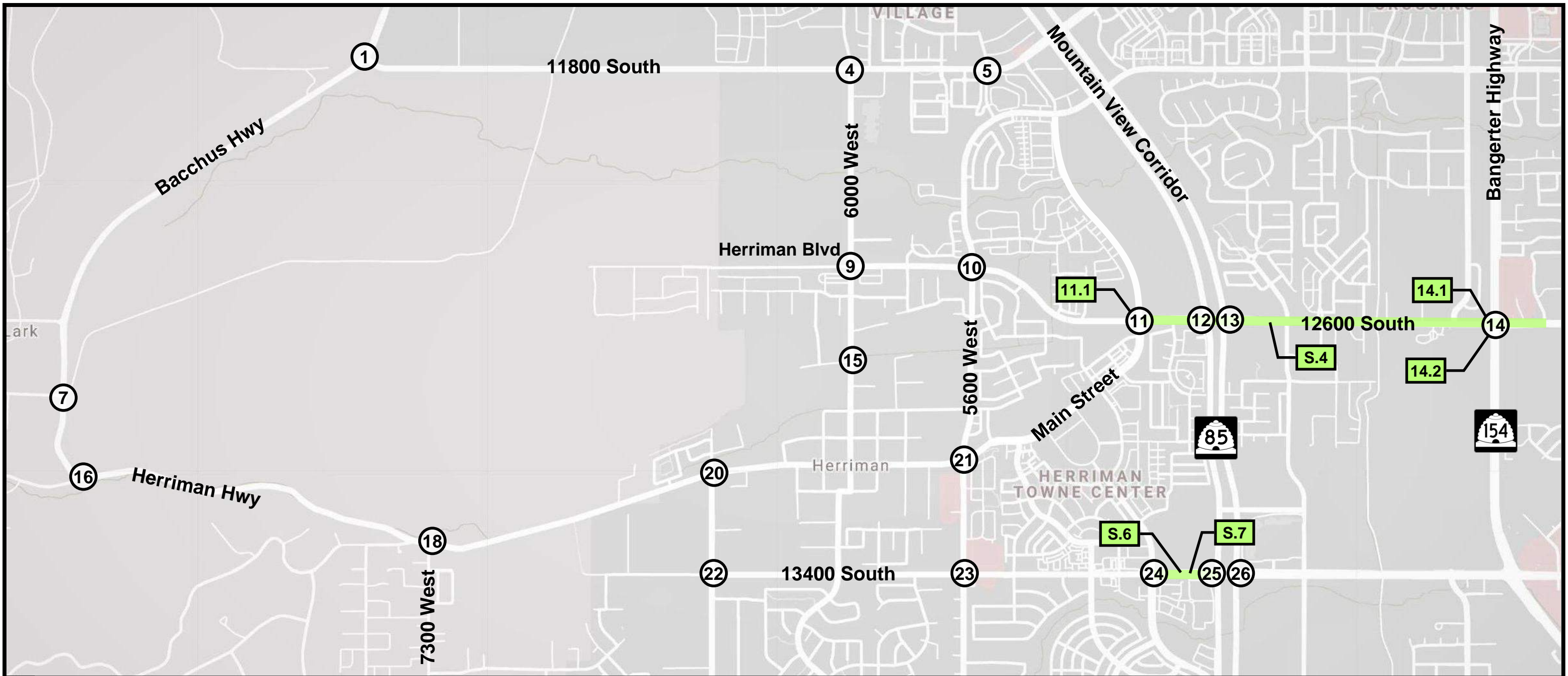


Appendix F: Improvements

Intersection		Recommended Improvements															
		Existing (2019)		Future (2022)		Future (2027)				Future (2032)				Future (2037)			
		Background		Background		Background		Plus Project		Background		Plus Project		Background		Plus Project	
1	Bacchus Hwy / 11800 S					1.1	Signal, Turn Pockets on All Approaches, Dual SB LT Lanes			1.2	NB RT Lane						
2	7300 W / 11800 S											2.1	Signal, Turn Pockets on All Approaches	2.2	Signal, Turn Pockets on All Approaches	2.3	PM/PT LT Phasing on All Approaches
3	6400 W / 11800 S									3.1	Signal, Turn Pockets on All Approaches, EB & WB PM/PT LT Phasing	3.2	EB & WB RT Lanes, NB PM/PT LT Phasing	3.3	EB Dual LT Lanes, NB & SB PM/PT LT Phasing	3.4	PM/PT LT Phasing on All Approaches, NB Dual LT Lanes
4	6000 W / 11800 S					4.1	WB PM/PT LT Phasing, Extend WB LT Storage										
5	Freedom Park Dr / 11800 S							5.1	WB Dual LT Lanes								
6	8000 W / Bacchus Hwy																6.1
8	6400 W / Herriman Blvd											8.1	Signal, Turn Pockets on All Approaches, EB & WB PM/PT LT Phasing	8.2	Signal, Turn Pockets on All Approaches	8.3	PM/PT LT Phasing on All Approaches
10	Anthem Park Blvd / Herriman Blvd							10.1	WB RT Pocket, Extend LT Lanes on All Approaches			10.2	Convert NB RT to Shared T/RT	10.3	EB Dual LT Lanes		
11	Main St / Herriman Blvd			11.1	NB Channelized RT Lane	11.2	SB Dual LT Lanes	11.3	WB Dual LT Lanes			11.4	Additional NB Thru lane, Convert EB RT to Shared T/RT			11.5	2 NB Thru Lanes, WB Dual LT Lanes, Lengthen SB LT Lanes
