



# TRANSPORTATION MASTER PLAN

Adopted March 2026



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# I. INTRODUCTION

## A. Overview

Herriman City (City) continues to see rapid growth with the construction of residential and commercial developments throughout the City. The estimated population in 2025 was 67,970, which is a population increase of approximately 11,700 since the previous 2020 census. This significant growth is expected to continue for the foreseeable future.

This Transportation Master Plan (TMP) guides transportation infrastructure investments for the future by addressing several goals identified by the City. Key to planning for Herriman’s transportation needs is an understanding of the roadway network’s existing and future operation. Once existing conditions are established, roadway conditions are forecasted to future year 2035 and 2050 to identify deficiencies in the roadway network that may occur due to land development and the resulting population growth.

In addition, this TMP provides recommendations that meet the requirements of Senate Bill 195 and covers City transportation management-related best practices, including access management standards, safety, traffic calming, and others. An interactive online [Story Map](#) website has been created to summarize this TMP.

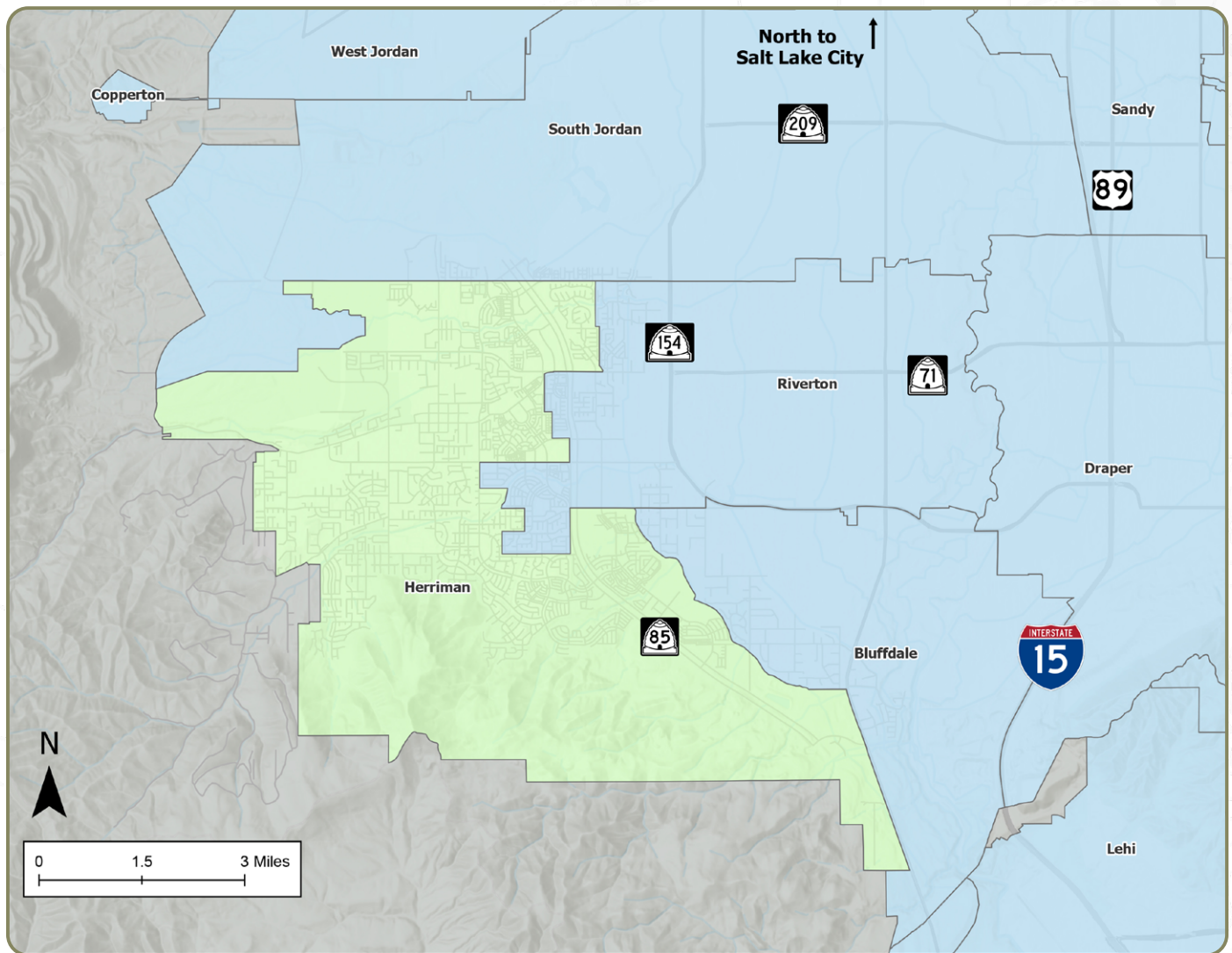






FIGURE 1: Vicinity Map

## B. Vision and Goals

In developing this TMP, Herriman City set the following vision:

*“Create and maintain a safe, well-connected, and coordinated transportation system for all travel modes throughout Herriman that facilitates connections to the regional transportation system.”*

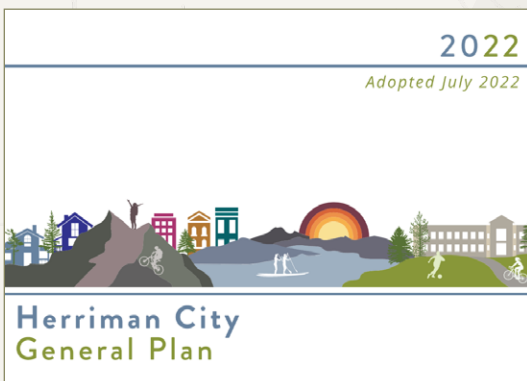
To achieve this vision, the following goals were established as a focus for these planning efforts:

-  Establish an appropriate level of service and identify projects and policies to maintain that level of service
-  Support public safety through projects that accommodate all modes of travel
-  Identify future multi-modal facility needs
-  Plan targeted roadways which are designed to accommodate high-capacity transit

This vision and subsequent goals set the tone for the proposed projects and policies established in this TMP.

## C. Previous Studies

As a starting point to the TMP, all recent transportation related projects in Herriman were reviewed. While this TMP will take a fresh look at understanding the future transportation needs in Herriman, it will still utilize previous studies to help create more robust recommendations. For UTA and UDOT facilities, recommendations are taken directly from these plans as Herriman, while a key stakeholder, does not dictate decisions made by these agencies.



### Herriman City General Plan (2022)

Adopted in 2022, the Herriman City General Plan, or Herriman NEXT, is the primary guide for policy and decisions for future growth and capital improvements. Herriman NEXT established key initiatives for the City, including Growing Wisely, Optimizing Open Spaces, Maximizing Unique Fiscal Opportunities, and Enhancing/Supporting Community and Culture. These key initiatives help shape the vision and goals for this TMP. Within this, one of the overall planning goals includes Safe Transportation Choices. Identified strategies to promote safe transportation choices include developing a multi-modal grid network, strategically planning transportation corridors, providing access to outdoor amenities via a robust trail and sidewalk system, connecting the roadway network to the regional system, and understanding the timing and impacts of infrastructure and development.



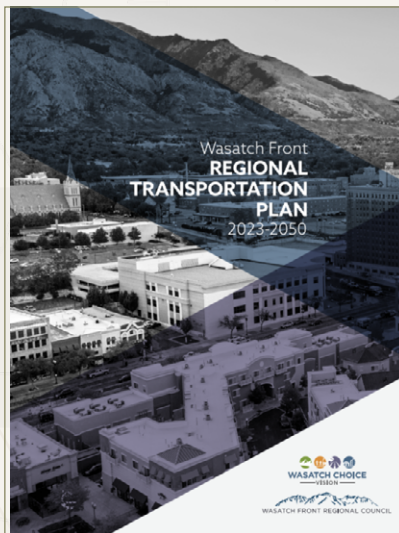
## Herriman Transportation Master Plan (2022)

The previous Herriman Transportation Master Plan (2022) serves as a planning document to fulfill the City’s transportation goals. This TMP also proposes several roadway projects. Since this TMP’s adoption, some of these projects have been built. This document will serve as a starting point for the recommendations in this current TMP.



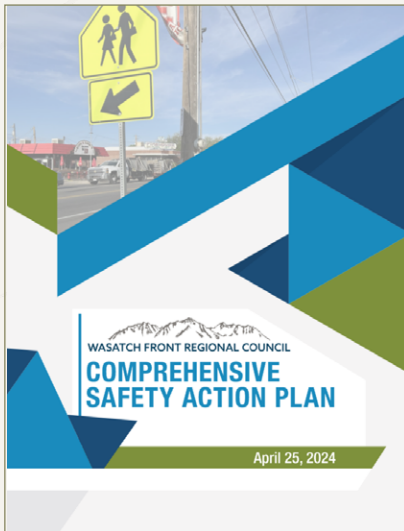
## Herriman Active Transportation Plan (ATP) (2021)

The Herriman City Active Transportation Plan (ATP) (2021) establishes how the City can create an active transportation system that meets the community’s needs. As part of this plan, existing active transportation facilities are identified and future facilities are proposed. Recommendations provided in the ATP will guide the active transportation section of this TMP.



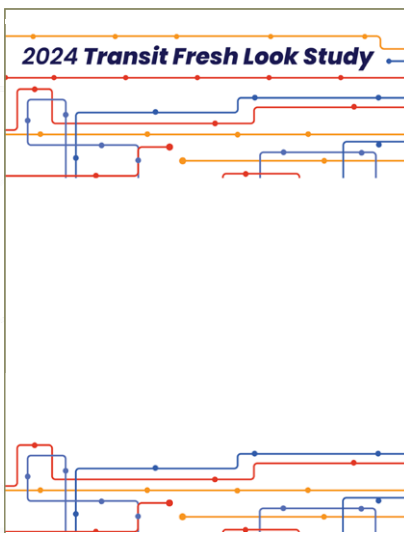
## Wasatch Regional Transportation Plan (2023) – Wasatch Choice Map

The Wasatch Front Regional Council has created a [Regional Transportation Plan \(“RTP”\)](#) through 2050. Included is a web map that is updated on an ongoing basis with the status of projects in the RTP. The RTP includes many roadway, transit, and active transportation projects in Herriman. Understanding this plan will be crucial to ensure that the City’s Transportation Master Plan integrates well with the regional goals of the WFRC. Relevant projects are discussed later in this report. Additionally, the status of projects is shown in WFRC’s [Transportation Improvement Program](#).



## WFRC Comprehensive Safety Action Plan (2024)

WFRC Comprehensive Safety Action Plan presents strategies to reduce roadway fatalities and serious injuries in the Wasatch Front Region, including Salt Lake County. Projects identified in Herriman include traffic calming and medians along Sentinel Ridge Boulevard including a high visibility crosswalk or pedestrian refuge island at the intersection with Lower Meadow Drive. Other projects include filling in missing sidewalks on 13400 South and implementing striped buffered bike lanes and a center curbed median.



## Fresh Look Transit Study (Ongoing)

[The Transit Fresh Look](#) is an effort for communities and agencies to coalesce behind a desired and feasible transit future for southwestern Salt Lake County and northwestern Utah County. As of the writing of this report, limited information has been provided on recommendations within Herriman. This website will be updated with recommendations.



## UTA Five-Year Service Plan (2025-2029)

[This plan](#) outlines Utah Transit Authority's (UTA) current service and proposed improvements for a five-year period across the entirety of the Wasatch Front. Regarding Herriman, this plan discusses bus route 126, which is a service between Daybreak Parkway Station in South Jordan and Draper Town Center Station via 12300/12600 South and 13400 South Corridors. There are connections to Draper Frontrunner Station and Herriman SLCC/Real Academy. This route runs weekdays at 60-minute frequency. In 2028, this frequency will be increased to 30 minutes.



### UDOT 12600 South Study

The 12600 South Study by UDOT shows the planned alignment for the extension of Herriman Boulevard. Additionally, the future U-111 alignment is also highlighted. The environmental study for this project was completed in 2023. This project is included in the roadway projects outlined in this TMP.



## D. TMP Development

To help ensure existing and future needs are met while providing a clear vision for Herriman to grow and change, Wall Consultant Group (WCG) facilitated a TMP project team, coordinated with neighboring jurisdictions, met with the Planning Commission and City Council, and held coordination meetings with additional entities. Each of these efforts are summarized below.

### Project Team

A project team was established with City personnel and WCG. This group met throughout the planning process and conducted a kickoff meeting, monthly coordination meetings, neighboring jurisdiction coordination, and Planning Commission / City Council coordination.

### Neighboring Jurisdiction Coordination

The process of putting together this TMP involved a meeting with stakeholders in Herriman and the surrounding region. This included a neighboring agency coordination meeting that occurred on May 27, 2025 and included the following organizations:

- Herriman City
- Jordan School District
- Bluffdale City
- Riverton City
- South Jordan City
- UDOT
- WFRC
- UTA



While no representative of Camp Williams was able to attend, an invitation was extended. Meeting topics included future roadway plans in neighboring cities, coordinating cross section dimensions on regional roadways, outlining regional transit plans, discussing the regional active transportation network, and discussing plans for future schools in the City. Takeaways from this meeting included ensuring active transportation is consistent with the Utah Trail Network and Beehive Bikeways, and the jurisdictional transfer of 12600 South to UDOT ownership.



### Planning Commission and City Council

To assist with the adoption of the TMP, IFFP, and IFA, WCG presented their analysis findings and recommendations to the City Council and Planning Commission. WCG attended the Planning Commission on August 6, 2025, and City Council on August 13, 2025. Takeaways from these meetings included ensuring that project phasing was consistent with City expectations and identifying additional focus areas within the City.



## MEDIAN DESIGN



### Median Design Preferred

Total Votes: 76

Option	Votes	%	Bar Chart
Two-way left-turn	19	25.0%	■■■■■■■■■■■■■■■■■■■■
Simple Curbing	21	27.6%	■■■■■■■■■■■■■■■■■■■■
Landscaped	22	28.9%	■■■■■■■■■■■■■■■■■■■■
Median			
Xeriscape Median	14	18.4%	■■■■■■■■■■■■■■■■■■

## ROADWAY NETWORK

Which roadway network do you prefer to live in?

Option A



Wide Arterial Streets AND Cul-de-sacs

Option B



Narrow Streets AND Fully Connected Grid Network

### Roadway Network Preferred

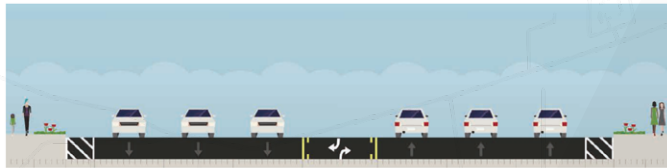
Total Votes: 99

Option	Votes	%	Bar Chart
Option A	63	63.6%	■■■■■■■■■■■■■■■■■■■■
Option B	36	36.4%	■■■■■■■■■■■■■■■■■■■■

## Roadway Cross Section Preferred

Total Votes: 88

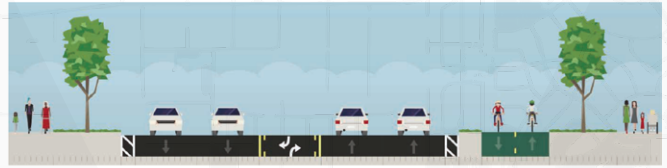
Option	Votes	%	Bar Chart
Option A	22	25.0%	■■■■■■■■■■■■■■■■■■■■
Option B	66	75.0%	■■■■■■■■■■■■■■■■■■■■



### Option A: Maximized vehicle capacity and speeds

Results in the following:

- Higher speeds
- Higher vehicle capacity
- Higher risk of more severe crashes due to higher speeds
- Less opportunities for pedestrians and bicyclists



### Option B: Balanced Mobility

Results in the following:

- Lower speeds
- Greater congestion
- Higher safety due to slower speeds
- More opportunities for pedestrians and bicyclists



## E. Herriman Characteristics

This section discusses the existing and future land use and demographics of the City. The land use and demographic characteristics are used in the travel demand modeling process to project traffic volumes and determine future transportation needs.

### Land Use

As land-use directly drives the quantity and location of new trips, it is essential to identify changes in future land-use to understand the needs of the future transportation network. As new areas develop and existing areas redevelop over time, changes to the transportation network are often needed to accommodate the associated growth and changes in travel demand. The zoning and future land use maps can be found on the [City's website](#).

Given Herriman's location on the Wasatch Front, direct access to the Mountain View Corridor, and large tracts of vacant land on the western side of the City, it is primed for continued growth. As such, Wasatch Front Regional Transportation Plan 2023-2050 forecasts that the number of households in Herriman will increase by approximately 18,000 by 2050 (about a 100% increase). In meeting with the City and discussing current annexation boundaries, a household increase of 21,000 by 2050 (109% increase) was determined to be more accurate and was used in development of this TMP.

While a majority of Herriman is either existing or planned residential, commercial areas are also present and are expected to grow. It is expected that the City will build upon its existing mixed-use and commercial areas in the City, particularly along Mountain View Corridor, and new mixed-use areas in master planned developments.

### Demographics

This section discusses the demographics of Herriman City and provides statistical characteristics of human populations, such as income, employment, household size, and journey to work. These characteristics have a direct impact on the transportation needs of the City.

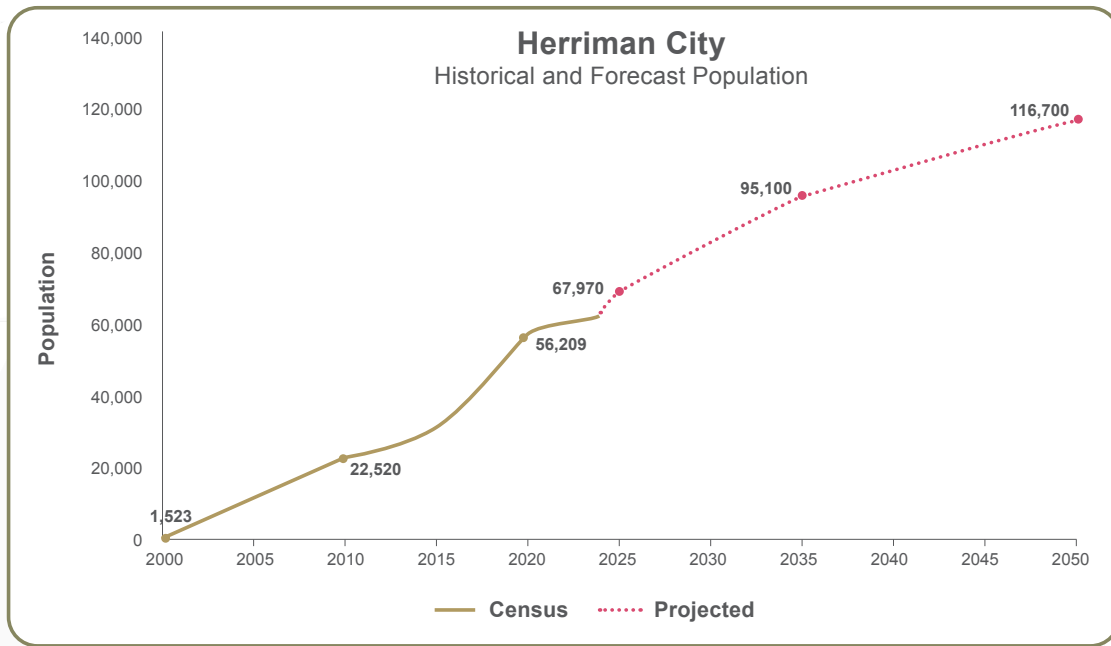
### Population

Herriman has experienced dramatic population growth over the past 20 years. Historic population census data is shown below in **Table 1**.

The 2025 population is estimated to be 67,970. Initial WFRC growth projections are based on analysis from the Kem C. Gardner Policy Institute, land-use policies, and development trends. For this analysis, land-use forecasts were refined through review of available Master Development Agreements for large planned projects in Herriman and through conversations with City planning and data analysis staff. The resulting growth forecasts show Herriman population growing by approximately 72% by 2050. **Table 2** below shows a breakdown of projected population growth between 2025 and 2050. **Figure 2** shows a summary of the historical and projected Herriman population.

Year	Population
2000	1,523
2010	22,520
2020	56,209
2024	62,352

Year	Population	% Change
2025	67,970	-
2035	95,100	40% from 2025 to 2035
2050	116,700	72% from 2025 to 2050



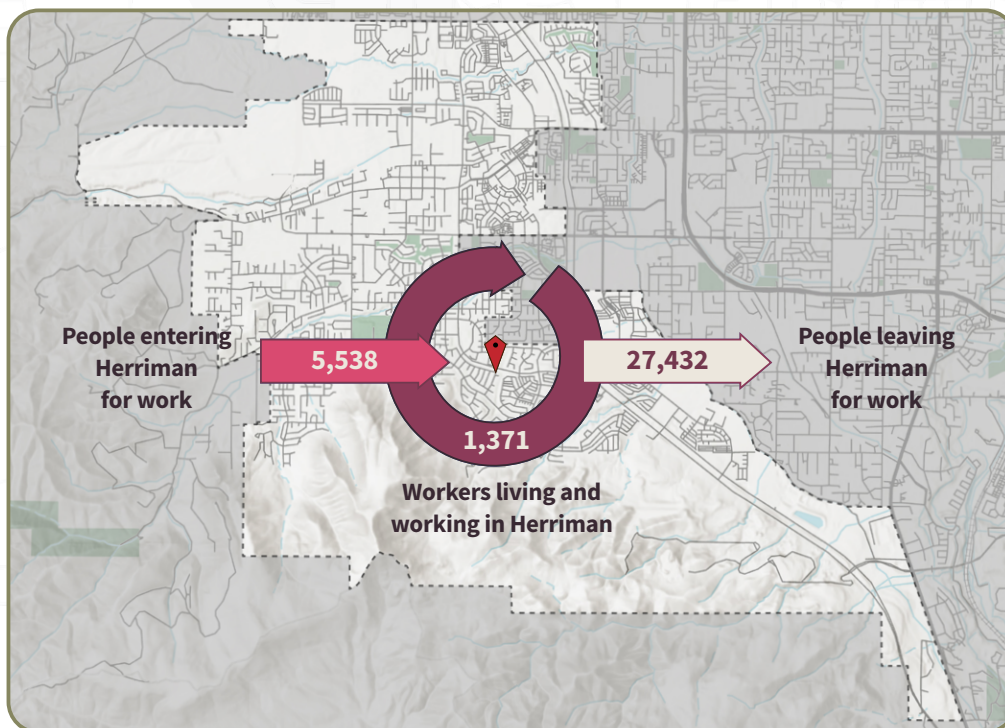
**FIGURE 2: Historical and Projected Herriman Population**

### Households

In 2025 it is estimated there are 19,380 households in Herriman. Most of the housing in Herriman is single-family homes. According to the US Census American Community Survey (ACS) data for 2023, there was an average of 3.43 persons per household in Herriman.

### Employment and Journey to Work

The median income for each household in 2023 was \$118,446 (2023 dollars). The average travel time to work for those who are 16 and older is 27.4 minutes. Based on data from the US Census Bureau’s Center for Economics, **Figure 3** shows that the number of workers who live in Herriman and travel elsewhere for work is almost five times higher than those workers living elsewhere who travel into the City for work.

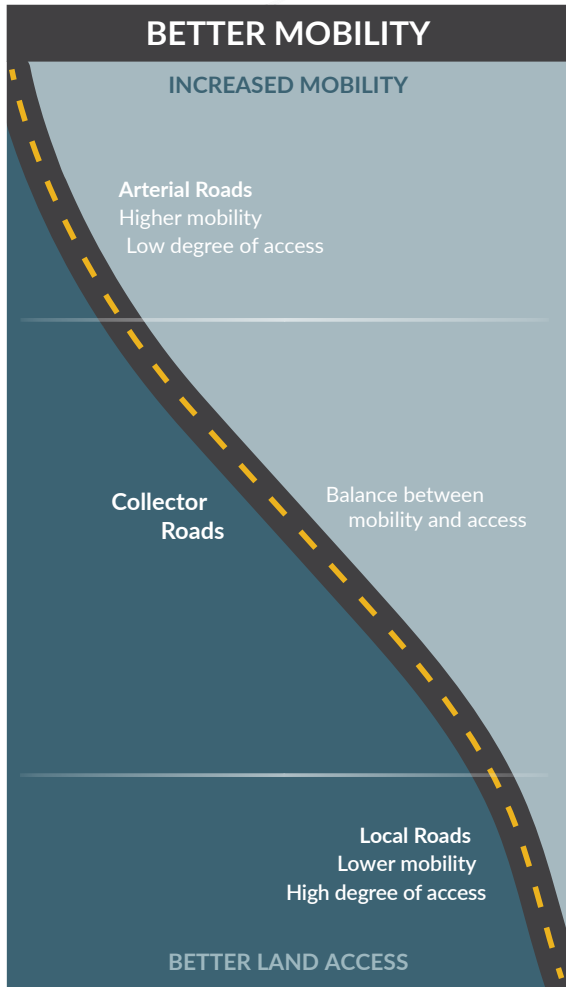


**FIGURE 3: Worker In-Flow & Out-Flow (2022)**

# II. ROADWAY NETWORK

## A. Overview

The purpose of the transportation network analysis is to identify existing and future deficiencies in the roadway network that may occur due to increased vehicular traffic associated with land development and population growth. Traffic conditions are examined for the base year (2025) and two future years (2035 and 2050), and recommendations for future improvements are discussed.



**FIGURE 4:** Functional Classification Definitions

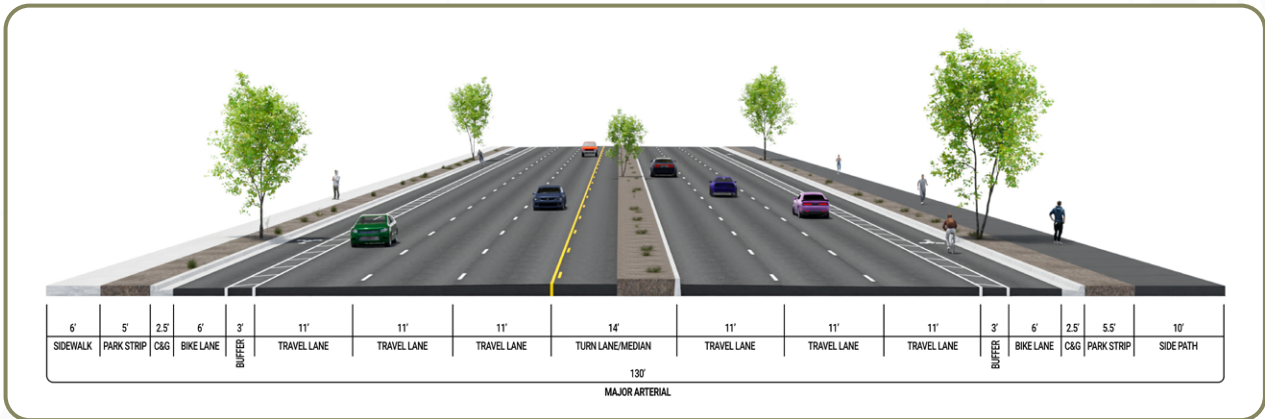
## B. Roadway Functional Classification

Roads are categorized into a hierarchical system based on roadway attributes such as speed, access and right-of-way (ROW) width. The higher a street classification, the more mobility it provides with limited access. Lower street classifications have less mobility, but more access. The functional classification of a roadway indicates the road’s role within the transportation system, which in turn helps determine when increased travel demand or change in the road’s use could lead to negative impacts on its intended function in terms of speed, capacity, and relationship to existing and future land use (FHWA, 2013).

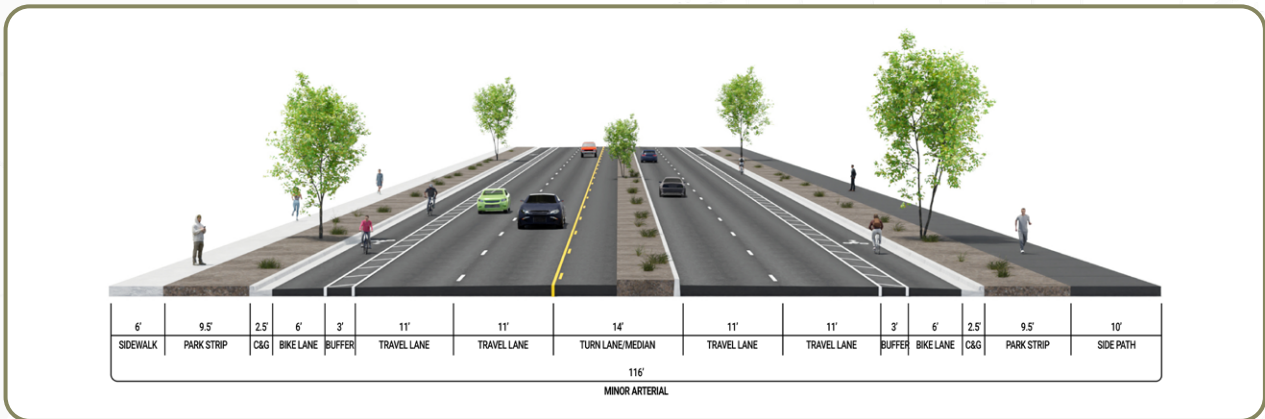
The City’s functional classifications used in this TMP are major arterial, minor arterial, major collector, minor collector, local, and minor local, and are shown in **Figures 5 through 10** below. Key cross sectional elements for each of these classifications are summarized in **Table 3** and are accurate as of the publication of this document. The existing and future functional classification maps are shown in **Figures 11 and 12**.

TABLE 3: HERRIMAN KEY CROSS SECTION ELEMENTS			
Functional Classification	# Lanes	ROW Width (ft)	Roadway Width <sup>1</sup> (ft)
Major Arterial	7	130	102
Minor Arterial	5	116	80
Major Collector	3	80	56
Minor Collector	2-3	68	45
Local	2	60	36
Minor Local	2	53	32

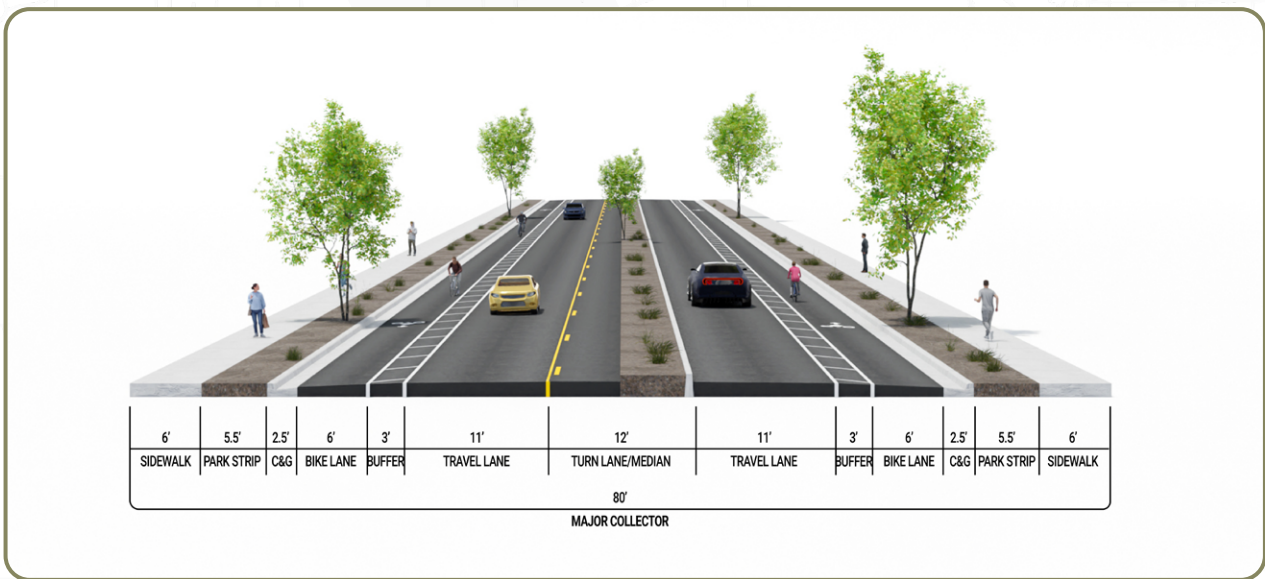
<sup>1</sup> Includes 2’ gutter pan on each side



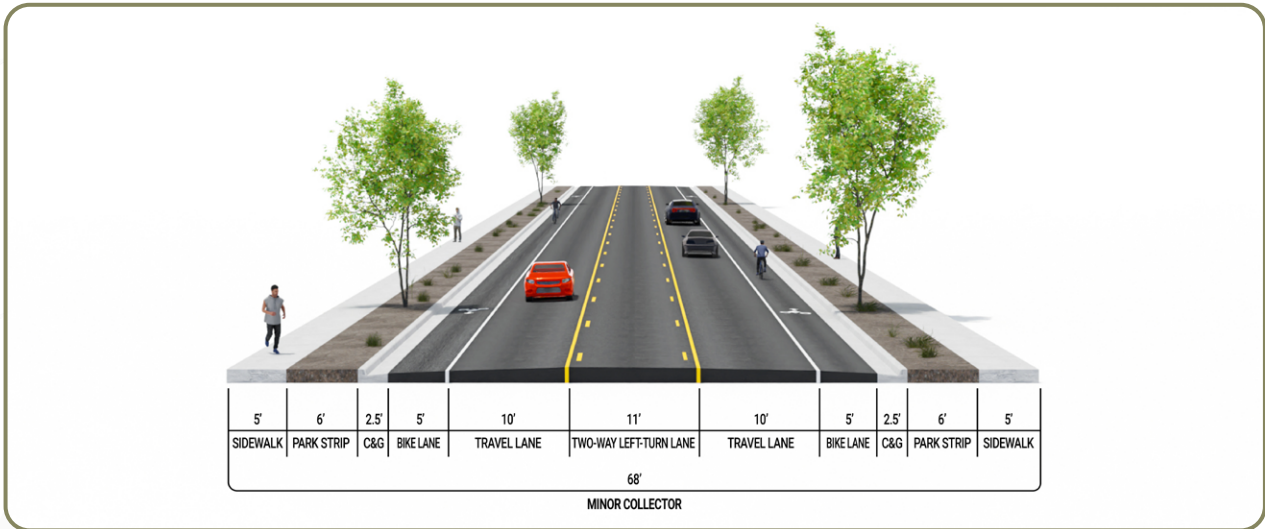
**FIGURE 5: Major Arterial Cross Section**



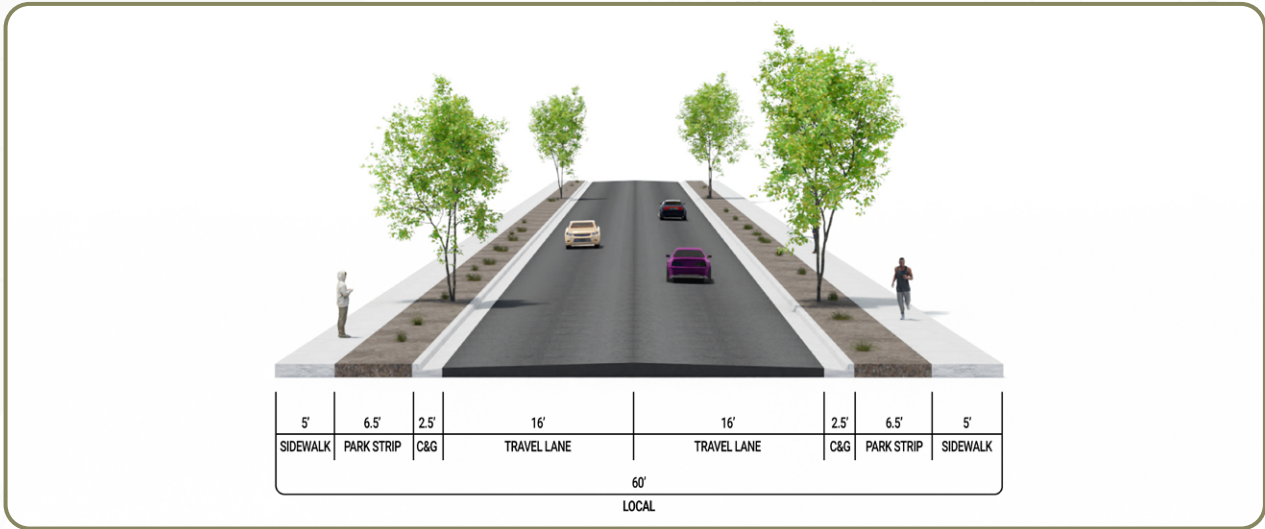
**FIGURE 6: Minor Arterial Cross Section**



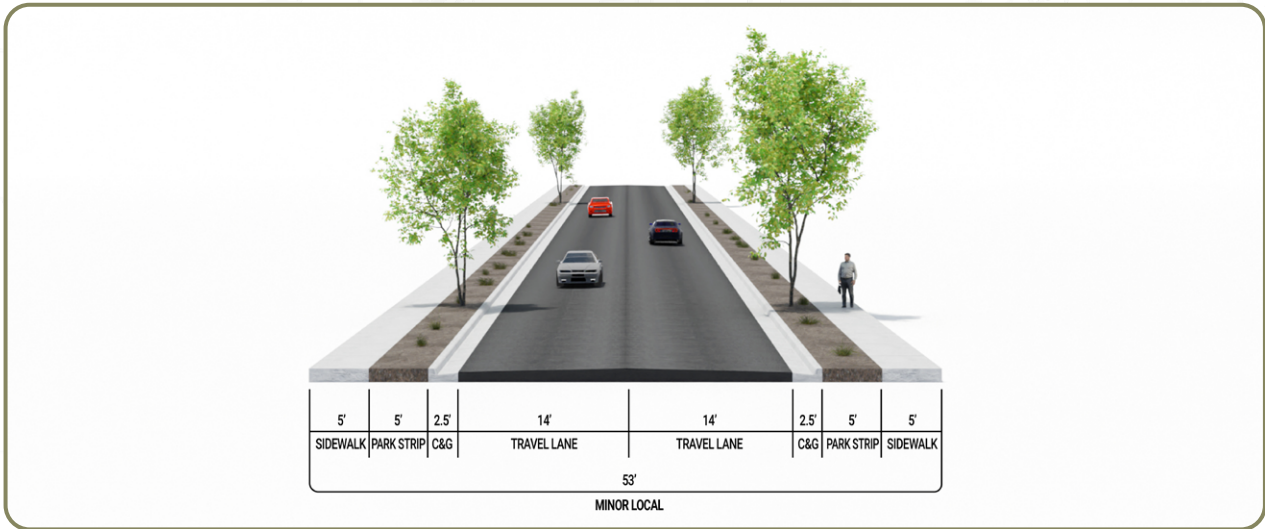
**FIGURE 7: Major Collector Cross Section**



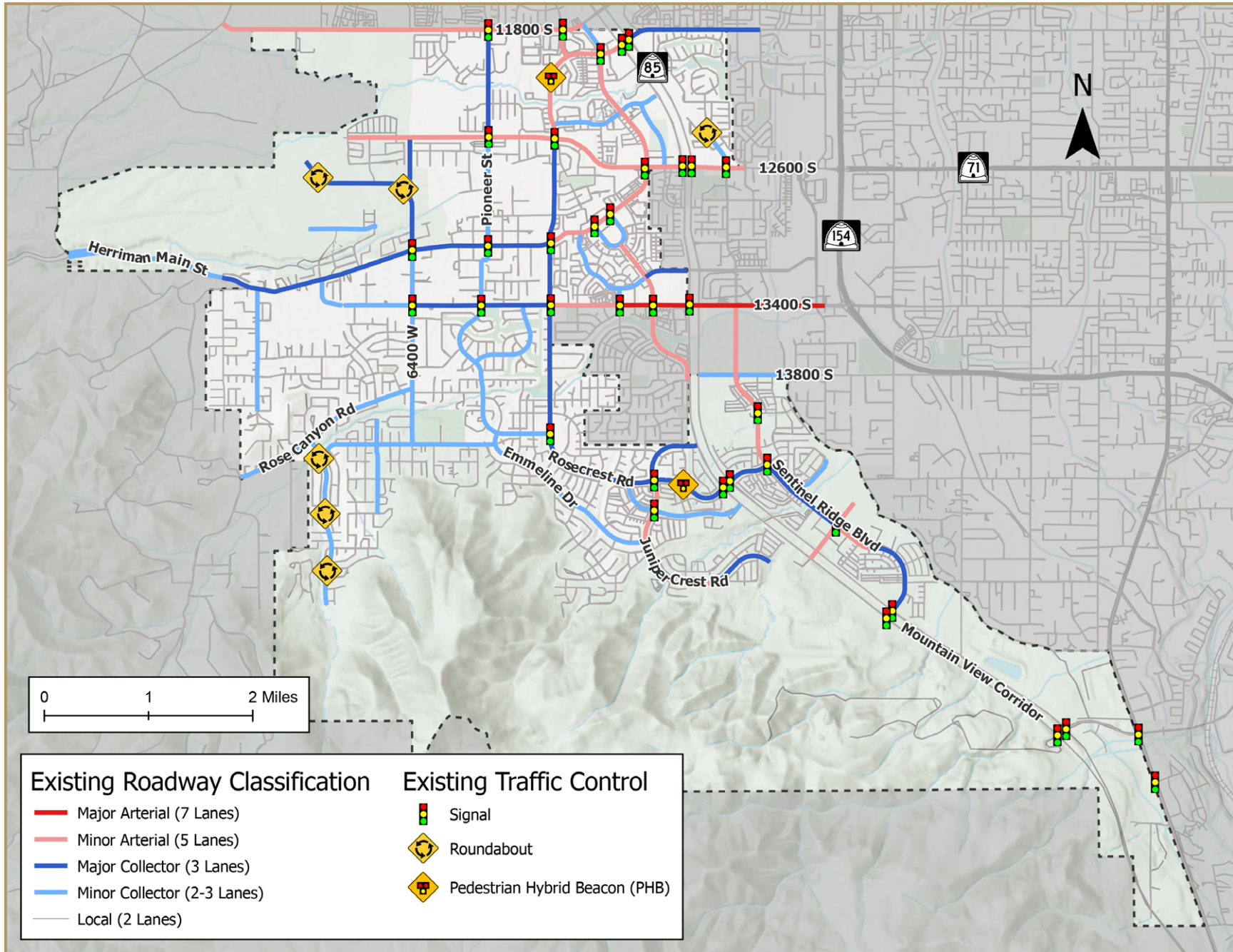
**FIGURE 8: Minor Collector Cross Section**



**FIGURE 9: Local Cross Section**



**FIGURE 10: Minor Local Cross Section**



**FIGURE 11: Existing Functional Classification and Intersection Control**

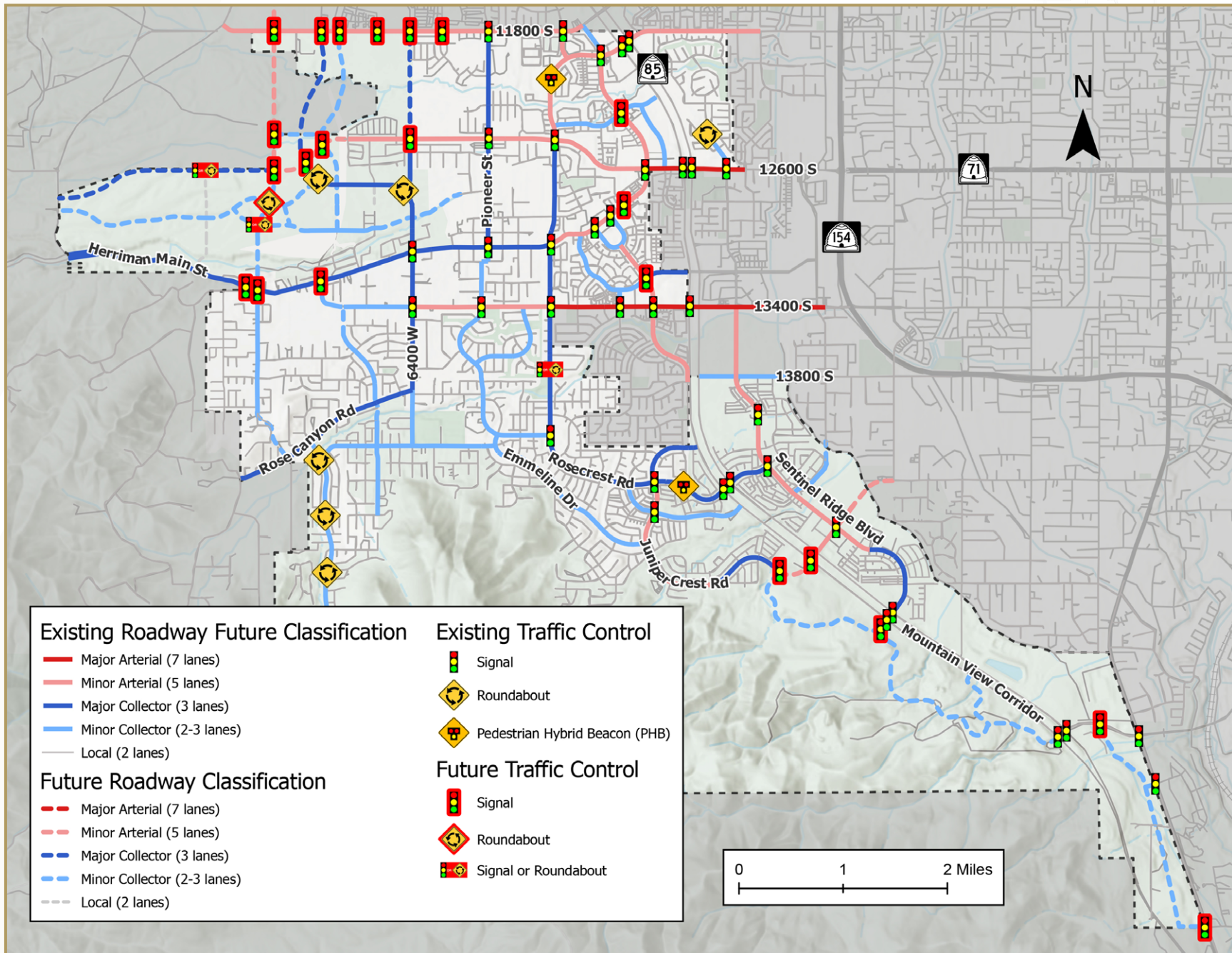


FIGURE 12: Future Functional Classification and Intersection Control

## C. Level of Service Definitions

Roadway traffic congestion is reported using the term “Level of Service” (LOS), which is a planning term that describes the roadways operating performance. Roadway segments are assigned LOS categories based on the calculated density of vehicle flow, or the volume-to-capacity (VC) ratio. LOS is reported on a scale from A to F, with A representing free-flow conditions and F representing highly congested conditions. For this analysis, daily LOS is calculated for study roadway segments using the projected Average Daily Traffic (ADT) for the given roadway segments and capacities informed by lane count and functional classification. Descriptions for each LOS letter designation and the accompanying range of traffic volumes are shown below (Table 4)<sup>2</sup>.

For the purposes of this plan, a minimum overall roadway performance of LOS D is considered acceptable. If LOS E or F for a roadway is calculated, explanations and/or mitigation measures are presented.

