

9000 S AND MONROE INTERSECTION IMPROVEMENT

Sandy City Council Presentation

February 4, 2020



OUTLINE

- GLOBAL BENEFIT
- EXPANSION OF 9000 S MONROE INTERSECTION
- FUNDING SOURCES
- HOLIDAY OIL NEGOTIATIONS



GLOBAL BENEFIT

- IMPROVED TRAFFIC FLOW AND SAFETY
- ENTRY POINT TO CAIRNS AND STADIUM BLOCK MASTER PLAN
- ASSISTS IN NEW CREATING ECONOMIC DEVELOPMENT
- SYMBIOTIC WITH I-15 NB PROJECT: (COLLECTOR/DISTRIBUTOR) LANES

CAIRNS/STADIUM BLOCK MASTER PLAN

.b BEETDIGGER

BOULEVARD EXTENSION
(SEGO LILY DRIVE TO
10600 SOUTH)

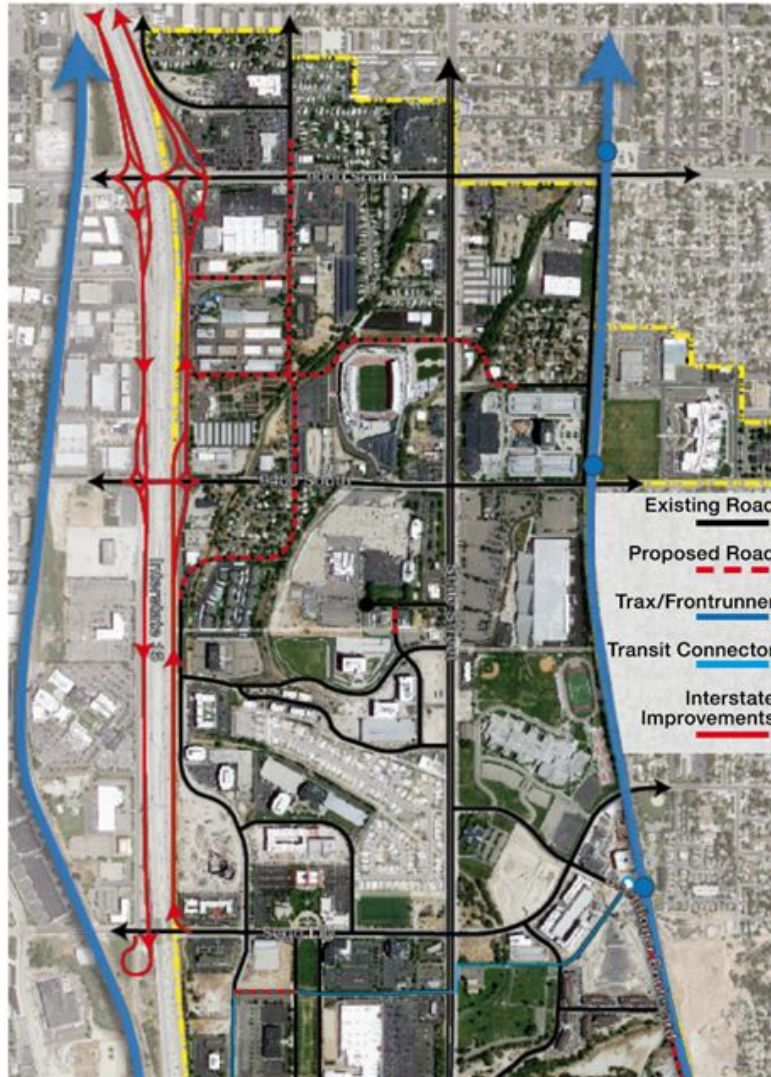
In conjunction with development in the East Village, a north/south minor collector street is needed to adequately service the Area. This road is to be extended from its existing terminus at the UTA Bus Loop near the Civic Center TRAX station and extend to the existing stub street west of the LDS Chapel on 10600 South.

c 10600 SOUTH STREET
NORTHBOUND SLIP
RAMP

UDOT has studied and created a plan to allow Northbound traffic to exit at 10600 South and continue under the freeway interchange and outlet onto the extension of Monroe, near the Shops at South Town.

