ENVIRONMENTAL ASSESSMENT
VOLUME 2

US 77 HIGHWAY
IH 37 TO US 83

NUECES, KLEBERG, KENEDY, WILLACY, AND CAMERON COUNTIES

CSJ: 1111-07-004

Prepared by:

US Department of Transportation
Federal Highway Administration
Texas Division
And
Texas Department of Transportation
Corpus Christi and Pharr Districts

June 2012

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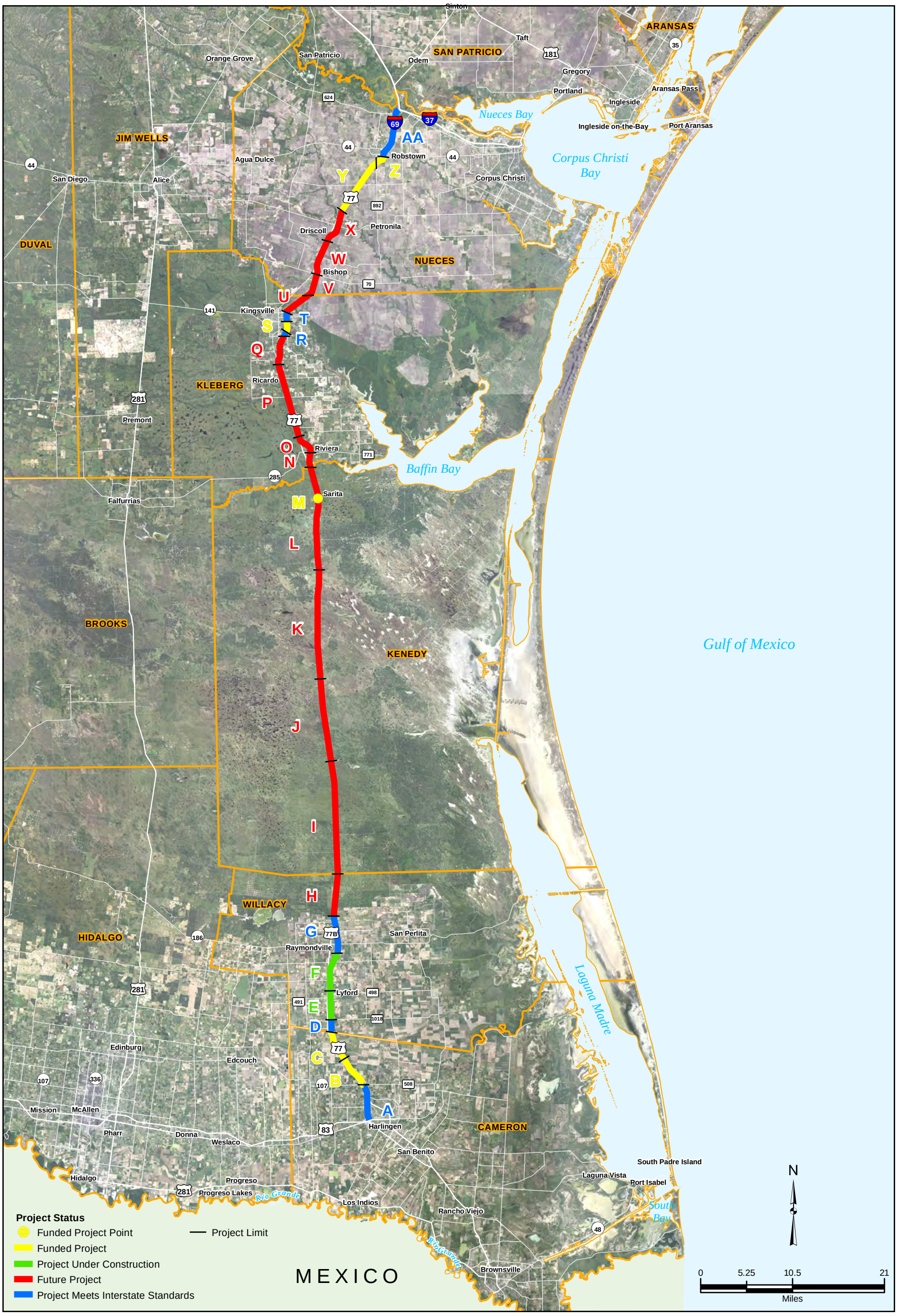

Cameron, Kenedy, Kleberg, Nueces, and Willacy Counties
CSJ: 1111-07-004

US 77
PROJECT LOCATION MAP
FIGURE A.1.1-1

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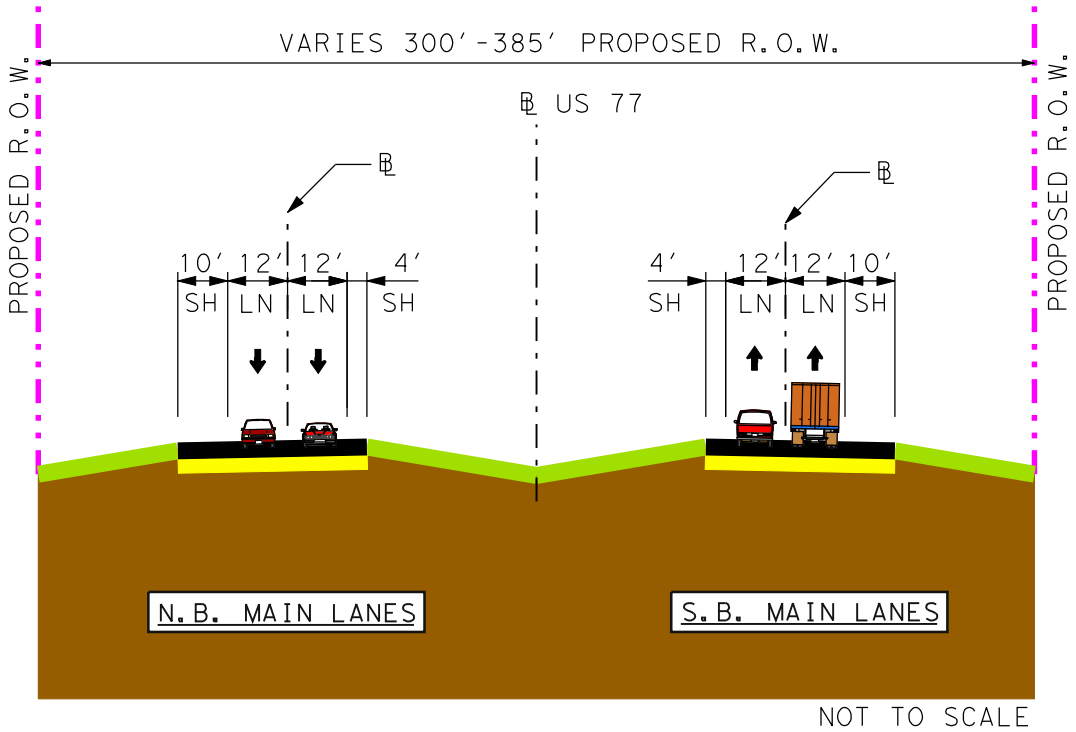
Figure A.3.1-1.A West Driscoll Relief Route Option Typical Section



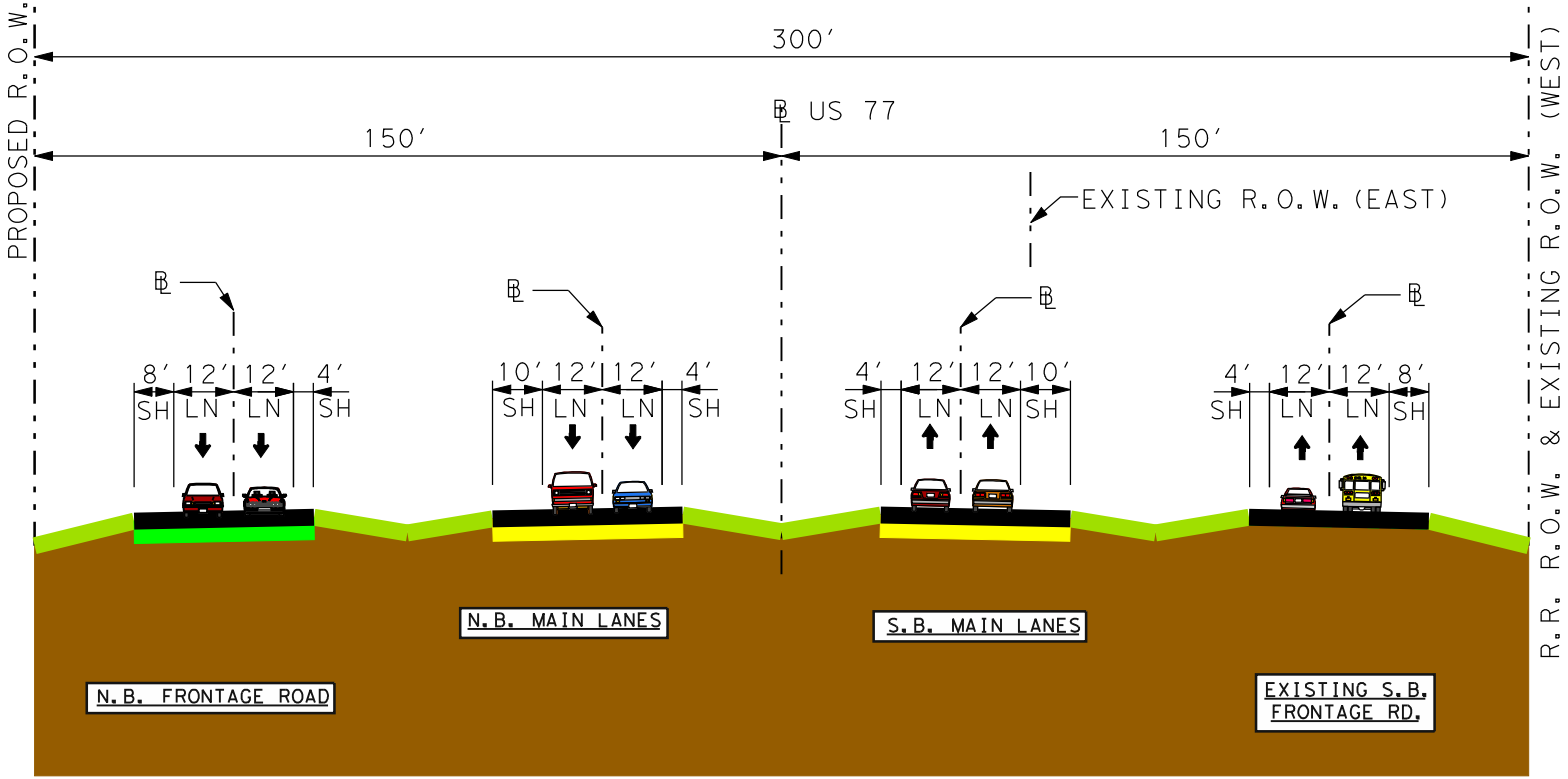
US 77 HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

WEST DRISCOLL
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-1.A

L:\Contract Invoice Data (J)\2000\05-0202\US 77\Environmental\Draft EA\LatestDraft\Old Versions\Old\Figures\FIG A31-3A.dgn

Figure A.3.1-1.B Through Driscoll Relief Route Option Typical Section



NOT TO SCALE

US 77 UPGRADE HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

THROUGH DRISCOLL
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-1.B

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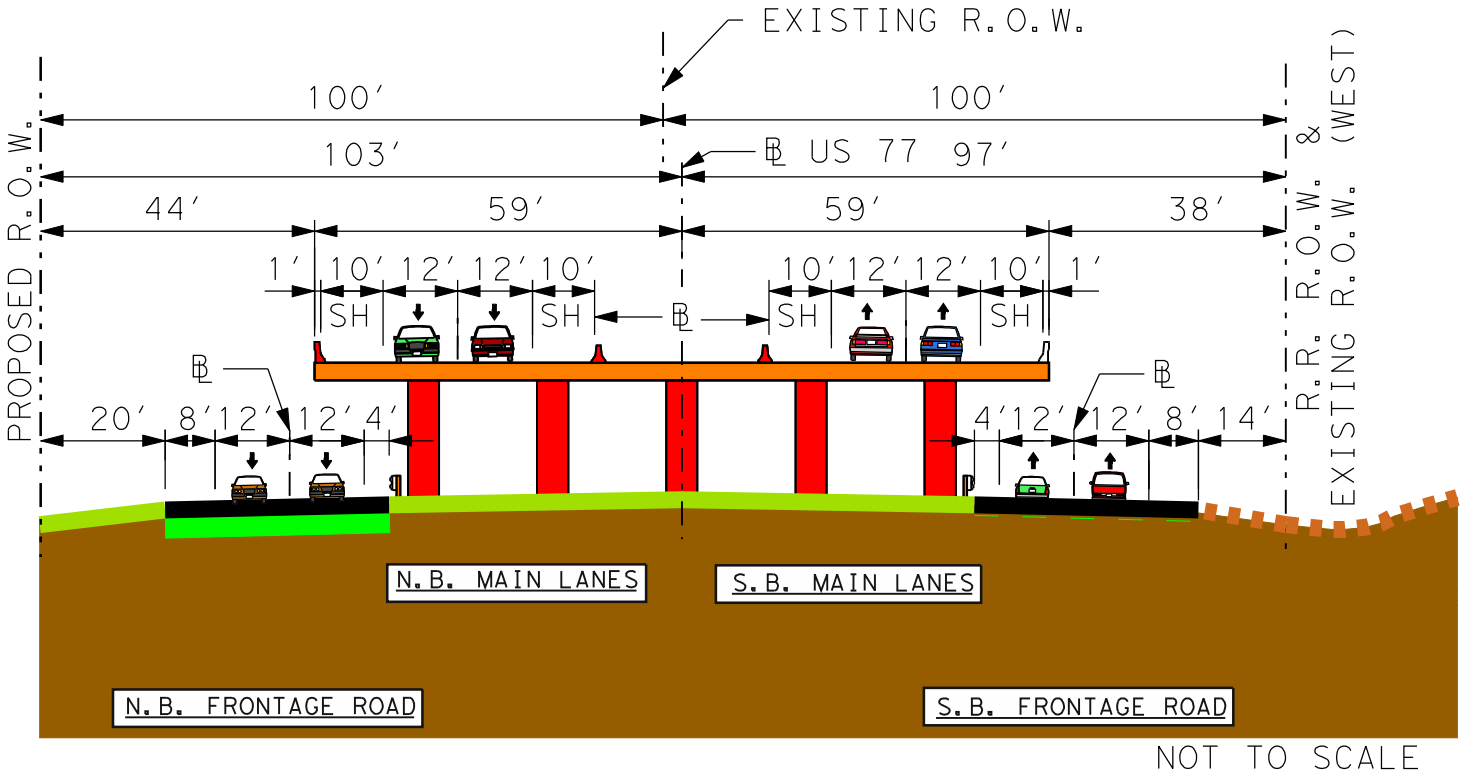
Figure A.3.1-1.C Elevated 200’ Driscoll Relief Route Option Typical Section



NOT TO SCALE

US 77 UPGRADE HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

ELEVATED 200′ DRISCOLL
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-1.C

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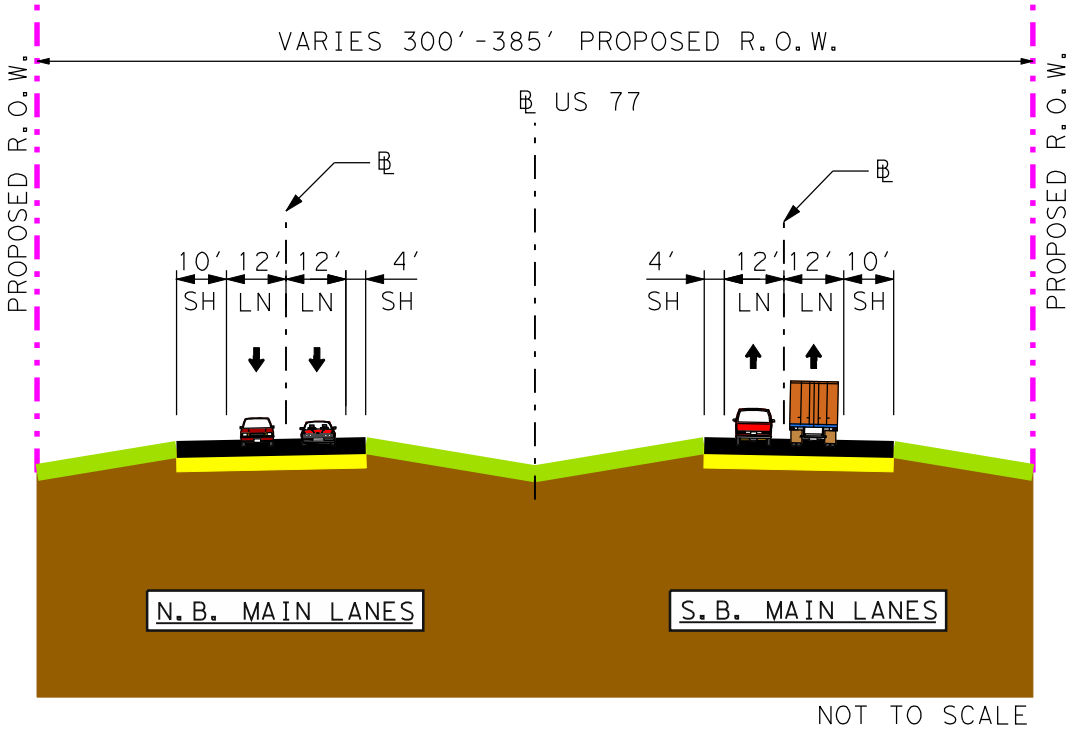
Figure A.3.1-1.D East Driscoll Relief Route Option Typical Section



US 77 HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

EAST DRISCOLL
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-1.D

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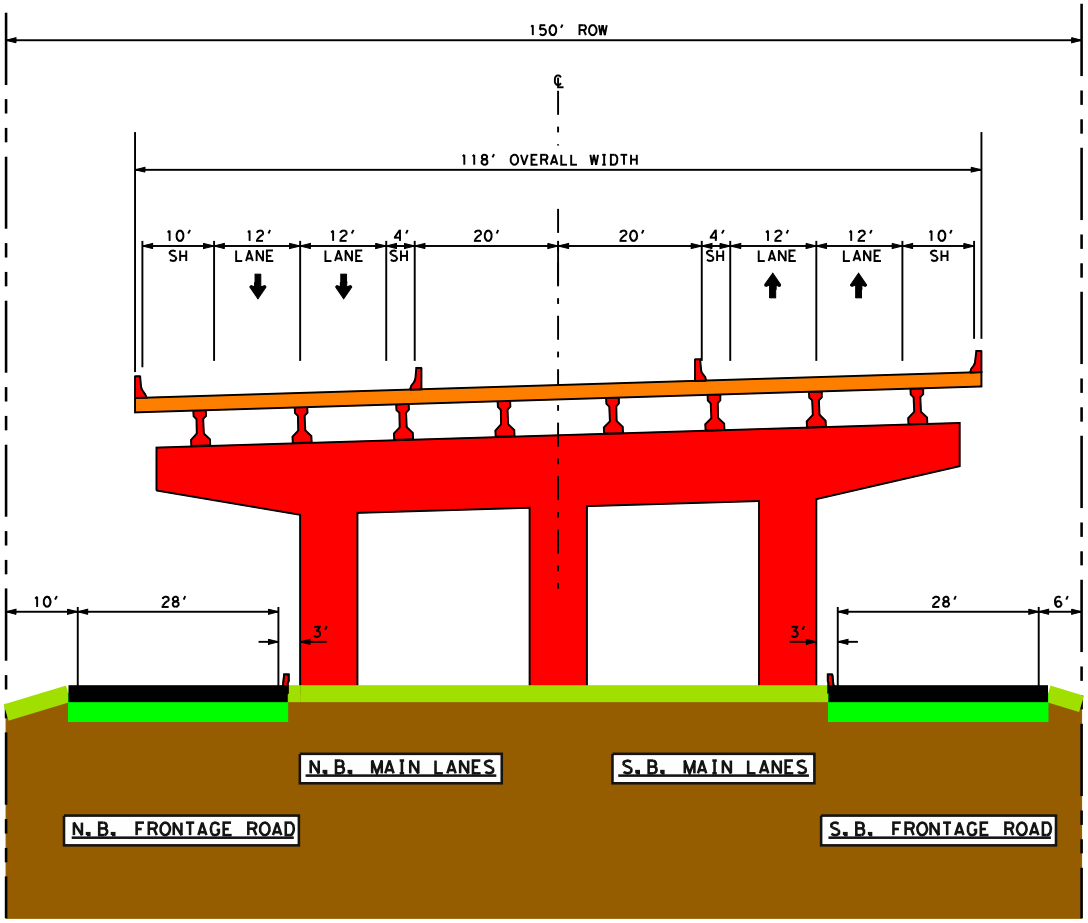
Figure A.3.1-1.E Driscoll 150' Elevated Option Typical Section