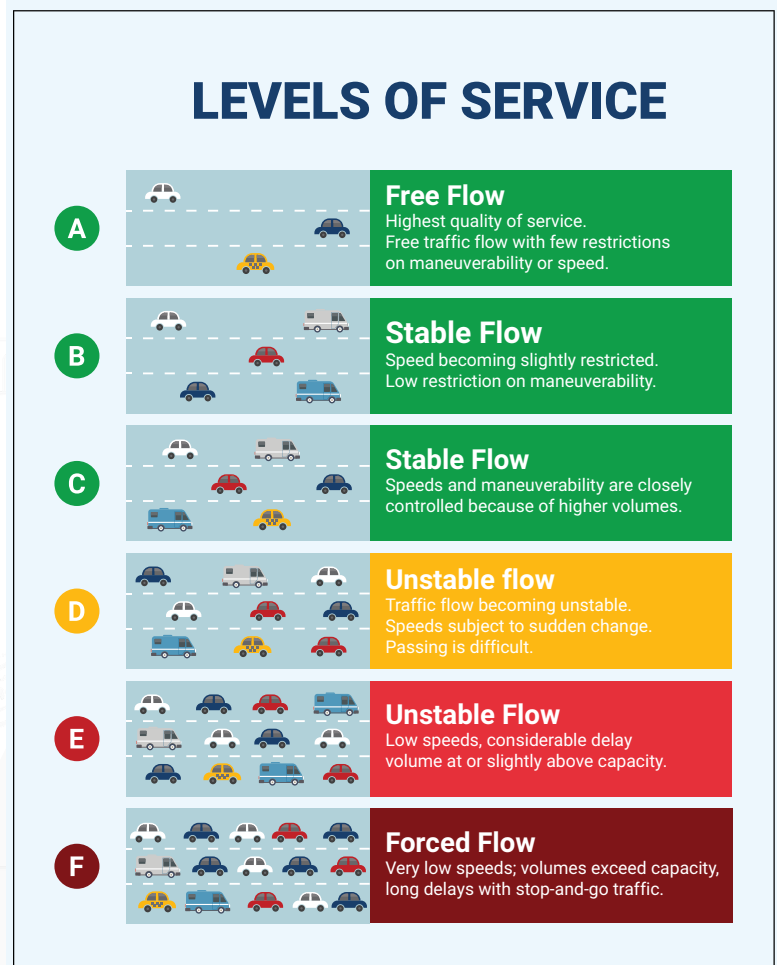


FIGURE 13: Level of Service Definitions

Functional Classification	Lanes	LOS A-C	LOS D	LOS E	LOS F
Collectors & Arterials	2	< 9,375	9,375 to 10,625	10,625 to 12,500	> 12,500
	3	< 13,350	13,350 to 15,130	15,130 to 17,800	> 17,800
	5	< 28,500	28,500 to 32,300	32,300 to 38,000	> 38,000
	7	< 43,500	43,500 to 49,300	49,300 to 58,000	> 58,000

<sup>2</sup> Level of service volume ranges reflect assumed capacity levels for typical sections of the roadway type and cross-section indicated. In select locations, capacity adjustments are applied for this analysis based on local conditions including the presence of turn lanes, intersection spacing, access management, and engineering judgment.

## D. Existing (2025) Conditions

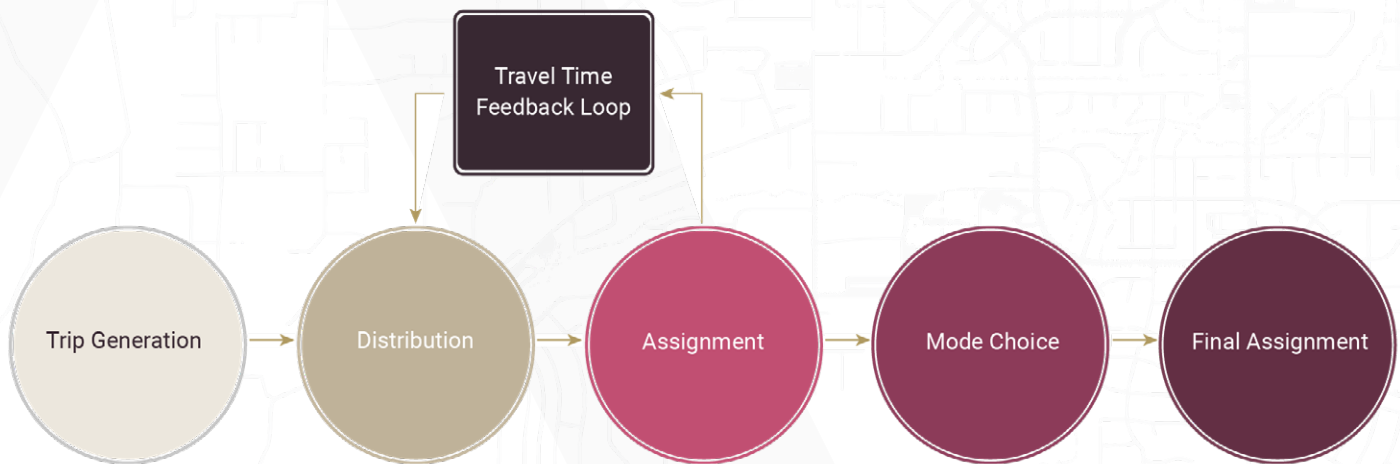
In order to accurately identify existing conditions on the roadway network in Herriman City, the consultant team gathered traffic data. The City maintains a robust traffic count program with short-term automatic traffic counts on City roadways. Traffic data from UDOT’s Automated Traffic Signal Performance Metrics were also used to help identify traffic volumes on state roads.

The volumes from these sources were compiled, and 2025 levels of service have been calculated for study area roadways using criteria from **Table 4** and are presented below in **Figure 14**. All roadways in Herriman are currently operating at an acceptable LOS D or higher with the exception of the following roadway segments, which operate at LOS E or F:

- **12600 South;** Herriman Auto Row to Bangերter Highway
- **13400 South;** Mirabella Drive to Rosecrest Road
- **Rosecrest Road;** River Chase Drive to Mountain View Corridor
- **Redwood Road;** Porter Rockwell Boulevard to south Herriman border

## E. Travel Demand Model

The transportation network analysis was performed using a locally-refined version of the Wasatch Front Travel Demand Model (v9.0.1, dated April 2024). The model is a complex planning tool developed and maintained by the Wasatch Front Regional Council (WFRC) and the Mountainland Association of Governments (MAG). The TDM employs the classic four steps of travel demand modeling of trip generation, distribution, mode choice, and assignment to develop traffic forecasts. These steps are executed sequentially and iteratively to determine how many trips (generation) are made between origin and destination pairs (distribution), using which form of transportation (mode choice), and following which paths (assignment). Person trips are generated based on input socioeconomic data including population, households, and employment within geographic units referred to as Transportation Analysis Zones (TAZs). After distribution and mode choice, vehicle trips between origin and destination TAZ pairs are assigned to the roadway network using optimized paths identified through iteration to account for network congestion.



For this analysis, the travel demand model was updated to include a more detailed TAZs and roadway network, as well as more refined base and future-year socio-economic data for the Herriman area. Travel demand modeling was performed in Bentley Cube version 6.5.1.

WCG reviewed and updated the roadway network to reflect 2025 conditions. This included adding recently constructed roadways, refining TAZ centroid connections, and adding detail to the roadway network in areas of increased land use density and TAZ refinement.

Base year (2025) household and employment estimates were initially developed by WFRC for the Wasatch Front Regional Transportation Plan. Where additional TAZ detail was added, base-year SE data was distributed between subdivided TAZs. Combined household and employment densities for 2025 are shown below in **Figure 15**.

Base year ADT estimates from the refined travel model were compared with the recent count data. Where the travel demand model over or under-estimated current traffic volumes, adjustment factors were identified and applied to both base-year and future traffic projections to account for inherent imperfections in the travel demand model and to provide the best possible future traffic volume projections.

Details regarding modeling specifics such as roadway network, demographics, and scenario testing are described in the sections below.

## F. Future (2035) Conditions

This section discusses the future (2035) roadway conditions in Herriman City, including an LOS analysis in which future congestion is identified in a no-build scenario model run, improvements are recommended, and a build scenario LOS is then analyzed to observe the impact of the proposed projects. Future roadway projects and network updates to the travel demand model are discussed in detail below.

### a. 2035 Roadway Network

The City roadway network was updated for the 2035 analysis to include new roadways and grid connections that have been planned to occur during the 10-year planning window. Both the no-build and build analyses include new UDOT roadways outside of Herriman jurisdiction, including construction of the Mountain View Corridor grade-separated highway and ramps. The build scenario adds roadway improvement projects identified to address future congestion and new roadway connections in Herriman.

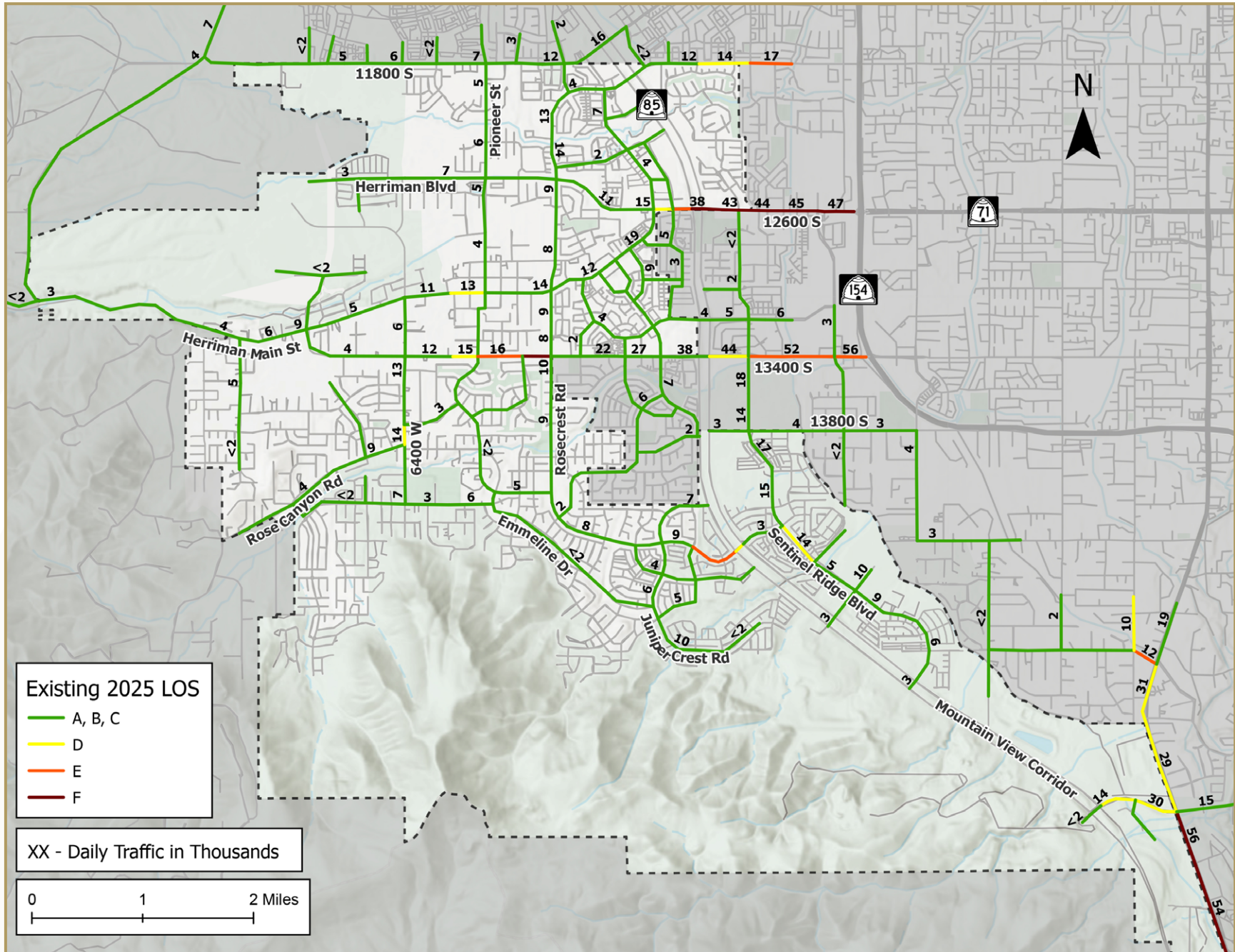
### b. Anticipated Project Development

For this analysis, WFRC land-use forecasts were refined based on input from City planning and data analysis staff, and through review of available Master Development Agreements for large planned projects, including the Olympia, Rosecrest, South Hills, and Panorama.

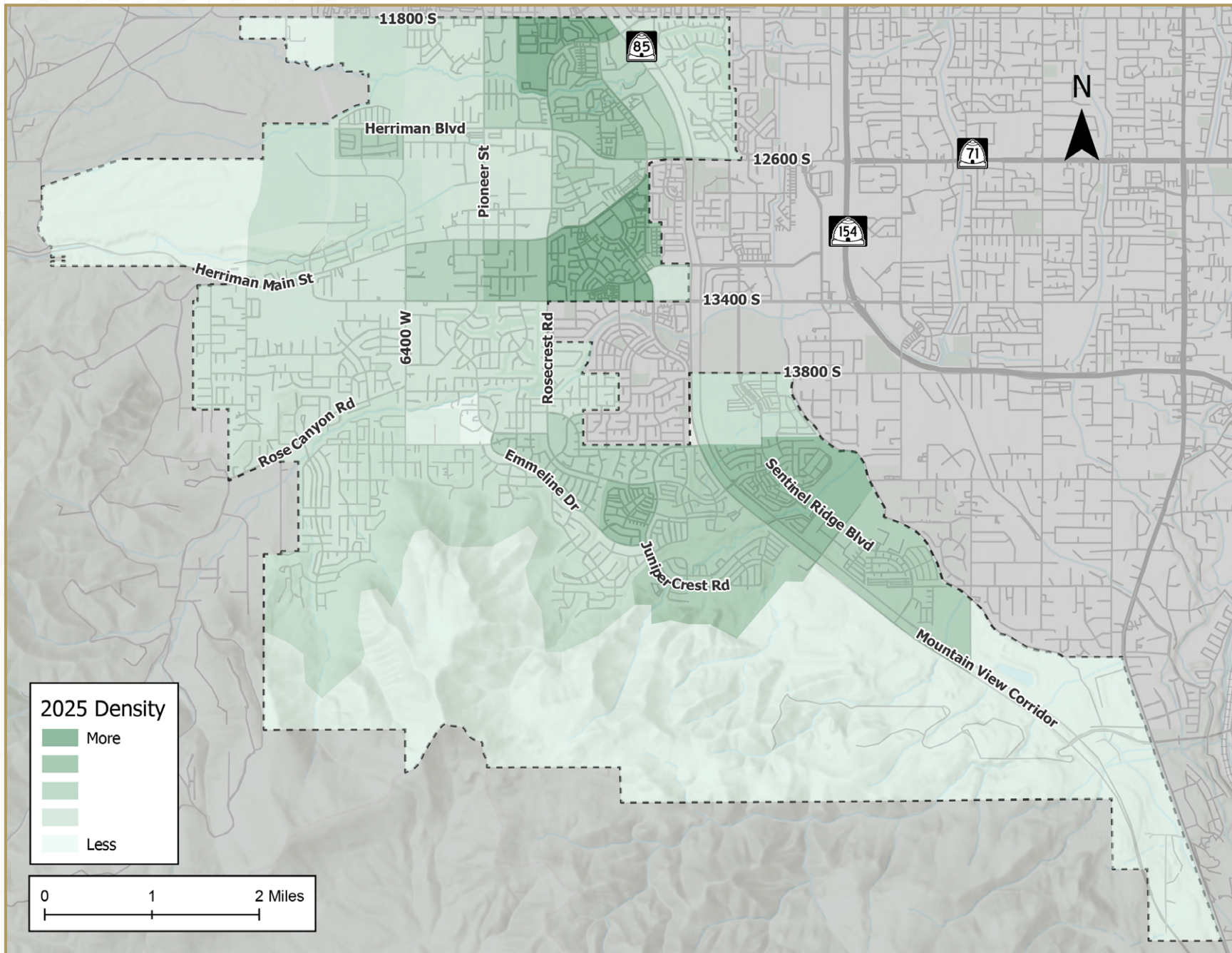
### c. 2035 Socioeconomic Data

The population in Herriman is projected to be approximately 95,100 by 2035; approximately 11,500 new households are expected to accommodate this population growth.

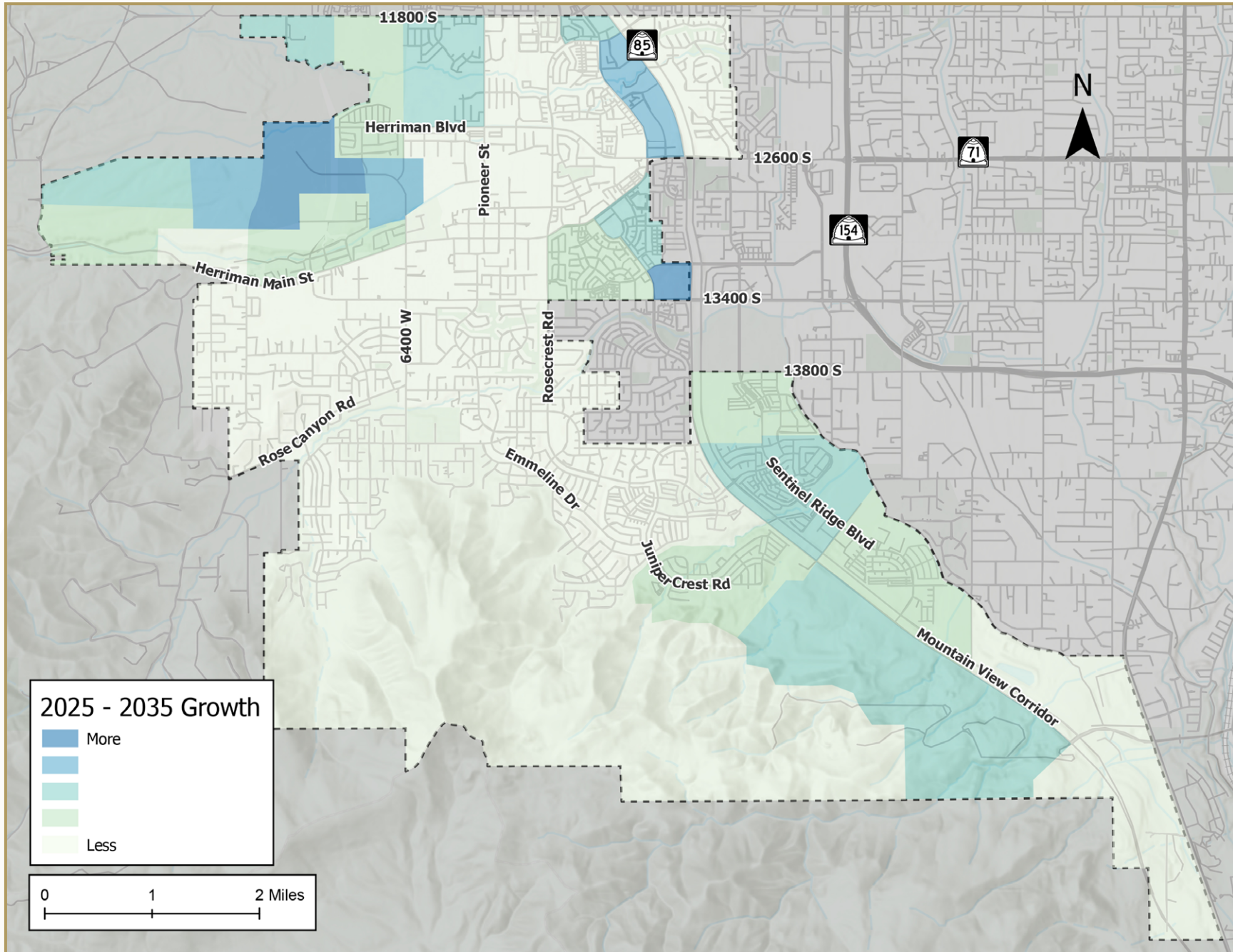
**Figure 16** and **Figure 17** present the change in combined household and employment densities from 2025 to 2035 and the final 2035 scenario densities, respectively. As can be seen below, significant 10-year growth is projected in northwestern Herriman centered around the Olympia development and southern Herriman centered on the Rosecrest, South Hills, and Panorama developments. Concentrations of growth are also present in the Herriman Towne Center area and along Mountain View Corridor, driven by anticipated commercial growth in these areas.



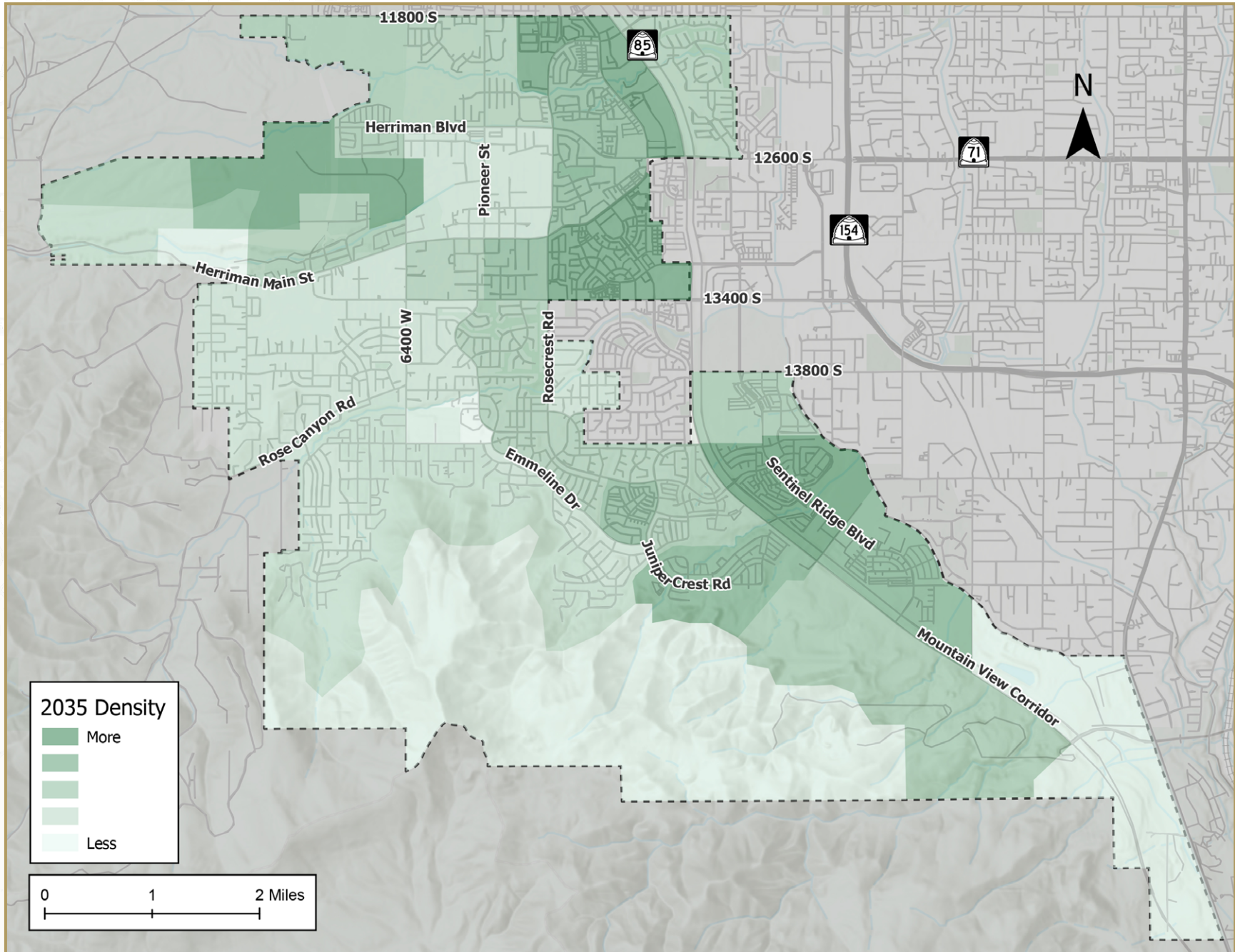
**FIGURE 14: Existing (2025) Roadway LOS and ADT**



**FIGURE 15: 2025 Combined Household and Employment Density**



**FIGURE 16: 2025 to 2035 Combined Household and Employment Density Growth**



**FIGURE 17: 2035 Combined Household and Employment Density**

## d. 2035 No-Build Scenario

The no-build scenario provides an analysis of traffic conditions without project roadway improvements. **Figure 18** presents the 2035 no-build LOS results obtained by applying LOS thresholds from **Table 4** to the projected 2035 no-build traffic volumes from the travel demand modeling.

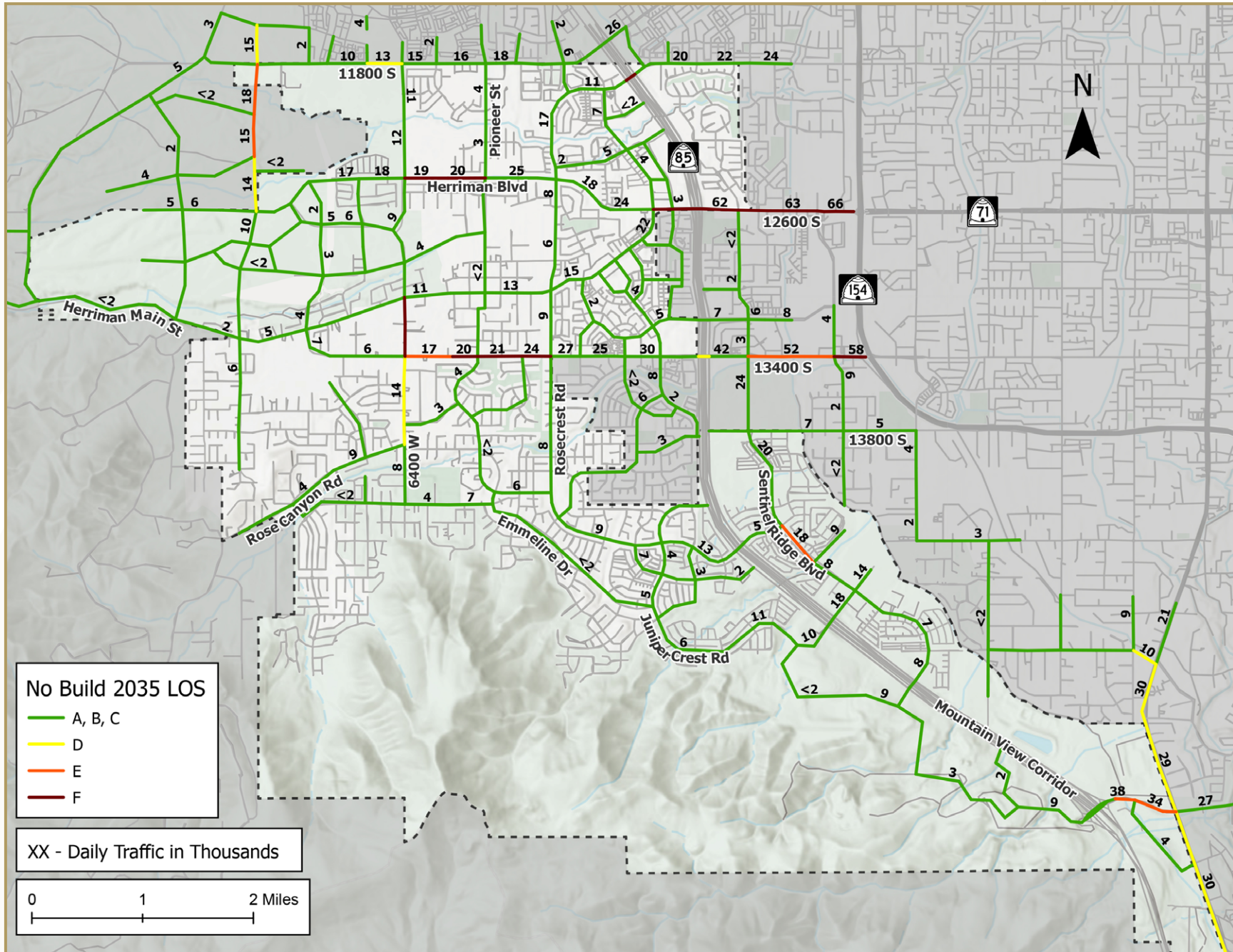
As shown, the following roadway segments are expected to operate at unacceptable levels of service (LOS E or worse):

- **11800 South**; between northbound and southbound Mountain View Corridor
- **12600 South**; Herriman Main Street to Bangerter Highway
- **12600 South**; 6400 West to 6000 West
- **Rose Canyon Road**; Herriman Main Street to 13400 South
- **13400 South**; Rose Canyon Road to Rosecrest Road
- **Sentinel Ridge Boulevard**; Rosecrest Road to Bruin View Drive

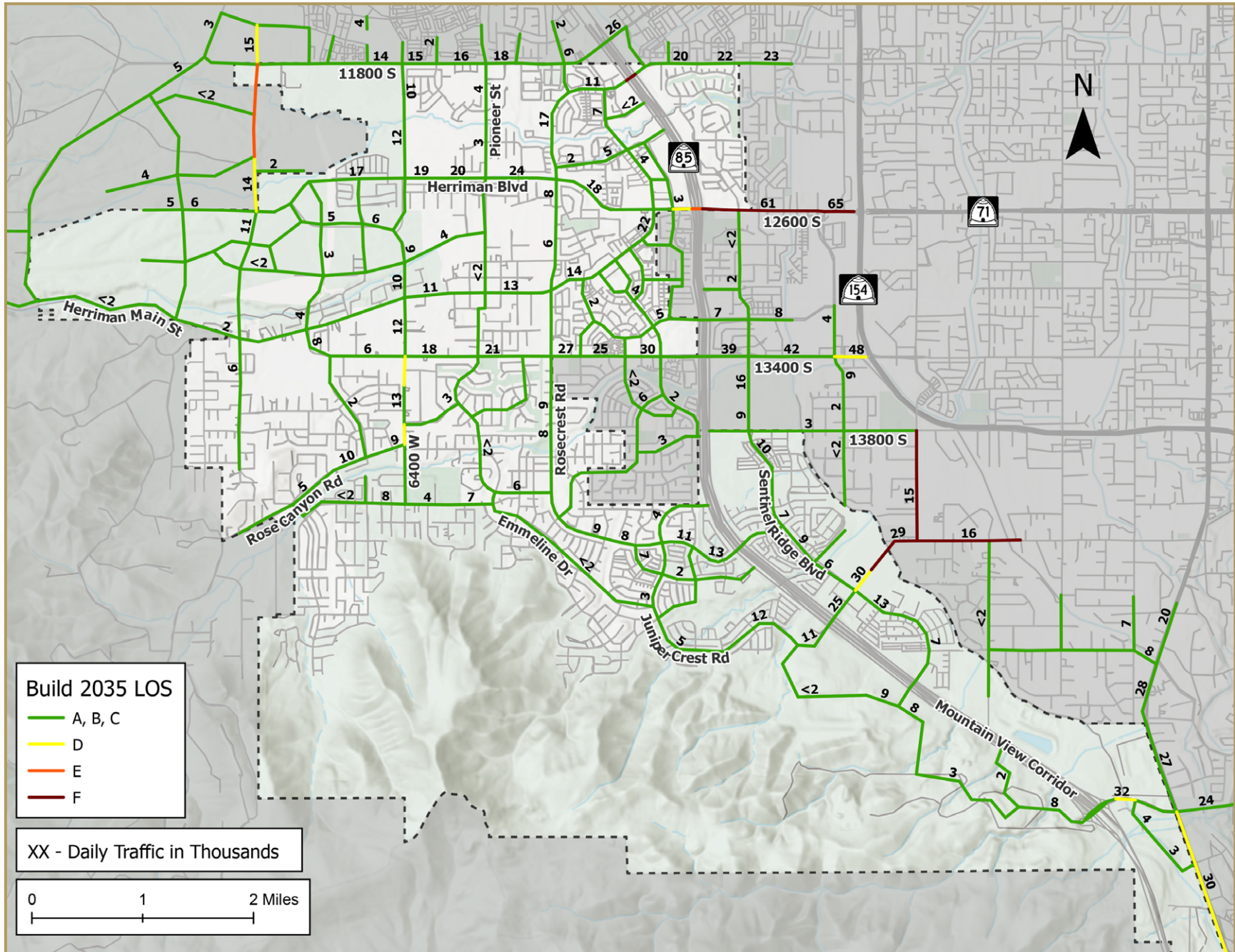
## e. 2035 Build Scenario

The 2035 build scenario provides an analysis of traffic conditions after implementation of roadway projects identified to improve areas of unacceptable LOS from the 2035 no-build scenario. Projects shown in Phase #1 (2025 - 2034) of **Table 5** and **Figure 24** of the Roadway Projects section are recommended to increase roadway capacity and accommodate projected 2035 traffic volumes. The 2035 build scenario LOS is shown below in **Figure 19**. As shown in the 2035 build scenario, Phase #1 (2025 - 2034) projects for 2035 address the majority of LOS E and LOS F conditions identified in the no-build analysis. However, LOS E and F conditions remain on 12600 South east of MVC, as well as on Real Vista Drive heading into Bluffdale.





**FIGURE 18: 2035 Roadway LOS and ADT - No Build**



**FIGURE 19: 2035 Roadway LOS and ADT - Build**

## G. Future (2050) Conditions

This section discusses the future (2050) roadway conditions in Herriman City, including an LOS analysis in which future congestion is identified in a no-build scenario model run, improvements are recommended, and a build scenario LOS is then analyzed to observe the impact of the proposed projects. Future roadway projects and network updates to the travel demand model are discussed in detail below.

### a. 2050 Roadway Network

The City roadway network was updated for the 2050 analysis to include new roadways and grid connections that have been planned to occur during the planning window. Both the no-build and build analyses include new UDOT roadways outside of Herriman jurisdiction, including the continuation of the West Davis Corridor and improvements to I-15. The build scenario adds roadway improvement projects identified to address future congestion and new roadway connections in Herriman.

### b. 2050 Socioeconomic Data

The population in Herriman is projected to be approximately 116,700 by 2050; approximately 21,000 new households are expected to accommodate this population growth.

Future land-use growth in the 2050 travel model scenario was informed by the 2050 WFRC version nine land-use forecasts and, as discussed above, was refined to reflect permitted and planned projects and refinements identified during review of Master Development Agreements and discussions with City planning staff. These forecasts reflect local planning expertise and were reviewed with City staff and adjusted to reflect their best understanding of future growth patterns.

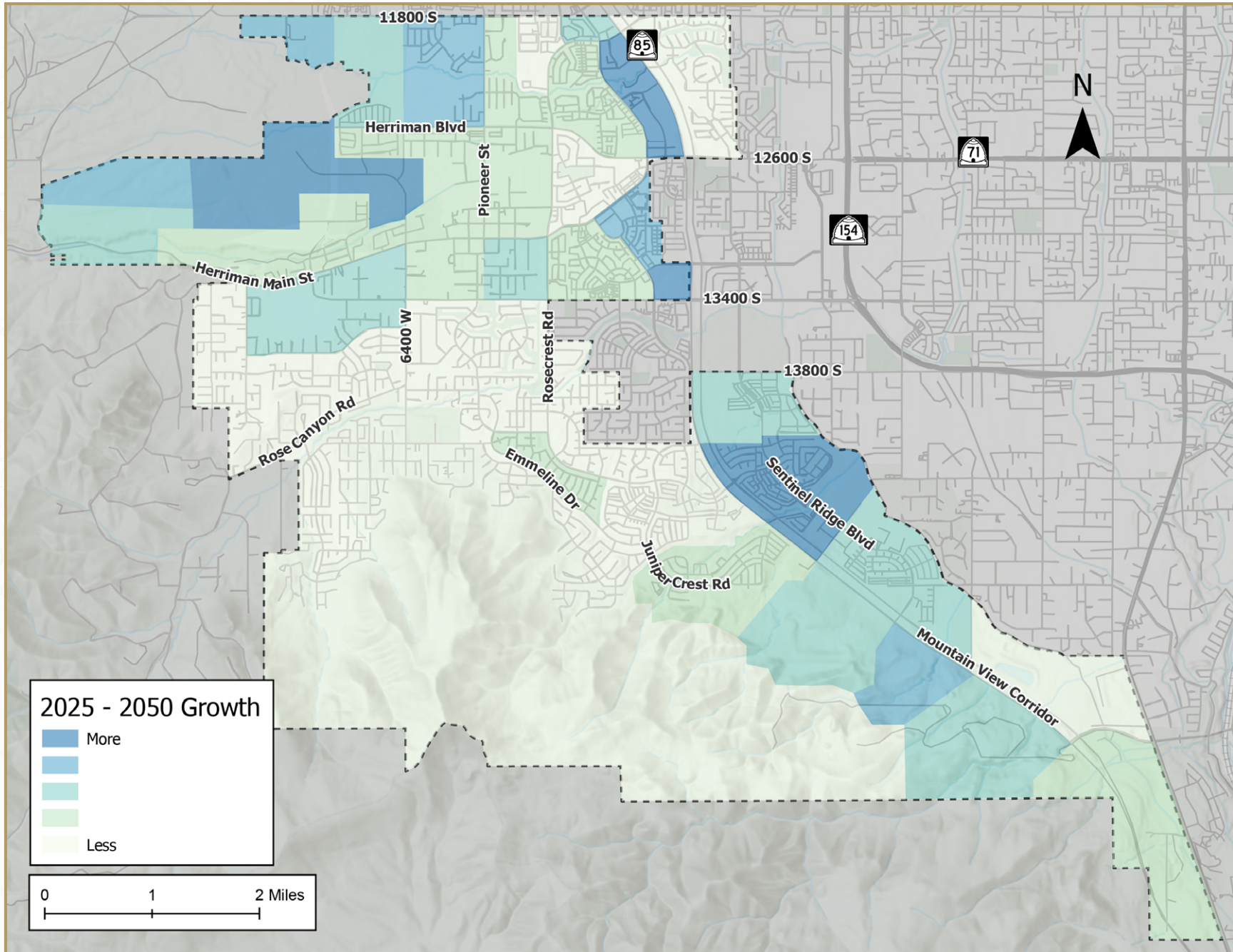
**Figure 20** and **Figure 21** present the change in combined household and employment densities from 2025 to 2050 and the final 2050 scenario densities, respectively. As can be seen below, projected growth is largely concentrated in similar areas as in 2035, but with continued expansion.

### c. 2050 No-Build Scenario

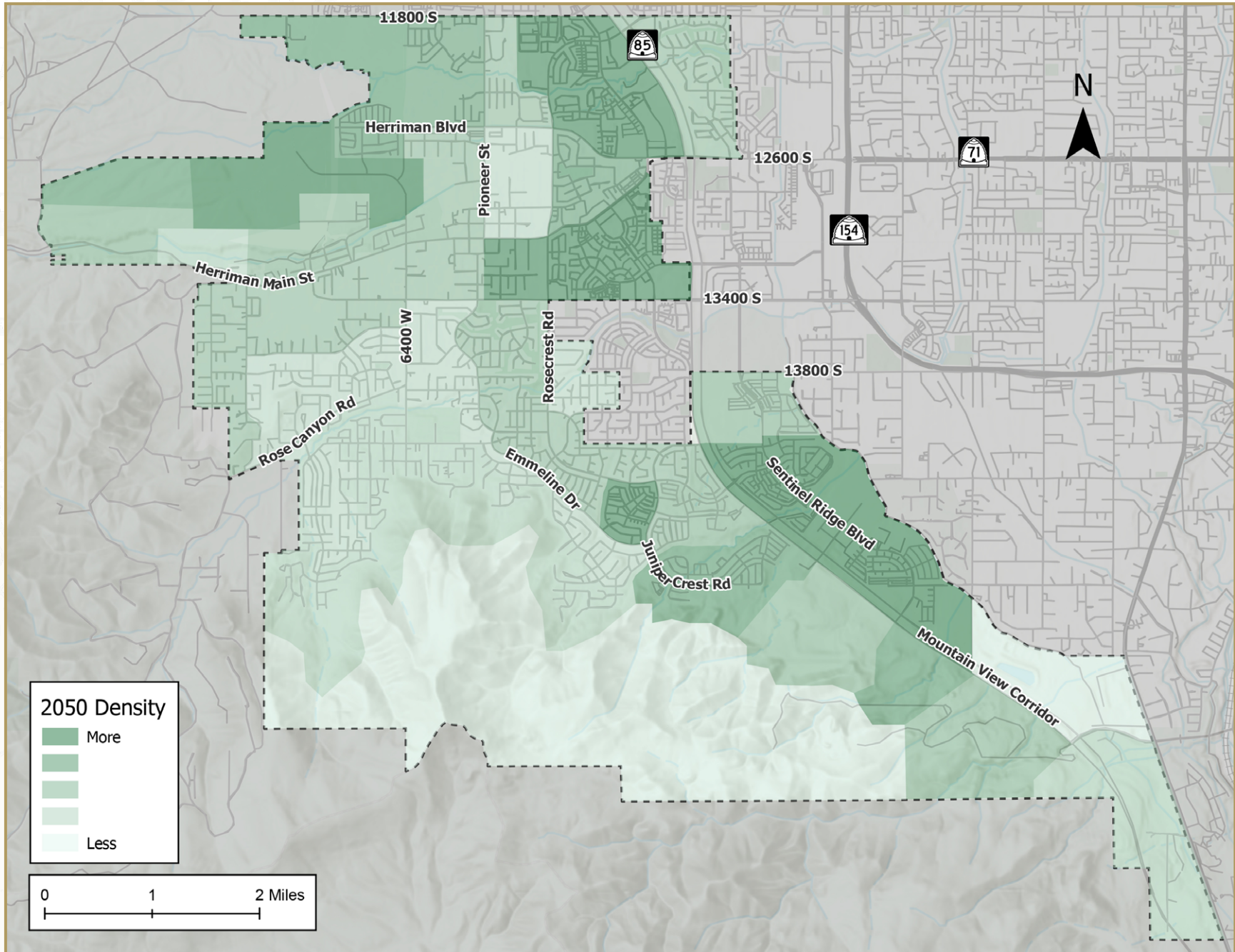
The no-build scenario provides an analysis of traffic conditions without project roadway improvements. **Figure 22** presents the 2050 no-build LOS results obtained by applying LOS thresholds from **Table 4** to the projected 2050 no-build traffic volumes from the travel demand modeling.

As shown below, the following roadway segments are expected to operate at unacceptable levels of service (LOS E or worse):

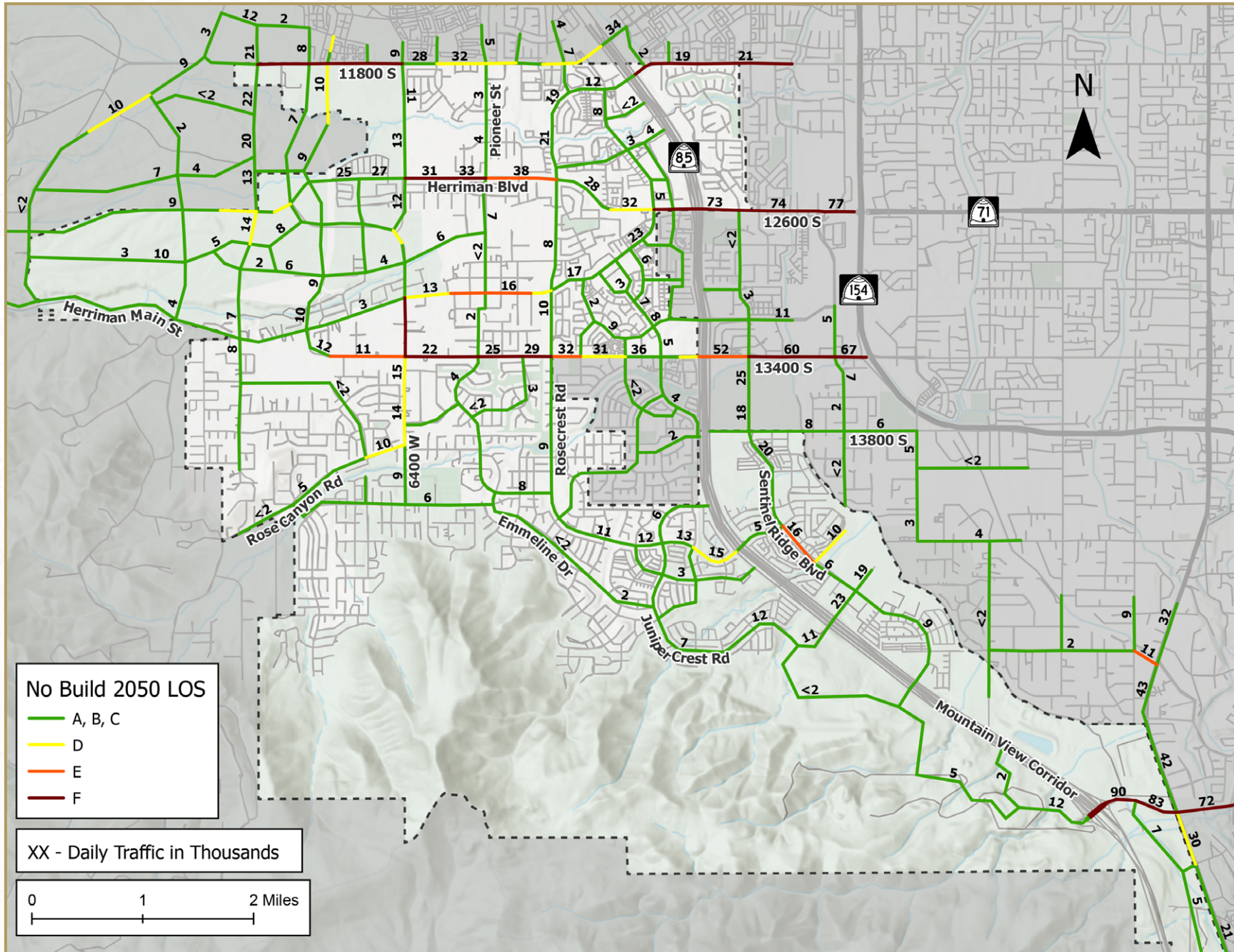
- **11800 South**; west of Bingham Rim Road to Prosperity Road
- **11800 South**; MVC to Bangerter Highway
- **12600 South**; Herriman Main Street to Bangerter Highway
- **12600 South**; 6400 West to Anthem Park Boulevard
- **Herriman Main Street**; 6200 West to 5700 West
- **Rose Canyon Road**; Herriman Main Street to 13400 South
- **13400 South**; Split Oak Drive to Moonfield Drive
- **Sentinel Ridge Boulevard**; Rosecrest Road to Bruin View Drive



**FIGURE 20: 2025 to 2050 Combined Household and Employment Density Growth**



**FIGURE 21: 2050 Combined Household and Employment Density**



**FIGURE 22: Future (2050) LOS and ADT - No Build**

## d. 2050 Build Scenario

The 2050 build scenario provides an analysis of traffic conditions after implementation of roadway projects identified to improve areas of unacceptable LOS from the 2050 no-build scenario. Projects shown in Phase #2 (2035 - 2043) and Phase #3 (2043-2050) of **Table 5** and **Figure 24** of the Roadway Projects section are recommended to increase roadway capacity and accommodate projected 2050 traffic volumes. The 2050 build scenario LOS is shown below in **Figure 23**.

