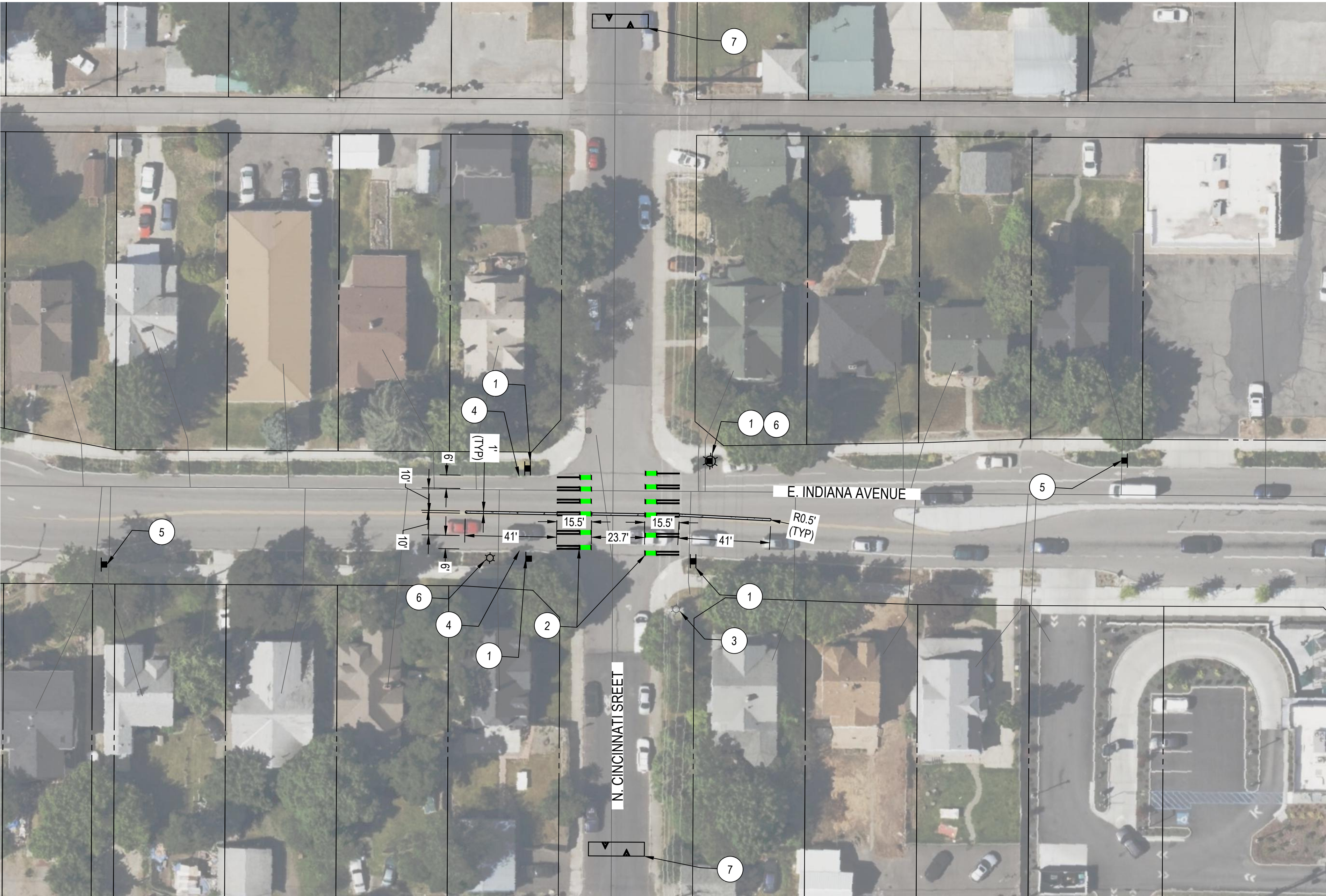




LEGEND:

- PROPERTY LINE
-  PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

1. INSTALL TRAIL CROSSING SIGNS (W11-15 AND W16-7P) PER COS STD PLAN SECTION G.
2. INSTALL CROSSWALK AND BIKE SKIP MARKING PER COS STD PLAN SECTION G.
3. REMOVE EXISTING AVISTA LUMINAIRE.
4. PROTECT EXISTING CURB CUTS TO PRESERVE EXISTING DRAINAGE PATTERNS.
5. INSTALL PEDESTRIAN CROSSING SIGNS (W11-15 AND W16-9P) PER COS STD PLAN SECTION G.
6. INSTALL NEW LUMINAIRE PER COS STD PLAN SECTION J.
7. INSTALL SPEED HUMP WITH MARKING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

**BID DRAWING
NOT FOR CONSTRUCTION**

1
1 of 1

REVISIONS - RECORD DWG STATUS				NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)							
				NAVD88 ELEV.: N/A	 SCALE IN FEET	BENCH MARK LOCATION: N/A		CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
				CBM NO.: N/A		N/A		BY DATES			
				NAVD88 DATUM		SCALE		DRAWN: KMS 08/2026			
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		SCALE		HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 30'		APPROVED: ANM 08/2026			
						VERTICAL SCALE (22 x 34) N/A					



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
SHEET NAME: N. CINCINNATI ST. AND E. INDIANA AVE.		PROJECT NO.	GEO. LOCATION
PROJECT LIMITS: DISTRICT 1		N/A	N/A

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>				BY: <u>KMS</u>			
DESCRIPTION: <u>Cincinnati Street at Indiana Avenue</u>				CHECKED BY: <u>ANM</u>			
				DATE: <u>6/29/2026</u>			
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 4,600	\$ 4,600
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 3,100	\$ 3,100
3	3-02	-	SAWCUTTING PAVEMENT	371	LFI	\$ 2	\$ 742
4	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	60	SY	\$ 40	\$ 2,400
5	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	100	SY	\$ 40	\$ 4,000
6	8-01		ESC LEAD	1	LS	\$ 600	\$ 600
7	8-01	-	INLET PROTECTION	1	EA	\$ 130	\$ 130
8	-	-	SPEED HUMP	40	SY	\$ 200	\$ 8,000
9	-	-	TRAFFIC ISLAND CONCRETE	20	SY	\$ 120	\$ 2,400
10	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 5,500	\$ 5,500
11	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	290	SF	\$ 15	\$ 4,350
12	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 2,000	\$ 2,000
						SUBTOTAL	\$ 42,822
CONTINGENCY				30%			\$ 12,850
CONSTRUCTION TOTAL (ROUNDED)							\$ 56,000
FINAL DESIGN FEE				12%			\$ 6,720
CONSTRUCTION MANAGEMENT				15%			\$ 8,400
SUBTOTAL							\$ 15,120
GRAND TOTAL (ROUNDED)							\$ 71,000

DRAFT

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>RAD</u>	
DESCRIPTION: <u>Hamilton Street at Illinois Avenue and Jackson Avenue</u>						CHECKED BY: <u>RAS</u>	
						DATE: <u>6/19/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 55,400	\$ 55,400
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 36,900	\$ 36,900
4	3-02	-	REMOVE EXISTING CURB	680	LF	\$ 20	\$ 13,600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	200	SY	\$ 30	\$ 6,000
6	3-02	-	SAWCUTTING CURB	16	EA	\$ 45	\$ 720
7	3-02	-	SAWCUTTING PAVEMENT	780	LFI	\$ 2	\$ 1,560
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	350	SY	\$ 25	\$ 8,750
9	4-05	-	CSTC FOR DRIVEWAYS, 4 INCH THICK	110	SY	\$ 55	\$ 6,050
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	365	SY	\$ 40	\$ 14,600
11	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	530	SY	\$ 40	\$ 21,200
12	7-05	-	CATCH BASIN TYPE 1	2	EA	\$ 3,500	\$ 7,000
13	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	2	EA	\$ 1,500	\$ 3,000
14	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	30	LF	\$ 110	\$ 3,300
15	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	2	EA	\$ 1,000	\$ 2,000
16	8-01		ESC LEAD	1	LS	\$ 3,500	\$ 3,500
17	8-01	-	INLET PROTECTION	3	EA	\$ 130	\$ 390
18	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	160	SY	\$ 20	\$ 3,200
19	8-02	-	HYDROSEEDING	160	SY	\$ 20	\$ 3,200
20	8-02	-	SOD INSTALLATION	160	SY	\$ 30	\$ 4,800
21	8-04	-	CEMENT CONC. CURB AND GUTTER	640	LF	\$ 45	\$ 28,800
22	8-06	-	CEMENT CONCRETE DRIVEWAY	110	SY	\$ 110	\$ 12,100
23	8-14	-	CEMENT CONC. SIDEWALK	350	SY	\$ 120	\$ 42,000
24	8-14	-	RAMP DETECTABLE WARNING	64	SF	\$ 30	\$ 1,920
25	8-20	-	CONTROLLER MODIFICATION	1	EA	\$ 10,000	\$ 10,000
26	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, N HAMILTON ST & E. JACKSON AVE.	1	LS	\$ 150,000	\$ 150,000
27	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 6,000	\$ 6,000
28	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	215	SF	\$ 15	\$ 3,225
29	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
30	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 2,000	\$ 2,000
						SUBTOTAL	\$ 461,215
CONTINGENCY						30%	\$ 138,370
						CONSTRUCTION TOTAL (ROUNDED)	\$ 600,000
FINAL DESIGN FEE						15%	\$ 90,000
CONSTRUCTION MANAGEMENT						15%	\$ 90,000
						SUBTOTAL	\$ 180,000
						GRAND TOTAL (ROUNDED)	\$ 780,000

DRAFT



1. INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
2. REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.
3. CONSTRUCT CEMENT CONCRETE DRIVEWAY & TRANSITION PER COS STD PLAN SECTION F.
4. INSTALL PARKING LANE LINE PER COS STD PLAN SECTION G.
5. INSTALL CENTER LINE PER COS STD PLAN SECTION G.
6. INSTALL BIKE LANE MARKING PER COS STD PLAN SECTION G.
7. INSTALL BIKE LANE SKIP MARKING.
8. INSTALL BIKE RAMP.
9. INSTALL PAVEMENT MARKING SYMBOL PER COS STD PLAN SECTION G.
10. REMOVE AND REPLACE SIGN ASSEMBLY.
11. REMOVE AND REPLACE EXISTING HYDRANT.
12. INSTALL PLANTER AREA.
13. INSTALL NEW BIKE LANE ENDS SIGN PER COS STD PLAN SECTION G.
14. REMOVE EXISTING TRAFFIC ISLAND AND INSTALL NEW TRAFFIC ISLAND.
15. SHARED USE PATH TO BE EXTENDED AS PART OF CYCLE 14 TRAFFIC CALMING PROJECT. INSTALL BIKE SKIP AND TWO-STAGE QUEUE BOX.

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2
2 of 2

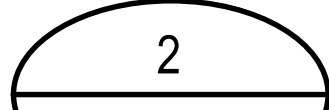
REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)					CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022				CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
	NAVD88 ELEV.: N/A			BENCH MARK LOCATION: N/A			BY		DATES			
	CBM NO.: N/A			N/A								
	NAVD88 DATUM			SCALE		HORIZONTAL SCALE (22 x 34)		PLAN & PROFILE		1"= 50'		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	VERTICAL SCALE (22 x 34)		N/A		APPROVED: ANM		07/2026			

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NOT FOR CONSTRUCTION



DATE:



PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		
SHEET NAME: E.ILLINOIS AVE. N. HAMILTON ST. TO N. PERRY ST.	TYPE OF IMPROVEMENT: TRAFFIC	
PROJECT LIMITS: DISTRICT 1	PROJECT NO. N/A	GEO. LOCATION N/A

CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Illinois Avenue, Hamilton Street to Perry Street</u>						CHECKED BY: <u>RAS</u>	
Value Engineering Option: Quick-Build with delineators rather than curb bumpouts						DATE: <u>6/19/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 144,500	\$ 144,500
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 96,300	\$ 96,300
3	3-02	-	REMOVE EXISTING CURB	3,250	LF	\$ 20	\$ 65,000
4	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	630	SY	\$ 30	\$ 18,900
5	3-02	-	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	4	EA	\$ 2,000	\$ 8,000
6	3-02	-	SAWCUTTING CURB	26	EA	\$ 45	\$ 1,170
7	3-02	-	SAWCUTTING PAVEMENT	3,605	LFI	\$ 2	\$ 7,210
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	860	SY	\$ 25	\$ 21,500
9	4-05	-	CSTC FOR DRIVEWAYS, 4 INCH THICK	270	SY	\$ 55	\$ 14,850
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	1,740	SY	\$ 40	\$ 69,600
11	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	1,780	SY	\$ 45	\$ 80,100
12	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	4,620	SY	\$ 40	\$ 184,800
13	-	-	REMOVE EXISTING TRAFFIC ISLAND CONCRETE	10	SY	\$ 100	\$ 1,000
14	7-05	-	CATCH BASIN TYPE 1	6	EA	\$ 3,500	\$ 21,000
15	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	4	EA	\$ 1,500	\$ 6,000
16	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	150	LF	\$ 110	\$ 16,500
17	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING OR PROPOSED CB, DW, OR MH	6	EA	\$ 1,000	\$ 6,000
18	7-14	-	HYDRANT ASSEMBLY	2	EA	\$ 10,000	\$ 20,000
19	8-01		ESC LEAD	1	LS	\$ 17,700	\$ 17,700
20	8-01	-	INLET PROTECTION	10	EA	\$ 130	\$ 1,300
21	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	120	SY	\$ 20	\$ 2,400
22	8-02	-	HYDROSEEDING	120	SY	\$ 20	\$ 2,400
23	8-02	-	SOD INSTALLATION	120	SY	\$ 30	\$ 3,600
24	8-04	-	CEMENT CONC. CURB AND GUTTER	3,390	LF	\$ 45	\$ 152,550
25	8-06	-	CEMENT CONCRETE DRIVEWAY	250	SY	\$ 110	\$ 27,500
26	-	-	TRAFFIC ISLAND CONCRETE	15	SY	\$ 120	\$ 1,800
27	8-14	-	CEMENT CONC. SIDEWALK	820	SY	\$ 120	\$ 98,400
28	8-14	-	RAMP DETECTABLE WARNING	307	SF	\$ 30	\$ 9,210
29	8-20	-	TRAFFIC SIGNAL SYSTEM RETROFIT, ILLINOIS & PERRY	1	LS	\$ 5,000	\$ 5,000
30	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 20,000	\$ 20,000
31	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	1,920	SF	\$ 10	\$ 19,200
32	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	3,725	SF	\$ 15	\$ 55,875
33	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	11	EA	\$ 400	\$ 4,400
						SUBTOTAL	\$ 1,203,765
CONTINGENCY						30%	\$ 361,130
						CONSTRUCTION TOTAL (ROUNDED)	\$ 1,565,000
FINAL DESIGN FEE						12%	\$ 187,800
CONSTRUCTION MANAGEMENT						15%	\$ 234,750
						SUBTOTAL	\$ 422,550
						GRAND TOTAL (ROUNDED)	\$ 1,988,000

DRAFT



LEGEND:
----- PROPERTY LINE

- # CONSTRUCTION NOTES:**
- EXISTING R7 SIGN TO REMAIN.
 - EXISTING W2-6 AND W13-1 SIGNS TO REMAIN.
 - INSTALL SPEED HUMP WITH MARKING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR
INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

DATE:

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PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: E. LYONS AVE. N. STANDARD ST TO N. NEVADA ST.	TYPE OF IMPROVEMENT:	TRAFFIC
	PROJECT NO.	GEO. LOCATION
PROJECT LIMITS: DISTRICT 1	N/A	N/A

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	 SCALE IN FEET	
			CBM NO. : N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 20' VERTICAL SCALE (22 x 34) N/A

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022		
BY	DATES	
DRAWN: DRV	08/2026	
APPROVED: ANM	08/2026	

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

C:\dowl_p\0441086\WC-CT-15246-C04.dwg PLOT DATE: Aug 12, 2026 - 10:22AM



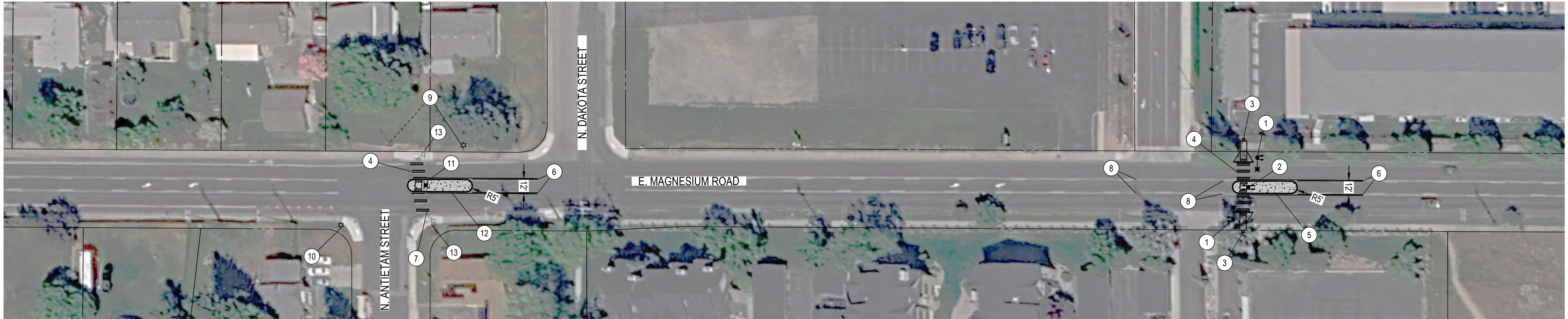
CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Spokane Traffic Calming Master Plan
DESCRIPTION: Lyons Avenue, Standard Street to Nevada Street