US 77 UPGRADE HIGHWAY

KLEBERG COUNTY
CSJ: 1111-07-004

DRISCOLL 150' ELEVATED OPTION
TYPICAL SECTION
FIGURE A.3.1-1.E

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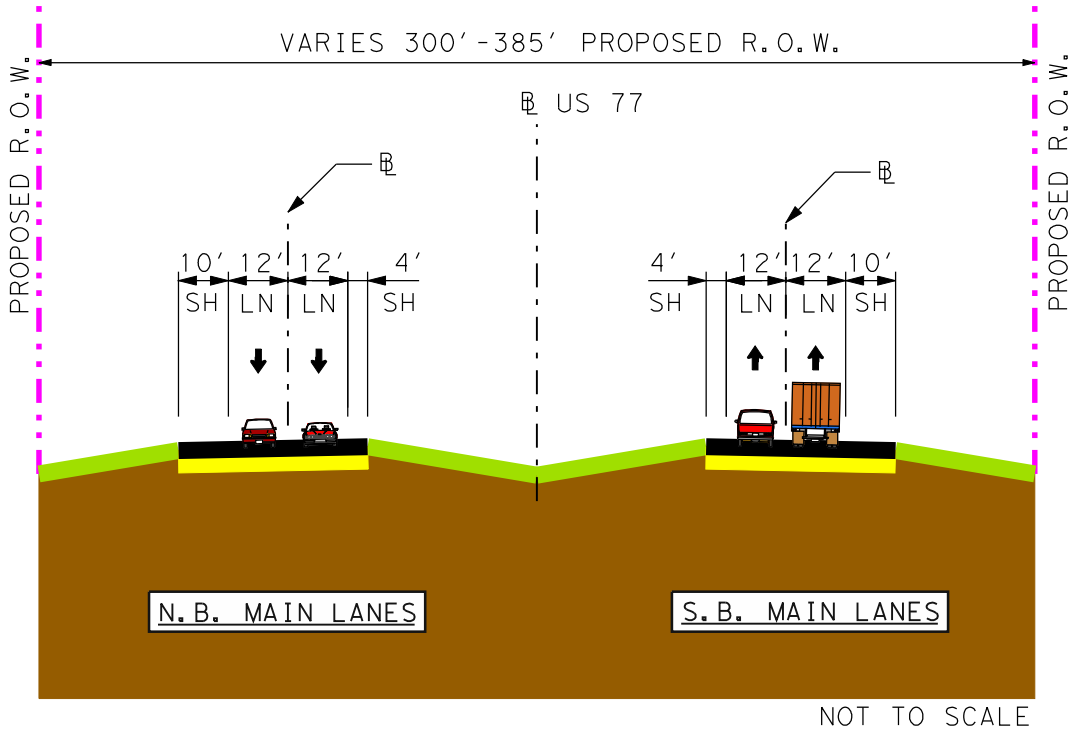
Figure A.3.1-2.A West Riviera Relief Route Option Typical Section



US 77 HIGHWAY

KLEBERG COUNTY
CSJ: 1111-07-004

WEST RIVIERA
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-2.A

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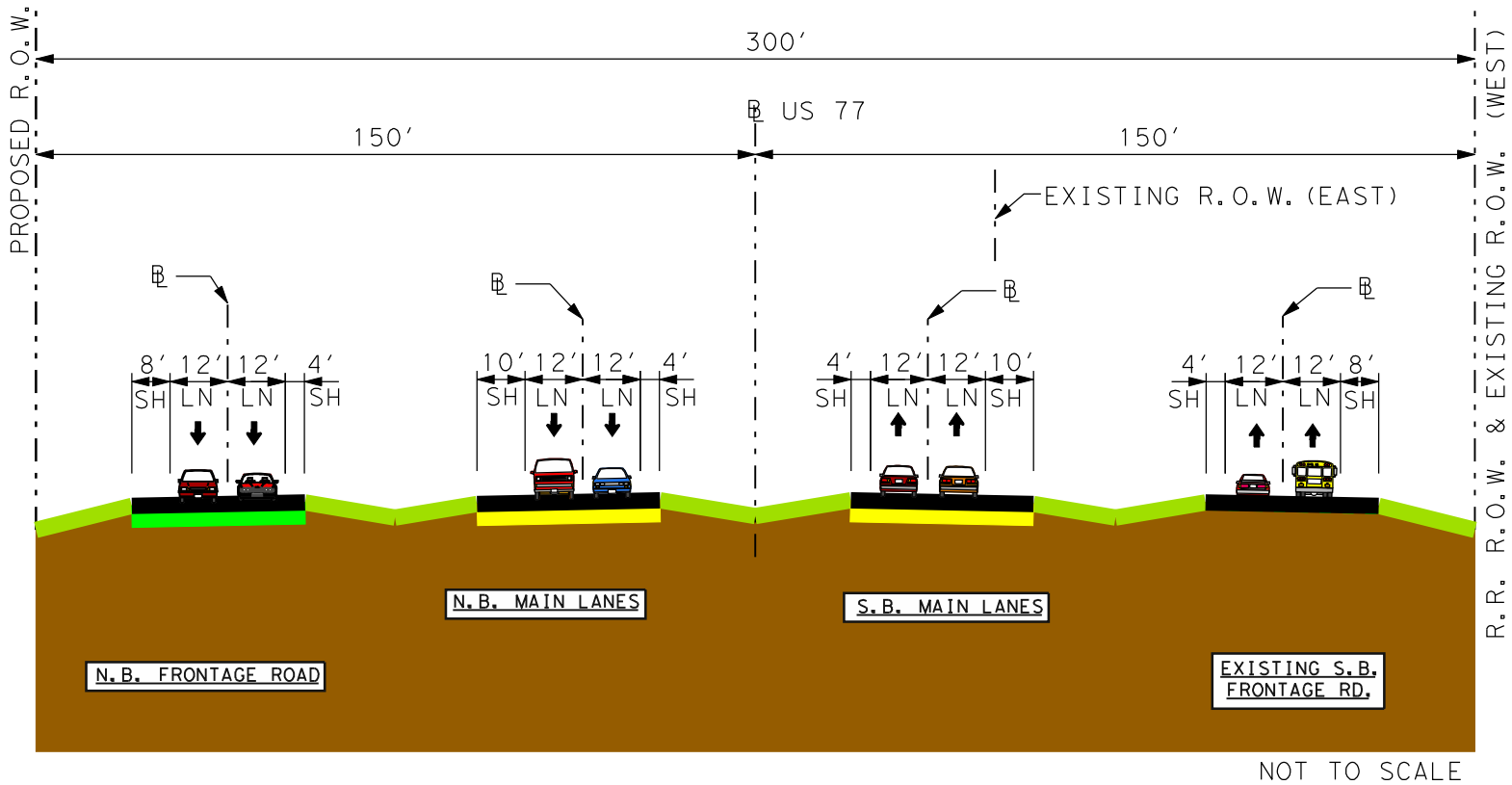
Figure A.3.1-2.B Through Riviera Relief Route Option Typical Section



US 77 UPGRADE HIGHWAY

KLEBERG COUNTY
CSJ: 1111-07-004

THROUGH RIVIERA
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-2.B

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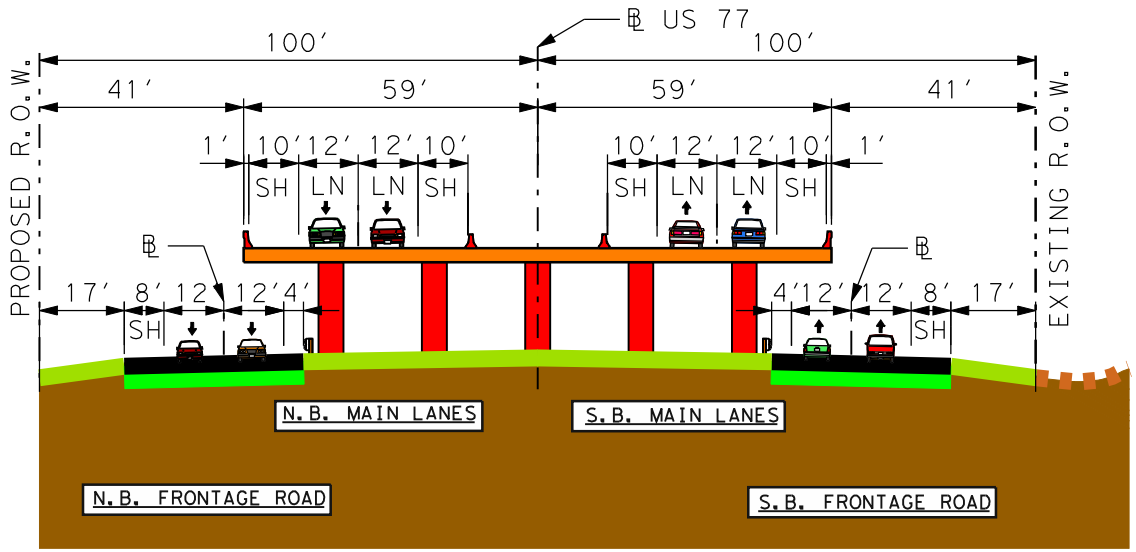
Figure A.3.1-2.C Elevated 200’ Riviera Relief Route Option Typical Section



NOT TO SCALE

US 77 HIGHWAY

KLEBERG COUNTY
CSJ: 1111-07-004

ELEVATED 200′ RIVIERA
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-2.C

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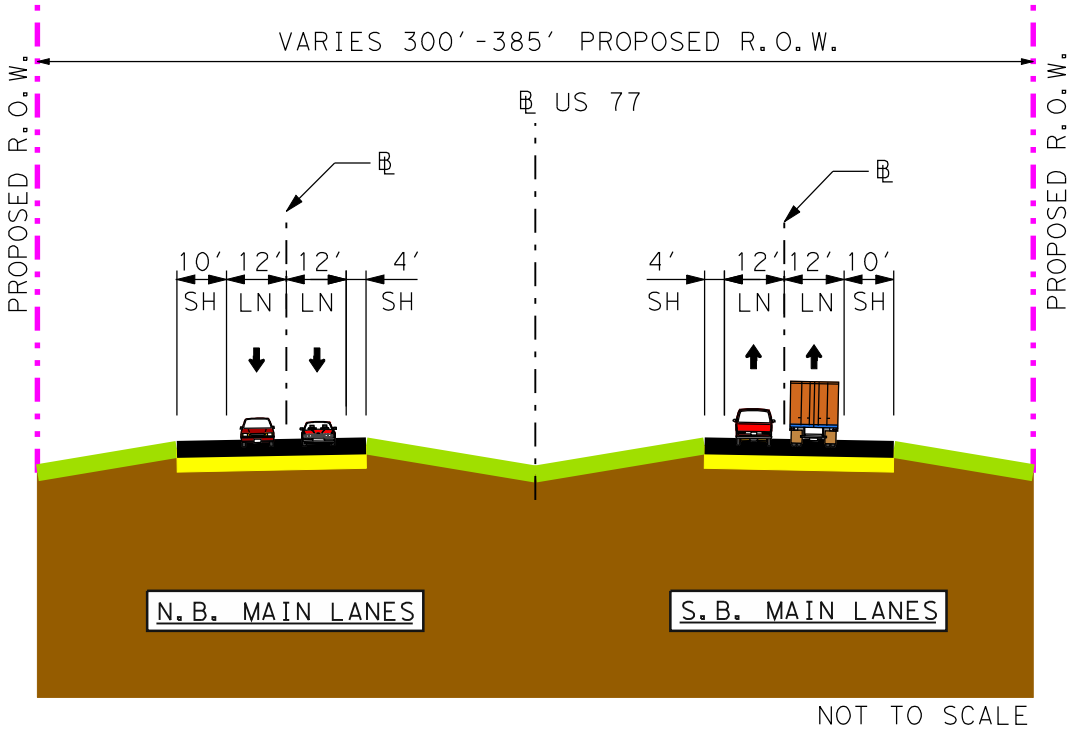
Figure A.3.1-2.D East Riviera Relief Route Option Typical Section



US 77 UPGRADE HIGHWAY

KLEBERG COUNTY
CSJ: 1111-07-004

EAST RIVIERA
RELIEF ROUTE OPTION
TYPICAL SECTION
FIGURE A.3.1-2.D

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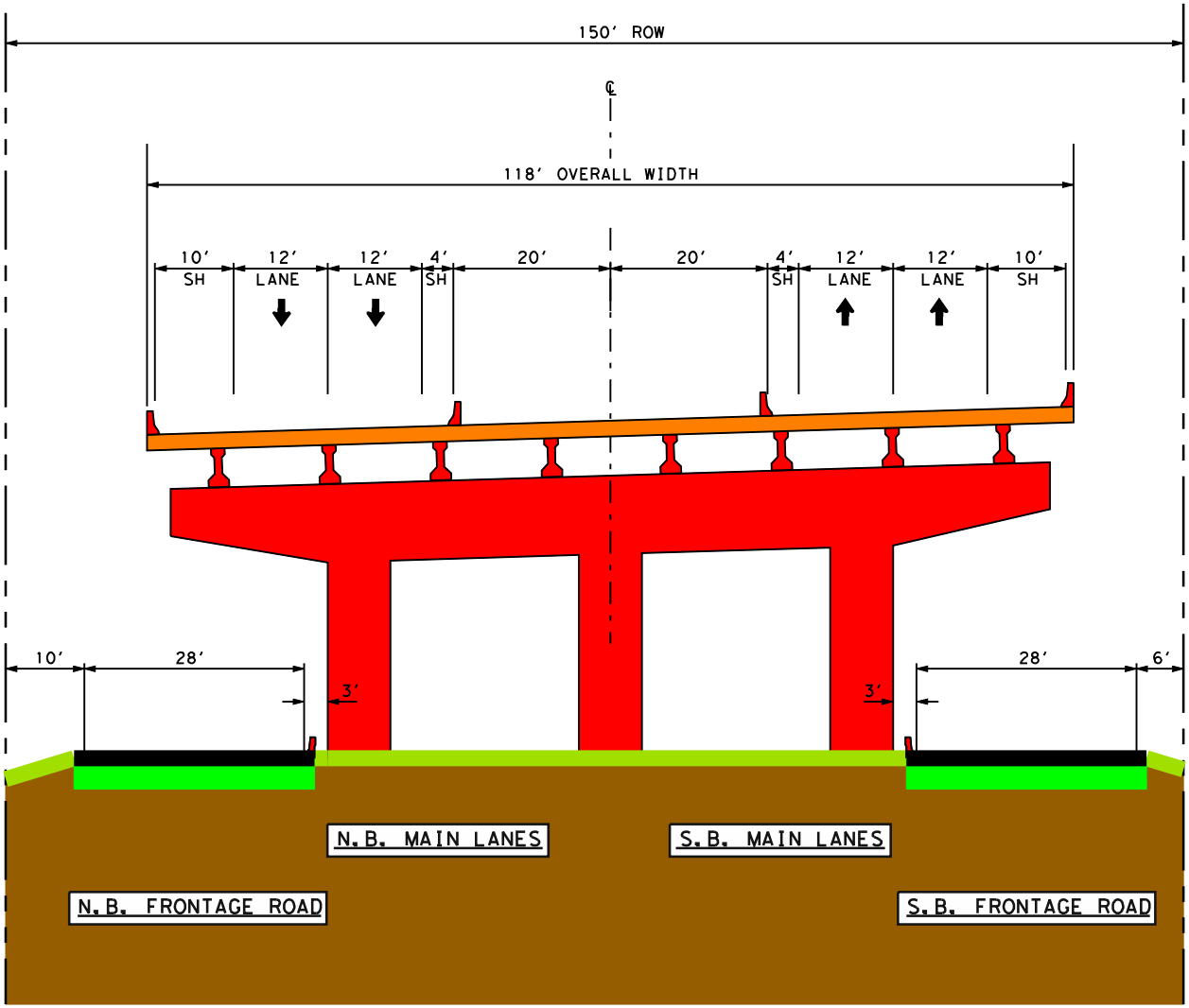
Figure A.3.1-2.E Riviera 150’ Elevated Option Typical Section



US 77 UPGRADE HIGHWAY

KLEBERG COUNTY
CSJ: 1111-07-004

RIVIERA 150' ELEVATED OPTION
TYPICAL SECTION
FIGURE A.3.1-2.E

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Figure A.3.1-3 Driscoll Relief Route Options Matrix

Draft Relief Route Options
DRISCOLL

Potential Constraint	Driscoll West	Driscoll Through[1]	Driscoll Elevated - 200'	Driscoll Elevated - 150'	Driscoll East
4(f) / Potential 4(f)	Access limited. No 4(f) properties recorded	Driscoll City Park	Access limited. No 4(f) properties recorded	Access limited. No 4(f) properties recorded	Access limited. No 4(f) properties recorded
Potential Historic	Access Limited – Potential for historic-age resources exists in rural setting, particularly where proposed road would intersect portions of large tracts of land traditionally used for small farms that include fields, houses, and auxiliary buildings. None recorded.	Some historic-age resources observed, most with alterations	Some historic-age resources observed, most with alterations	Some historic-age resources observed, most with alterations	Access Limited – Potential for historic-age resources exists in rural setting, particularly where proposed road would intersect portions of large tracts of land traditionally used for small farms that include fields, houses, and auxiliary buildings. None recorded.
Potential Archeological	Recorded sites along Petronila Creek	Recorded sites along Petronila Creek	Recorded sites along Petronila Creek	Recorded sites along Petronila Creek	Recorded sites along Petronila Creek
100-year Floodplains	138.2 acres	22.0 acres	5.6 acres	5.6 acres	17.4 acres
Waters / Wetlands / Riparian	Approx. 1,800-ft long bridge over Petronila Creek and associated riparian zone; no NWI features	Large at-grade crossing at Petronila Creek and associated riparian zone, including three NWI features	Large at-grade crossing at Petronila Creek and associated riparian zone, including three NWI features	Large at-grade crossing at Petronila Creek and associated riparian zone, including three NWI features	Approx. 600-ft long bridge over Petronila Creek and associated riparian zone; no NWI features
Potential Threatened and Endangered Wildlife	Petronila Creek riparian zone should be evaluated as potential ocelot travel corridor	Petronila Creek riparian zone should be evaluated as potential ocelot travel corridor	Petronila Creek riparian zone should be evaluated as potential ocelot travel corridor	Petronila Creek riparian zone should be evaluated as potential ocelot travel corridor	Petronila Creek riparian zone should be evaluated as potential ocelot travel corridor
Potential Threatened and Endangered Plants	Mostly cropland, but undeveloped area along Petronila Creek contains suitable soils	Mostly cropland and urban, but undeveloped area along Petronila Creek contains suitable soils	Mostly cropland and urban, but undeveloped area along Petronila Creek contains suitable soils	Mostly cropland and urban, but undeveloped area along Petronila Creek contains suitable soils	Mostly cropland, but undeveloped area along Petronila Creek contains suitable soils
Relocated Government-operated Community Facilities	0	1 (Nueces County Driscoll Senior Center)	0	0	0
Relocated Residences	0	19; plus 1 Vacant	13; plus 1 Vacant	8	1
Relocated Businesses	0	9, plus 2 Vacant	9, plus 2 Vacant	9	0
Relocated Churches	0	1	0	0	0
Potential Hazmat Sites (observed)	0	Oil storage tanks on north end; 4 operating gas stations; 2 vacant gas stations; tanks behind vacant tire market	Oil storage tanks on north end; 4 operating gas stations; 2 vacant gas stations; tanks behind vacant tire market	Oil storage tanks on north end; 4 operating gas stations; 2 vacant gas stations; tanks behind vacant tire market	1 oil/gas well, 1 parallel pipeline, 2 crossing pipelines, 2 aboveground meter/valve stations
Community Impacts		9 businesses including 4 gas stations/convenience stores, 19 residences, 1 city park, 1 senior citizens activity center, 1 church	9 businesses including 4 gas stations/convenience stores, 13 residences	9 businesses including 4 gas stations/convenience stores, 8 residences	1 residential structure
Connectivity to SH 285	N/A	N/A	N/A	N/A	N/A
USDA Prime Farmland	199.0 acres	20.3 acres	20.3 acres	20.3 acres	213.9 acres
Railroad Crossings	2	0	0	0	0
Length	41,789 feet	33,426 feet	29,126 feet	29,126 feet	38,488 feet
Estimated Construction Cost	$43,377,050	$19,622,100	$44,390,300	$48,647,300	$18,624,220
Estimated ROW Cost	$771,204	$3,185,100	$2,538,100	$2,238,100	$1,204,600
Total Cost	$44,148,254	$22,780,200	$46,928,400	$50,885,400	$19,898,280

NWI = National Wetland Inventory
1 Engineering requirements restrict option to East side of railroad tracks
2 Engineering requirements, land use, and King Ranch NHL restrict option to East side of US 77.

