Ivins City

Transportation Master Plan Update

APRIL 15, 2021

DRAFT PRESENTATION TO COUNCIL

HORROCKS ENGINEERS

Summary of Updates

Update of Traffic Counts/Accident Data

Update of Population Projections

Update of Regional Traffic Demand Model

Revision of important figures

Update of Transportation Improvement Plan

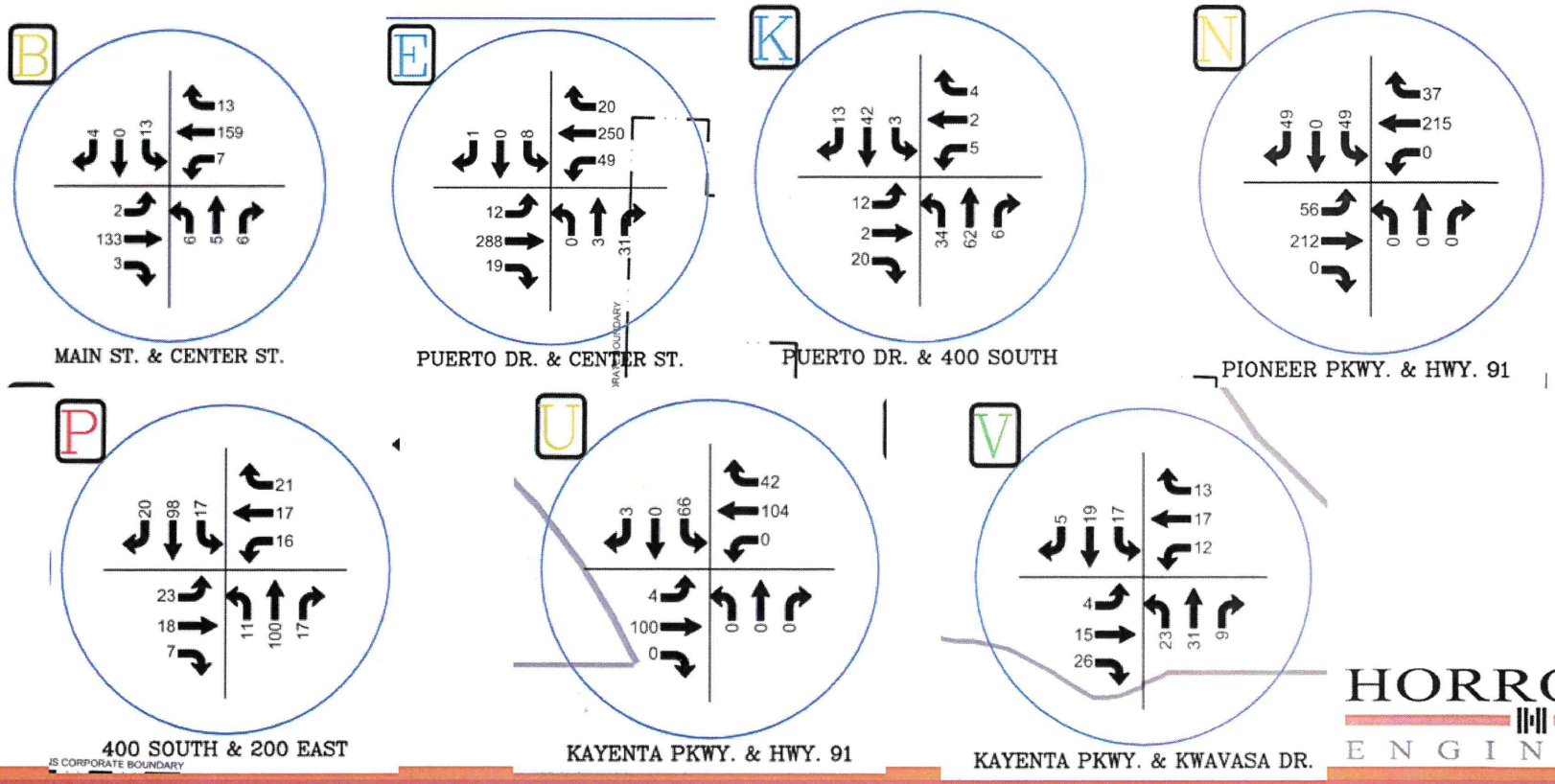
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Existing Traffic Counts

22 Intersections Counted

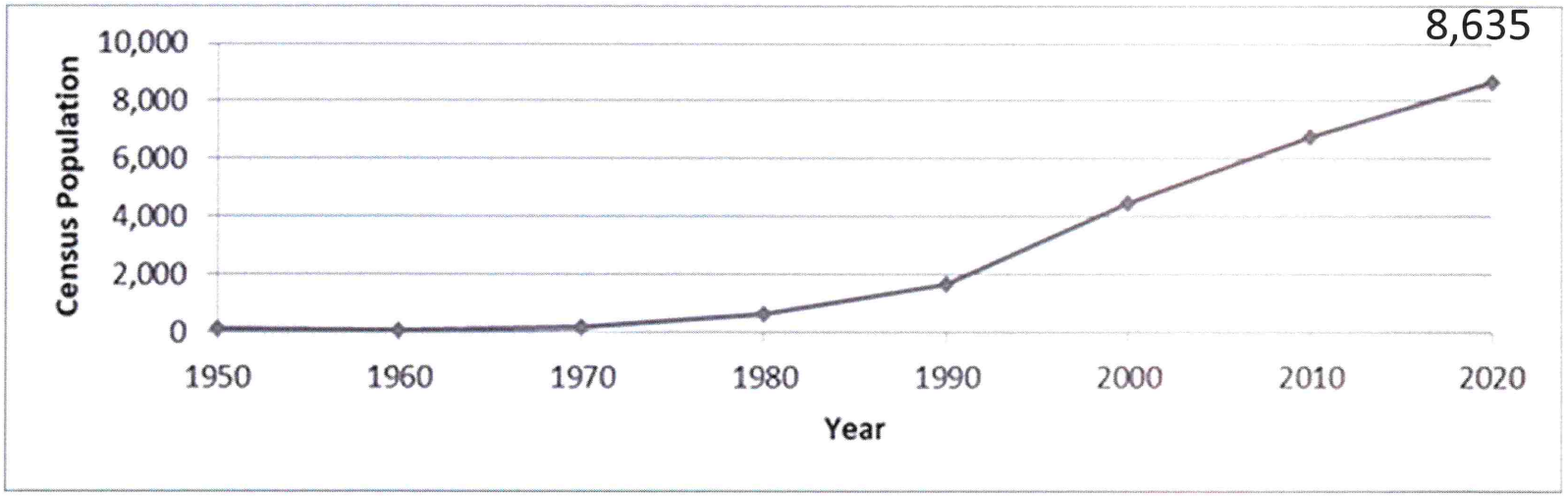
Peak hour is between 11:00 AM and 1:00 PM

Figure 7 in the report



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Population History



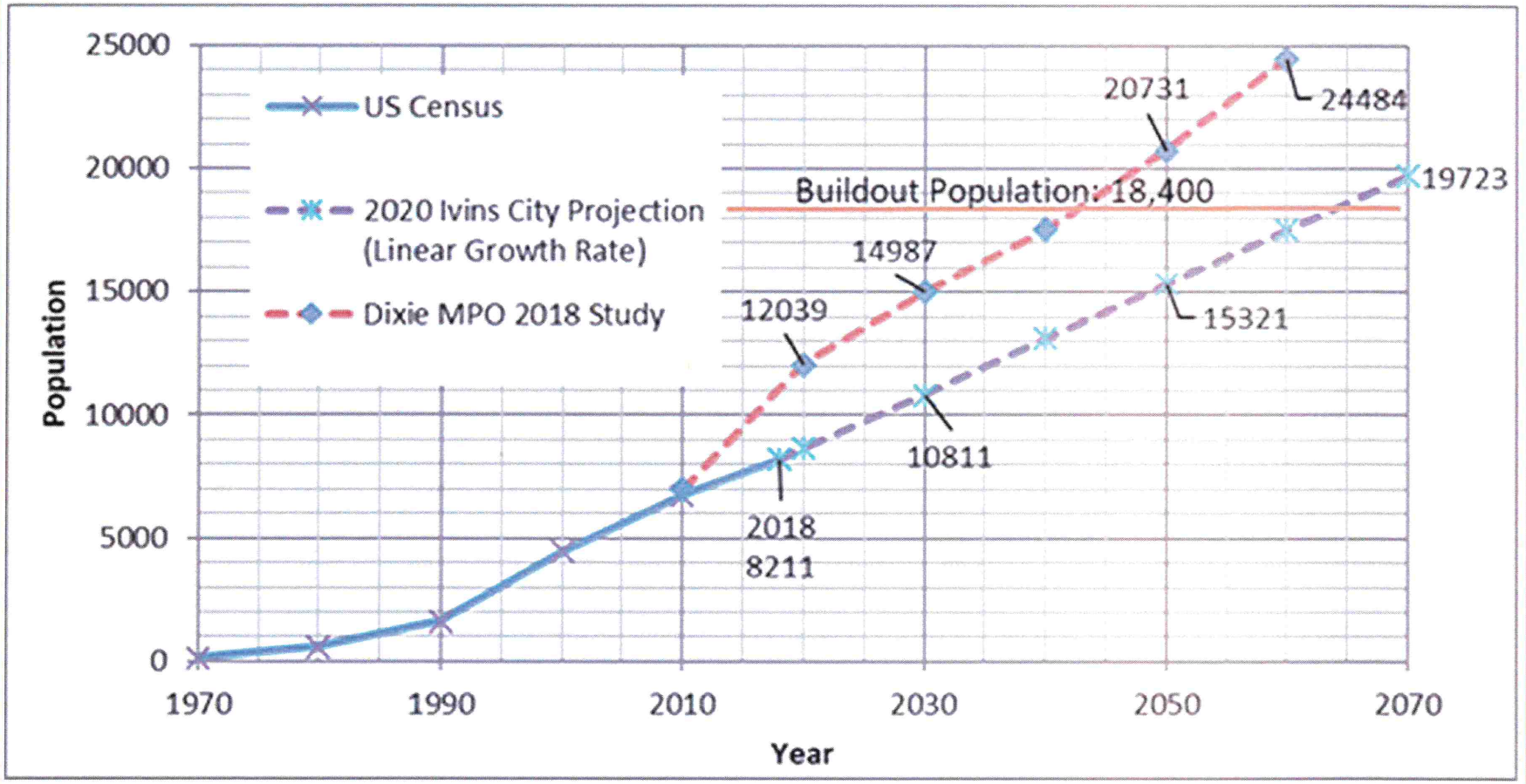
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Table 5 - Land Use Data for Future Buildout Calculations

Ivins City

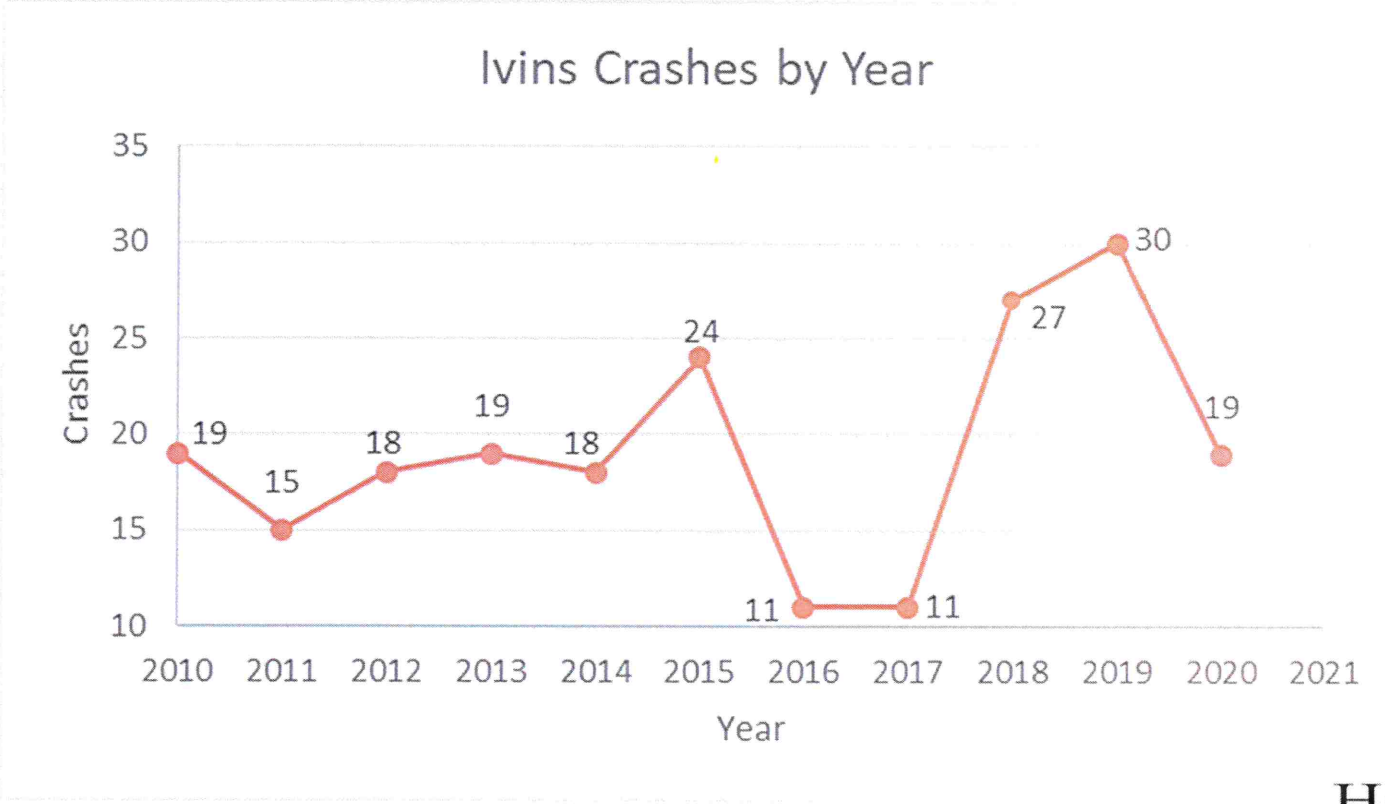
	Existing (May 2020)	Buildout
Single Family Housing Units	3,763	7,500
Multi-Family Housing Units	290	1,200
Total Housing Units	4,053	8,700
Vacant Lots for Single Family Housing	437	0
Anazazi Valley SF Residences	0	500
Transient Units	258	2,000
Employees	609	3,000