BY: DRV
CHECKED BY: ANM
DATE: 7/17/2026

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 2,000	\$ 2,000
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 1,400	\$ 1,400
3	3-02	-	SAWCUTTING PAVEMENT	170	LFI	\$ 2	\$ 340
4	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	50	SY	\$ 40	\$ 2,000
5	8-01	-	ESC LEAD	1	LS	\$ 400	\$ 400
6	8-01	-	INLET PROTECTION	4	EA	\$ 130	\$ 520
7	-	-	SPEED HUMP	50	SY	\$ 200	\$ 10,000
SUBTOTAL							\$ 16,660
CONTINGENCY 30%							\$ 5,000
CONSTRUCTION TOTAL (ROUNDED)							\$ 22,000
FINAL DESIGN FEE 12%							\$ 2,640
CONSTRUCTION MANAGEMENT 15%							\$ 3,300
SUBTOTAL							\$ 5,940
GRAND TOTAL (ROUNDED)							\$ 28,000

DRAFT



LEGEND:

- PROPERTY LINE
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL NEW LUMINAIRE AND RECTANGULAR RAPID FLASHING BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
- INSTALL RECTANGULAR RAPID FLASHING BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
- INSTALL PEDESTRIAN PUSH BUTTON AND FOUNDATION PER COS STD PLAN SECTION J.
- INSTALL CROSSWALK PER STD PLAN SECTION G.
- CONSTRUCT PEDESTRIAN REFUGE ISLAND PER COS DESIGN STANDARDS CH. 3.
- INSTALL CENTER LINE MARKING PER COS STD PLAN SECTION G.
- PLANNED PROJECT TO UPGRADE EXISTING CROSSWALK TO RRFB.
- REMOVE EXISTING TWO WAY LEFT TURN LANE STRIPING IN DRIVEWAY EXTENTS.
- RELOCATE EXISTING AVISTA OWNED AND MAINTAINED LUMINAIRE.
- INSTALL NEW LUMINAIRE.
- INSTALL SCHOOL CROSSING SIGNS (S1-1 AND W16-7P) PER COS STD PLAN SECTION G.
- OPTION 1 - CONSTRUCT PEDESTRIAN REFUGE ISLAND PER COS DESIGN STANDARDS CH. 3.
- PROTECT EXISTING SCHOOL CROSSING ASSEMBLY.

GENERAL NOTE:

DESIGN OPTION TO INSTALL RAISED CROSSWALK ACROSS E. MAGNESIUM ROAD INSTEAD OF PEDESTRIAN REFUGE ISLAND.

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1
1 of 1

DATE:

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: E. MAGNESIUM ROAD
N. DAKOTA ST. TO N. NEVADA ST.

PROJECT LIMITS: DISTRICT 1

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. N/A

GEO. LOCATION N/A

REVISIONS - RECORD DWG STATUS			NAV D88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV D88)		
			NAV D88 ELEV. : N/A	200 0 200 40 SCALE IN FEET	
			CBM NO. : N/A		
			NAV D88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 40'	VERTICAL SCALE (22 x 34) N/A

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022

BY: AAE DATES: 08/2026

APPROVED: ANM 08/2026

CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON

DEPARTMENT OF ENGINEERING SERVICES

808 WEST SPOKANE FALLS BLVD.

SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

C:\dowl_jw\0441086\WC-CT-15246-C05.dwg PLOT DATE: Aug 22, 2026 - 2:01PM



CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Spokane Traffic Calming Master Plan
DESCRIPTION: Magnesium Road, Dakota Street to Nevada Street

BY: AAE
CHECKED BY: ANM
DATE: 6/26/2026

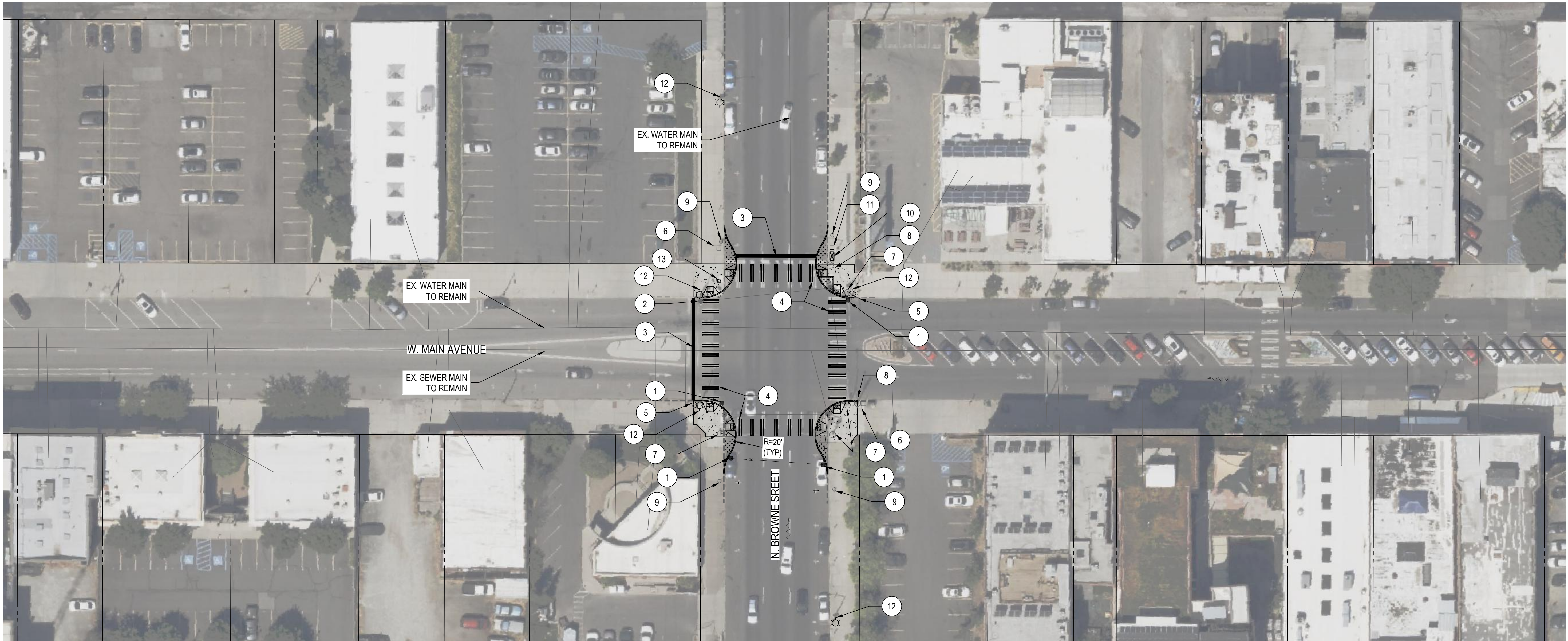
Option 1: With Pedestrian Refuge Island at Antietam Street

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 16,000	\$ 16,000
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 10,700	\$ 10,700
4	3-02	-	REMOVE EXISTING CURB	30	LF	\$ 20	\$ 600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	10	SY	\$ 30	\$ 300
6	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180
7	3-02	-	SAWCUTTING PAVEMENT	286	LFI	\$ 2	\$ 572
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	30	SY	\$ 25	\$ 750
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	70	SY	\$ 40	\$ 2,800
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	190	SY	\$ 40	\$ 7,600
11	8-01		ESC LEAD	1	LS	\$ 1,300	\$ 1,300
12	8-04	-	CEMENT CONC. CURB AND GUTTER	30	LF	\$ 45	\$ 1,350
13	8-14	-	CEMENT CONC. SIDEWALK	30	SY	\$ 120	\$ 3,600
14	-	-	TRAFFIC ISLAND CONCRETE	100	SY	\$ 120	\$ 12,000
15	8-14	-	RAMP DETECTABLE WARNING	60	SF	\$ 30	\$ 1,800
16	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, MAGNESIUM AND DAKOTA	1	LS	\$ 50,000	\$ 50,000
17	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,500	\$ 3,500
18	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	260	SF	\$ 10	\$ 2,600
19	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	550	SF	\$ 15	\$ 8,250
20	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 4,000	\$ 4,000
SUBTOTAL							\$ 132,902
CONTINGENCY 30%							\$ 39,880
CONSTRUCTION TOTAL (ROUNDED)							\$ 173,000
FINAL DESIGN FEE 12%							\$ 20,760
CONSTRUCTION MANAGEMENT 15%							\$ 25,950
SUBTOTAL							\$ 46,710
GRAND TOTAL (ROUNDED)							\$ 220,000

DRAFT

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>				BY: <u>AAE</u>			
DESCRIPTION: <u>Magnesium Road, Dakota Street to Nevada Street</u>				CHECKED BY: <u>ANM</u>			
				DATE: <u>6/26/2026</u>			
Option 2: Without Pedestrian Refuge Island at Antietam Street							
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 12,900	\$ 12,900
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 8,600	\$ 8,600
4	3-02	-	REMOVE EXISTING CURB	30	LF	\$ 20	\$ 600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	10	SY	\$ 30	\$ 300
6	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180
7	3-02	-	SAWCUTTING PAVEMENT	162	LFI	\$ 2	\$ 324
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	30	SY	\$ 25	\$ 750
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	50	SY	\$ 40	\$ 2,000
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	110	SY	\$ 40	\$ 4,400
11	8-01		ESC LEAD	1	LS	\$ 1,300	\$ 1,300
12	8-04	-	CEMENT CONC. CURB AND GUTTER	30	LF	\$ 45	\$ 1,350
13	8-14	-	CEMENT CONC. SIDEWALK	30	SY	\$ 120	\$ 3,600
14	-	-	TRAFFIC ISLAND CONCRETE	50	SY	\$ 120	\$ 6,000
15	8-14	-	RAMP DETECTABLE WARNING	40	SF	\$ 30	\$ 1,200
16	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, MAGNESIUM AND DAKOTA	1	LS	\$ 50,000	\$ 50,000
17	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 1,500	\$ 1,500
18	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	90	SF	\$ 10	\$ 900
19	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	280	SF	\$ 15	\$ 4,200
20	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 2,000	\$ 2,000
						SUBTOTAL	\$ 107,104
CONTINGENCY						30%	\$ 32,140
						CONSTRUCTION TOTAL (ROUNDED)	\$ 139,000
FINAL DESIGN FEE						12%	\$ 16,680
CONSTRUCTION MANAGEMENT						15%	\$ 20,850
						SUBTOTAL	\$ 37,530
						GRAND TOTAL (ROUNDED)	\$ 177,000

DRAFT



LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN
- FLOW ARROW

CONSTRUCTION NOTES:

- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
- PROTECT EXISTING DRAIN INLET.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- PROTECT EXISTING HYDRANT.
- PROTECT EXISTING SIGN ASSEMBLY.
- PROTECT EXISTING SIGNAL POLE.
- PROTECT EXISTING LUMINAIRE.
- REMOVE EXISTING PARKING METER AND UPDATE PARKING MARKINGS BASED ON THIS REMOVAL PER COS STD PLAN SECTION G.
- REMOVE AND REPLACE EXISTING SIGNAL CONTROLLER CABINET. MODIFY SIGNAL TIMING TO PROVIDE LEADING PEDESTRIAN INTERVALS.
- INSTALL NEW METER BASE CABINET.
- REMOVE EXISTING LUMINAIRE AND REPLACE WITH DECORATIVE POLE PER COS STD PLAN SECTION J.
- MODIFY EXISTING SIGNAL FOR NEW PEDESTRIAN PEDESTAL PER COS STD PLAN SECTION J.

GENERAL NOTE:

THIS PROJECT IS ON A STATE ROUTE AND WOULD REQUIRE WASHINGTON DEPARTMENT OF TRANSPORTATION (WSDOT) APPROVAL AND CHANNELIZATION PLANS.

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 1

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: W. MAIN AVE. AND N. BROWNE ST.

PROJECT LIMITS: DISTRICT 1

DATE:

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. GEO. LOCATION

N/A N/A

C:\cowl_p\0441086\WC-CT-15246-C06.dwg PLOT DATE: Aug 22, 2026 - 2:54PM

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV.: N/A	BENCH MARK LOCATION: N/A	
			CBM NO.: N/A	N/A	
			NAVD88 DATUM	N/A	
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE 1"= 20'
				VERTICAL SCALE (22 x 34)	N/A

15 0 15 30

SCALE IN FEET

CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON

DEPARTMENT OF ENGINEERING SERVICES

808 WEST SPOKANE FALLS BLVD.

SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022

BY DATES

DRAWN: DRV 08/2026

APPROVED: ANM 08/2026

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: Spokane Traffic Calming Master Plan						BY: DRV	
DESCRIPTION: Main Avenue and Browne Street						CHECKED BY: RAS	
						DATE: 6/19/2026	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 35,100	\$ 35,100
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 23,400	\$ 23,400
4	3-02	-	REMOVE EXISTING CURB	230	LF	\$ 20	\$ 4,600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	200	SY	\$ 30	\$ 6,000
6	3-02	-	SAWCUTTING CURB	8	EA	\$ 45	\$ 360
7	3-02	-	SAWCUTTING PAVEMENT	304	LFI	\$ 2	\$ 608
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	190	SY	\$ 25	\$ 4,750
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	130	SY	\$ 40	\$ 5,200
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	190	SY	\$ 40	\$ 7,600
11	7-05	-	CATCH BASIN TYPE 1	4	EA	\$ 3,500	\$ 14,000
12	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	3	EA	\$ 1,500	\$ 4,500
13	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	110	LF	\$ 110	\$ 12,100
14	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	3	EA	\$ 1,000	\$ 3,000
15	8-01		ESC LEAD	1	LS	\$ 4,000	\$ 4,000
16	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	40	SY	\$ 20	\$ 800
17	8-02	-	HYDROSEEDING	40	SY	\$ 20	\$ 800
18	8-02	-	SOD INSTALLATION	40	SY	\$ 30	\$ 1,200
19	8-04	-	CEMENT CONC. CURB AND GUTTER	260	LF	\$ 45	\$ 11,700
20	8-14	-	CEMENT CONC. SIDEWALK	200	SY	\$ 120	\$ 24,000
21	8-14	-	RAMP DETECTABLE WARNING	64	SF	\$ 30	\$ 1,920
22	8-20	-	TRAFFIC SIGNAL SYSTEM MODIFICATION, BROWNE AND MAIN	1	LS	\$ 100,000	\$ 100,000
23	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	630	SF	\$ 10	\$ 6,300
24	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	660	SF	\$ 15	\$ 9,900
25	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
						SUBTOTAL	\$ 291,838
CONTINGENCY						30%	\$ 87,560
						CONSTRUCTION TOTAL (ROUNDED)	\$ 379,000
FINAL DESIGN FEE						15%	\$ 56,850
CONSTRUCTION MANAGEMENT						15%	\$ 56,850
						SUBTOTAL	\$ 113,700
						GRAND TOTAL (ROUNDED)	\$ 493,000

DRAFT



LEGEND:

- PROPERTY LINE
- PROPOSED HMA SHARED USE PATH
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED FENCE

CONSTRUCTION NOTES:

- INSTALL "STOP HERE ON RED" SIGN R10-6 PER COS STD PLAN SECTION G.
- ADJUST EXISTING SIGN ASSEMBLY.
- INSTALL PEDESTRIAN HYBRID BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
- REMOVE AND REPLACE EXISTING HYDRANT.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- INSTALL BICYCLE PUSHBUTTON PER COS STD PLAN SECTION J.
- REMOVE EXISTING FENCING.
- REMOVE EXISTING LUMINAIRE FROM UTILITY POLE.