US HIGHWAY 77 UPGRADE

NUECES COUNTY
CSJ: 1111-07-004

US 77
DRISCOLL RELIEF ROUTE OPTION MATRIX
FIGURE A.3.1-3

L:\Contract Invoice Data (J)\2000\05-0202\US 77\Environmental\Draft EA\LatestDraft\Old Versions\Old\Figures\FIG A31-1.dgn

Figure A.3.1-4 Riviera Relief Route Options Matrix

Draft Relief Route Options
RIVIERA

Potential Constraint	Riviera West	Riviera Through[2]	Riviera Elevated - 200'	Riviera Elevated - 150'	Riviera East
4(f) / Potential 4(f)	King Ranch NHL	Undetermined – Further research for historic age resources needed	Undetermined – Further research for historic age resources needed	Undetermined – Further research for historic age resources needed	Access limited. No 4(f) properties recorded
Potential Historic	King Ranch NHL	El Mesquite Dance Hall-still being used as a dance hall, has some historic-age additions. Within proposed ROW. Craftsman-style house east of new gas station, has some alterations to rear and side facades. Within proposed APE. Planned landscape (E. North Boulevard) with part of commerical district-planned by original founder of Riviera to entice settlers. Partially within proposed ROW, partially in proposed APE. More research needed to complete any determinations about the above resources.	El Mesquite Dance Hall-still being used as a dance hall, has some historic-age additions. Within proposed ROW. Craftsman-style house east of new gas station, has some alterations to rear and side facades. Within proposed APE. Planned landscape (E. North Boulevard) with part of commerical district-planned by original founder of Riviera to entice settlers. Partially within proposed ROW, partially in proposed APE. More research needed to complete any determinations about the above resources.	El Mesquite Dance Hall-still being used as a dance hall, has some historic-age additions. Within proposed ROW. Planned landscape (E. North Boulevard) with part of commerical district-planned by original founder of Riviera to entice settlers. Partially within proposed ROW, partially in proposed APE. More research needed to complete any determinations about the above resources.	Access Limited – Potential for historic-age resources exist in rural setting, particularly where proposed road would intersect portions of large tracts of land traditionally used for small farms that include fields, houses, and auxiliary buildings. None recorded.
Potential Archeological	Potential for archeological resources exist, particularly around small waterbodies that may have provided fresh water	Potential for archeological resources exist, particularly around small waterbodies that may have provided fresh water	Potential for archeological resources exist, particularly around small waterbodies that may have provided fresh water	Potential for archeological resources exist, particularly around small waterbodies that may have provided fresh water	Potential for archeological resources exist, particularly around small waterbodies that may have provided fresh water
100-year Floodplains	18.4 acres	19.6 acres	9.8 acres	9.8 acres	22 acres
Waters / Wetlands / Riparian	One potential stream crossing; no NWI features	Two NWI features	Two NWI features	Two NWI features	Four NWI features
Potential Threatened and Endangered Wildlife	Rangeland could provide potential aplomado falcon habitat	Primarily developed	Primarily developed	Primarily developed	Primarily pasture
Potential Threatened and Endangered Plants	Mostly rangeland, and some areas contain suitable soils	Few undeveloped areas contain suitable soils	Few undeveloped areas contain suitable soils	Few undeveloped areas contain suitable soils	Few undeveloped areas contain suitable soils
Relocated Government-operated Community Facilities	0	0	0	0	0
Relocated Residences	0	6	6	3	3
Relocated Businesses	0	8, plus 1 Vacant	8, plus 1 Vacant	7, plus 1 Vacant	0
Relocated Churches	0	1	1	0	0
Potential Hazmat Sites (observed)	0	2 operating gas stations; 1 vacant gas stations	2 operating gas stations; 1 vacant gas stations	2 operating gas stations; 1 vacant gas stations	0
Community Impacts		8 businesses, including 2 gas stations/convenience stores, dance hall, church. Next gas station southbound is 50 miles, impacts on historic structures and possible district, 6 residences	8 businesses, including 2 gas stations/convenience stores, dance hall, church. Next gas station southbound is 50 miles, impacts on historic structures and possible district, 6 residences	7 businesses, including 1 gas stations/convenience stores. Next gas station southbound is 50 miles, impacts on historic structures and possible district, 3 residences	3 residential structures
Connectivity to SH 285	Full interchange with direct connectors	Interchange with traffic signals connecting to frontage road and ramps	Interchange with traffic signals connecting to frontage road and ramps	Interchange with traffic signals connecting to frontage road and ramps	Not able to route through-town connection with relief Route, but trucks would still have access to 2 gas stations
USDA Prime Farmland	0.6 acre	0	0	0	3.6 acres
Railroad Crossings	2	0	0	0	0
Length	41,265 feet	35,961 feet	31,766 feet	31,766 feet	40,492 feet
Estimated Construction Cost	$30,041,250	$20,950,350	$48,863,300	$49,472,640	$20,297,160
Estimated ROW Cost	$450,900	$3,328,500	$3,311,500	$2,910,500	$475,400
Total Cost	$30,492,150	$24,278,850	$52,174,800	$52,383,140	$20,772,560

NWI = National Wetland Inventory
1 Engineering requirements restrict o
2 Engineering requirements, land use

US 77 UPGRADE TO HIGHWAY

KLEBERG COUNTY
CSJ: 1111-07-004

US 77
RIVIERA RELIEF ROUTE OPTION MATRIX
FIGURE A.3.1-4

L:\Contract Invoice Data (J)\2000\05-0202\US 77\Environmental\Draft EA\LatestDraft\Old Versions\Old\Figures\FIG A31-2.dgn

Figure A.3.1-5 Driscoll West Relief Route Option

PRELIMINARY
SUBJECT TO REVISION

THE FINAL LOCATION OF THE ALIGNMENT WILL NOT BE SET UNTIL THE ENVIRONMENTAL DOCUMENT IS APPROVED.

0 400 800 1600

NUECES COUNTY

PROPOSED MAINLANES
PROPOSED FRONTAGE ROADS
PROPOSED STRUCTURES
PROPOSED RAMPS
PROPOSED CROSS STREETS AND DRIVEWAYS
EXISTING STRUCTURES TO REMAIN
EXISTING MAIN LANES TO REMAIN
EXISTING FRONTAGE ROADS TO REMAIN
EXISTING RAMPS TO REMAIN
EXISTING CROSS STREETS AND DRIVEWAYS

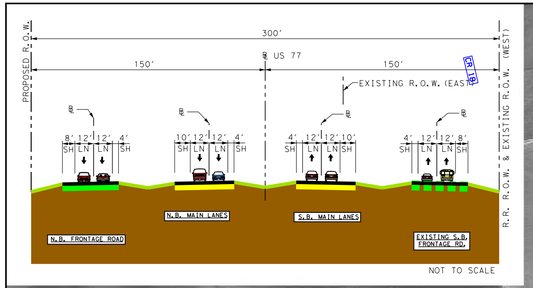
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING NUMBER OF LANES
PROPOSED NUMBER OF LANES
EXISTING PLANIMETRICS
UNION PACIFIC RAILROAD (U.P.R.R.)
TOLL GANTRY
EXISTING PAVEMENT TO BE REMOVED

US 77 HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

US 77
DRISCOLL WEST OPTION
FIGURE A.3.1-5

Figure A.3.1-6 Driscoll Through Relief Route Option



PRELIMINARY
SUBJECT TO REVISION

THE FINAL LOCATION OF THE ALIGNMENT WILL NOT BE SET UNTIL THE ENVIRONMENTAL DOCUMENT IS APPROVED.

0 400 800 1600

PROPOSED MAINLANES
PROPOSED FRONTAGE ROADS
PROPOSED STRUCTURES
PROPOSED RAMPS
PROPOSED CROSS STREETS AND DRIVEWAYS
EXISTING STRUCTURES TO REMAIN
EXISTING MAIN LANES TO REMAIN
EXISTING FRONTAGE ROADS TO REMAIN
EXISTING RAMPS TO REMAIN
EXISTING CROSS STREETS AND DRIVEWAYS

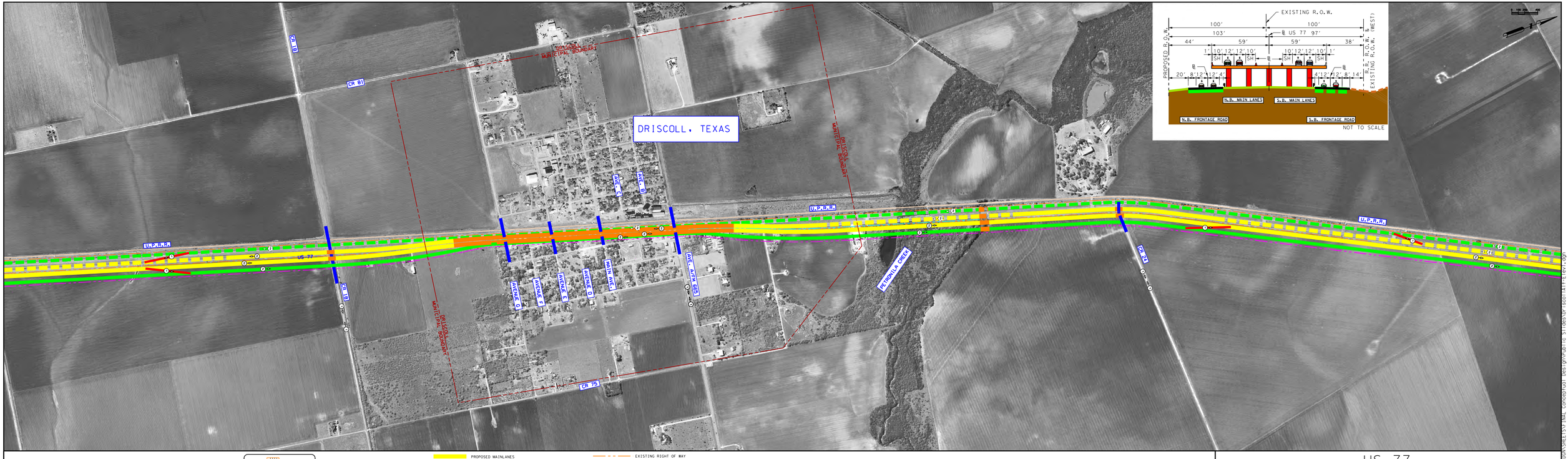
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING NUMBER OF LANES
PROPOSED NUMBER OF LANES
EXISTING PLAN(METRICS
UNION PACIFIC RAILROAD (U.P.R.R.)
TOLL GANTRY
EXISTING PAVEMENT TO BE REMOVED

US HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

US 77
DRISCOLL THROUGH OPTION
FIGURE A.3.1-6

Figure A.3.1-7 Driscoll Elevated Relief Route Option



PRELIMINARY
SUBJECT TO REVISION

THE FINAL LOCATION OF THE ALIGNMENT WILL NOT BE SET UNTIL THE ENVIRONMENTAL DOCUMENT IS APPROVED.

0 400 800 1600

NUECES COUNTY

PROPOSED MAINLANES
PROPOSED FRONTAGE ROADS
PROPOSED STRUCTURES
PROPOSED RAMPS
PROPOSED CROSS STREETS AND DRIVEWAYS
EXISTING STRUCTURES TO REMAIN
EXISTING MAIN LANES TO REMAIN
EXISTING FRONTAGE ROADS TO REMAIN
EXISTING RAMPS TO REMAIN
EXISTING CROSS STREETS AND DRIVEWAYS

EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING NUMBER OF LANES
PROPOSED NUMBER OF LANES
EXISTING PLAN(METRICS
UNION PACIFIC RAILROAD (U.P.R.R.)
TOLL GANTRY
EXISTING PAVEMENT TO BE REMOVED

US HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

US 77
DRISCOLL ELEVATED
THROUGH OPTION
FIGURE A.3.1-7

Figure A.3.1-8 Driscoll East Relief Route Option

PRELIMINARY
SUBJECT TO REVISION

THE FINAL LOCATION OF THE ALIGNMENT WILL NOT BE SET UNTIL THE ENVIRONMENTAL DOCUMENT IS APPROVED.

0 400 800 1600

NUECES COUNTY

PROPOSED MAINLANES
PROPOSED FRONTAGE ROADS
PROPOSED STRUCTURES
PROPOSED RAMPS
PROPOSED CROSS STREETS AND DRIVEWAYS
EXISTING STRUCTURES TO REMAIN
EXISTING MAIN LANES TO REMAIN
EXISTING FRONTAGE ROADS TO REMAIN
EXISTING RAMPS TO REMAIN
EXISTING CROSS STREETS AND DRIVEWAYS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING NUMBER OF LANES
PROPOSED NUMBER OF LANES
EXISTING PLANIMETRICS
UNION PACIFIC RAILROAD (U.P.R.R.)
TOLL GANTRY
EXISTING PAVEMENT TO BE REMOVED

US 77 HIGHWAY

NUECES COUNTY
CSJ: 1111-07-004

US 77
DRISCOLL EAST OPTION
FIGURE A.3.1-8

Figure A.3.1-9 Riviera West Relief Route Option

VARIES 300'-385' PROPOSED R.O.W.
PROPOSED R.O.W.
PROPOSED R.O.W.
US 77
10' 12' 12' 4'
SH LN LN SH
4' 12' 12' 10'
SH LN LN SH
N.B. MAIN LANES
S.B. MAIN LANES
NOT TO SCALE
RIVIERA, TEXAS
U.P.R.R.
U.P.R.R.
MILLER AVE
CROSS STREET
ST. 53
W. BOOK AVE
FM 771
FOSS SOUTH BLVD
CR 2213
CR 2215
CR 2216
CR 2217
CR 2218
CR 2219
CR 2220
CR 2221
CR 2222
CR 2223
CR 2224
CR 2225
CR 2226
CR 2227
CR 2228
CR 2229
CR 2230
CR 2231
CR 2232
CR 2233
CR 2234
CR

Figure A.3.1-10 Riviera Through Relief Route Option

RIVIERA, TEXAS
U.P.R.R.
US 77
VILLA ALEGRE
CR 2013
CR 2014
FM 2721
EAST YOAKUM ST.
CR 2018
CR 2019
CR 2020
CR 2021
CR 2022
CR 2023
CR 2024
CR 2025
CR 2026
CR 2027
CR 2028
CR 2029
CR 2030
CR 2031
CR 2032
CR 1974
CR 1976
CR 2033
CR 2034
CR 2035
CR 2036
CR 2037
CR 2038
CR 2039
CR 2040
CR 2041
CR 2042
CR 2043
CR 2044
CR 2045
CR 2046
CR 2047
CR 2048
CR 2049
CR 2050
CR 2051
CR 2052
CR

Figure A.3.1-11 Riviera Elevated Relief Route Option

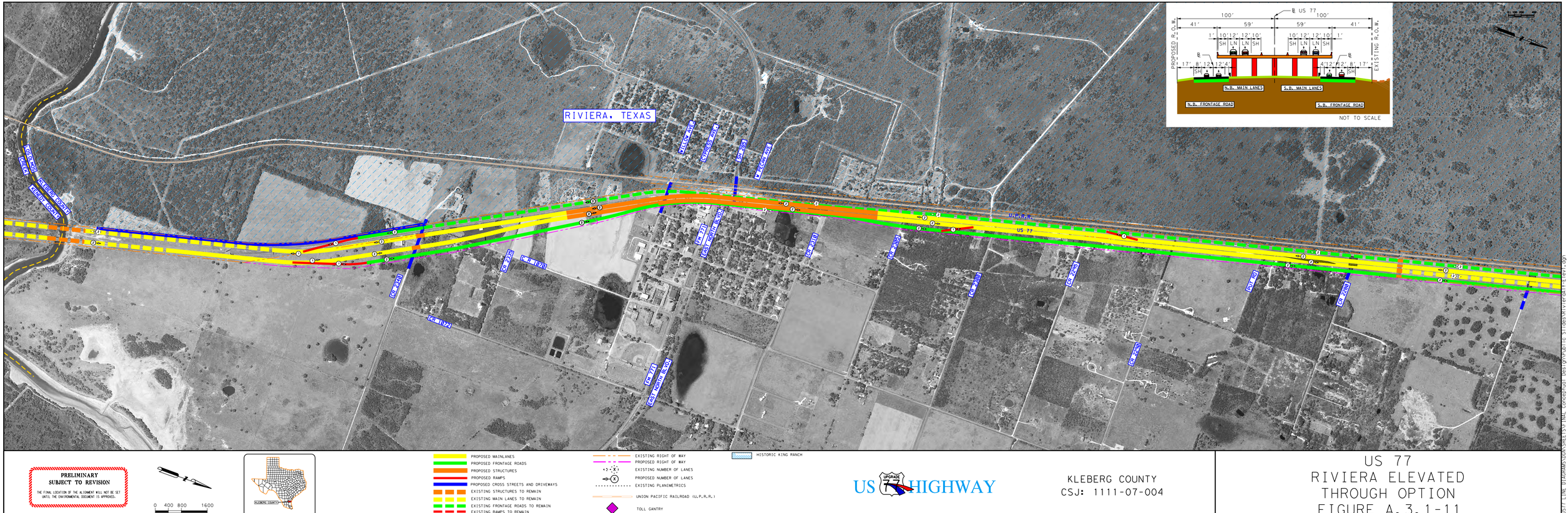

RIVIERA, TEXAS
US 77
PROPOSED R.O.W.
EXISTING R.O.W.
100'
41'
59'
59'
41'
100'
1' 10' 12' 12' 10'
10' 12' 12' 10' 1'
SH LN LN SH
SH LN LN SH
17' 8' 12' 12' 4'
4' 12' 12' 8' 17'
SH LN LN SH
SH LN LN SH
N.B. MAIN LANES
S.B. MAIN LANES
N.B. FRONTAGE ROAD
S.B. FRONTAGE ROAD
NOT TO SCALE
PRELIMINARY
SUBJECT TO REVISION
THE FINAL LOCATION OF THE ALIGNMENT WILL NOT BE SET UNTIL THE ENVIRONMENTAL DOCUMENT IS APPROVED.
0 400 800 1600
KLEBERG COUNTY
PROPOSED MAINLANES
PROPOSED FRONTAGE ROADS
PROPOSED STRUCTURES
PROPOSED RAMPS
PROPOSED CROSS STREETS AND DRIVEWAYS
EXISTING STRUCTURES TO REMAIN
EXISTING MAIN LANES TO REMAIN
EXISTING FRONTAGE ROADS TO REMAIN
EXISTING RAMPS TO REMAIN
EXISTING CROSS STREETS AND DRIVEWAYS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
EXISTING NUMBER OF LANES
PROPOSED NUMBER OF LANES
EXISTING PLANIMETRICS
UNION PACIFIC RAILROAD (U.P.R.R.)
TOLL GANTRY
EXISTING PAVEMENT TO BE REMOVED
HISTORIC KING RANCH
US HIGHWAY
KLEBERG COUNTY
CSJ: 1111-07-004
US 77
RIVIERA ELEVATED
THROUGH OPTION
FIGURE A.3.1-11

Figure A.3.1-12 Riviera East Relief Route Option

EL MESQUITE DANCE HALL

RIVIERA, TEXAS

U.P.R.R.

BUSINESS 77

FM 1717

FM 771

EAST NORTH BLVD

CR 2410

CR 2420

CR 2430

CR 2440

CR 2450

CR 2460

CR 2470

CR 2480

CR 2490

CR 2500

CR 2510

CR 2520

CR 2530

CR 2540

CR 2550

CR 2560

CR 2570

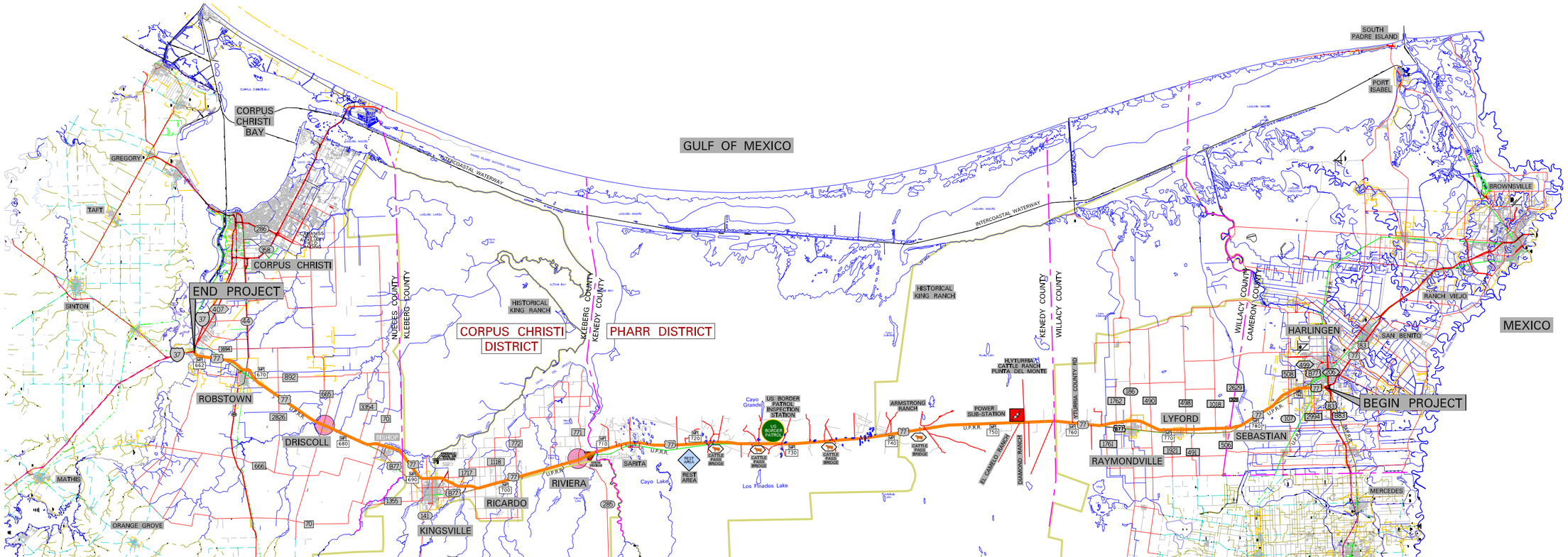
CR 2580

CR 2590

CR 2600

CR

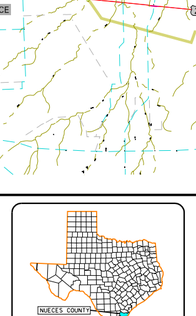
Figure A.3.2-1 Key Location Map



PRELIMINARY
SUBJECT TO REVISION

THE FINAL LOCATION OF THE ALIGNMENT WILL NOT BE SET UNTIL THE ENVIRONMENTAL DOCUMENT IS APPROVED.