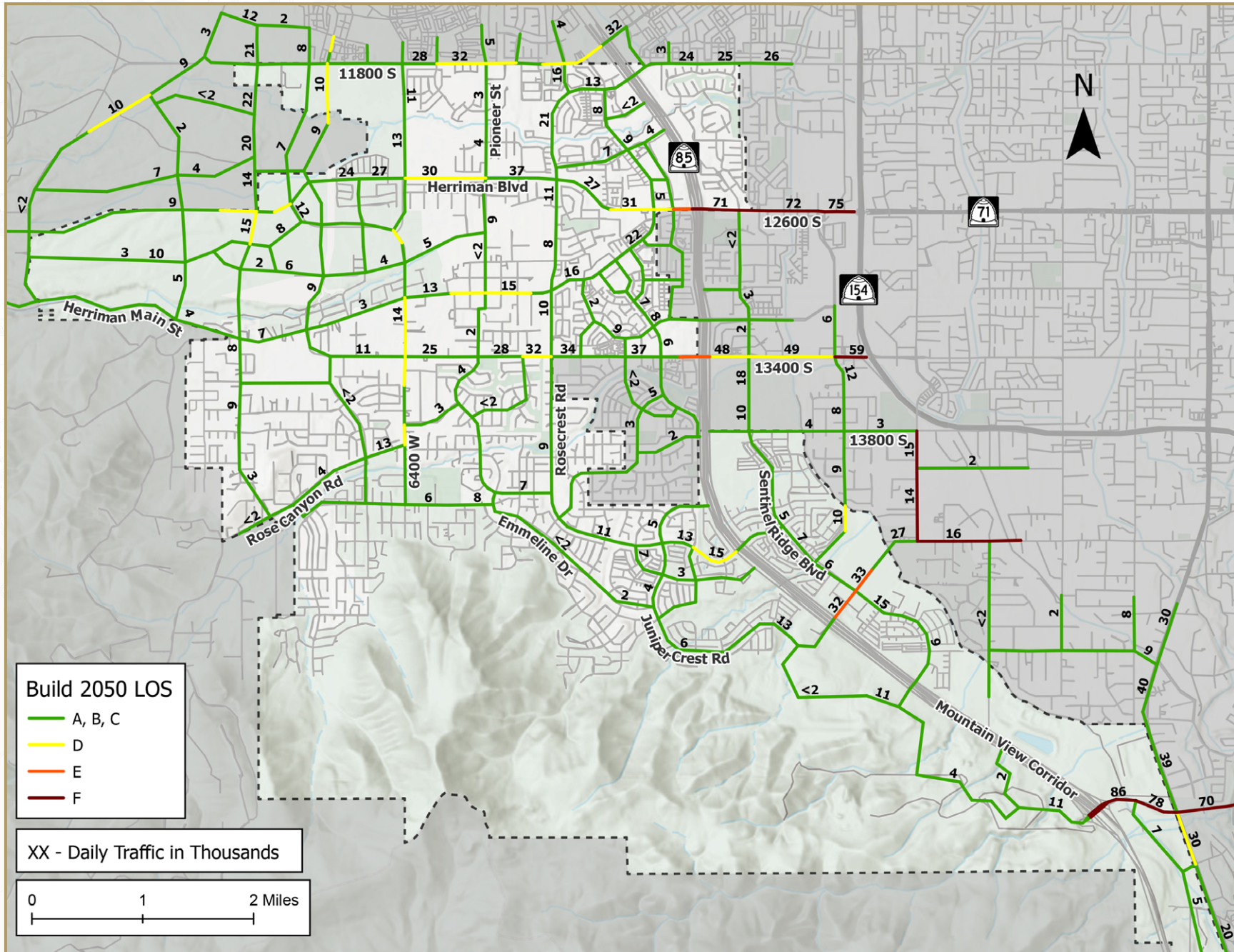
As shown in the 2050 build scenario, all roadways are expected to operate at an acceptable LOS D or higher with the exception of the following roadways:

- **12600 South**; Herriman Auto Row to Bangerter Highway
- **Real Vista Drive**; Sentinel Ridge Boulevard to Bluffdale
- **13400 South**; just west of MVC

## H. Roadway Projects

**Figure 24** below summarizes the planned roadway projects discussed previously in the 2035 and 2050 travel demand modeling analysis, and are necessary to increase roadway capacity and accommodate future development. Project numbers listed in **Table 5** are for identification only and are no indication of project prioritization. WFRC projects listed in the Regional Transportation Plan 2025-2050 guided the initial selection of projects added to the build scenario analysis. Projects are categorized as either being “new roadway” or “widening” projects and indicate the proposed number of lanes, which correspond with typical cross sections referenced above. Cost estimates are included in **Appendix B**.





**FIGURE 23: Future (2050) LOS and ADT - Build**

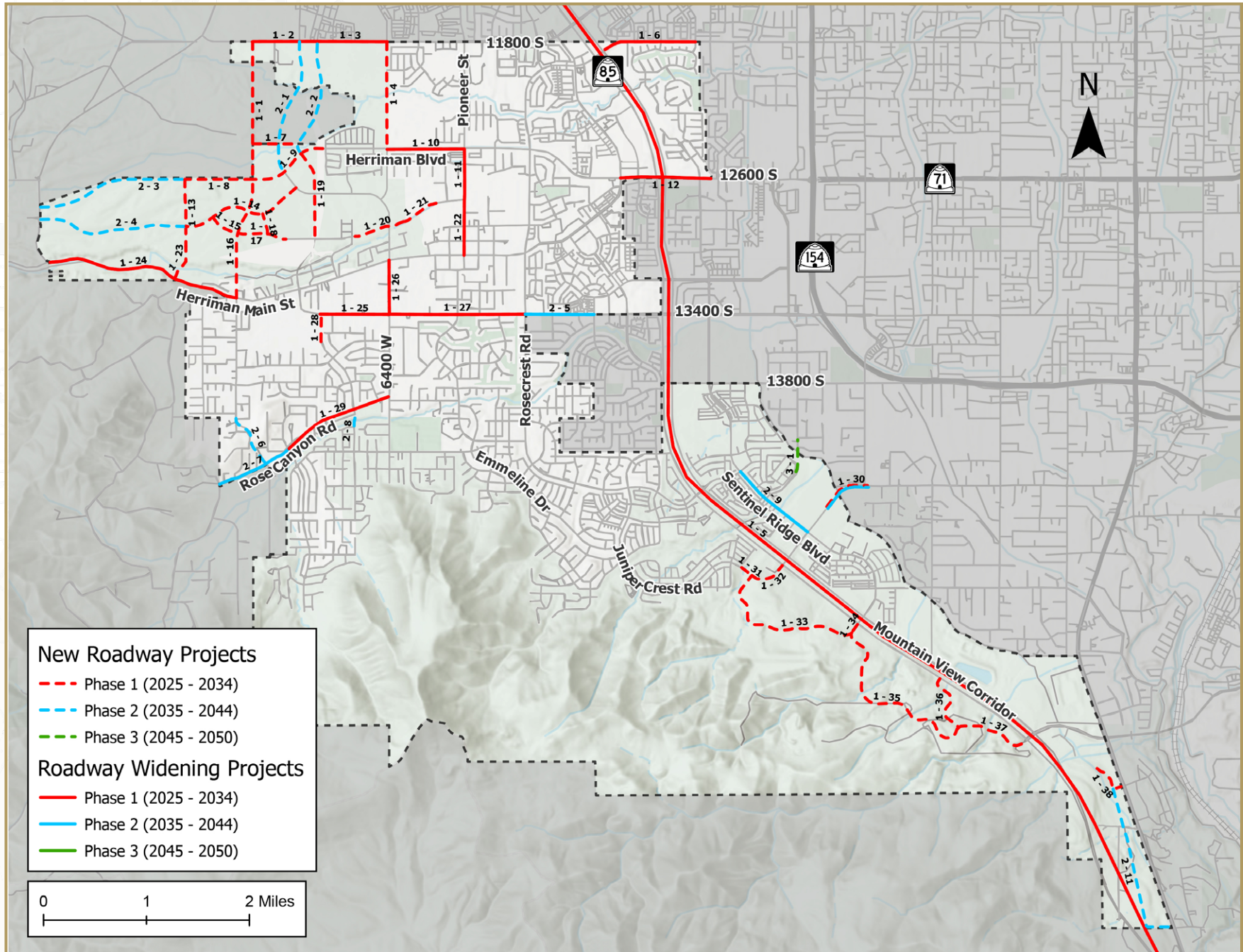


FIGURE 24: Roadway Projects

**TABLE 5: FUTURE ROADWAY PROJECTS**

Project Number	Description	Boundaries	Responsibility	Improvement Scope	# of Lanes		Estimated Cost
					Current	Proposed	
<b>PHASE 1 PROJECTS (2025 - 2034)</b>							
1-1	SR-111	11800 South to Herriman Boulevard	UDOT	New Roadway	-	5	\$54,600,000**
1-2	11800 South*	SR-111 to Outfitter Way	Herriman/South Jordan	Widening	2	5	\$2,088,556
1-3	11800 South*	Outfitter Way to Prosperity Road	Herriman	Widening	3	5	\$2,823,646
1-4	6400 West*	11800 South to Herriman Boulevard	Herriman	New Roadway	-	3	\$14,660,495
1-5	MVC	Old Bingham Highway to Porter Rockwell Boulevard	UDOT	Widening	4	Freeway	\$490,000,000**
1-6	11800 South*	Mountain View Corridor to Oakmond Road	Herriman/South Jordan	Widening	3	5	\$4,600,678
1-7	New Roadway	SR-111 to Dansie Oaks Boulevard	Developer	New Roadway	-	2	\$3,853,064
1-8	Herriman Boulevard	7600 West to SR-111	Herriman	New Roadway	-	3	\$6,360,499
1-9	Herriman Boulevard	SR-111 to Clipper Peak Drive	UDOT	New Roadway	-	5	\$14,399,361
1-10	Herriman Boulevard*	6400 West to 6000 West	WFRC/Herriman	Widening	2	5	\$4,827,515
1-11	6000 West*	Herriman Boulevard to Silver Sky Drive	WFRC/Herriman	Widening	2	3	\$6,585,905
1-12	12600 South	Herriman Main Street to Riverton	UDOT	Widening	4	7	\$2,469,288
1-13	7600 West	Herriman Boulevard to Olympia Boulevard	Developer	New Roadway	-	2	\$6,119,902
1-14	Olympia Boulevard	7600 West to existing Olympia Boulevard	Herriman	New Roadway	-	3	\$12,885,077
1-15	Silver Sky Drive	Olympia Boulevard to 7300 West	Developer	New Roadway	-	2	\$18,144,035
1-16	7300 West	Herriman Boulevard to Herriman Main Street	Herriman	New Roadway	-	3	\$15,466,014
1-17	Silver Sky Drive	7300 West to existing Silver Sky Drive	Developer	New Roadway	-	2	\$4,258,416
1-18	New Roadway	Olympia Boulevard to Silver Sky Drive	Developer	New Roadway	-	2	\$1,863,029
1-19	Dansie Oaks Boulevard	Herriman Boulevard to Silver Sky Drive	Developer	New Roadway	-	2	\$7,373,225
1-20	Silver Sky Drive	Twisted Oaks Drive to 6400 West	Developer	New Roadway	-	3	\$4,602,521
1-21	Silver Sky Drive*	6400 West to Starlite Hill Lane	Herriman	New Roadway	-	3	\$3,457,037
1-22	6000 West*	Silver Sky Drive to Herriman Main Street	WFRC/Herriman	Widening	2	3	\$4,218,001
1-23	7600 West	Silver Sky Drive to Herriman Main Street	Developer	New Roadway	-	2	\$3,316,846
1-24	Herriman Main Street*	Herriman border to 7300 West	WFRC/Herriman	Widening	2	3	\$12,799,590
1-25	13400 South*	Split Oak Drive* to Rose Canyon Road	WFRC/Herriman	Widening	2	3	\$4,277,111
1-26	Rose Canyon Road*	Herriman Main Street to 13400 South	Herriman	Widening	2	3	\$3,734,299
1-27	13400 South*	Rose Canyon Road to Rosecrest Road	WFRC/Herriman	Widening	3	5	\$11,203,831
1-28	Blayde Drive*	13400 South to existing Blayde Drive	Developer	New Roadway	-	2	\$2,526,561
1-29	Rose Canyon Road*	Maria Way to 6400 West	Herriman	Widening	2	3	\$1,698,080
1-30	Real Vista Drive*	SLCC access to 14400 South (Bluffdale)	Herriman	New Roadway	-	3	\$2,807,410
1-31	Juniper Crest Road	Existing Juniper Crest Road to Panorama View Drive	Herriman	New Roadway	-	3	\$1,371,124
1-32	Juniper Crest Road	Panorama View Drive to Mountain View Corridor	Herriman	New Roadway	-	5	\$6,471,809
1-33	Panorama View Drive	Juniper Crest Road to Academy Parkway	Herriman	New Roadway	-	3	\$16,392,616
1-34	Academy Parkway	Panorama View Drive to Mountain View Corridor	Herriman	New Roadway	-	5	\$1,907,280
1-35	Soleil Hills Drive	Academy Parkway to Soleil Vista Drive	Herriman	New Roadway	-	3	\$19,355,373
1-36	Soleil Vista Drive	Mountain View Corridor to Soleil Hills Drive	Herriman	New Roadway	-	3	\$6,790,856
1-37	Soleil Hills Drive	Soleil Vista Drive to Porter Rockwell Boulevard	Herriman	New Roadway	-	3	\$8,096,822
1-38	McDougall Road*	Existing McDougall Road to Mortimer Way	Herriman	New Roadway	-	2	\$3,696,286

**TABLE 5: FUTURE ROADWAY PROJECTS** (continued)

Project Number	Description		Responsibility	Improvement Scope	# of Lanes		Estimated Cost
					Current	Proposed	
<b>PHASE 2 PROJECTS (2035 - 2050)</b>							
1	New Roadway	11800 South to Herriman Boulevard	Herriman/South Jordan	New Roadway	-	2	\$24,210,332
2	6800 West	11800 South to Herriman Boulevard	Herriman/South Jordan	New Roadway	-	2	\$9,929,705
3	New Roadway	Herriman border to 7600 West	Herriman	New Roadway	-	3	\$10,377,798
4	Silver Sky Drive	Herriman border to 7600 West	WFRC/Herriman	New Roadway	-	2	\$13,305,113
5	13400 South	Rosecrest Road to 5200 West	WFRC/Herriman/Riverton	Widening	5	7	\$5,455,591
6	7300 West	Mountain Mare Lane to Rose Canyon Road	Herriman	New Roadway	-	3	\$5,886,055
7	Rose Canyon Road	Herriman border to Spring Canyon Drive	WFRC/Herriman	Widening	2	3	\$4,174,952
8	Blayde Drive	Desert Lily Circle to Desert Wash Way	Herriman	New Roadway	-	2	\$1,059,689
9	Sentinel Ridge Boulevard	Rosecrest Road to Real Vista Way	Herriman	Widening	3	5	\$7,349,439
10	Real Vista Drive	SLCC access to 14400 South (Bluffdale)	Herriman	Widening	3	5	\$6,066,428
11	McDougall Road	Mortimer Way to Jordan Narrows Road	Herriman	New Roadway	-	2	\$15,101,265
<b>PHASE 3 PROJECTS (2045 - 2050)</b>							
3-1	Bruin View Drive	Bella Bluff Drive to 4000 West (Bluffdale)	Herriman	New Roadway	-	2	\$1,533,893

\*Impact Fee Eligible Project

\*\*Cost estimates are from WFRC or UDOT for entire project (including segments outside of Herriman) and not included in the appendix

## I. Intersection Projects

It is recommended that the City begin planning for the proposed intersection improvements shown below in **Table 6**. Project numbers listed in the table are for identification only and are no indication of project prioritization. **Figure 25** depicts the locations of the proposed intersection improvements.

Signal warrant analyses are to be performed prior to the installation of a traffic signal. The intersection improvement projects provided in the TMP are high-level in nature, and thus additional analysis should be performed before initiating any widening projects. Cost estimates are included in **Appendix B**.

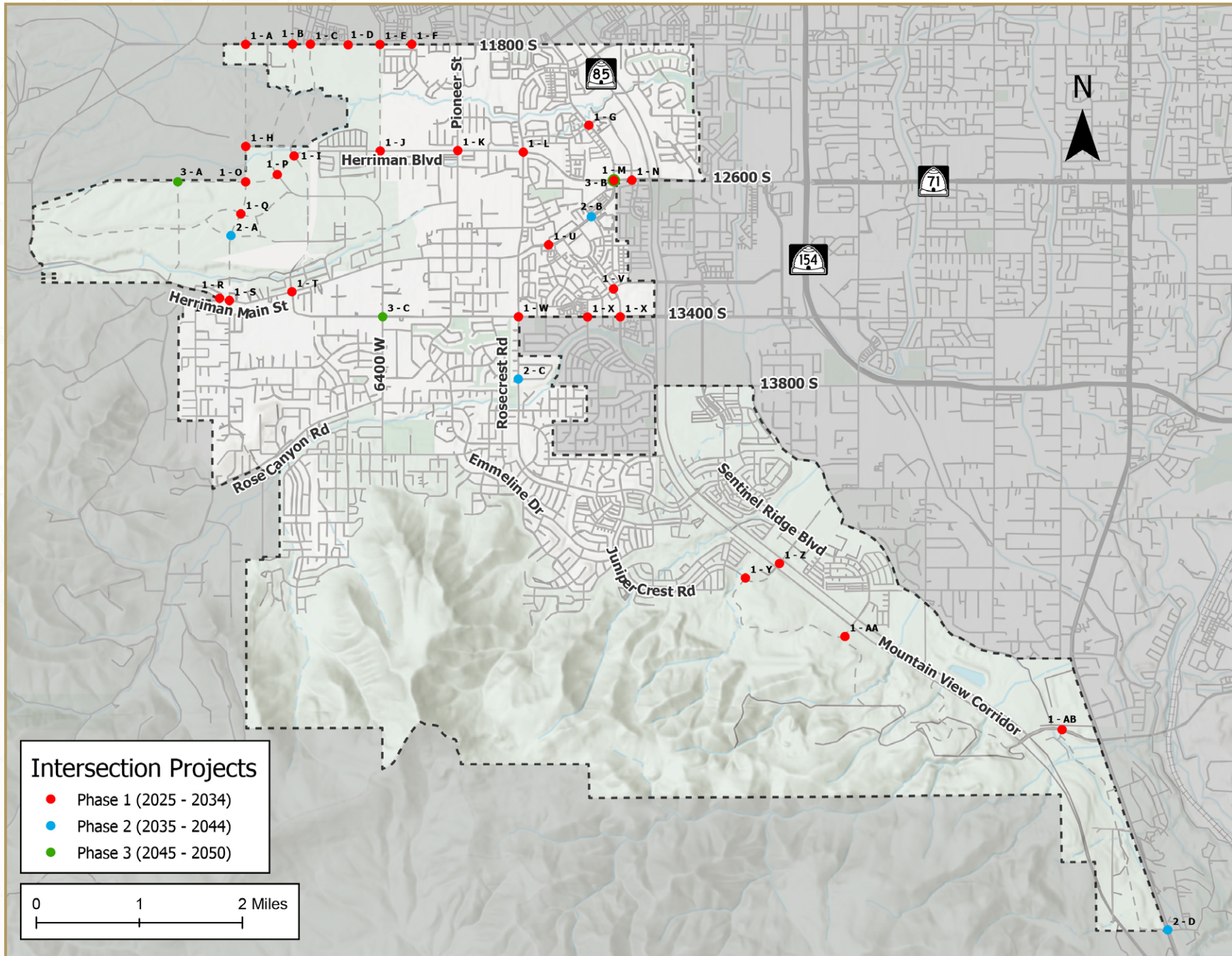


**TABLE 6: FUTURE INTERSECTION PROJECTS**

Project Number	Description	Location	Responsibility	Improvement Scope	Estimated Cost
<b>PHASE 1 PROJECTS (2025 - 2034)</b>					
1-A	Signal	SR-111 / 11800 South	UDOT	Dual lefts (EB/WB), right turn pockets (SB/NB)	\$567,602
1-B	Signal*	Bingham Rim Road / 11800 South	Herriman / South Jordan	Left and right turn pockets	\$567,602
1-C	Signal*	Silver Pond Drive / 11800 South	Herriman / South Jordan	Left and right turn pockets	\$567,602
1-D	Signal*	Flying Fish Drive / 11800 South	Herriman / South Jordan	Signal only	\$567,602
1-E	Signal*	Prosperity Road / 11800 South	Herriman / South Jordan	Left and right turn pockets	\$569,677
1-F	Signal*	Willow Walk Drive / 11800 South	Herriman / South Jordan	Signal only	\$567,602
1-G	Signal*	Miller Crossing Drive / 12560 South	Herriman	Signal only	\$541,095
1-H	Signal*	SR-111 / New Roadway	UDOT / Herriman / South Jordan	Signal only	\$567,602
1-I	Signal	Dansie Boulevard / Herriman Boulevard	Herriman	Left and right turn pockets	\$525,074
1-J	Signal*	6400 West / Herriman Boulevard	Herriman	Left and right turn pockets	\$554,464
1-K	Intersection Improvements	Mustang Trail Way / Herriman Boulevard	Herriman	EB/WB Dual LT	\$1,405,860
1-L	Widening	Anthem Park Boulevard / Herriman Boulevard	Herriman	EB/WB dual left, EB/WB right-turn lanes	\$1,640,804
1-M	Widening	Herriman Boulevard / Herriman Main Street	Herriman	Free NBR and WBL dual lefts	\$1,187,998
1-N	Intersection Improvements*	Auto Road / 12600 South	Herriman	Three quarter intersection (limited lefts from minor roads)	\$71,073
1-O	Signal	SR-111 / Herriman Boulevard	UDOT	Left turn lane (all), right turn lane (EB/WB)	\$589,254
1-P	Signal	Herriman Boulevard / Olympia Boulevard	UDOT	New	\$577,532
1-Q	Roundabout (Olympia)	7300 West / Olympia Boulevard	Developer	New	\$1,445,000
1-R	High-T*	Hi Country Road / Herriman Main Street	Herriman	High-T Intersection	\$1,730,471
1-S	Signal*	7300 West / Herriman Main Street	Herriman	Left and right turn pockets	\$416,869
1-T	Signal*	13400 South / Herriman Main Street	Herriman	Left turn pockets (all), right turn pockets (EB)	\$497,385
1-U	Intersection Improvements*	Herriman Rose Boulevard / Herriman Main Street	Herriman	Access Management Improvements	\$336,346
1-V	Signal*	Herriman Rose Boulevard / Fort Herriman Parkway	Herriman	Signal only	\$547,347
1-W	Widening*	Rosecrest Road / 13400 South	Herriman	SB/WB dual lefts	\$1,756,479
1-X	Widening*	5200 West / 13400 South & Fort Herriman Parkway / 13400 South	WFRC / Herriman / Riverton	Right turn pockets	\$1,793,980
1-Y	Signal or Roundabout*	Juniper Crest Road / Soleil Hills Drive	Herriman	Left and right turn pockets or hybrid roundabout	\$529,670
1-Z	Signal*	Real Vista Drive / Mountain View Corridor	UDOT	Left and right turn pockets	\$3,469,050
1-AA	Signal or Roundabout*	Academy Parkway / Soleil Hills Drive	Herriman	Left and right turn pockets or hybrid roundabout	\$529,670
1-AB	Signal	Porter Rockwell Boulevard / Rockwell Park Lane	UDOT	Left and right turn pockets	\$568,656
<b>PHASE 2 PROJECTS (2035 - 2044)**</b>					
2-A	Signal or Roundabout (Olympia)	7300 West / Silver Sky Drive	Developer	Left and right turn pockets or hybrid roundabout	\$1,000,000
2-B	Signal	Brundisi Way / Herriman Main Street	Herriman	Signal only	\$500,000
2-C	Signal or Roundabout	Rosecrest Road / Rocky Point Drive	Herriman	Signal or single lane roundabout	\$1,500,000
2-D	Signal	Jordan Narrows Road / Redwood Road	UDOT	Left and right turn pockets	\$500,000
<b>PHASE 3 PROJECTS (2045 - 2050)**</b>					
3-A	Signal or Roundabout	7600 West / Herriman Boulevard	Herriman / South Jordan	Left and right turn pockets or two-lane roundabout	\$2,000,000
3-B	Widening	Herriman Boulevard / Main Street	Herriman / UDOT	Innovative Intersection	\$1,800,000
3-C	Widening	Rose Canyon Road / 13400 South	Herriman	Left and right turn pockets and WB dual left	\$2,000,000

\*Impact Fee Eligible Project

\*\*Phase 2 and 3 intersection project cost estimates are higher level estimates and thus do not include detailed cost estimates in the appendix



**FIGURE 25: Intersection Projects**

# III. TRANSIT AND ACTIVE TRANSPORTATION

## A. Overview

Alternative transportation modes, such as transit and active transportation, are an important part of the overall transportation system. Public transit typically includes buses, light rail, and shuttle routes. Active transportation includes any form of non-motorized transportation such as walking or biking. Both transit and active transportation are essential parts of an active and vibrant community.

## B. Public Transit

### Existing Transit Service

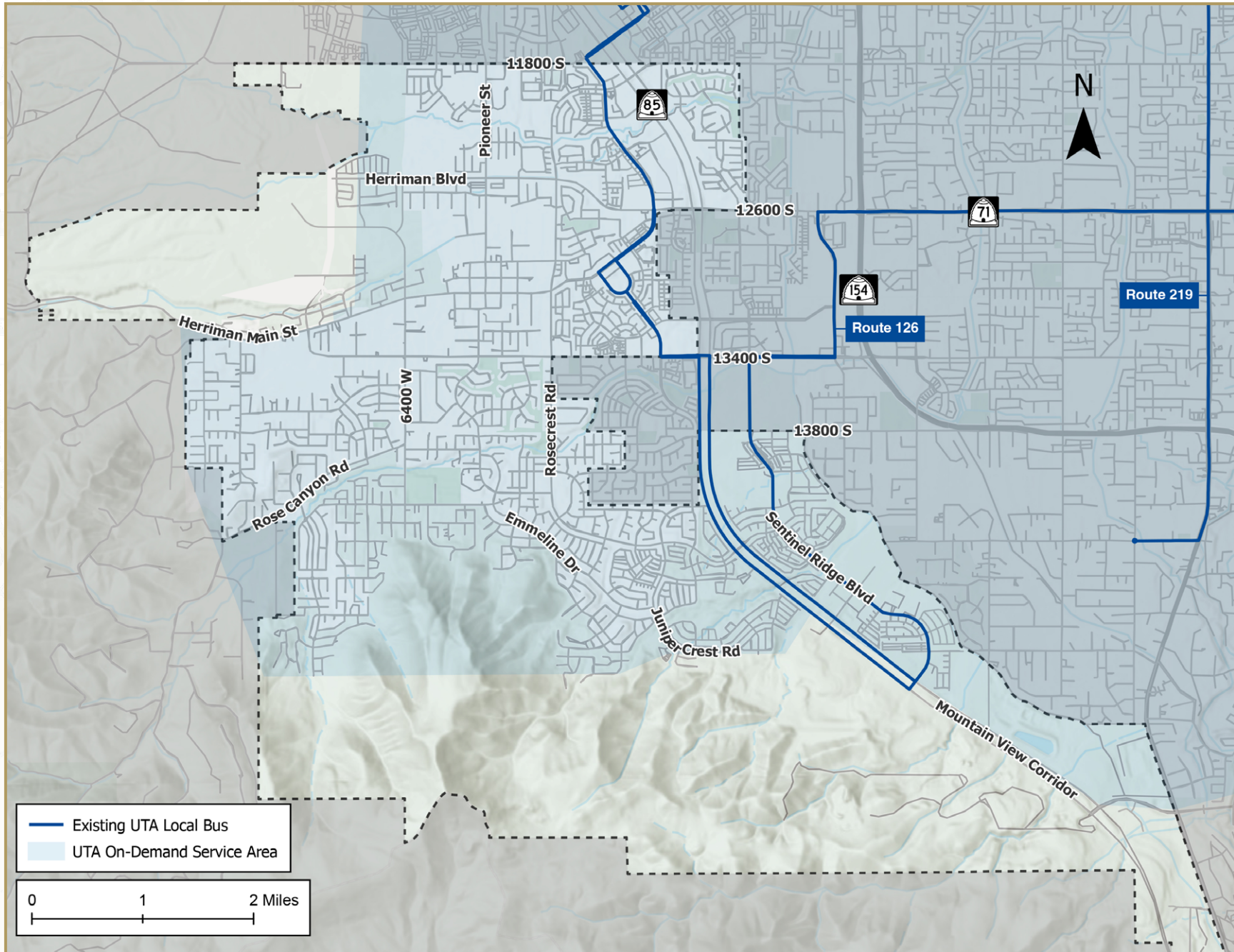
Public transportation in Herriman City is served by the Utah Transit Authority (UTA). Currently, UTA bus route 126 services the City. Route 126 runs from the Daybreak Parkway Station down to the Draper FrontRunner Station, running along Herriman Main Street and Mountain View Corridor. In addition to this bus route, UTA On-Demand zone 501 also services Herriman City. UTA On-Demand is a ride sharing service that riders can request within designated service zones. Trips are requested via an app, and passengers traveling in the same direction are grouped together in one vehicle. UTA's interactive transit map can be viewed [here](#). **Figure 26** shows the existing Herriman transit service.



### Future Transit Service

The future of high capacity transit (TRAX & BRT) in Herriman will be heavily influenced by the [Fresh Look Study](#), which is anticipated to be completed sometime in 2026. A December 2025 Draft of the Transit Fresh Look Vision is shown in **Figure 27**. This section will focus primarily on changes to local bus routes within Herriman. If there are any conflicts between this section and the completed Fresh Look Study, the Fresh Look study should take precedence. Herriman City is actively involved in working with UTA, UDOT, and WFRC to support transit as a viable and efficient transportation mode in the City. Coordinate planning efforts will help procure funds to support the development and maintenance of a sustainable transit system.

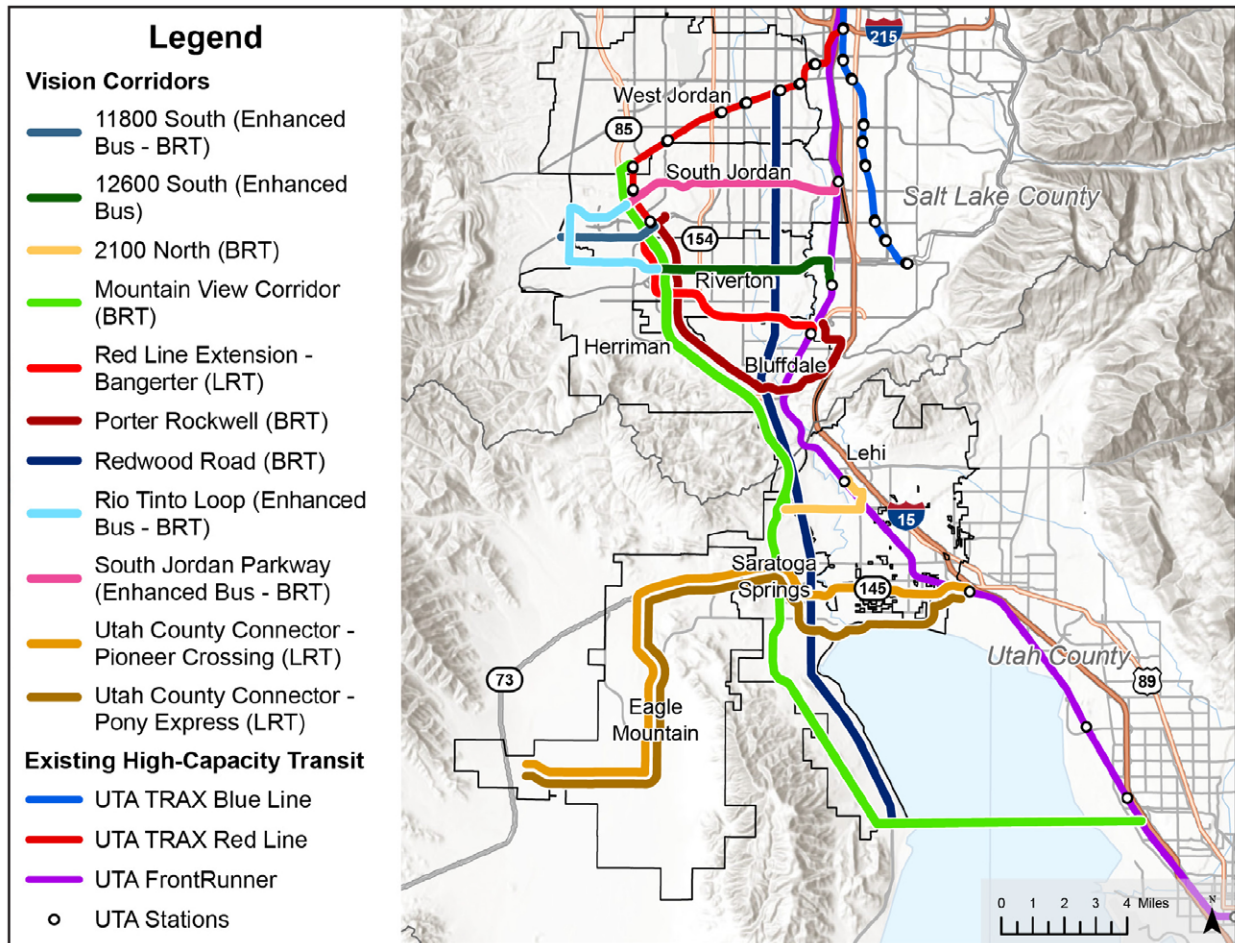




**FIGURE 26: Existing UTA Herriman Transit Service**

# Transit Fresh Look Vision

## December 2025 Draft



This map represents a shared vision for future transit projects. Implementation of the vision, and its component projects, is not certain, and is dependent on subsequent steps, which include:

- Funding: The availability of the necessary capital for construction, and ongoing funding for operations and maintenance.
- Land use: Community development patterns that support transit ridership.
- Analysis: Detailed corridor-level analysis and station area plans, project engineering, completion of all mandatory environmental reviews.
- Phasing: Transit enhancements in a corridor may be implemented in phases, depending on resources and feasibility.

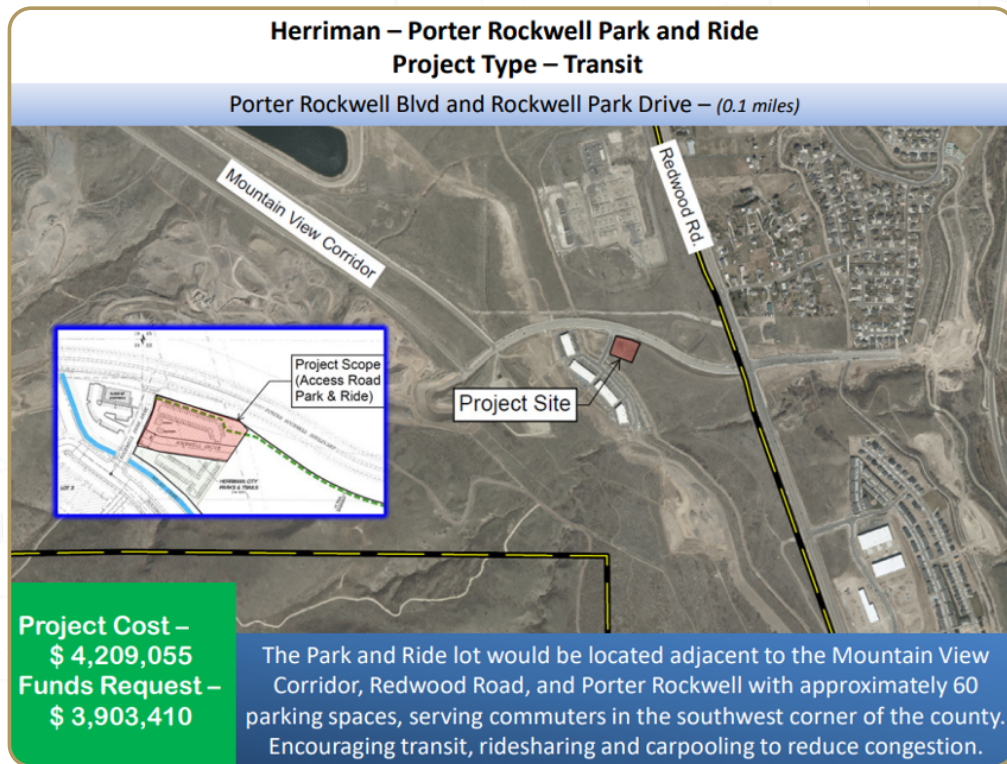
For more information, please visit the [Transit Fresh Look Webpage](#).

**FIGURE 27:** Transit Fresh Look Vision (12-2025 Draft)

## Porter Rockwell Boulevard Park-and-Ride

A park-and-ride project at Porter Rockwell Boulevard and Rockwell Park Drive was submitted to WFRC as part of the Transportation Improvement Program (TIP). This project is located between Redwood Road, Mountain View Corridor, and Porter Rockwell Boulevard, and is shown in **Figure 28**. This location can attract passengers to carpool to the surrounding communities.

While this project was not selected for this current TIP, it should be noted that it is an ideal location for a park-and-ride, especially if a transit stop is planned at this location. Herriman should continue to work with UTA to implement a transit stop at this location, further reinforcing the need for a park-and-ride.



**FIGURE 28:** Proposed Porter Rockwell Boulevard Park and Ride

The [WFRC Regional Transportation Plan](#) lists the following transit improvements in their 2023-2050 long-range transit plans

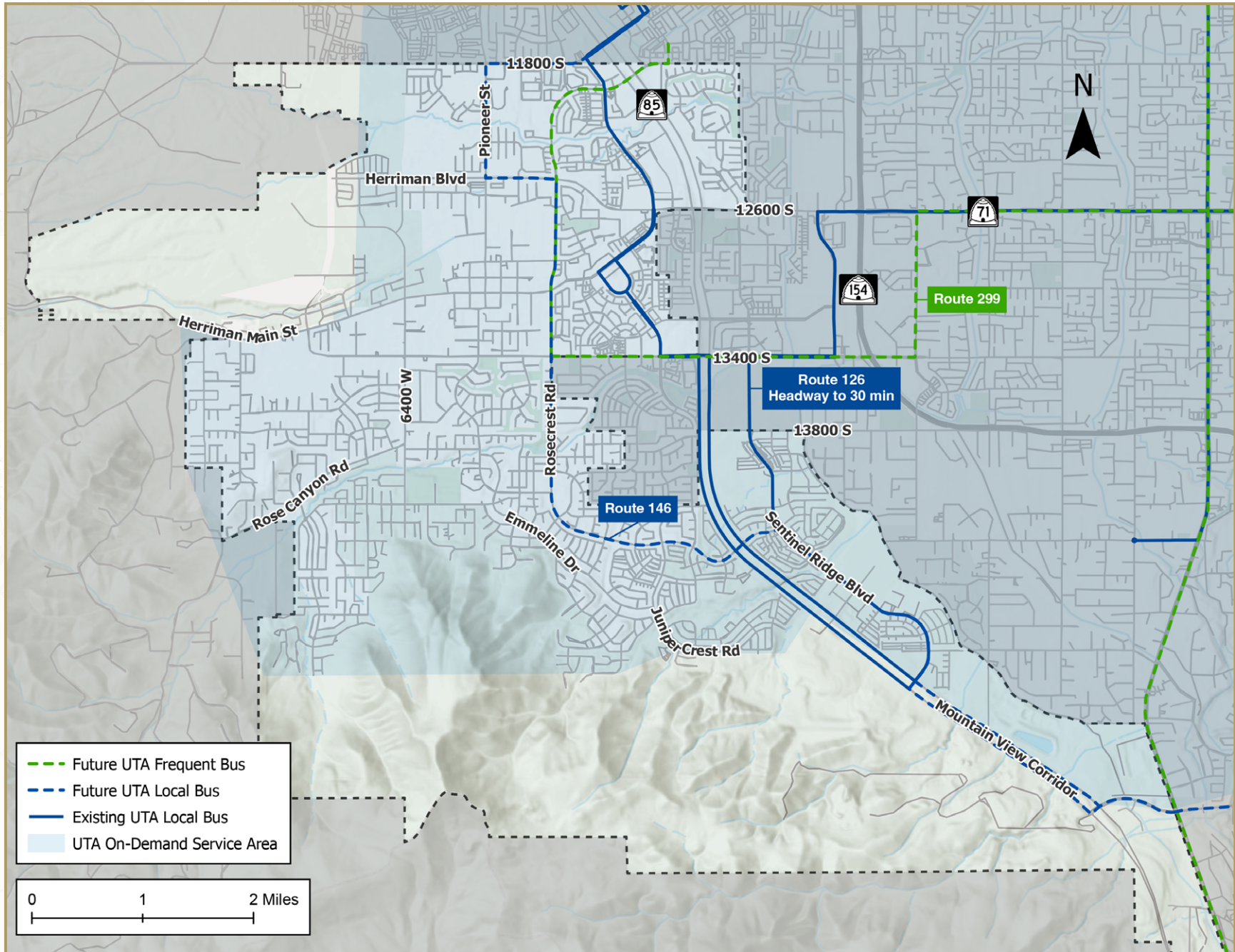
- Mid-Jordan Extension Corridor Preservation in Phase 1
- Transit Extension to University Corridor Preservation in Phase 1

These improvements are related to the TRAX routes. Thus, the Fresh Look Study may provide updates on these projects.

The [UTA Moves 2050 Long-Range Transit Plan](#) lists the following transit projects within Herriman:

- Local bus route from University of Utah Medical Center to Draper Station up to 30 minute frequency, planned for Phase 1 (2023-2032)
- Frequent Bus route from University of Utah Medical Center to Kimballs Lane Station. Currently this project does not have an assigned phase.

The [UTA Five-Year Service Plan](#) selects projects from the long-range plan that will be implemented in the next five years. This plan highlights the recent route change of Route 126 to Daybreak and Draper FrontRunner stations, as well as Herriman SLCC/Real Academy. This service currently has a 60-minute headway. In 2028, it is planned to increase to a 30-minute headway.

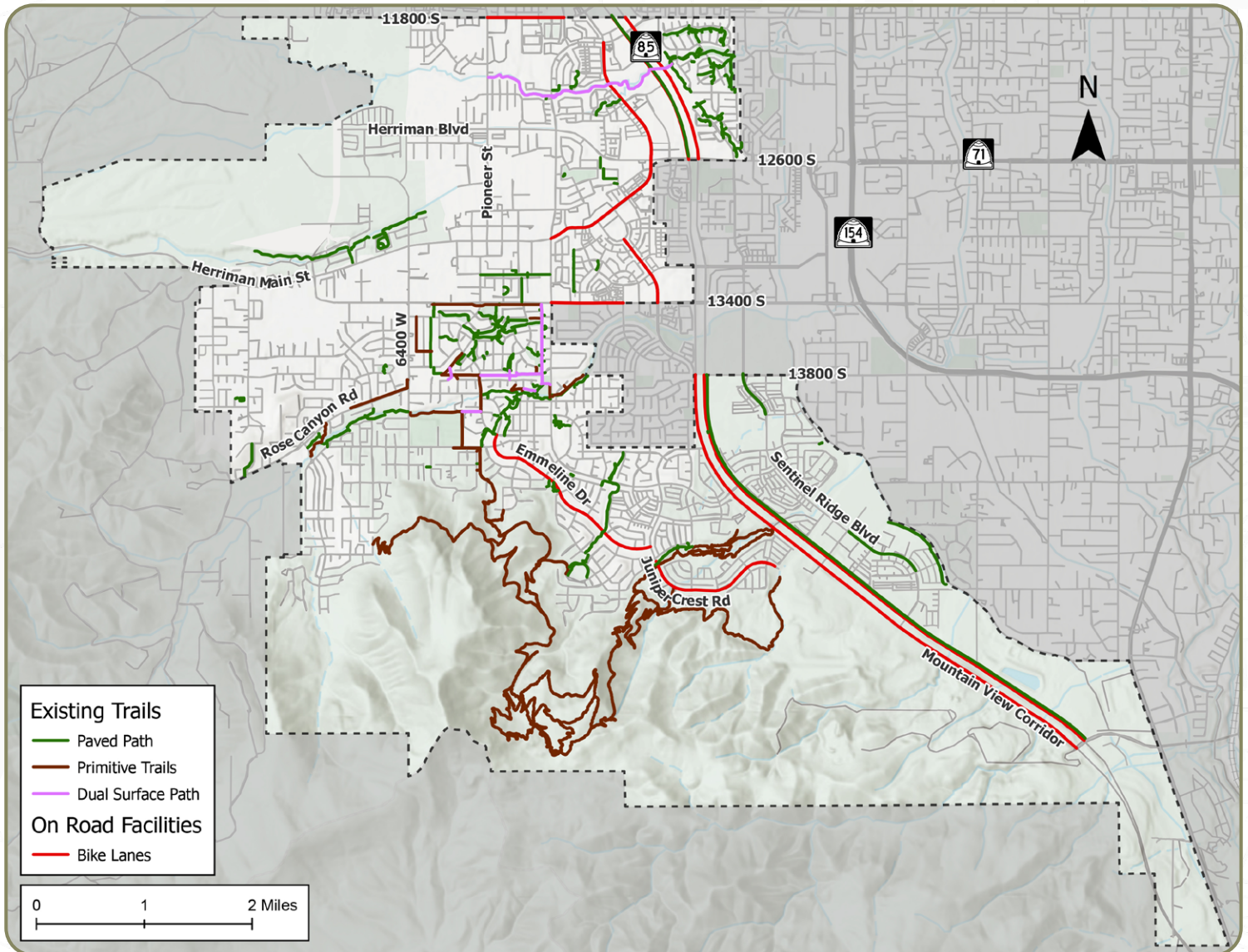


**FIGURE 29: Future Transit Plans in Herriman City**

## C. Active Transportation

### Existing Active Transportation

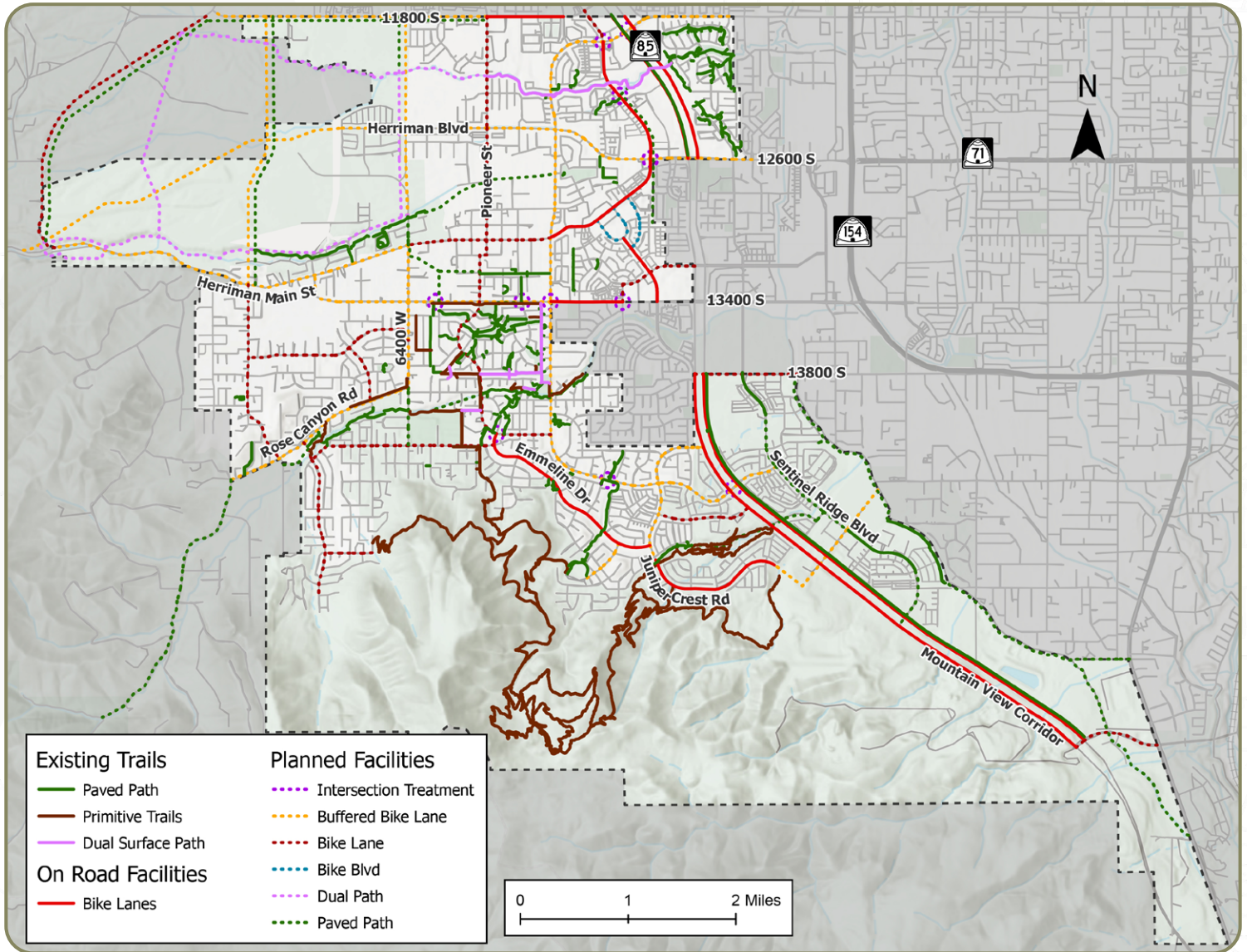
The most recently adopted plan for active transportation in Herriman City is the Herriman Active Transportation Plan (“ATP”) adopted in 2021. This plan builds off of the 2020 Herriman Parks, Trails, and Open Space (PTROS) Plan, which proposed a number of separated active transportation facilities and trails. As of the 2021 ATP there are 13 miles of bike lanes and 32 miles of paved paths within the City. **Figure 30** shows the existing active transportation network per the 2021 ATP.