GENERAL NOTES:

- SHARED USE PATH PORTION OF THIS PROJECT IS CONTINGENT ON OBTAINING ROW FROM WASHINGTON DEPARTMENT OF TRANSPORTATION (WSDOT).
- SEE 2022 SPOKANE TRAFFIC CALMING CONCEPT FOR LANE REALLOCATION ON E. NORTH FOOTHILLS DRIVE.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 1

REVISIONS - RECORD DWG STATUS				NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)			
				NAVD88 ELEV. : N/A	150 0 150 300 SCALE IN FEET	BENCH MARK LOCATION: N/A N/A N/A	
				CBM NO. : N/A			
				NAVD88 DATUM			
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		SCALE	HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE	1"= 30'
					VERTICAL SCALE (22 x 34)		N/A

CURRENT C.O.S. DESIGN
STANDARDS ADOPTED JAN. 2022

BY
DRAWN: DRV
APPROVED: ANM

DATES
07/2026
07/2026

CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN			
SHEET NAME:		TYPE OF IMPROVEMENT: TRAFFIC	
N. MAYFAIR ST.		PROJECT NO.	GEO. LOCATION
E. NORTH FOOTHILLS DR. TO E. JACKSON AVE.		N/A	N/A
PROJECT LIMITS: DISTRICT 1			

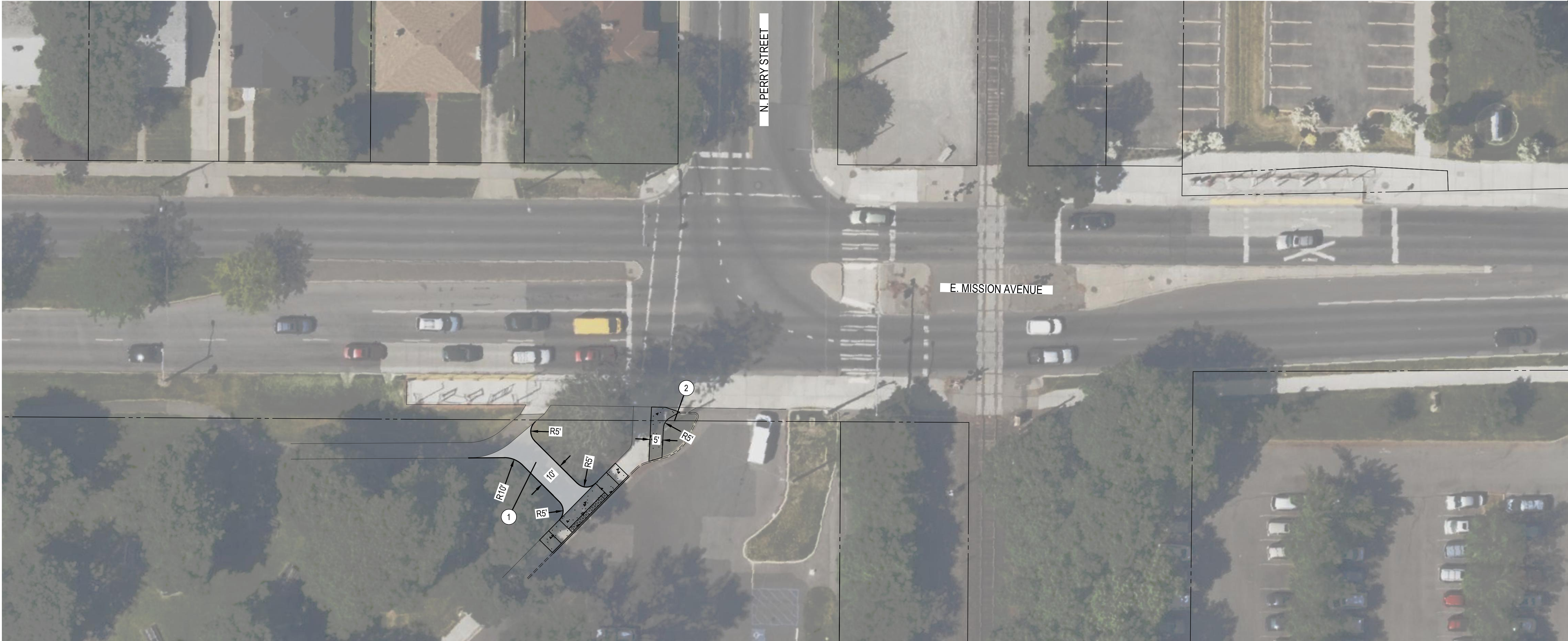
		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Mayfair Street, North Foothills Drive to Jackson Avenue</u>						CHECKED BY: <u>RAS</u>	
OPTION A: PEDESTRIAN HYBRID BEACON						DATE: <u>6/19/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 43,000	\$ 43,000
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 28,700	\$ 28,700
4	3-02	-	REMOVE EXISTING CURB	140	LF	\$ 20	\$ 2,800
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	8	EA	\$ 45	\$ 360
7	3-02	-	SAWCUTTING PAVEMENT	195	LFI	\$ 2	\$ 390
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	120	SY	\$ 25	\$ 3,000
9	4-05	-	CSTC FOR SHARED USE PATH, 2 INCH THICK	740	SY	\$ 20	\$ 14,800
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	70	SY	\$ 90	\$ 6,300
11	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	740	SY	\$ 45	\$ 33,300
12	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	110	SY	\$ 40	\$ 4,400
13	7-14	-	HYDRANT ASSEMBLY	1	EA	\$ 10,000	\$ 10,000
14	8-01		ESC LEAD	1	LS	\$ 6,800	\$ 6,800
15	8-01	-	INLET PROTECTION	3	EA	\$ 130	\$ 390
16	8-04	-	CEMENT CONC. CURB AND GUTTER	140	LF	\$ 45	\$ 6,300
17	8-12	-	MODIFY FENCING	1	LS	\$ 16,750	\$ 16,750
18	8-14	-	CEMENT CONC. SIDEWALK	120	SY	\$ 120	\$ 14,400
19	8-14	-	RAMP DETECTABLE WARNING	64	SF	\$ 30	\$ 1,920
20	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, NORTH FOOTHILLS & MAYFAIR	1	LS	\$ 150,000	\$ 150,000
21	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 8,300	\$ 8,300
22	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	20	SF	\$ 10	\$ 200
23	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	210	SF	\$ 15	\$ 3,150
						SUBTOTAL	\$ 368,260
CONTINGENCY						30%	\$ 110,480
						ROW	\$ 72,000
						CONSTRUCTION TOTAL (ROUNDED)	\$ 551,000
NOTES: BID ITEM NUMBERS 2, 9, 11, 15 ARE CONTINGENT ON OBTAINING ROW FROM WASHINGTON DEPARTMENT OF TRANSPORTATION. BID ITEM NUMBER 18 IS PREFERRED OPTION. MAY BE SUBSTITUTED DUE TO PROXIMITY OF EXISTING SIGNAL.							
FINAL DESIGN FEE				15%			\$ 82,650
CONSTRUCTION MANAGEMENT				15%			\$ 82,650
						SUBTOTAL	\$ 165,300
						GRAND TOTAL (ROUNDED)	\$ 716,000

DRAFT

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Mayfair Street, North Foothills Drive to Jackson Avenue</u>						CHECKED BY: <u>RAS</u>	
OPTION B: RECTANGULAR RAPID FLASHING BEACON						DATE: <u>6/19/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 27,600	\$ 27,600
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 18,400	\$ 18,400
4	3-02	-	REMOVE EXISTING CURB	140	LF	\$ 20	\$ 2,800
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	8	EA	\$ 45	\$ 360
7	3-02	-	SAWCUTTING PAVEMENT	195	LFI	\$ 2	\$ 390
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	120	SY	\$ 25	\$ 3,000
9	4-05	-	CSTC FOR SHARED USE PATH, 2 INCH THICK	740	SY	\$ 20	\$ 14,800
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	70	SY	\$ 90	\$ 6,300
11	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	740	SY	\$ 45	\$ 33,300
12	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	110	SY	\$ 40	\$ 4,400
13	7-14	-	HYDRANT ASSEMBLY	1	EA	\$ 10,000	\$ 10,000
14	8-01		ESC LEAD	1	LS	\$ 4,100	\$ 4,100
15	8-01	-	INLET PROTECTION	3	EA	\$ 130	\$ 390
16	8-04	-	CEMENT CONC. CURB AND GUTTER	140	LF	\$ 45	\$ 6,300
17	8-12	-	MODIFY FENCING	1	LS	\$ 16,750	\$ 16,750
18	8-14	-	CEMENT CONC. SIDEWALK	120	SY	\$ 120	\$ 14,400
19	8-14	-	RAMP DETECTABLE WARNING	64	SF	\$ 30	\$ 1,920
20	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, NORTH FOOTHILLS & MAYFAIR	1	LS	\$ 50,000	\$ 50,000
21	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 8,300	\$ 8,300
22	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	20	SF	\$ 10	\$ 200
23	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	210	SF	\$ 15	\$ 3,150
						SUBTOTAL	\$ 239,860
CONTINGENCY						30%	\$ 71,960
						ROW	\$ 72,000
						CONSTRUCTION TOTAL (ROUNDED)	\$ 384,000
			NOTES: BID ITEM NUMBERS 2, 9, 11, 15 ARE CONTINGENT ON OBTAINING ROW FROM WASHINGTON DEPARTMENT OF TRANSPORTATION. BID ITEM NUMBER 18 IS ALTERNATIVE OPTION DUE TO PROXIMITY TO EXISTING SIGNAL.				
			FINAL DESIGN FEE	12%			\$ 46,080
			CONSTRUCTION MANAGEMENT	15%			\$ 57,600
						SUBTOTAL	\$ 103,680
						GRAND TOTAL (ROUNDED)	\$ 488,000

DRAFT

C:\dowl_p\0441086\WC-CT-15246-C08.dwg PLOT DATE: Aug 12, 2026 - 11:43AM



LEGEND:

- PROPERTY LINE
- PROPOSED HMA SHARED USE PATH
- EXISTING EDGE OF SIDEWALK/PATH
- EXISTING CURB
- EXISTING EDGE OF PAVEMENT
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- CONSTRUCT SHARED USE PATH.
- PROTECT EXISTING LUMINAIRE.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)					
			NAVD88 ELEV.: N/A	 10 0 10 20 SCALE IN FEET	BENCH MARK LOCATION: N/A	CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022		CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
			CBM NO.: N/A		N/A			
			NAVD88 DATUM		N/A			
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT						
				SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 20'	DRAWN: AAE 08/2026		
					VERTICAL SCALE (22 x 34) N/A	APPROVED: ANM 08/2026		



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PRELIMINARY ONLY NOT FOR CONSTRUCTION	BID DRAWING NOT FOR CONSTRUCTION				
		1 1 of 1			
DATE:					
PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN					
SHEET NAME:		TYPE OF IMPROVEMENT: TRAFFIC			
E. MISSION AVE. AND N. PERRY ST.		PROJECT NO.	GEO. LOCATION		
PROJECT LIMITS: DISTRICT 1		N/A	N/A		



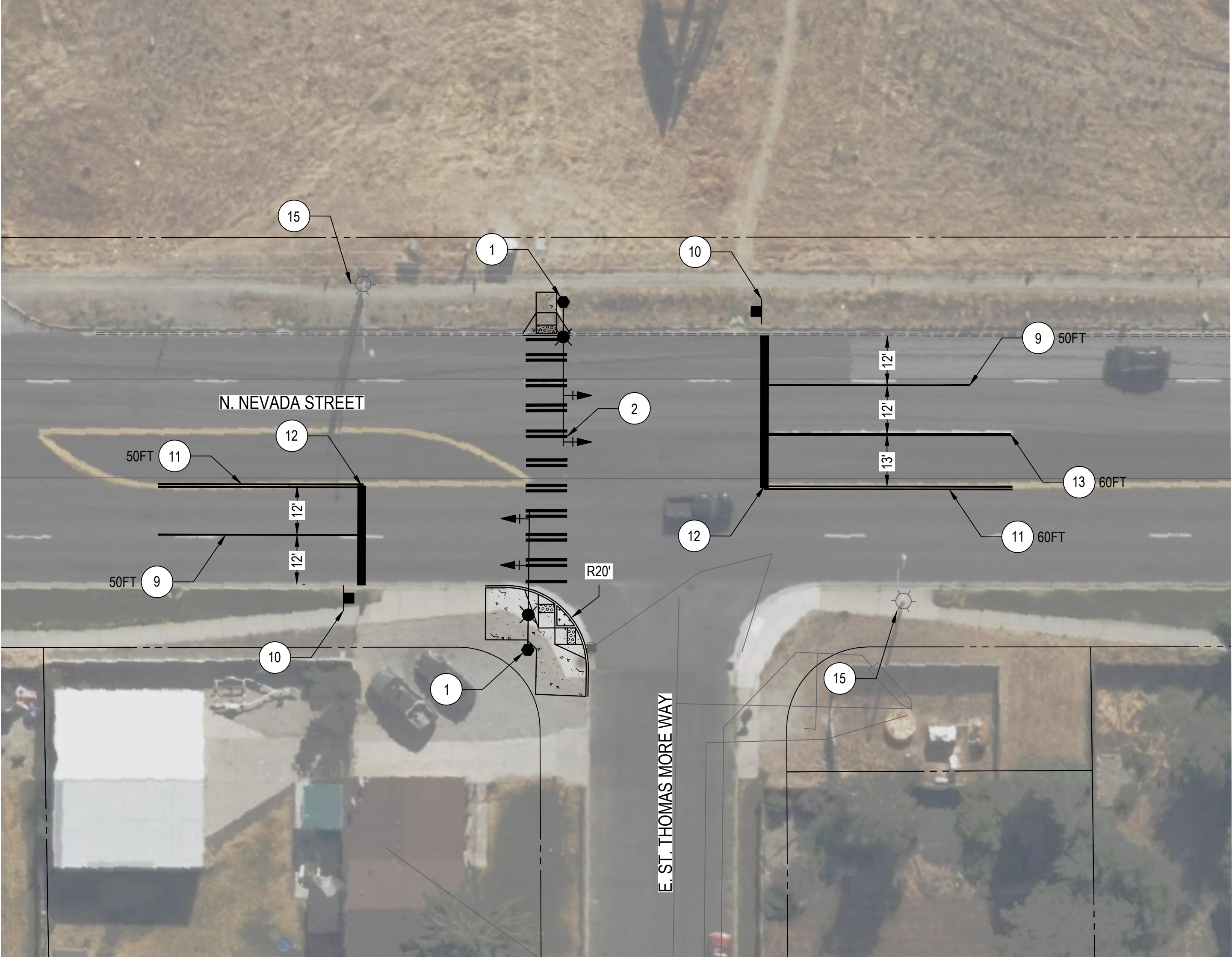
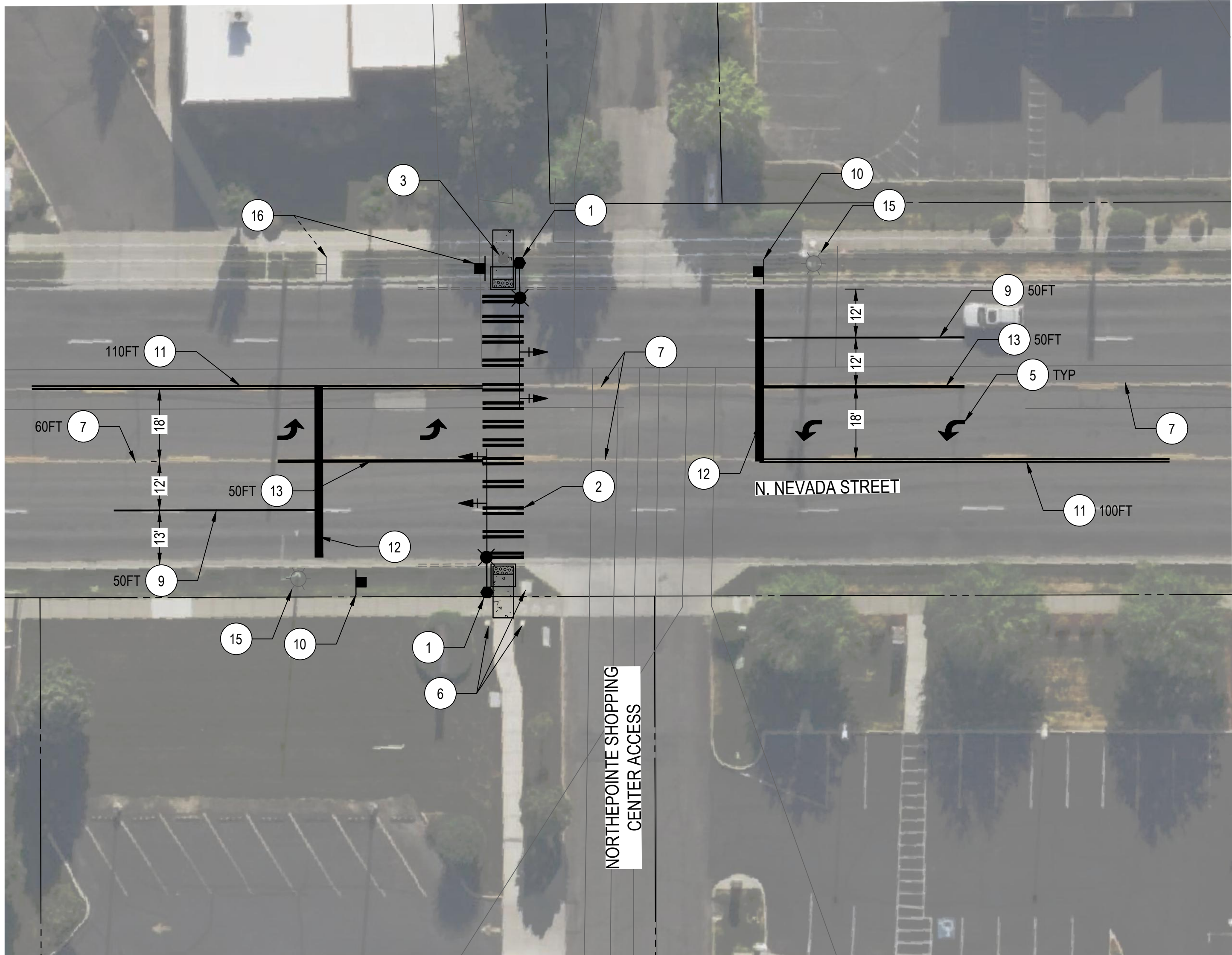
CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Spokane Traffic Calming Master Plan
DESCRIPTION: Mission Park, Superior Street to Perry Street