12	SB MVC / 12600 S					12.1	SB & WB Dual LT Lanes	12.2	Freeway Grade- Separated Interchange	12.3	Channelized EB & WB RT Lanes						
13	NB MVC / 12600 S							13.1	Freeway Grade- Separated Interchange, Additional WB Thru Lane, Channelized EB/WB RT Lanes	13.2	Channelized EB & WB RT Lanes, Convert NB Thru lane to be Shared T/LT Lane						
14	Bangerter Hwy / 12600 S	14.1	SPUI	14.2	Additional LT Lane on NB Off Ramp												
17	8000 W / Herriman Hwy																17.1
18	7300 W / Herriman Hwy											18.1	Add WB RT Lane	18.2	Signal, Turn Pockets on All Approaches		
19	6800 W / Herriman Hwy											19.1	Signal, Turn Pockets on All Approaches				
20	6400 W / Main St					20.1	Signal, Turn Pockets on All Approaches	20.2	WB PM/PT LT Phasing, Add EB RT Pocket			20.3	Add RT Pockets on All Approaches, NB & SB PM/PT LT Phasing, EB RT Overlap Phase			20.4	PM/PT LT Phasing on All Approaches
22	6400 W / 13400 S					22.1	SB & EB LT/T/RT Lanes					22.2	SB & WB Dual LT Lanes, WB RT Overlap Phase			22.3	WB Dual LT Lanes
23	5600 W / 13400 S					23.1	SB & WB Dual LT Lanes, Add SB Thru Lane	23.2	Extend Turn Lanes on All Approaches, Add WB RT Overlap Phase, Convert NB RT Lane to Shared T/RT Lane			23.3	Add RT Lanes on All Approaches	23.4	Extend All Turn Lanes, SB & EB RT Lanes, 2 Thru Lanes on All Approaches		
24	5000 W / 13400 S											24.1	Add WB RT Lane				
25	SB MVC / 13400 S					25.1	Freeway Grade- Separated Interchange			25.2	Channelized EB/WB RT Lanes, Extend 3 EB Lanes to 5000 W						
26	NB MVC / 13400 S					26.1	Freeway Grade- Separated Interchange, Northbound Free RT Lane										
