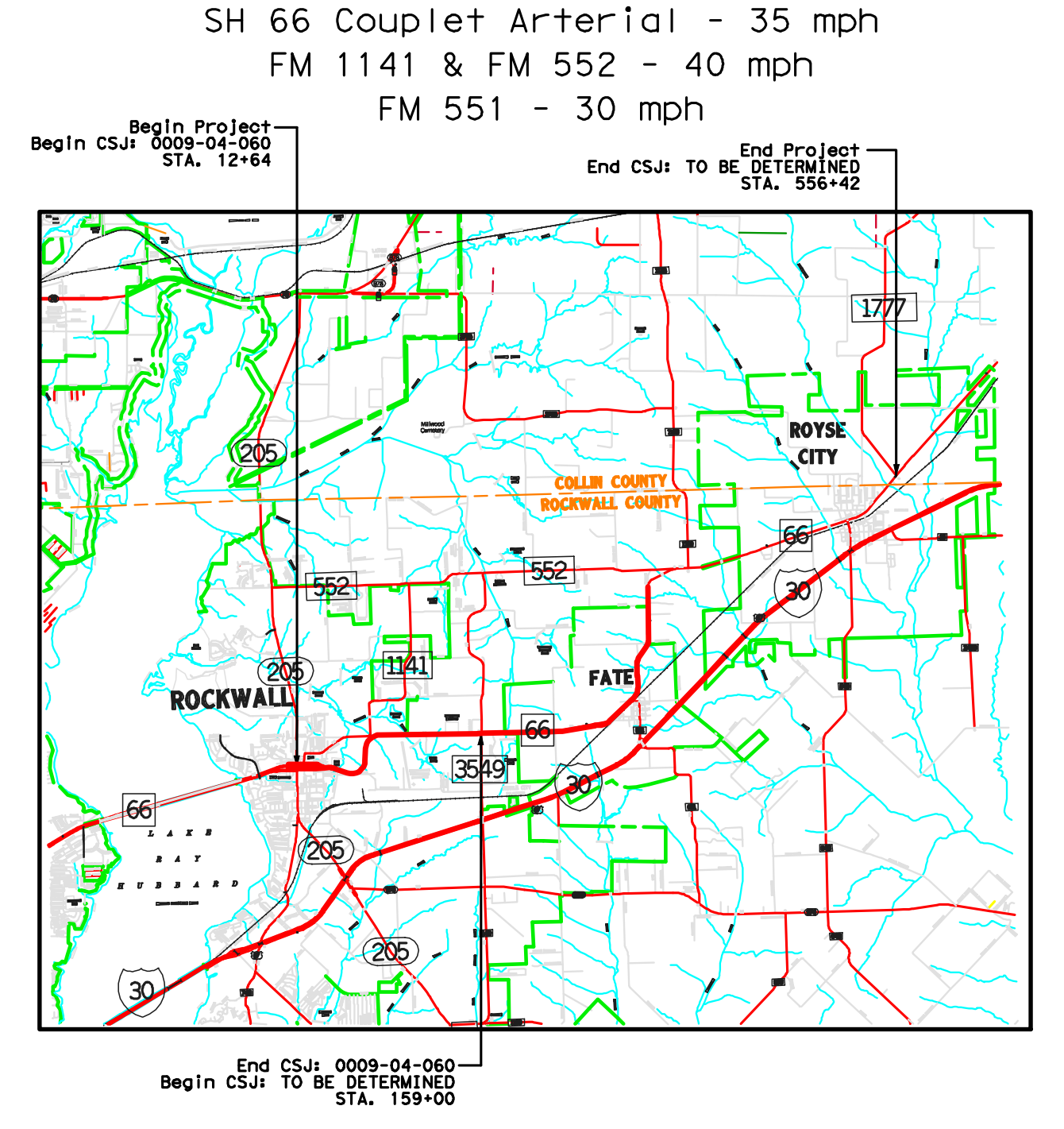
William L. Hale, P.E., District Engineer

SH 66

From: SH 205
To: FM 1777
Rockwall County
Functional Class: Urban Arterial
Project Length: 10.24 Miles

CSJ's: 0009-04-060, etc.

Design Speed:
SH 66 Six-Lane Divided Arterial - 45 mph
SH 66 Four-Lane Divided Arterial - 40 mph
SH 66 Couplet Arterial - 35 mph
FM 1141 & FM 552 - 40 mph
FM 551 - 30 mph


Begin Project
Begin CSJ: 0009-04-060
STA. 12+64
End Project
End CSJ: TO BE DETERMINED
STA. 556+42
1777
ROYSE CITY
COLLIN COUNTY
ROCKWALL COUNTY
552
66
30
1141
ROCKWALL
FATE
3549
205
End CSJ: 0009-04-060
Begin CSJ: TO BE DETERMINED
STA. 159+00

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

JANUARY 2013
Roll 1 of 5

SCHEMATIC PREPARED BY:
HALFF ASSOCIATES, INC.
REGISTRATION NUMBER 312
FOR INTERIM REVIEW ONLY
NOT FOR PERMITTING, BIDDING
OR CONSTRUCTION.
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Roll 1 of 5