BY: AAE
CHECKED BY: RAS
DATE: 7/6/2026

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 3,000	\$ 3,000
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 2,000	\$ 2,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 2,000	\$ 2,000
4	3-02	-	SAWCUTTING CURB	2	EA	\$ 45	\$ 90
5	3-02	-	SAWCUTTING PAVEMENT	54	LFI	\$ 2	\$ 108
6	4-05	-	CSTC FOR SHARED USE PATH, 2 INCH THICK	45	SY	\$ 25	\$ 1,125
7	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	50	SY	\$ 25	\$ 1,250
8	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	20	SY	\$ 40	\$ 800
9	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	45	SY	\$ 45	\$ 2,025
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	75	SY	\$ 40	\$ 3,000
11	8-04	-	CEMENT CONC. CURB AND GUTTER	45	LF	\$ 45	\$ 2,025
12	8-14	-	CEMENT CONC. SIDEWALK	50	SY	\$ 120	\$ 6,000
13	8-14	-	RAMP DETECTABLE WARNING	40	SF	\$ 30	\$ 1,200
SUBTOTAL							\$ 15,398
CONTINGENCY 30%							\$ 4,620
CONSTRUCTION TOTAL (ROUNDED)							\$ 20,000
FINAL DESIGN FEE 12%							\$ 2,400
CONSTRUCTION MANAGEMENT 15%							\$ 3,000
SUBTOTAL							\$ 5,400
GRAND TOTAL (ROUNDED)							\$ 25,000

DRAFT



LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL PEDESTRIAN HYBRID BEACON SYSTEM AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
- INSTALL CROSSWALK PER STD PLAN SECTION G.
- REMOVE EXISTING DRYWELL AND INSTALL NEW DRYWELL IN SWALE.
- EXISTING LUMINAIRE TO REMAIN.
- INSTALL PAVEMENT MARKING SYMBOL PER COS STD PLAN SECTION G.
- PROTECT EXISTING UTILITY.
- REMOVE EXISTING STRIPING.
- INSTALL PEDESTRIAN PUSH BUTTON AND FOUNDATION PER COS STD PLAN SECTION J.
- INSTALL WHITE LINE PER COS STD PLAN SECTION G.
- INSTALL "STOP HERE ON RED" SIGN R10-6 PER COS STD PLAN SECTION G.
- INSTALL CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- INSTALL WHITE WIDE LINE PER COS STD PLAN SECTION G.
- INSTALL R1-1 AND STREET NAME SIGNS PER COS STD PLAN SECTION 6.
- REMOVE EXISTING LUMINAIRE.
- RELOCATE EXISTING BUS STOP SIGN.
- RELOCATE EXISTING HYDRANT.
- INSTALL BICYCLE RAMP, BOLLARD, AND CURB RAMPS FOR PATH CONNECTION.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 2

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)					CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022				CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
			NAVD88 ELEV.: N/A		BENCH MARK LOCATION: N/A			BY		DATES		
			CBM NO.: N/A		N/A			DRAWN: DRV		07/2026		
			NAVD88 DATUM	SCALE			HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 20'		APPROVED: ANM	07/2026		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		SCALE IN FEET			VERTICAL SCALE (22 x 34) N/A					



LEGEND:

---	PROPERTY LINE
+	PLANTER AREA
*	PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

1. INSTALL PEDESTRIAN HYBRID BEACON SYSTEM AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.

2. INSTALL CROSSWALK PER STD PLAN SECTION G.

3. REMOVE EXISTING DRYWELL AND INSTALL NEW DRYWELL IN SWALE.

4. EXISTING LUMINAIRE TO REMAIN.

5. INSTALL PAVEMENT MARKING SYMBOL PER COS STD PLAN SECTION G.

6. PROTECT EXISTING UTILITY.

7. REMOVE EXISTING STRIPING.

8. INSTALL PEDESTRIAN PUSH BUTTON AND FOUNDATION PER COS STD PLAN SECTION J.

9. INSTALL WHITE LINE PER COS STD PLAN SECTION G.

10. INSTALL "STOP HERE ON RED" SIGN R10-6 PER COS STD PLAN SECTION G.
11. INSTALL CENTER LINE PER COS STD PLAN SECTION G.

12. INSTALL STOP LINE PER COS STD PLAN SECTION G.

13. INSTALL WHITE WIDE LINE PER COS STD PLAN SECTION G.

14. INSTALL R1-1 AND STREET NAME SIGNS PER COS STD PLAN SECTION 6.

15. REMOVE EXISTING LUMINAIRE.

16. RELOCATE EXISTING BUS STOP SIGN.

17. RELOCATE EXISTING HYDRANT.

18. INSTALL BICYCLE RAMP, BOLLARD, AND CURB RAMPS FOR PATH CONNECTION.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

BID DRAWING
NOT FOR CONSTRUCTION

2
2 of 2

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: N. NEVADA ST.
E. HAWTHORNE AVE. TO E. LYONS AVE.

PROJECT LIMITS: DISTRICT 1

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. N/A
GEO. LOCATION N/A

C:\dowd_jw\0441086\WC-CT-15246-C08.dwg PLOT DATE: Jul 31, 2026 - 9:41AM

 CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Nevada Street, Hawthorne Avenue to Lyons Avenue</u>						CHECKED BY: <u>ANM</u>	
Location 1: Nevada Street at Northpointe Shopping Center Access						DATE: <u>7/16/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 29,500	\$ 29,500
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 19,700	\$ 19,700
4	3-02	-	REMOVE EXISTING CURB	20	LF	\$ 20	\$ 400
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	10	SY	\$ 30	\$ 300
6	3-02	-	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	1	EA	\$ 2,000	\$ 2,000
7	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180
8	3-02	-	SAWCUTTING PAVEMENT	50	LFI	\$ 2	\$ 100
9	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	20	SY	\$ 25	\$ 500
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	10	SY	\$ 40	\$ 400
11	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	10	SY	\$ 40	\$ 400
12	7-05	-	DRYWELL TYPE 1	1	EA	\$ 8,000	\$ 8,000
13	8-01		ESC LEAD	1	LS	\$ 4,300	\$ 4,300
14	8-04	-	CEMENT CONC. CURB AND GUTTER	20	LF	\$ 45	\$ 900
15	8-14	-	CEMENT CONC. SIDEWALK	20	SY	\$ 120	\$ 2,400
16	8-14	-	RAMP DETECTABLE WARNING	16	SF	\$ 30	\$ 480
17	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, NEVADA AND NORTHEPOINT SHOPPING CENTER ACCESS	1	LS	\$ 150,000	\$ 150,000
18	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 1,500	\$ 1,500
19	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	125	SF	\$ 10	\$ 1,250
20	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	760	SF	\$ 15	\$ 11,400
21	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4	EA	\$ 400	\$ 1,600
22	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
SUBTOTAL							\$ 245,310
CONTINGENCY 30%							\$ 73,600
CONSTRUCTION TOTAL (ROUNDED)							\$ 319,000
FINAL DESIGN FEE 15%							\$ 47,850
CONSTRUCTION MANAGEMENT 15%							\$ 47,850
SUBTOTAL							\$ 95,700
GRAND TOTAL (ROUNDED)							\$ 415,000

DRAFT

CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Nevada Street, Hawthorne Avenue to Lyons Avenue</u>						CHECKED BY: <u>ANM</u>	
Location 2: Nevada Street at St. Thomas More Way						DATE: <u>7/16/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 29,100	\$ 29,100
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 19,400	\$ 19,400
4	3-02	-	REMOVE EXISTING CURB	55	LF	\$ 20	\$ 1,100
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	50	SY	\$ 30	\$ 1,500
6	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180
7	3-02	-	SAWCUTTING PAVEMENT	85	LFI	\$ 2	\$ 170
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	60	SY	\$ 25	\$ 1,500
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	30	SY	\$ 40	\$ 1,200
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	50	SY	\$ 40	\$ 2,000
11	8-01		ESC LEAD	1	LS	\$ 4,300	\$ 4,300
12	8-01	-	INLET PROTECTION	2	EA	\$ 130	\$ 260
13	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	10	SY	\$ 20	\$ 200
14	8-02	-	HYDROSEEDING	10	SY	\$ 20	\$ 200
15	8-02	-	SOD INSTALLATION	10	SY	\$ 30	\$ 300
16	8-04	-	CEMENT CONC. CURB AND GUTTER	55	LF	\$ 45	\$ 2,475
17	8-14	-	CEMENT CONC. SIDEWALK	60	SY	\$ 120	\$ 7,200
18	8-14	-	RAMP DETECTABLE WARNING	13	SF	\$ 30	\$ 390
19	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, NEVADA AND ST THOMAS MORE	1	LS	\$ 150,000	\$ 150,000
20	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,000	\$ 3,000
21	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	50	SF	\$ 10	\$ 500
22	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	485	SF	\$ 15	\$ 7,275
23	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
						SUBTOTAL	\$ 242,250
CONTINGENCY						30%	\$ 72,680
						CONSTRUCTION TOTAL (ROUNDED)	\$ 315,000
FINAL DESIGN FEE						15%	\$ 47,250
CONSTRUCTION MANAGEMENT						15%	\$ 47,250
						SUBTOTAL	\$ 94,500
						GRAND TOTAL (ROUNDED)	\$ 410,000

DRAFT

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Nevada Street, Hawthorne Avenue to Lyons Avenue</u>						CHECKED BY: <u>ANM</u>	
Location 3: Nevada Street at Sharpsburg Avenue						DATE: <u>7/16/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 43,600	\$ 43,600
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 29,100	\$ 29,100
4	3-02	-	REMOVE EXISTING CURB	230	LF	\$ 20	\$ 4,600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	200	SY	\$ 30	\$ 6,000
6	3-02	-	SAWCUTTING CURB	12	EA	\$ 45	\$ 540
7	3-02	-	SAWCUTTING PAVEMENT	325	LFI	\$ 2	\$ 650
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	440	SY	\$ 25	\$ 11,000
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	110	SY	\$ 40	\$ 4,400
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	170	SY	\$ 40	\$ 6,800
11	7-14	-	HYDRANT ASSEMBLY	1	EA	\$ 10,000	\$ 10,000
12	8-01		ESC LEAD	1	LS	\$ 6,100	\$ 6,100
13	8-01	-	INLET PROTECTION	3	EA	\$ 130	\$ 390
14	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	10	SY	\$ 20	\$ 200
15	8-02	-	HYDROSEEDING	10	SY	\$ 20	\$ 200
16	8-02	-	SOD INSTALLATION	10	SY	\$ 30	\$ 300
17	8-04	-	CEMENT CONC. CURB AND GUTTER	220	LF	\$ 45	\$ 9,900
18	8-14	-	CEMENT CONC. SIDEWALK	440	SY	\$ 120	\$ 52,800
19	8-14	-	RAMP DETECTABLE WARNING	134	SF	\$ 30	\$ 4,020
20	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, NEVADA AND SHARPSBURG	1	LS	\$ 150,000	\$ 150,000
21	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 4,500	\$ 4,500
22	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	85	SF	\$ 10	\$ 850
23	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	385	SF	\$ 15	\$ 5,775
24	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4	EA	\$ 400	\$ 1,600
25	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
						SUBTOTAL	\$ 363,325
CONTINGENCY						30%	\$ 109,000
						CONSTRUCTION TOTAL (ROUNDED)	\$ 472,000
						FINAL DESIGN FEE	15%
						CONSTRUCTION MANAGEMENT	15%
						SUBTOTAL	\$ 141,600
						GRAND TOTAL (ROUNDED)	\$ 614,000

DRAFT

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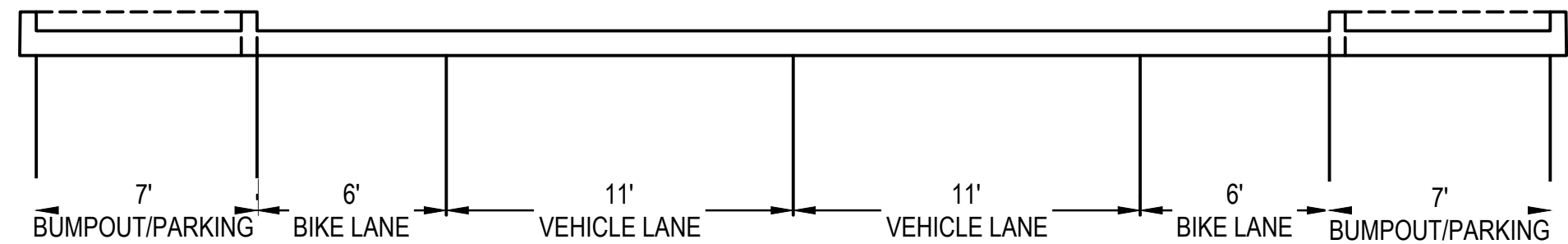


LEGEND:

- PROPERTY LINE
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
- PROPOSED DRIVEWAY IMPROVEMENTS PER COS STD PLAN SECTION F
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- FLOW ARROW

CONSTRUCTION NOTES:

- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE WHERE SHOWN.
- REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.
- INSTALL NEW MANHOLE - 48" AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION Z. CONNECT TO EXISTING PIPE.
- REMOVE EXISTING MANHOLE.
- REMOVE AND REINSTALL EXISTING FENCING.
- ADJUST EXISTING SIGN ASSEMBLY.
- CONSTRUCT CEMENT CONCRETE DRIVEWAY & TRANSITION PER COS STD PLAN SECTION F.
- PROTECT EXISTING HYDRANT.
- RELOCATE EXISTING UTILITY POLE.



FUTURE STRIPING SECTION

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

BID DRAWING
NOT FOR CONSTRUCTION

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	150 0 150 300 SCALE IN FEET	
			CBM NO. : N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE 1"= 30' N/A

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022	
BY	DATES
DRAWN: AAE	08/2026
APPROVED: ANM	08/2026

CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON

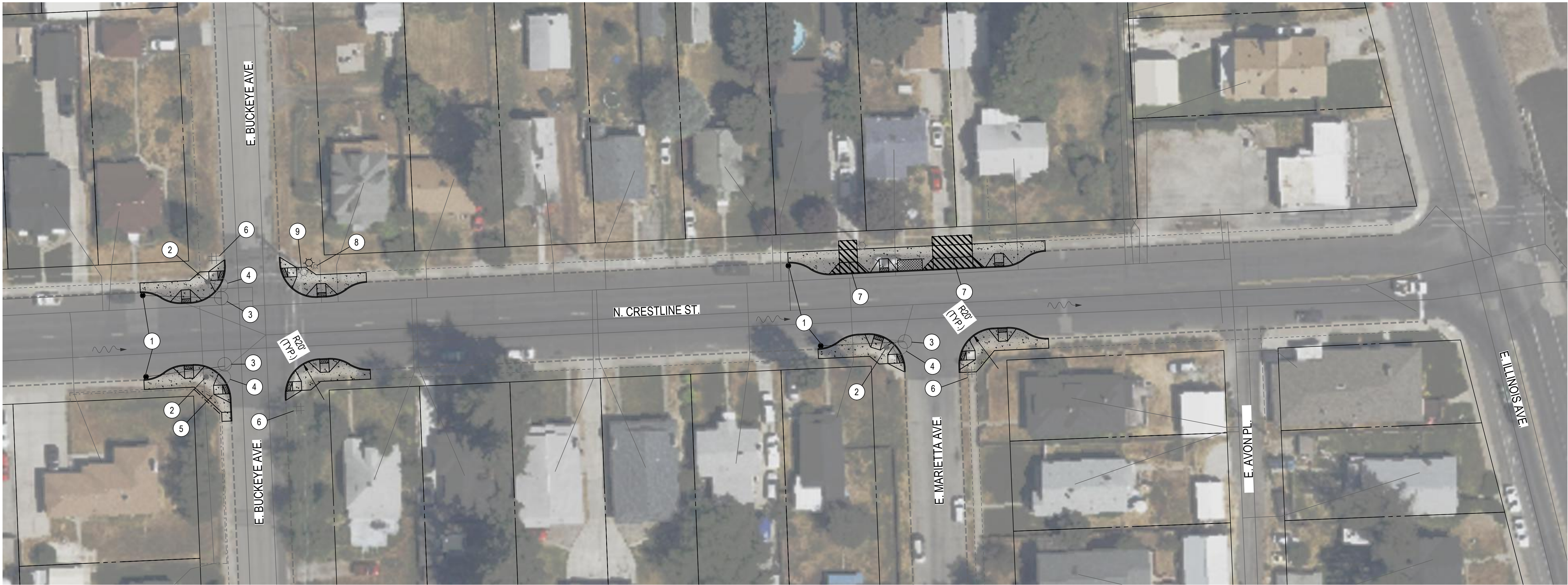
DEPARTMENT OF ENGINEERING SERVICES

808 WEST SPOKANE FALLS BLVD.

SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN	
SHEET NAME: N. CRESTLINE ST. E EUCLID AVE. TO E. ILLINOIS AVE.	
PROJECT LIMITS: DISTRICT 1	
TYPE OF IMPROVEMENT: TRAFFIC	
PROJECT NO. N/A	GEO. LOCATION N/A