**FIGURE 30: Existing Active Transportation Facilities**

## Future Active Transportation

Prominent goals shared by both the ATP and the PTROS plan include promoting active lifestyles, providing safe, comfortable transportation alternatives to motor vehicles, and ensuring the trail and bikeway network is interconnected and provides access to key destinations throughout the City. The ATP proposes 37.9 miles of bike lanes and 23.5 miles of paved paths, making the total mileage of Herriman’s active transportation network 105.6 miles, not including sidewalks. The highest priority projects include buffered bike lanes on Rosecrest Road, Herriman Boulevard, as well as buffered bike lanes and a paved side path along 11800 South. This plan is also a valuable resource for best-practices for policies that benefit pedestrians and cyclists, as well as roadway and intersection treatments to make them comfortable and safe for all modes. Funding sources for active transportation projects are also provided. **Figure 31** shows the proposed facilities from the ATP.



**FIGURE 31:** Proposed Active Transportation Network

# IV. TRANSPORTATION MANAGEMENT

## A. Overview

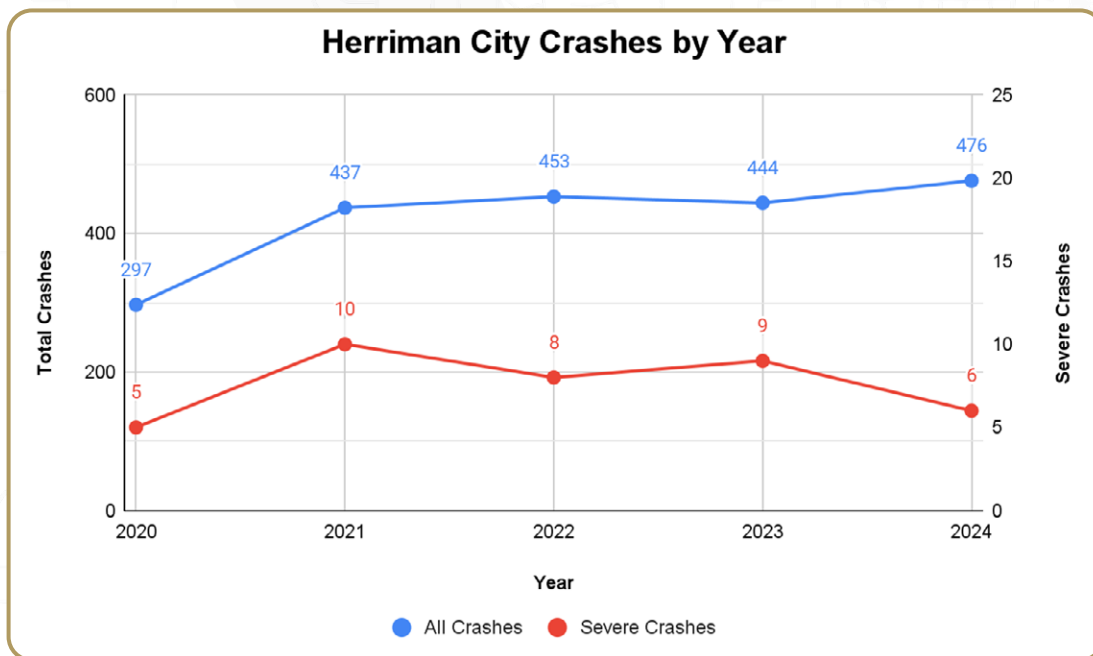
The City Transportation Management section discusses best practices to ensure the City develops and maintains a safe and efficient transportation network. This section includes the following:

- Transportation safety analysis
- School zones and Safe Routes to School
- Speed limit policy
- Traffic calming
- Access management standards
- Connectivity
- Traffic impact study standards

## B. Transportation Safety Analysis

A safety analysis was performed for all city-owned roadways within Herriman City. The most recent five full years of available crash data (January 1, 2020 to December 31, 2024) from UDOT Traffic & Safety were used to perform the analysis. Historic crash patterns were analyzed within Herriman City to develop project and policy recommendations.

In total there were 2,107 crashes reported within Herriman City between January 1, 2020 and December 31, 2024, excluding crashes along Mountain View Corridor. Of these, 34 (1.61%) involved suspected serious injuries and 4 (0.19%) were fatal. **Figure 32** shows the total crashes and severe crashes year-to-year. There was a significant increase in total crashes in 2021 relative to 2020. Total crashes have remained relatively steady since then. A spike was seen in severe crashes in 2021, with a general downward trend thereafter; however, given the small number of severe crashes, this decrease of about two crashes between any given year may not be an indication of any significant change in conditions.



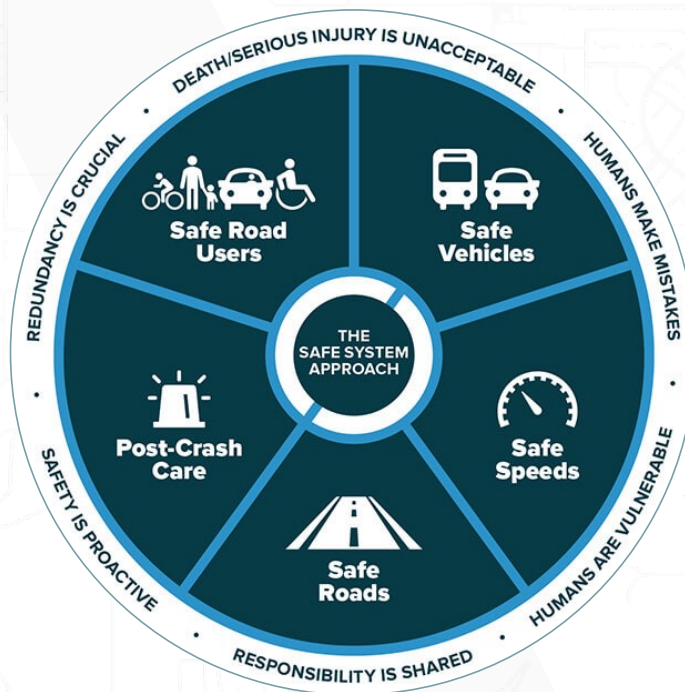
**FIGURE 32: 2020 to 2024 Crash Trends**

Comparisons between crash rates in Herriman City and in Salt Lake County as a whole are listed in **Table 7**. Crashes that occurred on Mountain View Corridor are excluded from all parts of the analysis

TABLE 7: CRASH TRENDS (2020-2024, EXCLUDING STATE ROADS)		
Category	Herriman City	Salt Lake County
Total Crashes	2,107	114,446
Percent Fatal & Serious Injury	1.8%	2.2%
Percent Speed-Related	13%	8%
Percent Pedestrian or Cyclist Involved	3.3%	4.6%
Intersection Related	61%	56%

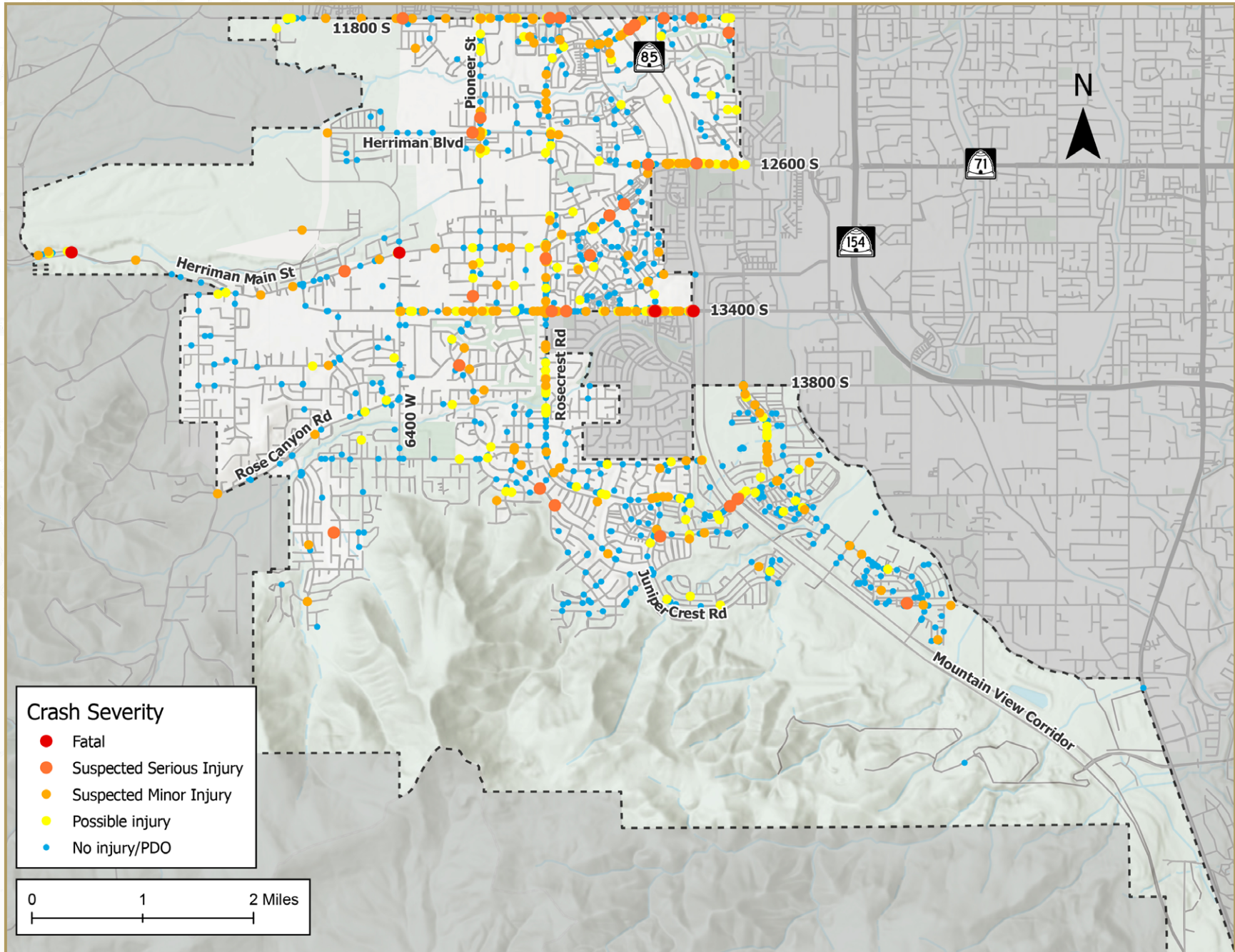
Herriman City’s severe crash rate is slightly below the County average, but a larger percent of crashes in Herriman were speed-related than was the case in the County as a whole.

Crash severity is reported according to a five-category scale ranging from no injury to fatality. UDOT, like many other agencies, has taken on the goal of Zero Fatalities. This zero fatalities approach is guided by the Safe System framework. The Safe System approach consists of the following principles (bordering the circle) and elements (within the circle):

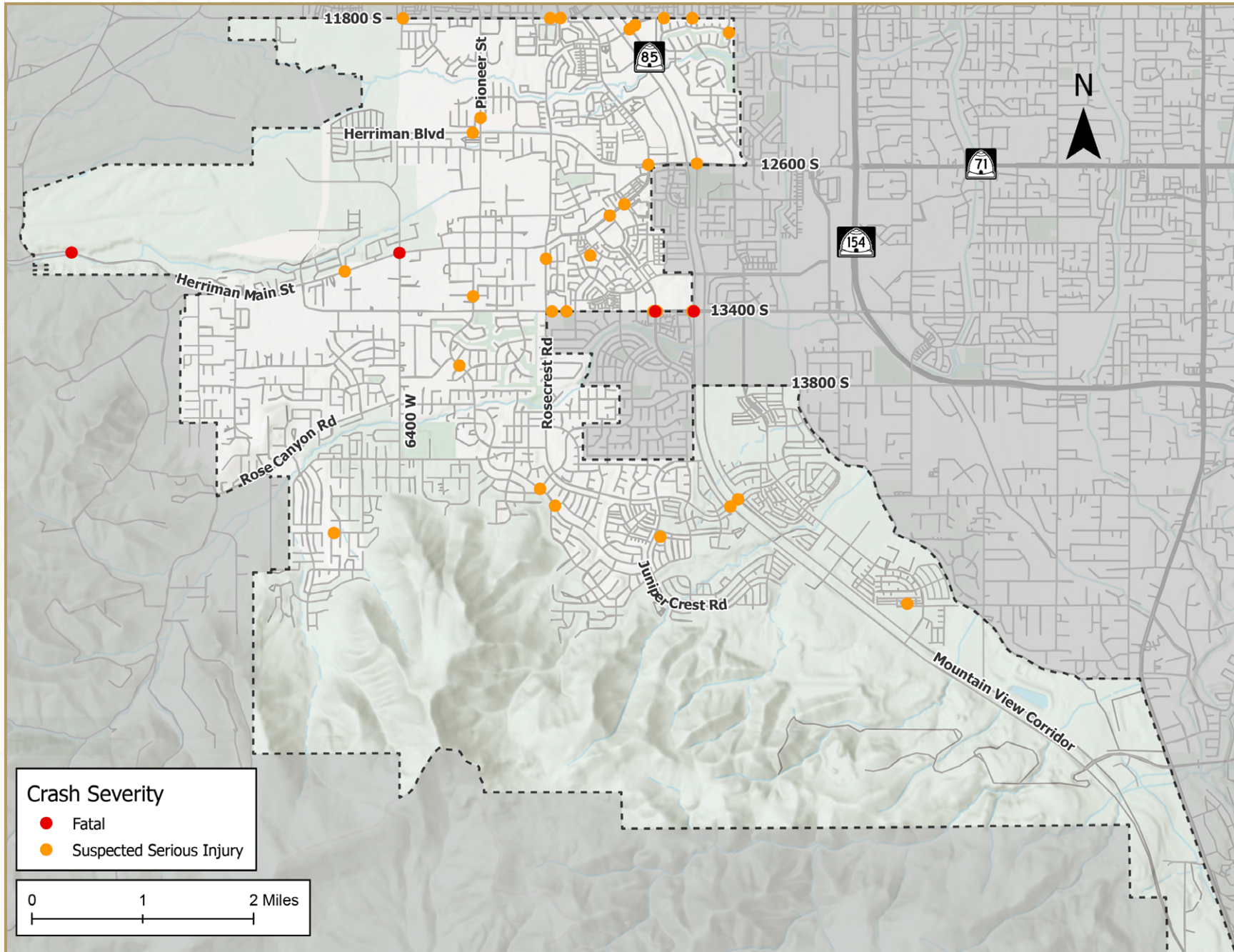


Given these goals, and the significant cost of severe crashes (both fatal and suspected serious injury), these crash types are the focus of the analysis.

**Figure 34** plots the serious injury and fatal crashes individually. For the analysis period, there were four crashes with a fatality and 34 crashes with suspected serious injuries.



**FIGURE 33: All Crashes in Herriman (2020-2024), excluding Mountain View Corridor**



**FIGURE 34:** Severe Crashes in Herriman (2020-2024), excluding Mountain View Corridor

The WFRC Comprehensive Safety Action Plan (2024) sets a cohesive regional safety vision and fulfills the road safety requirement for local jurisdictions to apply for SS4A (Safe Streets for All) grants. As part of this Safety Action Plan, several safety recommendations are included within Southern Salt Lake County and Herriman City. These recommendations are summarized in **Table 8**.

TABLE 8: WFRC CSAP RECOMMENDATIONS		
Project ID	Description of Improvements	Location(s)
10.54.1.1	Completing sidewalk, installing center curbed median, limiting access at unsignalized locations, striping a buffered bicycle lane, upgrading school crossings to high-visibility crosswalk markings.	<ul style="list-style-type: none"> <li>• 13400 S / Rose Canyon Rd</li> <li>• 13400 S / Rosecrest Rd</li> <li>• 13400 S / 5200 W</li> <li>• 13400 S / Towne Market Pl</li> <li>• 13400 S / Mountain View Corridor</li> </ul>
10.54.2	Bulbouts, pedestrian visibility improvements, eastbound/westbound right-turn lanes, advance warning signage on east and west approaches, retroreflective backplates and borders for signal heads, high-visibility pedestrian crossings, ADA improvements.	<ul style="list-style-type: none"> <li>• Herriman Blvd / Anthem Park Blvd</li> </ul>
10.54.3	Lane narrowing and median installation along the entire corridor. Extension of multi-use path along corridor, bulbouts at all school crossings.	<ul style="list-style-type: none"> <li>• Sentinel Ridge Blvd / Lower Meadow Dr north to City Boundary</li> </ul>

Details for each project are included in **Appendix C**. A WFRC GIS StoryMap showing the locations of these projects and other supplemental information is found [here](#).

In addition to the WFRC Safety Action Plan, safety recommendations identified in the previous TMP were revisited to determine if they had been implemented or are still recommended. Crash data was also analyzed since the previous TMP to identify new safety recommendations. Locations of concern, potential safety solutions, and the source of these recommendations are summarized in **Table 9**.



**TABLE 9: LOCATIONS OF CONCERN AND IMPROVEMENT DESCRIPTIONS**

Location	Concern	Description of Improvements	Source
<b>Real Vista Drive &amp; Mountain View Corridor</b>	Two severe crashes involving vehicles running stop signs.	<ul style="list-style-type: none"> <li>Work with UDOT to install signal, with interim improvements to stop signs (oversized signs, flashing sign border, MUTCD sign W4-4p "CROSS TRAFFIC DOES NOT STOP")</li> </ul>	2023 TMP
<b>Pioneer Street &amp; Autumn Glow Cove</b>	A severe pedestrian crash occurred at this location involving a child crossing the street. Given that the closest crosswalks to the elementary school are 0.3 miles apart, it was recommended that Herriman City add another crosswalk on Pioneer Street at this location to provide direct access between the elementary school and the neighborhoods to the east.	<ul style="list-style-type: none"> <li>Install crosswalk with rectangular rapid flashing beacon (RRFB) at Autumn Glow Cove and Violet Peak Drive.</li> <li>These crossings can be supplemented with yield lines, advance warning markings as shown in <b>Figure 35</b>, and curb extensions.</li> </ul>	2023 TMP
<b>Citywide</b>	A trend of crashes involving electric scooters was identified in the previous TMP. During the study period, there were four crashes involving electric scooters, the most recent one occurring in 2023 at an access to Mountain Ridge High School on Sentinel Ridge Boulevard. Most crashes involving scooters occurred on collector roadways.	<ul style="list-style-type: none"> <li>Implement traffic calming measures and increase pedestrian visibility at active transportation crossings, particularly on collector roadways.</li> </ul>	2023 TMP
<b>12600 S &amp; Herriman Main Street</b>	Previous TMP recommended converting the westbound left-turn to protected only left-turn phasing.	<ul style="list-style-type: none"> <li>Implement protected-only phasing for westbound left turns.</li> </ul>	2023 TMP
<b>Herriman Highway West of Dansie Boulevard</b>	Reckless and high-speed driving resulted in several severe crashes along this roadway, including a fatality on the curve east of the Butterfield Canyon Trailhead after a vehicle ran off the road under dark nighttime conditions.	<ul style="list-style-type: none"> <li>Evaluate each horizontal curve and install MUTCD-compliant chevrons, curve delineators, and advance warning signs for changes in horizontal alignment.</li> </ul>	Current TMP

**TABLE 9: LOCATIONS OF CONCERN AND IMPROVEMENT DESCRIPTIONS** (continued)

Location	Concern	Description of Improvements	Source
<p><b>Signalized intersections along Mountain View Corridor (SR-85)</b></p>	<p>While UDOT has taken actions to improve safety at these intersections, severe crashes are still occurring, with two occurring at 13400 South.</p>	<ul style="list-style-type: none"> <li>Continue to monitor these locations and coordinate with UDOT.</li> </ul>	<p>Current TMP</p>
<p><b>Herriman Highway &amp; Hi Country Road</b></p>	<p>Hi County Road intersects Herriman Highway at a severe skew, with a small segment linking the two roadways just west of this skewed intersection. The current intersection has too many conflicting access points, is confusing for drivers, and the sight distance from the skewed intersection is poor due to the embankment and the curvature.</p>	<ul style="list-style-type: none"> <li>Remove the skewed intersection to the east and direct traffic to the segment that intersects Herriman Highway at a right angle. This will consolidate conflict points to a single location that has better sight distance and safer turning radii.</li> <li>Convert the remaining intersection on the west to a High-T intersection. An example plan view of this new configuration is shown in <b>Figure 36</b>.</li> </ul>	<p>Current TMP</p>
<p><b>13400 South &amp; Pioneer Street, Rosecrest Road, Fort Herriman Parkway</b></p> <p><b>Fort Herriman Parkway &amp; Herriman Main Street, Black Locust Way</b></p> <p><b>Herriman Boulevard &amp; Pioneer Street</b></p> <p><b>Rosecrest Road &amp; Juniper Crest Road (Palisade Rose Road)</b></p>	<p>The highest concentration of severe crashes at these intersections and corridors. Turning vehicles fail to see pedestrians in the crosswalk because drivers are concentrated on searching for gaps in traffic.</p> <p>Another common issue along major corridors involves left-turning vehicles failing to yield to oncoming traffic.</p>	<ul style="list-style-type: none"> <li>Implement leading pedestrian intervals and R10-15L signs on the left-turn movements.</li> <li>Consider protected-only phasing for left turns</li> <li>Consider right turn on red (RTOR) restrictions (Fort Herriman Parkway &amp; Herriman Main Street, Black Locust Way).</li> <li>Remove negative offsets for left turn lanes (Herriman Main Street).</li> </ul>	<p>Current TMP</p>
<p><b>Rosecrest Road &amp; Sentinel Ridge Boulevard</b></p>	<p>The crash data included several incidents of students being hit in the school crosswalk across the western leg at Rosecrest Road and Sentinel Ridge Drive. Turning drivers are failing to see pedestrians in the crosswalk. Leading pedestrian intervals could also be beneficial, but may not be necessary if the other two measures are implemented.</p>	<ul style="list-style-type: none"> <li>Implement protected-only left-turn phasing on the north-bound approach, at least during school peak hours.</li> <li>Prohibit RTOR on all approaches.</li> </ul>	<p>Current TMP</p>

**TABLE 9: LOCATIONS OF CONCERN AND IMPROVEMENT DESCRIPTIONS** (continued)

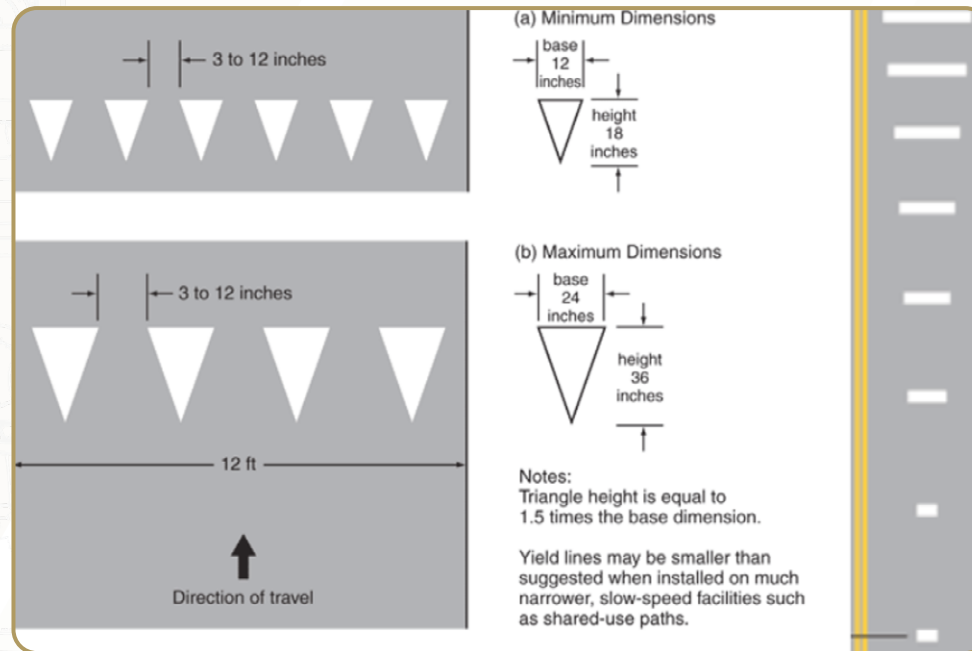
Location	Concern	Description of Improvements	Source
<p style="text-align: center;"><b>Rosecrest Road - Andalusian Court through Herriman Main Street</b></p>	<p><b>Access Management along Rosecrest Road</b></p> <ul style="list-style-type: none"> <li>The access to the credit union is approximately 100 feet south from the 13400 South intersection. Turns in and out of this access have caused dangerous conflicts with the northbound left turn lane, as evidenced by at least one crash during the analysis period. Additionally, this access is offset only 50 feet from the opposing Walgreens access, which does not comply with City standards; therefore, it is reasonable that this access is currently marked as a RIRO access, particularly because there is an alternative route to access this lot via the access across from Andalusian Court to the south.</li> <li>Left turns out of the Walgreens access on Rosecrest Road could still encounter conflicts with vehicles turning in and out of the opposing credit union access. <ul style="list-style-type: none"> <li>Although this driveway complies with City standards in its spacing away from 13400 South, one injury-causing crash occurred when a vehicle turning right into the intersection stopped suddenly for a bicyclist crossing the driveway, resulting in a rear-end collision upstream.</li> </ul> </li> <li>The Smith's on the northeast corner of the intersection has several driveways on to 13400 South. The westernmost driveway is too close to the signal, and crashes involving vehicles turning left out of the access have occurred.</li> <li>The intersection of Woods Park Drive with Rosecrest Road is offset from two opposing accesses without the appropriate spacing defined in the City's standards.</li> </ul>	<ul style="list-style-type: none"> <li>Construct a curbed median along the northbound approach to 13400 South to enforce RIRO movements at the credit union access.</li> <li>Continue the curbed median south on the east side of the turn lane to convert the Walgreens access to allow inbound left turns to Walgreens while prohibiting outbound lefts.</li> <li>Consider adding a southbound right-turn lane entering Walgreens.</li> <li>Add a curbed median to enforce a left turn prohibition at the westernmost access to Smith's on 13400 South. Adding a curbed median here would prohibit left turns at the access to the credit union, but there is an alternate route through the hospital lot.</li> <li>Prohibit left turns at one of the opposing accesses to Woods Park Drive.</li> </ul> <p>These recommended improvements are shown in <b>Figure 37</b>.</p>	<p style="text-align: center;">Current TMP</p>

**TABLE 9: LOCATIONS OF CONCERN AND IMPROVEMENT DESCRIPTIONS** (continued)

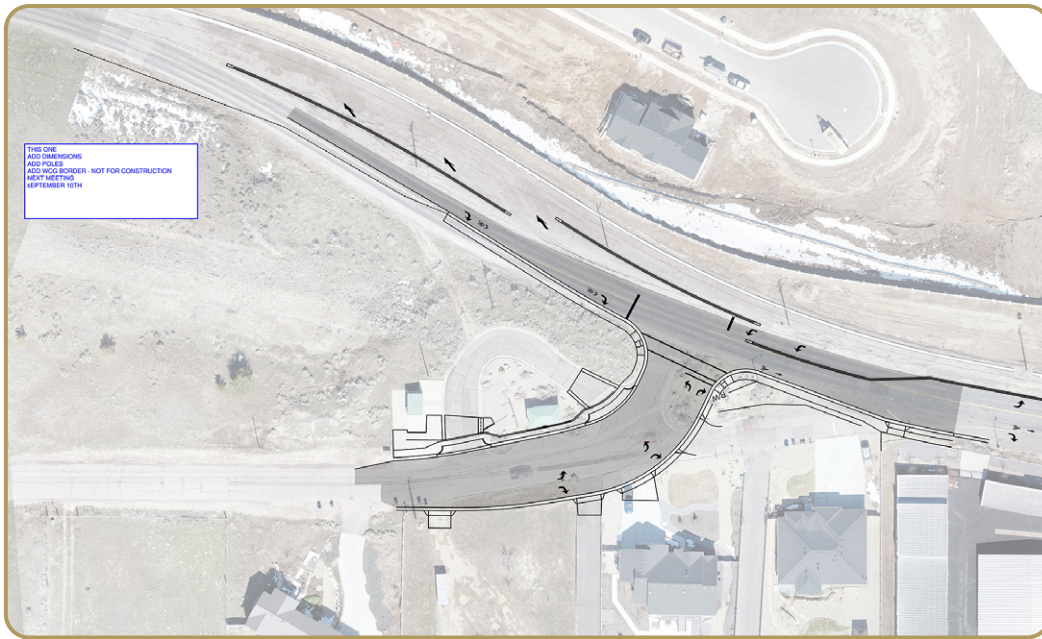
Location	Concern	Description of Improvements	Source
<p><b>Rocky Point Drive (High Spirit Court) and Rosecrest Road</b></p>	<p>Due to the topography and roadside obstacles, sight distance is limited at this intersection. Most crashes at this location were rear-end crashes from vehicles failing to stop for the stop sign while another vehicle was stopped. It's possible that these occurred because of distracted driving or because it was difficult to tell when a vehicle was stopped.</p>	<p>Consider the following alternatives:</p> <ul style="list-style-type: none"> <li>• Construct a roundabout to slow vehicles.</li> <li>• Construct bulb-outs to slow vehicles and increase pedestrian visibility.</li> <li>• Construct a raised intersection to slow vehicles and improve pedestrian conditions.</li> <li>• Remove the stop signs on Rosecrest Road, pair with speed tables in advance of the intersection and "CROSS TRAFFIC DOES NOT STOP" signs on the minor street approaches.</li> <li>• Improve the lighting and add advance warning markings and signage.</li> </ul>	<p>Current TMP</p>
<p><b>11800 South &amp; Mustang Trail Way</b></p> <p><b>11800 South &amp; Freedom Park Boulevard</b></p> <p><b>Herriman Boulevard &amp; Pioneer Street</b></p> <p><b>13400 South &amp; Rosecrest Road</b></p> <p><b>Rosecrest Road &amp; Sentinel Ridge Boulevard</b></p>	<p>As Herriman is a city with a large concentration of young families, it is particularly important that active transportation safety be a focus in neighborhoods, commercial districts, and around parks and schools, to provide children with safe ways to get around independently — though children aren't the only residents who need safe access to walking and biking routes.</p>	<ul style="list-style-type: none"> <li>• Implement leading pedestrian intervals and R10-15L signs on the left-turn movements.</li> </ul>	<p>Current TMP</p>
<p><b>13400 South &amp; Pioneer Street (Mirabella Drive)</b></p>	<p>The paved path south of 13400 South crosses Mirabella Drive about 55 feet south of the signalized intersection. While there were no crashes related to this issue, this could present a hazard for vehicles exiting the intersection in the southbound direction, as they likely will not expect to encounter a second crosswalk so soon.</p>	<ul style="list-style-type: none"> <li>• Consider removing the crosswalk and consolidating crossings by combining the trail and the sidewalk at the intersection. This solution is preferred as there is not sufficient stopping sight distance between the crossing at the intersection.</li> <li>• If the crossing is kept, there should be an activated beacon (like a RRFB) at this crossing to call extra attention to its presence. A speed table could be installed at this crossing, further increasing visibility and traffic calming.</li> </ul>	<p>Current TMP</p>

**TABLE 9: LOCATIONS OF CONCERN AND IMPROVEMENT DESCRIPTIONS** (continued)

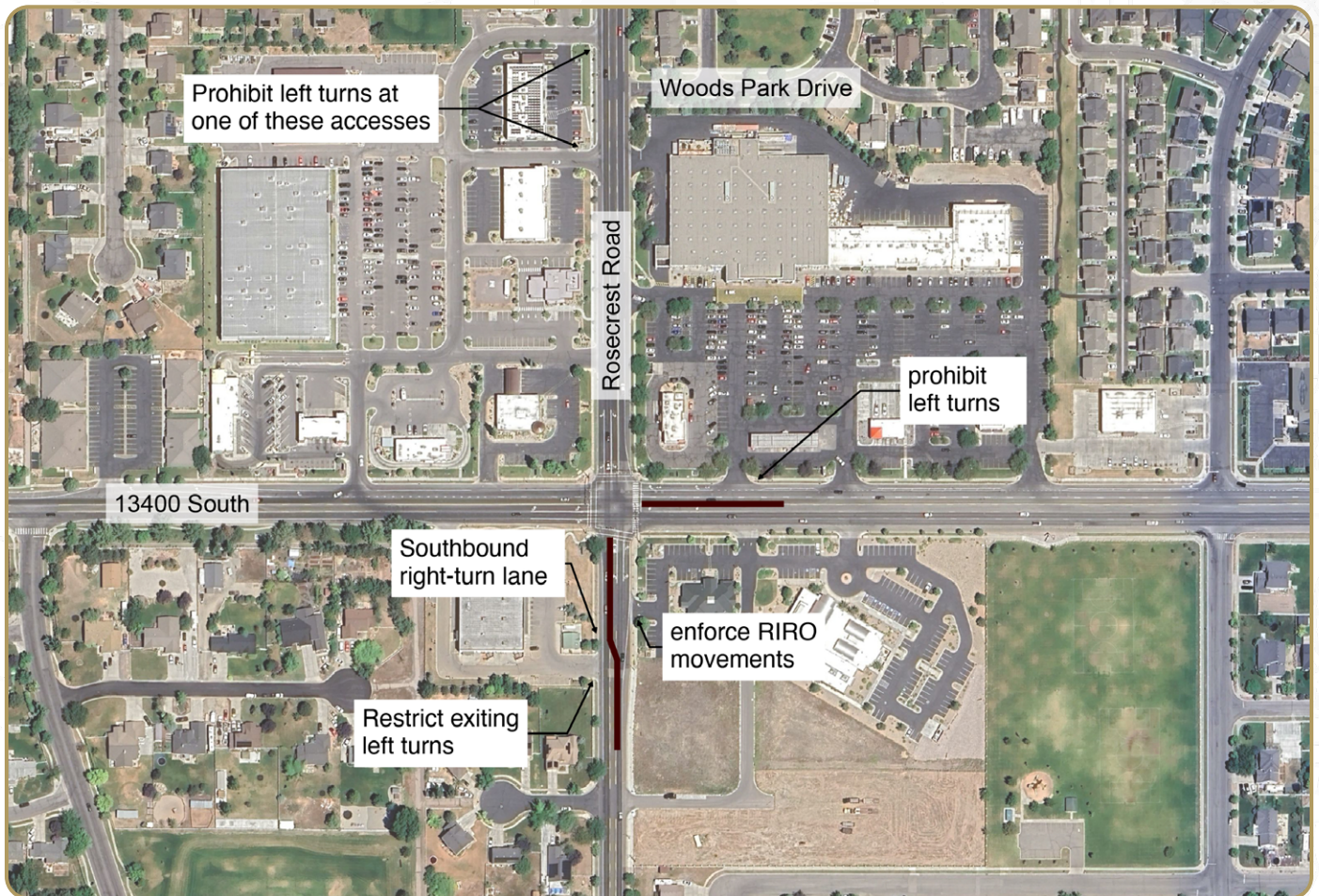
Location	Concern	Description of Improvements	Source
<b>Accesses along arterials</b>	Driveway accesses on busy streets are among the most dangerous locations for pedestrians. For example, two accesses to the Smith's on 13400 South each had a bicyclist or pedestrian crash. This is common on fast, arterial roads because vehicles are typically focused on searching for gaps in traffic rather than pedestrians.	<ul style="list-style-type: none"> <li>• Signage added to the entering and exiting approaches to remind vehicles to yield to pedestrians.</li> <li>• Lengthening driveways and pushing the sidewalk back from the street can provide space for entering vehicles to stop in time.</li> <li>• Adding Green paint to the bike lanes across these driveways to make them more visible.</li> </ul>	Current TMP



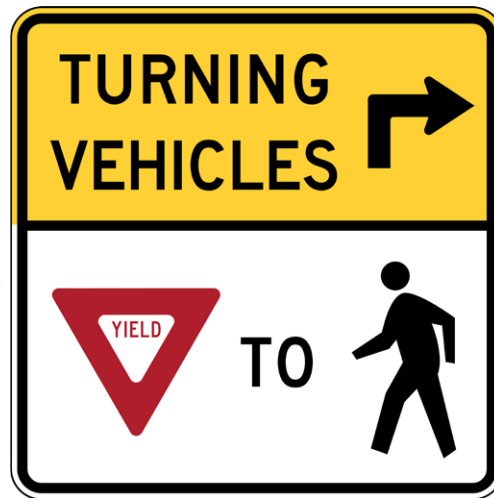
**FIGURE 35: Yield Lines and Advance Warning Markings** (Source: MUTCD)



**FIGURE 36:** Example Configuration of Hi Country Road & Herriman Highway



**FIGURE 37:** Recommended Access Management Improvements—13400 South & Rosecrest Road



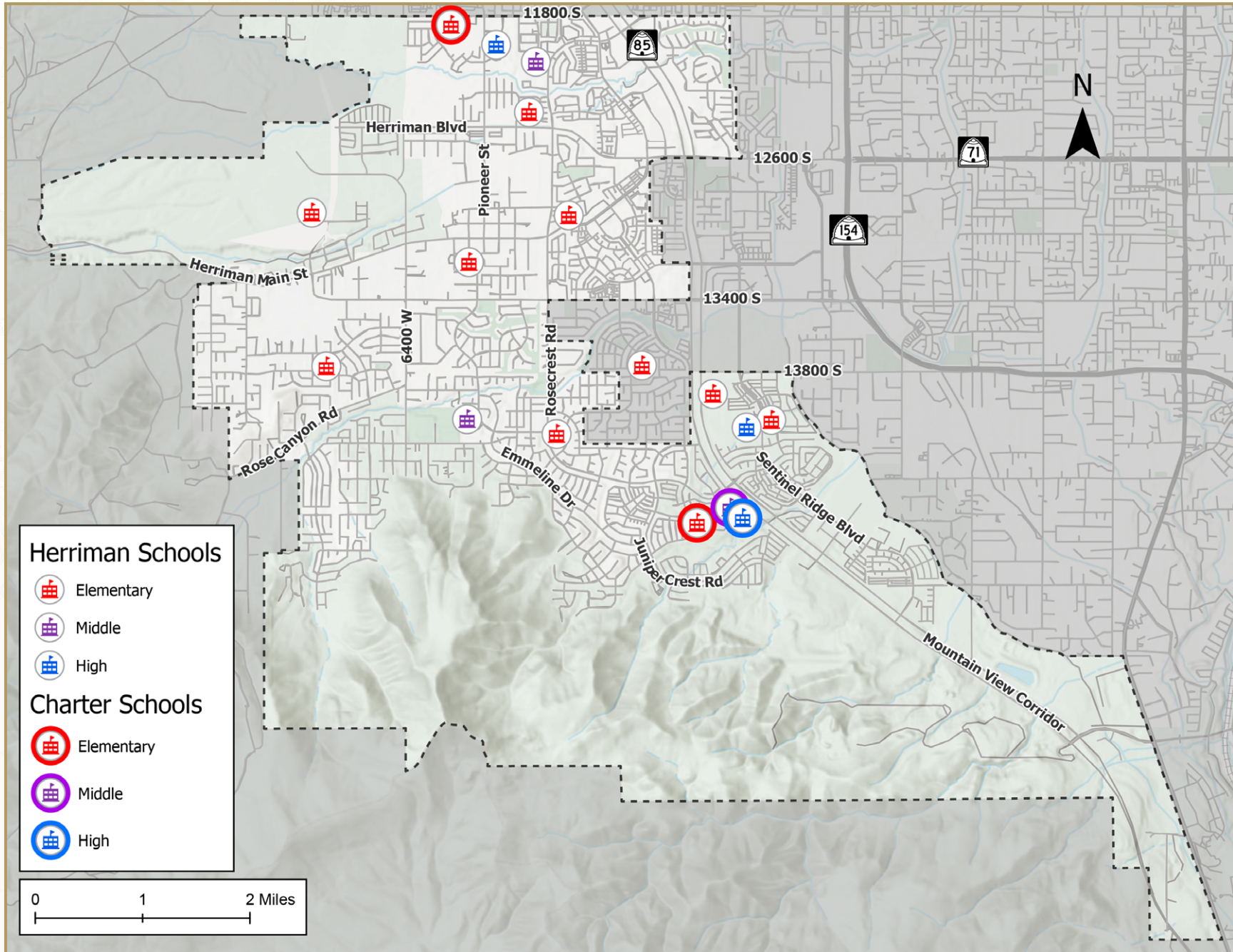
**FIGURE 38:** R10-15 (L/R) Turning Vehicles Yield to Peds (Either Direction, Source: MUTCD)

### C. School Zones and Safe Routes to School

School zones are important areas within a transportation network, as they directly impact the safety of students and influence traffic. It is important to recognize that roadways near schools will be congested around school start and end times due to the large number of parents dropping off and picking up their children. While other city roadways may have large traffic volumes, these volumes are spread throughout the day, whereas school traffic takes place in very short time periods. Additionally, pedestrians frequently crossing roadways near schools, and vehicles turning in and out of school parking lots, further slow traffic. These considerations make congestion near schools unavoidable during peak times.

UDOT has developed the Safe Routes to School Program (SRTS) to highlight routes for students to walk or bike to school. These roadways are expected to have children present when school is in session. Herriman city staff meets with the school district annually to discuss school boundary changes and updates to safe routes to school. These routes are then submitted to UDOT, and can be seen on [UDOT’s Safe Routes website](#).





**FIGURE 39: Schools within Herriman City**

One identified area of concern is Patriot Ridge Drive between River Chase Road and MVC. Three charter schools are located on this segment. As mentioned, pedestrians crossing the roadway frequently can result in vehicles stopping and queuing along the roadway. Possible solutions to reduce the frequency of pedestrians crossing the roadway include:

- Grade separated crossing - A grade separated crossing eliminates the conflict point between pedestrians and vehicles, allowing vehicles to travel uninterrupted and pedestrians to cross the roadway with an added layer of safety.
  - The City does not have sufficient funding for a pedestrian tunnel or bridge. Residents can work with Providence Hall in securing grants to help fund this project.
  - If the grade separated crossing requires too much out-of-direction travel then it is likely that pedestrians will not use it. All possible steps should be made to limit the inconvenience to pedestrians when using this facility.
- Signal at River Chase Road / Patriot Ridge Drive intersection - Currently this intersection is unsignalized, and pedestrians can cross at any time. A signal with a pedestrian walk phase can group pedestrians together, reducing the number of times vehicles need to stop and wait.

Further study should be done on these solutions before they are implemented. As mentioned, congestion will still be present due to the nature of school traffic. However, these solutions can decrease the number of times vehicles will have to stop on the roadway, improving traffic flow.



**FIGURE 40:** Potential Patriot Ridge Drive Solutions

## D. Speed Limit Policy

Speed limits for Herriman city are outlined in the [Herriman City Standards and Specifications Manual](#). Speed limits are determined based on the functional classification and design speed of the roadway. Final decisions for roadway speed limits should be based on engineering judgment, principles, and analysis. **Table 10** summarizes the appropriate speed limits for Herriman city roadways. The full documentation is found in the Standards and Specifications Manual.

Roadway Functional Class	Speed Limit
Local	25 mph
Collector	35 mph
Arterial	40 - 45 mph

## E. Traffic Calming

Traffic calming refers to the use of design measures aimed at reducing vehicle speeds and improving safety for pedestrians and cyclists, often by altering the physical or visual characteristics of roadways. Desired outcomes can include the reduction of vehicle traffic and/or vehicle speed. This may be especially important in areas of the City where a high pedestrian presence is desired, such as residential neighborhoods, the vicinity of schools, and town centers. While the goal of arterial-type roadways is increasing vehicle capacity, it is normally desired that residential and town center roadways maintain a safer road for pedestrians and bikers where vehicle volumes and speeds are lower. As mentioned in the Transportation Safety Analysis section of this Master Plan, two of the Safe System Approach elements include Safe Speeds and Safe Roads. Traffic calming fits within these elements and creates a safer system.

Herriman City has ownership over most of the major corridors within City boundaries, which stands in contrast to many other cities in the region, where UDOT owns and maintains many of the major facilities. This gives the City the flexibility to implement safety measures as they see fit, but the high level of

maintenance and management required by these facilities also puts a greater strain on City resources.

Traffic calming measures can be separated into passive or active treatments. Active treatments include vertical or horizontal deflection in the roadway that require a driver to reduce their speed to maintain a comfortable drive. The following are examples of active measures that have been determined appropriate for Herriman City roadways:

- Raised pedestrian crossings
- Chicanes
- Median islands
- Roundabouts and traffic circles
- Intersection bulb-outs or chokers
- On-street parking



Other active treatments such as speed humps have been determined inappropriate for use on Herriman City roads. Speed humps are not allowed because they damage snow plow equipment, increase delay for emergency responders, and increase noise and pollution.

While active measures can be more effective in slowing down vehicles, they are also much more expensive. Thus, it is more common that an active treatment will be implemented as part of a larger project, as opposed to an independent one.



Example of intersection bulb outs and on-street parking (street view) - Bountiful, UT



Example of intersection bulb out and on-street parking (aerial view) - Bountiful, UT

Passive treatments include measures that encourage a driver to slow down that do not involve physical changes to the roadway. These types of measures elicit increased attentiveness and awareness to help drivers to slow down. The following are examples of passive measures:

- Increased speed enforcement
- Driver feedback signs
- Narrow lane striping
- Signs dictating speed limit or various restrictions
- Speed legends on pavement

The installation of driver feedback signs is geometry and situational based and may not be appropriate for all roadways. Guidelines on the installation of driver feedback signs can be found in section 2C.13 of the [Manual on Uniform Traffic Control Devices](#). The same is also true for additional speed limit signs. Additional speed limit signs should be properly placed to maximize their effectiveness. Guidelines on the installation of speed limit signs can be found in section 2B.21 of the MUTCD.

As Herriman City continues to increase the connectivity of roadways, the provision of traffic calming will be important to ensure safety is not adversely affected. City staff should review traffic patterns and implement traffic calming measures as needed to enhance the safety of the roadway for all users. As discussed in the Public Engagement section, a visual preference survey was completed at Herriman Towne Days where residents were able to vote on their preferred speed management measures. As shown, residents were largely in favor of radar speed signs, with speed tables and raised intersections being the next preferred alternatives.

## F. Access Management

Access management is a key element in transportation planning, helping to make transportation corridors operate more efficiently without costly road widening projects. Access management offers local governments a systematic approach to decision-making: applying principles uniformly, equitably, and consistently throughout the jurisdiction.

Access management has been documented to include the following safety and operational benefits:

- Lower crash rates
- Lower crash severity
- Increased traffic signal efficiency
- Decreased delay
- Increased capacity

Positive economic benefits can also result from proper access management, as it can improve travel times and congestion. This makes locations more desirable to patrons (Federal Highway Administration, Safe Access is Good for Business, 2006).