0 400 800 1600



ROADWAY LEGEND

- 20 INTERSTATE HIGHWAY
- 290 U S NUMBERED HIGHWAY
- 78 STATE HIGHWAY
- 42 STATE HIGHWAY-LOOP OR SPUR
- P21 STATE HIGHWAY PARK ROAD
- 144 FARM , RANCH OR C.R. ROAD
- R15 RECREATIONAL ROAD
- B77 BUSINESS ROUTES

SYMBOL LEGEND

- PROPOSED US 77
- UNION PACIFIC RR
- BYPASS STUDY AREAS
- US BORDER PATROL INSPECTION STATION
- WEIGH STATION
- CATTLE PASS BRIDGE
- REST AREA
- POWER SUB-STATION
- MP 750 MILE POST
- HISTORICAL KING RANCH

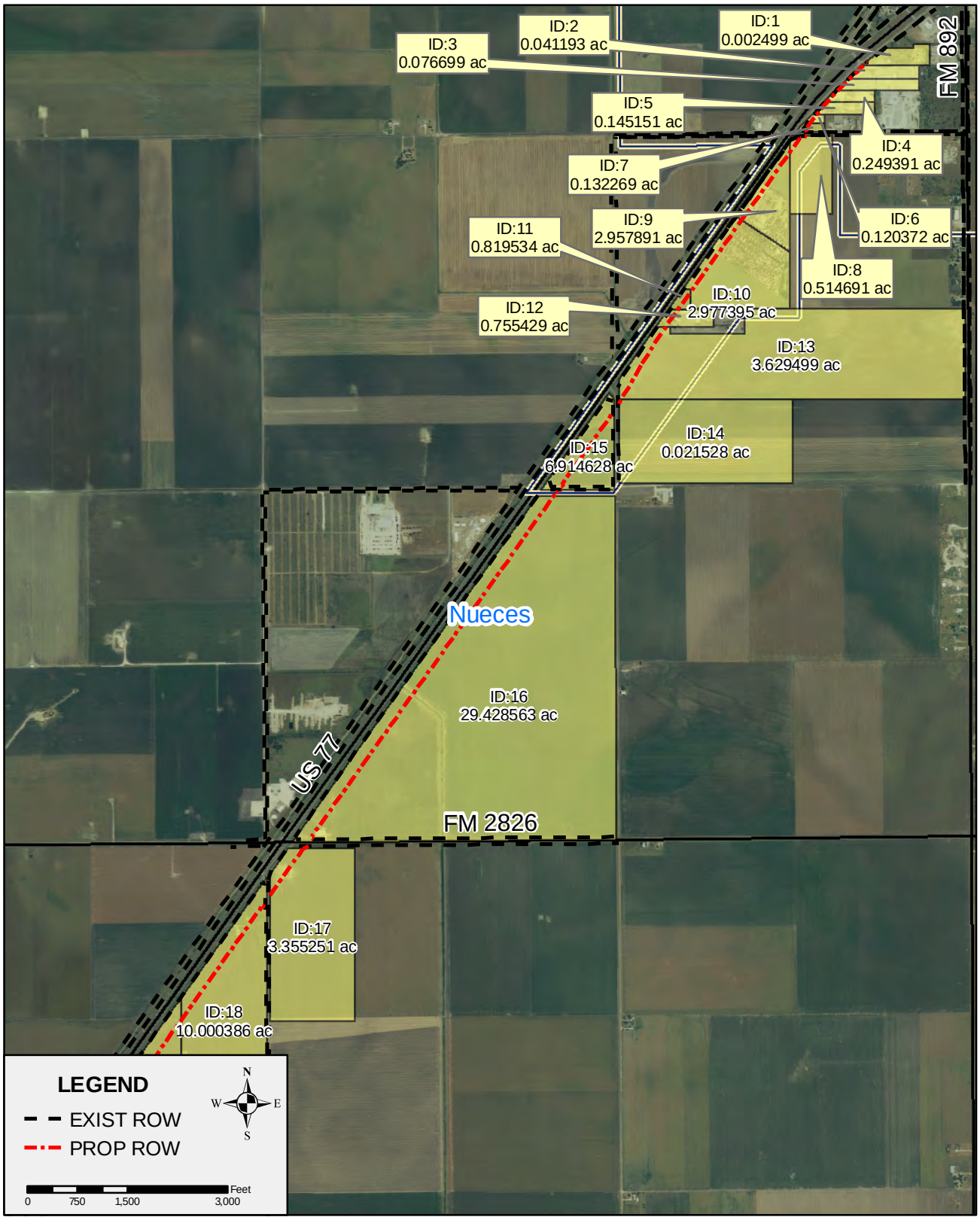
US 77 HIGHWAY

CSJ 1111-07-004

OVERVIEW MAP
FIGURE A.3.2-1

I:\US77 LINE DIAGRAMS\DGN\SHEETS\FINAL Conceptual Design\Public Slides\US77KeyMapExhibit.dgn

Figure A.4.1-1 Right-of-Way Acquisitions



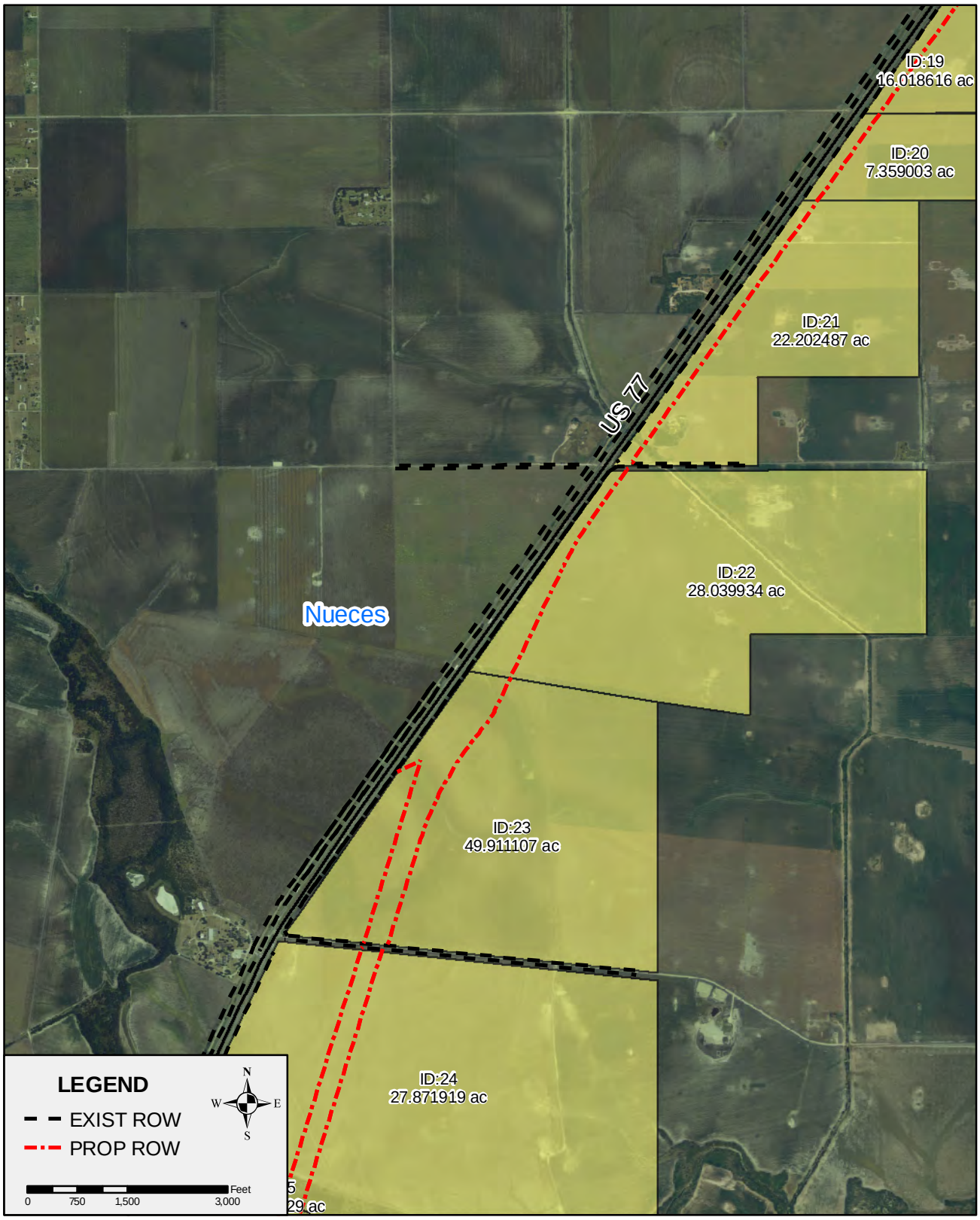
US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-1

Date Created: January 2010

Figure A.4.1-2 Right-of-Way Acquisitions



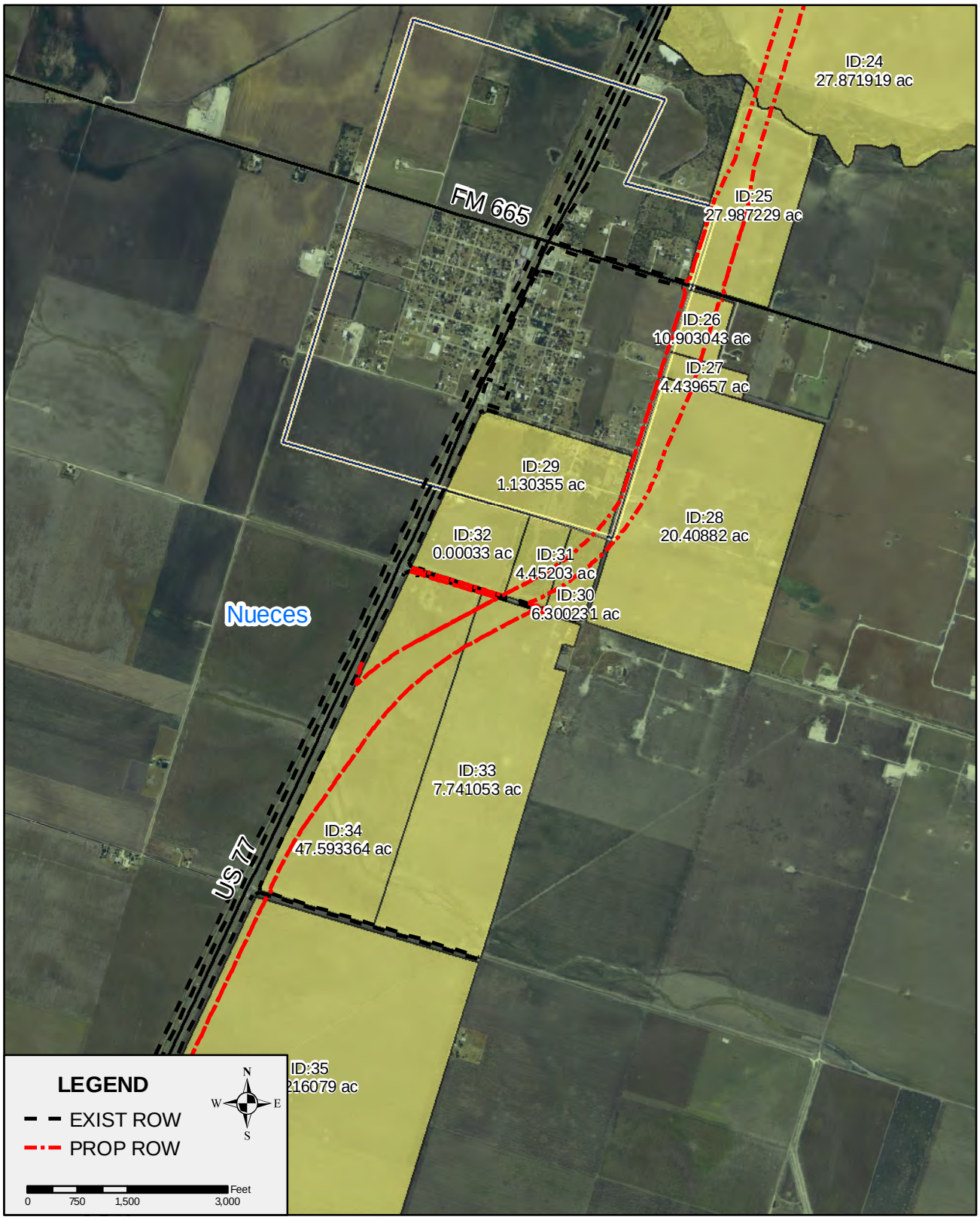
US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-2

Date Created: January 2010

Figure A.4.1-3 Right-of-Way Acquisitions



US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-3

Date Created: January 2010

Figure A.4.1-4 Right-of-Way Acquisitions

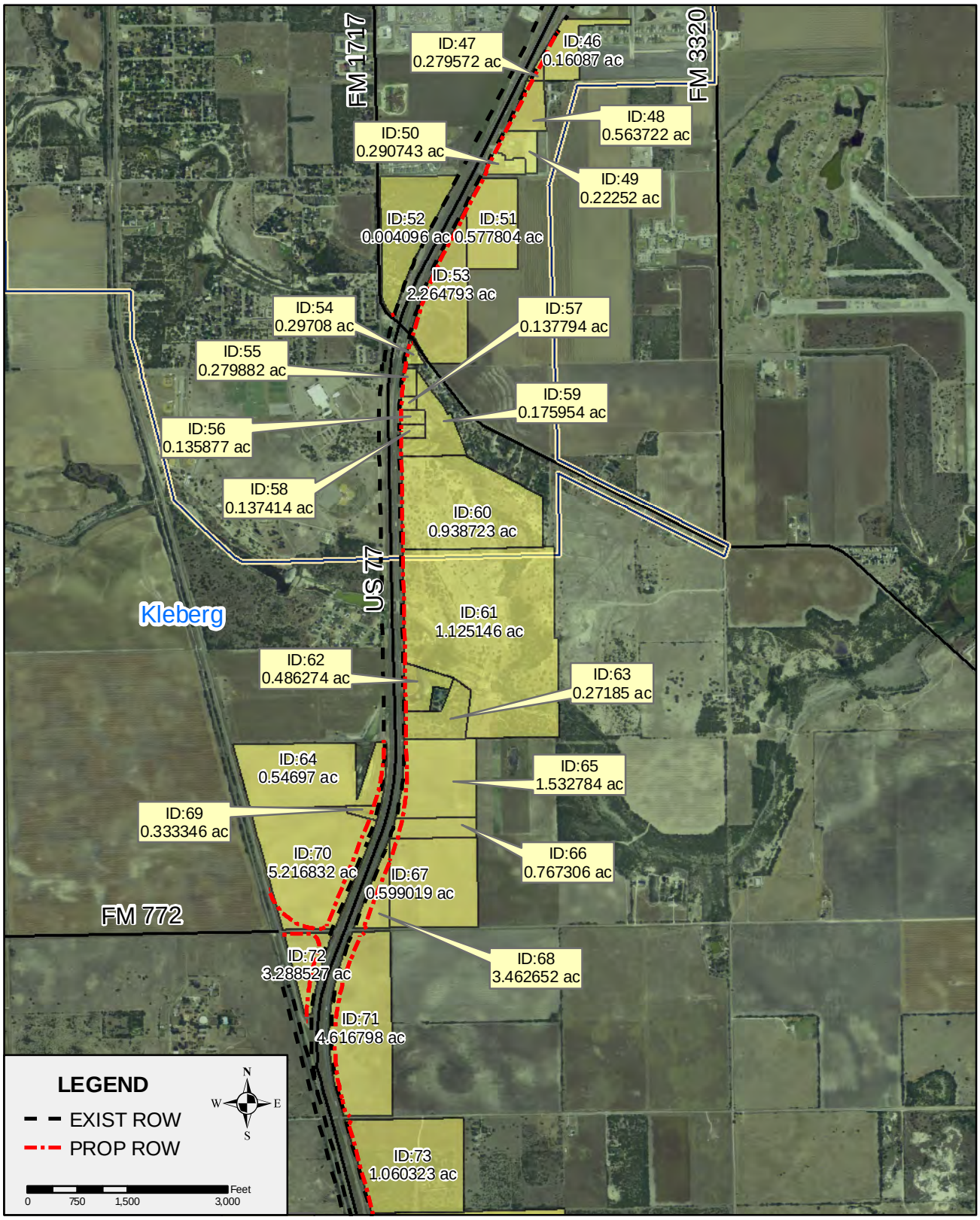
US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-4

Date Created: January 2010

Figure A.4.1-5 Right-of-Way Acquisitions



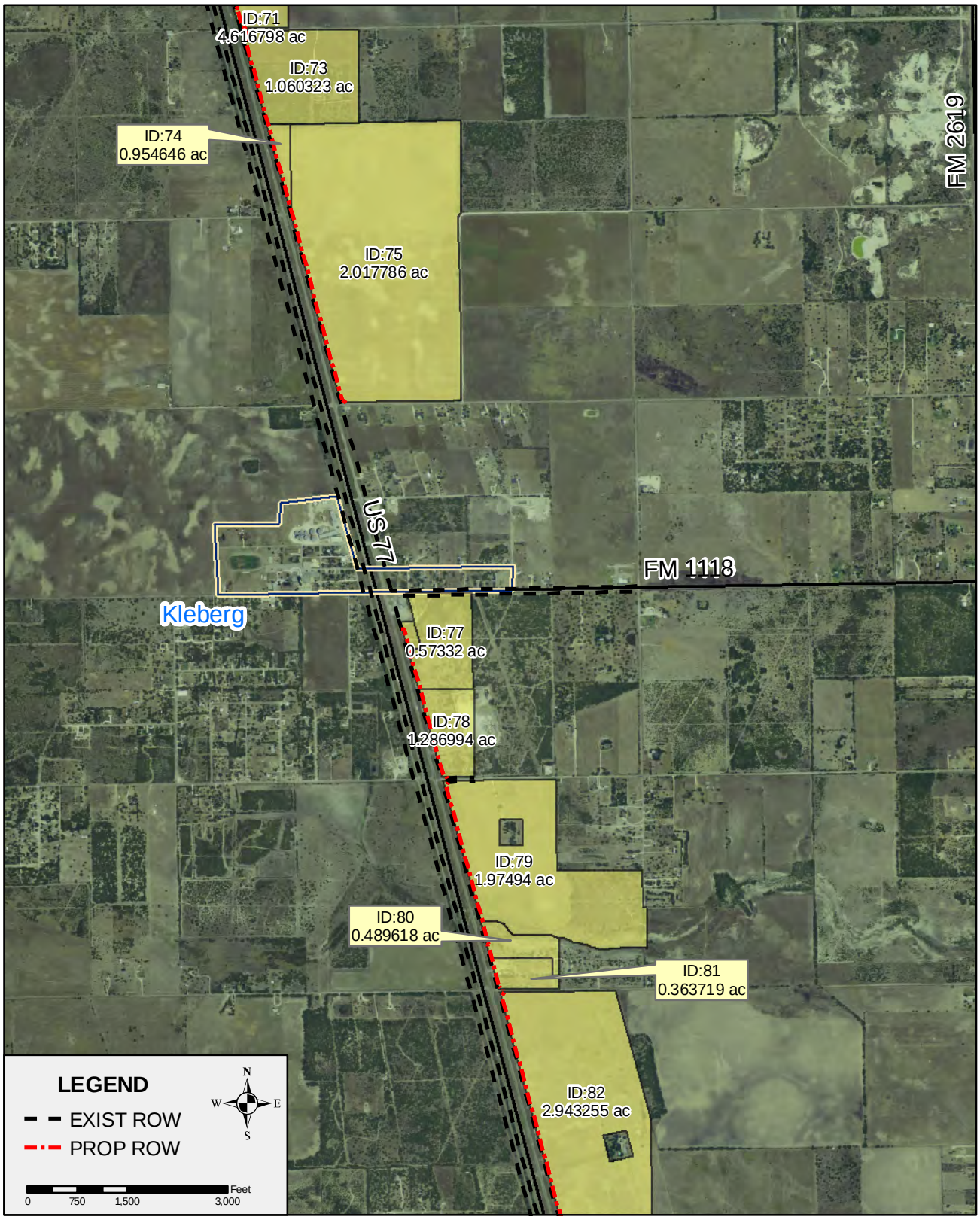
US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-5