RE-ROUTED MONROE
STREET

Phase 6 of this project includes a new routing of Monroe Street and widening improvement of some existing roadway sections from 9000 South

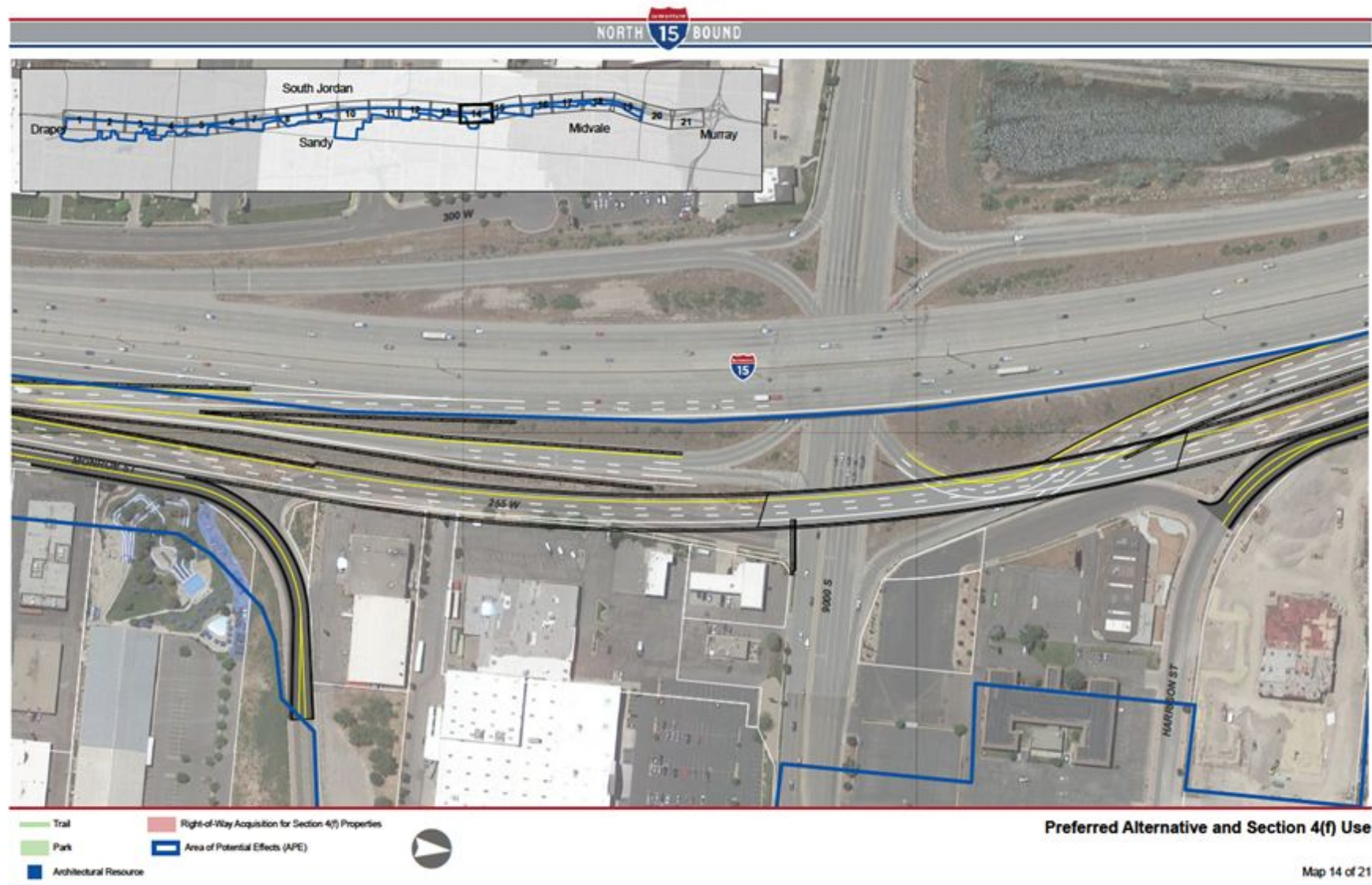


This intersection is considered Phase VII of the Monroe Masterplan.