27	8000 W / Herriman Blvd																27.1
28	7300 W / Herriman Blvd											28.1	Signal, Turn Pockets on All Approaches	28.2	Signal, Turn Pockets on All Approaches	28.3	PM/PT LT Phasing on All Approaches
29	6800 W / Herriman Blvd											29.1	Signal, Turn Pockets on All Approaches, EB PM/PT LT Phasing				
-	11800 South									S.1	5-Lane Cross Section Bacchus to 6000 West						
-	Herriman Boulevard									S.2	5-Lane Cross Section 6000 West to 6800 West, New 3-Lane Cross Section 6800 West to Bacchus						S.3
-	12600 South			S.4	Additional Lane Each Direction Main to BH, Three EB Lanes through BH Interchange, WB Lane Trap Right at BH Interchange												
-	Herriman Highway									S.5	3-Lane Cross Section 6200 West to 7300 West						
-	13400 South	S.6	Extend Three EB Thru Lanes West Through MVC	S.7	Additional Westbound Lane MVC to 5000 West							S.8	7-Lane Cross Section 5000 West to 5600 West, 5-Lane Cross Section 5600 West to 6400 West	S.9	5-Lane Cross Section 5600 West to 6000 West		
-	7300 West									S.10	New 3-Lane Cross Section Herriman Hwy to Herriman Blvd, New 3-Lane Cross Section Herriman Blvd to 10400 S			S.11	3-Lane Cross Section South of Herriman Highway	S.12	5-Lane Cross Section North of Herriman Boulevard
-	6400 West									S.14	New 3-Lane Cross Section 10400 South to Main						S.15
-	6000 West									S.16	5-Lane Cross Section Herriman Blvd to Main						
-	MVC					S.17	Add Frontage Road Lane NB & SB South of 13400 South	S.18	MVC Freeway Needed	S.18	MVC Freeway Needed						