Date Created: January 2010

Figure A.4.1-6 Right-of-Way Acquisitions



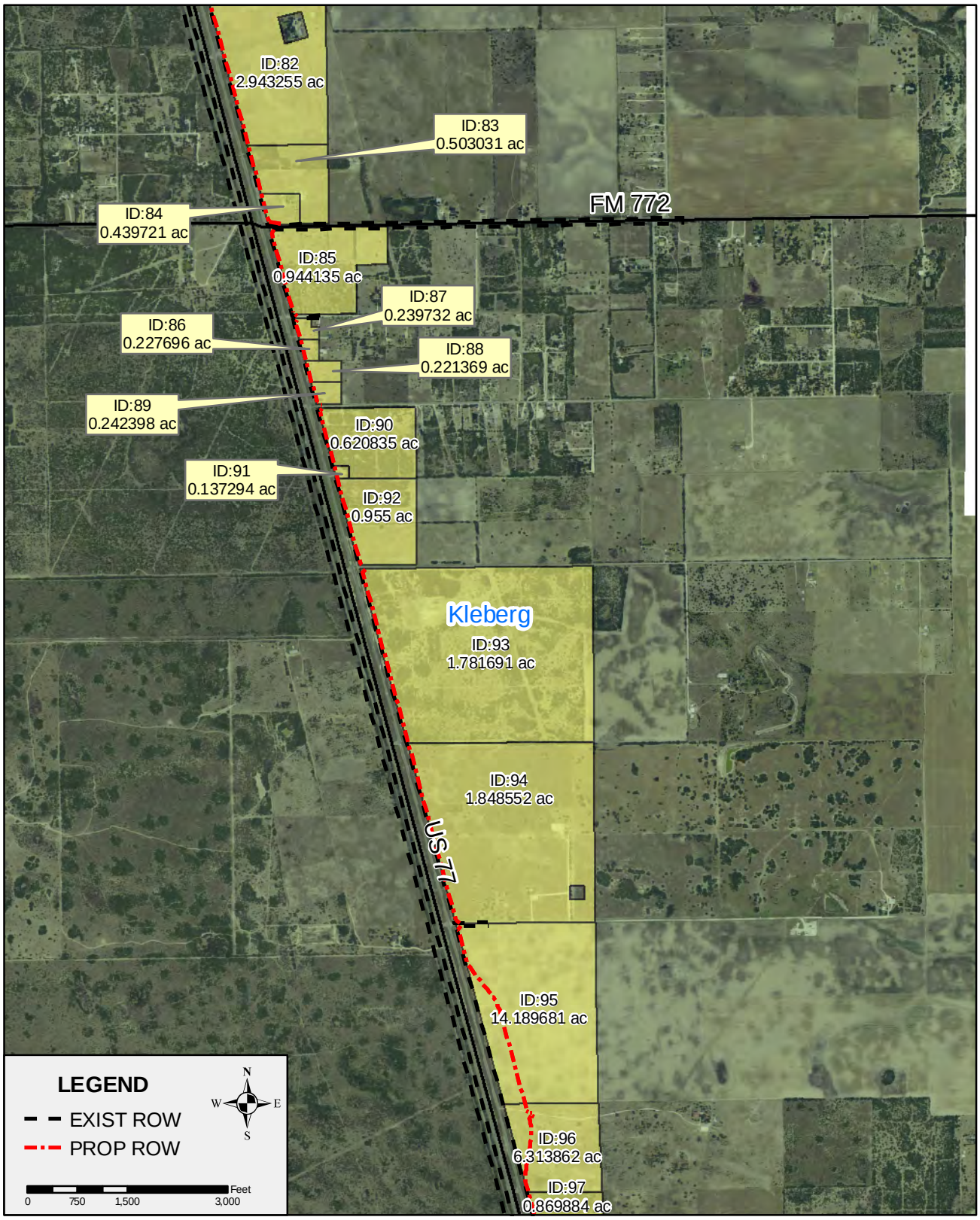
US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-6

Date Created: January 2010

Figure A.4.1-7 Right-of-Way Acquisitions



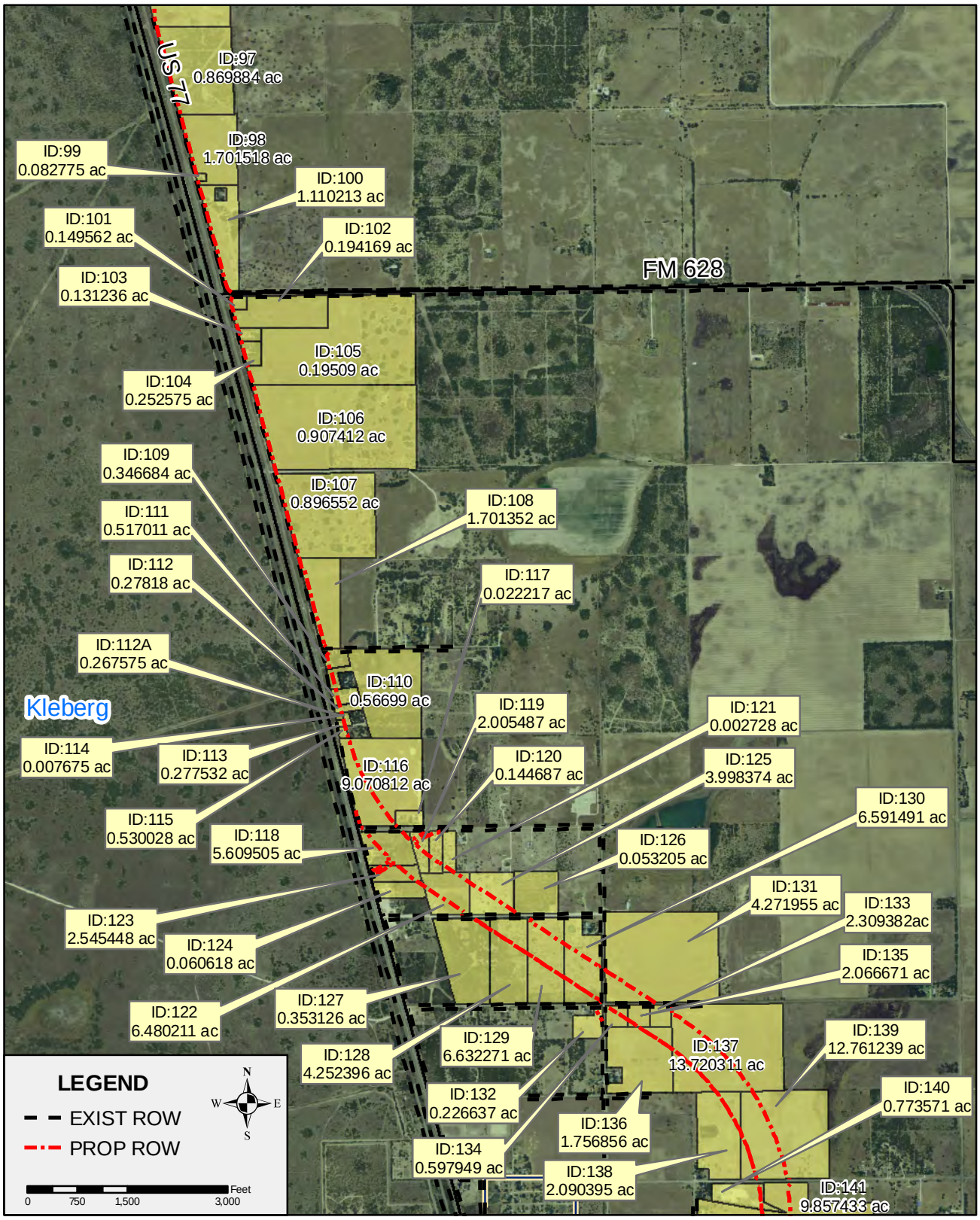
US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-7

Date Created: January 2010

Figure A.4.1-8 Right-of-Way Acquisitions



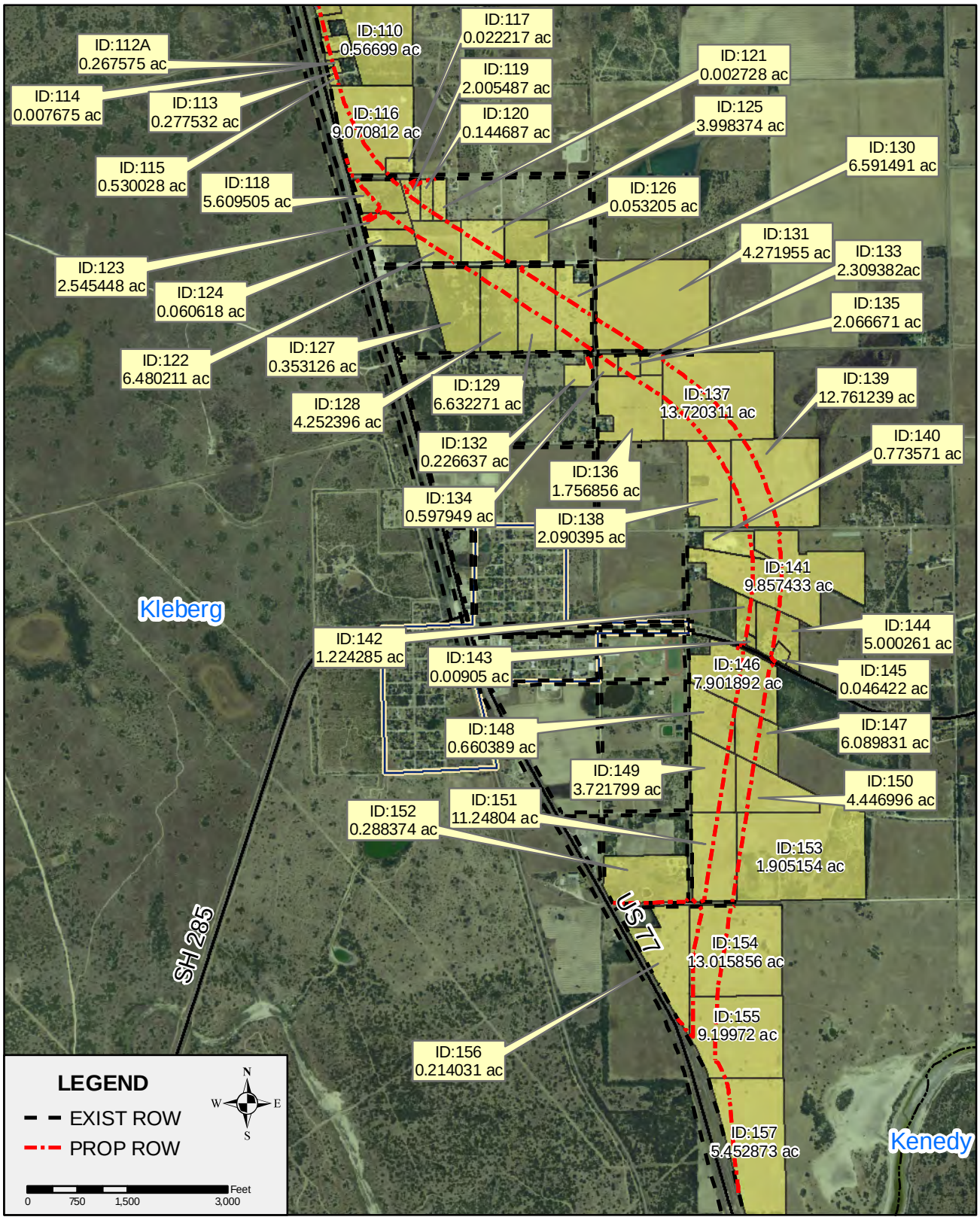
US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-8

Date Created: January 2010

Figure A.4.1-9 Right-of-Way Acquisitions



US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Right-of-way Acquisitions
Figure A.4.1-9

Date Created: January 2010

Figure A.4.1-10 Potential Displacements and Relocations Kleberg and Nueces Counties

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

Feet
0 75 150 300

Figure A.4.1-10
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-11 Potential Displacements and Relocations Kleberg and Nueces Counties

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND

- EXIST ROW
- PROP ROW
- Parcels

0 75 150 300 Feet

Figure A.4.1-11
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-12 Potential Displacements and Relocations Kleberg and Nueces Counties

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

0 50 100 200 Feet

Figure A.4.1-12
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-13 Potential Displacements and Relocations Kleberg and Nueces Counties

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

Feet
0 100 200 400

Figure A.4.1-13
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-14 Potential Displacements and Relocations Kleberg and Nueces Counties

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

Feet
0 50 100 200

Figure A.4.1-14
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-15 Potential Displacements and Relocations Kleberg and Nueces Counties

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

Feet
0 25 50 100

Figure A.4.1-15
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-16 Potential Displacements and Relocations Kleberg and Nueces Counties

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

0 75 150 300 Feet

Figure A.4.1-16
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-17 Potential Displacements and Relocations Kleberg and Nueces Counties

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

0 75 150 300 Feet

Figure A.4.1-17
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-18 Potential Displacements and Relocations Kleberg and Nueces Counties

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

LEGEND
- EXIST ROW
- PROP ROW
- Parcels

0 50 100 200 Feet

Figure A.4.1-18
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-19 Potential Displacements and Relocations Kleberg and Nueces Counties

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

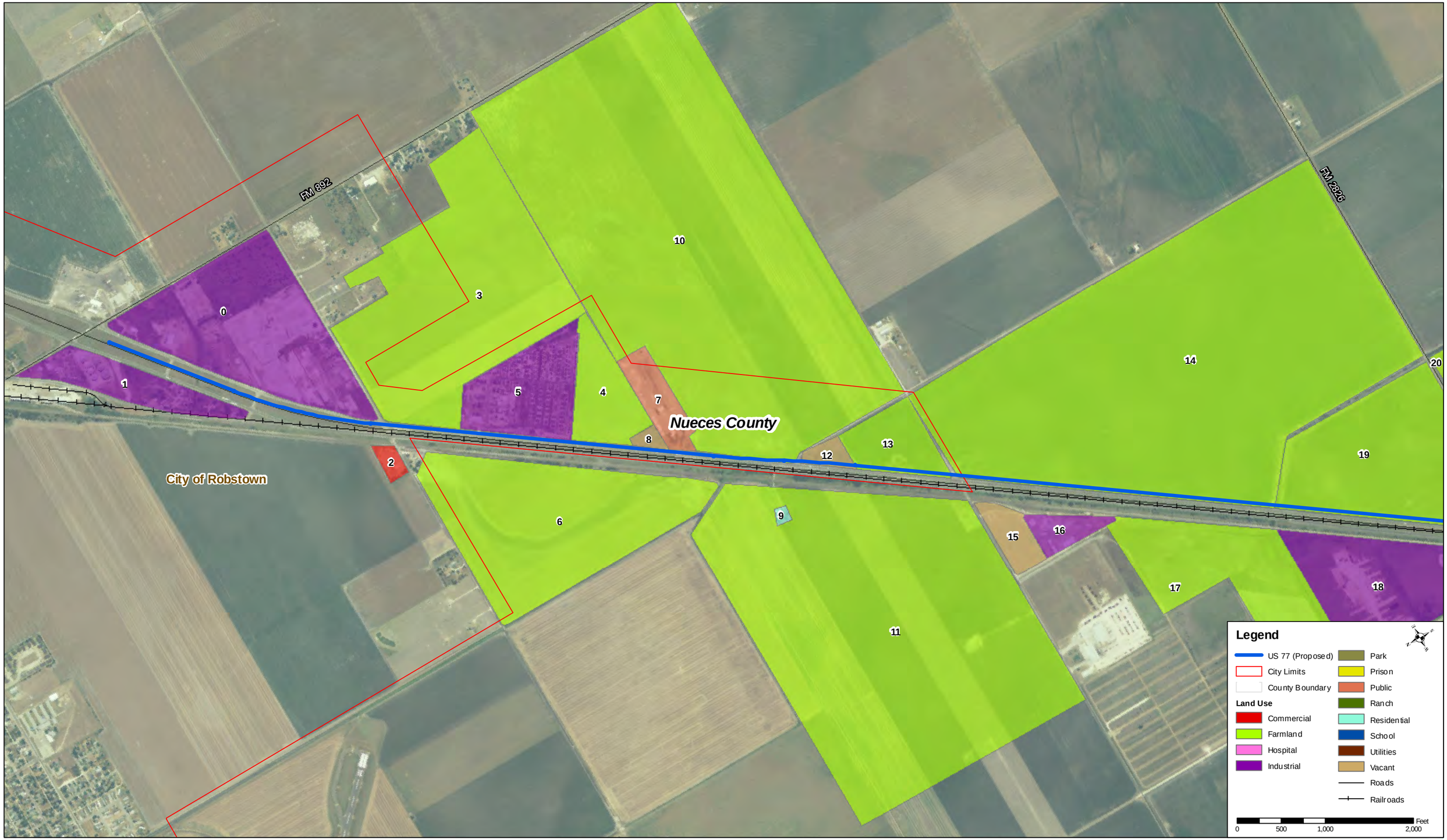
LEGEND
- EXIST ROW
- PROP ROW
- Parcels

0 75 150 300 Feet

Figure A.4.1-19
Potential Displacements and Relocations
Kleberg and Nueces Counties

Date Created: January 2010

Figure A.4.1-20 Existing Land Use - Parcels



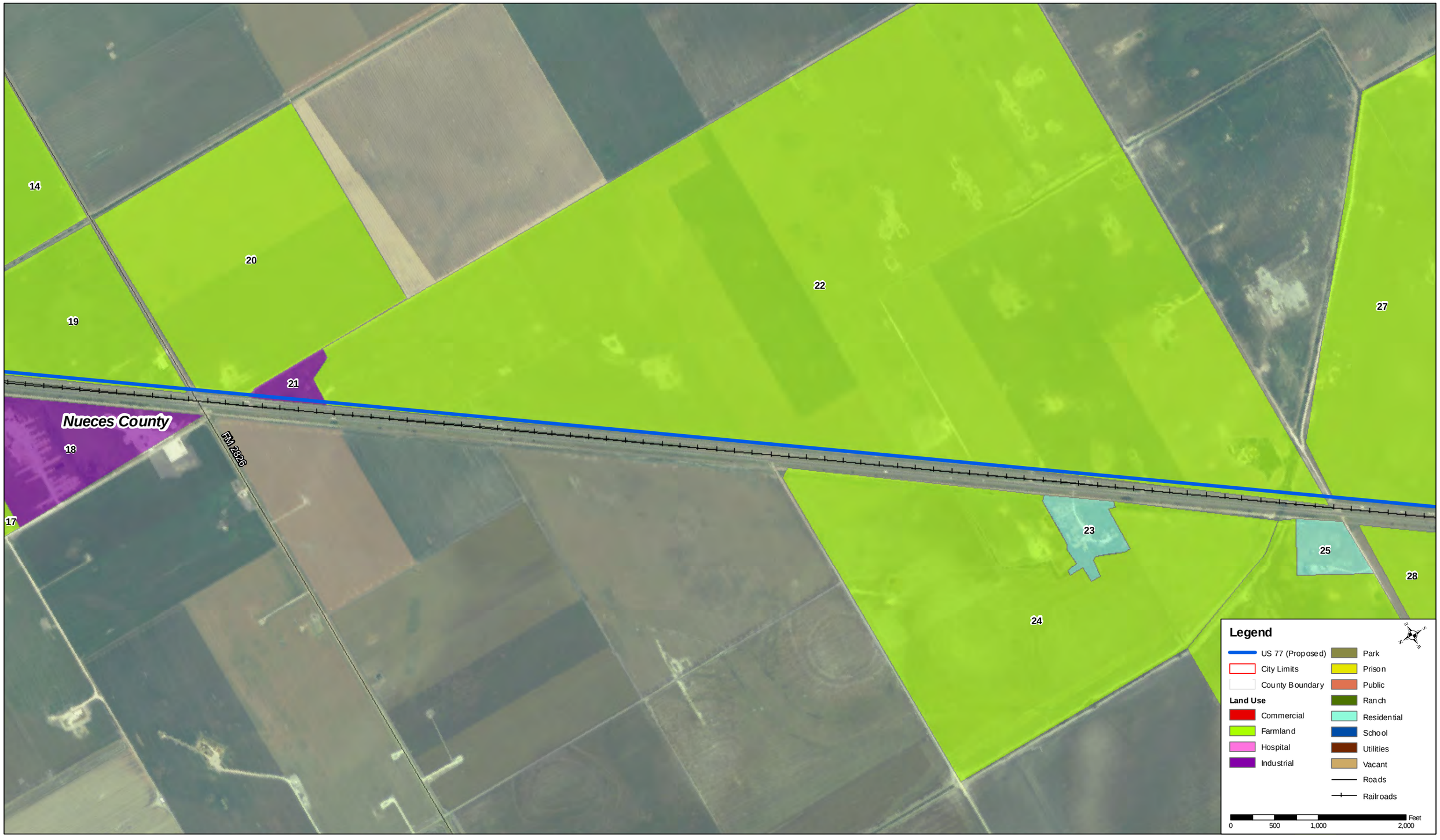
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-20
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-21 Existing Land Use - Parcels



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-21
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-22 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-22
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-23 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-23
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-24 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-24
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-25 Existing Land Use - Parcels