Especially applicable to transportation master planning is the fact that improving access management along an arterial corridor can increase the capacity of the roadway. This can result in less need for additional through lanes and thereby significantly reduce the cost of roadway infrastructure.

Access requirements for arterial, collector and local roads owned by Herriman city are defined in [Herriman City Standards and Specifications Manual](#). These requirements are summarized below. Additional information can be found in the Standards and Specifications Manual.



## COMMERCIAL / INDUSTRIAL / MULTI-FAMILY DRIVEWAYS OFFSETS

Functional Classification	Minimum Driveway Spacing (feet)		
	Upstream and Downstream	Opposing Upstream	Opposing Downstream
<b>Arterial / Freeway Interchange Areas</b>	<a href="#">State of Utah Highway Access Management Standards Apply</a>		
<b>Major Collector</b>	200	175	125
<b>Minor Collector</b>	150	125	125
<b>Local</b>	See driveway offsets	See driveway offsets	125

### NOTES:

1. As determined by the City Engineer, engineering judgment shall override the recommended dimensions set forth in this table if warranted by the specific traffic conditions.
2. Driveway spacing is measured as shown in figure 1.
3. Corner clearance requirements for access points should meet or exceed the minimum driveway spacing requirements.
4. For corner properties, access to public streets should be provided from the lesser (lowest functional classification) street.
5. Driveways in right turn lane transition areas not allowed unless approved by the City Engineer.

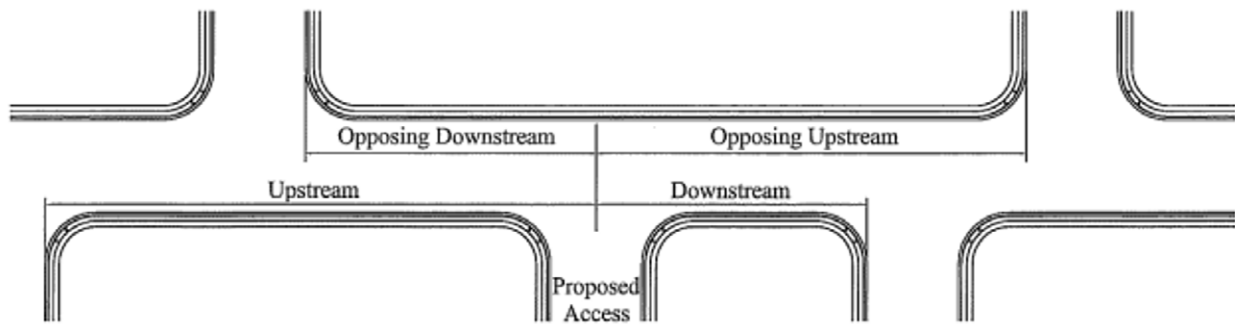


Figure 1: Measurements for minimum access spacing standards

Source: Herriman City Standards and Specifications

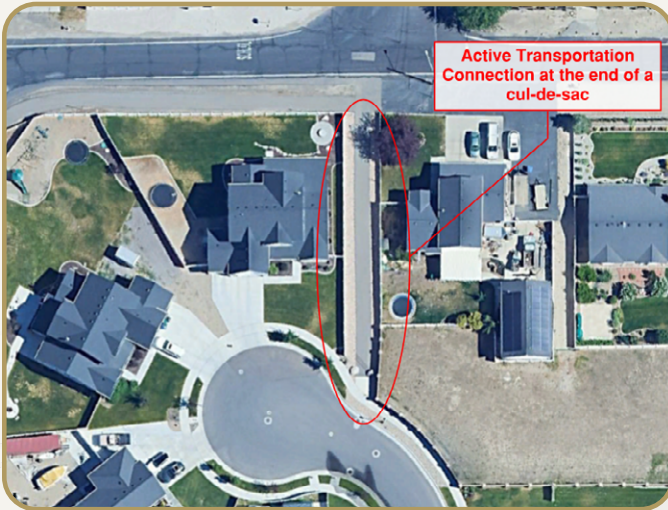
## G. Connectivity

Connectivity refers to an interconnected roadway, bikeway, and walkway network that allows for multiple routes for travel. A system with excellent connectivity allows people multiple options when traveling between points within a city. Strong collector and arterial road connectivity distributes traffic between corridors. A well-connected local street network allows short-trips to be completed on local roadways rather than relying on regional collectors and arterials. A connected road network improves access and reduces travel times, congestion and the need for future roadway widening. Good network connectivity also improves emergency access and response times. It is recommended that connectivity be improved in the City as development continues.

The blue connections shown in **Figure 41** are anticipated to be completed by development. Future locations may not be exact, but this map shows the overall intent for roadway connectivity. This can be done by minimizing the use of cul-de-sacs where possible and connecting stub roads with infill projects.

A highly connected road network provides the following benefits:

- Improves access
- Reduces travel times
- Reduces congestion and the need for future roadway widening
- Improves emergency access and response times



Connectivity not only refers to roadways, but to active transportation connections as well. Active transportation connections refer to paths for pedestrians and cyclists. They are not as wide as local roadways are not intended to be used by vehicles. Implementing active transportation connections at the end of cul-de-sacs can connect communities and provide access between neighborhoods for pedestrians without requiring them to walk long distances or follow the same routes as vehicles. The red connections shown in **Figure 41** identify locations where active transportation connections could be implemented.

## Senate Bill 195

In 2025, the Utah State Legislature passed [Senate Bill 195 Transportation Amendments](#). As part of this bill, cities and MPOs are required to “update the transportation and traffic circulation element of the municipality’s general plan to identify priority connections to remedy physical impediments, including water conveyances, that would improve circulation and enhance vehicle, transit, bicycle, or pedestrian access to significant economic, educational, recreational, and other priority destinations.”

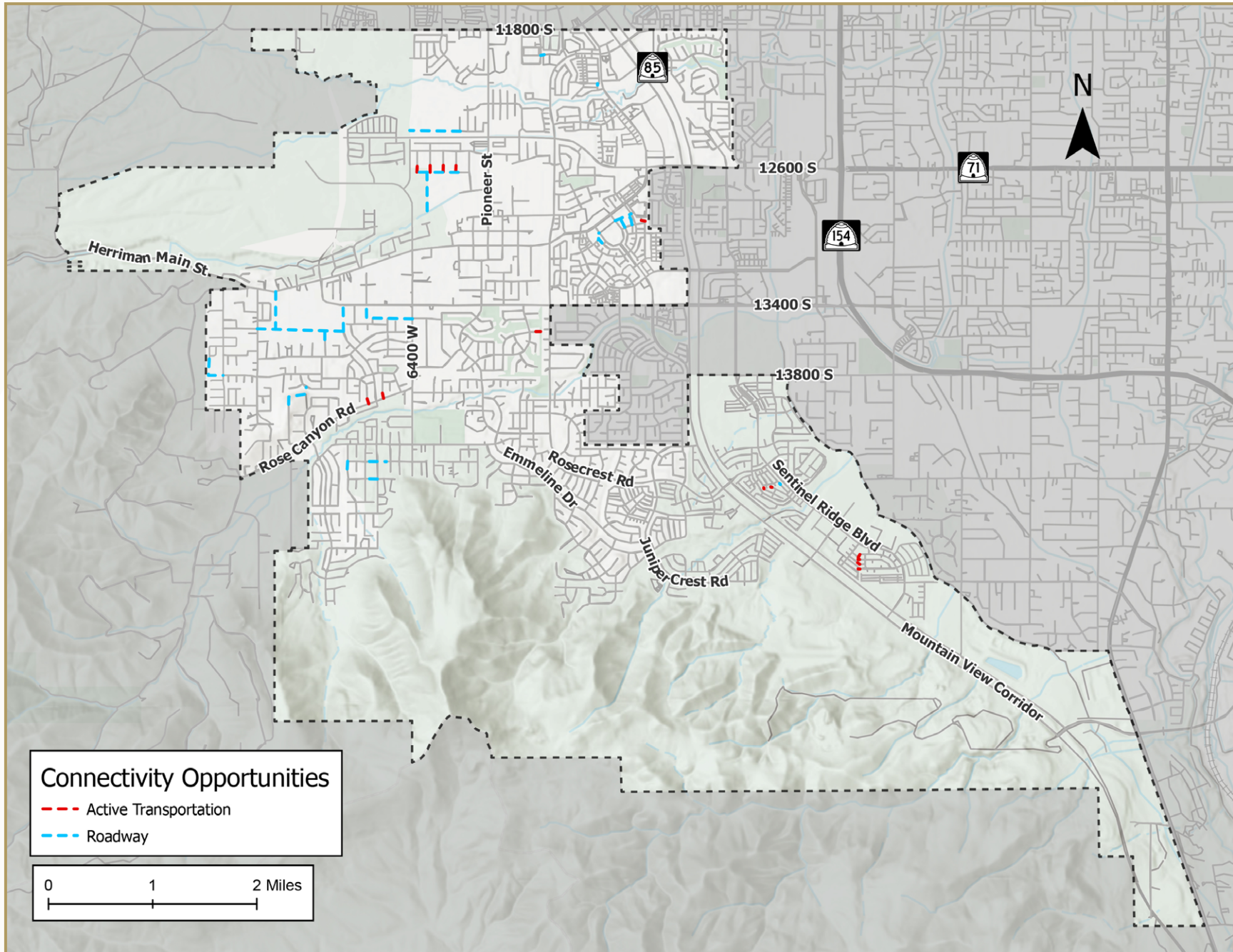
As noted in lines 105 - 109 of the Bill, the City shall also identify:

- Cost estimates
- Potential funding sources such as state, local, federal, or private funding
- Impediments to constructing these connections.

The connections discussed in this section address these requirements outlined in S.B. 195.

Herriman City is directly adjacent to Bluffdale, Riverton, and South Jordan. The following connections can be made between Herriman and its neighboring cities to alleviate congestion on existing roadways:

- **Welby Jacobs Canal Crossing**
  - The Welby Jacobs Canal runs along the east border of Herriman. The canal provides an impediment to east/west connections between Herriman and Bluffdale. As a result, all traffic is routed to 13400 South, resulting in more congestion on that roadway. Several connections can be implemented across the canal, alleviating congestion along 13400 South and improving connectivity between these two cities. Identified connections are shown in **Figure 42**. Note that the Real Vista Drive and Bruin View Drive connections have been identified in the list of TMP projects.



**FIGURE 41: Connectivity Opportunities**

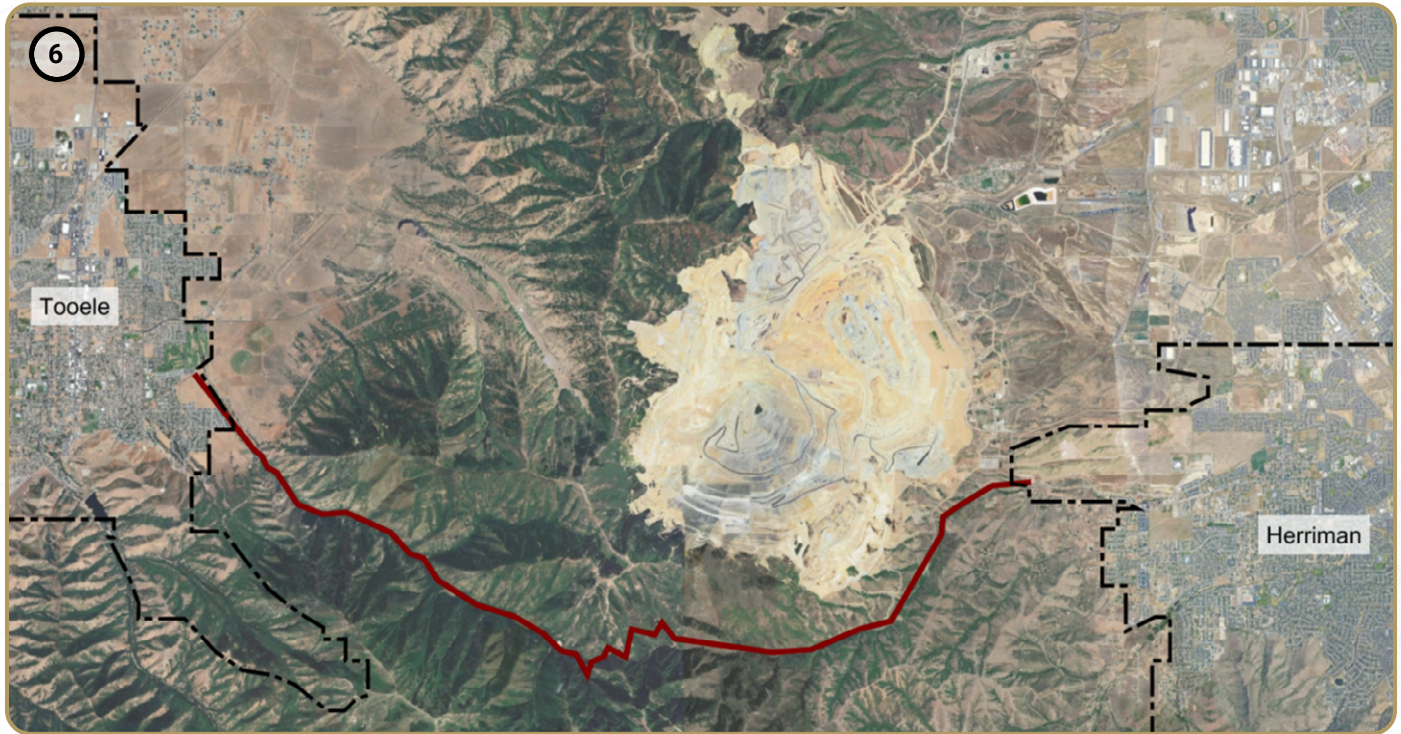


**FIGURE 42:** Connections Impeded by the Welby Jacobs Canal

- **Oquirrh Mountains**

- The Oquirrh Mountains are on the west side of Herriman. They provide a significant barrier between Herriman and Tooele. Currently, the only routes between these two cities are I-80 and SR-201, which requires drivers to travel north through Salt Lake City or Magna. A potential connection is shown in **Figure 43**.
- A previous feasibility study completed in 2017<sup>3</sup> for this project estimated the cost at **\$328,652,000**. The full cost estimate can be found in **Appendix D**.

Possible connections are summarized in **Table 11**.



**FIGURE 43: Connection Impeded by the Oquirrh Mountains**



<sup>3</sup> Oquirrh Connection Feasibility Study Report, AECOM, September 2017

**TABLE 11: CONNECTIVITY IMPEDIMENTS SUMMARY**

Project Number	Project Location	Improvement Description	Physical Impediment	Significant Destination	Cost Estimate	Funding Sources	Impediments to Construction
1	Rex Peak Way	Box Culvert/Bridge	Welby Jacobs Canal	13800 South	\$1,909,678	Herriman, Bluffdale	Cost, Regional Collaboration, Property Acquisition, Canal Crossing
2	Bruin View Drive	Box Culvert/Bridge		Mountain View Corridor, Future SLCC Campus	\$1,533,893	Herriman	Cost, Regional Collaboration, Canal Crossing
3	Real Vista Drive	Box Culvert/Bridge		I-15, Mountain View Corridor	\$2,807,410	Herriman, Bluffdale, WFRC, UDOT	Cost, Regional Collaboration, Canal Crossing
4	Active Transportation Connection	Bridge		Zions Bank Stadium, Future SLCC Campus	\$500,000*	Herriman, Bluffdale (Local)	Cost, Regional Collaboration, Canal Crossing
5	15000 South	Box Culvert/Bridge		Mountain View Corridor, Redwood Road	\$3,038,338	Herriman, Bluffdale, WFRC, UDOT	Cost, Regional Collaboration, Canal Crossing, Maintenance Building Acquisition
6	Butterfield Canyon	Tunnel/Roadway Improvement	Oquirrh Mountains	Tooele	\$328,652,000**	Herriman, Tooele, WFRC, UDOT, USDOT	Cost, Regional Collaboration, Construction through Mountains, Potential Tunnel

\*Cost estimate for Active Transportation Connection is a higher level estimate

\*\*Cost estimate from 2017 feasibility study

## H. Traffic Impact Studies

As the City continues to grow and develop, traffic-related impacts will need to be addressed. This can be accomplished by requiring future developments to complete a Traffic Impact Study (TIS). The TIS is an important document that informs City staff how a development will impact the traffic in the project area. The scope of a TIS is dependent on the size and type of new land uses proposed by a development, which determine the number of trips that will be generated by the project. Section 2.11 of the [Herriman City Standards and Specifications Manual](#) defines minimum requirements for TIS scope based on these characteristics.

The TIS should address items such as poor levels of service, access spacing, internal circulation, adjacent roadway impacts, and mitigation measures. A TIS should identify the improvements that could be made by the City for existing traffic issues and by the developers due to poor levels of service with the addition of project traffic. Developments that access UDOT roadways need to follow the UDOT TIS Guidelines.



## V. CAPITAL FACILITIES PLAN

As shown in Section II - Transportation Network, future growth due to new development requires Herriman to make improvements to their transportation network to provide residents with a safe and efficient transportation network and maintain an acceptable level of service. Specific intersection and roadway improvements are listed below in **Tables 12 and 13** and are shown below in **Figure 44**. The project number listed in the table is for identification only and is no indication of project prioritization. Each project cost estimate represents 2025 cost and is not adjusted for inflation; therefore, estimates will need to be regularly updated by the City as project scopes may change as development occurs. Only roadway improvements to arterials and collectors are identified as local roads are typically built by future development. Details for each project cost estimate can be found in the **Appendix C**.



**TABLE 12: CAPITAL FACILITIES PLAN ROADWAY PROJECTS**

Project Number	Description	Boundaries	Responsibility	Improvement Scope	# of Lanes		Estimated Cost
					Current	Proposed	
<b>PHASE 1 PROJECTS (2025 - 2034)</b>							
1-1	SR-111	11800 South to Herriman Boulevard	UDOT	New Roadway	-	5	\$54,600,000**
1-2	11800 South*	SR-111 to Outfitter Way	Herriman/South Jordan	Widening	2	5	\$2,088,556
1-3	11800 South*	Outfitter Way to Prosperity Road	Herriman	Widening	3	5	\$2,823,646
1-4	6400 West*	11800 South to Herriman Boulevard	Herriman	New Roadway	-	3	\$14,660,495
1-5	MVC	Old Bingham Highway to Porter Rockwell Boulevard	UDOT	Widening	4	Freeway	\$490,000,000**
1-6	11800 South*	Mountain View Corridor to Oakmond Road	Herriman/South Jordan	Widening	3	5	\$4,600,678
1-7	New Roadway	SR-111 to Dansie Oaks Boulevard	Developer	New Roadway	-	2	\$3,853,064
1-8	Herriman Boulevard	7600 West to SR-111	Herriman	New Roadway	-	3	\$6,360,499
1-9	Herriman Boulevard	SR-111 to Clipper Peak Drive	UDOT	New Roadway	-	5	\$14,399,361
1-10	Herriman Boulevard*	6400 West to 6000 West	WFRC/Herriman	Widening	2	5	\$4,827,515
1-11	6000 West*	Herriman Boulevard to Silver Sky Drive	WFRC/Herriman	Widening	2	3	\$6,585,905
1-12	12600 South	Herriman Main Street to Riverton	UDOT	Widening	4	7	\$2,469,288
1-13	7600 West	Herriman Boulevard to Olympia Boulevard	Developer	New Roadway	-	2	\$6,119,902
1-14	Olympia Boulevard	7600 West to existing Olympia Boulevard	Herriman	New Roadway	-	3	\$12,885,077
1-15	Silver Sky Drive	Olympia Boulevard to 7300 West	Developer	New Roadway	-	2	\$18,144,035
1-16	7300 West	Herriman Boulevard to Herriman Main Street	Herriman	New Roadway	-	3	\$15,466,014
1-17	Silver Sky Drive	7300 West to existing Silver Sky Drive	Developer	New Roadway	-	2	\$4,258,416
1-18	New Roadway	Olympia Boulevard to Silver Sky Drive	Developer	New Roadway	-	2	\$1,863,029
1-19	Dansie Oaks Boulevard	Herriman Boulevard to Silver Sky Drive	Developer	New Roadway	-	2	\$7,373,225
1-20	Silver Sky Drive	Twisted Oaks Drive to 6400 West	Developer	New Roadway	-	3	\$4,602,521
1-21	Silver Sky Drive*	6400 West to Starlite Hill Lane	Herriman	New Roadway	-	3	\$3,457,037
1-22	6000 West*	Silver Sky Drive to Herriman Main Street	WFRC/Herriman	Widening	2	3	\$4,218,001
1-23	7600 West	Silver Sky Drive to Herriman Main Street	Developer	New Roadway	-	2	\$3,316,846
1-24	Herriman Main Street*	Herriman border to 7300 West	WFRC/Herriman	Widening	2	3	\$12,799,590
1-25	13400 South*	Split Oak Drive* to Rose Canyon Road	WFRC/Herriman	Widening	2	3	\$4,277,111
1-26	Rose Canyon Road*	Herriman Main Street to 13400 South	Herriman	Widening	2	3	\$3,734,299
1-27	13400 South*	Rose Canyon Road to Rosecrest Road	WFRC/Herriman	Widening	3	5	\$11,203,831
1-28	Blayde Drive*	13400 South to existing Blayde Drive	Developer	New Roadway	-	2	\$2,526,561
1-29	Rose Canyon Road*	Maria Way to 6400 West	Herriman	Widening	2	3	\$1,698,080
1-30	Real Vista Drive*	SLCC access to 14400 South (Bluffdale)	Herriman	New Roadway	-	3	\$2,807,410
1-31	Juniper Crest Road	Existing Juniper Crest Road to Panorama View Drive	Herriman	New Roadway	-	3	\$1,371,124
1-32	Juniper Crest Road	Panorama View Drive to Mountain View Corridor	Herriman	New Roadway	-	5	\$6,471,809
1-33	Panorama View Drive	Juniper Crest Road to Academy Parkway	Herriman	New Roadway	-	3	\$16,392,616
1-34	Academy Parkway	Panorama View Drive to Mountain View Corridor	Herriman	New Roadway	-	5	\$1,907,280
1-35	Soleil Hills Drive	Academy Parkway to Soleil Vista Drive	Herriman	New Roadway	-	3	\$19,355,373
1-36	Soleil Vista Drive	Mountain View Corridor to Soleil Hills Drive	Herriman	New Roadway	-	3	\$6,790,856
1-37	Soleil Hills Drive	Soleil Vista Drive to Porter Rockwell Boulevard	Herriman	New Roadway	-	3	\$8,096,822
1-38	McDougall Road*	Existing McDougall Road to Mortimer Way	Herriman	New Roadway	-	2	\$3,696,286

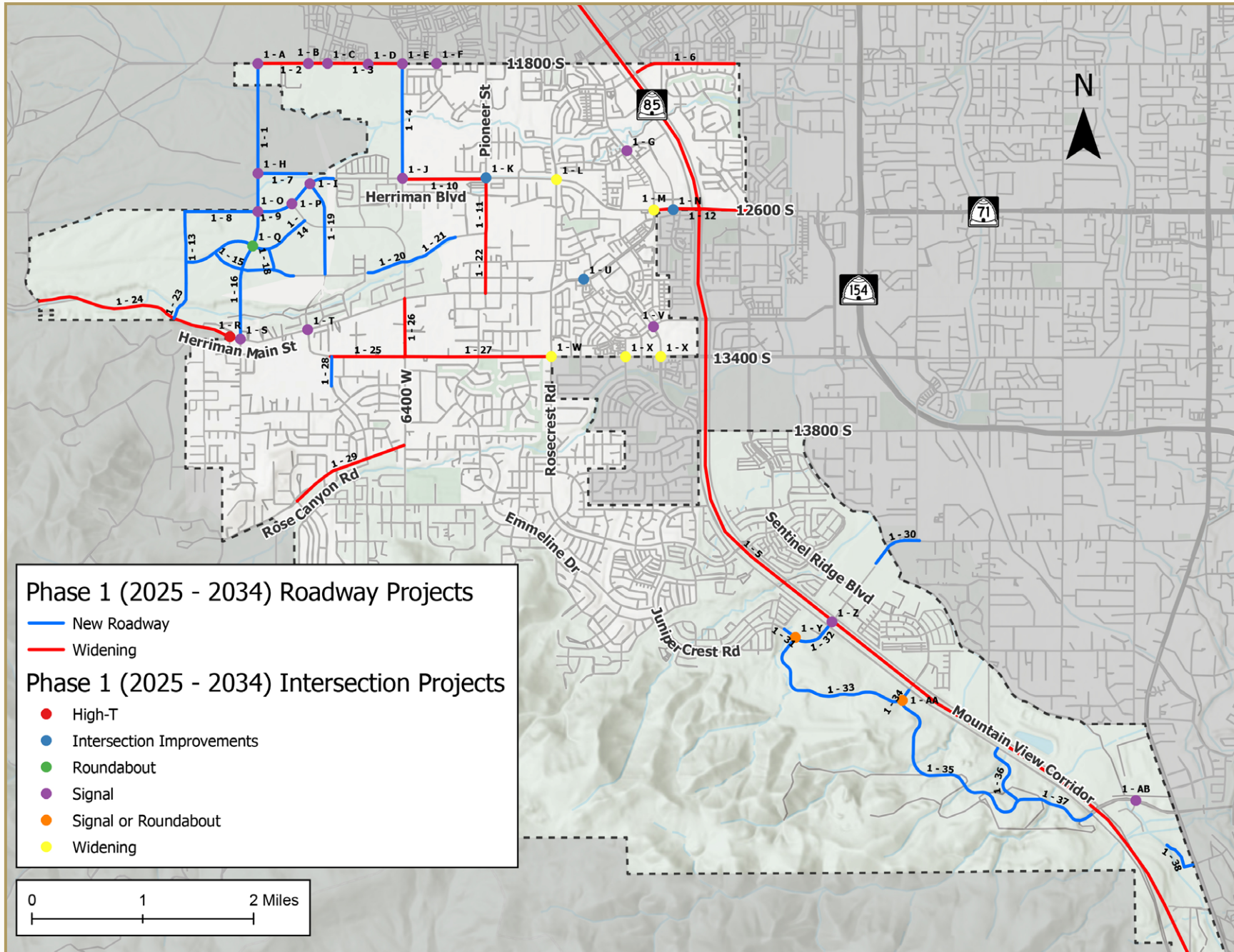
\* Impact Fee Eligible Project

\*\* Cost estimates are from WFRC or UDOT for entire project (including segments outside of Herriman) and not included in the appendix

**TABLE 13: CAPITAL FACILITIES PLAN INTERSECTION PROJECTS**

Project Number	Description	Location	Responsibility	Improvement Scope	Estimated Cost
<b>PHASE 1 PROJECTS (2025 - 2034)</b>					
1-A	Signal	SR-111 / 11800 South	UDOT	Dual lefts (EB/WB), right turn pockets (SB/NB)	\$567,602
1-B	Signal*	Bingham Rim Road / 11800 South	Herriman / South Jordan	Left and right turn pockets	\$567,602
1-C	Signal*	Silver Pond Drive / 11800 South	Herriman / South Jordan	Left and right turn pockets	\$567,602
1-D	Signal*	Flying Fish Drive / 11800 South	Herriman / South Jordan	Signal only	\$567,602
1-E	Signal*	Prosperity Road / 11800 South	Herriman / South Jordan	Left and right turn pockets	\$569,677
1-F	Signal*	Willow Walk Drive / 11800 South	Herriman / South Jordan	Signal only	\$567,602
1-G	Signal*	Miller Crossing Drive / 12560 South	Herriman	Signal only	\$541,095
1-H	Signal*	SR-111 / New Roadway	UDOT / Herriman / South Jordan	Signal only	\$567,602
1-I	Signal	Dansie Boulevard / Herriman Boulevard	Herriman	Left and right turn pockets	\$525,074
1-J	Signal*	6400 West / Herriman Boulevard	Herriman	Left and right turn pockets	\$554,464
1-K	Intersection Improvements	Mustang Trail Way / Herriman Boulevard	Herriman	EB/WB Dual LT	\$1,405,860
1-L	Widening	Anthem Park Boulevard / Herriman Boulevard	Herriman	EB/WB dual left, EB/WB right-turn lanes	\$1,640,804
1-M	Widening	Herriman Boulevard / Herriman Main Street	Herriman	Free NBR and WBL dual lefts	\$1,187,998
1-N	Intersection Improvements*	Auto Road / 12600 South	Herriman	Three quarter intersection (limited lefts from minor roads)	\$71,073
1-O	Signal	SR-111 / Herriman Boulevard	UDOT	Left turn lane (all), right turn lane (EB/WB)	\$589,254
1-P	Signal	Herriman Boulevard / Olympia Boulevard	UDOT	New	\$577,532
1-Q	Roundabout (Olympia)	7300 West / Olympia Boulevard	Developer	New	\$1,445,000
1-R	High-T*	Hi Country Road / Herriman Main Street	Herriman	High-T Intersection	\$1,730,471
1-S	Signal*	7300 West / Herriman Main Street	Herriman	Left and right turn pockets	\$416,869
1-T	Signal*	13400 South / Herriman Main Street	Herriman	Left turn pockets (all), right turn pockets (EB)	\$497,385
1-U	Intersection Improvements*	Herriman Rose Boulevard / Herriman Main Street	Herriman	Access Management Improvements	\$336,346
1-V	Signal*	Herriman Rose Boulevard / Fort Herriman Parkway	Herriman	Signal only	\$547,347
1-W	Widening*	Rosecrest Road / 13400 South	Herriman	SB/WB dual lefts	\$1,756,479
1-X	Widening*	5200 West / 13400 South & Fort Herriman Parkway / 13400 South	WFRC / Herriman / Riverton	Right turn pockets	\$1,793,980
1-Y	Signal or Roundabout*	Juniper Crest Road / Soleil Hills Drive	Herriman	Left and right turn pockets or hybrid roundabout	\$529,670
1-Z	Signal*	Real Vista Drive / Mountain View Corridor	UDOT	Left and right turn pockets	\$3,469,050
1-AA	Signal or Roundabout*	Academy Parkway / Soleil Hills Drive	Herriman	Left and right turn pockets or hybrid roundabout	\$529,670
1-AB	Signal	Porter Rockwell Boulevard / Rockwell Park Lane	UDOT	Left and right turn pockets	\$568,656

\* Impact Fee Eligible Project



**FIGURE 44: Future Projects – Capital Facilities Plan**

# VI. CONCLUSIONS & IMPLEMENTATION

## A. Overview

The purpose of the Herriman TMP is to assess the current transportation conditions of Herriman City and plan for future transportation needs. The following tasks were completed as part of this TMP:

- Previous studies were reviewed to establish the vision and goals.
- Traffic data was analyzed to establish existing conditions in Herriman.
- Street functional classifications were updated.
- Future traffic volumes were developed for future planning years 2035 and 2050 based on anticipated land use.
- A list of needed future roadway and intersection projects was created.
- Transit and active transportation plans were identified.
  - The Fresh Look Study should take precedence if there are any contradictions with this TMP.
- A safety analysis was performed.
- Traffic calming measures acceptable for Herriman City roadways were identified.
- Access management and traffic impact study standards were reviewed.
- Connectivity opportunities for both roadway and active transportation connections were identified.
  - This includes smaller connections within the City, as well as connections with larger barriers such as the Welby Jacobs Canal, as per the requirements of S.B. 195.
- Public input was received via an online survey and public outreach at Herriman Towne Days.
- An [ArcGIS Online Story Map](#) was created summarizing the analysis performed in this TMP.

## B. Next Steps

This TMP provides several recommendations for Herriman City staff to implement in the coming months and years. Recommendations for Herriman City include the following:

- Continue to monitor and collect traffic data to inform transportation planning decisions.
- Work to get funding for projects that are not currently funded.
- Work with UTA to provide guidance on the implementation of the Five-year service plan.
- Follow the recommendations outlined in the Fresh Look Study once it is completed.
- Continue to build out the active transportation network per the City's ATP.
- Continue to monitor crash trends to find discernible patterns.
- Implement the identified safety projects, as well as traffic calming measures as appropriate.
- Work with Providence Hall in securing grants to help fund a grade separated crossing along Patriot Ridge Drive.
- Ensure new developments adhere to the City's access management and traffic impact study standards.
- Improve street connectivity by minimizing the use of cul-de-sacs and connecting stub roads with infill developments.
- Place special emphasis on the connections impeded by the Welby Jacobs Canal and Oquirrh Mountains.

# VII. APPENDICES

**Appendix A** – Online Survey Comments and Responses

**Appendix B** – Cost Estimates

**Appendix C** – WFRC Safety Action Plan Projects for Herriman

**Appendix D** – Cost Estimate from Oquirrh Connection Feasibility Study

# Appendix A — Online Survey Comments and Responses

Location	Provide us with your comment regarding transportation issues and opportunities in Herriman.	Response
	Double lane roundabout here would be super ideal!! Less congestion, ease of flow to schools and work and less waiting at another signal on 12600	While a specific identification was not identified, roundabouts can help to reduce congestion and improve safety on the roadway.
Rosecrest Road east of Mountain View Corridor	Cars fly up and down this road hot riding and causing a lot of noise for residence and are definitely going over the speed limit at all hours of the day and night. There is a school crosswalk where there has been issues with injuries and cars. We need something to regulate the speed up and down that road.	Raised crosswalks, roundabouts, traffic circles and other traffic calming measures are discussed in the TMP. While no severe crashes have occurred in the study period, a raised intersection at this crosswalk is a good idea.
Copeland Drive / Fort Herriman Parkway	People blow through this intersection and speed through it. I've seen so many accidents here	
	I think making this a raised intersection with clearly delineated raised crosswalks would help slow cars down and increase pedestrian safety.	
	This intersection is a bit dangerous for pedestrians. A lighted crosswalk would be good to install here.	
Birkin Wood Lane / Fort Herriman Parkway	Turn this into a raised intersection with clearly delineated raised crosswalks. It would help slow cars down and increase pedestrian safety.	
5200 West / Herriman Rose Boulevard	At this intersection, I think it would be useful to install a mini roundabout - just 1 lane. There is a park and playground literally right next to this intersection, and it is dangerous for children to be playing at the park while cars are speeding by. Having a mini roundabout at this intersection would force cars to slow down, which would make it safer for kids as they play. Also, having a mini roundabout at this intersection would help convey to drivers that they are entering an area where they need to drive slower (since this road is seeing increased traffic now since the road has now been connected to Mtn View Corridor). A mini roundabout would also make it safer for pedestrians as they try to cross the street from the neighborhood towards the shops that are to the south and southeast.	
Landsdowne Street / Herriman Main Street	This crossing is unsafe. There have been multiple crashes and near misses at this intersection due to the geometry and speed. Reducing the speed to 30 mph and installing a raised crosswalk would improve safety.	
Fort Herriman Parkway / Herriman Main Street	This crossing is unsafe. There have been multiple crashes and near misses at this intersection due to the road geometry and speed. Reducing the speed limit on Main Street to 30 mph and installing a raised crosswalk would improve safety.	
Black Locust Way / Herriman Main Street	This crossing is unsafe. There have been multiple crashes and near misses at this intersection due to the road geometry and speed. Reducing the speed limit on Main Street to 30 mph and installing a raised crosswalk would improve safety.	
Rockwell Peak Lane / Porter Rockwell Boulevard	A traffic light at Rockwell Peak Ln and Porter Rockwell Blvd is needed. It is impossible to turn left onto Porter Rockwell when there is any amount of traffic because people speed down Porter Rockwell in both directions. Also traffic from the light at Redwood and Porter Rockwell backs up so much that it completely blocks the intersection.	Refer to project 1-AA in the TMP.
Sigmon Lane / Croyden Lane	This is where a trail head starts and the fences block the view of vehicles and trail goers. This intersection needs a stop sign on each corner as well to keep the trail goers and kids safe.	An all-way stop sign can only be installed if MUTCD warrants are met.
11800 South east of Mountain View Corridor	Make 118th intersection wider or will there be plans to make it go above or below MVC	Refer to project 1-6 in the TMP. There are also plans to convert MVC to a freeway.
Butterfield Canyon Trailhead	Make the Butterfield canyon to middle canyon in Tooele road an actual road and tunnel.	This project is identified in the Senate Bill 195 section of the TMP. Note that this project will be very expensive.
Parcel between 5200 West and Towne Market Place	Opening up road access to these businesses on the north side will improve connectivity and access here.	Connectivity and adding accesses to this development will make it easier to enter this development. Connectivity should be considered as the north parcel develops.
Meadowside Drive / Herriman Rose Boulevard	Lots of people like to stop and take pictures of the Up House and cross back and forth on this street. It would be good if the city would provide a designated picture-taking spot on the park side of the street so people will be encouraged to take pictures on the sidewalk rather than the road.	There have been no crashes reported at this location during the study period. Raised crosswalks and other traffic calming measures discussed in the TMP can be implemented at this location.
Bobcat Drive	Bobcat Drive should be reconnected to Herriman Main St so that all the people in this neighborhood don't have to use 12600 S and Western Hills Dr. to exit their neighborhood. When this road closed a couple years ago it drastically worsened traffic flow at 12600 S and Western Hills Dr.	Bobcat Drive was intended to be a temporary road until Berry Creek Drive was completed. Now that Berry Creek Drive is open, Bobcat Drive can be closed.
Emmeline Drive / Mirabella Drive	The curve makes it difficult for pedestrians crossing Mirabella towards the park to see traffic, and for traffic to see them. Maybe add a flashing light for the crosswalk.	Raised crosswalks and other traffic calming measures discussed in the TMP can be implemented at this location. A Rectangular Rapid Flashing Beacon (RRFB) can also be considered.
Rosecrest Road west of Mountain View Corridor	Seems that we have this road closed during snow storms with significant crashes. Something needs to be done to either the pitch of the road or better ways to melt the snow so cars don't keep sliding off here.	While not explicitly discussed in the TMP, the city has been made aware of the these issues and will incorporate them into their maintenance plan.

Location	Provide us with your comment regarding transportation issues and opportunities in Herriman.	Response
Towne Market Place / Herriman Rose Boulevard	We need actual painted crosswalks going in all 4 directions at this intersection. Right now there is no crosswalk to facilitate residents living in the neighborhood to walk across the street towards Walmart.	Additional study should be done before a crosswalk is implemented at this location. An alternative location for a crosswalk on Herriman Rose Boulevard is at 5200 West
Lot south of 13200 South and west of Mountain View Corridor	I know a Target is going into this area, but what about a TRAX station too?!?! This is the perfect place to put a TRAX station so that Herriman can be connected to the TRAX network. Please prioritize public transportation!	Plans for TRAX stations in Herriman will be addressed in the Fresh Look Transit Study.
Herriman Boulevard east of Anthem Park Boulevard	This land has too high of lead levels for housing and is an impractical commercial plot. Trax is going to have to eventually go further west and 12600 S with a stop here might be a good option. You should preserve this land until then. Also it is nice that we have a bus line, but work with UTA to increase it to at least every 30 min. An hour is too impractical for most people.	Plans for TRAX stations in Herriman will be addressed in the Fresh Look Transit Study.
13400 South east of Fort Herriman Parkway	<p>"I know there is a new bus route that goes from Draper through Herriman all the way to Daybreak. I think that bus route was not planned out very well. I highly support public transportation, but we need public transportation that people will actually use.</p> <p>I think there needs to be a LOCAL bus route that goes between all the major places that people actually want to go around Herriman: the Smiths or the Ace Hardware on 13400 S, the Walmart Neighborhood Market on 13400 S, the new Target that will be built, and also over to Riverton's Mountain View Village. If you have a bus route that connects these major local destinations and also hits a few spots within the neighborhoods for pick-up and drop-off, I believe you will actually see people take the bus."</p>	Local bus routes are determined by UTA. Herriman City will continue to coordinate with UTA to identify locations for future transit stops and routes.
Black Locust Way / Fort Herriman Parkway	Turn this into a 1-lane roundabout.	Roundabouts can slow vehicles and improve safety. There have been no crashes at this intersection during the study period. However, a roundabout can be considered as funding becomes available.
Herriman Main Street east of Reosecrest Road	The light from the sign at this building is blinding at night.	While not explicitly discussed in the TMP, the city has been made aware of the this issue.
13400 South	<p>"Hello,</p> <p>I am unable to make the meeting on the 13th about the transportation plan. I would like to say that the existing bike route on 134 needs to be maintained. Further it should be extended to meet the route on the other side of MV to meet the Riverton effort. Individuals, groups and teams use this route for various social, community and training activity.</p> <p>Moving forward, any capital expenditure on our roads should have a bike lane component. More and more people are riding, or on e bikes and need safe passage through our town. "</p>	While pavement marking quality is not explicitly discussed in the TMP, the city has been made aware of these issues and will incorporate them into their maintenance plan. Regarding future roadways, the cross sections in this TMP include bike lanes on all roadways except for the Local and Minor Local roadways. Additionally, future bike lanes have also been identified in the Active Transportation section of the TMP.
13400 South west of Moorfield Road	The bike lane on the EB side has faded markings and no signage. As a result, many drivers don't realize it's a bike lane, and will park in it, forcing cyclists into traffic.	
Lower Meadow Drive / Sentinel Ridge Boulevard	<p>The turn lane at this intersection has double yellow lines. I repeatedly can't go south on Sentinel and turn left onto lower meadow due to wrong way traffic cars AND buses sitting in the turn lane having crossed the double yellow lines and camp out waiting to turn into the back lot of the high school. Morning, lunch hours, end of school and school events. The yellow reflectors by the seminary building should be out here to prohibit the blocking of traffic. I know for a fact the city has over 674 hours of drone footage from this very intersection (I talked to the drone flyer) the school says the city the city says the police the police say UDOT. It ridiculous</p> <p>There needs to be a traffic light here. During the school year this intersection is super dangerous for cars trying to turn out of the neighborhoods onto Sentinel Ridge. There have been multiple accidents at this intersection in the last year alone.</p>	There are plans to widen Sentinel Ridge Boulevard south of this intersection (see project 2-10). Signals must meet MUTCD warrants to be installed.
Rosecest Road south of 13680 South	The road quality here is absolutely horrible and could use rework rather than patching over the same hole 5 times. The road from the park going north to CVS needs to be properly replaced. Not repaired, replaced.	While roadway pavement quality is not explicitly discussed in the TMP, the city has been made aware of the these issues and will incorporate them into their maintenance plan.
Olympia deveopment	For Olympia consider using traffic circles for minor intersections, should have a similar footprint to a 4-way stop	Both roundabouts and signals are planned in the Olympia development (see projects 1-N, 1-O, 1-P, and 2-A).
12600 South / Mountain View Corridor	Increase the green time for east and westbound vehicles	Mountain View Corridor will be converted to a freeway. When this happens, it will be easier to continue east into Bluffdale.
Miller Crossing Drive / Herriman Main Street	This intersection is getting busier and busier now that it extends to Mountain View and all those businesses going in. I asked the city and they said a traffic light is in the plans but doesn't seem like a priority and may take two years. I hope you would consider doing it sooner to make it safer to cross for both cars and pedestrians.	A traffic signal is planned at this intersection (See project 1-G).
Miller Crossing Drive	Miller crossing drive should not have a center lane in front of the homes facing the street. so many cars park in this section that it forces car driving thru to enter the center lane partly. This creates un safe conditions. The center lane should be removed thru this area that has homes facing the street so clear traffic lines can give safer driving and parking.	Miller Crossing Drive is identified as a Minor Collector Roadway (2-3 Lanes).

Location	Provide us with your comment regarding transportation issues and opportunities in Herriman.	Response
Summit Crest Lane	Summit Crest road is too busy. Is this road meant to be a major connector from 7300 W to Rose Canyon Rd? I know there is construction happening in the area around here but there is local people who use it for there motorcycles, bike riders, razors, etc. going up to Yellow Fork, dropping kids off to activities, or school. If you have a pet or small children, it is not a safe road. The road is not wide enough for two cars to park on either side of the road and have vehicles pass each other going in different directions. When in the connector for 7300 W going to get built? 7300 W connector is needed. Summit Crest Rd. is supposed to be a residential road, it is way to busy.	Summit Crest Road is identified as a Local Roadway. 7300 West is a Minor Collector. The connection between 7300 West to Rose Canyon Road is identified as a Phase 2 project (see project 2-7).
Hi County Road / Herriman Main Street	Please put a dead end here, and then add a round about a little farther down where the other one is currently. Once 7300 goes across there will be accidents and/or a fatality here as people never stop at the stop sign. It is also very very hard to see traffic coming east bound on Herriman Hwy here.	This location has been identified as a safety concern. H Country Road will be stubbed and the intersection to the west will be converted to a High T intersection (see project 1-Q).
Rosecrest Road / Mountain View Corridor	There is racing up and down Mountain View corridor, every night. Motorcycles and cars alike.	Mountain View Corridor will be converted to a freeway. Access along Mountain View Corridor will be restricted.
Rosecrest Road west of Mountain View Corridor	This intersection is impossible to travel north and south during rush hours. Could stop signs be put in place?	Stop signs must meet MUTCD warrants to be installed.
Rosecrest Road / 13400 South	This intersection is very busy at most hours of the day, and the left turn southbound from Rosecrest Rd onto eastbound 13400 S doesn't seem to be long enough for all cars to get through. The backup of cars at this intersection also makes it nearly impossible to left turn into and out of businesses on both sides. A raised median might be needed on Rosecrest Rd directly north of the intersection to force people to make right turns and promote better traffic flow and safety.	There are plans to widen this intersection, including dual southbound and westbound left turn lanes (see project 1-V).
Rocky Point Drive / Rosecrest Road	I agree with the city that this four-way stop is actually dangerous because of the rear-end accidents. I think this stop should be removed and replaced with a raised crosswalk or a roundabout. This will force traffic to slow for crossing pedestrians without completely stopping it.	A traffic signal or roundabout is planned for this intersection (see project 2-C).
Western Hills Drive / 12600 South	In the near future, this intersection is going to become a major traffic flow bottleneck for 12600 S if it is turned into a traffic light. My suggestion is to extend the median across this intersection and turn this into a right-in right-out situation where crossing directly isn't allowed. This will promote better traffic flow and safety here. If that is combined with reopening Bobcat Dr, that will be especially helpful to local residents.	There are plans to restrict access to the side streets at this intersection (see project 1-M).
Herriman Main Street / 12600 South	This intersection should be improved to better prioritize left turns from Westbound 12600 S onto Herriman Main St. Widening it to two left turn lanes and providing a bit more green time for that left turn will help significantly.	There are plans to implement dual westbound left turn lanes and a free northbound right turn lane at this intersection. Long term this will be an innovative intersection (see projects 1-L and 3-B).
13400 South west of Mountain Viwe Corridor	The lanes are too narrow and curvy on this section of 13400 S, which makes it more risky to drive. It also lacks a shoulder, which doesn't help. This part of 13400 S should be widened with real shoulders, bike lanes, and better lane alignment.	There are plans to widen the intersections east of this location (see project 1-W).
River Chase Road / Juniper Crest Road	This intersection of Ambermont and Juniper Crest has become very dangerous. Car come up and down Juniper at both high rates of speed as well as in larger volumes with the growth between here and Mountain View. This will only get worse when the road is completed to connect to mountain view. I see kids going across here as well to the charter schools and very scary to watch them cross. can we please consider a light at this intersection to make it so residents can get out of their neighborhoods during peak times.	Signals must meet MUTCD warrants to be installed.
Real Vista Drive	Will this ever connect into Bluffdale?	Refer to projects 1-29 and 3-1 in the TMP.
Rosecrest Road / 13400 South	Rosecrest Rd needs to be widened N of this intersection with 1-2 dedicated left-turn lanes and a raised merridian. Turns from S-Bound Rosecrest into the Smith's parking lot should be from a dedicated lane. There should be an exit from the SE corner of the Smith's parking lot with a light so that vehicles can exist onto 134th eastbound without affecting this intersection.	There are plans to widen the intersection south of this location, including dual southbound and westbound left turn lanes (see project 1-V).
Summit Crest Lane	<p>"Summit Crest lane, needs to be closed off as a through street immediately!!</p> <p>This is a small residential neighborhood not a race track for drifting cars, motocross or excessive speeds of 55 mph. We can't pull out of our own driveways safely without impatient drivers swerving around us on this narrow street.</p> <p>It's dangerous and sad I don't feel comfortable letting my 9 year old out to ride her bike on the sidewalk. The street is too narrow and parking is tight so many home owners park on the side of streets. Our personal vehicles have been hit numerous times and our trees have been taken out and hit by cars.</p> <p>Something needs to happen here so please take my concern seriously.</p>	Summit Crest Road is identified as a Local Roadway. 7300 West is a Minor Collector. The connection between 7300 West to Rose Canyon Road is identified as a Phase 2 project (see project 2-7).
Hi County Road / Herriman Main Street	This intersection could use a 2 lane round-about when 7300 W is completed. There are several near misses daily with vehicles not fully stopping and vehicles speeding east bound on herriman main street.	There are plans to implement a signal at this intersections with left and right turn pockets (see project 1-R).
Dansie Boulevard / Herriman Main Street	A light or roundabout here would be helpful to avoid the near misses from speeding east bound and west bound traffic.	There are plans to implement a signal at this intersections with left and right turn pockets (see project 1-S).