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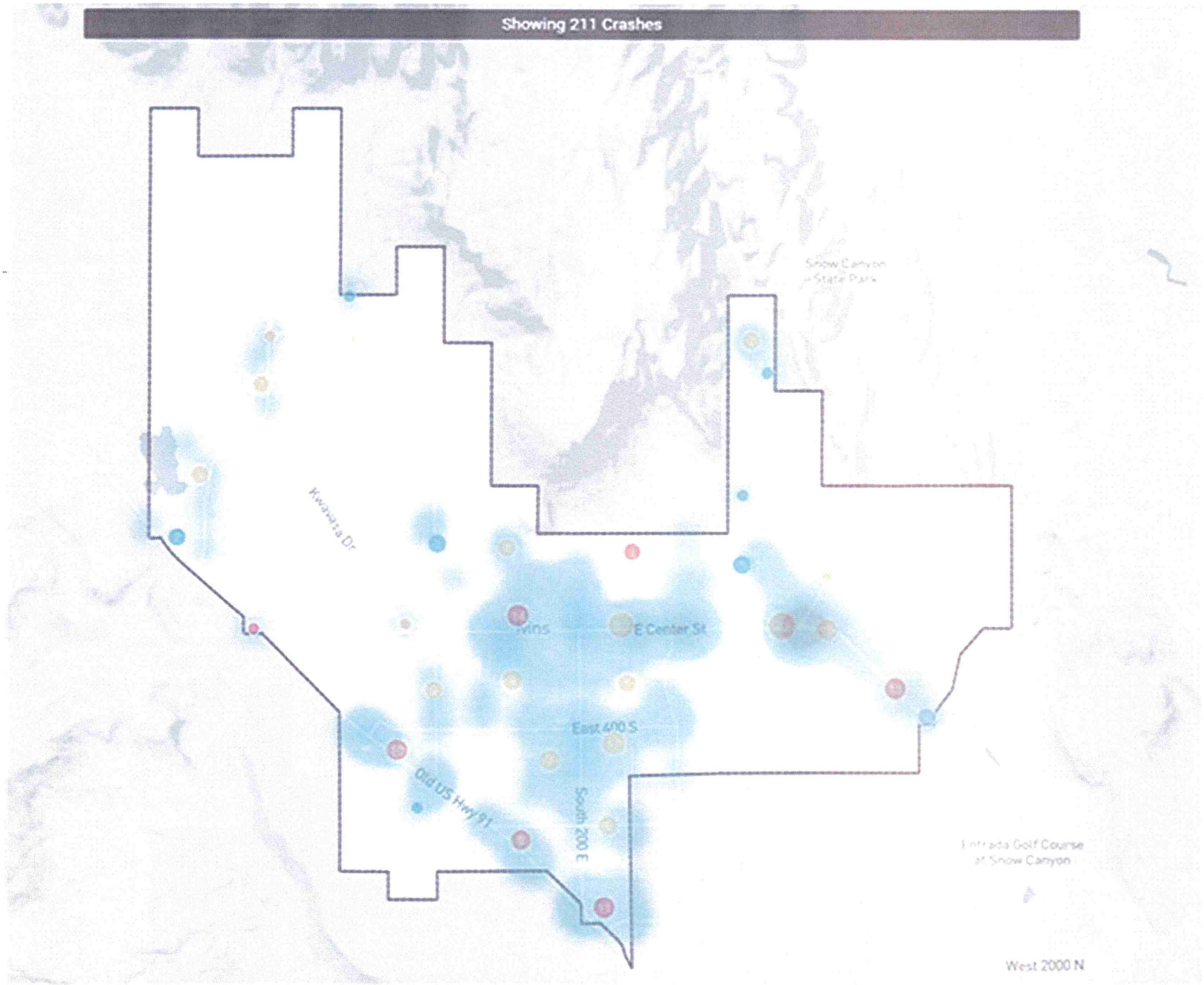


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Accident Data Update



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Showing 211 Crashes
Snow Canyon State Park
Kwavasa Dr
E Center St
East 400 S
South 200 E
Old US Hwy 91
Entrada Golf Course at Snow Canyon
West 2000 N

Manner of Collision		Crashes
Not Applicable/Single Vehicle	85	40.28%
Angle	43	20.38%
Sideswipe Same Direction	25	11.85%
Front to Rear	22	10.43%
Parked Vehicle	17	8.06%
Head On (front-to-front)	7	3.32%
Sideswipe Opposite Direction	6	2.84%
Other*	3	1.42%
+ 3 more	3	1.42%

Crash Severity		Crashes
No injury/PDO	133	63.03%
Possible injury	48	22.75%
Suspected Minor Injury	20	9.48%
Suspected Serious Injury	8	3.79%
Fatal	2	0.95%

Update Travel Demand Model

Changes included:

- 400 West was showing unusually high volumes in the TDM, so one TAZ was changed to connect to Center Street instead of 400 West.
- 450 North link was turned off for 2015 and 2019
- Center Street from 400 West to 600 West was turned on for 2019 and 2025

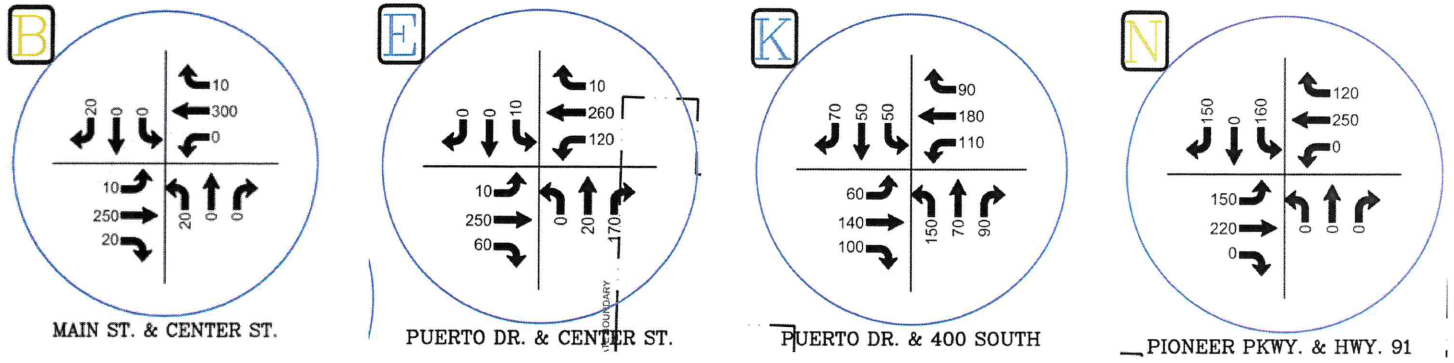
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Forecast 2050 Traffic Counts

Volumes from the TDM

Used a turning movement development spreadsheet to estimate the turning movements at each intersection in the future

Figure 15 in the report



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Milestone Study Updates

- Active Transportation Plan
- Street Functional Classification Update
- Turning Movement Counts
- Traffic Model Update
- Wall Design
- Select Street Cross Section Updates
- Intelligent Transportation System
- Corridor Preservation

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Intersection Level of Service

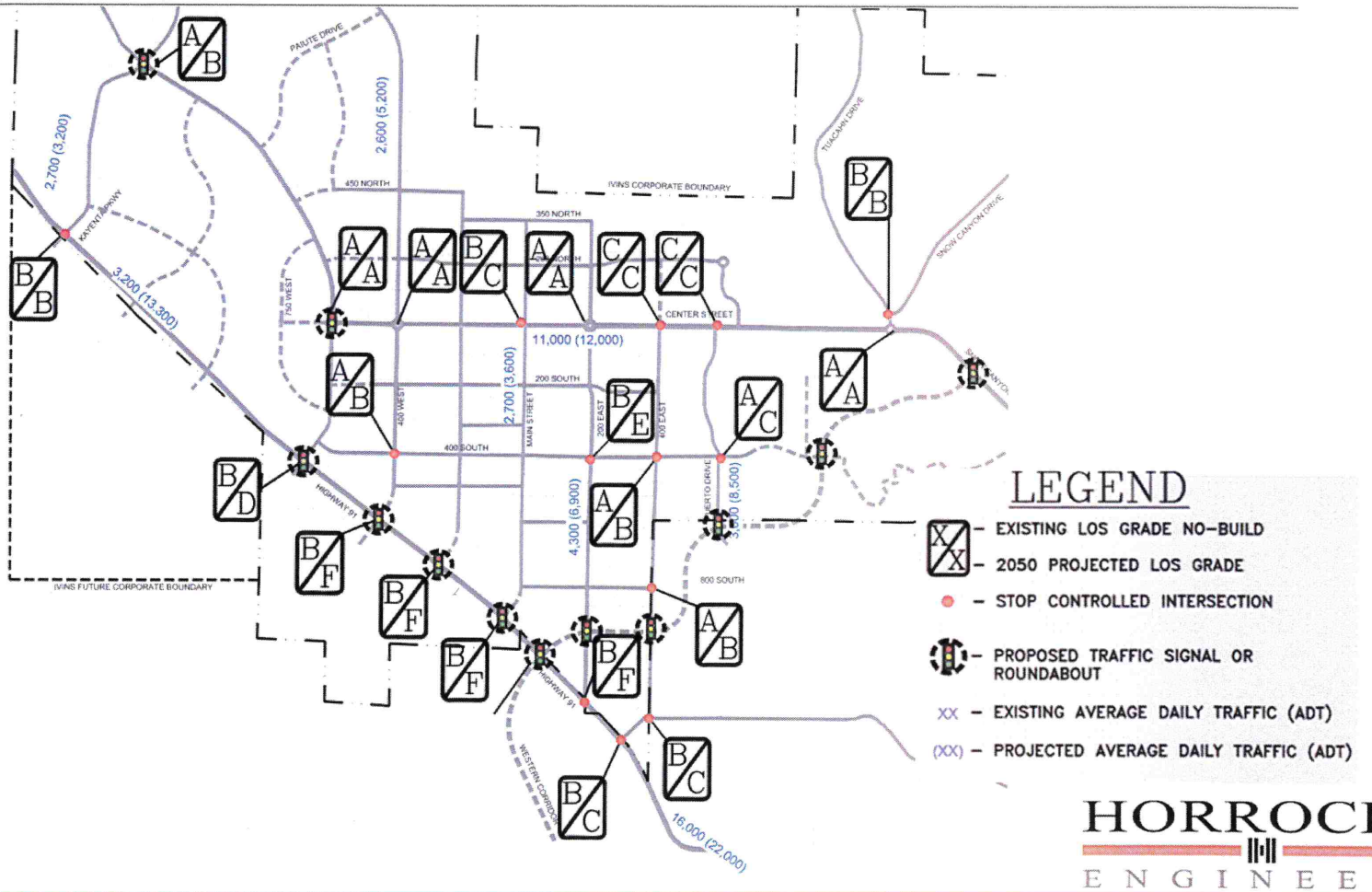
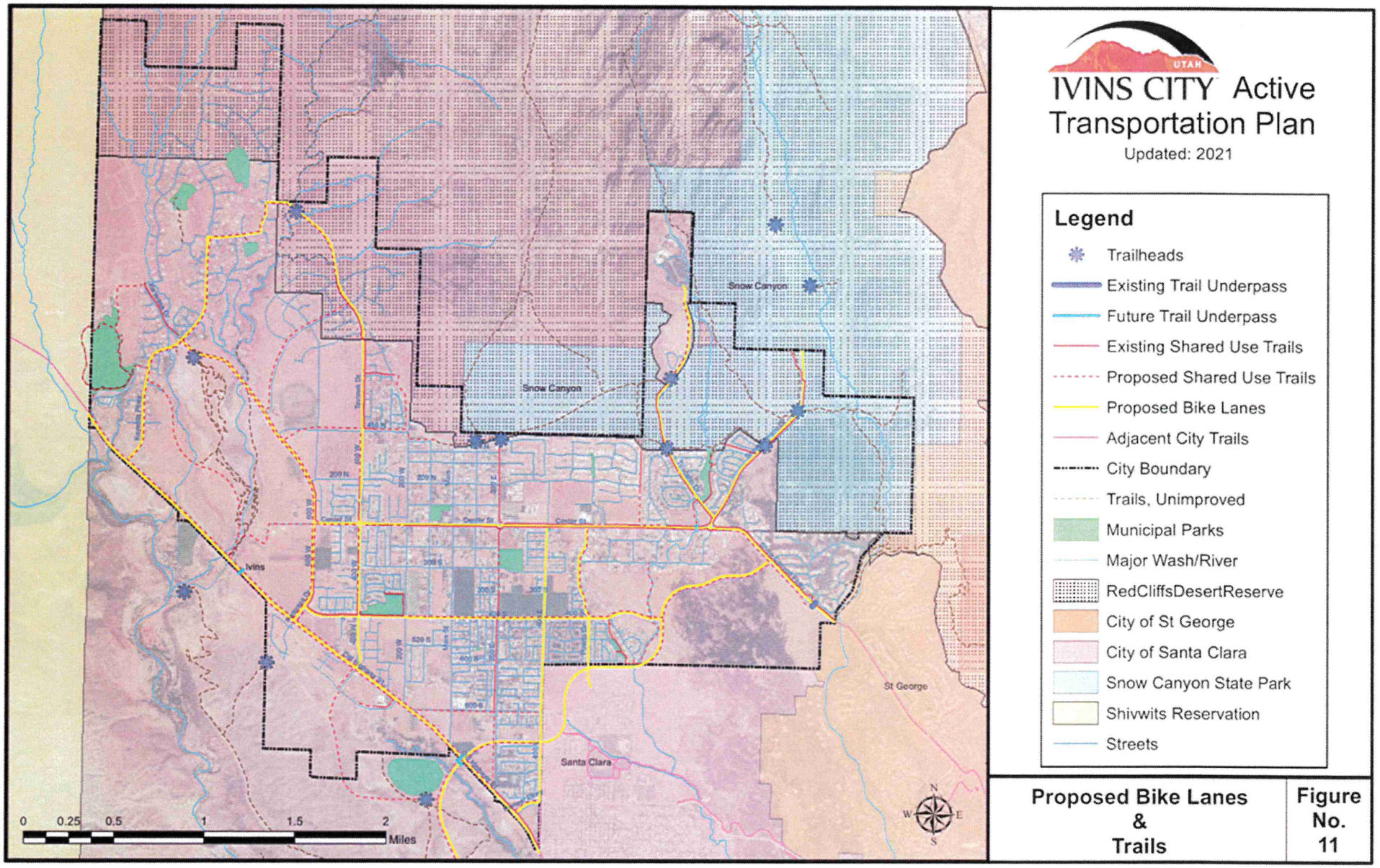
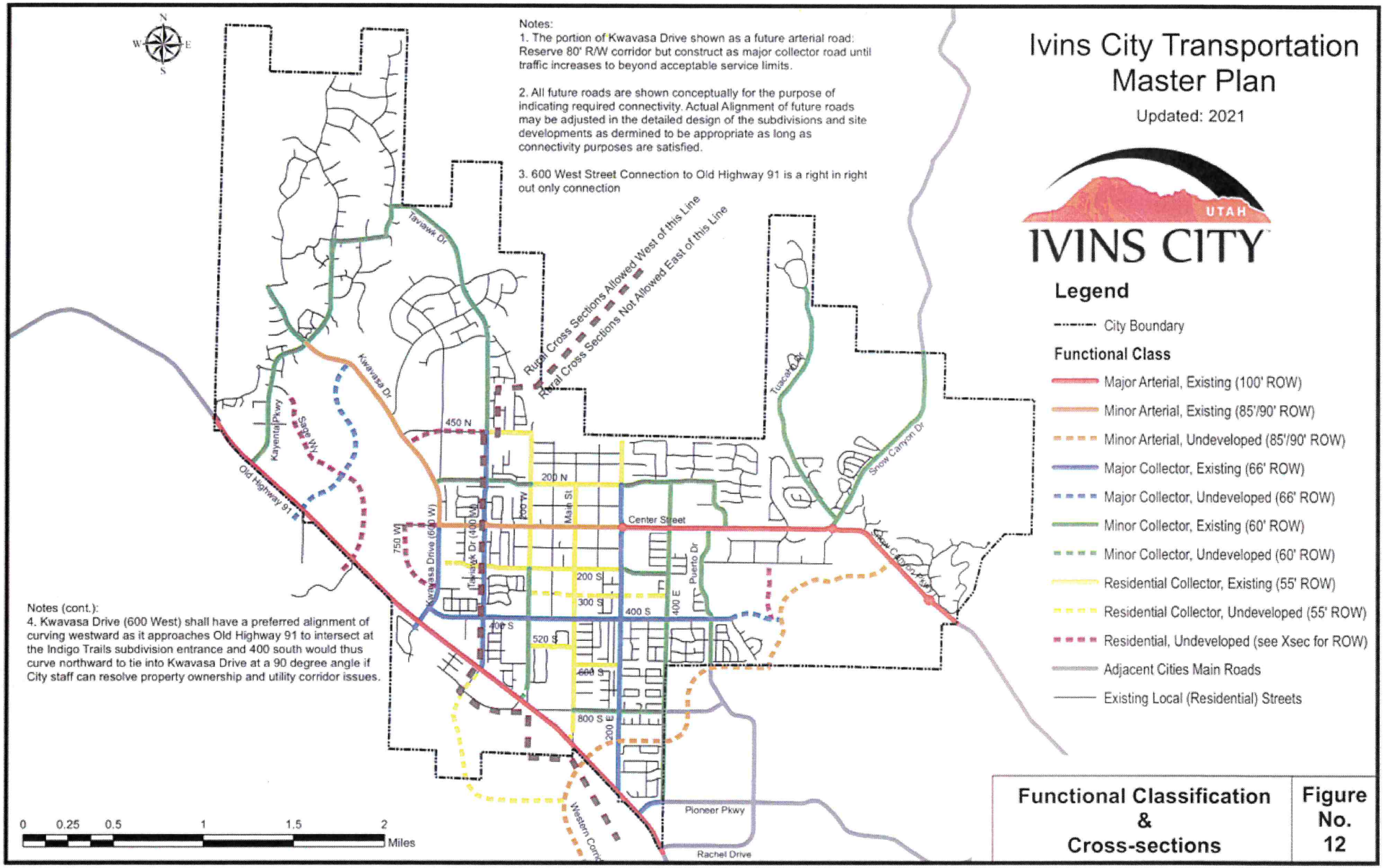