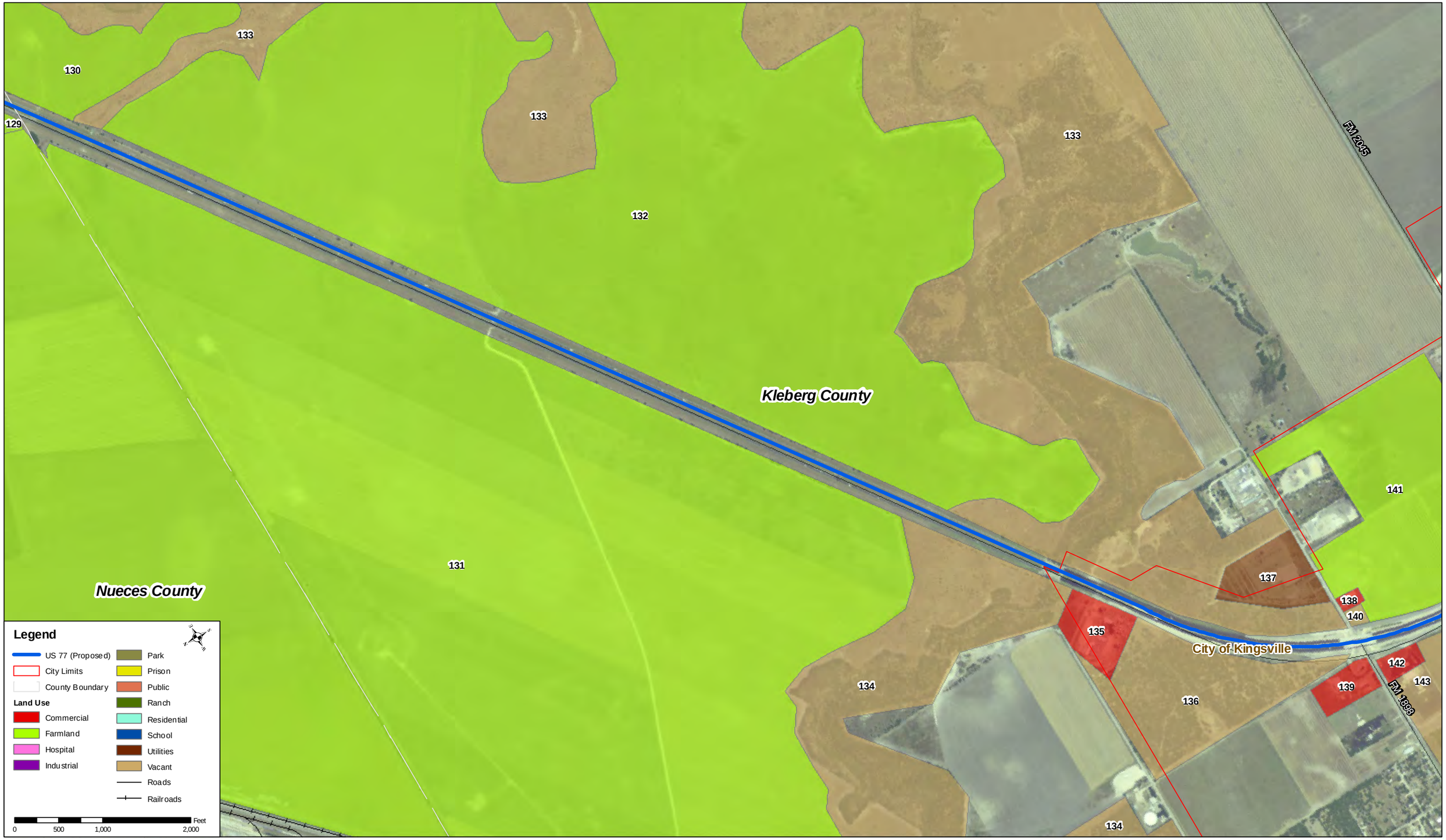
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-25
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-26 Existing Land Use - Parcels



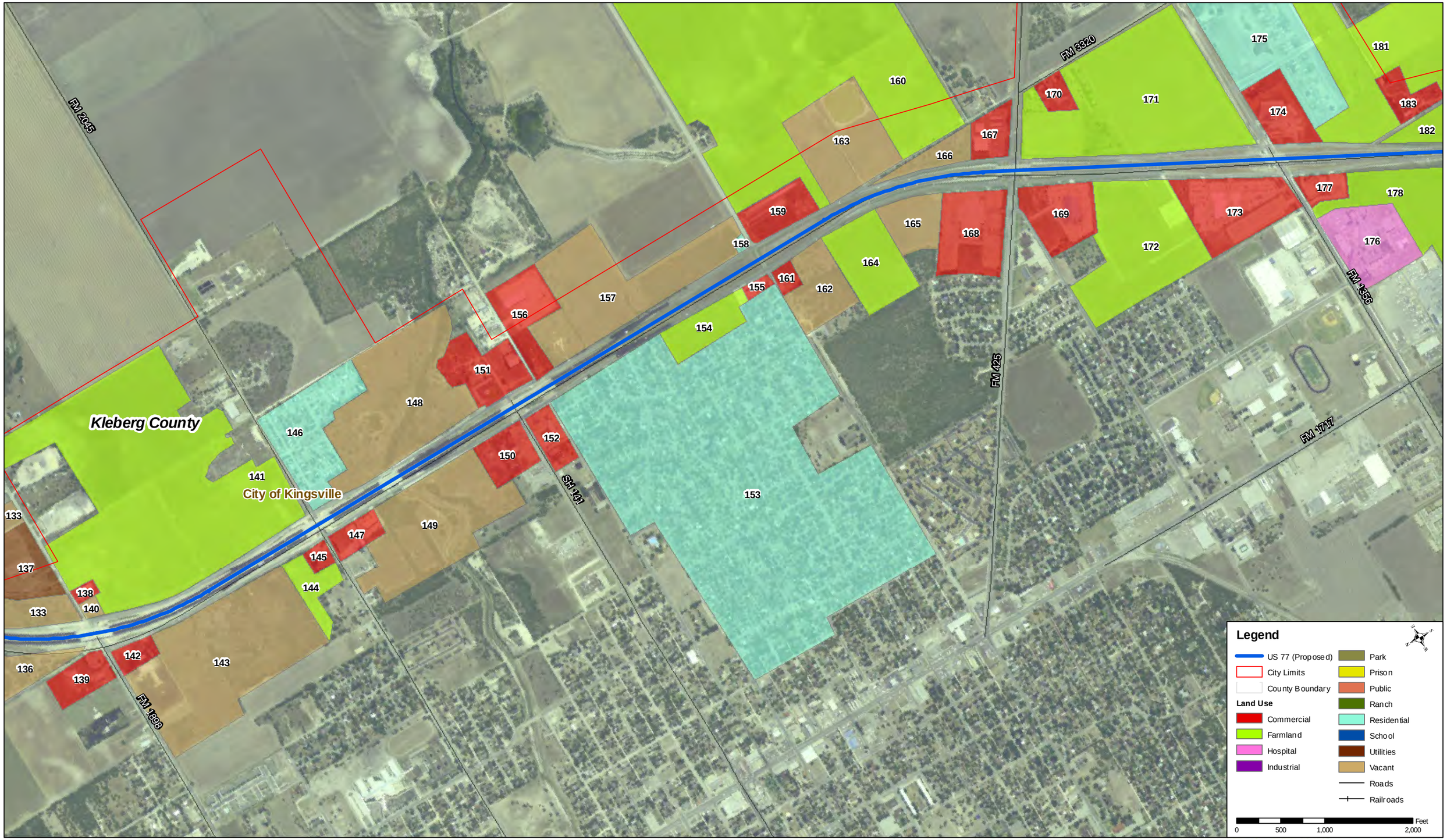
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-26
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-27 Existing Land Use - Parcels



Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-27
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-28 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-28
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-29 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-29
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-30 Existing Land Use - Parcels

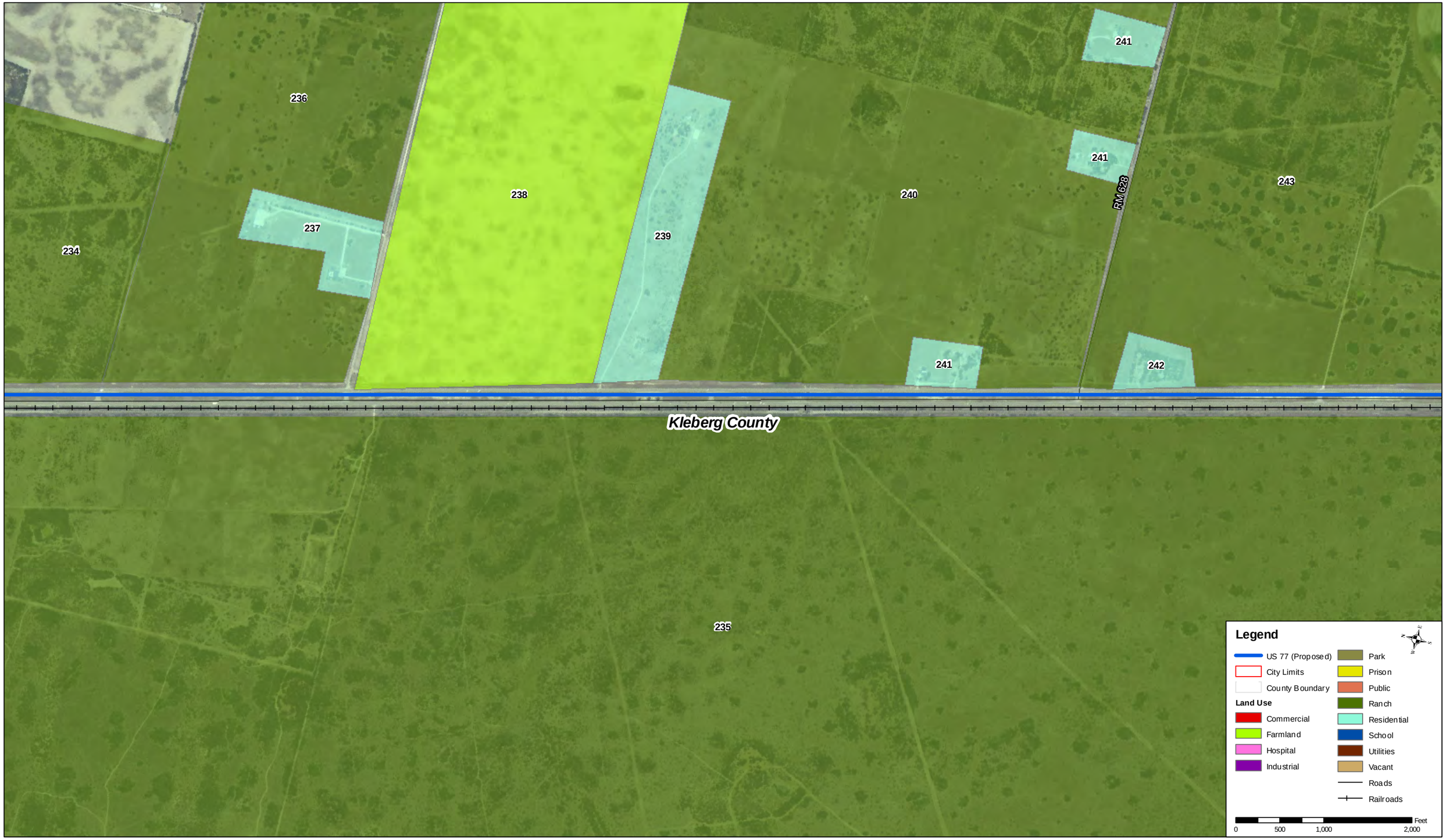
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-30
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-31 Existing Land Use - Parcels



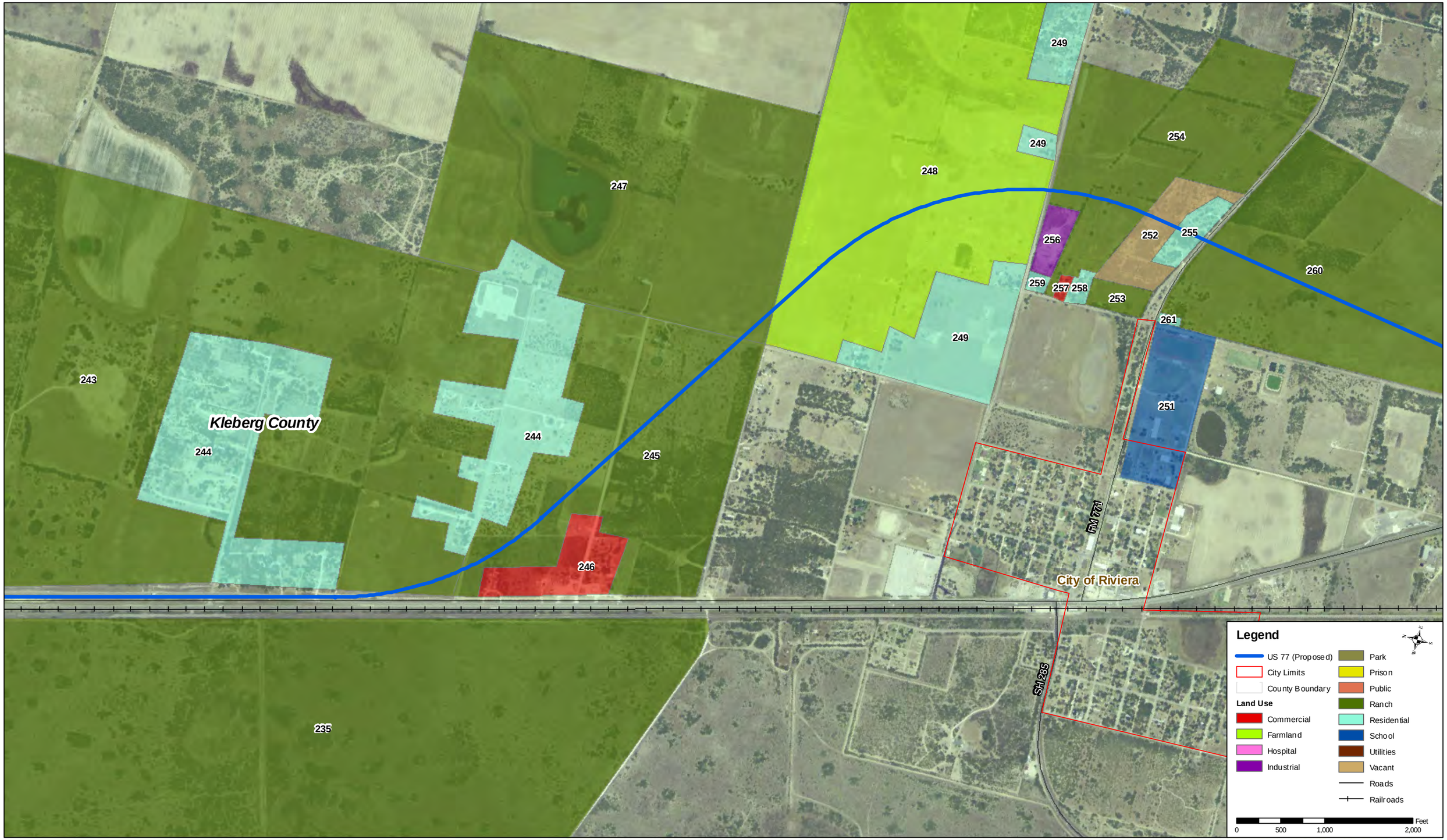
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-31
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-32 Existing Land Use - Parcels



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-32
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-33 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-33
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-34 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-34
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-35 Existing Land Use - Parcels

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-35
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-36 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-36
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-37 Existing Land Use - Parcels

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-37
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-38 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-38
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-39 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-39
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-40 Existing Land Use - Parcels

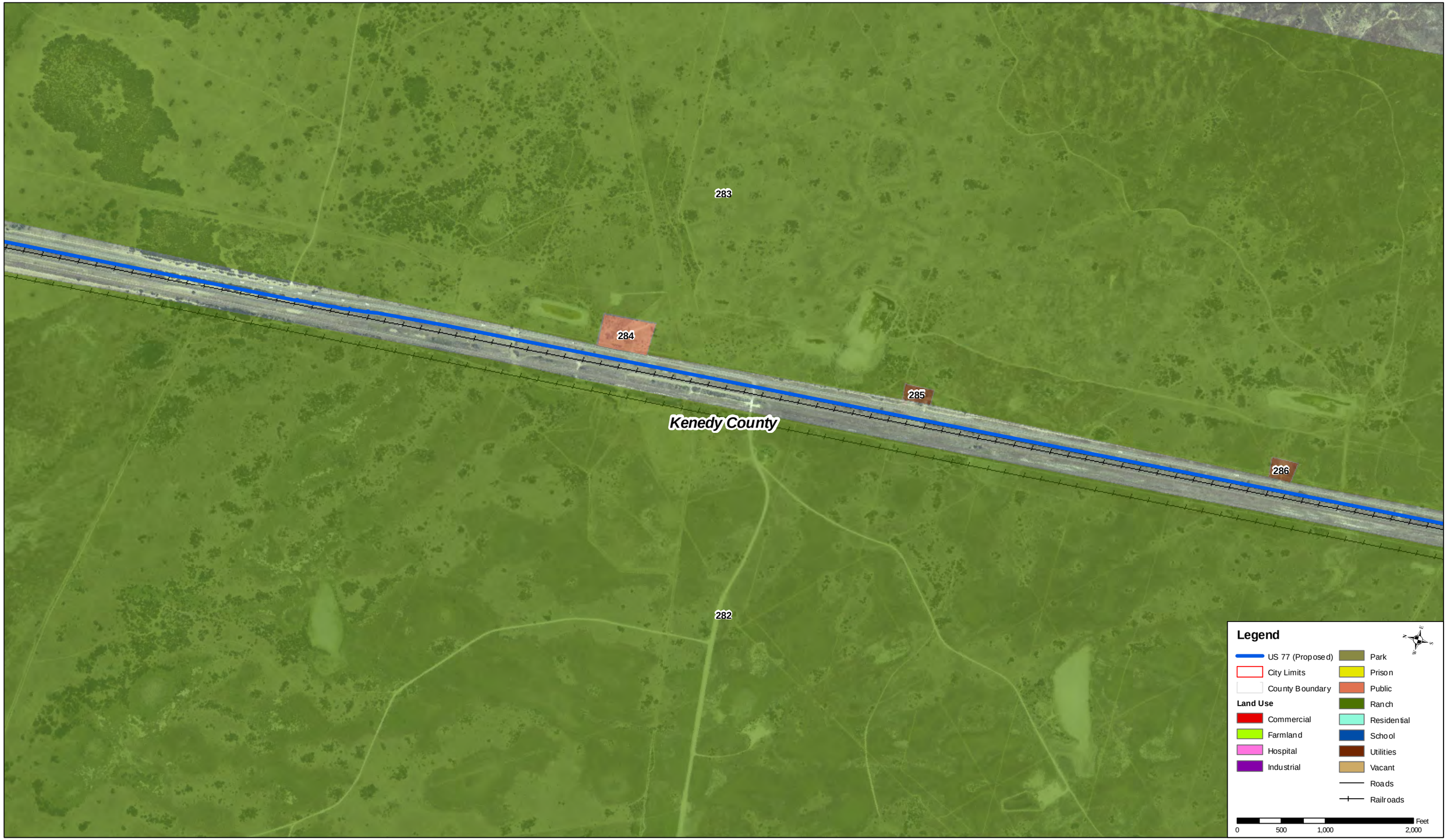
US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-40
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-41 Existing Land Use - Parcels



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-41
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-42 Existing Land Use - Parcels

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-42
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-43 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-43
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-44 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-44
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-45 Existing Land Use - Parcels

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-45
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-46 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-46
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-47 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-47
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-48 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-48
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-49 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-49
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-50 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-50
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-51 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-51
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-52 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-52
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-53 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-53
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-54 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-54
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-55 Existing Land Use - Parcels