This is the northern gateway into Sandy, and a key strategic point for transportation needs.

Regardless of when Phase VI is built, this intersection is a needed stand-alone project.

I-15 NB PROJECT



PURPOSE AND NEED

- IMPROVE THE OPERATIONAL SAFETY AT THE INTERSECTION
- REDUCE FUTURE INTERSECTION DELAY
 - Current (11/19): LOS “E” with 61 seconds of delay
 - Opening Day (11/20): LOS “D” with 36 seconds of delay
 - 2040 – No Build: LOS “F” with 84 seconds of delay
 - 2040 – Improved: LOS “E” with 65 seconds of delay



CURRENT DESIGN



- ADD DUAL LEFTS
- ADDITIVE BID FOR TURNAROUND/THRU-U
- 10 FOOT MULTI-USE PATH
- REPLACE WATER LINE
- CONCRETE ON SOUTH LEG
- STREET LIGHTING
- PHASE VI COMPATIBLE

- PARCEL 109
LOCATED AT 153 W
9000 S
- LOT IS 13,668
SQUARE FEET, OR
0.314 ACRE
- REMNANT WILL BE
9,505 SQUARE FEET,
OR 0.218 ACRE

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Proposed sidewalk cuts into C-store 1.25 ft

Cuts off exist access

9000 S (SR-209)

6 ft Sidewalk

11

Remnant too small to rebuild onsite

Sawcut

Proposed ROW

Existing property line

26-30

Cuts off exist access

MONROE ST (150 W)

N

ANNUAL IMPACTS OF NO BUILD

- Air Quality: 676 kg (1,490 lbs) of emissions added
- User Travel Delay Cost: \$1.6 mil*
- LHM Inverse Condemnation (\$800K)
- Adverse effect on future economic development
- Higher construction costs in 2021+ due to inflation/escalating construction costs



* 25 seconds delay per user, 42,000 daily users, \$15/hour time value

DESIGN ISSUES TO AVOID HOLIDAY OIL

SHIFT NORTH AND EAST:

- Club 90, Arby's, Yummy Yum, and Bank of West buildings/operations would be significantly altered
- Purchase 15 homes in Hooser Mobile Park
- New right-of-way acquisitions
- New environmental clearance and design effort
- Significant steel transmission power pole relocation costs

DESIGN SCHEDULE

Milestone	Date
Environmental Clearance	October, 2018 – January 2019
Begin Design	May 16, 2019
Kickoff	June 6, 2019
Plan in Hand (60% Design) Review	September 24, 2019
PS&E (90% Design) Review	February, 2020 (anticipated)
Advertise	March, 2020 (anticipated)
Bid Opening	April, 2020 (3 week bid window)
Construction	June – November, 2020 (anticipated)