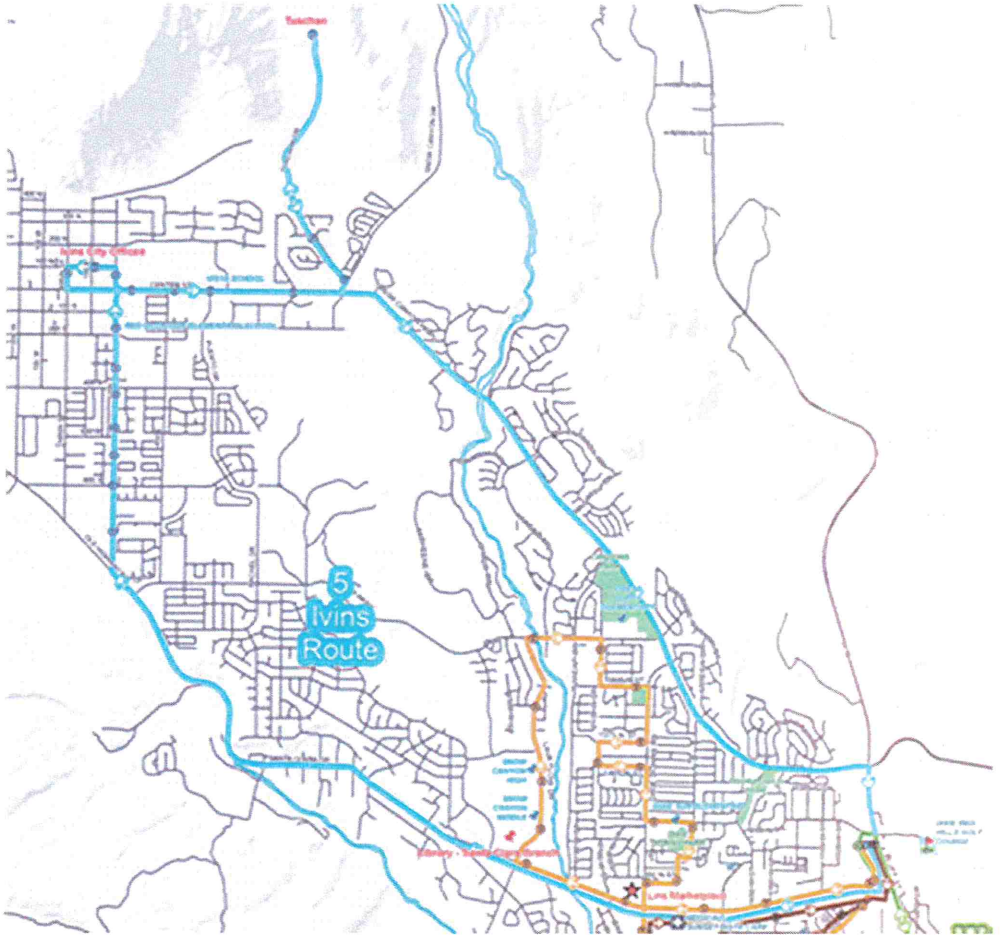
Figure 16

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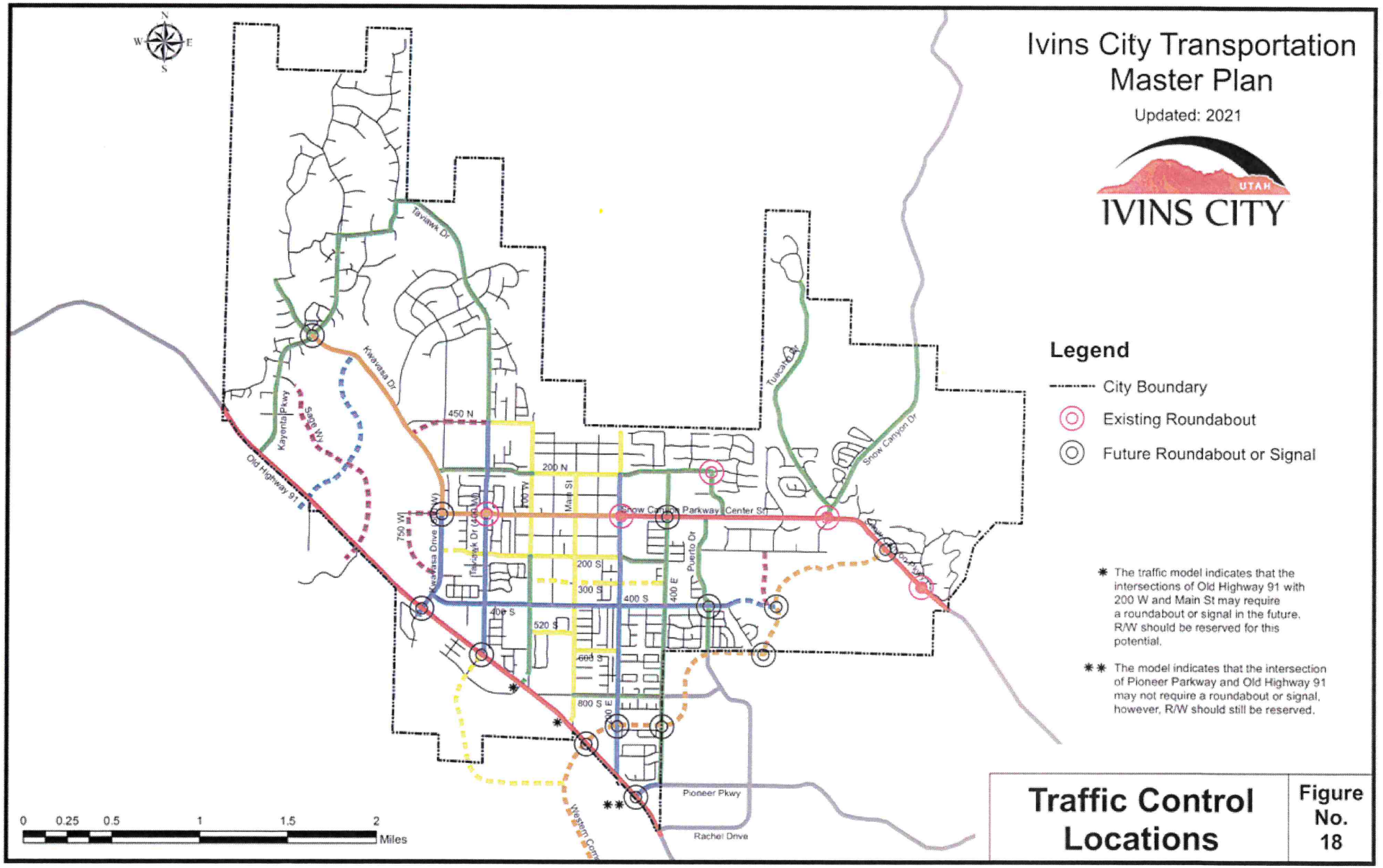

IVINS CITY Active Transportation Plan
Updated: 2021
Legend
Trailheads
Existing Trail Underpass
Future Trail Underpass
Existing Shared Use Trails
Proposed Shared Use Trails
Proposed Bike Lanes
Adjacent City Trails
City Boundary
Trails, Unimproved
Municipal Parks
Major Wash/River
RedCliffsDesertReserve
City of St George
City of Santa Clara
Snow Canyon State Park
Shivwits Reservation
Streets
Snow Canyon
Ivins
St George
Santa Clara
0 0.25 0.5 1 1.5 2 Miles
N
W
E
S
Proposed Bike Lanes & Trails
Figure No. 11


Notes:
1. The portion of Kwavasa Drive shown as a future arterial road: Reserve 80' R/W corridor but construct as major collector road until traffic increases to beyond acceptable service limits.
2. All future roads are shown conceptually for the purpose of indicating required connectivity. Actual Alignment of future roads may be adjusted in the detailed design of the subdivisions and site developments as dermined to be appropriate as long as connectivity purposes are satisfied.
3. 600 West Street Connection to Old Highway 91 is a right in right out only connection
Notes (cont.):
4. Kwavasa Drive (600 West) shall have a preferred alignment of curving westward as it approaches Old Highway 91 to intersect at the Indigo Trails subdivision entrance and 400 south would thus curve northward to tie into Kwavasa Drive at a 90 degree angle if City staff can resolve property ownership and utility corridor issues.
Ivins City Transportation Master Plan
Updated: 2021
IVINS CITY
UTAH
Legend
City Boundary
Functional Class
Major Arterial, Existing (100' ROW)
Minor Arterial, Existing (85'/90' ROW)
Minor Arterial, Undeveloped (85'/90' ROW)
Major Collector, Existing (66' ROW)
Major Collector, Undeveloped (66' ROW)
Minor Collector, Existing (60' ROW)
Minor Collector, Undeveloped (60' ROW)
Residential Collector, Existing (55' ROW)
Residential Collector, Undeveloped (55' ROW)
Residential, Undeveloped (see Xsec for ROW)
Adjacent Cities Main Roads
Existing Local (Residential) Streets
Rural Cross Sections Allowed West of this Line
Rural Cross Sections Not Allowed East of this Line
Taviawk Dr
Kwavasa Dr
Kayenta Pkwy
Sage Wy
Old Highway 91
450 N
200 N
100 W
Main St
Center Street
750 W
Kwavasa Drive (600 W)
Taviawk Dr (400 W)
200 S
300 S
400 S
400 E
Puerto Dr
520 S
600 S
800 S
200 E
Western Corridor
Pioneer Pkwy
Rachel Drive
Tuscan Dr
Snow Canyon Dr
Snow Canyon Pkwy
0 0.25 0.5 1 1.5 2 Miles
Functional Classification & Cross-sections
Figure No. 12