C:\dowl_p\w\0441086\NC-CT-15246-C10.dwg PLOT DATE: Aug 04, 2026 - 5:37PM

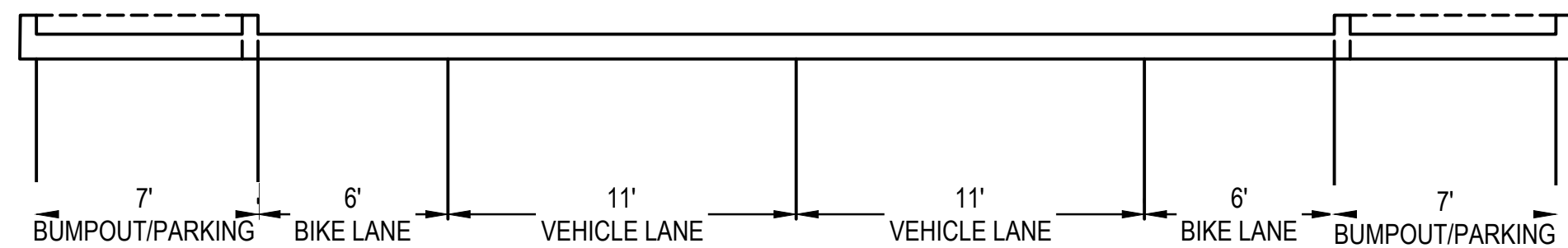


LEGEND:

	PROPERTY LINE
	PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
	PROPOSED DRIVEWAY IMPROVEMENTS PER COS STD PLAN SECTION F
	PLANTER AREA
	PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
	PROPOSED STORM DRAIN PIPE
	PROPOSED CATCH BASIN
	PROPOSED MANHOLE
	FLOW ARROW

CONSTRUCTION NOTES:

1. INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE WHERE SHOWN.
2. REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.
3. INSTALL NEW MANHOLE - 48" AND 8" DIA. PIPE AS NECESSARY PER COST STD PLAN SECTION Z. CONNECT TO EXISTING PIPE.
4. REMOVE EXISTING MANHOLE.
5. REMOVE AND REINSTALL EXISTING FENCING.
6. ADJUST EXISTING SIGN ASSEMBLY.
7. CONSTRUCT CEMENT CONCRETE DRIVEWAY & TRANSITION PER COS STD PLAN SECTION F.
8. PROTECT EXISTING HYDRANT.
9. RELOCATE EXISTING UTILITY POLE.



FUTURE STRIPING SECTION

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

BID DRAWING
NOT FOR CONSTRUCTION

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)			CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			
			NAVD88 ELEV. : N/A	 SCALE IN FEET		BENCH MARK LOCATION: N/A		BY	
			CBM NO. : N/A			N/A		DATES	
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	NAVD88 DATUM			SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE 1"= 30' N/A	
								DRAWN: AAE APPROVED: ANM	08/2026 08/2026

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
SHEET NAME: N. CRESTLINE ST. E. EUCLID AVE. TO E. ILLINOIS AVE.		PROJECT NO.	GEO. LOCATION
PROJECT LIMITS: DISTRICT 1		N/A	N/A

CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>AAE</u>	
DESCRIPTION: <u>Crestline Street, Euclid Avenue to Illinois Avenue</u>						CHECKED BY: <u>ANM</u>	
						DATE: <u>7/22/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 43,800	\$ 43,800
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 29,200	\$ 29,200
4	3-02	-	REMOVE EXISTING CURB	610	LF	\$ 20	\$ 12,200
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	510	SY	\$ 30	\$ 15,300
6	3-02	-	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	7	EA	\$ 2,000	\$ 14,000
7	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	600	SY	\$ 25	\$ 15,000
8	4-05	-	CSTC FOR DRIVEWAYS, 4 INCH THICK	80	SY	\$ 55	\$ 4,400
9	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	300	SY	\$ 40	\$ 12,000
10	7-05	-	MANHOLE - 48 IN.	3	EA	\$ 8,000	\$ 24,000
11	7-05	-	CATCH BASIN TYPE 1	5	EA	\$ 3,500	\$ 17,500
12	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	4	EA	\$ 1,500	\$ 6,000
14	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	210	LF	\$ 110	\$ 23,100
15	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	7	EA	\$ 1,000	\$ 7,000
16	7-08	-	CONNECT 8 IN. DIA. SEWER PIPE TO EXISTING SEWER PIPE	4	EA	\$ 2,000	\$ 8,000
17	8-01		ESC LEAD	1	LS	\$ 2,900	\$ 2,900
18	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	10	SY	\$ 20	\$ 200
19	8-02	-	HYDROSEEDING	10	SY	\$ 20	\$ 200
20	8-02	-	SOD INSTALLATION	10	SY	\$ 30	\$ 300
21	8-04	-	CEMENT CONC. CURB AND GUTTER	660	LF	\$ 45	\$ 29,700
22	8-06	-	CEMENT CONCRETE DRIVEWAY	80	SY	\$ 110	\$ 8,800
23	8-12	-	MODIFY FENCING	1	LS	\$ 1,050	\$ 1,050
24	8-14	-	CEMENT CONC. SIDEWALK	600	SY	\$ 120	\$ 72,000
25	8-14	-	RAMP DETECTABLE WARNING	174	SF	\$ 30	\$ 5,220
26	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 7,500	\$ 7,500
27	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
						SUBTOTAL	\$ 369,370
CONTINGENCY						30%	\$ 110,820
						CONSTRUCTION TOTAL (ROUNDED)	\$ 480,000
FINAL DESIGN FEE						12%	\$ 57,600
CONSTRUCTION MANAGEMENT						15%	\$ 72,000
						SUBTOTAL	\$ 129,600
						GRAND TOTAL (ROUNDED)	\$ 610,000

DRAFT



LEGEND:

- PROPERTY LINE
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL PEDESTRIAN SIGN W11-2 AND DOWNWARD DIAGONAL ARROW SIGN W16-7P PER COS STD PLAN SECTION G.
- INSTALL PEDESTRIAN SIGN W11-2 AND AHEAD SIGN W16-9P PER COS STD PLAN SECTION G.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- RELOCATE EXISTING AVISTA OWNED AND MAINTAINED LUMINAIRE.
- INSTALL LUMINAIRE PER COS STD PLAN SECTION J.
- EXISTING OVERHEAD LINE FOR EXISTING LUMINAIRE.
- PROPOSED OVERHEAD UTILITY LINE FOR PROPOSED LUMINAIRES.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: E. UPRIVER DR. AND N. REGAL ST.

PROJECT LIMITS: DISTRICT 1

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 1

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. GEO. LOCATION

N/A N/A

REVISIONS - RECORD DWG STATUS			NAV88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)							
			NAV88 ELEV.: N/A		BENCH MARK LOCATION: N/A		CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
			CBM NO.: N/A		N/A		BY DATES			
			NAV88 DATUM		SCALE		HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE 1"= 20'		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT			VERTICAL SCALE (22 x 34)	N/A		APPROVED: ANM 07/2026		

CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON

DEPARTMENT OF ENGINEERING SERVICES

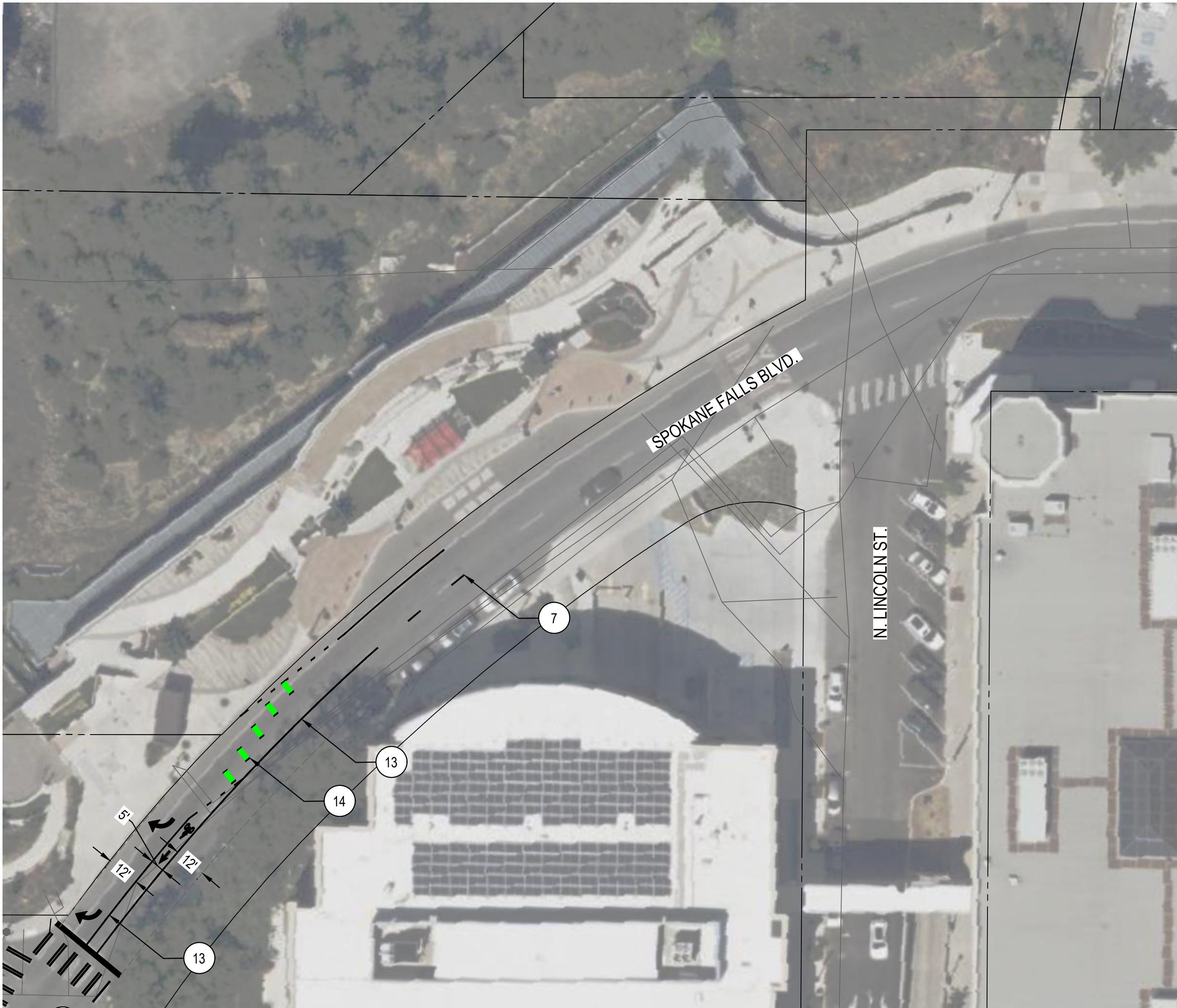
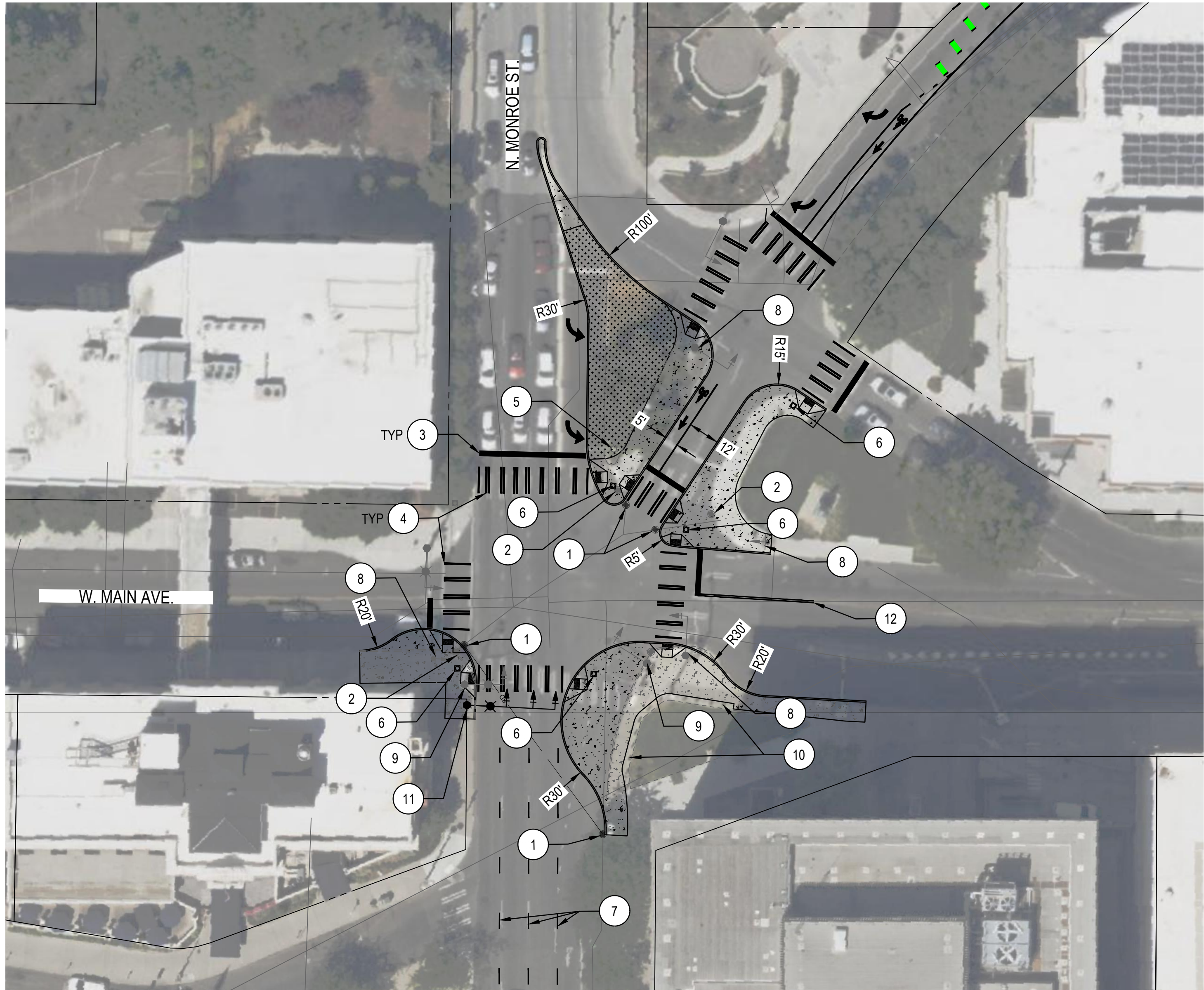
808 WEST SPOKANE FALLS BLVD.

SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

C:\dowl_jw\0441086\WC-CT-15246-C11.dwg PLOT DATE: Jul 27, 2026 - 1:07PM

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>				BY: <u>RAD</u>			
DESCRIPTION: <u>Regal Street at Upriver Drive</u>				CHECKED BY: <u>RAS</u>			
				DATE: <u>6/19/2026</u>			
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 3,600	\$ 3,600
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 2,400	\$ 2,400
4	3-02	-	SAWCUTTING PAVEMENT	100	LFI	\$ 2	\$ 200
5	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	30	SY	\$ 25	\$ 750
6	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	30	SY	\$ 40	\$ 1,200
7	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	50	SY	\$ 40	\$ 2,000
8	8-04	-	CEMENT CONC. CURB AND GUTTER	66	LF	\$ 45	\$ 2,991
9	8-14	-	CEMENT CONC. SIDEWALK	30	SY	\$ 120	\$ 3,600
10	8-14	-	RAMP DETECTABLE WARNING	24	SF	\$ 30	\$ 720
11	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,600	\$ 3,600
12	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	95	SF	\$ 15	\$ 1,425
13	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 2,000	\$ 2,000
						SUBTOTAL	\$ 27,486
CONTINGENCY						30%	\$ 8,250
CONSTRUCTION TOTAL (ROUNDED)							\$ 36,000
FINAL DESIGN FEE						12%	\$ 4,320
CONSTRUCTION MANAGEMENT						15%	\$ 5,400
SUBTOTAL							\$ 9,720
GRAND TOTAL (ROUNDED)							\$ 46,000

DRAFT



CONSTRUCTION NOTES:

LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN

- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE WHERE SHOWN.
- REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- RELOCATE EXISTING SIGNAL POLE/LUMINAIRE ASSEMBLY.
- INSTALL PEDESTRIAN PUSH BUTTON AND FOUNDATION PER COS STD PLAN SECTION J.
- INSTALL WHITE SKIP LINE PER COS STD PLAN SECTION G.
- SIGNAL MODIFICATIONS NEEDED. SEE COS STD PLAN SECTION J.
- REMOVE EXISTING SIGNAL POLE AND FOUNDATION.
- PROTECT EXISTING BOLLARDS IN PLACE.
- INSTALL NEW SIGNAL POLE AND FOUNDATION PER COS STD PLAN SECTION J.
- INSTALL CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE SKIP MARKING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

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1
1 of 1

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)							
			NAVD88 ELEV.: N/A		BENCH MARK LOCATION: N/A		CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
			CBM NO.: N/A		N/A		BY DATES			
			NAVD88 DATUM		SCALE		DRAWN: KMS 07/2026			
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 30'		APPROVED: ANM 07/2026				

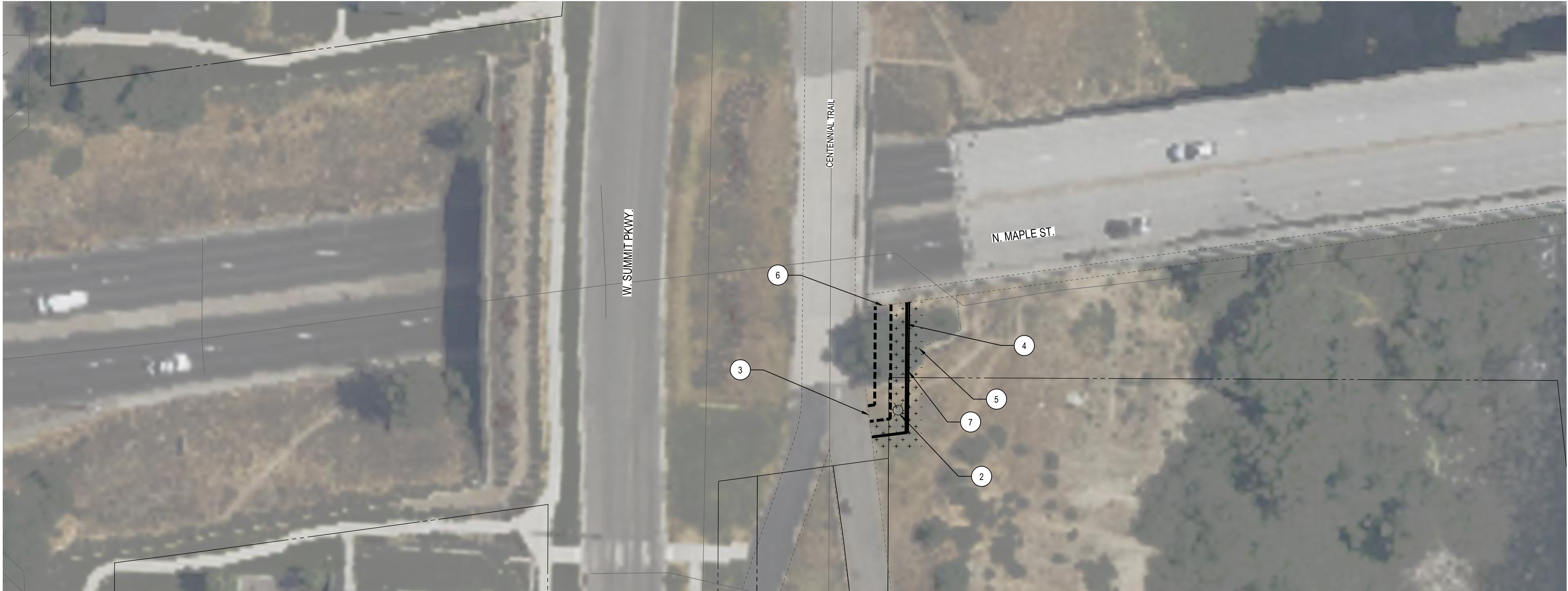


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
SHEET NAME: W. RIVERSIDE AVE. AND N. MONROE ST.		PROJECT NO.	GEO. LOCATION
PROJECT LIMITS: DISTRICT 1		N/A	N/A

CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: Spokane Traffic Calming Master Plan						BY: KMS	
DESCRIPTION: Spokane Falls Boulevard & Main Avenue at Monroe Street						CHECKED BY: ANM	
						DATE: 7/20/2026	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 110,300	\$ 110,300
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 73,500	\$ 73,500
4	3-02	-	REMOVE EXISTING CURB	220	LF	\$ 20	\$ 4,400
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	200	SY	\$ 30	\$ 6,000
6	3-02	-	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	4	EA	\$ 2,000	\$ 8,000
7	3-02	-	SAWCUTTING CURB	6	EA	\$ 45	\$ 270
8	3-02	-	SAWCUTTING PAVEMENT	1,001	LFI	\$ 2	\$ 2,003
9	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	620	SY	\$ 25	\$ 15,500
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	360	SY	\$ 40	\$ 14,400
11	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	920	SY	\$ 40	\$ 36,800
12	7-05	-	CATCH BASIN TYPE 1	4	EA	\$ 3,500	\$ 14,000
14	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	70	LF	\$ 110	\$ 7,700
15	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	3	EA	\$ 1,000	\$ 3,000
16	8-01		ESC LEAD	1	LS	\$ 12,000	\$ 12,000
17	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	220	SY	\$ 20	\$ 4,400
18	8-02	-	SOD INSTALLATION	220	SY	\$ 30	\$ 6,600
19	8-04	-	CEMENT CONC. CURB AND GUTTER	730	LF	\$ 45	\$ 32,850
20	8-14	-	CEMENT CONC. SIDEWALK	620	SY	\$ 120	\$ 74,400
21	8-14	-	RAMP DETECTABLE WARNING	80	SF	\$ 30	\$ 2,400
22	8-20	-	TRAFFIC SIGNAL SYSTEM MODIFICATIONS, MAIN AND MONROE	1	LS	\$ 450,000	\$ 450,000
23	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 5,000	\$ 5,000
24	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	945	SF	\$ 10	\$ 9,450
25	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	1,160	SF	\$ 15	\$ 17,400
26	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	6	EA	\$ 400	\$ 2,400
27	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 1,000	\$ 1,000
						SUBTOTAL	\$ 918,773
CONTINGENCY						35%	\$ 321,580
						CONSTRUCTION TOTAL (ROUNDED)	\$ 1,240,000
FINAL DESIGN FEE						15%	\$ 186,000
CONSTRUCTION MANAGEMENT						15%	\$ 186,000
						SUBTOTAL	\$ 372,000
						GRAND TOTAL (ROUNDED)	\$ 1,612,000

DRAFT



LEGEND:

- PROPERTY LINE
- EXISTING STAIRS
- PROPOSED STAIRS
- CLEAR PATH EXTENTS
- LANDSCAPING

CONSTRUCTION NOTES:

- INSTALL NEW CONCRETE STAIRS FROM CENTENNIAL TRAIL TO MAPLE STREET BRIDGE SIDEWALK. STAIR RUN IS A MINIMUM OF 34 FT AND ASSUMES A 15 FT VERTICAL RISE. PROVIDE LEVEL LANDING IN THE MIDDLE OF THE STAIRCASE. STAIRCASE TO BE BUILT ON GRADE WITH HANDRAIL AND BIKE CHANNEL.
- INSTALL NEW LUMINAIRE PER COS STD PLAN SECTION J.
- MATCH EXISTING SIDEWALK.
- CLEAR VEGETATION TO ESTABLISH A PROVIDE 6 FT MINIMUM CLEAR PATH.
- MODIFY EXISTING FENCING.
- MODIFY EXISTING RETAINING WALL.
- INSTALL NEW CONCRETE RETAINING WALL ALONG STAIRS. ASSUMES 50 FT LONG WALL.

GENERAL NOTE:

DESIGN OPTION TO INSTALL SPEED FEEDBACK SIGN FOR VEHICLES TRAVELING SOUTHBOUND ON MAPLE STREET.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

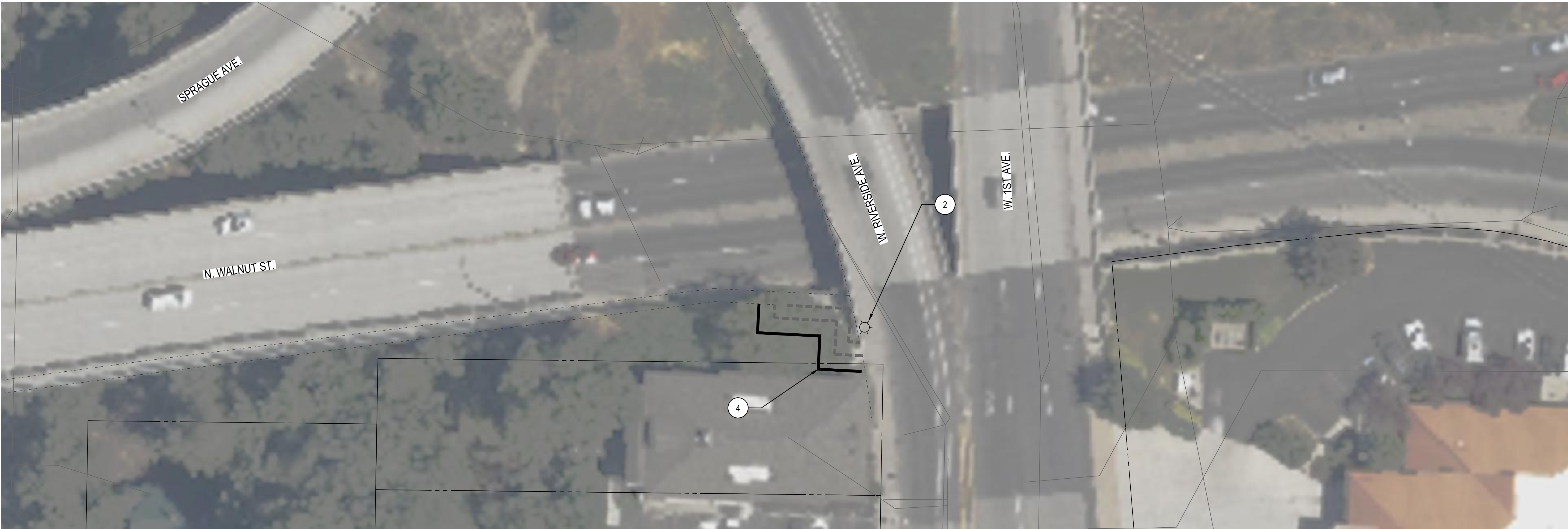
PRELIMINARY ONLY
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DATE:

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NOT FOR CONSTRUCTION

REVISIONS - RECORD DWG STATUS			NAV88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)					CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			 CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700	
			NAV88 ELEV. : N/A	 SCALE IN FEET	BENCH MARK LOCATION: N/A			BY		DATES		
			CBM NO. : N/A		N/A			DRAWN: DRV		07/2026		
			NAV88 DATUM		SCALE			HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 50'		APPROVED: ANM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT				VERTICAL SCALE (22 x 34)	N/A					

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
SHEET NAME: N. MAPLE ST. W. BROADWAY AVE. TO W. RIVERSIDE AVE.		PROJECT NO. N/A	GEO. LOCATION N/A
PROJECT LIMITS: DISTRICTS 1 & 3			



LEGEND:

- PROPERTY LINE
- EXISTING STAIRS
- PROPOSED STAIRS
- CLEAR PATH EXTENTS
- LANDSCAPING

CONSTRUCTION NOTES:

1. INSTALL NEW CONCRETE STAIRS FROM CENTENNIAL TRAIL TO MAPLE STREET BRIDGE SIDEWALK. STAIR RUN IS A MINIMUM OF 34 FT AND ASSUMES A 15 FT VERTICAL RISE. PROVIDE LEVEL LANDING IN THE MIDDLE OF THE STAIRCASE. STAIRCASE TO BE BUILT ON GRADE WITH HANDRAIL AND BIKE CHANNEL.
2. INSTALL NEW LUMINAIRE PER COS STD PLAN SECTION J.
3. MATCH EXISTING SIDEWALK.
4. CLEAR VEGETATION TO ESTABLISH A PROVIDE 6 FT MINIMUM CLEAR PATH.
5. MODIFY EXISTING FENCING.
6. MODIFY EXISTING RETAINING WALL.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

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REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)				CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700	
			NAVD88 ELEV. : N/A		BENCH MARK LOCATION: N/A N/A N/A		BY				DATES
			CBM NO. : N/A				DRAWN: DRV				07/2026
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	NAVD88 DATUM				SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)			PLAN & PROFILE 1"= 50'

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
SHEET NAME: N. MAPLE ST. W. BROADWAY AVE. TO W. RIVERSIDE AVE.		PROJECT NO. N/A	GEO. LOCATION N/A
PROJECT LIMITS: DISTRICTS 1 & 3			



CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Spokane Traffic Calming Master Plan

DESCRIPTION: Maple Street Bridge from Riverside Avenue to Broadway Avenue

BY: DRV

CHECKED BY: RAS

DATE: 6/19/2026

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST	
1	2-01	-	MOBILIZATION	1	LS	\$ 47,300	\$ 47,300	
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 20,000	\$ 20,000	
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 31,500	\$ 31,500	
4	8-02	-	LANDSCAPING	1	LS	\$ 25,000	\$ 25,000	
5	8-12	-	MODIFY FENCING	1	LS	\$ 5,000	\$ 5,000	
6	8-20	-	SPEED FEEDBACK SIGN SYSTEM	1	LS	\$ 25,000	\$ 25,000	
7	-	-	CONCRETE STAIRS	1	LS	\$ 150,000	\$ 150,000	
8	-	-	RETAINING WALL	1	LS	\$ 40,000	\$ 40,000	
9	-	-	LIGHT POLE INSTALLATION	1	LS	\$ 50,000	\$ 50,000	
						SUBTOTAL	\$ 393,800	
CONTINGENCY						35%	\$ 137,830	
						CONSTRUCTION TOTAL (ROUNDED)	\$ 532,000	
						FINAL DESIGN FEE	15%	\$ 79,800
						CONSTRUCTION MANAGEMENT	15%	\$ 79,800
						SUBTOTAL	\$ 159,600	
						GRAND TOTAL (ROUNDED)	\$ 692,000	

DRAFT

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SEE MATCHLINE BELOW



SEE MATCHLINE NEXT SHEET

LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN
- FLOW ARROW

CONSTRUCTION NOTES:

- REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.
- EXISTING LUMINAIRE TO REMAIN.
- REMOVE AND REPLACE SIGN ASSEMBLY PER COS STD PLAN SECTION G.
- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
- INSTALL TRAFFIC ISLAND CONCRETE, DELINEATORS, AND CHEVRONS PER COS STD PLANS G.
- INSTALL DELINEATORS AND WHITE LINE PER COS STD PLAN SECTION G. PROVIDE ENOUGH CURB-TO-CURB CLEARANCE FOR STREET SWEEPER ACCESS.

GENERAL NOTE:

CITY OF SPOKANE DESIGN STANDARDS SPECIFY 11-FOOT LANE WIDTHS FOR MINOR ARTERIALS. 10-FOOT WIDE LANES MAY BE USED IN DESIGN TO SUPPORT ADDITIONAL TRAFFIC CALMING EFFORTS.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY NOT FOR CONSTRUCTION		BID DRAWING NOT FOR CONSTRUCTION	
DATE:			
PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN			
SHEET NAME: E. 9TH AVE. S. PERRY ST. TO S. CRESTLINE ST.		TYPE OF IMPROVEMENT: TRAFFIC	
PROJECT LIMITS: DISTRICT 2		PROJECT NO. GEO. LOCATION	
		N/A N/A	

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV.: N/A	<	



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

C:\cowl_p\0441087\NC-CT-15246-C14.dwg PLOT DATE: Aug 27, 2026 - 5:46PM

SEE MATCHLINE PREVIOUS SHEET



LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN
- FLOW ARROW

CONSTRUCTION NOTES:

- REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.
- EXISTING LUMINAIRE TO REMAIN.
- REMOVE AND REPLACE SIGN ASSEMBLY PER COS STD PLAN SECTION G.
- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
- INSTALL TRAFFIC ISLAND CONCRETE, DELINEATORS, AND CHEVRONS PER COS STD PLANS G.
- INSTALL DELINEATORS AND WHITE LINE PER COS STD PLAN SECTION G. PROVIDE ENOUGH CURB-TO-CURB CLEARANCE FOR STREET SWEEPER ACCESS.

GENERAL NOTE:

CITY OF SPOKANE DESIGN STANDARDS SPECIFY 11-FOOT LANE WIDTHS FOR MINOR ARTERIALS. 10-FOOT WIDE LANES MAY BE USED IN DESIGN TO SUPPORT ADDITIONAL TRAFFIC CALMING EFFORTS.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

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DATE:

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2
2 of 2

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: E. 9TH AVE.
S. PERRY ST. TO S. CRESTLINE ST.