Location	Provide us with your comment regarding transportation issues and opportunities in Herriman.	Response
13400 South east of Sentinel Ridge Boulevard	With 13400 being a major road for Herriman residents, and it being busy in the morning and the evening has it been brought up to try the flex lanes like Taylorsville did on 5400. Seems to help the flow in the mornings and evenings, and could really help the area. It could also work on 12600 as well.	There are plans to widen 13400 South (see project 2-6).
Herriman Main Street / 12600 South	This intersection should be replaced with a large 2-lane roundabout. This would better facilitate left turns and it would make traffic flow much more easily. I see so many cars run the red light at this intersection.	There are plans to implement dual westbound left turn lanes and a free northbound right turn lane at this intersection. Long term this will be an innovative intersection (see projects 1-L and 3-B).
Western Hills Drive / 12600 South	As it currently stands, this intersection is absolutely horribly placed. This intersection should be combined with the intersection just directly west of it (Main St and 12600 S) into a 2-lane peanut-shaped roundabout. This would allow traffic to VERY easily navigate the various turns that are available to drivers here, and would increase safety for all.	There are plans to restrict access to the side streets at this intersection (see project 1-M).
Juniper Crest Road	Please expedite the completion of this road to Mountain View Corridor. 1.) We need another road out of this area for emergencies, 2.) Rosecrest Rd becomes a bottleneck during rush hour, 3.) It takes 10+ minutes just to get to the other side of Mountain View from this area (ie Lee's Marketplace) when it could take 1-2 minutes, which would help these businesses.	Refer to projects 1-30 and 1-31 in the TMP.
Fort Herriman Parkway / Herriman Rose Boulevard	PLEASE PLEASE PLEASE turn this intersection into a roundabout!!! I have seen so many cars completely ignore the stop sign that currently exists. This would likely also occur if a traffic signal were in place. Also, the increased traffic from the new Target will only cause this to occur even more. A roundabout would be absolutely perfect at this intersection. The intersection is already big enough for a roundabout - whether it be a 1 lane roundabout or a 2 lane roundabout, it is big enough. Cars are forced to slow down as they navigate a roundabout. It would be excellent for pedestrian safety. PLEASE turn this intersection into a roundabout!!!	There are plans to install a signal at this intersection (see project 1-U).
Fort Herriman Parkway / Herriman Rose Boulevard	This four-way stop is busy enough now that it ought to be either a traffic light or a roundabout. This will also make it safer for pedestrians to cross.	
Herriman Rose Boulevard / Herriman Main Street	This crossing is unsafe. There have been multiple crashes and near misses at this intersection due to the geometry and speed. Reducing the speed on Main Street to 30 mph and installing a raised crosswalk would improve safety.	
Herriman Rose Boulevard / Herriman Main Street	This intersection needs to be replaced with a roundabout. A 1-lane roundabout would suffice. It doesn't need a large 2-lane roundabout. This would be excellent for pedestrian safety and allow residents to cross the street easily (and more safely) from the neighborhood towards the library and rec center. The current pedestrian crossing is dangerous.	There are plans to manage accesses at this intersection (see project 1-T).
Pioneer Street / Herriman Main Street	Bike lanes here are narrow, adjusting the lane widths might help with that	Main Street at this location is identified as a Major Collector roadway which have 6' bike lanes.
Herriman Main Street west of Hi Country Road	There are a lot of cyclists on this stretch of Herriman Highway with barely any room on the side of the road to ride their bikes. It feels dangerous for the motorist and the cyclist to be using this narrow winding road with bad visibility and minimal passing space.	There are plans to widen this roadway (see project 1-23).

# Appendix B — Cost Estimates

**ENGINEER'S ESTIMATE (2025 COSTS)**  
11800 South widening from SR-111 to Outfitter Way (Project 1-2)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$103,300.00
Public Information Services	1	lump	1.00%	\$10,900.00
Traffic Control	1	lump	2.00%	\$21,800.00
Survey	1	lump	2.00%	\$21,800.00
				<b>\$157,800.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	3,208	cu yd	\$ 30.00	\$96,250.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	3,489	Ton	\$ 75.00	\$261,679.69
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,444	Ton	\$ 135.00	\$194,906.25
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1	1,650	ft	\$ 42.00	\$69,300.00
Perpendicular/Parallel Pedestrian Access Ramp	10	Each	\$ 4,300.00	\$43,000.00
Concrete Sidewalk	9,900	sq ft	\$ 11.00	\$108,900.00
				<b>\$787,635.94</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	944	ft	\$ 175.00	\$165,200.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	6	Each	\$ 6,000.00	\$36,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	6	Each	\$ 3,000.00	\$18,000.00
				<b>\$219,200.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
		lump	\$225,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
Street Lighting (spaced every 150')	5.5	Each	\$9,000.00	\$49,500.00
				<b>\$64,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$15,000.00	\$15,000.00
				<b>\$15,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Midas Creek Crossing (Assume box culvert will be sufficient)	1	Lump		\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 1,244,135.94**  
**Contingency (20%) \$ 248,827.19**  
**BID ITEMS TOTAL \$ 1,492,963.13**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	16,500	sq ft	\$15.00	\$247,500.00
Assuming 5' wide construction easement required for length of project	8,250	sq ft	\$6.00	\$49,500.00
				<b>\$297,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$149,296.31	\$149,296.31
				<b>\$149,296.31</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$149,296.31	\$149,296.31
				<b>\$149,296.31</b>

**BID ITEMS TOTAL \$ 1,492,963.13**  
**NON-BID ITEMS TOTAL \$ 595,592.63**  
**GRAND TOTAL \$ 2,088,555.75**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**11800 South widening from Outfitter Way to Prosperity Road (Project 1-3)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$132,100.00
Public Information Services	1	lump	1.00%	\$14,000.00
Traffic Control	1	lump	2.00%	\$27,900.00
Survey	1	lump	2.00%	\$27,900.00
				<b>\$201,900.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	4,097	cu yd	\$ 30.00	\$122,916.67
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	4,456	Ton	\$ 75.00	\$334,179.69
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,844	Ton	\$ 135.00	\$248,906.25
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1	2,950	ft	\$ 42.00	\$123,900.00
Perpendicular/Parallel Pedestrian Access Ramp	8	Each	\$ 4,300.00	\$34,400.00
Concrete Sidewalk	17,700	sq ft	\$ 11.00	\$194,700.00
				<b>\$1,072,602.60</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	843.5	ft	\$ 175.00	\$147,612.50
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	5	Each	\$ 6,000.00	\$30,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	5	Each	\$ 3,000.00	\$15,000.00
				<b>\$192,612.50</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
		lump	\$225,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
Street Lighting (spaced every 150')	10	Each	\$9,000.00	\$90,000.00
				<b>\$105,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Midas Creek Crossing (Assume box culvert will be sufficient)	1	Lump		\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 1,592,115.10**  
**Contingency (20%) \$ 318,423.02**  
**BID ITEMS TOTAL \$ 1,910,538.13**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	29,500	sq ft	\$15.00	\$442,500.00
Assuming 5' wide construction easement required for length of project	14,750	sq ft	\$6.00	\$88,500.00
				<b>\$531,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$191,053.81	\$191,053.81
				<b>\$191,053.81</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$191,053.81	\$191,053.81
				<b>\$191,053.81</b>

**BID ITEMS TOTAL \$ 1,910,538.13**  
**NON-BID ITEMS TOTAL \$ 913,107.63**  
**GRAND TOTAL \$ 2,823,645.75**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
6400 West new construction from 11800 South to Herriman Boulevard (Project 1-4)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$488,900.00
Public Information Services	1	lump	1.00%	\$51,500.00
Traffic Control	1	lump	1.00%	\$51,500.00
Survey	1	lump	1.00%	\$51,500.00
				<b>\$643,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	9,759	cu yd	\$ 30.00	\$292,777.78
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	17,512	Ton	\$ 75.00	\$1,313,382.81
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	9,239	Ton	\$ 135.00	\$1,247,260.78
Pavement Marking Paint	153	gal	\$ 100.00	\$15,256.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1	10,540	ft	\$ 42.00	\$442,680.00
Perpendicular/Parallel Pedestrian Access Ramp	3	Each	\$ 4,300.00	\$12,900.00
Concrete Sidewalk	52,700	sq ft	\$ 11.00	\$579,700.00
				<b>\$3,907,557.37</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	3013	ft	\$ 175.00	\$527,275.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	18	Each	\$ 6,000.00	\$108,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	18	Each	\$ 3,000.00	\$54,000.00
				<b>\$689,275.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
		lump	\$225,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
Street Lighting (spaced every 150')	36	Each	\$9,000.00	\$324,000.00
				<b>\$339,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Midas Creek Crossing (Assume box culvert will be sufficient)	1	Lump	\$200,000.00	\$200,000.00
				<b>\$200,000.00</b>

**BID ITEMS \$ 5,789,232.37**  
**Contingency (20%) \$ 1,157,846.47**  
**BID ITEMS TOTAL \$ 6,947,078.85**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	421,600	sq ft	\$15.00	\$6,324,000.00
				<b>\$6,324,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$694,707.88	\$694,707.88
				<b>\$694,707.88</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$694,707.88	\$694,707.88
				<b>\$694,707.88</b>

**BID ITEMS TOTAL \$ 6,947,078.85**  
**NON-BID ITEMS TOTAL \$ 7,713,415.77**  
**GRAND TOTAL \$ 14,660,494.62**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**11800 South widening from MVC to Oakmond Road (Project 1-6)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$265,100.00
Public Information Services	1	lump	1.00%	\$28,000.00
Traffic Control	1	lump	2.00%	\$55,900.00
Survey	1	lump	2.00%	\$55,900.00
				<b>\$404,900.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	3,700	ft	\$ 12.00	\$44,400.00
Remove Concrete Sidewalk	822	sq yd	\$ 28.00	\$23,022.22
Roadway Excavation (Plan Quantity)	7,194	cu yd	\$ 30.00	\$215,833.33
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	7,824	Ton	\$ 75.00	\$586,796.88
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	3,238	Ton	\$ 135.00	\$437,062.50
Pavement Marking Paint	200	gal	\$ 100.00	\$20,000.00
Pavement Message (Preformed Thermoplastic)	50	Each	\$ 300.00	\$15,000.00
Concrete Curb and Gutter Type B1	3,700	ft	\$ 42.00	\$155,400.00
Perpendicular/Parallel Pedestrian Access Ramp	20	Each	\$ 4,300.00	\$86,000.00
Concrete Sidewalk	22,200	sq ft	\$ 11.00	\$244,200.00
				<b>\$1,827,714.93</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	2116	ft	\$ 175.00	\$370,300.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	13	Each	\$ 6,000.00	\$78,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	13	Each	\$ 3,000.00	\$39,000.00
				<b>\$487,300.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
		lump	\$225,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$150,000.00	\$150,000.00
Street Lighting (spaced every 150')	25	Each	\$9,000.00	\$225,000.00
				<b>\$375,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$100,000.00	\$100,000.00
				<b>\$100,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Midas Creek Crossing (Assume box culvert will be sufficient)	1	Lump		\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 3,194,914.93**  
**Contingency (20%) \$ 638,982.99**  
**BID ITEMS TOTAL \$ 3,833,897.92**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	0	sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$383,389.79	\$383,389.79
				<b>\$383,389.79</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$383,389.79	\$383,389.79
				<b>\$383,389.79</b>

**BID ITEMS TOTAL \$ 3,833,897.92**  
**NON-BID ITEMS TOTAL \$ 766,779.58**  
**GRAND TOTAL \$ 4,600,677.50**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**New Roadway new construction from SR-111 to Dansie Oaks Boulevard (Project 1-7)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$122,900.00
Public Information Services	1	lump	2.50%	\$32,400.00
Traffic Control	1	lump	7.50%	\$97,000.00
Survey	1	lump	2.00%	\$25,900.00
				<b>\$278,200.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	4,319	cu yd	\$ 30.00	\$129,555.56
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	2,977	Ton	\$ 75.00	\$223,300.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,257	Ton	\$ 135.00	\$169,646.40
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	50	Each	\$ 300.00	\$15,000.00
Concrete Curb and Gutter Type B1	3,520	ft	\$ 42.00	\$147,840.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	17,600	sq ft	\$ 11.00	\$193,600.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$940,541.96</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1,007	ft	\$ 175.00	\$176,225.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	6	Each	\$ 6,000.00	\$36,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	6	Each	\$ 3,000.00	\$18,000.00
				<b>\$230,225.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$10,000.00	\$10,000.00
Street Lighting (spaced every 150')	12	Each	\$8,500.00	\$102,000.00
				<b>\$112,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 1,570,966.96**  
**Contingency (30%) \$ 471,290.09**  
**BID ITEMS TOTAL \$ 2,042,257.04**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	93,280	sq ft	\$15.00	\$1,399,200.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	8,800	sq ft	\$5.00	\$44,000.00
				<b>\$1,443,200.00</b>

<b>Design Engineering (10% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$204,225.70	\$204,225.70
				<b>\$204,225.70</b>

<b>Construction Management (8% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$163,380.56	\$163,380.56
				<b>\$163,380.56</b>

**BID ITEMS TOTAL \$ 2,042,257.04**  
**NON-BID ITEMS TOTAL \$ 1,810,806.27**  
**GRAND TOTAL \$ 3,853,063.31**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Boulevard new construction from 7600 West to SR-111 (Project 1-8)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$247,600.00
Public Information Services	1	lump	2.50%	\$65,200.00
Traffic Control	1	lump	7.50%	\$195,500.00
Survey	1	lump	2.00%	\$52,200.00
				<b>\$560,500.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	9,800	cu yd	\$ 30.00	\$294,000.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	8,313	Ton	\$ 75.00	\$623,463.75
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	3,509	Ton	\$ 135.00	\$473,660.46
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	25	Each	\$ 300.00	\$7,500.00
Concrete Curb and Gutter Type B1	5,292	ft	\$ 42.00	\$222,264.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	31,752	sq ft	\$ 11.00	\$349,272.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$2,031,760.21</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1,513	ft	\$ 175.00	\$264,775.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	9	Each	\$ 6,000.00	\$54,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	9	Each	\$ 3,000.00	\$27,000.00
				<b>\$345,775.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)		lump	\$125,000.00	\$0.00
Street Lighting (spaced every 150')	18	Each	\$8,500.00	\$153,000.00
				<b>\$153,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 3,166,035.21**  
**Contingency (30%) \$ 949,810.56**  
**BID ITEMS TOTAL \$ 4,115,845.77**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	79,380	sq ft	\$15.00	\$1,190,700.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	13,230	sq ft	\$5.00	\$66,150.00
				<b>\$1,256,850.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$493,901.49	\$493,901.49
				<b>\$493,901.49</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$493,901.49	\$493,901.49
				<b>\$493,901.49</b>

**BID ITEMS TOTAL \$ 4,115,845.77**  
**NON-BID ITEMS TOTAL \$ 2,244,652.99**  
**GRAND TOTAL \$ 6,360,498.76**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Boulevard new construction from SR-111 to Clipper Peak Drive (Project 1-9)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$410,300.00
Public Information Services	1	lump	2.00%	\$86,400.00
Traffic Control	1	lump	4.00%	\$172,800.00
Survey	1	lump	4.00%	\$172,800.00
				<b>\$842,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	26,351	cu yd	\$ 30.00	\$790,518.52
Granular Borrow (Plan Quantity)	9,007	cu yd	\$ 50.00	\$450,370.37
Untreated Base Course	8,816	Ton	\$ 75.00	\$661,200.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	7,752	Ton	\$ 135.00	\$1,046,520.00
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	24	Each	\$ 300.00	\$7,200.00
Concrete Curb and Gutter Type B1	6,400	ft	\$ 42.00	\$268,800.00
Perpendicular/Parallel Pedestrian Access Ramp	0	Each	\$ 4,300.00	\$0.00
Concrete Sidewalk	38,400	sq ft	\$ 11.00	\$422,400.00
				<b>\$3,657,008.89</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	2032	ft	\$ 175.00	\$355,600.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	6	Each	\$ 6,000.00	\$36,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	6	Each	\$ 3,000.00	\$18,000.00
				<b>\$409,600.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No Signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (telephone,ATMS relocates, manholes, third party utilities)	1	lump	\$25,000.00	\$25,000.00
Street Lighting (spaced every 150')	22	Each	\$8,500.00	\$187,000.00
				<b>\$212,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$40,000.00	\$40,000.00
				<b>\$40,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	1	Lump	\$10,000.00	
				<b>\$0.00</b>

**BID ITEMS \$ 5,160,908.89**  
**Contingency (35%) \$ 1,806,318.11**  
**BID ITEMS TOTAL \$ 6,967,227.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per county website, it appears there is sufficient right of way.	371,200	sq ft	\$15.00	\$5,568,000.00
Assuming 5' wide construction easement required for length of project	32,000	sq ft	\$6.00	\$192,000.00
				<b>\$5,760,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$836,067.24	\$836,067.24
				<b>\$836,067.24</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$836,067.24	\$836,067.24
				<b>\$836,067.24</b>

**BID ITEMS TOTAL \$ 6,967,227.00**  
**NON-BID ITEMS TOTAL \$ 7,432,134.48**  
**GRAND TOTAL \$ 14,399,361.48**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Boulevard widening from 6400 West to 6000 West (Project 1-10)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$248,300.00
Public Information Services	1	lump	2.00%	\$52,300.00
Traffic Control	1	lump	4.00%	\$104,600.00
Survey	1	lump	4.00%	\$104,600.00
				<b>\$509,800.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	3,015	ft	\$ 12.00	\$36,180.00
Remove Concrete Sidewalk	1,675	sq yd	\$ 28.00	\$46,900.00
Roadway Excavation (Plan Quantity)	13,912	cu yd	\$ 30.00	\$417,354.17
Granular Borrow (Plan Quantity)	4,578	cu yd	\$ 50.00	\$228,916.67
Untreated Base Course	4,481	Ton	\$ 75.00	\$336,078.28
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	2,044	Ton	\$ 135.00	\$275,937.89
Pavement Marking Paint	95	gal	\$ 100.00	\$9,523.00
Pavement Message (Preformed Thermoplastic)	16	Each	\$ 300.00	\$4,800.00
Concrete Curb and Gutter Type B1	3,015	ft	\$ 42.00	\$126,630.00
Perpendicular/Parallel Pedestrian Access Ramp	0	Each	\$ 4,300.00	\$0.00
Concrete Sidewalk	36,180	sq ft	\$ 11.00	\$397,980.00
				<b>\$1,880,300.01</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	1915	ft	\$ 175.00	\$335,125.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	6	Each	\$ 6,000.00	\$36,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	6	Each	\$ 3,000.00	\$18,000.00
				<b>\$389,125.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No Signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (telephone,ATMS relocates, manholes, third party utilities)	1	lump	\$125,000.00	\$125,000.00
Street Lighting (spaced every 150')	21	Each	\$8,500.00	\$178,500.00
				<b>\$303,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$40,000.00	\$40,000.00
				<b>\$40,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	1	Lump	\$10,000.00	
				<b>\$0.00</b>

**BID ITEMS \$ 3,122,725.01**  
**Contingency (20%) \$ 624,545.00**  
**BID ITEMS TOTAL \$ 3,747,270.01**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per county website, it appears there is sufficient right of way.	0	sq ft	\$0.00	\$0.00
Assuming 5' wide construction easement required for length of project	30,150	sq ft	\$6.00	\$180,900.00
				<b>\$180,900.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$449,672.40	\$449,672.40
				<b>\$449,672.40</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$449,672.40	\$449,672.40
				<b>\$449,672.40</b>

**BID ITEMS TOTAL \$ 3,747,270.01**  
**NON-BID ITEMS TOTAL \$ 1,080,244.80**  
**GRAND TOTAL \$ 4,827,514.81**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**6000 West widening from Herriman Boulevard to Herriman Main Street (Project 1-11)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$246,700.00
Public Information Services	1	lump	2.00%	\$52,000.00
Traffic Control	1	lump	4.00%	\$103,900.00
Survey	1	lump	4.00%	\$103,900.00
				<b>\$506,500.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	3,562	cu yd	\$ 24.00	\$85,481.02
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,980	Ton	\$ 75.00	\$148,516.25
Remove Concrete Driveway	84	sq yd	\$ 28.00	\$2,351.16
HMA - 1/2 inch	2,925	Ton	\$ 135.00	\$394,909.83
Pavement Marking Paint	97	gal	\$ 100.00	\$9,702.00
Pavement Message (Preformed Thermoplastic)	38	Each	\$ 300.00	\$11,400.00
Concrete Curb and Gutter Type B1	5,611	ft	\$ 42.00	\$235,660.74
Perpendicular/Parallel Pedestrian Access Ramp	10	Each	\$ 4,300.00	\$43,000.00
Concrete Sidewalk	28,055	sq ft	\$ 11.00	\$308,603.35
Remove Concrete Curb	300	ft	\$ 10.00	\$3,000.00
Remove Asphalt Pavement	362	sq yd	\$ 20.00	\$7,242.00
Remove Fence	400	ft	\$ 5.00	\$2,000.00
Concrete Driveway Flared, 6 inch Thick	40	Each	\$ 3,500.00	\$140,000.00
				<b>\$1,391,866.35</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	2343	ft	\$ 175.00	\$410,025.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	14	Each	\$ 6,000.00	\$84,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	14	Each	\$ 3,000.00	\$42,000.00
				<b>\$536,025.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications at Main Street	1	lump	\$100,000.00	\$100,000.00
		lump	\$75,000.00	\$0.00
				<b>\$100,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations	6	Each	\$20,000.00	\$120,000.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$175,000.00	\$175,000.00
Street Lighting (spaced every 150')	28	Each	\$8,500.00	\$238,000.00
				<b>\$533,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$35,000.00	\$35,000.00
				<b>\$35,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 3,102,391.35**  
**Contingency (30%) \$ 930,717.40**  
**BID ITEMS TOTAL \$ 4,033,108.75**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per County Website, some right of way required on north end of project. (Assume 3000' x 23' wide)	69,000	sq ft	\$20.00	\$1,380,000.00
Assuming 5' wide construction easement required for length of project	40,970	sq ft	\$5.00	\$204,850.00
				<b>\$1,584,850.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$483,973.05	\$483,973.05
				<b>\$483,973.05</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$483,973.05	\$483,973.05
				<b>\$483,973.05</b>

**BID ITEMS TOTAL \$ 4,033,108.75**  
**NON-BID ITEMS TOTAL \$ 2,552,796.10**  
**GRAND TOTAL \$ 6,585,904.85**



**ENGINEER'S ESTIMATE (2025 COSTS)**  
**7600 West new construction from Herriman Boulevard to Olympia Boulevard (Project 1-13)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$194,800.00
Public Information Services	1	lump	2.50%	\$51,300.00
Traffic Control	1	lump	7.50%	\$153,800.00
Survey	1	lump	2.00%	\$41,100.00
				<b>\$441,000.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	3,820	cu yd	\$ 30.00	\$114,592.59
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	6,755	Ton	\$ 75.00	\$506,593.75
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	2,851	Ton	\$ 135.00	\$384,871.50
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	5,200	ft	\$ 42.00	\$218,400.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	26,000	sq ft	\$ 11.00	\$286,000.00
				<b>\$1,523,583.84</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	1487	ft	\$ 175.00	\$260,225.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	9	Each	\$ 6,000.00	\$54,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	9	Each	\$ 3,000.00	\$27,000.00
				<b>\$341,225.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$25,000.00	\$25,000.00
Street Lighting (spaced every 150')	18	Each	\$8,500.00	\$153,000.00
				<b>\$178,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 2,491,308.84**  
**Contingency (20%) \$ 498,261.77**  
**BID ITEMS TOTAL \$ 2,989,570.61**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	176,800	sq ft	\$15.00	\$2,652,000.00
				<b>\$2,652,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$239,165.65	\$239,165.65
				<b>\$239,165.65</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$239,165.65	\$239,165.65
				<b>\$239,165.65</b>

**BID ITEMS TOTAL \$ 2,989,570.61**  
**NON-BID ITEMS TOTAL \$ 3,130,331.30**  
**GRAND TOTAL \$ 6,119,901.91**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Olympia Boulevard new construction from 7600 West to existing Olympia Boulevard (Project 1-14)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$395,800.00
Public Information Services	1	lump	2.50%	\$104,200.00
Traffic Control	1	lump	7.50%	\$312,500.00
Survey	1	lump	2.00%	\$83,400.00
				<b>\$895,900.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	15,426	cu yd	\$ 30.00	\$462,777.78
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	12,138	Ton	\$ 75.00	\$910,328.13
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	5,123	Ton	\$ 135.00	\$691,598.25
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	50	Each	\$ 300.00	\$15,000.00
Concrete Curb and Gutter Type B1	9,800	ft	\$ 42.00	\$411,600.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	49,000	sq ft	\$ 11.00	\$539,000.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$3,091,904.15</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	2,802	ft	\$ 175.00	\$490,350.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	17	Each	\$ 6,000.00	\$102,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	17	Each	\$ 3,000.00	\$51,000.00
				<b>\$643,350.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$75,000.00	\$75,000.00
Street Lighting (spaced every 150')	33	Each	\$8,500.00	\$280,500.00
				<b>\$355,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 5,061,654.15**  
**Contingency (30%) \$ 1,518,496.25**  
**BID ITEMS TOTAL \$ 6,580,150.40**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	333,200	sq ft	\$15.00	\$4,998,000.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	24,500	sq ft	\$5.00	\$122,500.00
				<b>\$5,120,500.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$658,015.04	\$658,015.04
				<b>\$658,015.04</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$526,412.03	\$526,412.03
				<b>\$526,412.03</b>

**BID ITEMS TOTAL \$ 6,580,150.40**  
**NON-BID ITEMS TOTAL \$ 6,304,927.07**  
**GRAND TOTAL \$ 12,885,077.47**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Silver Sky Drive new construction from Olympia Boulevard to 7300 West (Project 1-15)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$569,600.00
Public Information Services	1	lump	2.50%	\$149,900.00
Traffic Control	1	lump	7.50%	\$449,700.00
Survey	1	lump	2.00%	\$120,000.00
				<b>\$1,289,200.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	20,856	cu yd	\$ 30.00	\$625,694.44
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	14,379	Ton	\$ 75.00	\$1,078,437.50
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	6,069	Ton	\$ 135.00	\$819,315.00
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	50	Each	\$ 300.00	\$15,000.00
Concrete Curb and Gutter Type B1	17,000	ft	\$ 42.00	\$714,000.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	85,000	sq ft	\$ 11.00	\$935,000.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$4,249,046.94</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	4,860	ft	\$ 175.00	\$850,500.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	29	Each	\$ 6,000.00	\$174,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	29	Each	\$ 3,000.00	\$87,000.00
				<b>\$1,111,500.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$75,000.00	\$75,000.00
Street Lighting (spaced every 150')	57	Each	\$8,500.00	\$484,500.00
				<b>\$559,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 7,284,246.94**  
**Contingency (30%) \$ 2,185,274.08**  
**BID ITEMS TOTAL \$ 9,469,521.03**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	450,500	sq ft	\$15.00	\$6,757,500.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	42,500	sq ft	\$5.00	\$212,500.00
				<b>\$6,970,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$946,952.10	\$946,952.10
				<b>\$946,952.10</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$757,561.68	\$757,561.68
				<b>\$757,561.68</b>

**BID ITEMS TOTAL \$ 9,469,521.03**  
**NON-BID ITEMS TOTAL \$ 8,674,513.79**  
**GRAND TOTAL \$ 18,144,034.81**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**7300 West new construction from Herriman Boulevard to Herriman Main Street (Project 1-16)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$556,200.00
Public Information Services	1	lump	1.00%	\$58,600.00
Traffic Control	1	lump	2.00%	\$117,100.00
Survey	1	lump	2.00%	\$117,100.00
				<b>\$849,000.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	21,533	cu yd	\$ 30.00	\$646,000.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	23,418	Ton	\$ 75.00	\$1,756,312.50
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	9,690	Ton	\$ 135.00	\$1,308,150.00
Pavement Marking Paint	200	gal	\$ 100.00	\$20,000.00
Pavement Message (Preformed Thermoplastic)	30	Each	\$ 300.00	\$9,000.00
Concrete Curb and Gutter Type B1	11,400	ft	\$ 42.00	\$478,800.00
Perpendicular/Parallel Pedestrian Access Ramp	20	Each	\$ 4,300.00	\$86,000.00
Concrete Sidewalk	34,200	sq ft	\$ 11.00	\$376,200.00
				<b>\$4,680,462.50</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	3259	ft	\$ 175.00	\$570,325.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	19	Each	\$ 6,000.00	\$114,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	19	Each	\$ 3,000.00	\$57,000.00
				<b>\$741,325.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
		lump	\$225,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
Street Lighting (spaced every 150')	38	Each	\$9,000.00	\$342,000.00
				<b>\$357,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Midas Creek Crossing (Assume box culvert will be sufficient)	1	Lump		\$0.00
				<b>\$0.00</b>

BID ITEMS \$ 6,702,787.50  
 Contingency (20%) \$ 1,340,557.50  
 BID ITEMS TOTAL \$ 8,043,345.00

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	387,600	sq ft	\$15.00	\$5,814,000.00
				<b>\$5,814,000.00</b>

<b>Design</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$804,334.50	\$804,334.50
				<b>\$804,334.50</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$804,334.50	\$804,334.50
				<b>\$804,334.50</b>

BID ITEMS TOTAL \$ 8,043,345.00  
 NON-BID ITEMS TOTAL \$ 7,422,669.00  
 GRAND TOTAL \$ 15,466,014.00

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Silver Sky Drive new construction from 7300 West to existing Silver Sky Drive (Project 1-17)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$136,600.00
Public Information Services	1	lump	2.50%	\$36,000.00
Traffic Control	1	lump	7.50%	\$107,900.00
Survey	1	lump	2.00%	\$28,800.00
				<b>\$309,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	4,723	cu yd	\$ 30.00	\$141,701.39
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	3,256	Ton	\$ 75.00	\$244,234.38
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,374	Ton	\$ 135.00	\$185,550.75
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	50	Each	\$ 300.00	\$15,000.00
Concrete Curb and Gutter Type B1	3,850	ft	\$ 42.00	\$161,700.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	19,250	sq ft	\$ 11.00	\$211,750.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$1,021,536.51</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1,101	ft	\$ 175.00	\$192,675.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	7	Each	\$ 6,000.00	\$42,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	7	Each	\$ 3,000.00	\$21,000.00
				<b>\$255,675.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$25,000.00	\$25,000.00
Street Lighting (spaced every 150')	13	Each	\$8,500.00	\$110,500.00
				<b>\$135,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$25,000.00	\$25,000.00
				<b>\$25,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 1,747,011.51**  
**Contingency (30%) \$ 524,103.45**  
**BID ITEMS TOTAL \$ 2,271,114.97**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	102,025	sq ft	\$15.00	\$1,530,375.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	9,625	sq ft	\$5.00	\$48,125.00
				<b>\$1,578,500.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$227,111.50	\$227,111.50
				<b>\$227,111.50</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$181,689.20	\$181,689.20
				<b>\$181,689.20</b>

**BID ITEMS TOTAL \$ 2,271,114.97**  
**NON-BID ITEMS TOTAL \$ 1,987,300.69**  
**GRAND TOTAL \$ 4,258,415.66**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**New Roadway new construction from Olympia Boulevard to Silver Sky Drive (Project 1-18)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$61,600.00
Public Information Services	1	lump	2.50%	\$16,200.00
Traffic Control	1	lump	7.50%	\$48,600.00
Survey	1	lump	2.00%	\$13,000.00
				<b>\$139,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	1,963	cu yd	\$ 30.00	\$58,888.89
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,353	Ton	\$ 75.00	\$101,500.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	571	Ton	\$ 135.00	\$77,112.00
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	50	Each	\$ 300.00	\$15,000.00
Concrete Curb and Gutter Type B1	1,600	ft	\$ 42.00	\$67,200.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	8,000	sq ft	\$ 11.00	\$88,000.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$469,300.89</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	458	ft	\$ 175.00	\$80,150.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	3	Each	\$ 6,000.00	\$18,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	3	Each	\$ 3,000.00	\$9,000.00
				<b>\$107,150.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$10,000.00	\$10,000.00
Street Lighting (spaced every 150')	6	Each	\$8,500.00	\$51,000.00
				<b>\$61,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 786,850.89**  
**Contingency (30%) \$ 236,055.27**  
**BID ITEMS TOTAL \$ 1,022,906.16**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	42,400	sq ft	\$15.00	\$636,000.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	4,000	sq ft	\$5.00	\$20,000.00
				<b>\$656,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$102,290.62	\$102,290.62
				<b>\$102,290.62</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$81,832.49	\$81,832.49
				<b>\$81,832.49</b>

**BID ITEMS TOTAL \$ 1,022,906.16**  
**NON-BID ITEMS TOTAL \$ 840,123.11**  
**GRAND TOTAL \$ 1,863,029.26**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Dansie Boulevard new construction from Herriman Boulevard to Silver Sky Drive (Project 1-19)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$232,700.00
Public Information Services	1	lump	2.50%	\$61,300.00
Traffic Control	1	lump	7.50%	\$183,700.00
Survey	1	lump	2.00%	\$49,000.00
				<b>\$526,700.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	8,404	cu yd	\$ 30.00	\$252,118.06
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	5,794	Ton	\$ 75.00	\$434,546.88
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	2,445	Ton	\$ 135.00	\$330,135.75
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	50	Each	\$ 300.00	\$15,000.00
Concrete Curb and Gutter Type B1	6,850	ft	\$ 42.00	\$287,700.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	34,250	sq ft	\$ 11.00	\$376,750.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$1,757,850.68</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1,956	ft	\$ 175.00	\$342,650.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	12	Each	\$ 6,000.00	\$72,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	12	Each	\$ 3,000.00	\$36,000.00
				<b>\$450,650.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$25,000.00	\$25,000.00
Street Lighting (spaced every 150')	23	Each	\$8,500.00	\$195,500.00
				<b>\$220,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 2,975,700.68**  
**Contingency (30%) \$ 892,710.20**  
**BID ITEMS TOTAL \$ 3,868,410.88**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	181,525	sq ft	\$15.00	\$2,722,875.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	17,125	sq ft	\$5.00	\$85,625.00
				<b>\$2,808,500.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$386,841.09	\$386,841.09
				<b>\$386,841.09</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$309,472.87	\$309,472.87
				<b>\$309,472.87</b>

**BID ITEMS TOTAL \$ 3,868,410.88**  
**NON-BID ITEMS TOTAL \$ 3,504,813.96**  
**GRAND TOTAL \$ 7,373,224.84**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Silver Sky Drive new construction from Twisted Oaks Drive to 6400 West (Project 1-20)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$151,000.00
Public Information Services	1	lump	0.50%	\$8,000.00
Traffic Control	1	lump	1.00%	\$15,900.00
Survey	1	lump	1.00%	\$15,900.00
				<b>\$190,800.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	2,938	cu yd	\$ 30.00	\$88,148.15
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	5,196	Ton	\$ 75.00	\$389,687.50
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	2,193	Ton	\$ 135.00	\$296,055.00
Pavement Marking Paint	52	gal	\$ 100.00	\$5,238.00
Pavement Message (Preformed Thermoplastic)	8	Each	\$ 300.00	\$2,400.00
Concrete Curb and Gutter Type B1	4,000	ft	\$ 42.00	\$168,000.00
Perpendicular/Parallel Pedestrian Access Ramp	0	Each	\$ 4,300.00	\$0.00
Concrete Sidewalk	20,000	sq ft	\$ 11.00	\$220,000.00
				<b>\$1,169,528.65</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1144	ft	\$ 175.00	\$200,200.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	7	Each	\$ 6,000.00	\$42,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	7	Each	\$ 3,000.00	\$21,000.00
				<b>\$263,200.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Assumed no signals		lump		\$0.00

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
Street Lighting (spaced every 150')	14	Each	\$9,000.00	\$126,000.00
				<b>\$141,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$15,000.00	\$15,000.00
				<b>\$15,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 1,779,528.65**  
**Contingency (20%) \$ 355,905.73**  
**BID ITEMS TOTAL \$ 2,135,434.38**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	136,000	sq ft	\$15.00	\$2,040,000.00
				<b>\$2,040,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$213,543.44	\$213,543.44
				<b>\$213,543.44</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$213,543.44	\$213,543.44
				<b>\$213,543.44</b>

**BID ITEMS TOTAL \$ 2,135,434.38**  
**NON-BID ITEMS TOTAL \$ 2,467,086.88**  
**GRAND TOTAL \$ 4,602,521.25**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Silver Sky Drive new construction from 6400 West to Starlite Hill Lane (Project 1-21)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$113,500.00
Public Information Services	1	lump	0.50%	\$6,000.00
Traffic Control	1	lump	1.00%	\$12,000.00
Survey	1	lump	1.00%	\$12,000.00
				<b>\$143,500.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	2,204	cu yd	\$ 30.00	\$66,111.11
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	3,897	Ton	\$ 75.00	\$292,265.63
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,645	Ton	\$ 135.00	\$222,041.25
Pavement Marking Paint	46	gal	\$ 100.00	\$4,552.00
Pavement Message (Preformed Thermoplastic)	0	Each	\$ 300.00	\$0.00
Concrete Curb and Gutter Type B1	3,000	ft	\$ 42.00	\$126,000.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	15,000	sq ft	\$ 11.00	\$165,000.00
				<b>\$884,569.99</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	858	ft	\$ 175.00	\$150,150.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	5	Each	\$ 6,000.00	\$30,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	5	Each	\$ 3,000.00	\$15,000.00
				<b>\$195,150.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Assumed no signals		lump		\$0.00

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
Street Lighting (spaced every 150')	10	Each	\$8,500.00	\$85,000.00
				<b>\$100,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$15,000.00	\$15,000.00
				<b>\$15,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ \$1,338,219.99**  
**Contingency (20%) \$ \$267,644.00**  
**BID ITEMS TOTAL \$ \$1,605,863.98**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	102,000	sq ft	\$15.00	\$1,530,000.00
				<b>\$1,530,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$160,586.40	\$160,586.40
				<b>\$160,586.40</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$160,586.40	\$160,586.40
				<b>\$160,586.40</b>

**BID ITEMS TOTAL \$ \$1,605,863.98**  
**NON-BID ITEMS TOTAL \$ \$1,851,172.80**  
**GRAND TOTAL \$ \$3,457,036.78**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**6000 West widening from Silver Sky Drive to Herriman Main Street (Project 1-22)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$202,600.00
Public Information Services	1	lump	2.00%	\$42,700.00
Traffic Control	1	lump	7.00%	\$149,300.00
Survey	1	lump	5.00%	\$106,700.00
				<b>\$501,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	200	ft	\$ 12.00	\$2,400.00
Remove Concrete Sidewalk	200	sq yd	\$ 28.00	\$5,600.00
Roadway Excavation (Plan Quantity)	4,183	cu yd	\$ 30.00	\$125,481.48
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	4,120	Ton	\$ 75.00	\$309,031.25
Remove Concrete Driveway	400	sq yd	\$ 28.00	\$11,200.00
HMA - 1/2 inch	1,543	Ton	\$ 135.00	\$208,271.25
Pavement Marking Paint	150	gal	\$ 100.00	\$15,000.00
Pavement Message (Preformed Thermoplastic)	30	Each	\$ 300.00	\$9,000.00
Concrete Curb and Gutter Type B1	4,400	ft	\$ 42.00	\$184,800.00
Perpendicular/Parallel Pedestrian Access Ramp	20	Each	\$ 4,300.00	\$86,000.00
Concrete Sidewalk	22,000	sq ft	\$ 11.00	\$242,000.00
Remove Concrete Curb	300	ft	\$ 12.00	\$3,600.00
Remove Asphalt Pavement		sq yd	\$ 11.00	\$0.00
Remove Fence	500	ft	\$ 5.00	\$2,500.00
Remove Tree	10	Each	\$ 2,000.00	\$20,000.00
Concrete Driveway Flared, 6 inch Thick	25.00	Each	\$ 4,000.00	\$100,000.00
				<b>\$1,324,883.98</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1258	ft	\$ 175.00	\$220,150.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	8	Each	\$ 6,000.00	\$48,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	8	Each	\$ 3,000.00	\$24,000.00
				<b>\$292,150.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications at Herriman Blvd	1	lump	\$150,000.00	\$150,000.00
				<b>\$150,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations	8	Each	\$15,000.00	\$120,000.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$100,000.00	\$100,000.00
Street Lighting (spaced every 150')	15	Each	\$8,000.00	\$120,000.00
				<b>\$340,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$25,000.00	\$25,000.00
				<b>\$25,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 2,633,333.98**  
**Contingency (30%) \$ 790,000.19**  
**BID ITEMS TOTAL \$ 3,423,334.18**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per County Website there appears to be sufficient (right of way - No right of way included)	0	sq ft	\$0.00	\$0.00
Assuming 5' wide construction easement required for length of project	22,000	sq ft	\$5.00	\$110,000.00
				<b>\$110,000.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$342,333.42	\$342,333.42
				<b>\$342,333.42</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$342,333.42	\$342,333.42
				<b>\$342,333.42</b>

**BID ITEMS TOTAL \$ 3,423,334.18**  
**NON-BID ITEMS TOTAL \$ 794,666.84**  
**GRAND TOTAL \$ 4,218,001.01**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**7600 West new construction from Silver Sky Drive to Herriman Main Street (Project 1-23)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$105,900.00
Public Information Services	1	lump	2.50%	\$27,900.00
Traffic Control	1	lump	7.50%	\$83,600.00
Survey	1	lump	2.00%	\$22,300.00
				<b>\$239,700.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	2,063	cu yd	\$ 30.00	\$61,880.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	3,647	Ton	\$ 75.00	\$273,560.63
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,539	Ton	\$ 135.00	\$207,830.61
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	2,808	ft	\$ 42.00	\$117,936.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	14,040	sq ft	\$ 11.00	\$154,440.00
				<b>\$828,773.24</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	803	ft	\$ 175.00	\$140,525.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	5	Each	\$ 6,000.00	\$30,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	5	Each	\$ 3,000.00	\$15,000.00
				<b>\$185,525.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$7,500.00	\$7,500.00
Street Lighting (spaced every 150')	10	Each	\$8,500.00	\$85,000.00
				<b>\$92,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 1,353,998.24**  
**Contingency (20%) \$ 270,799.65**  
**BID ITEMS TOTAL \$ 1,624,797.88**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	95,472	sq ft	\$15.00	\$1,432,080.00
				<b>\$1,432,080.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$129,983.83	\$129,983.83
				<b>\$129,983.83</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$129,983.83	\$129,983.83
				<b>\$129,983.83</b>

**BID ITEMS TOTAL \$ 1,624,797.88**  
**NON-BID ITEMS TOTAL \$ 1,692,047.66**  
**GRAND TOTAL \$ 3,316,845.54**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Main Street widening from Herriman border to 7300 West (Project 1-24)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$512,600.00
Public Information Services	1	lump	2.50%	\$134,900.00
Traffic Control	1	lump	7.50%	\$404,700.00
Survey	1	lump	2.00%	\$107,900.00
				<b>\$1,160,100.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	14,778	cu yd	\$ 30.00	\$443,333.33
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	9,183	Ton	\$ 75.00	\$688,750.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	4,264	Ton	\$ 135.00	\$575,586.00
Pavement Marking Paint	200	gal	\$ 100.00	\$20,000.00
Pavement Message (Preformed Thermoplastic)	24	Each	\$ 300.00	\$7,200.00
Concrete Curb and Gutter Type B1	15,200	ft	\$ 42.00	\$638,400.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	76,000	sq ft	\$ 11.00	\$836,000.00
Remove Asphalt Pavement	0	sq yd	\$ 20.00	\$0.00
Roadway Excavation (additional excavation/earthwork for hills)	14,000	cu yd	\$ 24.00	\$336,000.00
				<b>\$3,596,869.33</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	4,345	ft	\$ 175.00	\$760,375.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	26	Each	\$ 6,000.00	\$156,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	26	Each	\$ 3,000.00	\$78,000.00
				<b>\$994,375.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)	15	Each	\$15,000.00	\$225,000.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$125,000.00	\$125,000.00
Street Lighting (spaced every 150')	51	Each	\$8,500.00	\$433,500.00
				<b>\$783,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 6,554,844.33**  
**Contingency (30%) \$ 1,966,453.30**  
**BID ITEMS TOTAL \$ 8,521,297.63**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	228,000	sq ft	\$15.00	\$3,420,000.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	76,000	sq ft	\$5.00	\$380,000.00
				<b>\$3,800,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$239,146.18	\$239,146.18
				<b>\$239,146.18</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$239,146.18	\$239,146.18
				<b>\$239,146.18</b>

**BID ITEMS TOTAL \$ 8,521,297.63**  
**NON-BID ITEMS TOTAL \$ 4,278,292.36**  
**GRAND TOTAL \$ 12,799,589.99**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**13400 South widening from Split Oak Drive\* to Rose Canyon Road (Project 1-25)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$204,300.00
Public Information Services	1	lump	2.00%	\$43,000.00
Traffic Control	1	lump	7.00%	\$150,500.00
Survey	1	lump	5.00%	\$107,500.00
				<b>\$505,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	4,440	cu yd	\$ 30.00	\$133,197.04
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	2,124	Ton	\$ 75.00	\$159,282.50
Remove Concrete Driveway	92	sq yd	\$ 28.00	\$2,568.16
HMA - 1/2 inch	1,931	Ton	\$ 135.00	\$260,638.56
Pavement Marking Paint	64	gal	\$ 100.00	\$6,404.00
Pavement Message (Preformed Thermoplastic)	14	Each	\$ 300.00	\$4,200.00
Concrete Curb and Gutter Type B1	5,408	ft	\$ 42.00	\$227,136.00
Perpendicular/Parallel Pedestrian Access Ramp	5	Each	\$ 4,300.00	\$21,500.00
Concrete Sidewalk	27,040	sq ft	\$ 11.00	\$297,440.00
Remove Concrete Curb	279	ft	\$ 12.00	\$3,343.20
Remove Asphalt Pavement	80	sq yd	\$ 11.00	\$880.00
Remove Fence	326	ft	\$ 5.00	\$1,632.00
Remove Tree	2	Each	\$ 2,000.00	\$4,000.00
Concrete Driveway Flared, 6 inch Thick	35.00	Each	\$ 4,000.00	\$140,000.00
				<b>\$1,262,221.46</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1546	ft	\$ 175.00	\$270,550.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	10	Each	\$ 6,000.00	\$60,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	10	Each	\$ 3,000.00	\$30,000.00
				<b>\$360,550.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications at 6400 West	1	lump	\$100,000.00	\$100,000.00
				<b>\$100,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations	10	Each	\$15,000.00	\$150,000.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$100,000.00	\$100,000.00
Street Lighting (spaced every 150')	19	Each	\$8,000.00	\$152,000.00
				<b>\$402,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$25,000.00	\$25,000.00
				<b>\$25,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 2,655,071.46**  
**Contingency (30%) \$ 796,521.44**  
**BID ITEMS TOTAL \$ 3,451,592.89**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per County Website there appears to be sufficient (right of way - No right of way included)	0	sq ft	\$0.00	\$0.00
Assuming 5' wide construction easement required for length of project	27,040	sq ft	\$5.00	\$135,200.00
				<b>\$135,200.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$345,159.29	\$345,159.29
				<b>\$345,159.29</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$345,159.29	\$345,159.29
				<b>\$345,159.29</b>