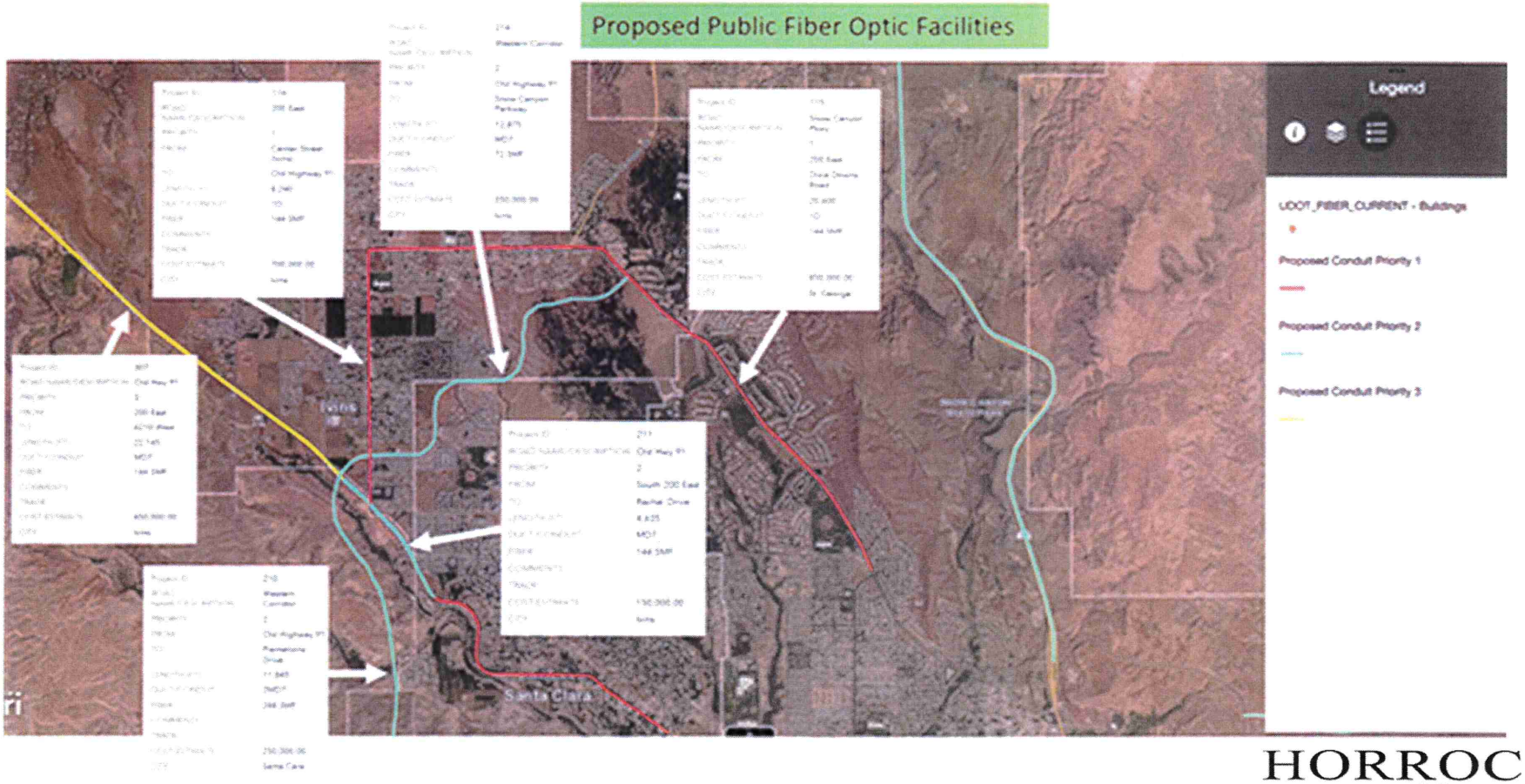
SunTran Route



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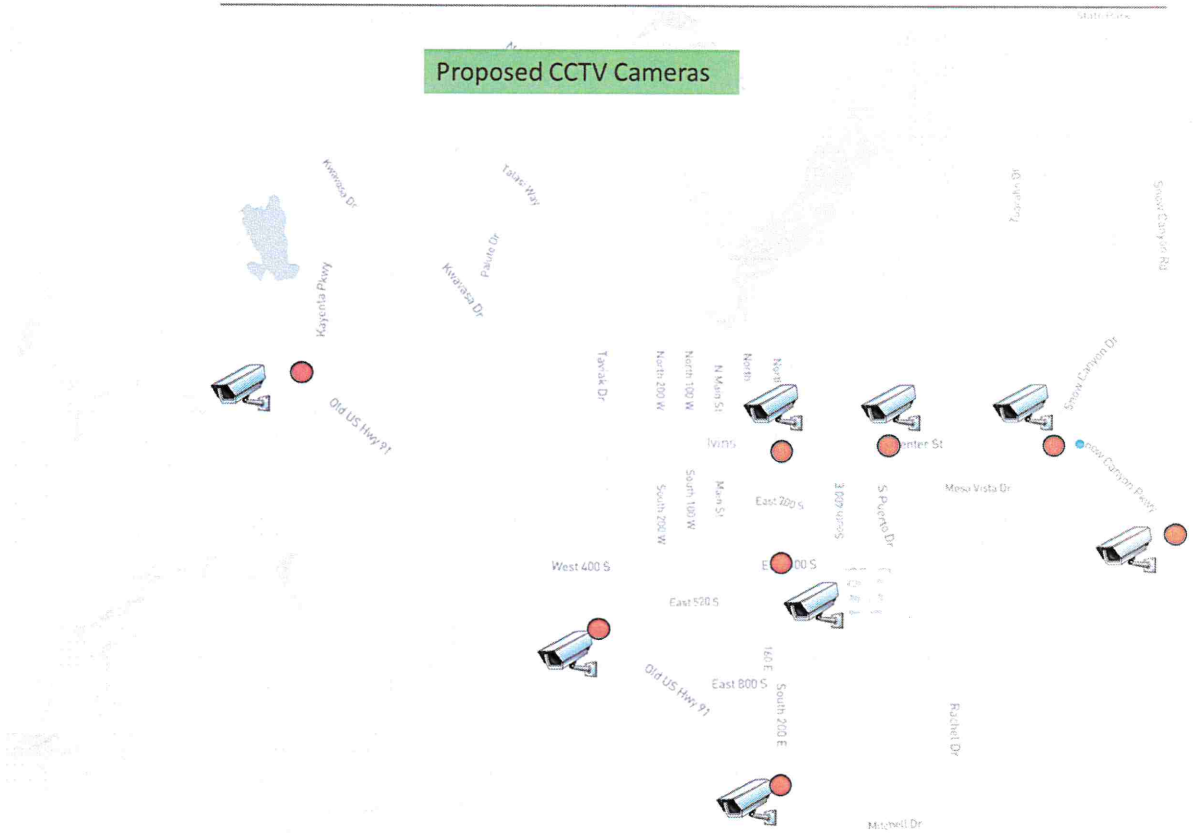

Ivins City Transportation Master Plan
Updated: 2021
IVINS CITY
UTAH
Legend
City Boundary
Existing Roundabout
Future Roundabout or Signal
* The traffic model indicates that the intersections of Old Highway 91 with 200 W and Main St may require a roundabout or signal in the future. R/W should be reserved for this potential.
** The model indicates that the intersection of Pioneer Parkway and Old Highway 91 may not require a roundabout or signal, however, R/W should still be reserved.
Traffic Control Locations
Figure No. 18
0 0.25 0.5 1 1.5 2 Miles
Old Highway 91
Tavaputs Dr
Kayenta Pkwy
5900 W
Kayenta Dr
450 N
200 N
100 W
Main St
Snow Canyon Parkway
Center St
Tuscan Dr
Snow Canyon Dr
750 W
Navajo Drive
Talon Hawk Dr
200 S
300 S
400 S
520 S
600 S
800 S
400 E
Puerto Dr
Pioneer Pkwy
Rachel Drive

Intelligent Transportation System



HORROCKS ENGINEERS

Intelligent Transportation System

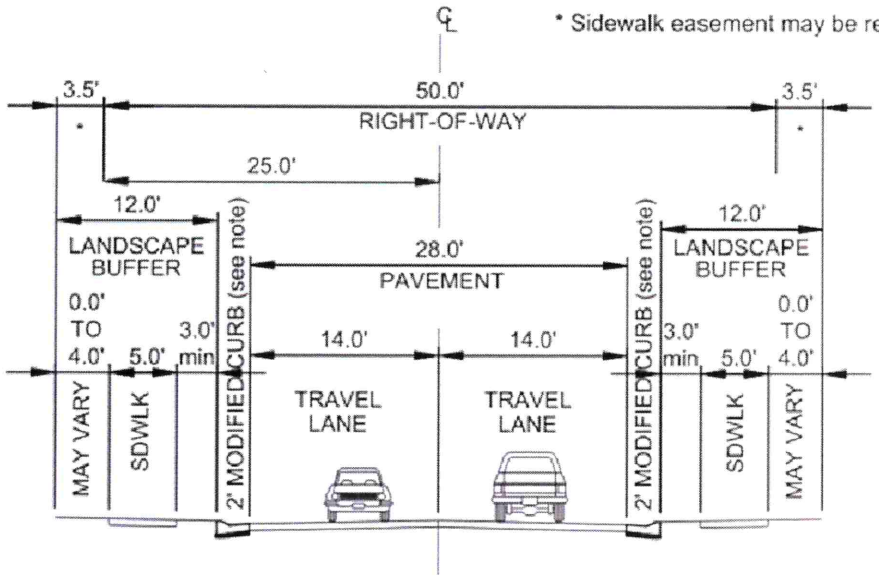


HORROCKS ENGINEERS

NOTE

1. Meandering sidewalk recommended where possible. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. The City may require that the 2' modified curb be substituted by a 2.5' high back curb when
   - road is curvilinear and grade has portions steeper than 2 percent,
   - road is recieving water from an intersecting road or other drainage feature that has an apparent risk of storm water jumping the curb due to high velocities, or
   - a substantive drainage benefit is determined per approved drainage studies.

* Sidewalk easement may be required for meandering sidewalks.

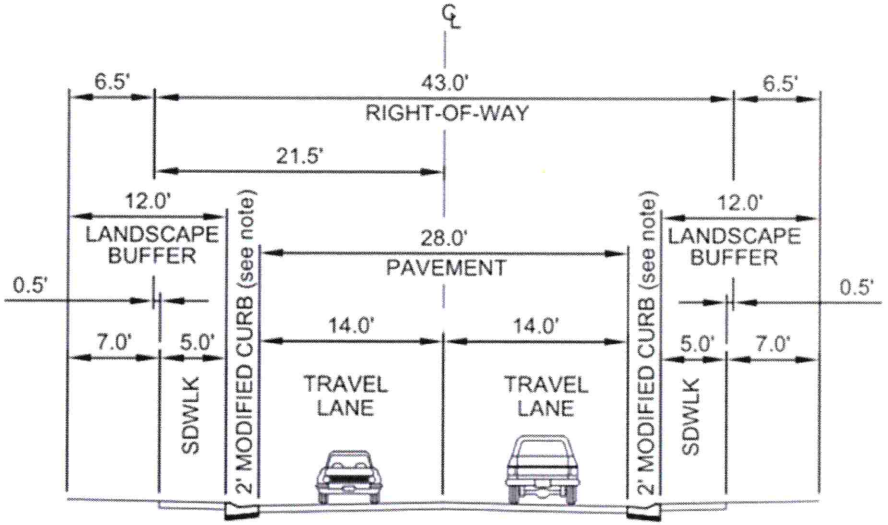


RESIDENTIAL STANDARD 50'

SCALE			
NONE	IVINS CITY UTAH	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City RESIDENTIAL STANDARD 50'
DATE			CROSS SECTION NO.
Sept. 2020			1.1

NOTE

1. The City may require that the 2' modified curb be substituted by a 2.5' high back curb when
   - road is curvilinear and grade has portions steeper than 2 percent,
   - road is recieving water from an intersecting road or other drainage feature that has an apparent risk of storm water jumping the curb due to high velocities, or
   - a substantive drainage benefit is determined per approved drainage studies.

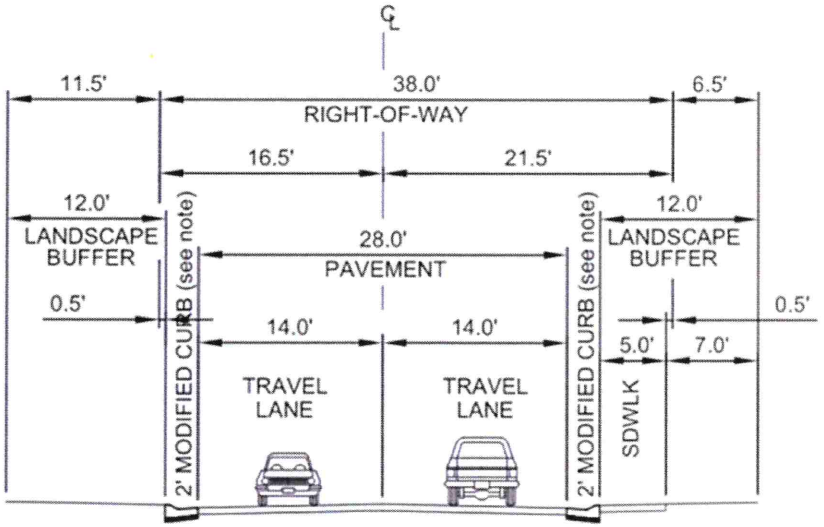


RESIDENTIAL ALTERNATIVE 43'

SCALE: NONE DATE: Sept. 2020	IVINS CITY UTAH	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City RESIDENTIAL ALTERNATIVE 43'	CROSS SECTION NO. 1.2

NOTE

1. The City may require that the 2' modified curb be substituted by a 2.5' high back curb when
   - road is curvilinear and grade has portions steeper than 2 percent,
   - road is recieving water from an intersecting road or other drainage feature that has an apparent risk of storm water jumping the curb due to high velocities, or
   - a substantive drainage benefit is determined per approved drainage studies.

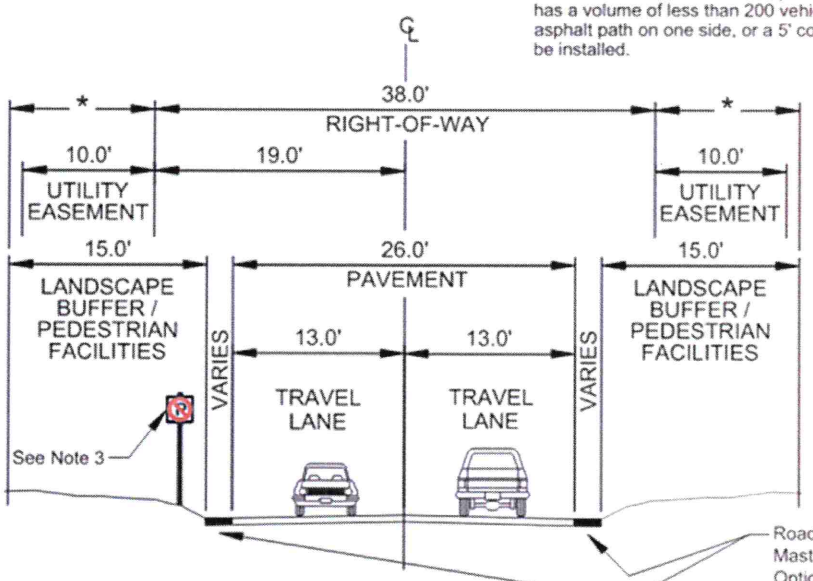


RESIDENTIAL ALTERNATIVE 38'

SCALE			CROSS SECTION NO.
NONE	IVINS CITY 555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City	1.3
DATE		RESIDENTIAL ALTERNATIVE 38'	
Sept. 2020			

NOTE

1. Pedestrian facilities required on rural streets per the Transportation Master Plan Chapter 3. Sidewalk/trail shall be located within landscape buffer area, meandering where possible.
2. Residential driveways shall be constructed to keep drainage within the roadway or natural drainage to prevent flooding of private property.
3. When driveable surface width (asphalt + shoulders) is 32 feet or less, "No Parking" signs shall be installed on one side of the road per adopted fire code. Driveable surface shall not be less than 29 feet.
4. Pedestrian facilities are not required when traffic studies show a road has a volume of less than 200 vehicles per day. Otherwise, an 8' wide asphalt path on one side, or a 5' concrete sidewalk on both sides shall be installed.



* Sidewalk / Trail easement, if required. Width varies per Road Side Drainage

Road Side Drainage (see Transportation Master Plan Chapter 3)
Option A: 2' Curb & Gutter
Option B: Rock lined ditch
Option C: Unarmored ditch 3' road base shoulder required minimum.