PROJECT LIMITS: DISTRICT 2

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. N/A
GEO. LOCATION N/A

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	20 0 20 40 SCALE IN FEET	
			CBM NO. : N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE 1"= 40' N/A

CURRENT C.O.S. DESIGN
STANDARDS ADOPTED JAN. 2022

BY
AJR

DATES
07/2026

CITY OF SPOKANE

DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

CALL 811 BEFORE YOU DIG or 1-800-424-5555

CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: Spokane Traffic Calming Master Plan						BY: AJR	
DESCRIPTION: 9th Avenue, Crestline Street to Perry Street						CHECKED BY: RAS	
						DATE: 7/23/2026	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 21,400	\$ 21,400
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 14,300	\$ 14,300
4	3-02	-	REMOVE EXISTING CURB	270	LF	\$ 20	\$ 5,400
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	200	SY	\$ 30	\$ 6,000
6	3-02	-	SAWCUTTING CURB	12	EA	\$ 45	\$ 540
7	3-02	-	SAWCUTTING PAVEMENT	703	LFI	\$ 2	\$ 1,406
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	280	SY	\$ 25	\$ 7,000
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	200	SY	\$ 40	\$ 8,000
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	310	SY	\$ 40	\$ 12,400
11	7-05	-	CATCH BASIN TYPE 1	3	EA	\$ 3,500	\$ 10,500
12	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	3	EA	\$ 1,500	\$ 4,500
13	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	110	LF	\$ 110	\$ 12,100
14	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	3	EA	\$ 1,000	\$ 3,000
15	8-01		ESC LEAD	1	LS	\$ 2,000	\$ 2,000
16	8-01	-	INLET PROTECTION	8	EA	\$ 130	\$ 1,040
17	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	60	SY	\$ 20	\$ 1,200
18	8-02	-	HYDROSEEDING	60	SY	\$ 20	\$ 1,200
19	8-02		SOD INSTALLATION	60	SY	\$ 30	\$ 1,800
20	8-04	-	CEMENT CONC. CURB AND GUTTER	390	LF	\$ 45	\$ 17,550
21	8-10	-	CHANNELIZING DEVICES	12	EA	\$ 450	\$ 5,400
22	8-14	-	CEMENT CONC. SIDEWALK	280	SY	\$ 120	\$ 33,600
23	8-14	-	RAMP DETECTABLE WARNING	96	SF	\$ 30	\$ 2,880
24	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 4,100	\$ 4,100
25	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	10	SF	\$ 15	\$ 150
26	-	-	TRAFFIC ISLAND CONCRETE	20	SY	\$ 120	\$ 2,400
						SUBTOTAL	\$ 178,216
CONTINGENCY						30%	\$ 53,470
						CONSTRUCTION TOTAL (ROUNDED)	\$ 232,000
DESIGN						12%	\$ 27,840
CONSTRUCTION MANAGEMENT						15%	\$ 34,800
						SUBTOTAL	\$ 62,640
						GRAND TOTAL (ROUNDED)	\$ 295,000

DRAFT

 CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Monroe Street, 5th Avenue to 14th Avenue</u>						CHECKED BY: <u>ANM</u>	
Value Engineering Option: Quick-Build with delineators rather than curb bumpouts						DATE: <u>7/8/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 18,500	\$ 18,500
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 12,400	\$ 12,400
3	3-02	-	REMOVE EXISTING CURB	70	LF	\$ 20	\$ 1,400
4	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
5	3-02	-	SAWCUTTING CURB	2	EA	\$ 45	\$ 90
6	3-02	-	SAWCUTTING PAVEMENT	97	LFI	\$ 2	\$ 194
7	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	40	SY	\$ 25	\$ 1,000
8	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	40	SY	\$ 40	\$ 1,600
9	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	60	SY	\$ 40	\$ 2,400
10	8-01		ESC LEAD	1	LS	\$ 2,200	\$ 2,200
11	8-01	-	INLET PROTECTION	11	EA	\$ 130	\$ 1,430
12	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	30	SY	\$ 20	\$ 600
13	8-02	-	HYDROSEEDING	30	SY	\$ 20	\$ 600
14	8-02	-	SOD INSTALLATION	30	SY	\$ 30	\$ 900
15	8-04	-	CEMENT CONC. CURB AND GUTTER	80	LF	\$ 45	\$ 3,600
16	8-10	-	CHANNELIZING DEVICES	29	EA	\$ 450	\$ 13,050
17	8-14	-	CEMENT CONC. SIDEWALK	40	SY	\$ 120	\$ 4,800
18	8-14	-	RAMP DETECTABLE WARNING	16	SF	\$ 30	\$ 480
19	8-20	-	SPEED FEEDBACK SYSTEM	1	LS	\$ 50,000	\$ 50,000
20	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 4,000	\$ 4,000
21	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	1,052	SF	\$ 10	\$ 10,520
22	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	1,315	SF	\$ 15	\$ 19,725
23	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	4	EA	\$ 400	\$ 1,600
SUBTOTAL							\$ 154,089
CONTINGENCY 30%							\$ 46,230
CONSTRUCTION TOTAL (ROUNDED)							\$ 200,000
FINAL DESIGN FEE 12%							\$ 24,000
CONSTRUCTION MANAGEMENT 15%							\$ 30,000
SUBTOTAL							\$ 54,000
GRAND TOTAL (ROUNDED)							\$ 254,000

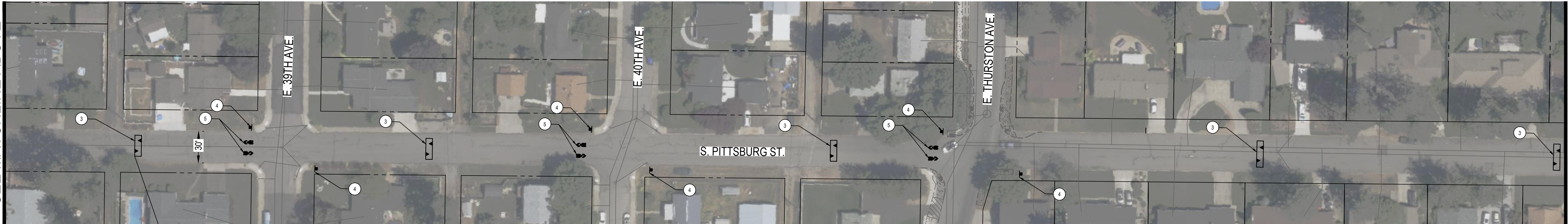
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C:\dowd_p\0441087\WC-CT-15246-C16.dwg PLOT DATE: Aug 22, 2026 - 6:14PM

SEE MATCHLINE ABOVE



SEE MATCHLINE BELOW



SEE MATCHLINE NEXT SHEET

LEGEND:

	PROPERTY LINE
	PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
	PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
	EXISTING MANHOLE
	EXISTING CATCH BASIN
	EXISTING HYDRANT
	NEW CATCH BASIN
	NEW STORM PIPE

CONSTRUCTION NOTES:

1. INSTALL CROSSWALK PER COS STD PLAN SECTION G.
2. REMOVE AND REPLACE EXISTING STOP SIGN PER COS STD PLAN SECTION G.
3. INSTALL SPEED HUMP WITH MARKING.
4. INSTALL PEDESTRIAN GREENWAY SIGN PER COS STD PLAN SECTION G.
5. INSTALL SHARROW MARKING PER COS STD PLAN SECTION G.
6. INSTALL RECTANGULAR RAPID FLASHING BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
7. REMOVE AND REPLACE EXISTING HYDRANT.
8. REMOVE AND REPLACE STOP SIGN AND STREET NAME PER COS STD PLAN SECTION G.
9. RELOCATE EXISTING UTILITY POLE.
10. REMOVE EXISTING STOP SIGN.
11. INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
12. REMOVE EXISTING CATCH BASIN PER COS STD PLAN SECTION B.
13. INSTALL PEDESTRIAN CROSSING SIGNS (W11-2 AND W16-9P) AT 200 FEET IN ADVANCE OF CROSSING PER COS STD PLAN SECTION G.

EXISTING INTERSECTION GEOMETRY DRAWN IN AT THURSTON AVENUE DUE TO AERIAL BEING OUTDATED.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS				NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)							
				NAVD88 ELEV. : N/A		BENCH MARK LOCATION: N/A		CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
				CBM NO. : N/A				BY			
				NAVD88 DATUM		SCALE IN FEET		DRAWN: AJR	07/2026		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		SCALE	HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE	1"= 50'	APPROVED: ANM	07/2026		
					VERTICAL SCALE (22 x 34)		N/A				



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

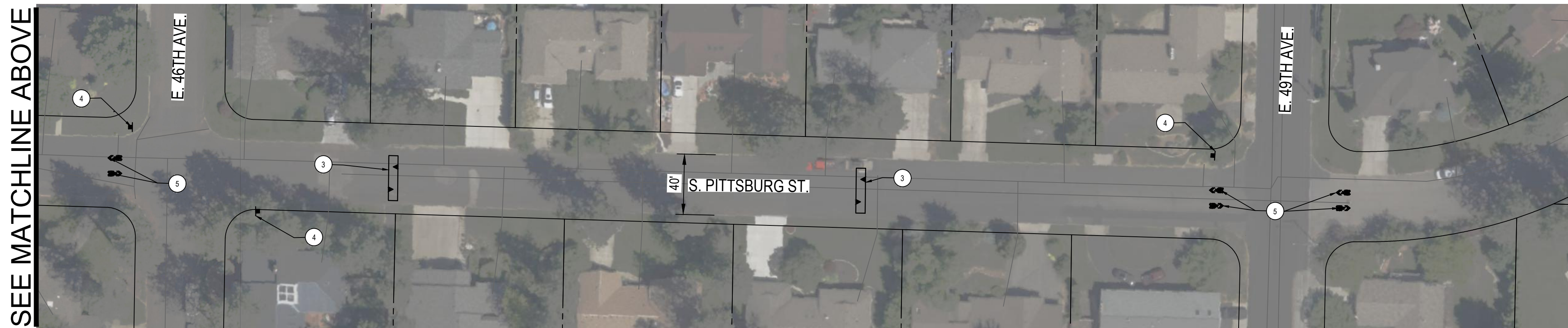
PRELIMINARY ONLY
NOT FOR CONSTRUCTION

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 2

PROJECT NAME:	SPOKANE TRAFFIC CALMING MASTER PLAN		
SHEET NAME:	S. PITTSBURG ST. E. 34TH AVE. TO E. 49TH AVE.		
PROJECT LIMITS: DISTRICT 2	TYPE OF IMPROVEMENT:	TRAFFIC	
	PROJECT NO.	GEO. LOCATION	
	N/A	N/A	

SEE MATCHLINE BELOW



CONSTRUCTION NOTES:

1. INSTALL CROSSWALK PER COS STD PLAN SECTION G.
2. REMOVE AND REPLACE EXISTING STOP SIGN PER COS STD PLAN SECTION G.
3. INSTALL SPEED HUMP WITH MARKING.
4. INSTALL PEDESTRIAN GREENWAY SIGN PER COS STD PLAN SECTION G.
5. INSTALL SHARROW MARKING PER COS STD PLAN SECTION G.
6. INSTALL PEDESTRIAN CROSSING SIGNS (W11-2 AND W16-7P) PER COS STD PLAN SECTION G.
7. REMOVE AND REPLACE EXISTING HYDRANT.
8. REMOVE AND REPLACE STOP SIGN AND STREET NAME PER COS STD PLAN SECTION G.
9. RELOCATE EXISTING UTILITY POLE.
10. REMOVE EXISTING STOP SIGN.
11. INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
12. REMOVE EXISTING CATCH BASIN PER COS STD PLAN SECTION B.
13. INSTALL PEDESTRIAN CROSSING SIGNS (W11-2 AND W16-9P) AT 200 FEET IN ADVANCE OF CROSSING PER COS STD PLAN SECTION G.

RIGHT OF WAY LINES ARE SHOWN FOR
INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

**BID DRAWING
NOT FOR CONSTRUCTION**

2
2 of 2

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)					CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
			NAVD88 ELEV. : N/A		BENCH MARK LOCATION: N/A			BY	DATES		
			CBM NO. : N/A		N/A						
			NAVD88 DATUM		SCALE	HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE	1"= 50'	DRAWN: AJR		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT			VERTICAL SCALE (22 x 34)		N/A	APPROVED: ANM	08/2026		

PRELIMINARY ONLY NOT FOR CONSTRUCTION	BID DRAWING NOT FOR CONSTRUCTION 2 2 of 2						
DATE:							
PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN							
SHEET NAME: S. PITTSBURG ST. E. 34TH AVE. TO E. 49TH AVE.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 5px;">TYPE OF IMPROVEMENT: TRAFFIC</td> </tr> <tr> <td style="width: 50%; padding: 5px;">PROJECT NO.</td> <td style="width: 50%; padding: 5px;">GEO. LOCATION</td> </tr> <tr> <td style="text-align: center; padding: 20px;">N/A</td> <td style="text-align: center; padding: 20px;">N/A</td> </tr> </table>	TYPE OF IMPROVEMENT: TRAFFIC		PROJECT NO.	GEO. LOCATION	N/A	N/A
TYPE OF IMPROVEMENT: TRAFFIC							
PROJECT NO.	GEO. LOCATION						
N/A	N/A						
PROJECT LIMITS: DISTRICT 2							

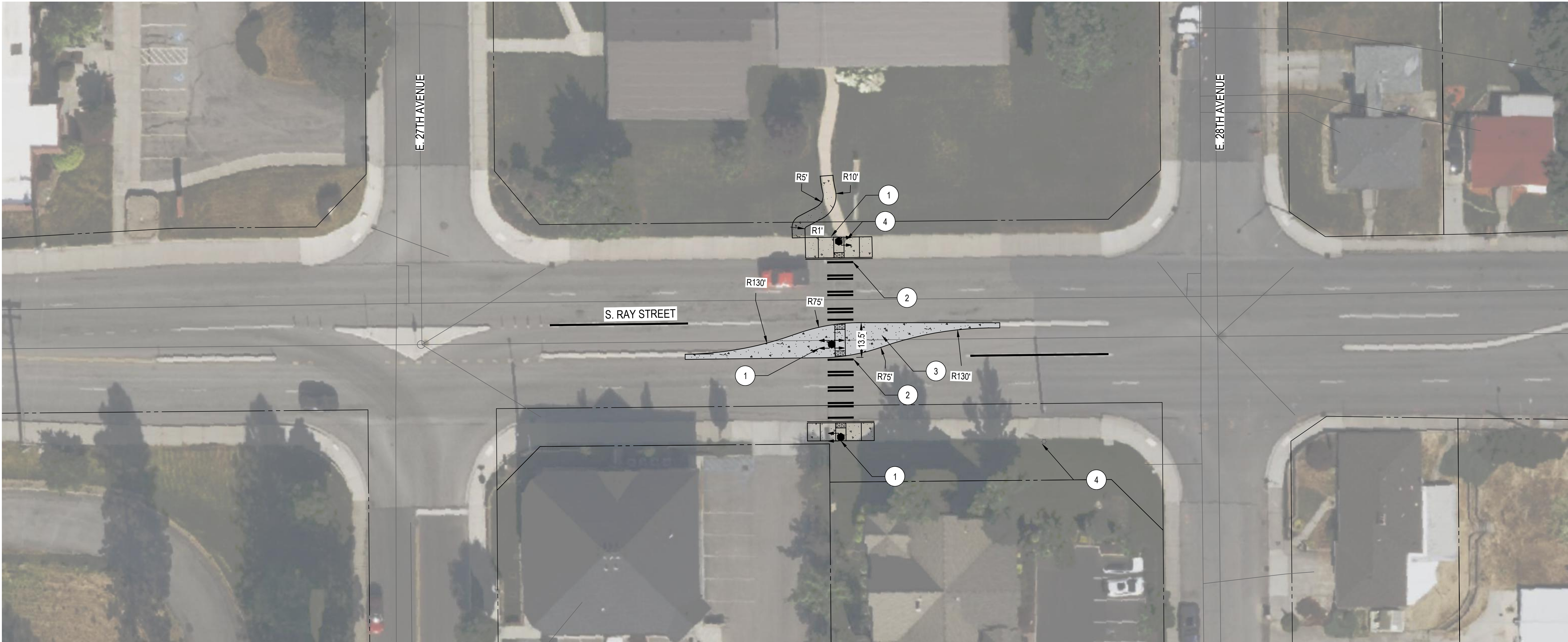
CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>AJR</u>	
DESCRIPTION: <u>Pittsburg Street, 34th Avenue to 49th Avenue</u>						CHECKED BY: <u>ANM</u>	
						DATE: <u>7/22/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 45,400	\$ 45,400
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 30,300	\$ 30,300
4	3-02	-	REMOVE EXISTING CURB	280	LF	\$ 20	\$ 5,600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	200	SY	\$ 30	\$ 6,000
6	3-02	-	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	1	EA	\$ 2,000	\$ 2,000
7	3-02	-	SAWCUTTING CURB	16	EA	\$ 45	\$ 720
8	3-02	-	SAWCUTTING PAVEMENT	1,580	LFI	\$ 2	\$ 3,160
9	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	270	SY	\$ 25	\$ 6,750
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	160	SY	\$ 40	\$ 6,400
11	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	550	SY	\$ 40	\$ 22,000
12	7-05	-	CATCH BASIN TYPE 1	1	EA	\$ 3,500	\$ 3,500
13	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	30	LF	\$ 110	\$ 3,300
14	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	1	EA	\$ 1,000	\$ 1,000
15	7-14	-	HYDRANT ASSEMBLY	1	EA	\$ 10,000	\$ 10,000
16	8-01		ESC LEAD	1	LS	\$ 3,800	\$ 3,800
17	8-01	-	INLET PROTECTION	33	EA	\$ 130	\$ 4,290
18	8-04	-	CEMENT CONC. CURB AND GUTTER	280	LF	\$ 45	\$ 12,600
19	8-14	-	CEMENT CONC. SIDEWALK	270	SY	\$ 120	\$ 32,400
20	-	-	TRAFFIC ISLAND CONCRETE	25	SY	\$ 120	\$ 3,000
21	8-14	-	RAMP DETECTABLE WARNING	128	SF	\$ 30	\$ 3,840
22	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, PITTSBURG AND 37TH	1	LS	\$ 75,000	\$ 75,000
23	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 24,000	\$ 24,000
24	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	190	SF	\$ 15	\$ 2,850
25	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	26	EA	\$ 400	\$ 10,400
26	-	-	SPEED HUMP	250	SY	\$ 200	\$ 50,000
27	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
						SUBTOTAL	\$ 373,310
CONTINGENCY						30%	\$ 112,000
						CONSTRUCTION TOTAL (ROUNDED)	\$ 485,000
FINAL DESIGN FEE						12%	\$ 58,200
CONSTRUCTION MANAGEMENT						15%	\$ 72,750
						SUBTOTAL	\$ 130,950
						GRAND TOTAL (ROUNDED)	\$ 616,000

