



October 25, 2024

Dixie MPO
1070 W 1600 S Bldg. B
St. George UT 84770

2029 DMPO TIP Funding Cycle - Letter of Intent

Project Title:

River Road Intersections - 100 South and 700 South

Project Description:

The project improves intersection capacity on River Road at 100 South and 700 South. These intersections would complete the intersection improvements portion of the Phase 1 project "River Road (SG), Widening/intersection improvements, Blvd. to Brigham Road".

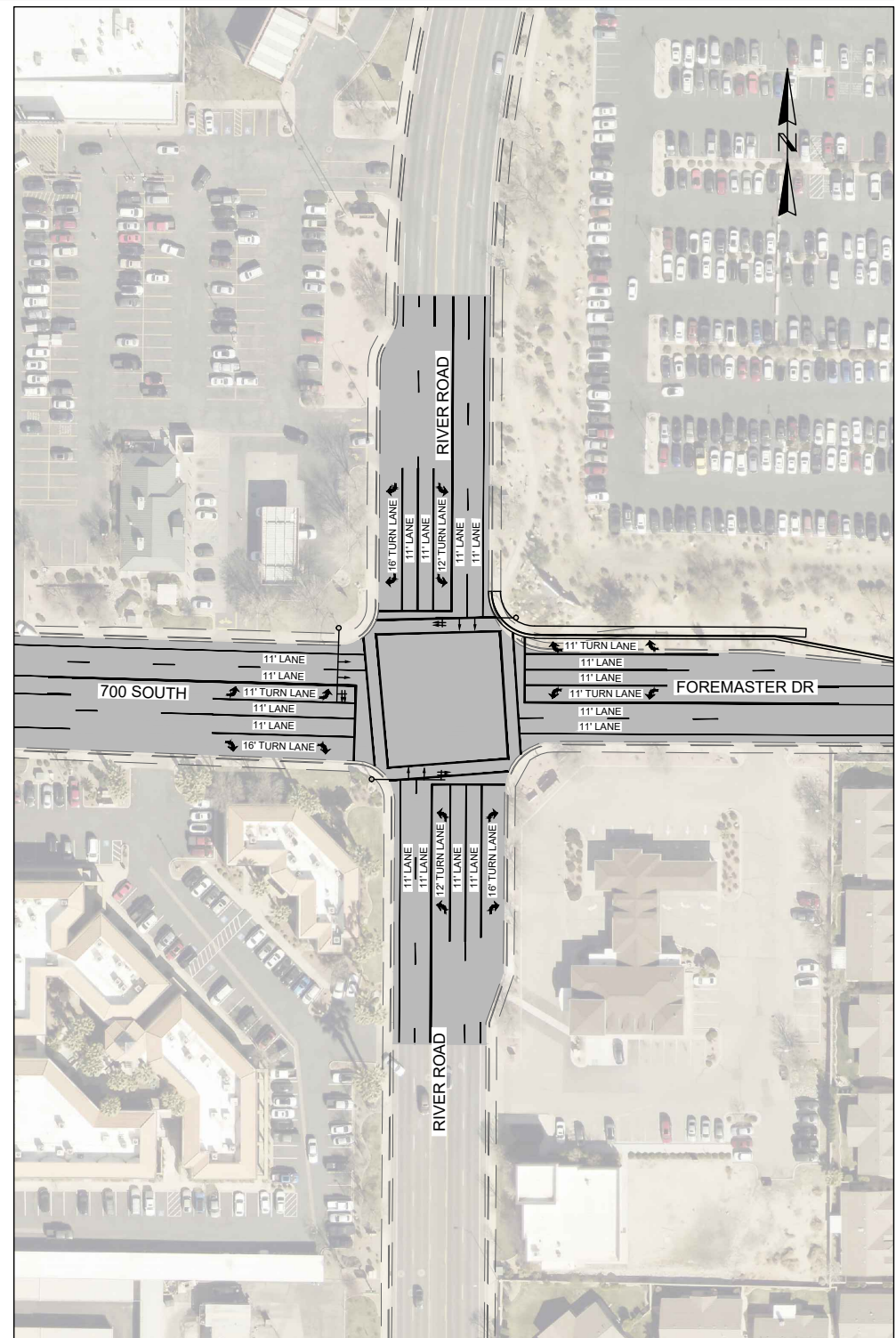
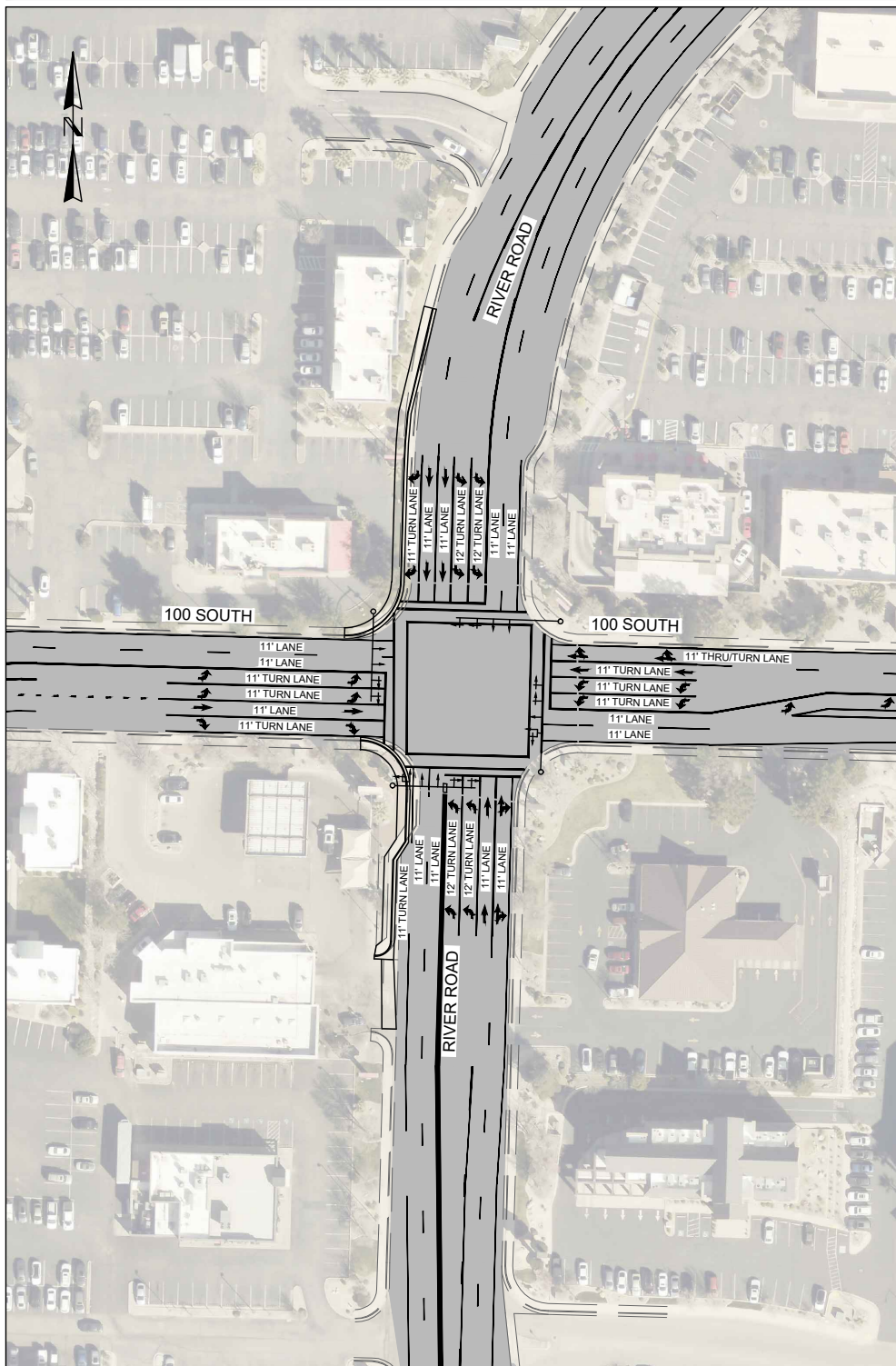
The intersection improvements being submitted originated from the River Road Capacity Study completed in July of 2014 by Horrocks Engineering. These two intersections are the remaining intersections to be completed from that study.