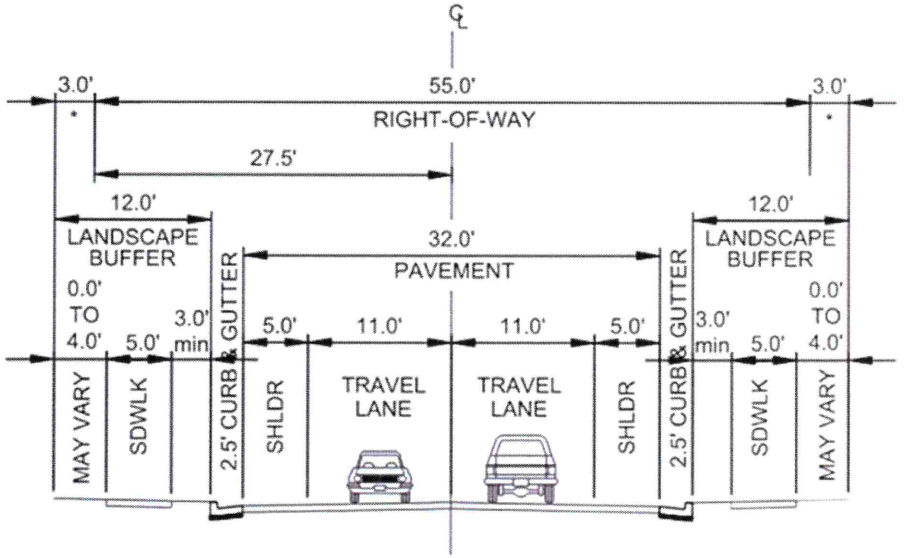
RESIDENTIAL-PRIVATE RURAL

SCALE			
NONE	IVINS CITY UTAH	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City RESIDENTIAL PRIVATE RURAL
DATE Sept. 2020			CROSS SECTION NO. 2

NOTE

1. Meandering sidewalk recommended where possible. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.

* Sidewalk easement may be required for meandering sidewalks.



RESIDENTIAL COLLECTOR

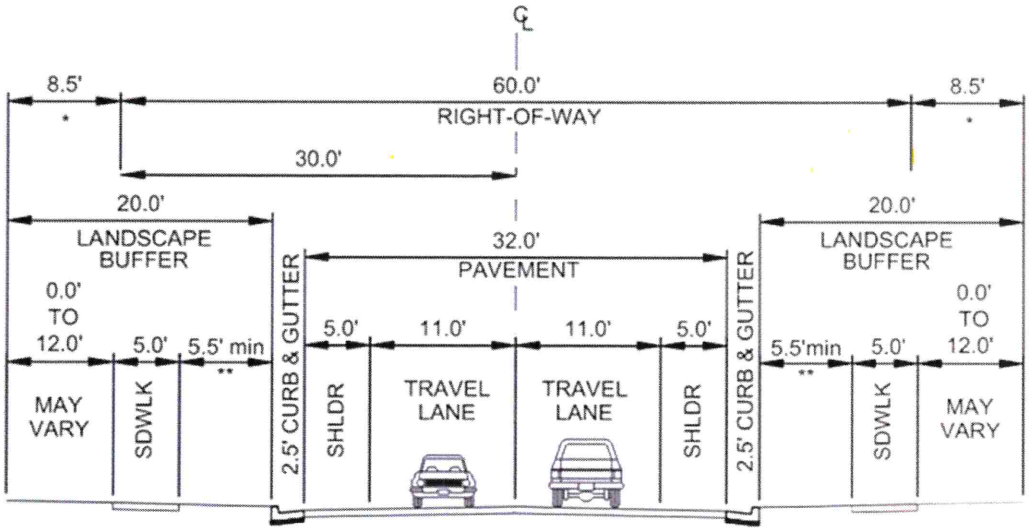
SCALE			CROSS SECTION NO.
NONE	IVINS CITY UTAH	Ivins City	3
DATE	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	RESIDENTIAL COLLECTOR	
Sept. 2020			

NOTE

1. Meandering sidewalk recommended where possible. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. 5' Shoulder may be striped for a bicycle lane where indicated.

* Sidewalk easement may be required for meandering sidewalks.

** For meandering sidewalks, parkstrip width will vary with a required minimum width at closest point to be 3.0'.

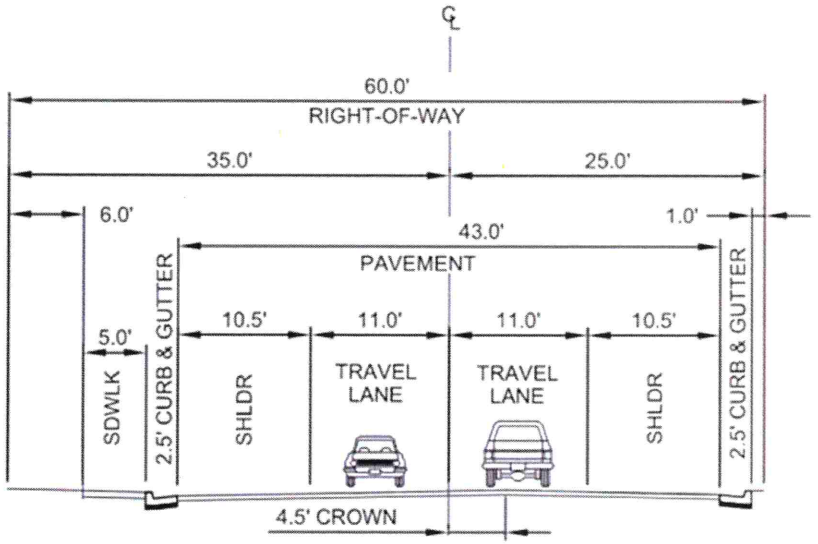


MINOR COLLECTOR

SCALE			CROSS SECTION NO.
NONE	IVINS CITY UTAH	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City MINOR COLLECTOR	4
DATE Sept. 2020				

NOTE

1. This cross-section represents a relocation of the curb and gutter on the west side. The curb and gutter is shifted five feet eastward to allow for room for a 5' sidewalk that is ADA accessible and ties into the existing driveways.



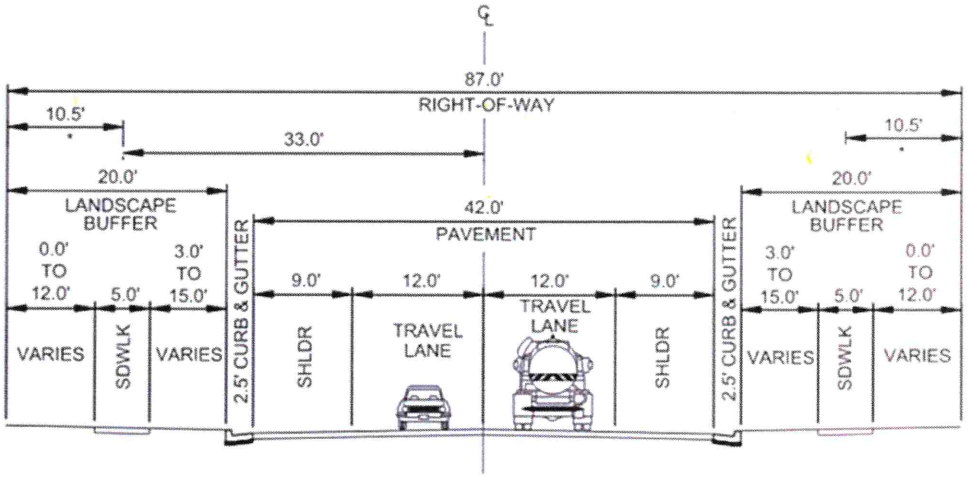
MINOR COLLECTOR - PUERTO DRIVE

SCALE				CROSS SECTION NO.
NONE	IVINS CITY UTAH	555 S. Bluff Street St. George, UT 84770 (435) 986-7888	Ivins City	5
DATE			MINOR COLLECTOR - PUERTO DRIVE	
Nov. 2020				

NOTE

1. Meandering sidewalk/trail required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. 9' shoulder with 2' of gutter pan may be separated into a 4' bike lane and 7' parking where indicated on the Ivins City Bike Lane Plan.

* Where homes or commercial sites do not front street, landscape buffer must be dedicated to City.



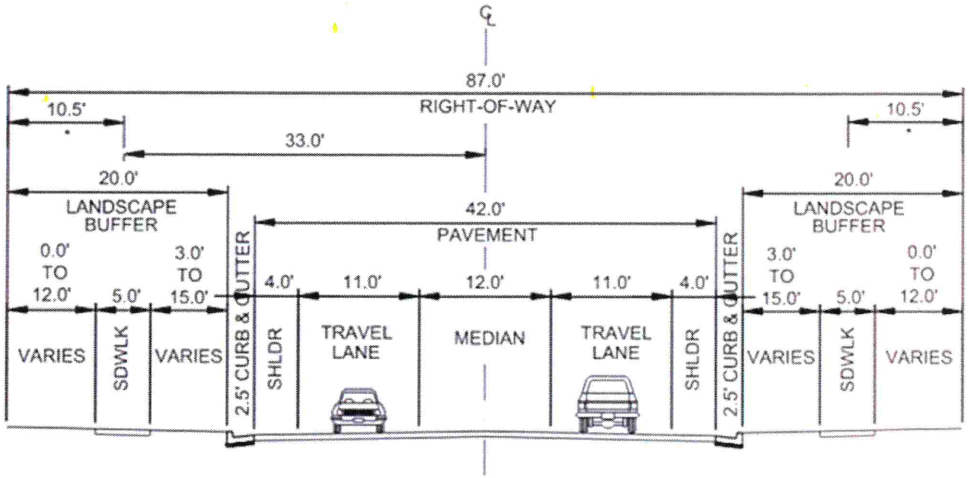
MAJOR COLLECTOR (STREET PARKING)

SCALE: NONE DATE: Sept. 2020	IVINS CITY	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City MAJOR COLLECTOR (STREET PARKING)	CROSS SECTION NO. 6

NOTE

1. Meandering sidewalk required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements
3. 4' Shoulder may be striped for a bicycle lane where indicated.

* Where homes or commericial sites do not front street, landscape buffer must be dedicated to City.



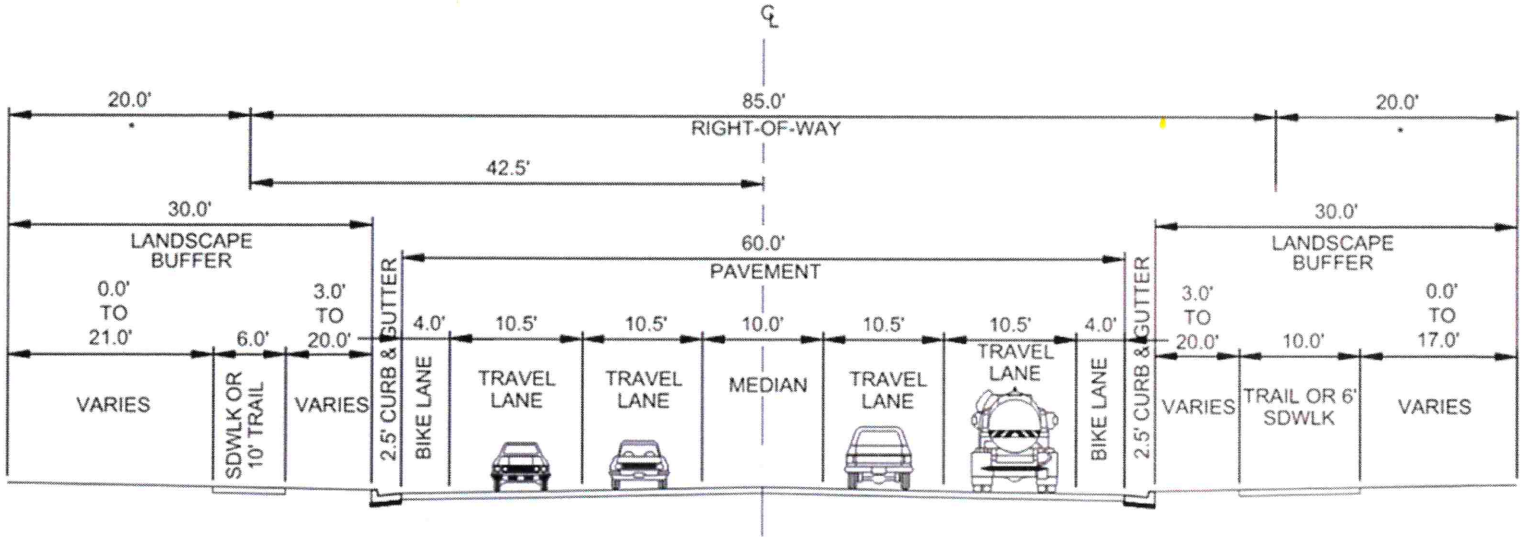
MAJOR COLLECTOR (CENTER LANE STRIPING)

SCALE			CROSS SECTION NO.
NONE	IVINS CITY UTAH	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City MAJOR COLLECTOR (CENTER LANE STRIPING)	7
DATE Sept. 2020				

NOTE

1. Meandering sidewalk required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. See city Trail Map for trail locations.
4. Additional width will be required at intersections for a 12-foot right turn lane as approved by the City Engineer.
5. To be used on Center Street, east of 200 West.

* Where homes or commercial sites do not front street, landscape buffer must be dedicated to City.



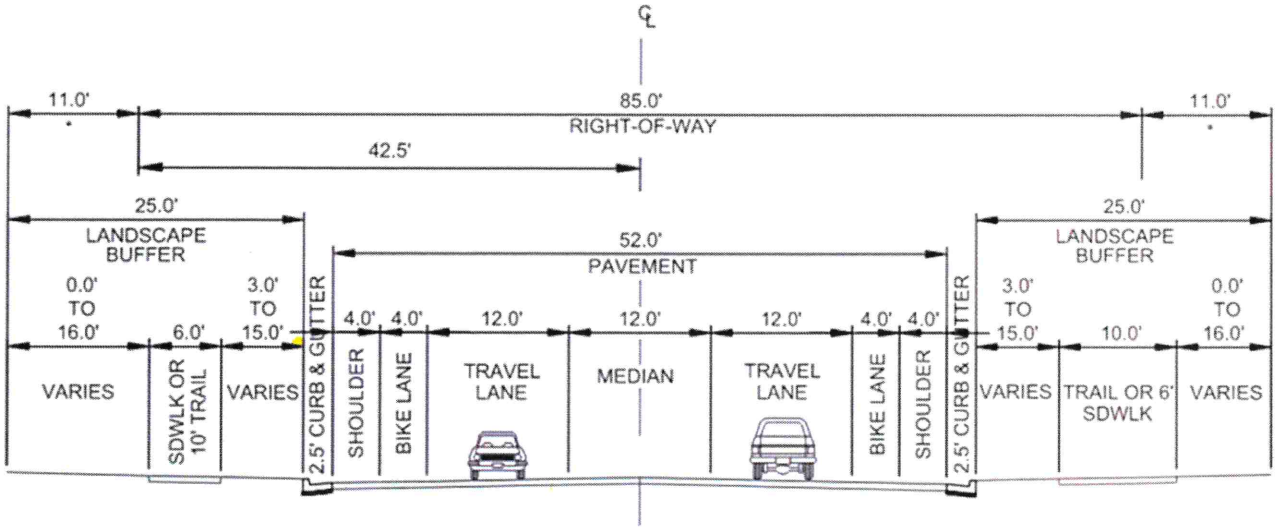
MINOR ARTERIAL - CENTER STREET

SCALE: NONE DATE: Sept. 2020	IVINS CITY	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City MINOR ARTERIAL - CENTER STREET	CROSS SECTION NO. 8A

NOTE

1. Meandering sidewalk required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. See city Trail Map for trail locations.
4. Additional width will be required at intersections for a 12-foot right turn lane as approved by the City Engineer.
5. To be used on Center Street between 200 West and 600 West.