Sources: Hales Engineering, WFRC RTP, MVC Interactive Map



BACKGROUND

Existing (2019) Improvements:

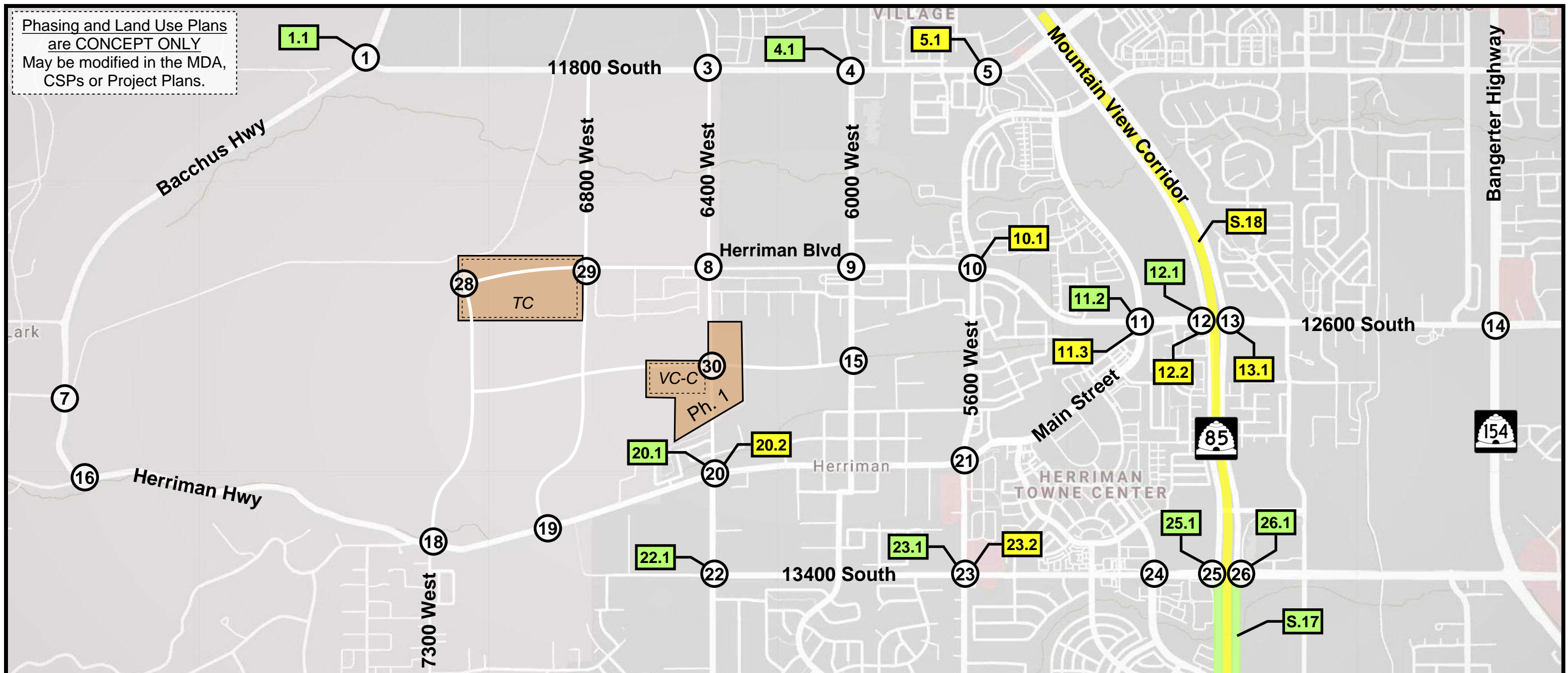
- 14.1** Construct Single-Point Urban Interchange (SPUI)
- S.6** 13400 South: Extend Three EB Thru Lanes West Through MVC