Estimated Project Costs :

Total Estimated Cost (see cost estimates):

\$1,640,645





ENGINEER'S ESTIMATE - SCOPING
100 SOUTH AND RIVER ROAD INTERSECTION IMPROVEMENTS
Updated: 10/23/2024

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	PRICE
10 - ROADWAY					
	Mobilization	1	Lump	\$ 50,000.00	\$ 50,000.00
	Public Information Services	1	Lump	\$ 5,000.00	\$ 5,000.00
	Traffic Control	1	Lump	\$ 40,000.00	\$ 40,000.00
	Temporary Environmental Controls	1	Lump	\$ 5,000.00	\$ 5,000.00
	Survey	1	Lump	\$ 10,000.00	\$ 10,000.00
	Reconstruct Valve Box	2	Each	\$ 1,000.00	\$ 2,000.00
	Reconstruct Manhole	1	Each	\$ 1,400.00	\$ 1,400.00
	Remove Catch Basin	3	Each	\$ 2,000.00	\$ 6,000.00
	Remove Pipe	5	ft	\$ 50.00	\$ 250.00
	Remove Paint Striping	5,000	ft	\$ 2.50	\$ 12,500.00
	Remove Concrete Sidewalk	2,400	sq ft	\$ 2.00	\$ 4,800.00
	Remove Concrete Curb and Gutter	410	ft	\$ 10.00	\$ 4,100.00
	Remove Asphalt Pavement	500	sq ft	\$ 5.00	\$ 2,500.00
	Roadway Excavation (Plan Quantity)	200	cu yd	\$ 17.00	\$ 3,400.00
	Drainage Pipe - 24 inch, Smooth, Leak-Resistant	40	ft	\$ 195.00	\$ 7,800.00
	Concrete Drainage Structure	3	Each	\$ 9,000.00	\$ 27,000.00
	Untreated Base Course (Plan Quantity)	150	cu yd	\$ 42.00	\$ 6,300.00
	HMA - 1/2 inch	155	Ton	\$ 110.00	\$ 17,050.00
	Perpendicular/Parallel Pedestrian Access Ramp	3	Each	\$ 8,000.00	\$ 24,000.00
	Concrete Waterway	60	sq ft	\$ 25.00	\$ 1,500.00
	Concrete Curb and Gutter Type HB30-7	410	ft	\$ 40.00	\$ 16,400.00
	Plowable End Section	2	Each	\$ 3,500.00	\$ 7,000.00
	Curb Type M2 (Back to Back)	1,040	ft	\$ 40.00	\$ 41,600.00
	Concrete Sidewalk or Flatwork	1,210	sq ft	\$ 9.00	\$ 10,890.00
10 - ROADWAY SUBTOTAL					\$ 306,490.00
20 - LANDSCAPING					
	Landscaping Restoration	4,100	sq ft	\$ 5.00	\$ 20,500.00
20 - LANDSCAPING SUBTOTAL					\$ 20,500.00
30 - SIGNING & PAVEMENT MARKING PAINT					
	Pavement Message Paint	40	Each	\$ 120.00	\$ 4,800.00
	Pavement Marking Paint	180	gal	\$ 50.00	\$ 9,000.00
	Sign Type A-1 or A-2	75	sq ft	\$ 40.00	\$ 3,000.00
	Remove Sign Less Than 20 Square Feet	3	Each	\$ 110.00	\$ 330.00
	Sign Base	5	Each	\$ 250.00	\$ 1,250.00
	Sign Post	5	Each	\$ 170.00	\$ 850.00
30 - SIGNING & PAVEMENT MARKING PAINT SUBTOTAL					\$ 19,230.00
40 - SIGNAL					
	Traffic Signal Improvements	1	Lump	\$ 400,000.00	\$ 400,000.00
40 - SIGNAL SUBTOTAL					\$ 400,000.00
CONSTRUCTION TOTAL					\$ 746,220.00
ITEMS NOT ESTIMATED (10%)					\$ 74,630.00
PRELIMINARY ENGINEERING					\$ 59,700.00
CONSTRUCTION ENGINEERING					\$ 44,780.00
GRAND TOTAL					\$ 925,330.00

ENGINEER'S ESTIMATE - SCOPING
700 SOUTH AND RIVER ROAD INTERSECTION IMPROVEMENTS
Updated: 10/23/2024

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	PRICE
10 - ROADWAY					
	Mobilization	1	Lump	\$ 20,000.00	\$ 20,000.00
	Public Information Services	1	Lump	\$ 5,000.00	\$ 5,000.00
	Traffic Control	1	Lump	\$ 40,000.00	\$ 40,000.00
	Temporary Environmental Controls	1	Lump	\$ 5,000.00	\$ 5,000.00
	Survey	1	Lump	\$ 10,000.00	\$ 10,000.00
	Remove Paint Striping	5,000	ft	\$ 2.50	\$ 12,500.00
	Remove Concrete Sidewalk	1,500	sq ft	\$ 2.00	\$ 3,000.00
	Remove Concrete Curb and Gutter	500	ft	\$ 10.00	\$ 5,000.00
	Remove Asphalt Pavement	1,000	sq ft	\$ 5.00	\$ 5,000.00
	Roadway Excavation (Plan Quantity)	370	cu yd	\$ 17.00	\$ 6,296.30
	Untreated Base Course (Plan Quantity)	135	cu yd	\$ 42.00	\$ 5,670.00
	HMA - 1/2 inch	140	Ton	\$ 110.00	\$ 15,400.00
	Perpendicular/Parallel Pedestrian Access Ramp	2	Each	\$ 8,000.00	\$ 16,000.00
	Concrete Curb and Gutter Type HB30-7	500	ft	\$ 40.00	\$ 20,000.00
	Concrete Sidewalk or Flatwork	500	sq ft	\$ 9.00	\$ 4,500.00
10 - ROADWAY SUBTOTAL					\$ 173,366.30
20 - LANDSCAPING					
	Landscaping Restoration	6,600	sq ft	\$ 10.00	\$ 66,000.00
20 - LANDSCAPING SUBTOTAL					\$ 66,000.00
30 - SIGNING & PAVEMENT MARKING PAINT					
	Pavement Message Paint	16	Each	\$ 120.00	\$ 1,920.00
	Pavement Marking Paint	180	gal	\$ 50.00	\$ 9,000.00
30 - SIGNING & PAVEMENT MARKING PAINT SUBTOTAL					\$ 10,920.00
40 - SIGNAL					
	Traffic Signal Improvements	1	Lump	\$ 400,000.00	\$ 400,000.00
40 - SIGNAL SUBTOTAL					\$ 400,000.00
CONSTRUCTION TOTAL					\$ 650,286.30
ITEMS NOT ESTIMATED (10%)					\$ 65,028.63
PRELIMINARY ENGINEERING					\$ 52,030.00
CONSTRUCTION ENGINEERING					\$ 39,020.00
GRAND TOTAL					\$ 715,314.93