* Where homes or commercial sites do not front street, landscape buffer must be dedicated to City.



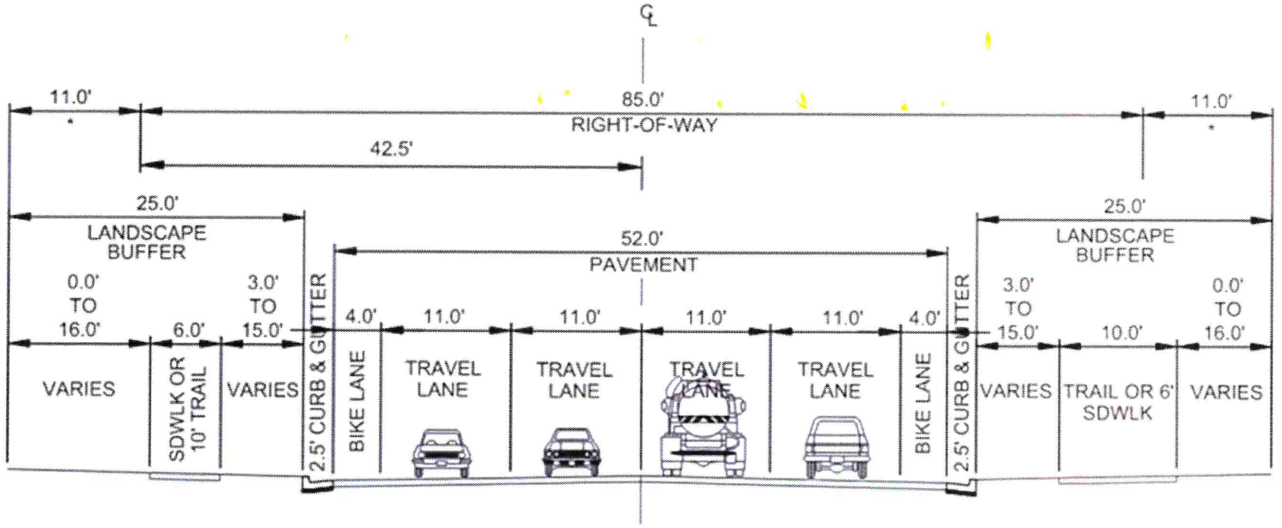
MINOR ARTERIAL - WEST CENTER STREET 3-LANE

SCALE			
NONE	IVINS CITY	Ivins City	CROSS SECTION NO.
DATE	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	MINOR ARTERIAL - CENTER STREET	8B
Sept. 2020			

NOTE

1. Meandering sidewalk required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. See city Trail Map for trail locations.
4. Additional width will be required at intersections for a 12-foot right turn lane as approved by the City Engineer.
5. To be used to widen Center Street between 200 West and 600 West.

* Where homes or commercial sites do not front street, landscape buffer must be dedicated to City.



MINOR ARTERIAL - WEST CENTER STREET 4-LANE

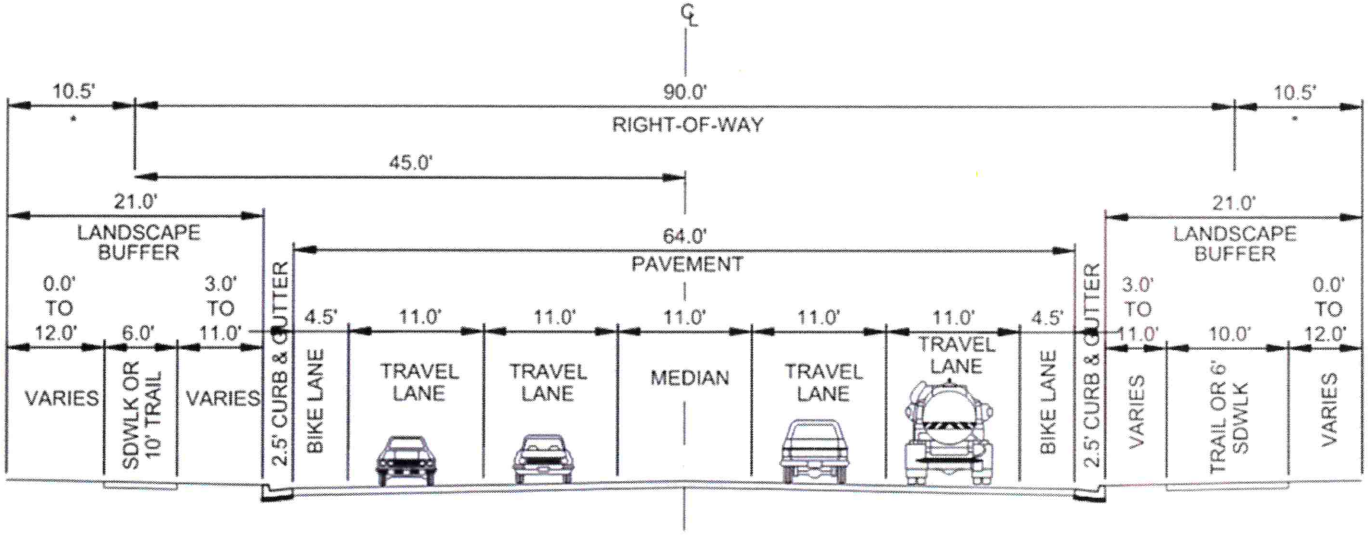
SCALE: NONE DATE: Sept. 2020	IVINS CITY	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City MINOR ARTERIAL - CENTER STREET	CROSS SECTION NO. 8C

NOTE

1. Meandering sidewalk required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. See city Trail Map for trail locations.

* Where homes or commericial sites do not front street, landscape buffer must be dedicated to City.

** Parkstrip minimum width may be 3.0' for a meandering sidewalk.



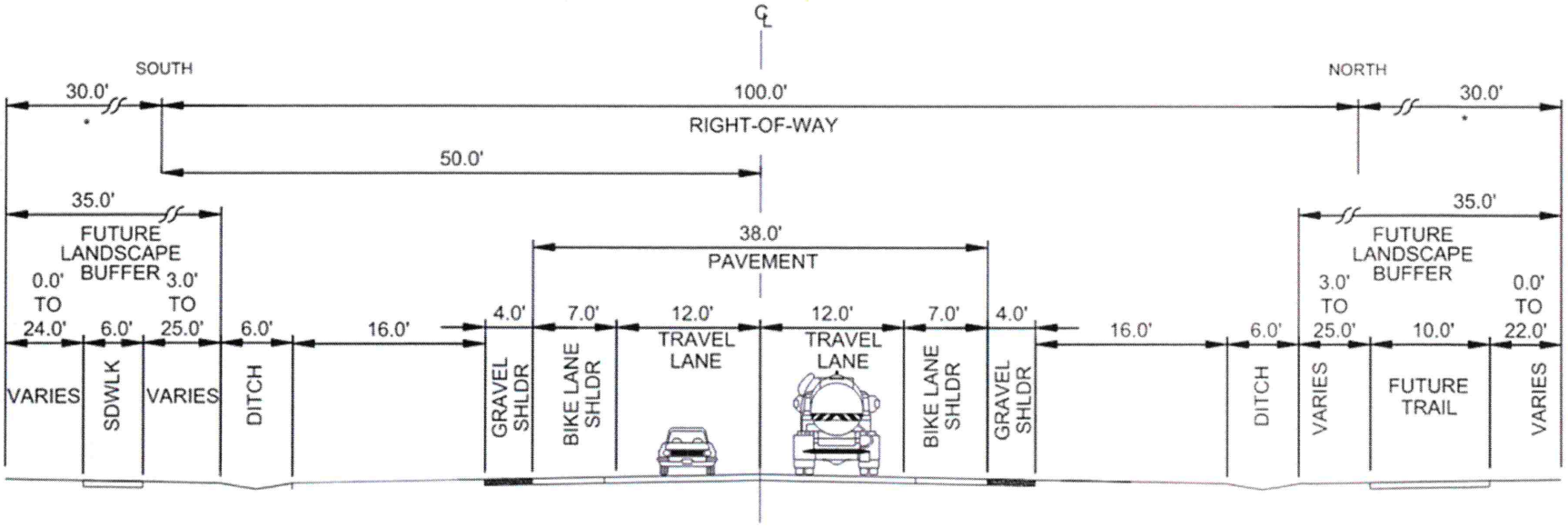
MINOR ARTERIAL - WESTERN CORRIDOR

SCALE			CROSS SECTION NO.
NONE	IVINS CITY 555 S BLUFF STREET SUITE 101 ST GEORGE, UT 84770 (425) 986-7888	Ivins City	9
DATE		MINOR ARTERIAL - WESTERN CORRIDOR	
Sept. 2020			

NOTE

1. Meandering sidewalk/trail required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. See city Trail Map for trail locations.

* Where homes or commericial sites do not front street, landscape buffer must be dedicated to City.



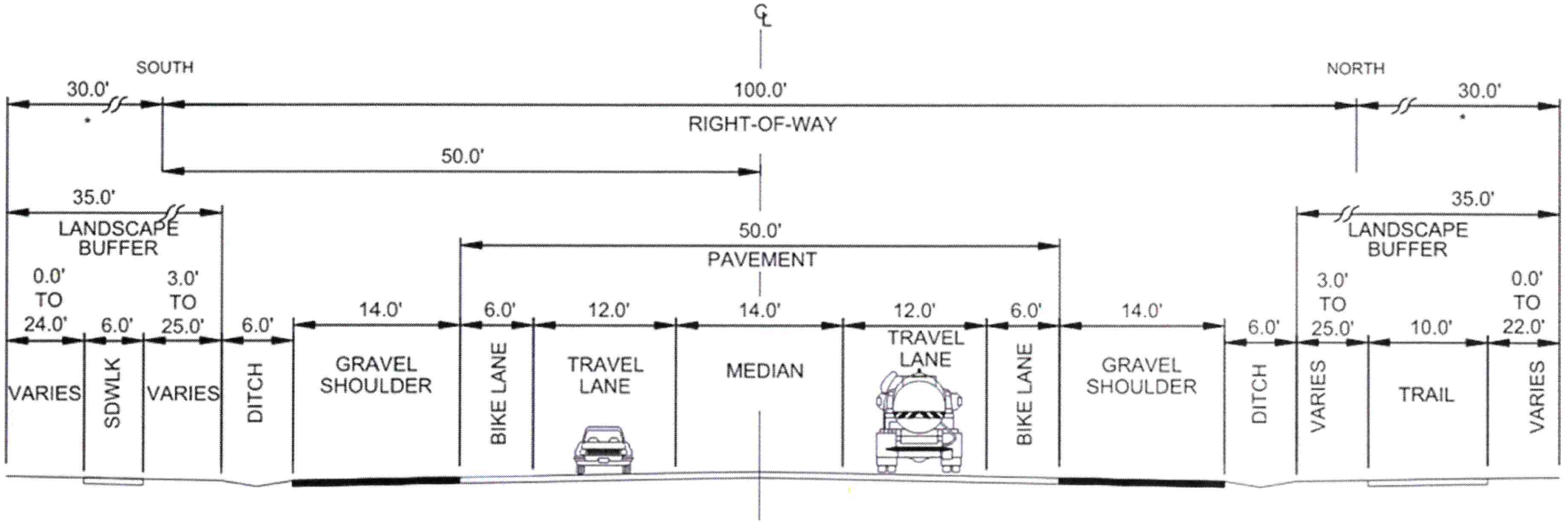
MAJOR ARTERIAL - OLD HIGHWAY 91 (2-LANE)

SCALE: NONE DATE: Sept. 2020	IVINS CITY	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City MAJOR ARTERIAL - OLD HIGHWAY 91 (2-LANE)	CROSS SECTION NO. 10A

NOTE

1. Meandering sidewalk/trail required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. See city Trail Map for trail locations.

* Where homes or commericial sites do not front street, landscape buffer must be dedicated to City.



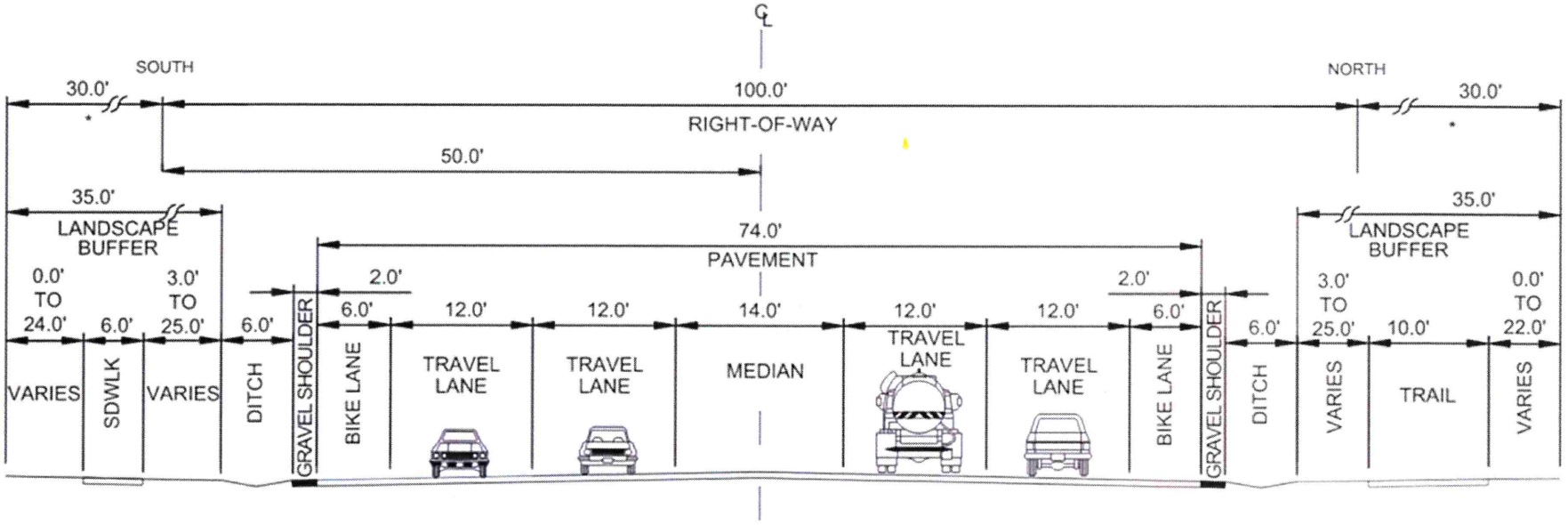
MAJOR ARTERIAL - OLD HIGHWAY 91 (3-LANE)

SCALE			CROSS SECTION NO.
NONE	IVINS CITY UTAH	Ivins City	10B
DATE: Sept. 2020	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	MAJOR ARTERIAL - OLD HIGHWAY 91 (3 LANE)	

NOTE

1. Meandering sidewalk required. Meander sidewalk through landscape buffer area.
2. Sidewalk may undulate but must meet clear zone requirements.
3. See city Trail Map for trail locations.