**BID ITEMS TOTAL \$ 3,451,592.89**  
**NON-BID ITEMS TOTAL \$ 825,518.58**  
**GRAND TOTAL \$ 4,277,111.47**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Rose Canyon Road widening from Herriman Main Street to 13400 South (Project 1-26)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$165,900.00
Public Information Services	1	lump	2.00%	\$35,000.00
Traffic Control	1	lump	7.00%	\$122,200.00
Survey	1	lump	5.00%	\$87,300.00
				<b>\$410,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	1	sq yd	\$ 28.00	\$38.96
Roadway Excavation (Plan Quantity)	2,547	cu yd	\$ 30.00	\$76,403.70
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,017	Ton	\$ 75.00	\$76,306.25
Remove Concrete Driveway	10	sq yd	\$ 28.00	\$276.36
HMA - 1/2 inch	1,931	Ton	\$ 135.00	\$260,638.56
Pavement Marking Paint	50	gal	\$ 100.00	\$4,986.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1	3,954	ft	\$ 42.00	\$166,068.00
Perpendicular/Parallel Pedestrian Access Ramp	5	Each	\$ 4,300.00	\$21,500.00
Concrete Sidewalk	19,770	sq ft	\$ 11.00	\$217,470.00
Remove Asphalt Pavement	115	sq yd	\$ 22.00	\$2,530.00
Remove Fence	135	ft	\$ 5.00	\$677.10
Remove Tree	7	Each	\$ 2,000.00	\$14,000.00
Concrete Driveway Flared, 6 inch Thick	16	Each	\$ 3,500.00	\$56,000.00
				<b>\$900,492.93</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	1280	ft	\$ 175.00	\$224,000.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	4	Each	\$ 6,000.00	\$24,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	4	Each	\$ 3,000.00	\$12,000.00
				<b>\$260,000.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal Modification at 13400 South	1	lump	\$100,000.00	\$100,000.00
Signal at Main Street	1	lump	225000	\$225,000.00
				<b>\$325,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$80,000.00	\$80,000.00
Street Lighting (spaced every 150')	15	Each	\$8,000.00	\$120,000.00
Assuming large poles along east side will be in parkstrip and will not be relocated. Assume 5 service lines to be relocated.	5	Each	\$8,000.00	\$40,000.00
				<b>\$240,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 2,155,892.93**  
**Contingency (30%) \$ 646,767.88**  
**BID ITEMS TOTAL \$ 2,802,660.81**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per County Website there appears to be some right of way required (Assume 250' frontage)	10,250	sq ft	\$15.00	\$153,750.00
Assuming 5' wide construction easement required for length of project	21,050	sq ft	\$5.00	\$105,250.00
				<b>\$259,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$336,319.30	\$336,319.30
				<b>\$336,319.30</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$336,319.30	\$336,319.30
				<b>\$336,319.30</b>

**BID ITEMS TOTAL \$ 2,802,660.81**  
**NON-BID ITEMS TOTAL \$ 931,638.60**  
**GRAND TOTAL \$ 3,734,299.41**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**13400 South widening from Rose Canyon Road to Rosecrest Road (Project 1-27)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$568,500.00
Public Information Services	1	lump	2.00%	\$119,300.00
Traffic Control	1	lump	7.00%	\$417,400.00
Survey	1	lump	5.00%	\$298,200.00
				<b>\$1,401,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	6,080	ft	\$ 12.00	\$72,960.00
Remove Concrete Sidewalk	3,260	sq yd	\$ 28.00	\$91,290.89
Roadway Excavation (Plan Quantity)	17,372	cu yd	\$ 30.00	\$521,156.96
Granular Borrow (Plan Quantity)	4,790	cu yd	\$ 50.00	\$239,497.85
Untreated Base Course	4,688	Ton	\$ 75.00	\$351,612.78
Remove Concrete Driveway	501	sq yd	\$ 28.00	\$14,014.00
HMA - 1/2 inch	7,709	Ton	\$ 135.00	\$1,040,747.36
Pavement Marking Paint	160	gal	\$ 100.00	\$16,008.00
Pavement Message (Preformed Thermoplastic)	34	Each	\$ 300.00	\$10,200.00
Concrete Curb and Gutter Type B1	9,268	ft	\$ 42.00	\$389,172.42
Perpendicular/Parallel Pedestrian Access Ramp	11	Each	\$ 4,300.00	\$47,300.00
Concrete Sidewalk	55,596	sq ft	\$ 11.00	\$611,556.66
Remove Asphalt Pavement	664	sq yd	\$ 20.00	\$13,284.00
Remove Fence	1,347	ft	\$ 5.00	\$6,732.50
Remove Tree	82	Each	\$ 2,000.00	\$164,000.00
Concrete Driveway Flared, 6 inch Thick	20	Each	\$ 4,500.00	\$90,000.00
				<b>\$3,679,533.42</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	3364	ft	\$ 175.00	\$588,700.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	18	Each	\$ 6,000.00	\$108,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	18	Each	\$ 3,000.00	\$54,000.00
				<b>\$750,700.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications at 6400 West	1	lump	\$175,000.00	\$175,000.00
Signal modifications at Pioneer St	1	lump	\$175,000.00	\$175,000.00
Signal modifications at RoseCrest Road	1	lump	\$175,000.00	\$175,000.00
				<b>\$525,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (telephone, ATMS relocates, manholes, third party utilities)	1	lump	\$175,000.00	\$175,000.00
Power Pole Relocation along north side of road (approx 22 poles) (assume 20,000 per pole)	1	lump	\$450,000.00	\$450,000.00
Street Lighting (spaced every 150')	34	Each	\$8,000.00	\$272,000.00
				<b>\$897,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$100,000.00	\$100,000.00
				<b>\$100,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

**BID ITEMS \$ 7,363,633.42**  
**Contingency (20%) \$ 1,472,726.68**  
**BID ITEMS TOTAL \$ 8,836,360.10**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Minor right of way may be required per County parcel maps (assuming 800' x 10')	8,000	sq ft	\$15.00	\$120,000.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5)	25,349	sq ft	\$5.00	\$126,744.75
				<b>\$246,744.75</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$1,060,363.21	\$1,060,363.21
				<b>\$1,060,363.21</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$1,060,363.21	\$1,060,363.21
				<b>\$1,060,363.21</b>

**BID ITEMS TOTAL \$ 8,836,360.10**  
**NON-BID ITEMS TOTAL \$ 2,367,471.17**  
**GRAND TOTAL \$ 11,203,831.27**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
 Blayde Drive new construction from 13400 South to existing Blayde Drive (Project 1-28)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$97,500.00
Public Information Services	1	lump	1.00%	\$10,300.00
Traffic Control	1	lump	1.00%	\$10,300.00
Survey	1	lump	2.00%	\$20,600.00
				<b>\$138,700.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	3,904	cu yd	\$ 30.00	\$117,111.11
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,808	Ton	\$ 75.00	\$135,575.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	660	Ton	\$ 135.00	\$89,100.00
Pavement Marking Paint	75	gal	\$ 100.00	\$7,500.00
Pavement Message (Preformed Thermoplastic)	8	Each	\$ 300.00	\$2,400.00
Concrete Curb and Gutter Type B1	2,200	ft	\$ 42.00	\$92,400.00
Perpendicular/Parallel Pedestrian Access Ramp	4	Each	\$ 4,300.00	\$17,200.00
Concrete Sidewalk	11,000	sq ft	\$ 11.00	\$121,000.00
				<b>\$582,286.11</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	629	ft	\$ 175.00	\$110,075.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	4	Each	\$ 6,000.00	\$24,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	4	Each	\$ 3,000.00	\$12,000.00
				<b>\$146,075.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
		lump	\$225,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
Street Lighting (spaced every 150')	8	Each	\$9,000.00	\$72,000.00
				<b>\$87,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Midas Creek Crossing (Assume box culvert will be sufficient)	1	Lump	\$200,000.00	\$200,000.00
				<b>\$200,000.00</b>

BID ITEMS \$ \$1,164,061.11  
 Contingency (20%) \$ \$232,812.22  
 BID ITEMS TOTAL \$ \$1,396,873.33

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	66,000	sq ft	\$15.00	\$990,000.00
				<b>\$990,000.00</b>

<b>Design</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (5% of Bid Items)	1	lump	\$69,843.67	\$69,843.67
				<b>\$69,843.67</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (5% of Bid Items)	1	lump	\$69,843.67	\$69,843.67
				<b>\$69,843.67</b>

BID ITEMS TOTAL \$ \$1,396,873.33  
 NON-BID ITEMS TOTAL \$ \$1,129,687.33  
 GRAND TOTAL \$ \$2,526,560.67



**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Real Vista Drive new construction from SLCC access to 14400 South (Bluffdale) (Project 1-30)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$81,000.00
Public Information Services	1	lump	1.00%	\$8,600.00
Traffic Control	1	lump	1.00%	\$8,600.00
Survey	1	lump	2.00%	\$17,100.00
				<b>\$115,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	1,374	cu yd	\$ 30.00	\$41,225.00
Granular Borrow (Plan Quantity)	1,326	cu yd	\$ 50.00	\$66,283.33
Untreated Base Course	1,297	Ton	\$ 75.00	\$97,312.22
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,141	Ton	\$ 135.00	\$154,021.75
Pavement Marking Paint	28	gal	\$ 100.00	\$2,755.00
Pavement Message (Preformed Thermoplastic)	0	Each	\$ 300.00	\$0.00
Concrete Curb and Gutter Type B1	1,746	ft	\$ 42.00	\$73,332.00
Perpendicular/Parallel Pedestrian Access Ramp	0	Each	\$ 4,300.00	\$0.00
Concrete Sidewalk	10,476	sq ft	\$ 11.00	\$115,236.00
				<b>\$550,165.31</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	500	ft	\$ 175.00	\$87,500.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	3	Each	\$ 6,000.00	\$18,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	3	Each	\$ 3,000.00	\$9,000.00
				<b>\$114,500.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$40,000.00	
Street Lighting (spaced every 150')	6	Each	\$8,000.00	
				<b>\$0.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$12,500.00	\$12,500.00
				<b>\$12,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Box Culvert - Canal Crossing	1	Lump	\$175,000.00	\$175,000.00
				<b>\$175,000.00</b>

**BID ITEMS \$ 967,465.31**  
**Contingency (20%) \$ 193,493.06**  
**BID ITEMS TOTAL \$ 1,160,958.37**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	94,284	sq ft	\$15.00	\$1,414,260.00
				<b>\$1,414,260.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$116,095.84	\$116,095.84
				<b>\$116,095.84</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$116,095.84	\$116,095.84
				<b>\$116,095.84</b>

**BID ITEMS TOTAL \$ 1,160,958.37**  
**NON-BID ITEMS TOTAL \$ 1,646,451.67**  
**GRAND TOTAL \$ 2,807,410.04**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Juniper Crest Road new construction from existing Juniper Crest Road to Panorama View Drive (Project 1-31)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$58,600.00
Public Information Services	1	lump	2.50%	\$15,400.00
Traffic Control	1	lump	7.50%	\$46,200.00
Survey	1	lump	2.00%	\$12,400.00
				<b>\$132,600.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	1,889	cu yd	\$ 30.00	\$56,666.67
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,602	Ton	\$ 75.00	\$120,168.75
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	676	Ton	\$ 135.00	\$91,295.10
Pavement Marking Paint	50	gal	\$ 100.00	\$5,000.00
Pavement Message (Preformed Thermoplastic)	10	Each	\$ 300.00	\$3,000.00
Concrete Curb and Gutter Type B1	1,020	ft	\$ 42.00	\$42,840.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	6,120	sq ft	\$ 11.00	\$67,320.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$437,890.52</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	292	ft	\$ 175.00	\$51,100.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	2	Each	\$ 6,000.00	\$12,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	2	Each	\$ 3,000.00	\$6,000.00
				<b>\$69,100.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)		lump	\$125,000.00	\$0.00
Street Lighting (spaced every 150')	4	Each	\$8,500.00	\$34,000.00
				<b>\$34,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 748,590.52**  
**Contingency (30%) \$ 224,577.16**  
**BID ITEMS TOTAL \$ 973,167.67**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	15,300	sq ft	\$15.00	\$229,500.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	2,550	sq ft	\$5.00	\$12,750.00
				<b>\$242,250.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$77,853.41	\$77,853.41
				<b>\$77,853.41</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$77,853.41	\$77,853.41
				<b>\$77,853.41</b>

**BID ITEMS TOTAL \$ 973,167.67**  
**NON-BID ITEMS TOTAL \$ 397,956.83**  
**GRAND TOTAL \$ 1,371,124.50**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Juniper Crest Road new construction from Panorama View Drive to MVC (Project 1-32)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$190,500.00
Public Information Services	1	lump	2.00%	\$40,100.00
Traffic Control	1	lump	4.00%	\$80,200.00
Survey	1	lump	4.00%	\$80,200.00
				<b>\$391,000.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	11,940	cu yd	\$ 30.00	\$358,203.70
Granular Borrow (Plan Quantity)	4,081	cu yd	\$ 50.00	\$204,074.07
Untreated Base Course	3,995	Ton	\$ 75.00	\$299,606.25
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	3,513	Ton	\$ 135.00	\$474,204.38
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	24	Each	\$ 300.00	\$7,200.00
Concrete Curb and Gutter Type B1	2,900	ft	\$ 42.00	\$121,800.00
Perpendicular/Parallel Pedestrian Access Ramp	0	Each	\$ 4,300.00	\$0.00
Concrete Sidewalk	17,400	sq ft	\$ 11.00	\$191,400.00
				<b>\$1,666,488.40</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	921	ft	\$ 175.00	\$161,175.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	3	Each	\$ 6,000.00	\$18,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	3	Each	\$ 3,000.00	\$9,000.00
				<b>\$188,175.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No Signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (telephone,ATMS relocates, manholes, third party utilities)	1	lump	\$25,000.00	\$25,000.00
Street Lighting (spaced every 150')	10	Each	\$8,500.00	\$85,000.00
				<b>\$110,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$40,000.00	\$40,000.00
				<b>\$40,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	1	Lump	\$10,000.00	
				<b>\$0.00</b>

**BID ITEMS \$ 2,395,663.40**  
**Contingency (30%) \$ 718,699.02**  
**BID ITEMS TOTAL \$ 3,114,362.42**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per county website, it appears there is sufficient right of way.	168,200	sq ft	\$15.00	\$2,523,000.00
Assuming 5' wide construction easement required for length of project	14,500	sq ft	\$6.00	\$87,000.00
				<b>\$2,610,000.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$373,723.49	\$373,723.49
				<b>\$373,723.49</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$373,723.49	\$373,723.49
				<b>\$373,723.49</b>

**BID ITEMS TOTAL \$ 3,114,362.42**  
**NON-BID ITEMS TOTAL \$ 3,357,446.98**  
**GRAND TOTAL \$ 6,471,809.41**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Panorama View Drive new construction from Juniper Crest Road to Academy Parkway (Project 1-33)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$500,000.00
Public Information Services	1	lump	2.50%	\$131,600.00
Traffic Control	1	lump	7.50%	\$394,800.00
Survey	1	lump	2.00%	\$105,300.00
				<b>\$1,131,700.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	19,833	cu yd	\$ 30.00	\$595,000.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	15,606	Ton	\$ 75.00	\$1,170,421.88
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	6,587	Ton	\$ 135.00	\$889,197.75
Pavement Marking Paint	50	gal	\$ 100.00	\$5,000.00
Pavement Message (Preformed Thermoplastic)	10	Each	\$ 300.00	\$3,000.00
Concrete Curb and Gutter Type B1	12,600	ft	\$ 42.00	\$529,200.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	63,000	sq ft	\$ 11.00	\$693,000.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$3,936,419.63</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	3,602	ft	\$ 175.00	\$630,350.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	21	Each	\$ 6,000.00	\$126,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	21	Each	\$ 3,000.00	\$63,000.00
				<b>\$819,350.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$75,000.00	\$75,000.00
Street Lighting (spaced every 150')	42	Each	\$8,500.00	\$357,000.00
				<b>\$432,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 6,394,469.63**  
**Contingency (30%) \$ 1,918,340.89**  
**BID ITEMS TOTAL \$ 8,312,810.51**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	428,400	sq ft	\$15.00	\$6,426,000.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	31,500	sq ft	\$5.00	\$157,500.00
				<b>\$6,583,500.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$831,281.05	\$831,281.05
				<b>\$831,281.05</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$665,024.84	\$665,024.84
				<b>\$665,024.84</b>

**BID ITEMS TOTAL \$ 8,312,810.51**  
**NON-BID ITEMS TOTAL \$ 8,079,805.89**  
**GRAND TOTAL \$ 16,392,616.40**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Academy Parkway new construction from Panorama View Drive to MVC (Project 1-34)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$58,600.00
Public Information Services	1	lump	2.00%	\$12,400.00
Traffic Control	1	lump	4.00%	\$24,700.00
Survey	1	lump	4.00%	\$24,700.00
				<b>\$120,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	3,294	cu yd	\$ 30.00	\$98,814.81
Granular Borrow (Plan Quantity)	1,126	cu yd	\$ 50.00	\$56,296.30
Untreated Base Course	1,102	Ton	\$ 75.00	\$82,650.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	969	Ton	\$ 135.00	\$130,815.00
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	24	Each	\$ 300.00	\$7,200.00
Concrete Curb and Gutter Type B1	800	ft	\$ 42.00	\$33,600.00
Perpendicular/Parallel Pedestrian Access Ramp	0	Each	\$ 4,300.00	\$0.00
Concrete Sidewalk	4,800	sq ft	\$ 11.00	\$52,800.00
				<b>\$472,176.11</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	254	ft	\$ 175.00	\$44,450.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	1	Each	\$ 6,000.00	\$6,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	1	Each	\$ 3,000.00	\$3,000.00
				<b>\$53,450.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No Signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (telephone,ATMS relocates, manholes, third party utilities)	1	lump	\$25,000.00	\$25,000.00
Street Lighting (spaced every 150')	3	Each	\$8,500.00	\$25,500.00
				<b>\$50,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$40,000.00	\$40,000.00
				<b>\$40,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No Structures	1	Lump	\$10,000.00	
				<b>\$0.00</b>

**BID ITEMS \$** \$736,526.11  
**Contingency (30%) \$** \$220,957.83  
**BID ITEMS TOTAL \$** \$957,483.94

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Per county website, it appears there is sufficient right of way.	46,400	sq ft	\$15.00	\$696,000.00
Assuming 5' wide construction easement required for length of project	4,000	sq ft	\$6.00	\$24,000.00
				<b>\$720,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$114,898.07	\$114,898.07
				<b>\$114,898.07</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$114,898.07	\$114,898.07
				<b>\$114,898.07</b>

**BID ITEMS TOTAL \$** \$957,483.94  
**NON-BID ITEMS TOTAL \$** \$949,796.15  
**GRAND TOTAL \$** \$1,907,280.09

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Soleil Hills Drive new construction from Academy Parkway to Soleil Vista Drive (Project 1-35)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$591,100.00
Public Information Services	1	lump	2.50%	\$155,600.00
Traffic Control	1	lump	7.50%	\$466,700.00
Survey	1	lump	2.00%	\$124,500.00
				<b>\$1,337,900.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	23,375	cu yd	\$ 30.00	\$701,250.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	18,392	Ton	\$ 75.00	\$1,379,425.78
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	7,763	Ton	\$ 135.00	\$1,047,983.06
Pavement Marking Paint	50	gal	\$ 100.00	\$5,000.00
Pavement Message (Preformed Thermoplastic)	10	Each	\$ 300.00	\$3,000.00
Concrete Curb and Gutter Type B1	14,850	ft	\$ 42.00	\$623,700.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	74,250	sq ft	\$ 11.00	\$816,750.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$4,628,708.84</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	4,245	ft	\$ 175.00	\$742,875.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	25	Each	\$ 6,000.00	\$150,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	25	Each	\$ 3,000.00	\$75,000.00
				<b>\$967,875.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$125,000.00	\$125,000.00
Street Lighting (spaced every 150')	50	Each	\$8,500.00	\$425,000.00
				<b>\$550,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 7,559,483.84**  
**Contingency (30%) \$ 2,267,845.15**  
**BID ITEMS TOTAL \$ 9,827,329.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	504,900	sq ft	\$15.00	\$7,573,500.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	37,125	sq ft	\$5.00	\$185,625.00
				<b>\$7,759,125.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$982,732.90	\$982,732.90
				<b>\$982,732.90</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$786,186.32	\$786,186.32
				<b>\$786,186.32</b>

**BID ITEMS TOTAL \$ 9,827,329.00**  
**NON-BID ITEMS TOTAL \$ 9,528,044.22**  
**GRAND TOTAL \$ 19,355,373.22**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Soleil Vista Drive new construction from MVC to Soleil Hills Drive (Project 1-36)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$214,300.00
Public Information Services	1	lump	2.50%	\$56,400.00
Traffic Control	1	lump	7.50%	\$169,200.00
Survey	1	lump	2.00%	\$45,200.00
				<b>\$485,100.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	7,792	cu yd	\$ 30.00	\$233,750.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	6,131	Ton	\$ 75.00	\$459,808.59
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	2,588	Ton	\$ 135.00	\$349,327.69
Pavement Marking Paint	50	gal	\$ 100.00	\$5,000.00
Pavement Message (Preformed Thermoplastic)	10	Each	\$ 300.00	\$3,000.00
Concrete Curb and Gutter Type B1	4,950	ft	\$ 42.00	\$207,900.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	24,750	sq ft	\$ 11.00	\$272,250.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$1,582,636.28</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1,415	ft	\$ 175.00	\$247,625.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	9	Each	\$ 6,000.00	\$54,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	9	Each	\$ 3,000.00	\$27,000.00
				<b>\$328,625.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$125,000.00	\$125,000.00
Street Lighting (spaced every 150')	17	Each	\$8,500.00	\$144,500.00
				<b>\$269,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 2,740,861.28**  
**Contingency (30%) \$ 822,258.38**  
**BID ITEMS TOTAL \$ 3,563,119.67**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	168,300	sq ft	\$15.00	\$2,524,500.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	12,375	sq ft	\$5.00	\$61,875.00
				<b>\$2,586,375.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$356,311.97	\$356,311.97
				<b>\$356,311.97</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$285,049.57	\$285,049.57
				<b>\$285,049.57</b>

**BID ITEMS TOTAL \$ 3,563,119.67**  
**NON-BID ITEMS TOTAL \$ 3,227,736.54**  
**GRAND TOTAL \$ 6,790,856.21**



**ENGINEER'S ESTIMATE (2025 COSTS)**  
**McDougall Road new construction from existing McDougall Road to Mortimer Way (Project 1-38)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$128,500.00
Public Information Services	1	lump	1.00%	\$13,600.00
Traffic Control	1	lump	1.00%	\$13,600.00
Survey	1	lump	5.00%	\$67,600.00
				<b>\$223,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	2,057	cu yd	\$ 30.00	\$61,703.70
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	3,637	Ton	\$ 75.00	\$272,781.25
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	1,535	Ton	\$ 135.00	\$207,238.50
Pavement Marking Paint	77	gal	\$ 100.00	\$7,700.00
Pavement Message (Preformed Thermoplastic)	8	Each	\$ 300.00	\$2,400.00
Concrete Curb and Gutter Type B1	2,800	ft	\$ 42.00	\$117,600.00
Perpendicular/Parallel Pedestrian Access Ramp	6	Each	\$ 4,300.00	\$25,800.00
Concrete Sidewalk	14,000	sq ft	\$ 11.00	\$154,000.00
				<b>\$849,223.45</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	1501	ft	\$ 175.00	\$262,675.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	5	Each	\$ 6,000.00	\$30,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	5	Each	\$ 3,000.00	\$15,000.00
				<b>\$307,675.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications at Camp Williams Road	1	lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$30,000.00	\$30,000.00
Street Lighting (spaced every 150')	10	Each	\$8,000.00	\$80,000.00
				<b>\$110,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
None	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 1,575,198.45**  
**Contingency (20%) \$ 315,039.69**  
**BID ITEMS TOTAL \$ 1,890,238.14**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	95,200	sq ft	\$15.00	\$1,428,000.00
				<b>\$1,428,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$189,023.81	\$189,023.81
				<b>\$189,023.81</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$189,023.81	\$189,023.81
				<b>\$189,023.81</b>

**BID ITEMS TOTAL \$ 1,890,238.14**  
**NON-BID ITEMS TOTAL \$ 1,806,047.63**  
**GRAND TOTAL \$ 3,696,285.77**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**New Roadway new construction from 11800 South to Herriman Boulevard (Project 2-1)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$763,100.00
Public Information Services	1	lump	2.50%	\$200,900.00
Traffic Control	1	lump	7.50%	\$602,500.00
Survey	1	lump	2.00%	\$160,700.00
				<b>\$1,727,200.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	15,304	cu yd	\$ 30.00	\$459,119.63
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	27,062	Ton	\$ 75.00	\$2,029,687.34
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	11,422	Ton	\$ 135.00	\$1,542,002.47
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	20,834	ft	\$ 42.00	\$875,028.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	104,170	sq ft	\$ 11.00	\$1,145,870.00
				<b>\$6,064,833.44</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	5956	ft	\$ 175.00	\$1,042,300.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	35	Each	\$ 6,000.00	\$210,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	35	Each	\$ 3,000.00	\$105,000.00
				<b>\$1,357,300.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$7,500.00	\$7,500.00
Street Lighting (spaced every 150')	70	Each	\$8,500.00	\$595,000.00
				<b>\$602,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 9,759,333.44**  
**Contingency (20%) \$ 1,951,866.69**  
**BID ITEMS TOTAL \$ 11,711,200.13**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	708,356	sq ft	\$15.00	\$10,625,340.00
				<b>\$10,625,340.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$936,896.01	\$936,896.01
				<b>\$936,896.01</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$936,896.01	\$936,896.01
				<b>\$936,896.01</b>

**BID ITEMS TOTAL \$ 11,711,200.13**  
**NON-BID ITEMS TOTAL \$ 12,499,132.02**  
**GRAND TOTAL \$ 24,210,332.15**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**6800 West new construction from 11800 South to Herriman Boulevard (Project 2-2)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$314,100.00
Public Information Services	1	lump	2.50%	\$82,700.00
Traffic Control	1	lump	7.50%	\$248,000.00
Survey	1	lump	2.00%	\$66,200.00
				<b>\$711,000.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	6,248	cu yd	\$ 30.00	\$187,447.04
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	11,049	Ton	\$ 75.00	\$828,670.47
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	4,663	Ton	\$ 135.00	\$629,560.96
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	8,506	ft	\$ 42.00	\$357,252.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	42,530	sq ft	\$ 11.00	\$467,830.00
				<b>\$2,483,886.46</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	2432	ft	\$ 175.00	\$425,600.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	15	Each	\$ 6,000.00	\$90,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	15	Each	\$ 3,000.00	\$45,000.00
				<b>\$560,600.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$7,500.00	\$7,500.00
Street Lighting (spaced every 150')	29	Each	\$8,500.00	\$246,500.00
				<b>\$254,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 4,016,986.46**  
**Contingency (20%) \$ 803,397.29**  
**BID ITEMS TOTAL \$ 4,820,383.76**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	289,204	sq ft	\$15.00	\$4,338,060.00
				<b>\$4,338,060.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$385,630.70	\$385,630.70
				<b>\$385,630.70</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$385,630.70	\$385,630.70
				<b>\$385,630.70</b>

**BID ITEMS TOTAL \$ 4,820,383.76**  
**NON-BID ITEMS TOTAL \$ 5,109,321.40**  
**GRAND TOTAL \$ 9,929,705.16**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**New Roadway new construction from Herriman border to 7600 West (Project 2-3)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$297,000.00
Public Information Services	1	lump	1.00%	\$31,300.00
Traffic Control	1	lump	15.00%	\$468,900.00
Survey	1	lump	5.00%	\$156,300.00
				<b>\$953,500.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	10,628	cu yd	\$ 30.00	\$318,844.44
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course	8,771	Ton	\$ 75.00	\$657,792.50
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	4,627	Ton	\$ 135.00	\$624,676.05
Pavement Marking Paint	200	gal	\$ 100.00	\$20,000.00
Pavement Message (Preformed Thermoplastic)	60	Each	\$ 300.00	\$18,000.00
Concrete Curb and Gutter Type B1	7,090	ft	\$ 42.00	\$297,763.20
Perpendicular/Parallel Pedestrian Access Ramp	24	Each	\$ 4,300.00	\$103,200.00
Concrete Sidewalk	35,448	sq ft	\$ 11.00	\$389,928.00
				<b>\$2,430,204.19</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1930	ft	\$ 175.00	\$337,750.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	12	Each	\$ 6,000.00	\$72,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	12	Each	\$ 3,000.00	\$36,000.00
				<b>\$445,750.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal Modifications at Rose Crest	1	lump		\$0.00
Signal Modifications at Morning Cloak	1	lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (Misc. utilities such as fiber optic, telephone, etc.)	1	lump	\$200,000.00	\$200,000.00
				<b>\$200,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$50,000.00	\$50,000.00
				<b>\$50,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 4,079,454.19**  
**Contingency (30%) \$ 1,223,836.26**  
**BID ITEMS TOTAL \$ 5,303,290.45**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way	229,568	sq ft	\$15.00	\$3,443,520.00
				<b>\$3,443,520.00</b>

<b>Design Engineering (15% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (15% of Bid Items)	1	lump	\$795,493.57	\$795,493.57
				<b>\$795,493.57</b>

<b>Construction Management (15% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (15% of Bid Items)	1	lump	\$795,493.57	\$795,493.57
				<b>\$795,493.57</b>

**BID ITEMS TOTAL \$ 5,303,290.45**  
**NON-BID ITEMS TOTAL \$ 5,034,507.14**  
**GRAND TOTAL \$ 10,337,797.59**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Silver Sky Drive new construction from Herriman border to 7600 West (Project 2-4)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$420,500.00
Public Information Services	1	lump	2.50%	\$110,700.00
Traffic Control	1	lump	7.50%	\$332,000.00
Survey	1	lump	2.00%	\$88,600.00
				<b>\$951,800.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	8,383	cu yd	\$ 30.00	\$251,486.67
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	14,824	Ton	\$ 75.00	\$1,111,778.44
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	6,257	Ton	\$ 135.00	\$844,644.92
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	11,412	ft	\$ 42.00	\$479,304.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	57,060	sq ft	\$ 11.00	\$627,660.00
				<b>\$3,328,000.02</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	3262	ft	\$ 175.00	\$570,850.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	20	Each	\$ 6,000.00	\$120,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	20	Each	\$ 3,000.00	\$60,000.00
				<b>\$750,850.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$7,500.00	\$7,500.00
Street Lighting (spaced every 150')	39	Each	\$8,500.00	\$331,500.00
				<b>\$339,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 5,377,150.02**  
**Contingency (20%) \$ 1,075,430.00**  
**BID ITEMS TOTAL \$ 6,452,580.02**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	388,008	sq ft	\$15.00	\$5,820,120.00
				<b>\$5,820,120.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$516,206.40	\$516,206.40
				<b>\$516,206.40</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$516,206.40	\$516,206.40
				<b>\$516,206.40</b>

**BID ITEMS TOTAL \$ 6,452,580.02**  
**NON-BID ITEMS TOTAL \$ 6,852,532.80**  
**GRAND TOTAL \$ 13,305,112.83**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**13400 South widening from Rosecrest Road to 5200 West (Project 2-5)**

**BID ITEMS**

<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$235,000.00
Public Information Services	1	lump	1.00%	\$24,800.00
Traffic Control	1	lump	15.00%	\$371,100.00
Survey	1	lump	5.00%	\$123,700.00
				<b>\$754,600.00</b>

**ROADWAY**

Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	5,643	ft	\$ 12.00	\$67,712.40
Remove Concrete Sidewalk	3,135	sq yd	\$ 28.00	\$87,775.33
Roadway Excavation (Plan Quantity)	4,777	cu yd	\$ 30.00	\$143,306.67
Granular Borrow (Plan Quantity)	2,388	cu yd	\$ 50.00	\$119,422.22
Untreated Base Course	2,338	Ton	\$ 75.00	\$175,326.75
Remove Concrete Driveway	500	sq yd	\$ 28.00	\$14,000.00
HMA - 1/2 inch	2,056	Ton	\$ 135.00	\$277,499.93
Pavement Marking Paint	200	gal	\$ 100.00	\$20,000.00
Pavement Message (Preformed Thermoplastic)	60	Each	\$ 300.00	\$18,000.00
Concrete Curb and Gutter Type B1	5,643	ft	\$ 42.00	\$236,993.40
Perpendicular/Parallel Pedestrian Access Ramp	24	Each	\$ 4,300.00	\$103,200.00
Concrete Sidewalk	28,214	sq ft	\$ 11.00	\$310,348.50
				<b>\$1,573,585.20</b>

**DRAINAGE & IRRIGATION**

Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1537	ft	\$ 175.00	\$268,975.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	9	Each	\$ 6,000.00	\$54,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	9	Each	\$ 3,000.00	\$27,000.00
				<b>\$349,975.00</b>

**SIGNAL SYSTEM**

Description	Quantity	Unit	Unit Price	Amount
Signal Modifications at Rose Crest	1	lump	\$125,000.00	\$125,000.00
Signal Modifications at Morning Cloak	1	lump	\$125,000.00	\$125,000.00
				<b>\$250,000.00</b>

**UTILITIES**

Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (Misc. utilities such as fiber optic, telephone, etc.)	1	lump	\$200,000.00	\$200,000.00
				<b>\$200,000.00</b>

**LANDSCAPING**

Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$100,000.00	\$100,000.00
				<b>\$100,000.00</b>

**Structures**

Description	Quantity	Unit	Unit Price	Amount
No structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 3,228,160.20**  
**Contingency (30%) \$ 968,448.06**  
**BID ITEMS TOTAL \$ 4,196,608.26**

**NON-BID ITEMS**

Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming no right of way required and that all is owned by UDOT.)	0	sq ft	\$0.00	\$0.00
				<b>\$0.00</b>

**Design Engineering (15% of Bid Items)**

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (15% of Bid Items)	1	lump	\$629,491.24	\$629,491.24
				<b>\$629,491.24</b>

**Construction Management (15% of Bid Items)**

Description	Quantity	Unit	Unit Price	Amount
Construction Management (15% of Bid Items)	1	lump	\$629,491.24	\$629,491.24
				<b>\$629,491.24</b>

**BID ITEMS TOTAL \$ 4,196,608.26**  
**NON-BID ITEMS TOTAL \$ 1,258,982.48**  
**GRAND TOTAL \$ 5,455,590.73**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**7300 West new construction from Mountain Mare Lane to Rose Canyon Road (Project 2-6)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$185,300.00
Public Information Services	1	lump	2.50%	\$48,800.00
Traffic Control	1	lump	7.50%	\$146,300.00
Survey	1	lump	2.00%	\$39,100.00
				<b>\$419,500.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	6,781	cu yd	\$ 30.00	\$203,433.33
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	5,336	Ton	\$ 75.00	\$400,172.81
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	2,252	Ton	\$ 135.00	\$304,020.95
Pavement Marking Paint	50	gal	\$ 100.00	\$5,000.00
Pavement Message (Preformed Thermoplastic)	10	Each	\$ 300.00	\$3,000.00
Concrete Curb and Gutter Type B1	4,308	ft	\$ 42.00	\$180,936.00
Perpendicular/Parallel Pedestrian Access Ramp	12	Each	\$ 4,300.00	\$51,600.00
Concrete Sidewalk	21,540	sq ft	\$ 11.00	\$236,940.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$1,385,103.09</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1,232	ft	\$ 175.00	\$215,600.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	8	Each	\$ 6,000.00	\$48,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	8	Each	\$ 3,000.00	\$24,000.00
				<b>\$287,600.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$75,000.00	\$75,000.00
Street Lighting (spaced every 150')	15	Each	\$8,500.00	\$127,500.00
				<b>\$202,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 2,369,703.09**  
**Contingency (30%) \$ 710,910.93**  
**BID ITEMS TOTAL \$ 3,080,614.02**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming an average existing right of way of 40', will need an additional 30' for length of project)	146,472	sq ft	\$15.00	\$2,197,080.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	10,770	sq ft	\$5.00	\$53,850.00
				<b>\$2,250,930.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$308,061.40	\$308,061.40
				<b>\$308,061.40</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$246,449.12	\$246,449.12
				<b>\$246,449.12</b>

**BID ITEMS TOTAL \$ 3,080,614.02**  
**NON-BID ITEMS TOTAL \$ 2,805,440.52**  
**GRAND TOTAL \$ 5,886,054.54**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Rose Canyon Road widening from Herriman border to Spring Canyon Drive (Project 2-7)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$171,300.00
Public Information Services	1	lump	2.50%	\$45,100.00
Traffic Control	1	lump	7.50%	\$135,300.00
Survey	1	lump	2.00%	\$36,100.00
				<b>\$387,800.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	6,451	ft	\$ 12.00	\$77,414.40
Remove Concrete Sidewalk	4,301	sq yd	\$ 28.00	\$120,422.40
Roadway Excavation (Plan Quantity)	2,276	cu yd	\$ 30.00	\$68,266.67
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	2,970	Ton	\$ 75.00	\$222,720.00
Remove Concrete Driveway	300	sq yd	\$ 28.00	\$8,400.00
HMA - 1/2 inch	1,175	Ton	\$ 135.00	\$158,630.40
Pavement Marking Paint	50	gal	\$ 100.00	\$5,000.00
Pavement Message (Preformed Thermoplastic)	10	Each	\$ 300.00	\$3,000.00
Concrete Curb and Gutter Type B1	6,451	ft	\$ 42.00	\$270,950.40
Perpendicular/Parallel Pedestrian Access Ramp	20	Each	\$ 4,300.00	\$86,000.00
Concrete Sidewalk	32,256	sq ft	\$ 11.00	\$354,816.00
Remove Asphalt Pavement	0	sq yd	\$ 10.00	\$0.00
				<b>\$1,375,620.27</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe		ft	\$ 175.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	11	Each	\$ 6,000.00	\$66,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	11	Each	\$ 3,000.00	\$33,000.00
				<b>\$99,000.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
No signals	0	lump	\$0.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility pole relocations (assume up to 10 poles)		Each	\$15,000.00	\$0.00
Misc. relocations (fire hydrants, Manhole Reconstructs, third party relocations)	1	lump	\$75,000.00	\$75,000.00
Street Lighting (spaced every 150')	21	Each	\$8,500.00	\$178,500.00
				<b>\$253,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	1	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 2,190,920.27**  
**Contingency (30%) \$ 657,276.08**  
**BID ITEMS TOTAL \$ 2,848,196.35**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way	49,152	sq ft	\$15.00	\$737,280.00
Right-of-way Easements (Assuming 5' wide easement required for length of project at \$5/ sq ft)	15,360	sq ft	\$5.00	\$76,800.00
				<b>\$814,080.00</b>

<b>Design Engineering</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$284,819.63	\$284,819.63
				<b>\$284,819.63</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$227,855.71	\$227,855.71
				<b>\$227,855.71</b>

**BID ITEMS TOTAL \$ 2,848,196.35**  
**NON-BID ITEMS TOTAL \$ 1,326,755.34**  
**GRAND TOTAL \$ 4,174,951.69**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Blayde Drive new construction from Desert Lily Circle to Desert Wash Way (Project 2-8)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$34,800.00
Public Information Services	1	lump	2.50%	\$9,200.00
Traffic Control	1	lump	7.50%	\$27,500.00
Survey	1	lump	2.00%	\$7,400.00
				<b>\$78,900.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	635	cu yd	\$ 30.00	\$19,040.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,122	Ton	\$ 75.00	\$84,172.50
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	474	Ton	\$ 135.00	\$63,947.88
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	864	ft	\$ 42.00	\$36,288.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	4,320	sq ft	\$ 11.00	\$47,520.00
				<b>\$264,094.38</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	247	ft	\$ 175.00	\$43,225.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	2	Each	\$ 6,000.00	\$12,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	2	Each	\$ 3,000.00	\$6,000.00
				<b>\$61,225.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$7,500.00	\$7,500.00
Street Lighting (spaced every 150')	3	Each	\$8,500.00	\$25,500.00
				<b>\$33,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 444,719.38**  
**Contingency (20%) \$ 88,943.88**  
**BID ITEMS TOTAL \$ 533,663.26**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	29,376	sq ft	\$15.00	\$440,640.00
				<b>\$440,640.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$42,693.06	\$42,693.06
				<b>\$42,693.06</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$42,693.06	\$42,693.06
				<b>\$42,693.06</b>

**BID ITEMS TOTAL \$ 533,663.26**  
**NON-BID ITEMS TOTAL \$ 526,026.12**  
**GRAND TOTAL \$ 1,059,689.38**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Sentinel Ridge Boulevard widening from Rosecrest Road to Real Vista Way (Project 2-9)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$262,300.00
Public Information Services	1	lump	1.00%	\$27,700.00
Traffic Control	1	lump	15.00%	\$414,200.00
Survey	1	lump	5.00%	\$138,100.00
				<b>\$842,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	7,350	ft	\$ 12.00	\$88,200.00
Remove Concrete Sidewalk	4,083	sq yd	\$ 28.00	\$114,333.33
Roadway Excavation (Plan Quantity)	6,222	cu yd	\$ 30.00	\$186,666.67
Granular Borrow (Plan Quantity)	3,111	cu yd	\$ 50.00	\$155,555.56
Untreated Base Course	3,045	Ton	\$ 75.00	\$228,375.00
Remove Concrete Driveway	500	sq yd	\$ 28.00	\$14,000.00
HMA - 1/2 inch	2,678	Ton	\$ 135.00	\$361,462.50
Pavement Marking Paint	200	gal	\$ 100.00	\$20,000.00
Pavement Message (Preformed Thermoplastic)	60	Each	\$ 300.00	\$18,000.00
Concrete Curb and Gutter Type B1	7,350	ft	\$ 42.00	\$308,700.00
Perpendicular/Parallel Pedestrian Access Ramp	24	Each	\$ 4,300.00	\$103,200.00
Concrete Sidewalk	36,750	sq ft	\$ 11.00	\$404,250.00
				<b>\$2,002,743.06</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	2001	ft	\$ 175.00	\$350,175.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	12	Each	\$ 6,000.00	\$72,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	12	Each	\$ 3,000.00	\$36,000.00
				<b>\$458,175.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal Modifications at Rose Crest	1	lump		\$0.00
Signal Modifications at Morning Cloak	1	lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (Misc. utilities such as fiber optic, telephone, etc.)	1	lump	\$200,000.00	\$200,000.00
				<b>\$200,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$100,000.00	\$100,000.00
				<b>\$100,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
No structures	0	Lump	\$0.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 3,603,218.06**  
**Contingency (30%) \$ 1,080,965.42**  
**BID ITEMS TOTAL \$ 4,684,183.47**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming no right of way required and that all is owned by UDOT.	84,000	sq ft	\$15.00	\$1,260,000.00
				<b>\$1,260,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (15% of Bid Items)	1	lump	\$702,627.52	\$702,627.52
				<b>\$702,627.52</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (15% of Bid Items)	1	lump	\$702,627.52	\$702,627.52
				<b>\$702,627.52</b>

**BID ITEMS TOTAL \$ 4,684,183.47**  
**NON-BID ITEMS TOTAL \$ 2,665,255.04**  
**GRAND TOTAL \$ 7,349,438.51**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Real Vista Drive widening from SLCC access to 14400 South (Bluffdale) (Project 2-10)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$227,600.00
Public Information Services	1	lump	1.00%	\$24,000.00
Traffic Control	1	lump	15.00%	\$359,300.00
Survey	1	lump	5.00%	\$119,800.00
				<b>\$730,700.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	4,574	ft	\$ 12.00	\$54,885.60
Remove Concrete Sidewalk	2,541	sq yd	\$ 28.00	\$71,148.00
Roadway Excavation (Plan Quantity)	3,872	cu yd	\$ 30.00	\$116,160.00
Granular Borrow (Plan Quantity)	1,936	cu yd	\$ 50.00	\$96,800.00
Untreated Base Course	1,895	Ton	\$ 75.00	\$142,114.50
Remove Concrete Driveway	500	sq yd	\$ 28.00	\$14,000.00
HMA - 1/2 inch	1,666	Ton	\$ 135.00	\$224,932.95
Pavement Marking Paint	200	gal	\$ 100.00	\$20,000.00
Pavement Message (Preformed Thermoplastic)	60	Each	\$ 300.00	\$18,000.00
Concrete Curb and Gutter Type B1	4,574	ft	\$ 42.00	\$192,099.60
Perpendicular/Parallel Pedestrian Access Ramp	24	Each	\$ 4,300.00	\$103,200.00
Concrete Sidewalk	22,869	sq ft	\$ 11.00	\$251,559.00
				<b>\$1,304,899.65</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
18 Inch Irrigation HDPE Pipe	1246	ft	\$ 175.00	\$218,050.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	8	Each	\$ 6,000.00	\$48,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	8	Each	\$ 3,000.00	\$24,000.00
				<b>\$290,050.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal Modifications at Rose Crest	1	lump		\$0.00
Signal Modifications at Morning Cloak	1	lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (Misc. utilities such as fiber optic, telephone, etc.)	1	lump	\$200,000.00	\$200,000.00
				<b>\$200,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$100,000.00	\$100,000.00
				<b>\$100,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
Canal Crossing	1	Lump	\$500,000.00	\$500,000.00
				<b>\$500,000.00</b>

**BID ITEMS \$ 3,125,649.65**  
**Contingency (30%) \$ 937,694.90**  
**BID ITEMS TOTAL \$ 4,063,344.55**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming no right of way required and that all is owned by UDOT.)	52,272	sq ft	\$15.00	\$784,080.00
				<b>\$784,080.00</b>

<b>Design Engineering (15% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (15% of Bid Items)	1	lump	\$609,501.68	\$609,501.68
				<b>\$609,501.68</b>

<b>Construction Management (15% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (15% of Bid Items)	1	lump	\$609,501.68	\$609,501.68
				<b>\$609,501.68</b>

**BID ITEMS TOTAL \$ 4,063,344.55**  
**NON-BID ITEMS TOTAL \$ 2,003,083.36**  
**GRAND TOTAL \$ 6,066,427.91**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**McDougall Road new construction from Mortimer Way to Jordan Narrows Road (Project 2-11)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$476,700.00
Public Information Services	1	lump	2.50%	\$125,500.00
Traffic Control	1	lump	7.50%	\$376,300.00
Survey	1	lump	2.00%	\$100,400.00
				<b>\$1,078,900.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	9,529	cu yd	\$ 30.00	\$285,864.44
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	16,850	Ton	\$ 75.00	\$1,263,756.56
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	7,112	Ton	\$ 135.00	\$960,106.37
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	12,972	ft	\$ 42.00	\$544,824.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	64,860	sq ft	\$ 11.00	\$713,460.00
				<b>\$3,781,137.37</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	3708	ft	\$ 175.00	\$648,900.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	22	Each	\$ 6,000.00	\$132,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	22	Each	\$ 3,000.00	\$66,000.00
				<b>\$846,900.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$7,500.00	\$7,500.00
Street Lighting (spaced every 150')	44	Each	\$8,500.00	\$374,000.00
				<b>\$381,500.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 6,095,937.37**  
**Contingency (20%) \$ 1,219,187.47**  
**BID ITEMS TOTAL \$ 7,315,124.85**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	441,048	sq ft	\$15.00	\$6,615,720.00
				<b>\$6,615,720.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$585,209.99	\$585,209.99
				<b>\$585,209.99</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$585,209.99	\$585,209.99
				<b>\$585,209.99</b>