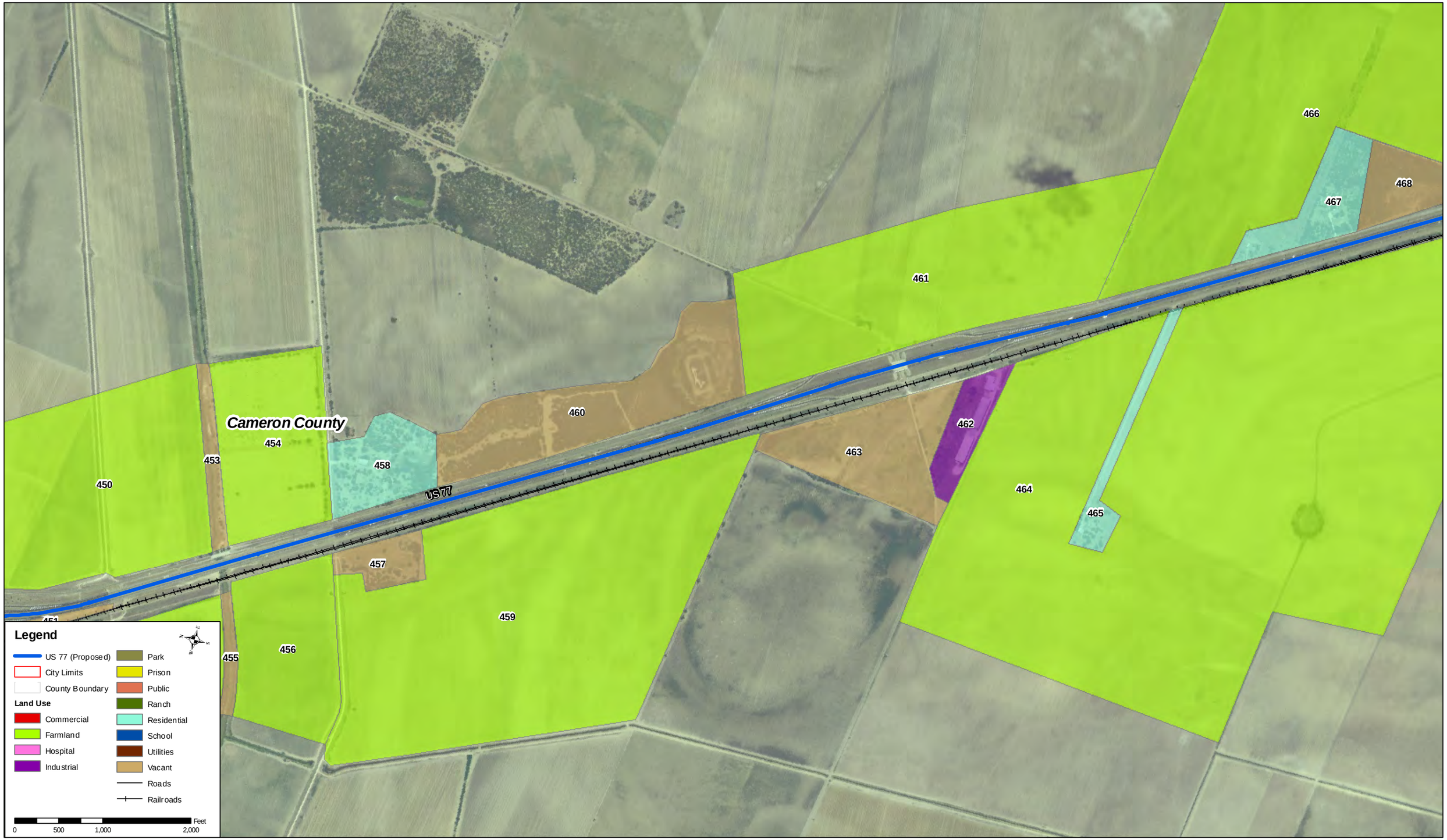
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-55
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-56 Existing Land Use - Parcels



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-56
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-57 Existing Land Use - Parcels

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-57
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-58 Existing Land Use - Parcels

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-58
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-59 Existing Land Use - Parcels

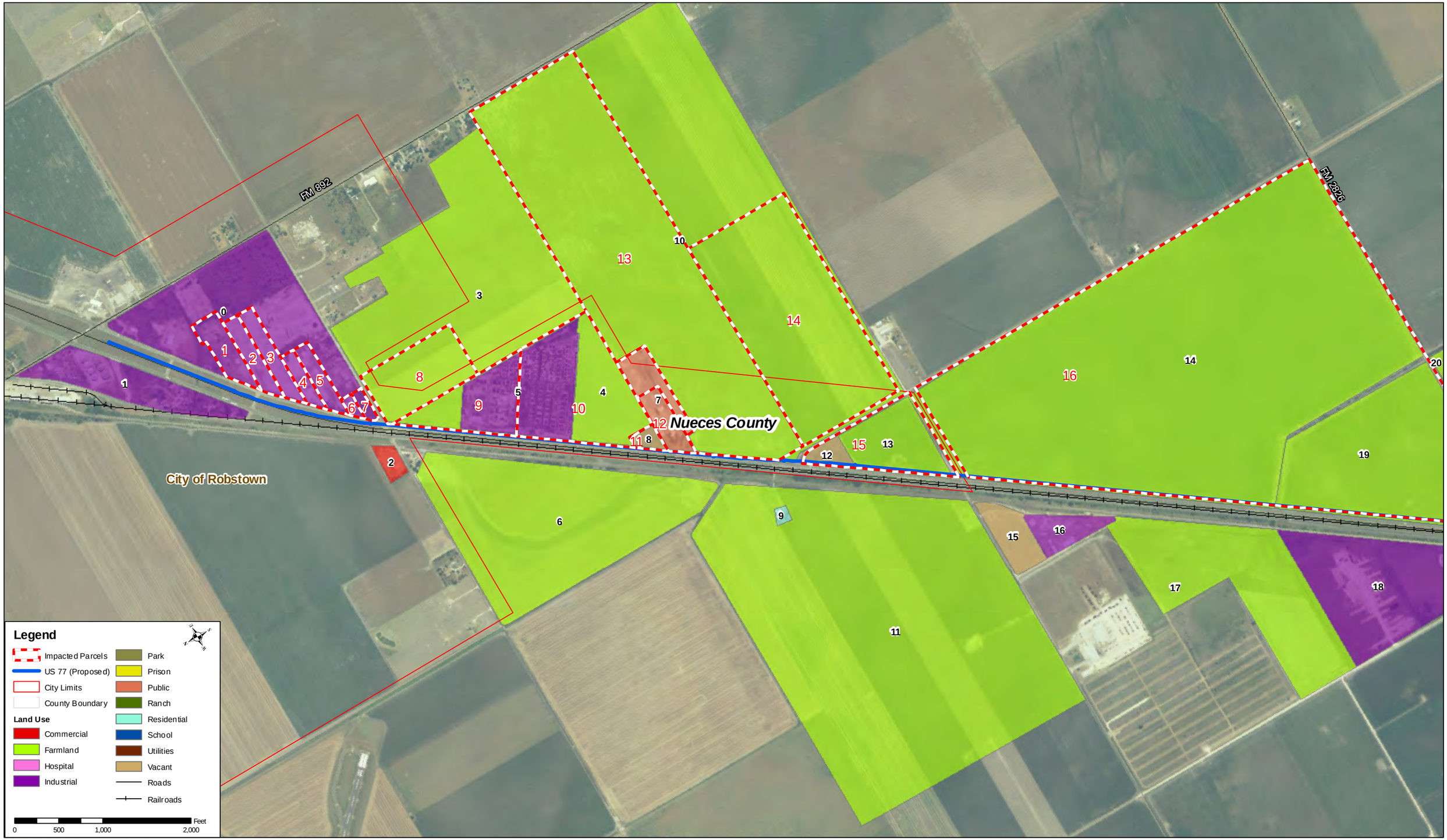
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-59
Existing Land Use - Parcels

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-60 Existing Land Use - Tracts



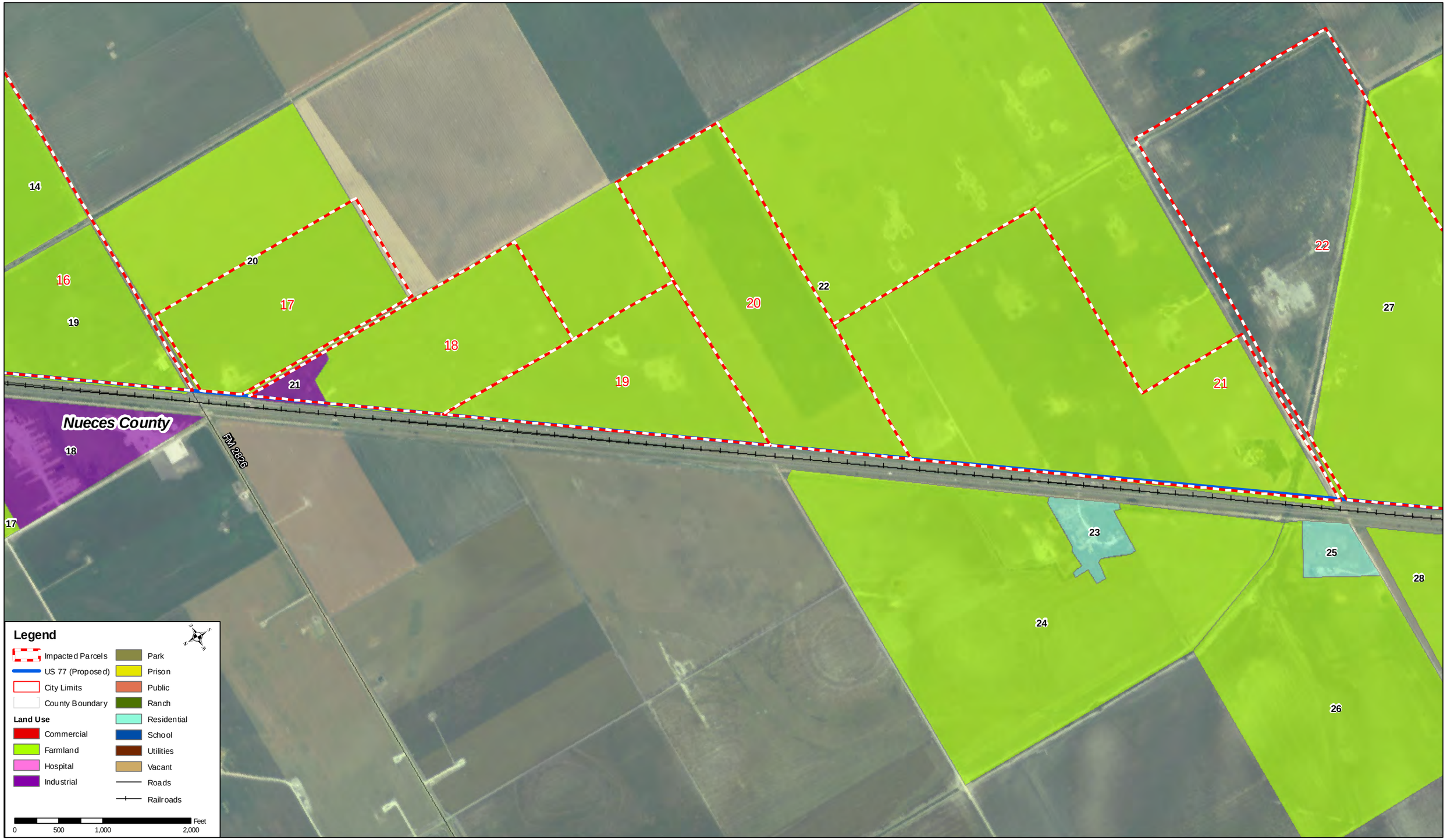
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-60
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-61 Existing Land Use - Tracts



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-61
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-62 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-62
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-63 Existing Land Use - Tracts

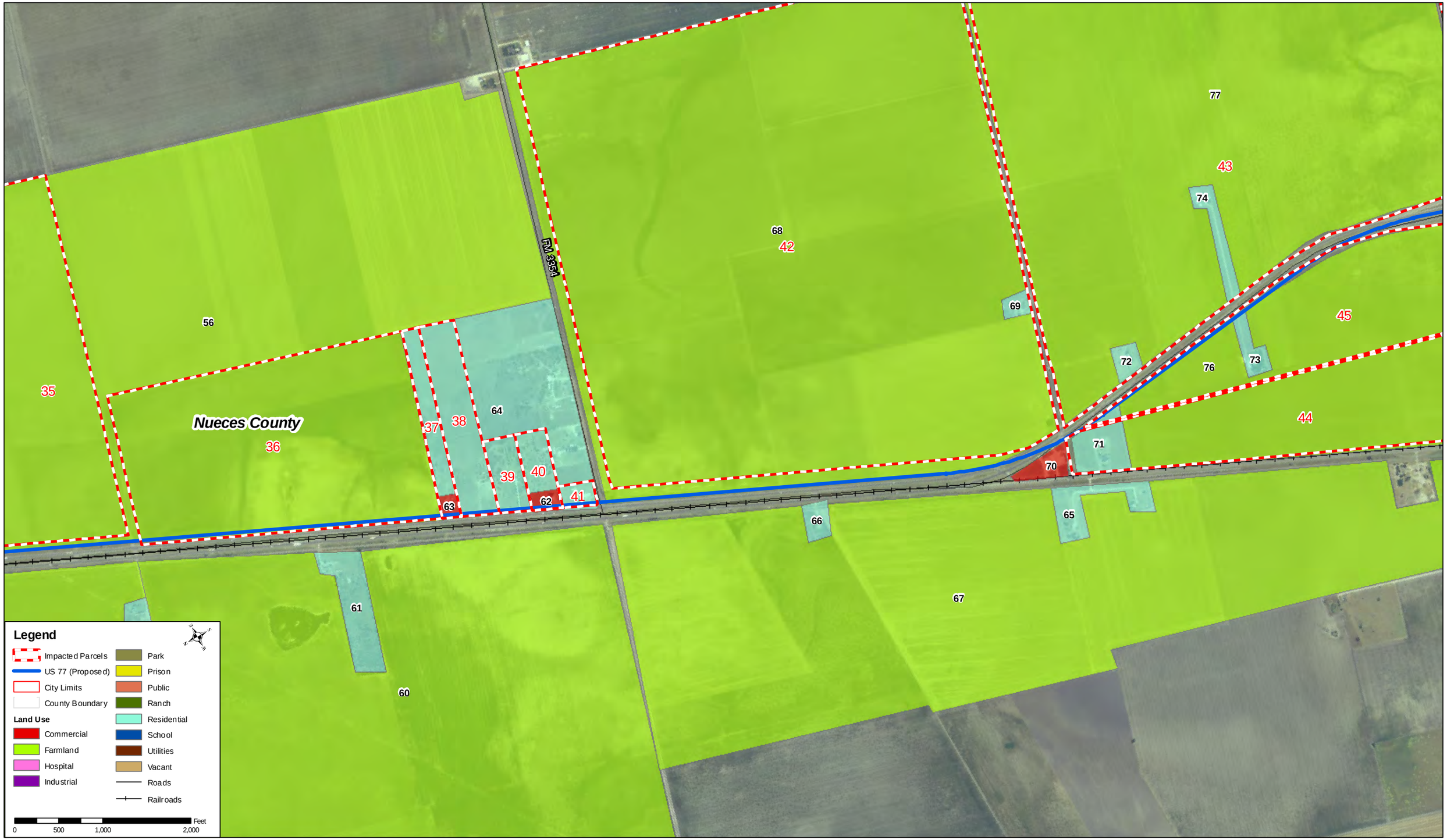
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-63
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-64 Existing Land Use - Tracts



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-64
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-65 Existing Land Use - Tracts

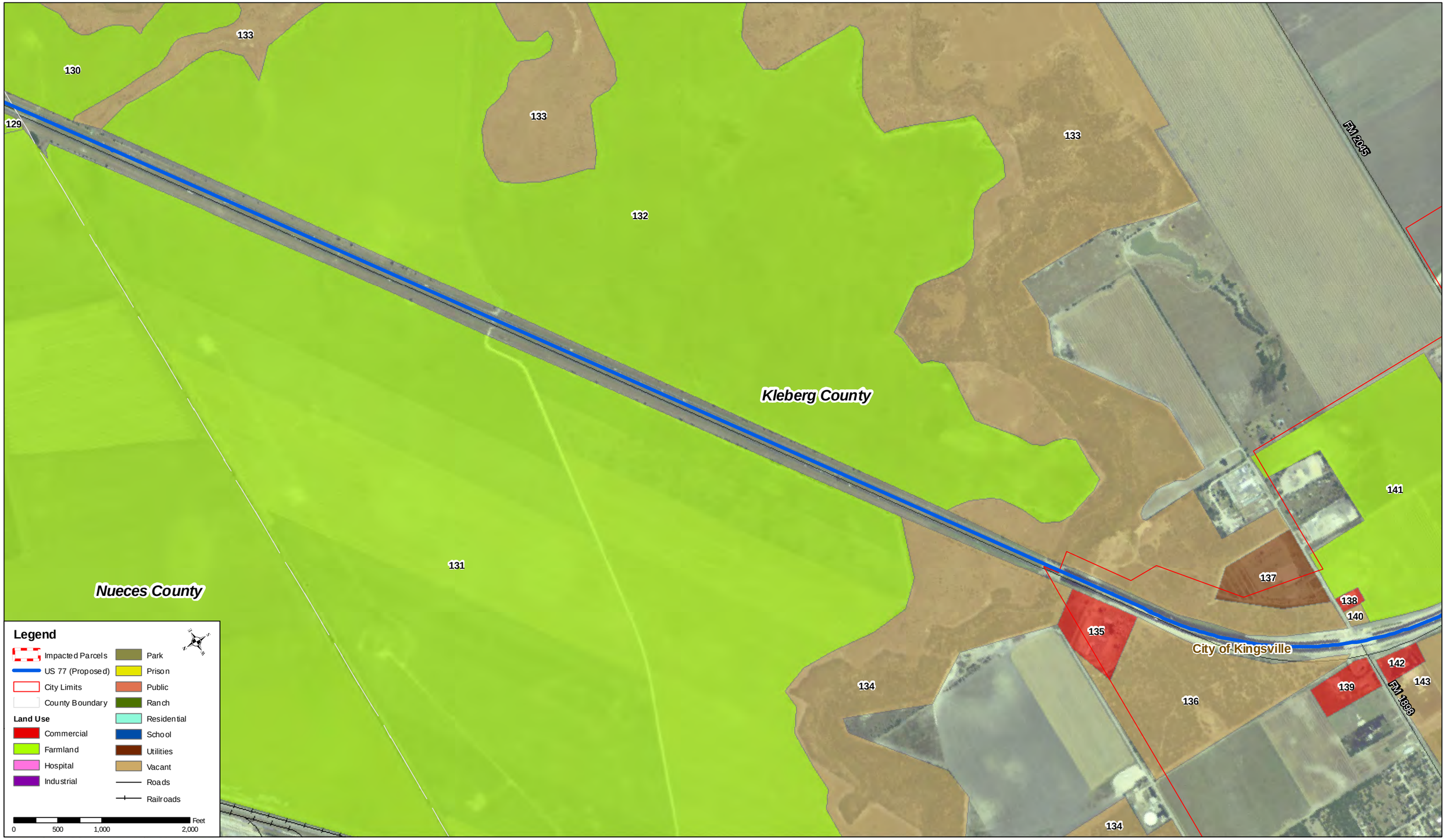
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-65
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-66 Existing Land Use - Tracts



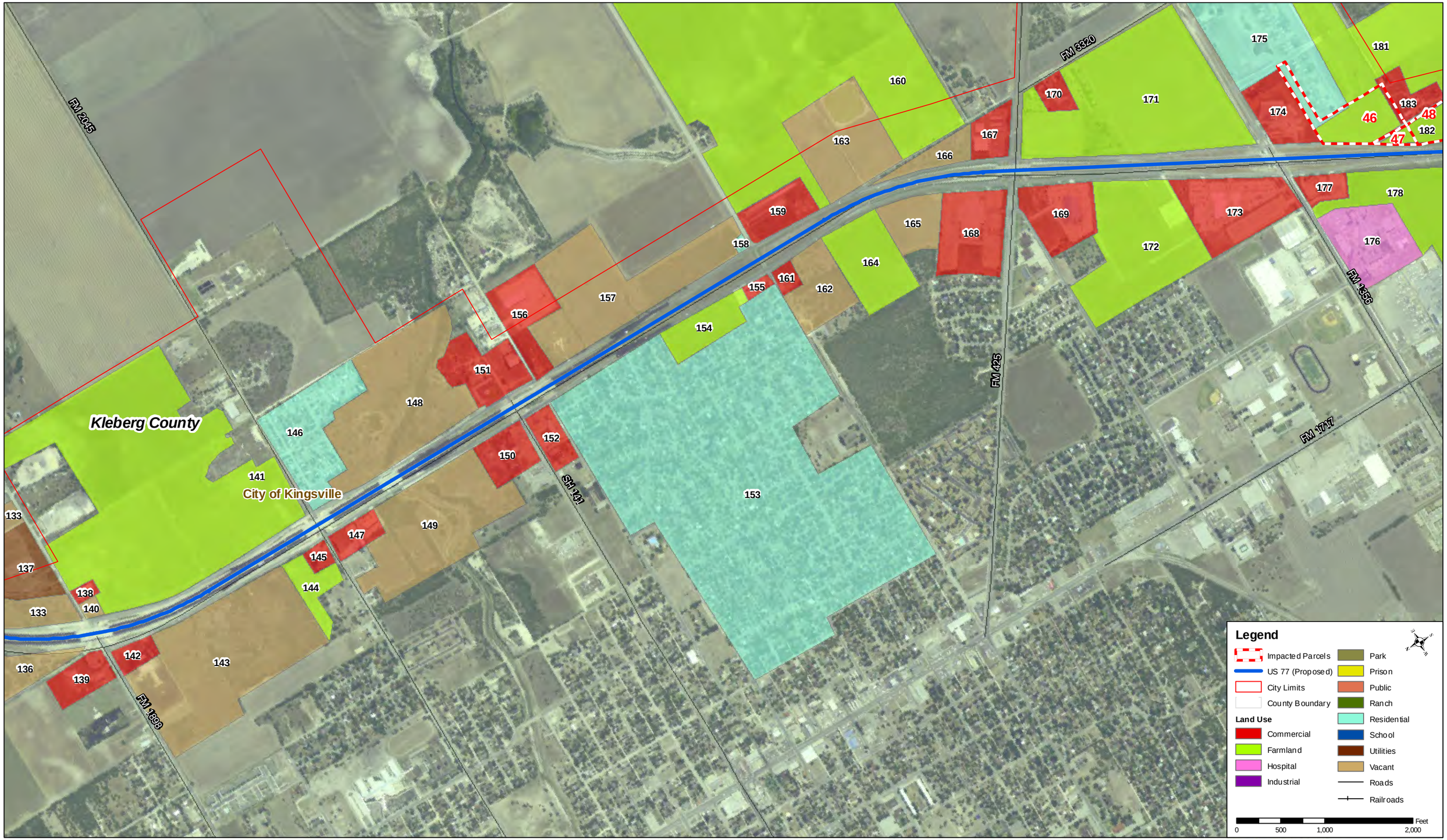
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-66
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-67 Existing Land Use - Tracts