Future (2022) Improvements:

- 11.1** NB Channelized RT Lane
- 14.2** Additional LT Lane on NB Off Ramp
- S.4** 12600 South: Additional Lane Each Direction Main St. to BH, Three EB Lanes through BH Interchange, WB Lane Trap Right at BH Interchange
- S.7** 13400 South: Additional Westbound Lane MVC to 5000 West



Phasing and Land Use Plans
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May be modified in the MDA,
CSPs or Project Plans.



BACKGROUND

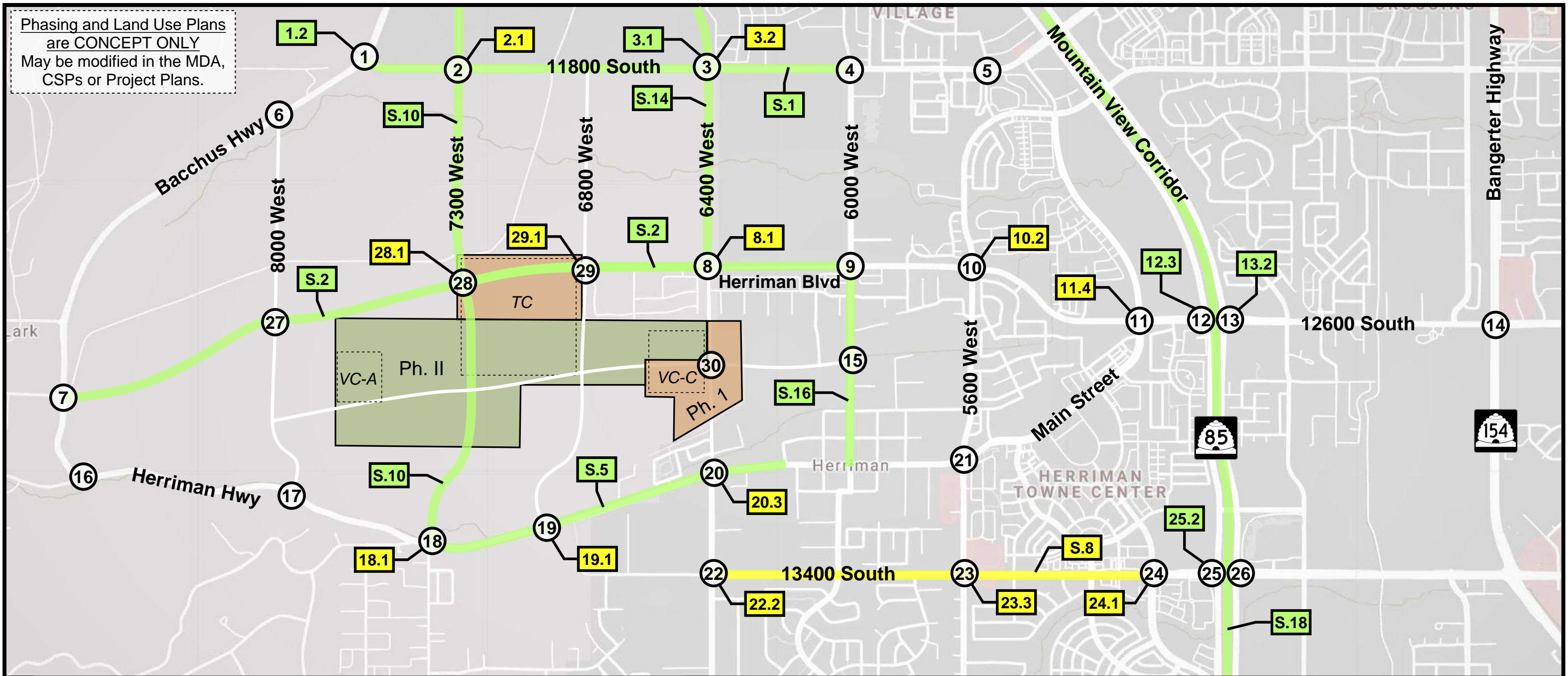
- 1.1 Signal, Turn Pockets, Dual SB LT Lanes
- 4.1 WB PM/PT LT Phasing, Extend WB LT Storage
- 11.2 SB Dual LT Lanes
- 12.1 SB & WB Dual LT Lanes
- 20.1 Signal, Turn Pockets
- 22.1 SB & EB LT/T/RT Lanes
- 23.1 SB & WB Dual LT Lanes, Add SB Thru Lane
- 25.1 Freeway Grade- Separated Interchange

- 26.1 Freeway Grade- Separated Interchange, Northbound Free RT Lane
- S.17 MVC: Add Frontage Road Lane NB & SB South of 13400 South

PLUS PROJECT

- 5.1 WB Dual LT Lanes
- 10.1 WB RT Pocket, Extend LT Lanes on All Approaches
- 11.3 WB Dual LT Lanes
- 12.2 Freeway Grade- Separated Interchange
- 13.1 Freeway Grade- Separated Interchange, Additional WB Thru Lane, Channelized EB/WB RT Lanes
- 20.2 WB PM/PT LT Phasing, Add EB RT Pocket
- 23.2 Extend Turn Lanes on All Approaches, Add WB RT Overlap, Convert NB RT Lane to Shared T/RT Lane
- S.18 MVC Freeway Needed