**BID ITEMS TOTAL \$ 7,315,124.85**  
**NON-BID ITEMS TOTAL \$ 7,786,139.98**  
**GRAND TOTAL \$ 15,101,264.82**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Bruin View Drive new construction from Bella Bluff Drive to 4000 West (Bluffdale) (Project 3-1)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$50,100.00
Public Information Services	1	lump	2.50%	\$13,200.00
Traffic Control	1	lump	7.50%	\$39,600.00
Survey	1	lump	2.00%	\$10,600.00
				<b>\$113,500.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	926	cu yd	\$ 30.00	\$27,766.67
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,637	Ton	\$ 75.00	\$122,751.56
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	691	Ton	\$ 135.00	\$93,257.33
Pavement Marking Paint	33	gal	\$ 100.00	\$3,326.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1	1,260	ft	\$ 42.00	\$52,920.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk	6,300	sq ft	\$ 11.00	\$69,300.00
				<b>\$379,121.55</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	361	ft	\$ 175.00	\$63,175.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	3	Each	\$ 6,000.00	\$18,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	3	Each	\$ 3,000.00	\$9,000.00
				<b>\$90,175.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$7,500.00	\$7,500.00
Street Lighting (spaced every 150')	5	Each	\$8,500.00	\$42,500.00
				<b>\$50,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping	1	Lump	\$7,500.00	\$7,500.00
				<b>\$7,500.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 640,296.55**  
**Contingency (20%) \$ 128,059.31**  
**BID ITEMS TOTAL \$ 768,355.87**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming full roadway area to 1' behind walk)	42,840	sq ft	\$15.00	\$642,600.00
				<b>\$642,600.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (8% of Bid Items)	1	lump	\$61,468.47	\$61,468.47
				<b>\$61,468.47</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (8% of Bid Items)	1	lump	\$61,468.47	\$61,468.47
				<b>\$61,468.47</b>

**BID ITEMS TOTAL \$ 768,355.87**  
**NON-BID ITEMS TOTAL \$ 765,536.94**  
**GRAND TOTAL \$ 1,533,892.80**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
 SR-111 / 11800 South (Project 1-A)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,700.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	3.00%	\$11,800.00
Survey	1	lump	2.00%	\$7,900.00
				<b>\$43,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$400,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$12,000.00	\$12,000.00
				\$0.00
				<b>\$12,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$17,000.00	\$17,000.00
				<b>\$17,000.00</b>

**BID ITEMS \$ 436,600.00**  
**Contingency (10%) \$ 43,660.00**  
**BID ITEMS TOTAL \$ 480,260.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assume some corner clips for signal foundations	700	sq ft	\$15.00	\$10,500.00
				<b>\$10,500.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$48,026.00	\$48,026.00
				<b>\$48,026.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$28,815.60	\$28,815.60
				<b>\$28,815.60</b>

**BID ITEMS TOTAL \$ 480,260.00**  
**NON-BID ITEMS TOTAL \$ 87,341.60**  
**GRAND TOTAL \$ 567,601.60**



**ENGINEER'S ESTIMATE (2025 COSTS)**  
Silver Pond Drive / 11800 South (Project 1-C)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,700.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	3.00%	\$11,800.00
Survey	1	lump	2.00%	\$7,900.00
				<b>\$43,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$350,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$12,000.00	\$12,000.00
				\$0.00
				<b>\$12,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$17,000.00	\$17,000.00
				<b>\$17,000.00</b>

BID ITEMS \$ 436,600.00  
Contingency (10%) \$ 43,660.00  
BID ITEMS TOTAL \$ 480,260.00

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assume some corner clips for signal foundations	700	sq ft	\$15.00	\$10,500.00
				<b>\$10,500.00</b>

<b>Design</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$48,026.00	\$48,026.00
				<b>\$48,026.00</b>

<b>Construction Management</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$28,815.60	\$28,815.60
				<b>\$28,815.60</b>

BID ITEMS TOTAL \$ 480,260.00  
NON-BID ITEMS TOTAL \$ 87,341.60  
GRAND TOTAL \$ 567,601.60

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Flying Fish Drive / 11800 South (Project 1-D)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,700.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	3.00%	\$11,800.00
Survey	1	lump	2.00%	\$7,900.00
				<b>\$43,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$350,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$12,000.00	\$12,000.00
				\$0.00
				<b>\$12,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$17,000.00	\$17,000.00
				<b>\$17,000.00</b>

BID ITEMS \$ 436,600.00  
Contingency (10%) \$ 43,660.00  
BID ITEMS TOTAL \$ 480,260.00

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assume some corner clips for signal foundations	700	sq ft	\$15.00	\$10,500.00
				<b>\$10,500.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$48,026.00	\$48,026.00
				<b>\$48,026.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$28,815.60	\$28,815.60
				<b>\$28,815.60</b>

BID ITEMS TOTAL \$ 480,260.00  
NON-BID ITEMS TOTAL \$ 87,341.60  
GRAND TOTAL \$ 567,601.60

**ENGINEER'S ESTIMATE (2025 COSTS)  
Prosperity Road / 11800 South (Project 1-E)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,600.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	3.00%	\$11,800.00
Survey	1	lump	2.00%	\$7,900.00
				<b>\$43,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	30	gal	\$ 100.00	\$3,000.00
Pavement Message (Preformed Thermoplastic)	16	Each	\$ 300.00	\$4,800.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$16,400.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$350,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration	1	Lump	\$15,000.00	\$15,000.00
				<b>\$15,000.00</b>

**BID ITEMS \$ 434,700.00**  
**Contingency (10%) \$ 43,470.00**  
**BID ITEMS TOTAL \$ 478,170.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (Assuming right of way clips on each corner for signal equipment)	1,000	sq ft	\$15.00	\$15,000.00
				<b>\$15,000.00</b>

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$47,817.00	\$47,817.00
				<b>\$47,817.00</b>

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$28,690.20	\$28,690.20
				<b>\$28,690.20</b>

**BID ITEMS TOTAL \$ 478,170.00**  
**NON-BID ITEMS TOTAL \$ 91,507.20**  
**GRAND TOTAL \$ 569,677.20**

ENGINEER'S ESTIMATE (2025 COSTS)  
Willow Walk Drive / 11800 South (Project 1-F)

BID ITEMS				
GENERAL				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,700.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	3.00%	\$11,800.00
Survey	1	lump	2.00%	\$7,900.00
				\$43,400.00

ROADWAY				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				\$14,200.00

DRAINAGE & IRRIGATION				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				\$0.00

SIGNAL SYSTEM				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$350,000.00	\$350,000.00
				\$350,000.00

UTILITIES				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$12,000.00	\$12,000.00
				\$0.00
				\$12,000.00

LANDSCAPING				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				\$0.00

ATMS				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$17,000.00	\$17,000.00
				\$17,000.00

BID ITEMS \$ 436,600.00  
Contingency (10%) \$ 43,660.00  
BID ITEMS TOTAL \$ 480,260.00

NON-BID ITEMS				
Description	Quantity	Unit	Unit Price	Amount
Assume some corner clips for signal foundations	700	sq ft	\$15.00	\$10,500.00
				\$10,500.00

Design Engineering				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$48,026.00	\$48,026.00
				\$48,026.00

Construction Management				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$28,815.60	\$28,815.60
				\$28,815.60

BID ITEMS TOTAL \$ 480,260.00  
NON-BID ITEMS TOTAL \$ 87,341.60  
GRAND TOTAL \$ 567,601.60

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Miller Crossing Drive / 12560 South (Project 1-G)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$18,600.00
Public Information Services	1	lump	1.00%	\$3,800.00
Traffic Control	1	lump	3.00%	\$11,200.00
Survey	1	lump	2.00%	\$7,500.00
				<b>\$41,100.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$325,000.00	\$325,000.00
				<b>\$325,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$10,000.00	\$12,000.00
				\$0.00
				<b>\$12,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

**BID ITEMS \$ 412,300.00**  
**Contingency (10%) \$ 41,230.00**  
**BID ITEMS TOTAL \$ 453,530.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips for corners in order to place signal equipment	1,000	sq ft	\$15.00	\$15,000.00
				<b>\$15,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$45,353.00	\$45,353.00
				<b>\$45,353.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$27,211.80	\$27,211.80
				<b>\$27,211.80</b>

**BID ITEMS TOTAL \$ 453,530.00**  
**NON-BID ITEMS TOTAL \$ 87,564.80**  
**GRAND TOTAL \$ 541,094.80**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**SR-111 / New Roadway (Project 1-H)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,700.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	3.00%	\$11,800.00
Survey	1	lump	2.00%	\$7,900.00
				<b>\$43,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$400,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$12,000.00	\$12,000.00
				\$0.00
				<b>\$12,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$17,000.00	\$17,000.00
				<b>\$17,000.00</b>

**BID ITEMS \$ 436,600.00**  
**Contingency (10%) \$ 43,660.00**  
**BID ITEMS TOTAL \$ 480,260.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assume some corner clips for signal foundations	700	sq ft	\$15.00	\$10,500.00
				<b>\$10,500.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$48,026.00	\$48,026.00
				<b>\$48,026.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$28,815.60	\$28,815.60
				<b>\$28,815.60</b>

**BID ITEMS TOTAL \$ 480,260.00**  
**NON-BID ITEMS TOTAL \$ 87,341.60**  
**GRAND TOTAL \$ 567,601.60**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Dansie Boulevard / Herriman Boulevard (Project 1-I)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$18,600.00
Public Information Services	1	lump	1.00%	\$3,800.00
Traffic Control	1	lump	3.00%	\$11,200.00
Survey	1	lump	2.00%	\$7,500.00
				<b>\$41,100.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	16	Each	\$ 300.00	\$4,800.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$15,400.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$325,000.00	\$325,000.00
				<b>\$325,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
				<b>\$0.00</b>
				<b>\$15,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$15,000.00	\$15,000.00
				<b>\$15,000.00</b>

**BID ITEMS \$ 411,500.00**  
**Contingency (10%) \$ 41,150.00**  
**BID ITEMS TOTAL \$ 452,650.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips will be coordinated with roadway design	0	sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$45,265.00	\$45,265.00
				<b>\$45,265.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$27,159.00	\$27,159.00
				<b>\$27,159.00</b>

**BID ITEMS TOTAL \$ 452,650.00**  
**NON-BID ITEMS TOTAL \$ 72,424.00**  
**GRAND TOTAL \$ 525,074.00**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
6400 West / Herriman Boulevard (Project 1-J)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$18,800.00
Public Information Services	1	lump	1.00%	\$3,800.00
Traffic Control	1	lump	3.00%	\$11,300.00
Survey	1	lump	2.00%	\$7,600.00
				<b>\$41,500.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	16	Each	\$ 300.00	\$4,800.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$15,400.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$325,000.00	\$325,000.00
				<b>\$325,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$15,000.00	\$15,000.00
				<b>\$15,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

**BID ITEMS \$ 416,900.00**  
**Contingency (10%) \$ 41,690.00**  
**BID ITEMS TOTAL \$ 458,590.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips on all 4 corners	1,500	sq ft	\$15.00	\$22,500.00
				<b>\$22,500.00</b>

<b>Design Engineering (10% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$45,859.00	\$45,859.00
				<b>\$45,859.00</b>

<b>Construction Management (6% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$27,515.40	\$27,515.40
				<b>\$27,515.40</b>

**BID ITEMS TOTAL \$ 458,590.00**  
**NON-BID ITEMS TOTAL \$ 95,874.40**  
**GRAND TOTAL \$ 554,464.40**



**ENGINEER'S ESTIMATE (2025 COSTS)**  
Anthem Park Boulevard / Herriman Boulevard (Project 1-L)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$40,500.00
Public Information Services	1	lump	1.00%	\$8,100.00
Traffic Control	1	lump	5.00%	\$40,500.00
Survey	1	lump	5.00%	\$40,500.00
				<b>\$129,600.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	1200	ft	\$ 12.00	\$14,400.00
Remove Concrete Sidewalk	333	sq yd	\$ 28.00	\$9,333.33
Roadway Excavation (Plan Quantity)	333	cu yd	\$ 30.00	\$10,000.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	435	Ton	\$ 75.00	\$32,625.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	230	Ton	\$ 135.00	\$30,982.50
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	16	Each	\$ 300.00	\$4,800.00
Concrete Curb and Gutter Type B1	1200	ft	\$ 42.00	\$50,400.00
Perpendicular/Parallel Pedestrian Access Ramp	4	Each	\$ 4,300.00	\$17,200.00
Concrete Sidewalk	6000	sq ft	\$ 11.00	\$66,000.00
				<b>\$245,740.83</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	200	ft	\$ 175.00	\$35,000.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	8	Each	\$ 6,000.00	\$48,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$83,000.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications for southwest and northeast corners	1	lump	\$350,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency	1	lump	\$75,000.00	\$75,000.00
				<b>\$75,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping	1	Lump	\$50,000.00	\$50,000.00
				<b>\$50,000.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Updates to tie into modified signal)	1	Lump	\$5,000.00	\$5,000.00
				<b>\$5,000.00</b>

**BID ITEMS \$ 938,340.83**  
**Contingency (30%) \$ 281,502.25**  
**BID ITEMS TOTAL \$ 1,219,843.08**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
New right of way on southwest and northeast corners	6,400	sq ft	\$15.00	\$96,000.00
5' construction easement	4,000	sq ft	\$5.00	\$20,000.00
				<b>\$116,000.00</b>

<b>DESIGN</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (15% of Bid Items)	1	lump	\$182,976.46	\$182,976.46
				<b>\$182,976.46</b>

<b>CONSTRUCTION MANAGEMENT</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$121,984.31	\$121,984.31
				<b>\$121,984.31</b>

**BID ITEMS TOTAL \$ 1,219,843.08**  
**NON-BID ITEMS TOTAL \$ 420,960.77**  
**GRAND TOTAL \$ 1,640,803.85**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Boulevard / Herriman Main Street (Project 1-M)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$29,400.00
Public Information Services	1	lump	1.00%	\$5,900.00
Traffic Control	1	lump	5.00%	\$29,400.00
Survey	1	lump	5.00%	\$29,400.00
				<b>\$94,100.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	400	ft	\$ 12.00	\$4,800.00
Remove Concrete Sidewalk	222	sq yd	\$ 28.00	\$6,222.22
Roadway Excavation (Plan Quantity)	454	cu yd	\$ 30.00	\$13,629.63
Granular Borrow (Plan Quantity)	2,844	cu yd	\$ 50.00	\$142,222.22
Untreated Base Course	232	Ton	\$ 75.00	\$17,400.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	204	Ton	\$ 135.00	\$27,540.00
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	24	Each	\$ 300.00	\$7,200.00
Concrete Curb and Gutter Type B1	400	ft	\$ 42.00	\$16,800.00
Perpendicular/Parallel Pedestrian Access Ramp	4	Each	\$ 4,300.00	\$17,200.00
Concrete Sidewalk	2000	sq ft	\$ 11.00	\$22,000.00
				<b>\$285,014.07</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	100	ft	\$ 175.00	\$17,500.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	4	Each	\$ 6,000.00	\$24,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$41,500.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications for southwest and southeast corners	1	lump	\$225,000.00	\$225,000.00
				<b>\$225,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency	1	lump	\$30,000.00	\$30,000.00
				\$0.00
				<b>\$30,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$12,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Updates to tie into modified signal)	1	Lump	\$5,000.00	\$5,000.00
				<b>\$5,000.00</b>

**BID ITEMS \$ 680,614.07**  
**Contingency (30%) \$ 204,184.22**  
**BID ITEMS TOTAL \$ 884,798.30**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
New right of way on southwest and northeast corners	4,800	sq ft	\$15.00	\$72,000.00
5' construction easement	2,000	sq ft	\$5.00	\$10,000.00
				<b>\$82,000.00</b>

<b>Design Engineering (15% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (15% of Bid Items)	1	lump	\$132,719.74	\$132,719.74
				<b>\$132,719.74</b>

<b>Construction Management (10% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$88,479.83	\$88,479.83
				<b>\$88,479.83</b>

**BID ITEMS TOTAL \$ 884,798.30**  
**NON-BID ITEMS TOTAL \$ 303,199.57**  
**GRAND TOTAL \$ 1,187,997.87**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
Auto Road / 12600 South (Project 1-N)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$2,000.00
Public Information Services	1	lump	1.00%	\$400.00
Traffic Control	1	lump	30.00%	\$11,900.00
Survey	1	lump	5.00%	\$2,000.00
				<b>\$16,300.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	100	ft	\$ 12.00	\$1,200.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	50	gal	\$ 100.00	\$5,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type M1	200	ft	\$ 42.00	\$8,400.00
Perpendicular/Parallel Pedestrian Access Ramp	4	Each	\$ 4,300.00	\$17,200.00
Concrete Flatwork, 4 inch thick	200	sq ft	\$ 20.00	\$4,000.00
				<b>\$39,400.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 175.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 6,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal		lump	\$375,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)		lump	\$20,000.00	\$0.00
				\$0.00
				<b>\$0.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)		Lump	\$15,000.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ \$55,700.00**  
**Contingency (10%) \$ \$5,570.00**  
**BID ITEMS TOTAL \$ \$61,270.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming potential corner clips for right of way		sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$6,127.00	\$6,127.00
				<b>\$6,127.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$3,676.20	\$3,676.20
				<b>\$3,676.20</b>

**BID ITEMS TOTAL \$ \$61,270.00**  
**NON-BID ITEMS TOTAL \$ \$9,803.20**  
**GRAND TOTAL \$ \$71,073.20**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**SR-111 / Herriman Boulevard (Project 1-O)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$21,400.00
Public Information Services	1	lump	1.00%	\$4,300.00
Traffic Control	1	lump	3.00%	\$12,900.00
Survey	1	lump	2.00%	\$8,600.00
				<b>\$47,200.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	4	Each	\$ 4,300.00	\$17,200.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$22,800.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$375,000.00	\$375,000.00
				<b>\$375,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$12,000.00	\$12,000.00
				<b>\$0.00</b>
				<b>\$12,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$17,000.00	\$17,000.00
				<b>\$17,000.00</b>

**BID ITEMS \$ 474,000.00**  
**Contingency (10%) \$ 47,400.00**  
**BID ITEMS TOTAL \$ 521,400.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assume some corner clips for signal foundations	700	sq ft	\$15.00	\$10,500.00
				<b>\$10,500.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$41,712.00	\$41,712.00
				<b>\$41,712.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$15,642.00	\$15,642.00
				<b>\$15,642.00</b>

**BID ITEMS TOTAL \$ 521,400.00**  
**NON-BID ITEMS TOTAL \$ 67,854.00**  
**GRAND TOTAL \$ 589,254.00**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Boulevard / Olympia Boulevard (Project 1-P)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$21,000.00
Public Information Services	1	lump	1.00%	\$4,200.00
Traffic Control	1	lump	3.00%	\$12,600.00
Survey	1	lump	2.00%	\$8,400.00
				<b>\$46,200.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	0	cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)	0	cu yd	\$ 50.00	\$0.00
Untreated Base Course	0	Ton	\$ 75.00	\$0.00
Remove Concrete Driveway	0	sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	0	Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$375,000.00	\$375,000.00
				<b>\$375,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$12,000.00	\$12,000.00
				<b>\$0.00</b>
				<b>\$12,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$17,000.00	\$17,000.00
				<b>\$17,000.00</b>

**BID ITEMS \$ 464,400.00**  
**Contingency (10%) \$ 46,440.00**  
**BID ITEMS TOTAL \$ 510,840.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assume some corner clips for signal foundations	700	sq ft	\$15.00	\$10,500.00
				<b>\$10,500.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$40,867.20	\$40,867.20
				<b>\$40,867.20</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$15,325.20	\$15,325.20
				<b>\$15,325.20</b>

**BID ITEMS TOTAL \$ 510,840.00**  
**NON-BID ITEMS TOTAL \$ 66,692.40**  
**GRAND TOTAL \$ 577,532.40**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
7300 West / Olympia Boulevard (Project 1-Q)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	9.50%	\$57,600.00
Public Information Services	1	lump	1.00%	\$6,100.00
Traffic Control	1	lump	15.00%	\$90,900.00
Survey	1	lump	8.00%	\$48,500.00
				<b>\$203,100.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	0	ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	0	sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	638	cu yd	\$ 30.00	\$19,138.84
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course	1,041	Ton	\$ 75.00	\$78,050.60
Remove Concrete Driveway	75	sq yd	\$ 28.00	\$2,100.00
HMA - 1/2 inch	439	Ton	\$ 135.00	\$59,296.92
Pavement Marking Paint	60	gal	\$ 100.00	\$6,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1	800	ft	\$ 42.00	\$33,600.00
Perpendicular/Parallel Pedestrian Access Ramp	8	Each	\$ 4,300.00	\$34,400.00
Concrete Sidewalk	4,000	sq ft	\$ 11.00	\$44,000.00
Concrete Curb and Gutter Type M1	436.32	ft	\$ 30.00	\$13,089.60
Concrete Flatwork, 6 inch Thick	3,000.00	ft	\$ 15.00	\$45,000.00
				<b>\$338,275.97</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	300	ft	\$ 175.00	\$52,500.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	8	Each	\$ 6,000.00	\$48,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	8	Each	\$ 3,000.00	\$24,000.00
				<b>\$124,500.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
None		lump		\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Power Pole relocations		Lump	\$20,000.00	\$0.00
Lighting at roundabout (assume 8 lights)	8	Each	\$8,500.00	\$68,000.00
Misc utility relocate	1	Lump	\$25,000.00	\$25,000.00
Pipe or relocate irrigation ditch		Lump	\$50,000.00	\$0.00
				<b>\$93,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Landscaping (assume higher price to landscape medians)	1	Lump	\$50,000.00	\$50,000.00
				<b>\$50,000.00</b>

<b>Structures</b>				
Description	Quantity	Unit	Unit Price	Amount
				<b>\$0.00</b>

**BID ITEMS \$ 808,875.97**  
**Contingency (30%) \$ 242,662.79**  
**BID ITEMS TOTAL \$ 1,051,538.76**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Right of Way (assuming right of way donated/coordinated with developer)	5,000	sq ft	\$15.00	\$75,000.00
Assuming 5' wide construction easement	1,000	sq ft	\$3.00	\$3,000.00
				<b>\$78,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (18% of Bid Items)	1	lump	\$189,276.98	\$189,276.98
				<b>\$189,276.98</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (12% of Bid Items)	1	lump	\$126,184.65	\$126,184.65
				<b>\$126,184.65</b>

**BID ITEMS TOTAL \$ 1,051,538.76**  
**NON-BID ITEMS TOTAL \$ 393,461.63**  
**GRAND TOTAL \$ 1,445,000.39**

**ENGINEER'S ESTIMATE (2022 COSTS)**  
**Hi Country Road / Herriman Main Street (Project 1-R)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	10.00%	\$80,100.00
Public Information Services	1	lump	1.00%	\$8,100.00
Traffic Control	1	lump	7.00%	\$56,100.00
Survey	1	lump	5.00%	\$40,100.00
				<b>\$184,400.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk	3000	sq yd	\$ 28.00	\$84,000.00
Roadway Excavation (Plan Quantity)	996	cu yd	\$ 30.00	\$29,888.89
Granular Borrow (Plan Quantity)	6,733	cu yd	\$ 50.00	\$336,666.67
Untreated Base Course	405	Ton	\$ 75.00	\$30,337.50
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	343	Ton	\$ 135.00	\$46,271.25
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	8	Each	\$ 300.00	\$2,400.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	4	Each	\$ 4,300.00	\$17,200.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
Concrete Curb Type M2	500.00	ft	\$ 20.00	\$10,000.00
				<b>\$566,764.31</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe	600	ft	\$ 175.00	\$105,000.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9	6	Each	\$ 6,000.00	\$36,000.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3	6	Each	\$ 3,000.00	\$18,000.00
				<b>\$159,000.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
Signal modifications		lump	\$375,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency	1	lump	\$50,000.00	\$50,000.00
				\$0.00
				<b>\$50,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping	1	Lump	\$25,000.00	\$25,000.00
				<b>\$25,000.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Updates to tie into modified signal)		Lump	\$5,000.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 985,164.31**  
**Contingency (30%) \$ 295,549.29**  
**BID ITEMS TOTAL \$ 1,280,713.60**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
New right of way for length of project	10,200	sq ft	\$15.00	\$153,000.00
5' construction easement	3,000	sq ft	\$5.00	\$15,000.00
				<b>\$168,000.00</b>

<b>Design Engineering (12% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Design Engineering (12% of Bid Items)	1	lump	\$153,685.63	\$153,685.63
				<b>\$153,685.63</b>

<b>Construction Management (10% of Bid Items)</b>				
Description	Quantity	Unit	Unit Price	Amount
Construction Management (10% of Bid Items)	1	lump	\$128,071.36	\$128,071.36
				<b>\$128,071.36</b>

**BID ITEMS TOTAL \$ 1,280,713.60**  
**NON-BID ITEMS TOTAL \$ 449,756.99**  
**GRAND TOTAL \$ 1,730,470.59**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
7300 West / Herriman Main Street (Project 1-S)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$14,900.00
Public Information Services	1	lump	1.00%	\$3,000.00
Traffic Control	1	lump	2.00%	\$6,000.00
Survey	1	lump	2.00%	\$6,000.00
				<b>\$29,900.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$11,800.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 175.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 6,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$250,000.00	\$250,000.00
				<b>\$250,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$10,000.00	\$10,000.00
				\$0.00
				<b>\$10,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$15,000.00	\$15,000.00
				<b>\$15,000.00</b>

**BID ITEMS \$ 326,700.00**  
**Contingency (10%) \$ 32,670.00**  
**BID ITEMS TOTAL \$ 359,370.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips will be coordinated with roadway design	0	sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$35,937.00	\$35,937.00
				<b>\$35,937.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$21,562.20	\$21,562.20
				<b>\$21,562.20</b>

**BID ITEMS TOTAL \$ 359,370.00**  
**NON-BID ITEMS TOTAL \$ 57,499.20**  
**GRAND TOTAL \$ 416,869.20**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**13400 South / Herriman Main Street (Project 1-T)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$17,100.00
Public Information Services	1	lump	1.00%	\$3,500.00
Traffic Control	1	lump	5.00%	\$17,100.00
Survey	1	lump	3.00%	\$10,300.00
				<b>\$48,000.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	4	Each	\$ 300.00	\$1,200.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$11,800.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 175.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 6,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$300,000.00	\$300,000.00
				<b>\$300,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$10,000.00	\$10,000.00
				\$0.00
				<b>\$10,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

**BID ITEMS \$ 389,800.00**  
**Contingency (10%) \$ 38,980.00**  
**BID ITEMS TOTAL \$ 428,780.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips will be coordinated with roadway design	0	sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$42,878.00	\$42,878.00
				<b>\$42,878.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$25,726.80	\$25,726.80
				<b>\$25,726.80</b>

**BID ITEMS TOTAL \$ 428,780.00**  
**NON-BID ITEMS TOTAL \$ 68,604.80**  
**GRAND TOTAL \$ 497,384.80**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Rose Boulevard / Herriman Main Street (Project 1-U)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$10,900.00
Public Information Services	1	lump	1.00%	\$2,200.00
Traffic Control	1	lump	10.00%	\$21,800.00
Survey	1	lump	5.00%	\$10,900.00
				<b>\$45,800.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter	800	ft	\$ 12.00	\$9,600.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)	341	cu yd	\$ 30.00	\$10,222.22
Granular Borrow (Plan Quantity)	2,133	cu yd	\$ 50.00	\$106,666.67
Untreated Base Course	174	Ton	\$ 75.00	\$13,050.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch	153	Ton	\$ 135.00	\$20,655.00
Pavement Marking Paint	100	gal	\$ 100.00	\$10,000.00
Pavement Message (Preformed Thermoplastic)	8	Each	\$ 300.00	\$2,400.00
Concrete Curb and Gutter Type M1	600	ft	\$ 42.00	\$25,200.00
Perpendicular/Parallel Pedestrian Access Ramp		Each	\$ 4,300.00	\$0.00
Concrete Flatwork, 4 inch thick	1000	sq ft	\$ 20.00	\$20,000.00
				<b>\$217,793.89</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 175.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 6,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal		lump	\$375,000.00	\$0.00
				<b>\$0.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)		lump	\$20,000.00	\$0.00
				\$0.00
				<b>\$0.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)		Lump	\$15,000.00	\$0.00
				<b>\$0.00</b>

**BID ITEMS \$ 263,593.89**  
**Contingency (10%) \$ 26,359.39**  
**BID ITEMS TOTAL \$ 289,953.28**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming potential corner clips for right of way		sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$28,995.33	\$28,995.33
				<b>\$28,995.33</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$17,397.20	\$17,397.20
				<b>\$17,397.20</b>

**BID ITEMS TOTAL \$ 289,953.28**  
**NON-BID ITEMS TOTAL \$ 46,392.52**  
**GRAND TOTAL \$ 336,345.80**

**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Herriman Rose Boulevard / Fort Herriman Parkway (Project 1-V)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,000.00
Public Information Services	1	lump	1.00%	\$3,800.00
Traffic Control	1	lump	2.00%	\$7,600.00
Survey	1	lump	2.00%	\$7,600.00
				<b>\$38,000.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 175.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 6,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$325,000.00	\$325,000.00
				<b>\$325,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$10,000.00	\$10,000.00
				<b>\$0.00</b>
				<b>\$10,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping	1	Lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

**BID ITEMS \$ 417,200.00**  
**Contingency (10%) \$ 41,720.00**  
**BID ITEMS TOTAL \$ 458,920.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips for corners in order to place signal equipment	1,000	sq ft	\$15.00	\$15,000.00
				<b>\$15,000.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$45,892.00	\$45,892.00
				<b>\$45,892.00</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$27,535.20	\$27,535.20
				<b>\$27,535.20</b>

**BID ITEMS TOTAL \$ 458,920.00**  
**NON-BID ITEMS TOTAL \$ 88,427.20**  
**GRAND TOTAL \$ 547,347.20**





**ENGINEER'S ESTIMATE (2025 COSTS)**  
**Juniper Crest Road / Soleil Hills Drive (Project 1-Y)**

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,800.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	2.00%	\$7,900.00
Survey	1	lump	2.00%	\$7,900.00
				<b>\$39,600.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 125.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 5,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 2,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$350,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$10,000.00	\$10,000.00
				\$0.00
				<b>\$10,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

**BID ITEMS \$ 433,800.00**  
**Contingency (10%) \$ 43,380.00**  
**BID ITEMS TOTAL \$ 477,180.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips will be coordinated with roadway design	0	sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$38,174.40	\$38,174.40
				<b>\$38,174.40</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$14,315.40	\$14,315.40
				<b>\$14,315.40</b>

**BID ITEMS TOTAL \$ 477,180.00**  
**NON-BID ITEMS TOTAL \$ 52,489.80**  
**GRAND TOTAL \$ 529,669.80**





**ENGINEER'S ESTIMATE (2025 COSTS)**  
Academy Parkway / Soleil Hills Drive (Project 1-LAA)

<b>BID ITEMS</b>				
<b>GENERAL</b>				
Description	Quantity	Unit	Unit Price	Amount
Mobilization	1	lump	5.00%	\$19,800.00
Public Information Services	1	lump	1.00%	\$4,000.00
Traffic Control	1	lump	2.00%	\$7,900.00
Survey	1	lump	2.00%	\$7,900.00
				<b>\$39,600.00</b>

<b>ROADWAY</b>				
Description	Quantity	Unit	Unit Price	Amount
Remove Concrete Curb and Gutter		ft	\$ 12.00	\$0.00
Remove Concrete Sidewalk		sq yd	\$ 28.00	\$0.00
Roadway Excavation (Plan Quantity)		cu yd	\$ 30.00	\$0.00
Granular Borrow (Plan Quantity)		cu yd	\$ 50.00	\$0.00
Untreated Base Course		Ton	\$ 75.00	\$0.00
Remove Concrete Driveway		sq yd	\$ 28.00	\$0.00
HMA - 1/2 inch		Ton	\$ 135.00	\$0.00
Pavement Marking Paint	20	gal	\$ 100.00	\$2,000.00
Pavement Message (Preformed Thermoplastic)	12	Each	\$ 300.00	\$3,600.00
Concrete Curb and Gutter Type B1		ft	\$ 42.00	\$0.00
Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 4,300.00	\$8,600.00
Concrete Sidewalk		sq ft	\$ 11.00	\$0.00
				<b>\$14,200.00</b>

<b>DRAINAGE &amp; IRRIGATION</b>				
Description	Quantity	Unit	Unit Price	Amount
24 Inch Irrigation HDPE Pipe		ft	\$ 175.00	\$0.00
Concrete Drainage Structure 3 ft to 5 ft Deep - CB 9		Each	\$ 6,000.00	\$0.00
Rectangular Grate And Frame (Bicycle Safe Grating) - GF 3		Each	\$ 3,000.00	\$0.00
				<b>\$0.00</b>

<b>SIGNAL SYSTEM</b>				
Description	Quantity	Unit	Unit Price	Amount
New Signal	1	lump	\$350,000.00	\$350,000.00
				<b>\$350,000.00</b>

<b>UTILITIES</b>				
Description	Quantity	Unit	Unit Price	Amount
Utility Contingency (assume minimal utilities since it is a green field road)	1	lump	\$10,000.00	\$10,000.00
				<b>\$10,000.00</b>

<b>LANDSCAPING</b>				
Description	Quantity	Unit	Unit Price	Amount
Misc. Landscaping		Lump	\$10,000.00	\$0.00
				<b>\$0.00</b>

<b>ATMS</b>				
Description	Quantity	Unit	Unit Price	Amount
ATMS integration (Will likely include running ATMS along mainline to tie into system)	1	Lump	\$20,000.00	\$20,000.00
				<b>\$20,000.00</b>

**BID ITEMS \$ 433,800.00**  
**Contingency (10%) \$ 43,380.00**  
**BID ITEMS TOTAL \$ 477,180.00**

<b>NON-BID ITEMS</b>				
Description	Quantity	Unit	Unit Price	Amount
Assuming Right of Way clips will be coordinated with roadway design	0	sq ft	\$15.00	\$0.00
				<b>\$0.00</b>

Description	Quantity	Unit	Unit Price	Amount
Design Engineering (10% of Bid Items)	1	lump	\$38,174.40	\$38,174.40
				<b>\$38,174.40</b>

Description	Quantity	Unit	Unit Price	Amount
Construction Management (6% of Bid Items)	1	lump	\$14,315.40	\$14,315.40
				<b>\$14,315.40</b>

**BID ITEMS TOTAL \$ 477,180.00**  
**NON-BID ITEMS TOTAL \$ 52,489.80**  
**GRAND TOTAL \$ 529,669.80**







# Appendix C — WFRC Safety Action Plan Projects for Herriman



### Project Description/How is safety improved?

This project is focused on systemic safety improvements along the corridor including constructing sidewalk in locations where no sidewalk is present, installing center curbed median and limiting access at unsignalized intersections, and striping a buffered bicycle lane where it currently does not exist west of Rosecrest Road. It is also proposed that all school crossings be upgraded to high visibility crosswalk markings.

*This project description represents potential safety improvement strategies that could be implemented at this location, as well as other locations with similar conditions. Additional improvement strategies could be considered subject to engineering analysis.*

### Proposed Proven Safety Countermeasures



Corridor Access Management



Bicycle Lanes



Crosswalk Visibility Enhancements

### Opinion of Probable Construction Cost

#### Segment Improvements

Item Description	CMF	Applicable Crashes	Quantity	Unit	Unit Price	Item Cost
Install Sidewalk or Walkways	NA	Pedestrian	0.52	MILE	\$ 634,000	\$ 329,680
Install Raised Medians on Roadways with Existing TWLTL	0.29	All Crashes	1.72	MILE	\$ 928,000	\$ 1,596,160
Traffic Calming - Lane Narrowing	0.68	All Crashes	0.99	MILE	\$ 39,000	\$ 38,610
Install Buffered Bicycle Lane	NA	Bicycle	0.99	MILE	\$ 26,000	\$ 25,740
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -

#### Intersection Improvements

Item Description	CMF	Applicable Crashes	Quantity	Unit	Unit Price	Item Cost
Install High Visibility Crosswalk Markings	0.6	Pedestrian	11.00	XING	\$ 2,500	\$ 27,500
Protected Intersection	NA	All Crashes	2.00	INT	\$ 650,000	\$ 1,300,000
Provide Left-Turn Lanes	0.52 - 0.72	Rural	2.00	LANE	\$ 300,000	\$ 600,000
Provide Right-Turn Lanes	0.74 - 0.86	All Crashes	2.00	LANE	\$ 150,000	\$ 300,000
Add Bicycle Treatments at Intersections	NA	All Crashes	2.00	INT	\$ 9,000	\$ 18,000
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -

Improvements Subtotal:	\$ 4,235,690
Mobilization: (% +/-)* 10%	\$ 75,000
Traffic Control: (% +/-) 5%	\$ 211,785
Items Not Estimated / Contingency: (% +/-) 30%	\$ 1,270,707
<b>Estimated Construction Cost:</b>	<b>\$ 5,793,182</b>

Local Match<sup>†</sup>: 20% \$ 1,471,600

<sup>†</sup> Toward SS4A Implementation Grants

Preconstruction Engineering/Design 12%	\$ 695,182
Utilities**	\$ -
ROW**	\$ -
Construction Engineering/Management 15%	\$ 868,977
<b>Estimated Project Total:</b>	<b>\$ 7,358,000</b>

\*Mobilization is 10% +/- of the subtotal with a minimum of \$2,500 and a maximum of \$75,000

\*\*To be evaluated during feasibility study/design

#### Additional Potential Improvements

Additional safety improvements could be considered that were not included due to availability of data, need for site-specific information, and/or agency/jurisdiction input. Potential additional countermeasures are listed below. Refer to the **Countermeasure Toolbox** for a complete list of safety countermeasures.

- Additional Improvements #1: \_\_\_\_\_
- Additional Improvements #2: \_\_\_\_\_
- Additional Improvements #3: \_\_\_\_\_
- Additional Improvements #4: \_\_\_\_\_
- Additional Improvements #5: \_\_\_\_\_

#### Disclaimer:

Disclaimer: The cost estimates provided in this document are for comparison purposes only. Actual project costs will vary. The recommended safety improvement strategies were based on available data and reasonable engineering judgment and a more detailed assessment may suggest additional safety strategies that could be considered.







### Project Description/How is safety improved?

This project recommends the systemic safety improvements along the corridor including traffic calming, median installation, and active transportation improvements. These improvements include lane narrow and median installation along the entire corridor. Active transportation improvements include the extension of the multi-use path and bulbouts at all school crossings. It is also proposed that the intersection of 14230 South/Sentinel Ridge Boulevard be evaluated through Intersection Control Evaluation (ICE) study. Also the intersection should consider RRFB and higher visibility crosswalks. A pedestrian refuge island should be considered at the existing HAWK signal crossing.

This project description represents potential safety improvement strategies that could be implemented at this location, as well as other locations with similar conditions. Additional improvement strategies could be considered subject to engineering analysis.

### Proposed Proven Safety Countermeasures



Crosswalk  
Visibility  
Enhancements



Rectangular Rapid  
Flashing Beacons  
(RRFB)

### Opinion of Probable Construction Cost

#### Segment Improvements

Item Description	CMF	Applicable Crashes	Quantity	Unit	Unit Price	Item Cost
Traffic Calming - Lane Narrowing	0.68	All Crashes	1.09	MILE	\$ 39,000	\$ 42,510
Install Medians and Pedestrian Refuge Islands in Urban Areas	0.44	Pedestrian	1.09	LE (URBA)	\$ 958,000	\$ 1,044,220
Install a Separated Bicycle Lane (Cycle Track or Multi-Use Path)	NA	Bicycle	0.73	MILE	\$ 553,000	\$ 403,690
Traffic Calming - Bulbouts	0.68	All Crashes	16.00	EACH	\$ 36,000	\$ 576,000
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -

#### Intersection Improvements

Item Description	CMF	Applicable Crashes	Quantity	Unit	Unit Price	Item Cost
Perform an Intersection Control Evaluation and Implement	NA	All Crashes	1.00	INT	\$ 225,000	\$ 225,000
Install a Rectangular Rapid Flashing Beacons (RRFB)	0.526	Pedestrian	1.00	XING (2)	\$ 15,000	\$ 15,000
Install Pedestrian Refuge Island	0.54	Pedestrian	1.00	EACH	\$ 30,000	\$ 30,000
Install High-Visibility Crosswalk	0.6 - 0.75	Pedestrian	3.00	XING	\$ 36,000	\$ 108,000
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -

Improvements Subtotal:	\$ 2,444,420
Mobilization: (% +/-)* 10%	\$ 75,000
Traffic Control: (% +/-) 5%	\$ 122,221
Items Not Estimated / Contingency: (% +/-) 30%	\$ 733,326
<b>Estimated Construction Cost:</b>	<b>\$ 3,374,967</b>

Local Match<sup>†</sup>: 20% \$ 857,400

<sup>†</sup> Toward SS4A Implementation Grants

Preconstruction Engineering/Design	12%	\$ 404,996
Utilities**		\$ -
ROW**		\$ -
Construction Engineering/Management	15%	\$ 506,245
<b>Estimated Project Total:</b>		<b>\$ 4,287,000</b>

\*Mobilization is 10% +/- of the subtotal with a minimum of \$2,500 and a maximum of \$75,000

\*\*To be evaluated during feasibility study/design

#### Additional Potential Improvements

Additional safety improvements could be considered that were not included due to availability of data, need for site-specific information, and/or agency/jurisdiction input. Potential additional countermeasures are listed below. Refer to the **Countermeasure Toolbox** for a complete list of safety countermeasures.

- Additional Improvements #1: \_\_\_\_\_
- Additional Improvements #2: \_\_\_\_\_
- Additional Improvements #3: \_\_\_\_\_
- Additional Improvements #4: \_\_\_\_\_
- Additional Improvements #5: \_\_\_\_\_

#### Disclaimer:

Disclaimer: The cost estimates provided in this document are for comparison purposes only. Actual project costs will vary. The recommended safety improvement strategies were based on available data and reasonable engineering judgment and a more detailed assessment may suggest additional safety strategies that could be considered.



### Project Description/How is safety improved?

This project is focused on systemic safety improvements along the corridor including constructing sidewalk in locations where no sidewalk is present, installing center curbed median and limiting access at unsignalized intersections, and striping a buffered bicycle lane where it currently does not exist west of Rosecrest Road. It is also proposed that all school crossings be upgraded to high visibility crosswalk markings.

*This project description represents potential safety improvement strategies that could be implemented at this location, as well as other locations with similar conditions. Additional improvement strategies could be considered subject to engineering analysis.*

### Proposed Proven Safety Countermeasures



Corridor Access Management



Bicycle Lanes



Crosswalk Visibility Enhancements

### Opinion of Probable Construction Cost

#### Segment Improvements

Item Description	CMF	Applicable Crashes	Quantity	Unit	Unit Price	Item Cost
Install Sidewalk or Walkways	NA	Pedestrian	0.52	MILE	\$ 634,000	\$ 329,680
Install Raised Medians on Roadways with Existing TWLTL	0.29	All Crashes	1.72	MILE	\$ 928,000	\$ 1,596,160
Traffic Calming - Lane Narrowing	0.68	All Crashes	0.99	MILE	\$ 39,000	\$ 38,610
Install Buffered Bicycle Lane	NA	Bicycle	0.99	MILE	\$ 26,000	\$ 25,740
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -

#### Intersection Improvements

Item Description	CMF	Applicable Crashes	Quantity	Unit	Unit Price	Item Cost
Install High Visibility Crosswalk Markings	0.6	Pedestrian	11.00	XING	\$ 2,500	\$ 27,500
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -
						\$ -

Improvements Subtotal:	\$	2,017,690
Mobilization: (% +/-)*	10%	\$ 75,000
Traffic Control: (% +/-)	5%	\$ 100,885
Items Not Estimated / Contingency: (% +/-)	30%	\$ 605,307
Estimated Construction Cost:	\$	2,798,882

Local Match<sup>†</sup>: 20% \$ 711,000

<sup>†</sup> Toward SS4A Implementation Grants

Preconstruction Engineering/Design	12%	\$ 335,866
Utilities**		\$ -
ROW**		\$ -
Construction Engineering/Management	15%	\$ 419,832
<b>Estimated Project Total:</b>		<b>\$ 3,555,000</b>

\*Mobilization is 10% +/- of the subtotal with a minimum of \$2,500 and a maximum of \$75,000

\*\*To be evaluated during feasibility study/design

#### Additional Potential Improvements

Additional safety improvements could be considered that were not included due to availability of data, need for site-specific information, and/or agency/jurisdiction input. Potential additional countermeasures are listed below. Refer to the **Countermeasure Toolbox** for a complete list of safety countermeasures.

- Additional Improvements #1: \_\_\_\_\_
- Additional Improvements #2: \_\_\_\_\_
- Additional Improvements #3: \_\_\_\_\_
- Additional Improvements #4: \_\_\_\_\_
- Additional Improvements #5: \_\_\_\_\_

#### Disclaimer:

Disclaimer: The cost estimates provided in this document are for comparison purposes only. Actual project costs will vary. The recommended safety improvement strategies were based on available data and reasonable engineering judgment and a more detailed assessment may suggest additional safety strategies that could be considered.

# Appendix D — Cost Estimate from Oquirrh Connection Feasibility Study

**Table 9 : Butterfield – Middle Canyon Conceptual Cost Estimate**

Oquirrh Connection Conceptual Cost Estimate Middle Canyon and Butterfield Canyon Options				
1-Aug-17				
Description	Quantity	Unit	Unit Price	Total
<b>General</b>				
Mobilization	1	Lump	6.0%	\$7,200,000.00
Traffic Control	1	Lump	2.0%	\$2,400,000.00
Survey	1	Lump	5.0%	\$6,000,000.00
<b>General Subtotal</b>				<b>\$15,600,000.00</b>
<b>Roadway</b>				
Roadway Excavation	2,247,700	cu yd	\$15.00	\$33,715,500.00
HMA - 5-1/2 Inch	133,800	Ton	\$75.00	\$10,035,000.00
Granular Borrow (Plan Qty)	168,600	cu yd	\$12.00	\$2,023,200.00
Untreated Base Course (Plan Qty)	147,900	cu yd	\$25.00	\$3,697,500.00
Guardrail	11,800	ft	\$20.00	\$236,000.00
Crash Cushion	64	each	\$3,500.00	\$224,000.00
ROW	206	Acre	\$100,000.00	\$20,600,000.00
Right-of-Way Fence	149,300	ft	\$7.50	\$1,119,750.00
<b>Roadway Subtotal</b>				<b>\$37,935,450.00</b>
<b>Structures</b>				
Bridge	98,100	sq ft	\$250.00	\$24,525,000.00
MSE Retaining Wall	331,900	sq ft	\$50.00	\$16,595,000.00
Tunnel	4,800	ft	\$27,500.00	\$132,000,000.00
<b>Structures Subtotal</b>				<b>\$173,120,000.00</b>
<b>CONSTRUCTION SUBTOTAL</b>				<b>\$226,655,450.00</b>
<i>Preliminary Engineering (10%)</i>				<b>\$22,666,000.00</b>
<i>Construction Engineering (10%)</i>				<b>\$22,666,000.00</b>
<i>25% CONTINGENCY</i>				<b>\$56,664,000.00</b>
<b>Subtotal</b>				<b>\$101,996,000.00</b>
<b>TOTAL PROJECT COST</b>				<b>\$328,652,000.00</b>