* Where homes or commericial sites do not front street, landscape buffer must be dedicated to City.



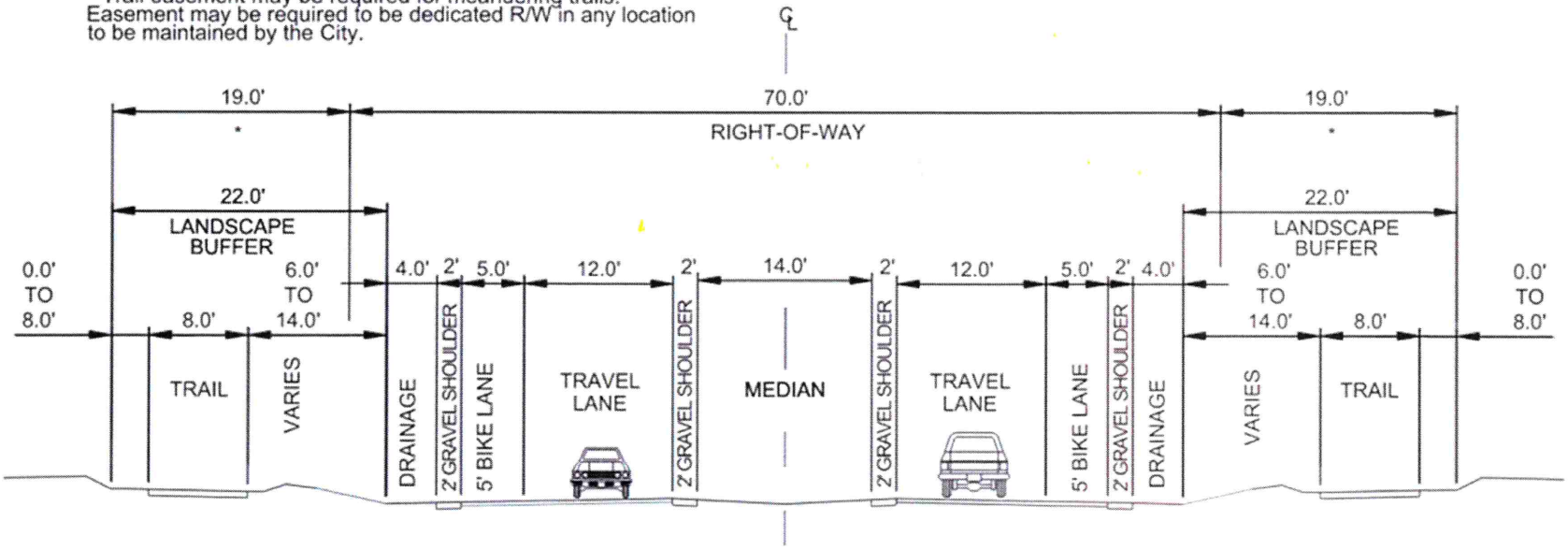
MAJOR ARTERIAL - OLD HIGHWAY 91 (5-LANE)

SCALE NONE DATE Sept. 2020	IVINS CITY	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City MAJOR ARTERIAL - OLD HIGHWAY 91 (5-LANE)	CROSS SECTION NO. 10C

NOTE

1. Trails and sidewalks may undulate but must meet clear zone requirements.
2. See city Trail Map for trail locations.
3. Where possible meander trail through landscape buffer area.
4. A concrete curb and gutter may be substituted at the outside edge of pavement for roadside drainage and may be required if specified by a drainage study.
5. The City may also require curb and gutter in the rural zone on a case by case basis in areas of commercial, industrial or medium- and high-density residential or as necessary to provide a reasonable and consistent transition from areas with curb and gutter to areas without.

* Trail easement may be required for meandering trails. Easement may be required to be dedicated R/W in any location to be maintained by the City.



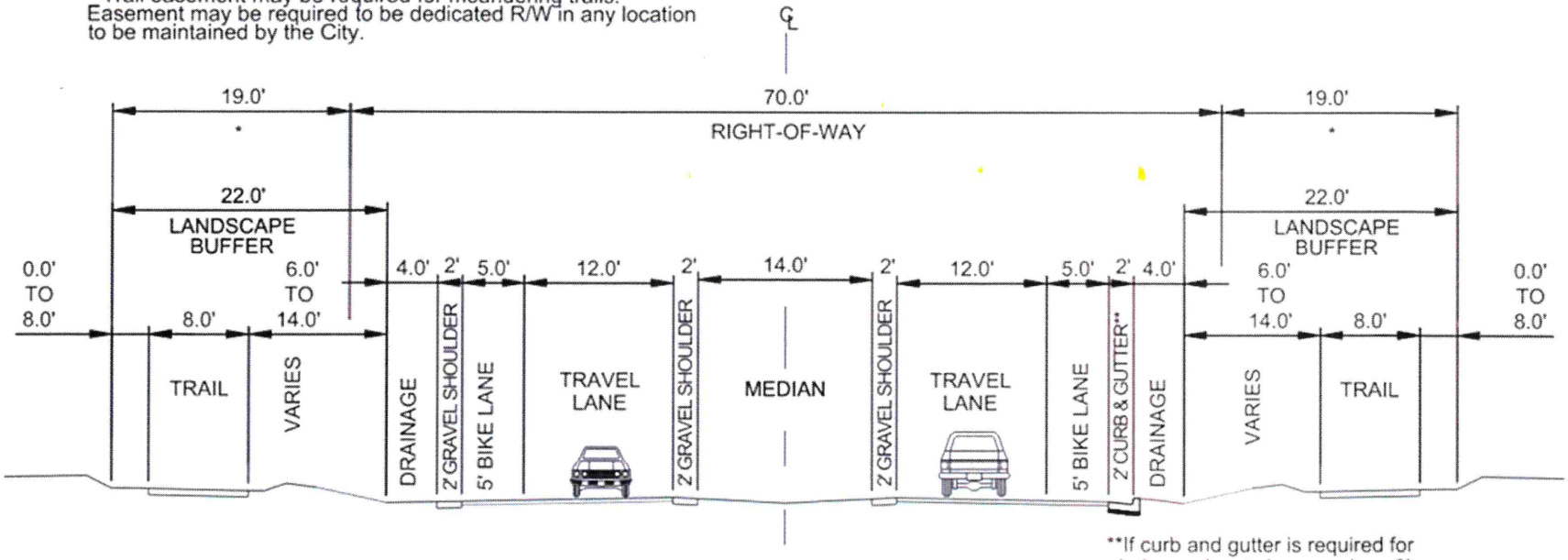
MAJOR COLLECTOR - LANDSCAPED MEDIAN IN RURAL ZONE

SCALE			
NONE	IVINS CITY	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7688	Ivins City MAJOR COLLECTOR - RURAL
DATE			CROSS SECTION NO.
Sept. 2020			11A

NOTE

1. Trails and sidewalks may undulate but must meet clear zone requirements.
2. See city Trail Map for trail locations.
3. Where possible meander trail through landscape buffer area.
4. A concrete curb and gutter may be substituted at the outside edge of pavement for roadside drainage and may be required if specified by a drainage study.
5. The City may also require curb and gutter in the rural zone on a case by case basis in areas of commercial, industrial or medium- and high-density residential or as necessary to provide a reasonable and consistent transition from areas with curb and gutter to areas without.

* Trail easement may be required for meandering trails. Easement may be required to be dedicated R/W in any location to be maintained by the City.



**If curb and gutter is required for drainage, locate here, replace 2' gravel shoulder

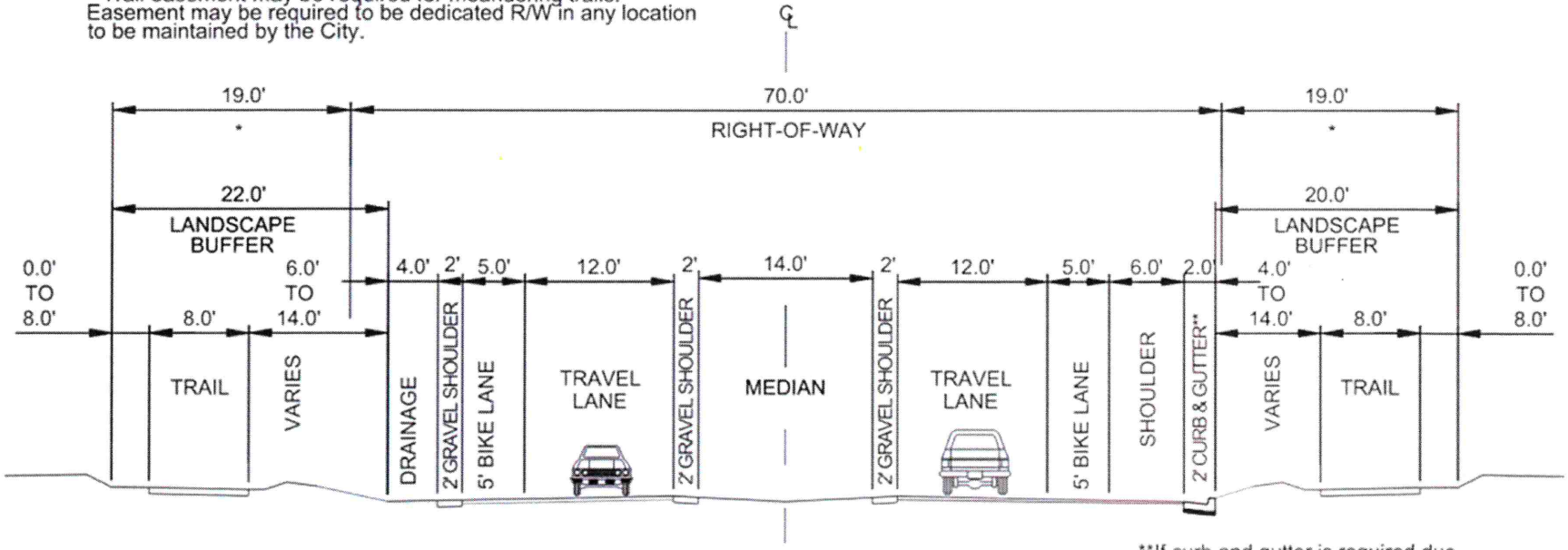
MAJOR COLLECTOR - LANDSCAPED MEDIAN IN RURAL ZONE KWAVASA DRIVE (SOUTH OF CENTER ST.)

SCALE			
NONE	IVINS CITY, UTAH	Ivins City	CROSS SECTION NO.
DATE	555 S. BLUFF STREET, SUITE 101, ST. GEORGE, UT 84770, (425) 986-7888	MAJOR COLLECTOR - KWAVASA DRIVE	11B
Sept. 2020			

NOTE

1. Trails and sidewalks may undulate but must meet clear zone requirements.
2. See city Trail Map for trail locations.
3. Where possible meander trail through landscape buffer area.
4. A concrete curb and gutter may be substituted at the outside edge of pavement for roadside drainage and may be required if specified by a drainage study.
5. The City may also require curb and gutter in the rural zone on a case by case basis in areas of commercial, industrial or medium- and high-density residential or as necessary to provide a reasonable and consistent transition from areas with curb and gutter to areas without.

* Trail easement may be required for meandering trails. Easement may be required to be dedicated R/W in any location to be maintained by the City.



**If curb and gutter is required due to drainage, locate here and extend asphalt to lip of gutter

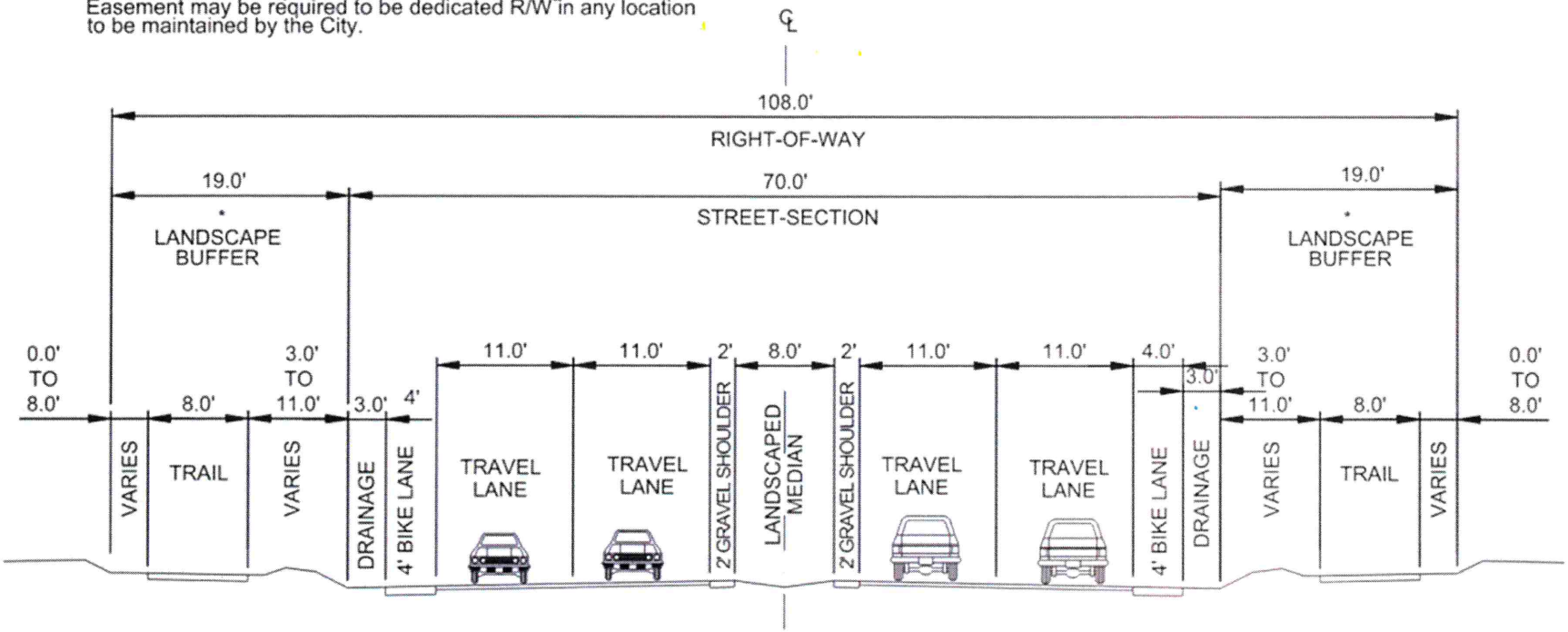
MAJOR COLLECTOR - LANDSCAPED MEDIAN IN RURAL ZONE KWAVASA DRIVE (NORTH OF CENTER ST.)