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-67
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

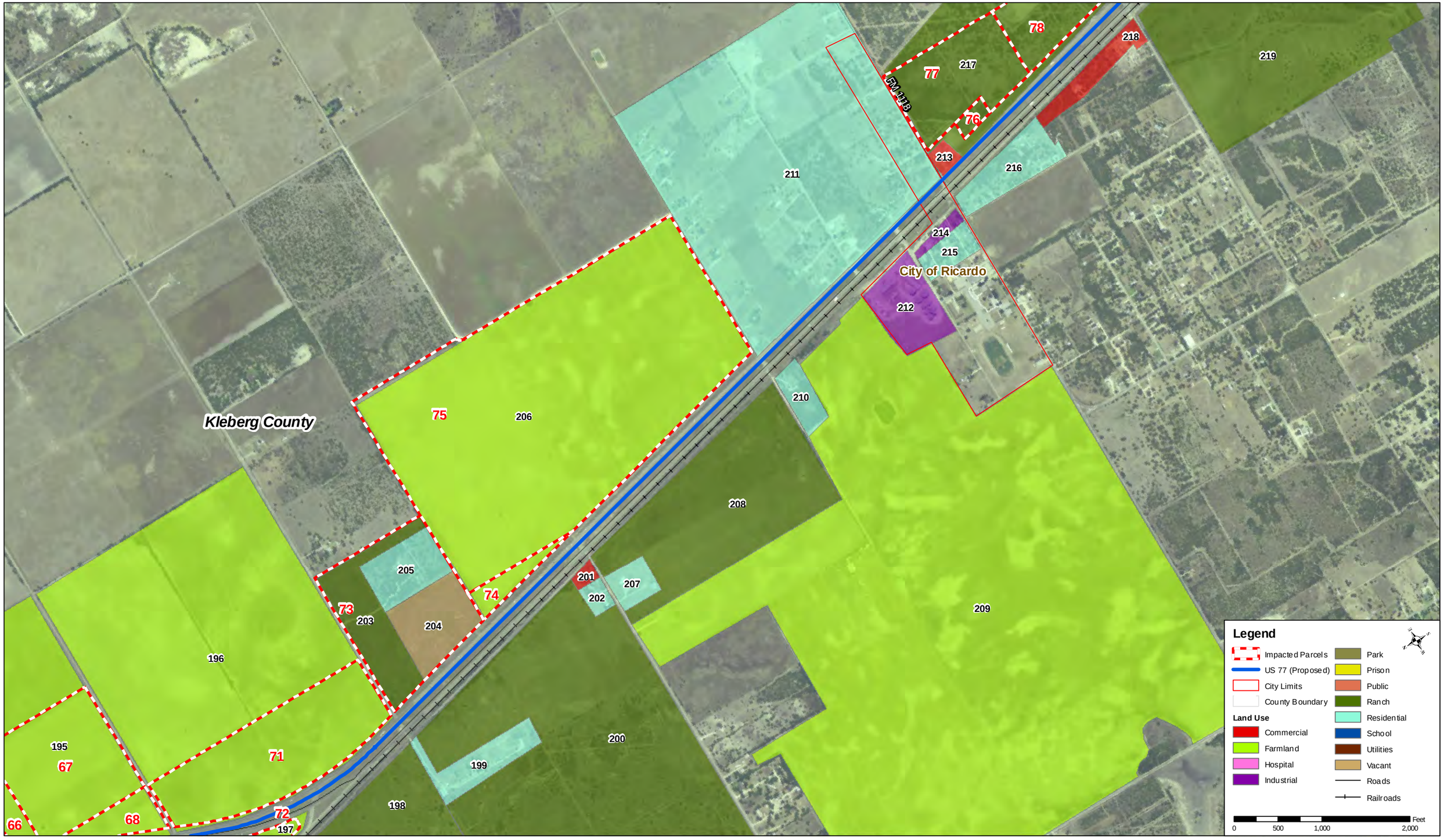
Figure A.4.1-68 Existing Land Use - Tracts

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-68
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-69 Existing Land Use - Tracts



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-69
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-70 Existing Land Use - Tracts

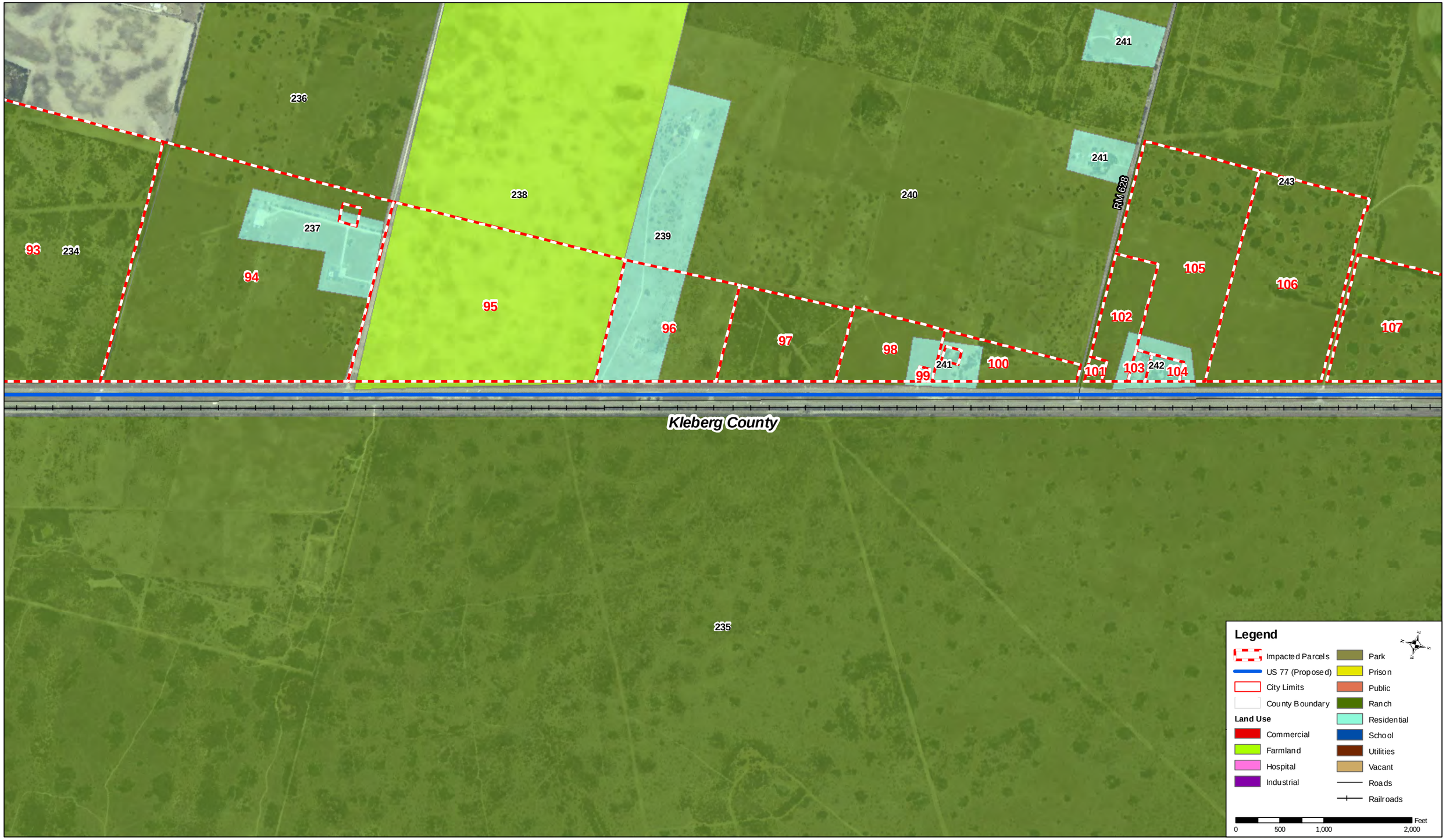
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-70
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-71 Existing Land Use - Tracts



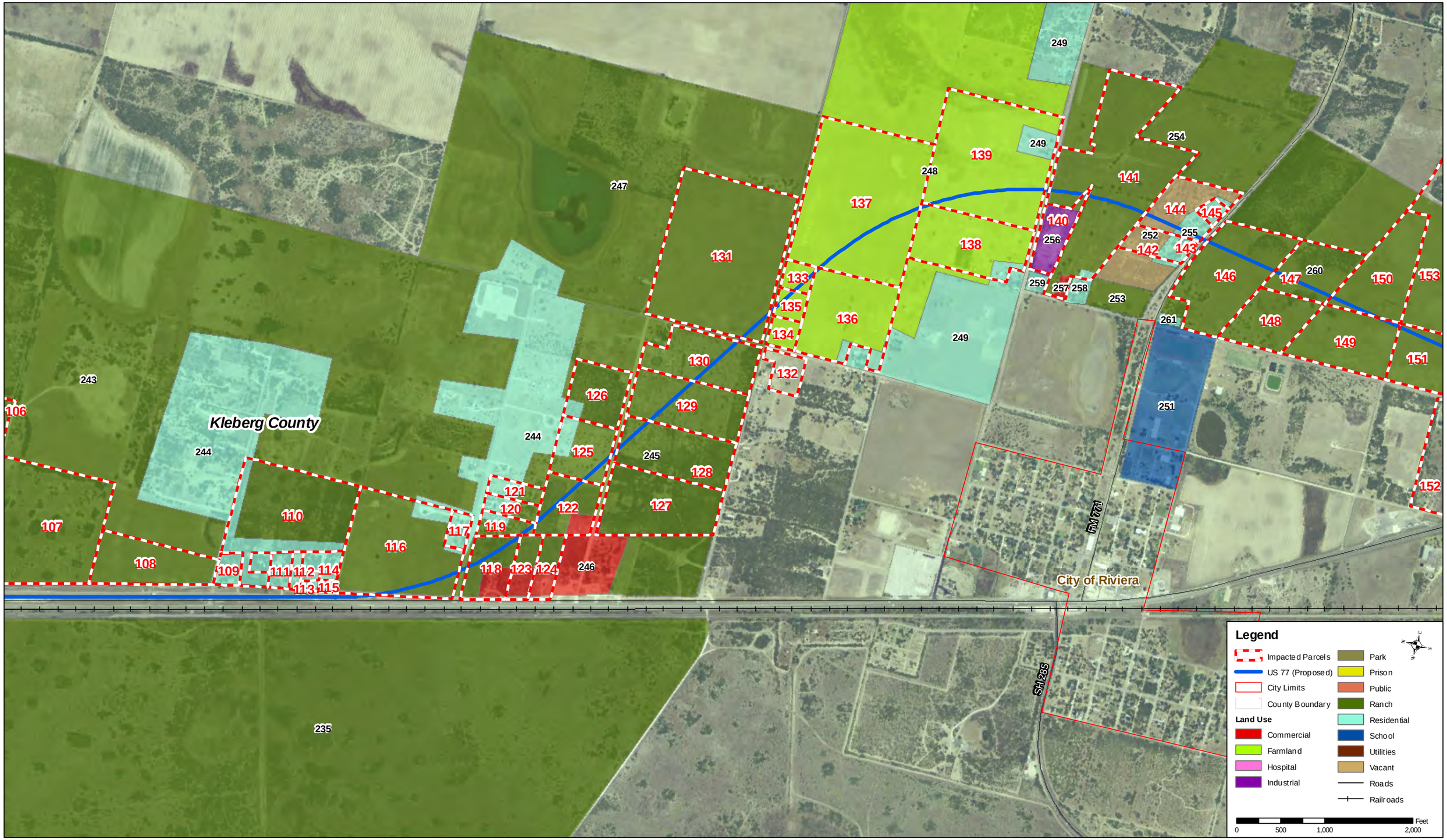
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-71
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-72 Existing Land Use - Tracts



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-72
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-73 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-73
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-74 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-74
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-75 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-75
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-76 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-76
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-77 Existing Land Use - Tracts

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-77
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-78 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-78
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-79 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-79
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-80 Existing Land Use - Tracts

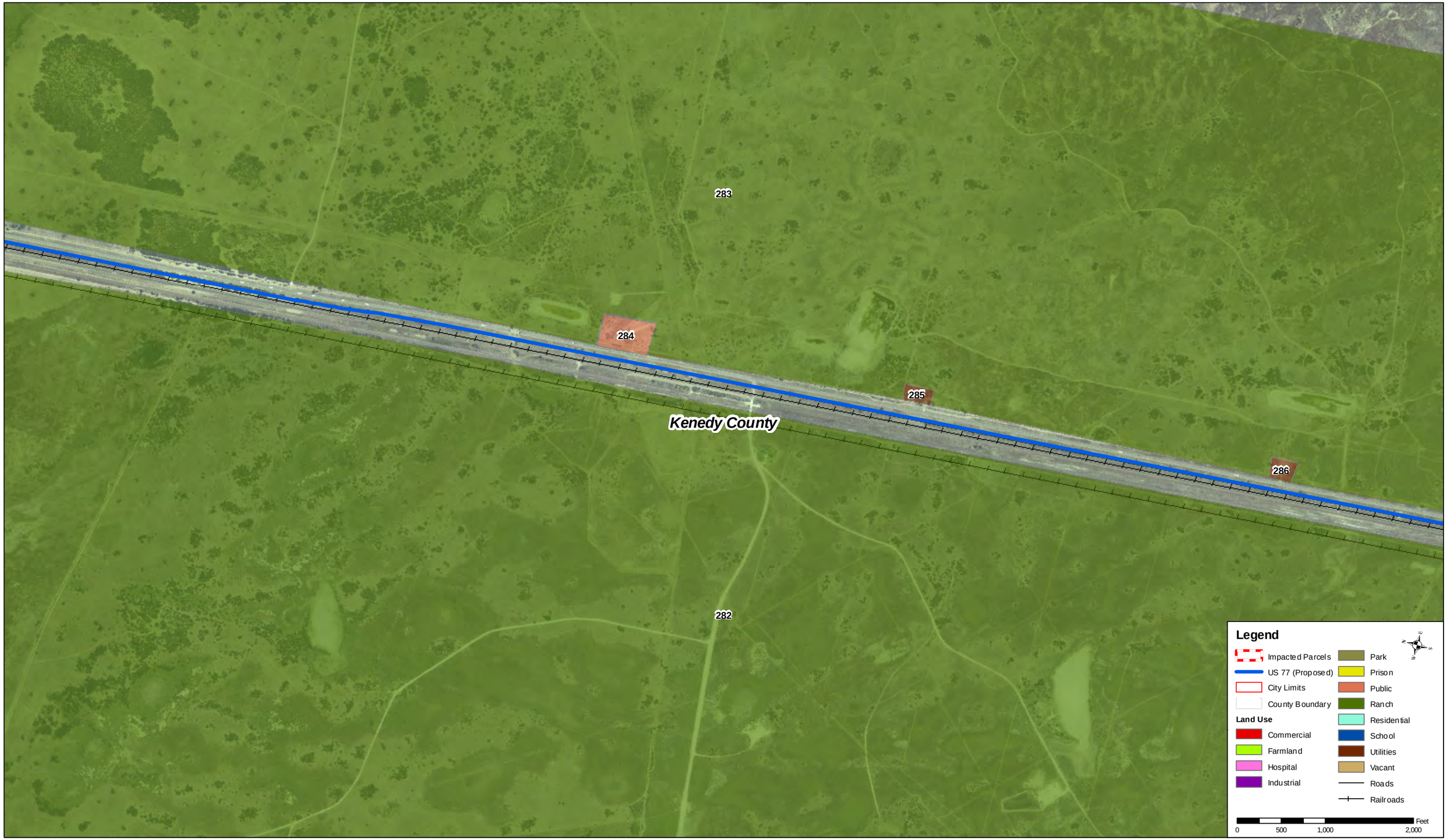
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-80
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-81 Existing Land Use - Tracts



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-81
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-82 Existing Land Use - Tracts

US 77 UPGRADE HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-82
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-83 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-83
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-84 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-84
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-85 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-85
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-86 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-86
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-87 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-87
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-88 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-88
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-89 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-89
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-90 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-90
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-91 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-91
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-92 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-92
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-93 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-93
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-94 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-94
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-95 Existing Land Use - Tracts

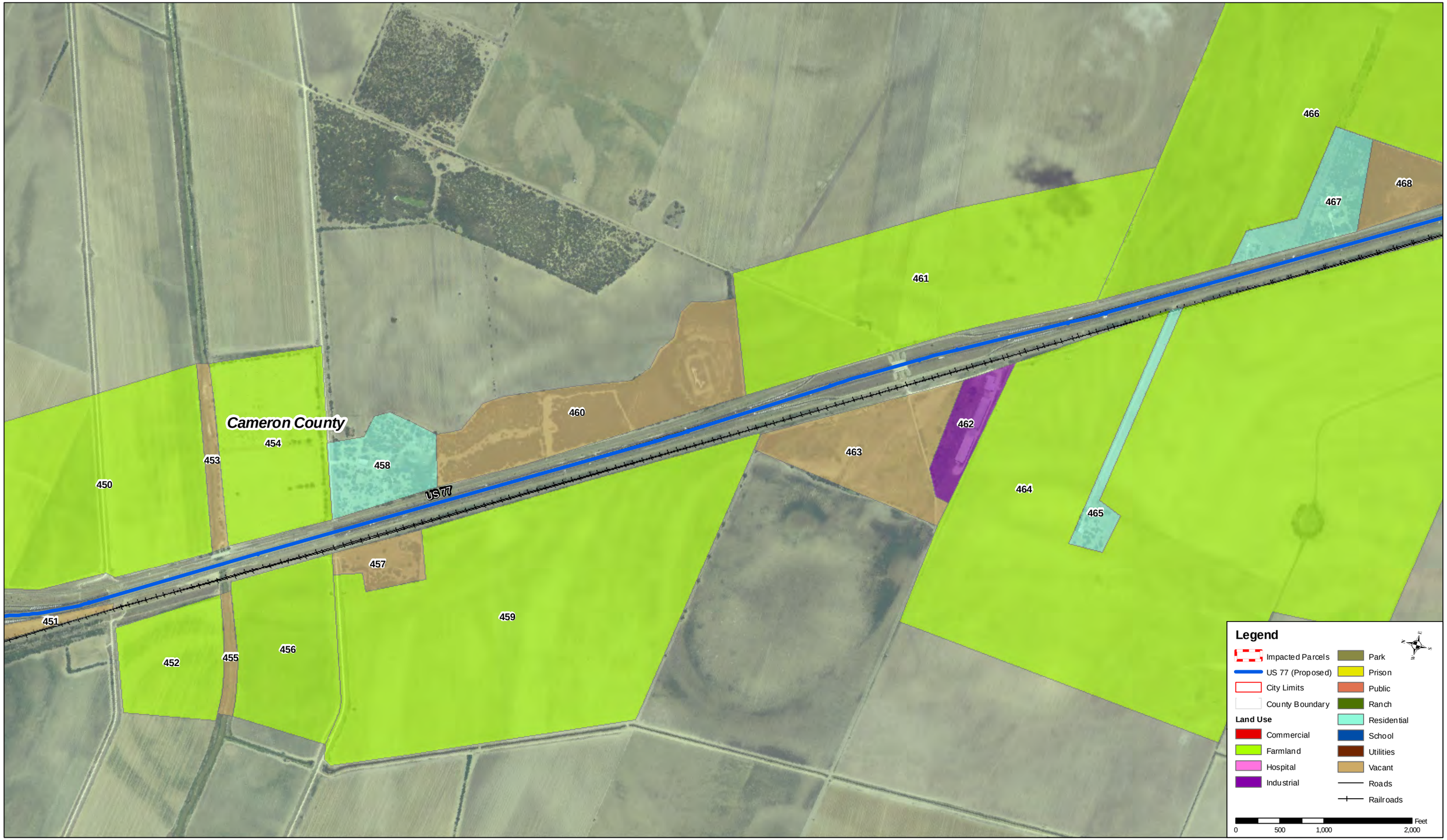
UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-95
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-96 Existing Land Use – Tracts



UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-96
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-97 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-97
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-98 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy, Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-98
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010

Figure A.4.1-99 Existing Land Use - Tracts

UPGRADE US 77 HIGHWAY

Nueces, Kleberg, Kenedy,
Willacy, and Cameron Counties
CSJ: 1111-07-004

Figure A.4.1-99
Existing Land Use - Tracts

Source: TNRIS Aerials(2005)
Jacobs: January 2010