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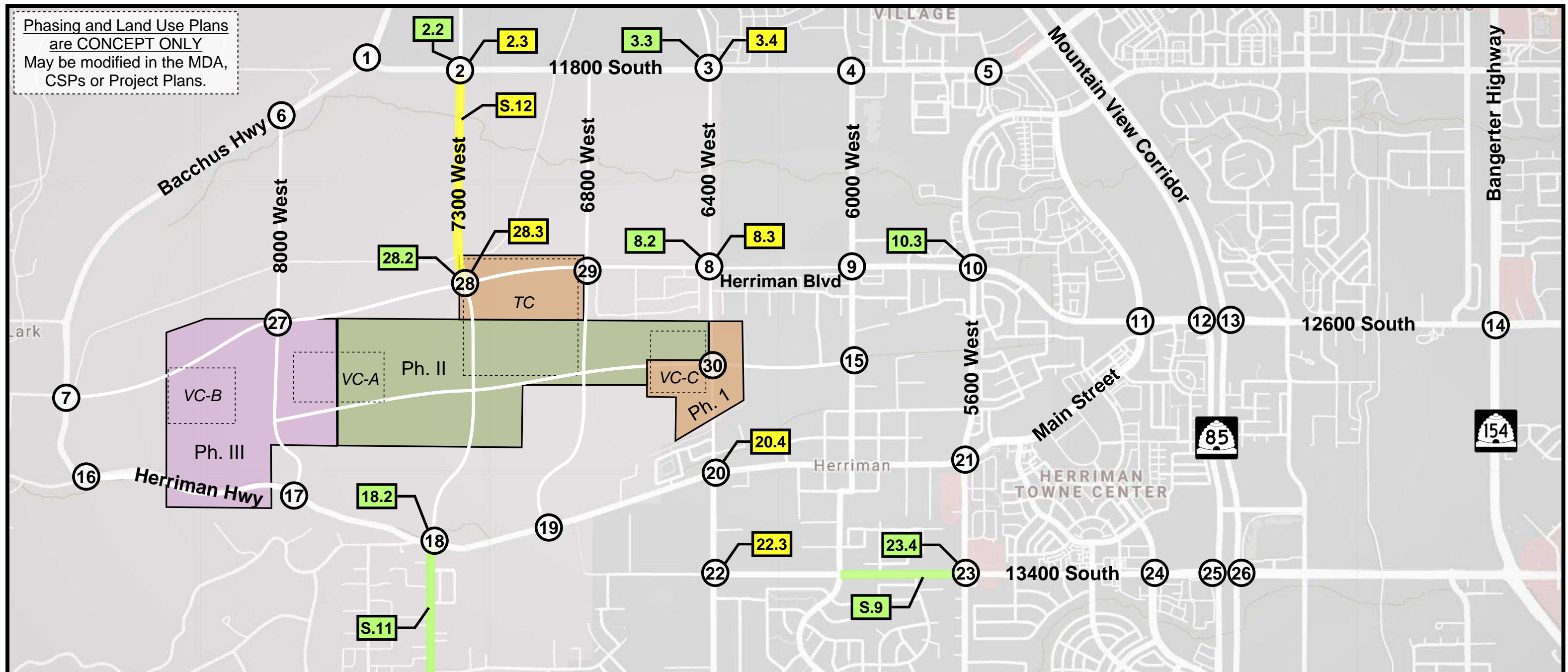
BACKGROUND

- | | |
|---|--|
| 1.2 NB RT Lane | S.2 Herriman Blvd: 5-Lane Cross Section 6000 West to 6800 West, New 3-Lane Cross Section 6800 West to Bacchus |
| 3.1 Signal, Turn Pockets, EB & WB PM/PT LT Phasing | S.5 Herriman Highway: 3-Lane Cross Section 6200 West to 7300 West |
| 12.3 2 NB Thru Lanes, WB Dual LT Lanes, Lengthen SB LT Lanes | S.10 7300 West: New 3-Lane Cross Section Herriman Hwy to Herriman Blvd, New 3-Lane Cross Section Herriman Blvd to 10400 S |
| 13.2 Channelized EB & WB RT Lanes, Convert NB Thru Lane to be Shared T/LT Lane | S.14 6400 West: New 3-Lane Cross Section 10400 South to Main St. |
| 25.2 Channelized EB/WB RT Lanes, Extend 3 EB Lanes to 5000 W | S.16 6000 West: 5-Lane Roadway Herriman Blvd to Main |
| S.1 11800 South: 5-Lane Cross Section Bacchus to 6000 West | S.18 MVC Freeway Needed |