SCALE			
NONE	IVINS CITY UTAH	Ivins City	CROSS SECTION NO.
DATE Jan. 2021	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	MAJOR COLLECTOR-KWAVASA DRIVE	11C

NOTE

1. Trails and sidewalks may undulate but must meet clear zone requirements.
2. See city Trail Map for trail locations.
3. Where possible meander trail through landscape buffer area.
4. A concrete curb and gutter may be substituted at the outside edge of pavement for roadside drainage and may be required if specified by a drainage study.
5. The City may also require curb and gutter in the rural zone on a case by case basis in areas of commercial, industrial or medium- and high-density residential or as necessary to provide a reasonable and consistent transition from areas with curb and gutter to areas without.

* Trail easement may be required for meandering trails. Easement may be required to be dedicated R/W in any location to be maintained by the City.



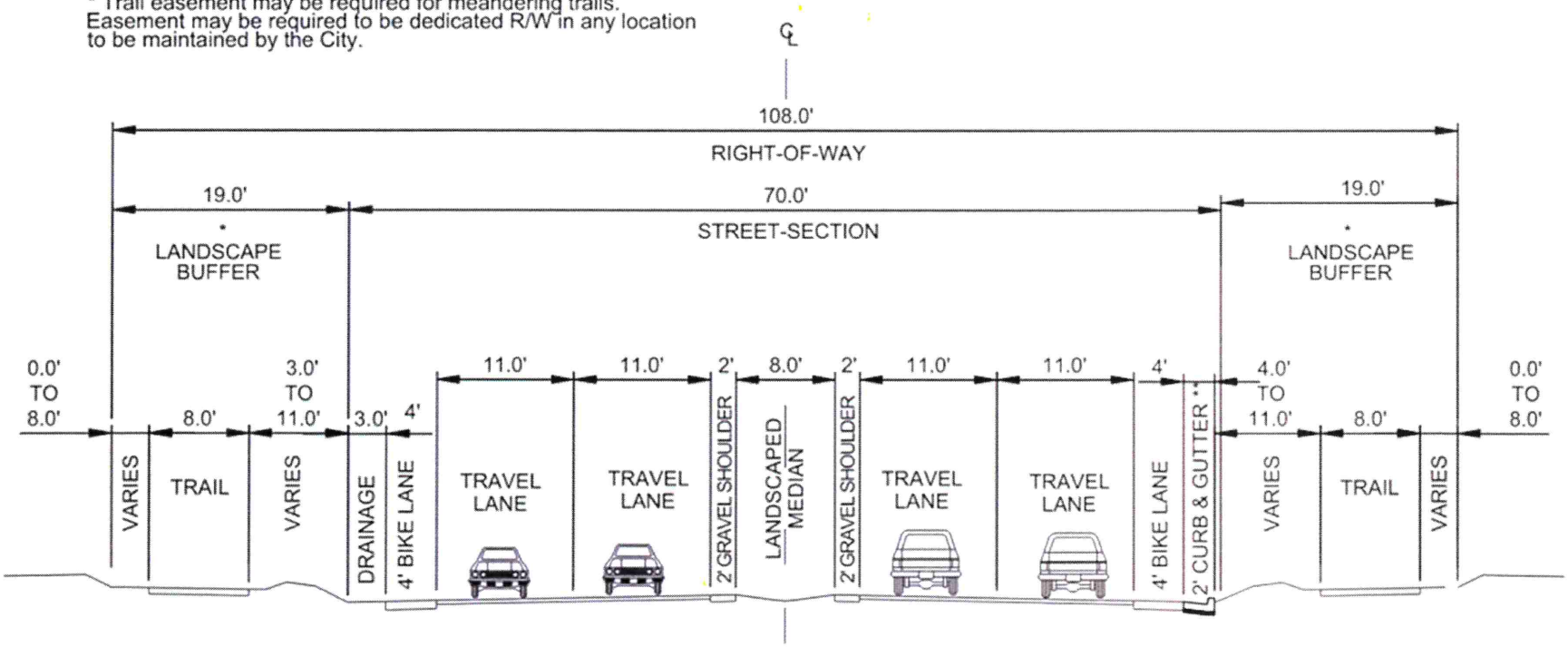
MINOR ARTERIAL - LANDSCAPED MEDIAN IN RURAL ZONE

SCALE			
NONE	IVINS CITY UTAH	Ivins City	CROSS SECTION NO.
DATE	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	MINOR ARTERIAL-RURAL	12A
Jan. 2021			

NOTE

1. Trails and sidewalks may undulate but must meet clear zone requirements.
2. See city Trail Map for trail locations.
3. Where possible meander trail through landscape buffer area.
4. A concrete curb and gutter may be substituted at the outside edge of pavement for roadside drainage and may be required if specified by a drainage study.
5. The City may also require curb and gutter in the rural zone on a case by case basis in areas of commercial, industrial or medium- and high-density residential or as necessary to provide a reasonable and consistent transition from areas with curb and gutter to areas without.

* Trail easement may be required for meandering trails. Easement may be required to be dedicated R/W in any location to be maintained by the City.

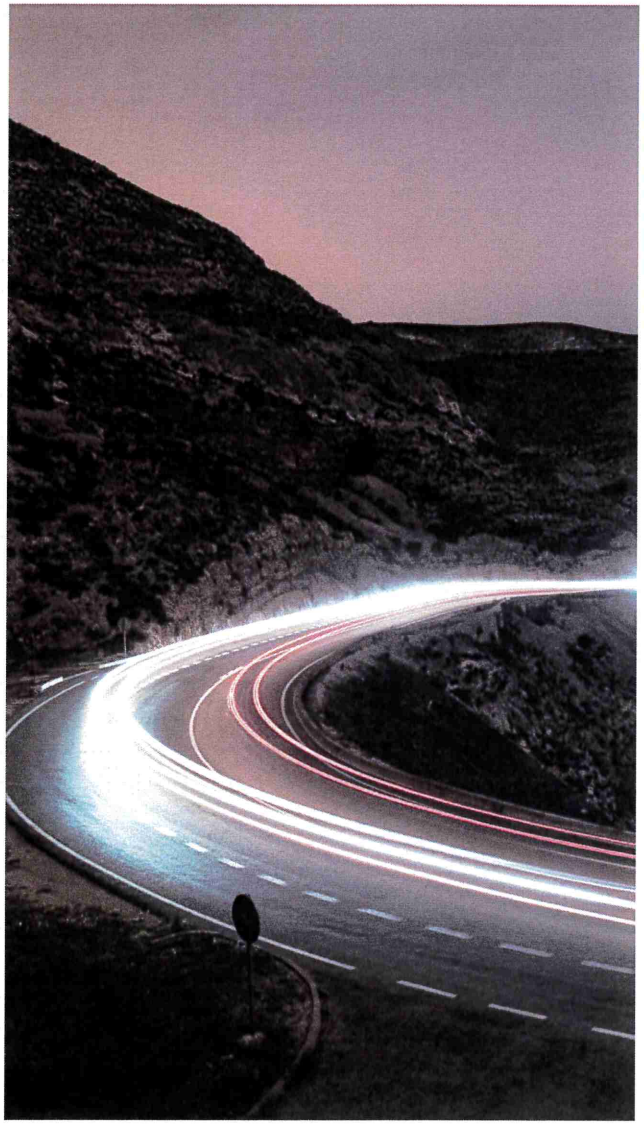


**If curb and gutter is required due to drainage, locate here

MINOR ARTERIAL - LANDSCAPED MEDIAN IN RURAL ZONE KWAVASA DRIVE (NORTH OF CENTER ST.)

SCALE			
NONE	IVINS CITY UTAH	555 S. BLUFF STREET SUITE 101 ST. GEORGE, UT 84770 (425) 986-7888	Ivins City
DATE			MINOR ARTERIAL-KWAVASA DRIVE (FUTURE)
Jan. 2021			

CROSS SECTION NO. **12B**



0 to 5-Year Transportation Improvement Plan (TIP)

Old Highway 91 – Widen Shoulder - 200 E to Kwavasa - $1,710,000

Old Highway 91 - Widen Shoulder - Kwavasa to Shivwits - $500,000

Public Works Yard Relocation - $3,120,000

Chip Seal Access Road to 100 Acre BLM Property - $200,000

Roundabout – Kayenta Parkway / Kwavasa Drive - $100,000

400 West Gap Fill - $100,000

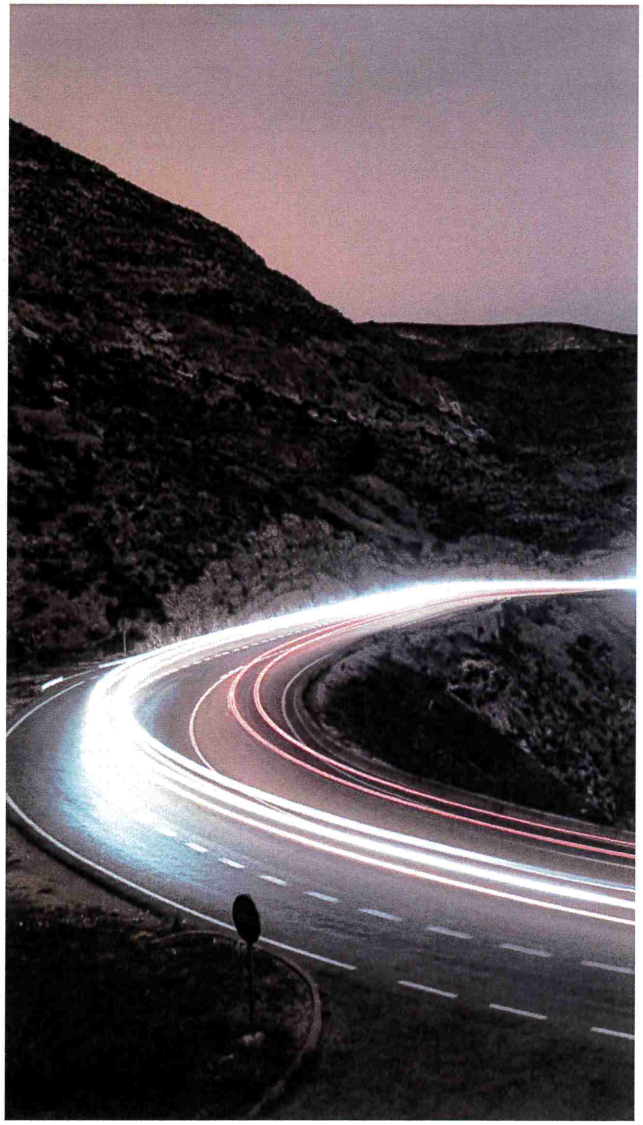
Center Street Streetscape Improvement, 750 E to 950 E - $100,000

Puerto Drive – Safe Route to School - $100,000

Puerto Drive – Mini Roundabouts - $50,000

Miscellaneous Safety, Gap Fill or Streetscape - $200,000

HORROCKS
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6 to 10-Year Transportation Improvement Plan (TIP)

Western Corridor – Connection to Gap Canyon Pkwy - $1,000,000

Western Corridor – 200 E to 400 E - $200,000

Western Corridor – 200 E to Old Highway 91 (roundabout) - $300,000

Trail Underpass (or overpass) on Old Highway 91 at Western Corridor- $500,000

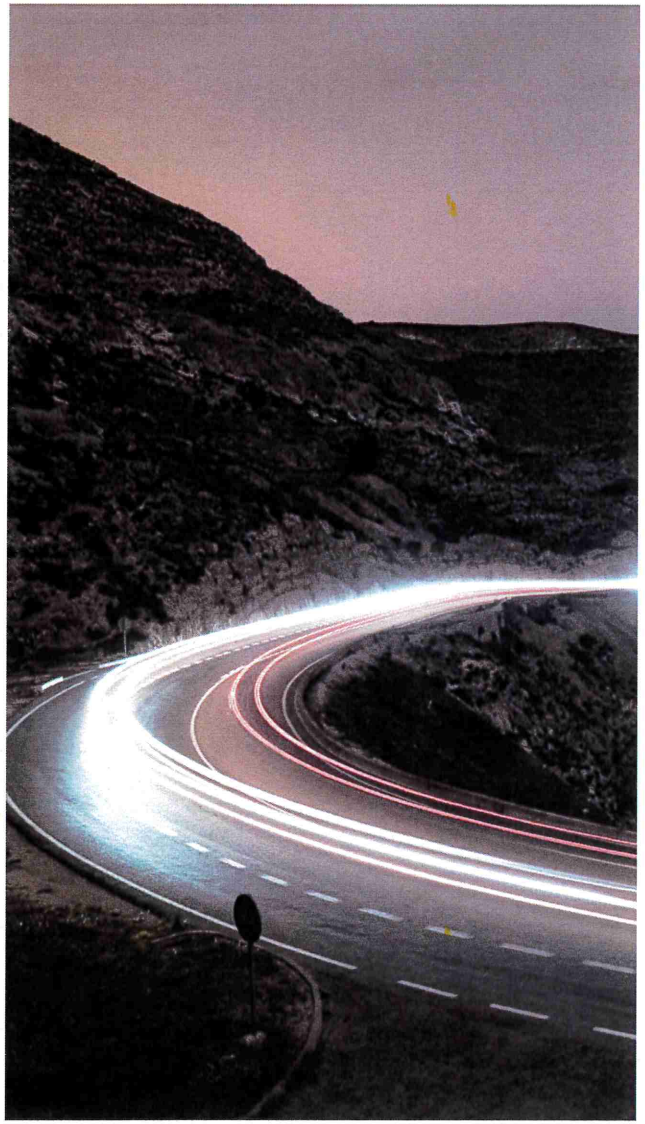
Trail Underpass (or overpass) on Center Street near Snow Canyon Drive - $500,000

Highway 91 Streetscape- $1,000,000

Roundabout – 400 E and Center Street - $650,000

Miscellaneous Safety, Gap Fill or Streetscape - $500,000

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11 to 20-Year Transportation Improvement Plan (TIP)

Old Highway 91 – Kwavasa to Pioneer Parkway – 5 lanes - $500,000

Western Corridor – Gap Canyon Parkway to I-15

Western Corridor – Old Highway 91 to Snow Canyon Parkway
$500,000

Kwavasa Drive, widen to 5 lanes - $300,000

Other Signals and Roundabouts - $1,000,000

Miscellaneous Roundabouts, Safety, Gap Fill or Streetscape - $1,000,000

HORROCKS
ENGINEERS

Questions and Discussion



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