FUNDING SOURCES

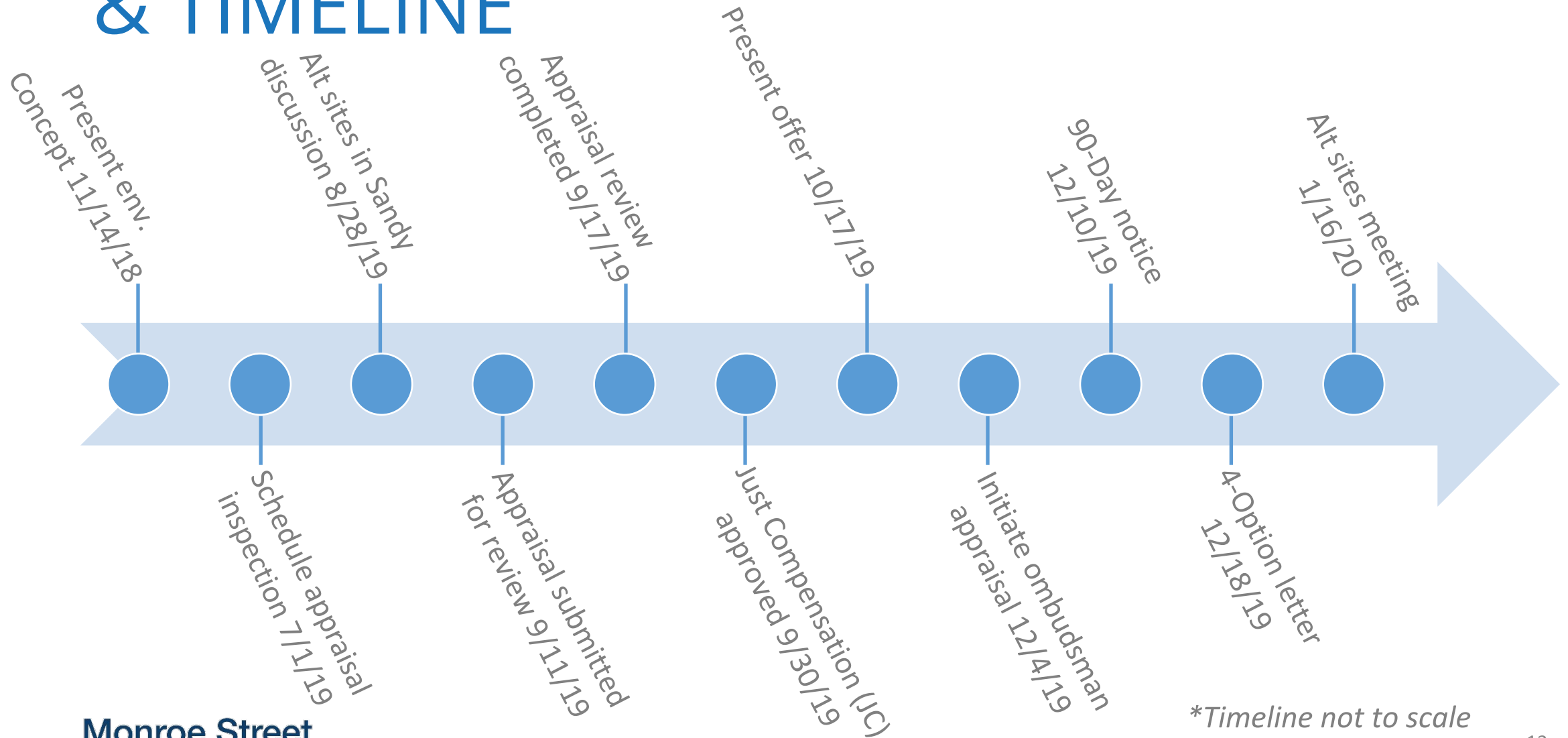
- Federal STP Grant - \$4.2 million
- State Funding from SB 268 - \$1 million
- Salt Lake County Interlocal (SB 277) - \$3.5 million
- Larry H Miller Land Donation - \$800K

Total Funding (including donation) - \$9.5 million

Current estimate (not including thru-turn) - \$9.1 million

Thru-turn additive estimate - \$800K

HOLIDAY OIL SETTLEMENT ATTEMPTS & TIMELINE



**Timeline not to scale*

PROJECTED COURT SCHEDULE

2020 JANUARY						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February 2020						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

2020 MARCH						
SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

APRIL 2020						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

2020 MAY						
SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

2020 JUNE						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
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QUESTIONS