PLUS PROJECT

- | | |
|---|--|
| 2.1 Signal, Turn Pockets | 22.2 SB & WB Dual LT Lanes, WB RT Overlap Phase |
| 3.2 EB & WB RT Lanes, NB PM/PT LT Phasing | 23.3 Add RT Lanes on All Approaches |
| 8.1 Signal, Turn Pockets, EB & WB PM/PT LT Phasing | 24.1 Add WB RT Lane |
| 10.2 Convert NB RT to Shared T/RT | 28.1 Signal, Turn Pockets |
| 11.4 Additional NB Thru lane, Convert EB RT to Shared T/RT | 29.1 Signal, Turn Pockets, EB PM/PT LT Phasing |
| 18.1 Add WB RT Lane | S.8 13400 South: 7-Lane Cross Section 5000 West to 5600 West, 5-Lane Cross Section 5600 West to 6400 West |
| 19.1 Signal, Turn Pockets | |
| 20.3 Add RT Pockets on All Approaches, NB & SB PM/PT LT Phasing, EB RT Overlap Phase | |

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BACKGROUND

- 2.2** Signal, Turn Pockets
- 3.3** EB Dual LT Lanes, NB & SB PM/PT LT Phasing
- 8.2** Signal, Turn Pockets
- 10.3** EB Dual LT Lanes
- 18.2** Signal, Turn Pockets
- 23.4** Extend All Turn Lanes, SB & EB RT Lanes, 2 Thru Lanes on All Approaches
- 28.2** Signal, Turn Pockets
- S.9** 13400 South: 5-Lane Cross Section 5600 West to 6000 West

S.11 7300 West: 3-Lane Cross Section South of Herriman Highway

PLUS PROJECT

- 2.3** PM/PT LT Phasing on All Approaches
- 3.4** PM/PT LT Phasing on All Approaches, NB Dual LT Lanes
- 8.3** PM/PT LT Phasing on All Approaches
- 20.4** PM/PT LT Phasing on All Approaches
- 22.3** WB Dual LT Lanes
- 28.3** PM/PT LT Phasing on All Approaches
- S.12** 7300 West: 5-Lane Cross Section North of Herriman Boulevard

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BACKGROUND

- 3.5** EB & WB RT Lanes
- 10.4** EB & WB RT Lanes
- 11.5** 2 NB Thru Lanes, WB Dual LT Lanes, Lengthen SB LT Lanes
- 20.5** EB & WB RT Lanes
- 22.4** Extend SB LT Lane, WB Dual LT Lanes
- 28.4** RT Lanes on All Approaches, PM/PT LT Phasing on All Approaches
- S.13** 7300 West: 5-Lane Cross Section South of Herriman Highway

PLUS PROJECT

- 2.4** NB & WB Dual Left Turn Lanes
- 3.6** Add SB Thru Lane, Convert NB RT Lane to Shared T/RT Lane, SB RT Overlap Phase
- 6.1** Signal, Turn Pockets
- 10.5** NB & WB Dual LT Lanes, Extend NB LT Lane, Convert NB & SB RT Lanes to Shared T/RT Lanes
- 11.6** EB RT Lane, Add WB Thru Lane
- 17.1** Signal, Turn Pockets
- 18.3** SB RT Lane, SB Dual LT Lanes, PM/PT LT Phasing on All Approaches

- 20.6** NB Dual LT Lanes, EB Channelized RT Lane
- 23.5** EB Dual LT Lanes, Convert EB RT Lane to Shared T/RT Lane
- 27.1** Signal, Turn Pockets
- 28.5** SB EB & WB Dual LT Lanes, WB Channelized RT Lane, Add NB/SB Thru Lanes, Convert EB RT Lane to Share Thru/RT Lane
- S.3** Herriman Blvd: 7-Lane Cross Section Main St. to 6000 West, 5-Lane Cross Section 6800 West to 7300 West
- S.15** 6400 West: 5-Lane Cross Section 11800 S to Herriman Blvd

