



# Construction Schedule

The following phasing information reflects initial plans for construction scheduling. Changes to the schedule and construction phasing activities may occur.

## Segment 1: Southbound I-15 from I-215 interchange to Silverado Ranch



### Segment 1 Activities

- Construction of the southbound auxiliary lane between Blue Diamond Road and Silverado Ranch Boulevard
- Reconstruction of ramps at the Blue Diamond Road interchange
- Construction of the southbound collector-distributor roads
- Connecting I-215 ramps to the southbound collector-distributor roads

Phase	Segment 1 Major Work Elements	Approx Duration
1A	Auxiliary lane south of Blue Diamond	15 weeks
1B	Collector-Distributor roads at Blue Diamond & temporary paving for future eastbound Blue Diamond	4 weeks
1C	I-15 ramp to westbound Blue Diamond. Collector-Distributor road from Blue Diamond to south of Warm Springs	6 months
1D	Temporary ramp pavement I-215 westbound ramp to I-15 southbound & bridge construction over I-215 mainline and I-215 eastbound off-ramp to Las Vegas Blvd, I-15 southbound to I-215 eastbound ramp.	9 months
2A	Collector-Distributor bridge work at Blue Diamond Interchange and associated ramp work	12 months
2B	I-215 eastbound ramp to collector-distributor south of Warm Springs	4 months
2C	I-215 westbound ramp to southbound collector-distributor	6 weeks
3A	Complete collector-distributor at Blue Diamond & ramp work	4 weeks
3B	Complete collector-distributor at I-15 & I-215 eastbound	2 weeks

An early action item in Segment 1 will be the southbound auxiliary lane between Blue Diamond and Silverado Ranch. During construction, I-15 traffic will remain in its existing lane configuration with a reduced right shoulder.

**The overall duration of work activities in Segment 1 is expected to be approximately 26 months.**

## Segment 2: Southbound I-15 from Tropicana Avenue to I-215



### Segment 2 Activities

- Construction of southbound C-D roads from Tropicana Avenue to I-215
- Ramp improvements at Russell Road, Tropicana Avenue, and I-215 southbound ramps
- Affiliated work such as bridges at I-215, Russell Road and the Tropicana Wash Lid (concrete covering over the Tropicana Wash)

Phase	Segment 2 Major Work Elements	Approx Duration
1A	Bridge construction for median widening on I-15 at I-215; bridge widening for the collector-distributor roads at I-215; mainline I-15 widening from Warm Springs to I-215	6 months
1B	I-15 to I-215 eastbound and westbound ramp improvements	11 weeks
1C	Collector-distributor from I-215 to UPRR; improvements on Dean Martin	19 weeks
1D	Bridge construction associated with ramp widening for I-15 to I-215 eastbound	9 months
1E	Collector-distributor from UPRR to Russell on-ramp	17 weeks
1F	Collector-Distributor at Russell & Russell bridge improvements	9 months
1G	Tropicana Wash Lid and associated collector-distributor; Tropicana on-ramp improvements	12 months
2A	Improvements to the I-15 to I-215 westbound ramp	36 weeks
2B	Russell on-ramp widening; collector-distributor in the vicinity of the on ramp gore	7 weeks
2C	Russell off-ramp widening; Collector-distributor in the vicinity of the off-ramp gore	10 weeks
2D	Complete Tropicana ramp over the Tropicana Wash Lid	7 weeks
3A	I-15 to I-215 eastbound ramp improvements, Collector-distributor bridge construction over the I-15 to I-215 ramp	10 months
3B	Complete collector-distributor tie-in at Warm Springs and the eastbound I-215 to I-15 ramp	6 weeks

The overall duration of work activities in Segment 2 is expected to be approximately 21 months.

### Segment 3: Northbound I-15 from Tropicana Avenue to I-215



### Segment 3 Activities

- Construction of the northbound C-D roads from I-215 to Tropicana Avenue
- Ramp improvements at I-215, Russell Road and Tropicana Avenue

- Affiliated work such as bridges at I-215 and Russell Road

Phase	Phase 3 Major Work Elements	Approx Duration
1A	Bridge widening over I-215 eastbound off-ramp to Las Vegas Blvd, and I-15 southbound to I-215 eastbound ramp. Northbound median widening on I-15 at I-215 including bridge work	6 months
1B	Collector-distributor roads from I-215 to UPRR. Bridge construction over I-215 mainline, and over northbound I-15 to westbound I-215 as well as over westbound I-215 to northbound I-15 on-ramp	12 months
1C	Collector-distributor roads at Russell Rd. Collector-distributor bridge construction at Russell & Russell bridge widening	18 months
1D	Collector-distributor road from Russell to Tropicana. West half of Tropicana off-ramp	14weeks
1E	Ramp improvement I-215 westbound to I-15 northbound	6 weeks
2A	Complete ramp improvement 1-215 westbound to I-15 northbound	8 weeks
2B	Collector-distributor from UPRR to Russell ramps	12 weeks
2C	Construct the east half of the Russell on-ramp	10 weeks
2D	Construct west half of the Tropicana off-ramp	12 weeks
2E	Complete ramp improvements I-215 westbound to I -15 northbound	6 weeks
3A	Complete collector-distributor at I-215	4 weeks
3B	Complete collector-distributor south of Russell & complete the west half of the Russell off-ramp	12 weeks

The overall duration of work activities in Segment 3 is expected to be 18 months.

#### Segment 4: Northbound I-15 from I-215 interchange to Silverado Ranch



#### Segment 4 Activities

- Construction of the northbound collector-distributor roads from Blue Diamond Road to I-215
- Reconstruction of ramps at the Blue Diamond Road interchange
- Connecting I-215 ramps to the new collector-distributor roads

Phase	Major Work Elements	Approx Duration
1A	Auxiliary lane from Silverado Ranch to Blue Diamond; east half of the Blue Diamond off-ramp	12 months
1B	Construct portion of the collector-distributor road at Blue Diamond	5 weeks
1C	Construct Blue Diamond flyover bridge and approaches; construct collector-distributor Blue diamond to Warm Springs	4 months
1D	Collector-distributor road from Warm Springs to I-215, portions of the I-215 off-ramp eastbound and westbound	15 weeks
2A	West half of the Blue Diamond off-ramp; collector-distributor infill work between phase 1A and 1B	7 weeks
2B	Bridge work on Blue Diamond flyover connection to the collector-distributor road	12 months

2C	Mainline widening from Blue Diamond to I-215	16 weeks
2D	Remaining portions of the collector-distributor at Warm Springs	9 weeks
3A	Complete mainline widening	15 weeks
3B	Complete work on the I-215 on-ramps	13 weeks

**The overall duration of work activities in Segment 4 is expected to be 20 months.**

### **Sunset Road Bridge**

The newly constructed Sunset Road Bridge will span over I-15. **Construction is expected to take approximately nine months.** No detour or closure is expected for Sunset Road since no crossing currently exists.

### **Warm Springs Road Bridge**

Warm Springs Road is an existing bridge spanning over I-15. As part of the scope of work, the existing bridge will be removed and a new bridge constructed. **During the 12 months Warm Springs Road is closed for construction,** traffic will be detoured.

### **UPRR Bridge**

The existing Boulder Branch UPRR bridge will be left in place and new end spans will be constructed, eliminating the need for major impacts to I-15 traffic. The end spans will be constructed during UPRR closure periods and over the new collector-distributor roads, away from mainline traffic. Shoulder reductions and closures will be needed.