DRAFT

 CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>RAD</u>	
DESCRIPTION: <u>Ray Street at 27th Avenue</u>						CHECKED BY: <u>RAS</u>	
Option 1 - RRFB crossing at 27th Avenue						DATE: <u>6/19/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 22,500	\$ 22,500
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 15,000	\$ 15,000
4	3-02	-	REMOVE EXISTING CURB	380	LF	\$ 20	\$ 7,600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	120	SY	\$ 30	\$ 3,600
6	3-02	-	SAWCUTTING CURB	5	EA	\$ 45	\$ 225
7	3-02	-	SAWCUTTING PAVEMENT	632	LFI	\$ 2	\$ 1,264
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	100	SY	\$ 25	\$ 2,500
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	160	SY	\$ 40	\$ 6,400
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	660	SY	\$ 40	\$ 26,400
11	8-01		ESC LEAD	1	LS	\$ 1,500	\$ 1,500
12	8-01	-	INLET PROTECTION	2	EA	\$ 130	\$ 260
13	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	160	SY	\$ 20	\$ 3,200
14	8-02	-	HYDROSEEDING	160	SY	\$ 20	\$ 3,200
15	8-02		SOD INSTALLATION	160	SY	\$ 30	\$ 4,800
16	8-04	-	CEMENT CONC. CURB AND GUTTER	100	LF	\$ 45	\$ 4,500
17	8-14	-	CEMENT CONC. SIDEWALK	100	SY	\$ 120	\$ 12,000
18	-	-	TRAFFIC ISLAND CONCRETE	80	SY	\$ 120	\$ 9,600
18	8-14	-	RAMP DETECTABLE WARNING	72	SF	\$ 30	\$ 2,160
19	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, S RAY ST & E 27TH AVE	1	LS	\$ 50,000	\$ 50,000
20	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,600	\$ 3,600
21	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	110	SF	\$ 15	\$ 1,650
						SUBTOTAL	\$ 186,959
CONTINGENCY						30%	\$ 56,090
						CONSTRUCTION TOTAL (ROUNDED)	\$ 243,000
FINAL DESIGN FEE						12%	\$ 29,160
CONSTRUCTION MANAGEMENT						15%	\$ 36,450
						SUBTOTAL	\$ 65,610
						GRAND TOTAL (ROUNDED)	\$ 309,000

DRAFT

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LEGEND:

- PROPERTY LINE
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL PEDESTRIAN RAPID FLASHING BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- CONSTRUCT PEDESTRIAN REFUGE ISLAND PER COS DESIGN STANDARDS CH. 3.
- RELOCATE EXISTING LUMINAIRE TO 30 FEET IN ADVANCE OF CROSSING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	100'0'10'20' SCALE IN FEET	
			CBM NO. : N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 20'	VERTICAL SCALE (22 x 34) N/A

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022		
BY	DATES	
DRAWN: RAD	07/2026	
APPROVED: ANM	07/2026	

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

BID DRAWING
NOT FOR CONSTRUCTION

2
2 of 2

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: S. RAY ST. AND E. 29TH AVE.
OPTION 2

PROJECT LIMITS: DISTRICT 2

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. N/A
GEO. LOCATION N/A

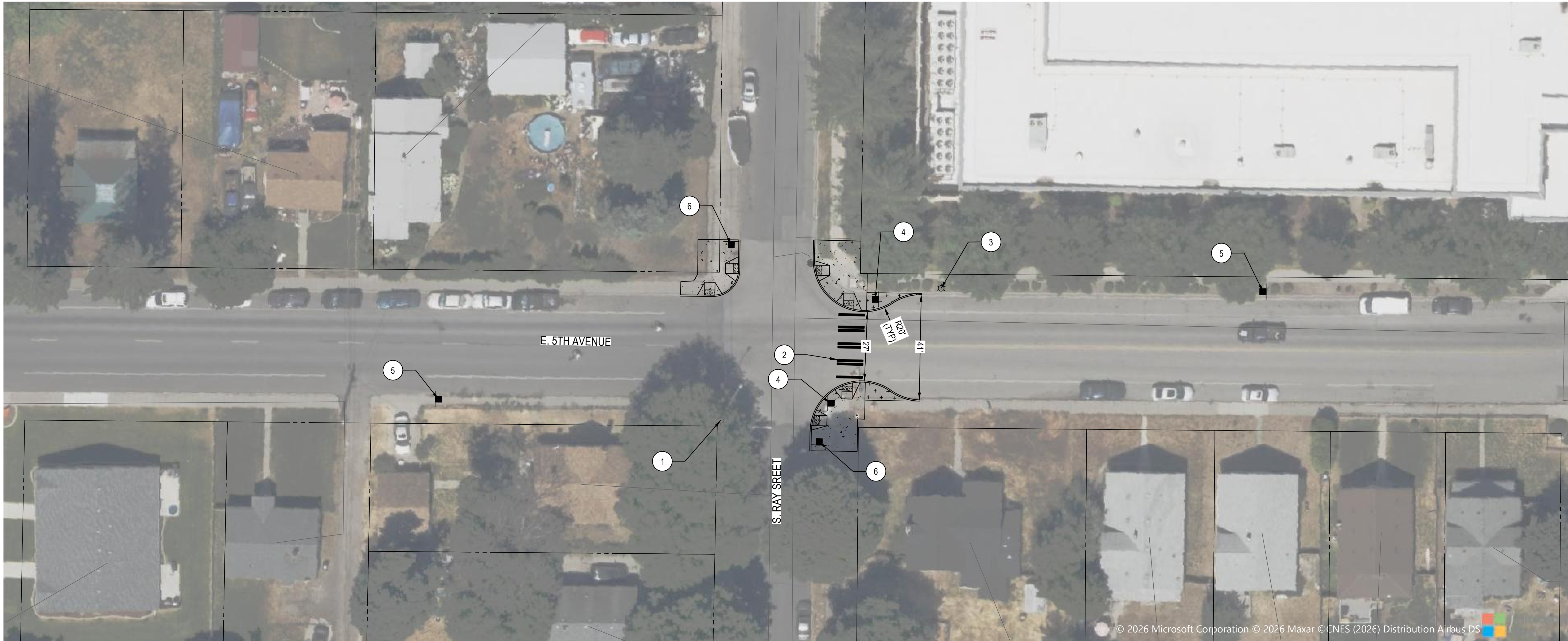


CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: <u>Spokane Traffic Calming Master Plan</u>				BY: <u>RAD</u>			
DESCRIPTION: <u>Ray Street at 27th Avenue</u>				CHECKED BY: <u>RAS</u>			
Option 2 - Mid-block crossing to maintain NBL at 27th Avenue				DATE: <u>6/19/2026</u>			

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 15,800	\$ 15,800
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 10,500	\$ 10,500
4	3-02	-	REMOVE EXISTING CURB	60	LF	\$ 20	\$ 1,200
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	6	EA	\$ 45	\$ 270
7	3-02	-	SAWCUTTING PAVEMENT	340	LFI	\$ 2	\$ 680
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	80	SY	\$ 25	\$ 2,000
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	90	SY	\$ 40	\$ 3,600
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	190	SY	\$ 40	\$ 7,600
11	8-01		ESC LEAD	1	LS	\$ 1,000	\$ 1,000
16	8-04	-	CEMENT CONC. CURB AND GUTTER	60	LF	\$ 45	\$ 2,700
17	8-14	-	CEMENT CONC. SIDEWALK	80	SY	\$ 120	\$ 9,600
18	-	-	TRAFFIC ISLAND CONCRETE	90	SY	\$ 120	\$ 10,800
19	8-14	-	RAMP DETECTABLE WARNING	32	SF	\$ 30	\$ 960
20	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, S RAY ST & E 27TH AVE	1	LS	\$ 50,000	\$ 50,000
21	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,600	\$ 3,600
22	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	180	SF	\$ 15	\$ 2,700
						SUBTOTAL	\$ 131,010
CONTINGENCY				30%			\$ 39,310
						CONSTRUCTION TOTAL (ROUNDED)	\$ 170,000
FINAL DESIGN FEE				12%			\$ 20,400
CONSTRUCTION MANAGEMENT				15%			\$ 25,500
						SUBTOTAL	\$ 45,900
						GRAND TOTAL (ROUNDED)	\$ 216,000

DRAFT



LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- EXISTING CATCH BASIN

CONSTRUCTION NOTES:

- EXISTING LUMINAIRE TO REMAIN.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- INSTALL NEW LUMINAIRE PER COS STD PLAN SECTION J.
- INSTALL PEDESTRIAN CROSSING SIGNS (W11-2 AND W16-7P) PER COS STD PLAN SECTION G.
- INSTALL PEDESTRIAN CROSSING SIGNS (W11-2 AND W16-9P) PER COS STD PLAN SECTION G.
- REMOVE AND REPLACE STOP SIGN AND STREET NAME PER COS STD PLAN SECTION G.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

DATE:

**BID DRAWING
NOT FOR CONSTRUCTION**

1
1 of 1

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: S. RAY ST. AND E. 5TH AVE.

PROJECT LIMITS: DISTRICT 2

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. GEO. LOCATION

N/A N/A

REVISIONS - RECORD DWG STATUS			NAV D88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV D88)		
			NAV D88 ELEV. : N/A	BENCH MARK LOCATION: N/A	
			CBM NO. : N/A		
			NAV D88 DATUM	SCALE	
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT			

10

0

10

20

SCALE IN FEET

SCALE

HORIZONTAL SCALE (22 x 34)

PLAN & PROFILE

1"= 20'

VERTICAL SCALE (22 x 34)

N/A

CURRENT C.O.S. DESIGN
STANDARDS ADOPTED JAN. 2022

BY

DATES

DRAWN: AJR

07/2026

APPROVED: ANM

07/2026

CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON

DEPARTMENT OF ENGINEERING SERVICES

808 WEST SPOKANE FALLS BLVD.

SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

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CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>AJR</u>	
DESCRIPTION: <u>Ray Street at 5th Avenue</u>						CHECKED BY: <u>ANM</u>	
						DATE: <u>7/8/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 9,000	\$ 9,000
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 6,000	\$ 6,000
4	3-02	-	REMOVE EXISTING CURB	150	LF	\$ 20	\$ 3,000
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	6	EA	\$ 45	\$ 270
7	3-02	-	SAWCUTTING PAVEMENT	232	LFI	\$ 2	\$ 464
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	150	SY	\$ 25	\$ 3,750
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	110	SY	\$ 40	\$ 4,400
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	190	SY	\$ 40	\$ 7,600
11	8-01		ESC LEAD	1	LS	\$ 1,100	\$ 1,100
12	8-01	-	INLET PROTECTION	1	EA	\$ 130	\$ 130
13	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	20	SY	\$ 20	\$ 400
14	8-02	-	HYDROSEEDING	20	SY	\$ 20	\$ 400
15	8-02	-	SOD INSTALLATION	20	SY	\$ 30	\$ 600
16	8-04	-	CEMENT CONC. CURB AND GUTTER	170	LF	\$ 45	\$ 7,650
17	8-14	-	CEMENT CONC. SIDEWALK	150	SY	\$ 120	\$ 18,000
18	8-14	-	RAMP DETECTABLE WARNING	48	SF	\$ 30	\$ 1,440
19	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,500	\$ 3,500
20	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	55	SF	\$ 15	\$ 825
21	-	-	LIGHT POLE INSTALLATION COORDINATION	1	LS	\$ 1,000	\$ 1,000
						SUBTOTAL	\$ 77,529
CONTINGENCY						30%	\$ 23,260
						CONSTRUCTION TOTAL (ROUNDED)	\$ 101,000
FINAL DESIGN FEE						12%	\$ 12,120
CONSTRUCTION MANAGEMENT						15%	\$ 15,150
						SUBTOTAL	\$ 27,270
						GRAND TOTAL (ROUNDED)	\$ 128,000

DRAFT



LEGEND:

- PROPERTY LINE
- PROPOSED SHARED-USE PATH
- PROPOSED GRAVEL SHOULDER
- ALTERNATE PATH ALIGNMENT
- SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- CONSTRUCT 10' SHARED-USE PATH.
- CONSTRUCT 2' GRAVEL SHOULDER.
- COORDINATE PATH DESIGN AND CONSTRUCTION WITH PROPOSED DEVELOPMENT.
- CONNECT TO PROPOSED SIDEWALK IMPROVEMENTS.
- ALTERNATE PATH ALIGNMENT TO FOLLOW EXISTING PROPERTY LINES AND ALLOW FOR FUTURE DEVELOPMENT.

GENERAL NOTES:

PRELIMINARY DESIGN INDICATES AN AVERAGE 5% PATH GRADE BASED ON TOPOGRAPHY FROM THE DEVELOPMENT SITE PLAN. GOOGLE EARTH REVIEW INDICATES AN AVERAGE EXISTING GROUND SLOPE OF APPROXIMATELY 2.8%.



PROPOSED CENTERLINE EXISTING GROUND PROFILE FROM GOOGLE EARTH PRO

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

**BID DRAWING
NOT FOR CONSTRUCTION**

1
1 of 1

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV.: N/A	150 0 150 30 SCALE IN FEET	
			CBM NO.: N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 30'	VERTICAL SCALE (22 x 34) N/A

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022	
BY	DATES
DRAWN: AAE	07/2026
APPROVED: ANM	07/2026

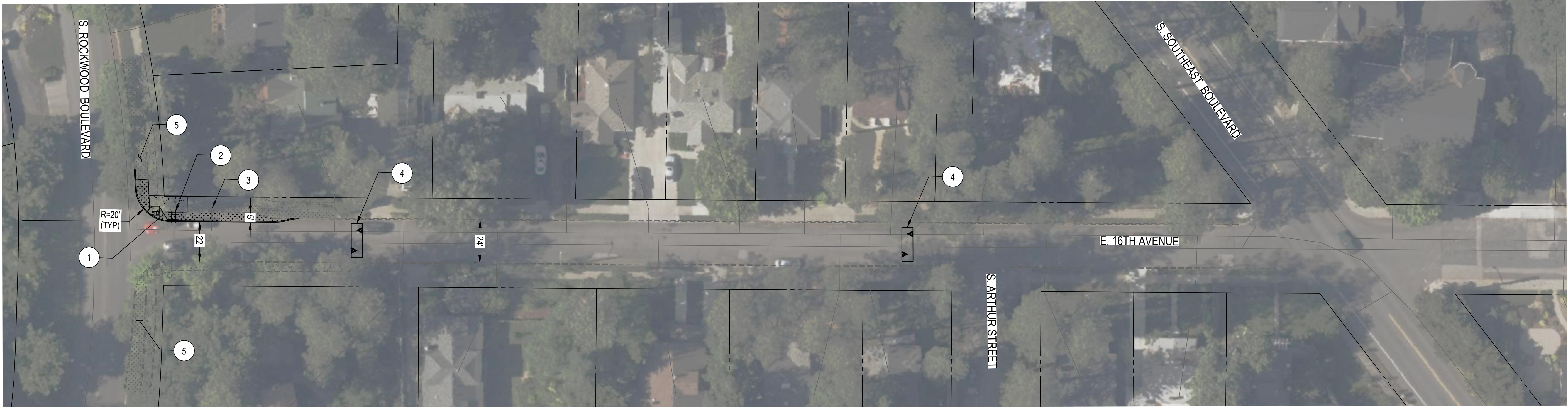
CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN	
SHEET NAME: S. RAY ST. 17TH AVE. TO 18TH AVE.	TYPE OF IMPROVEMENT: TRAFFIC
	PROJECT NO. GEO. LOCATION
PROJECT LIMITS: DISTRICT 2	N/A N/A

DOWL CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: Spokane Traffic Calming Master Plan						BY: AAE	
DESCRIPTION: Ray Street, 17th Avenue to 18th Avenue						CHECKED BY: ANM	
						DATE: 7/22/2026	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 106,900	\$ 106,900
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 71,300	\$ 71,300
4	3-02	-	REMOVE EXISTING CURB	21	LF	\$ 20	\$ 420
5	3-02	-	SAWCUTTING CURB	2	EA	\$ 45	\$ 90
6	3-02	-	SAWCUTTING PAVEMENT	14	LFI	\$ 2	\$ 28
7	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	5,280	SY	\$ 25	\$ 132,000
8	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	20	SY	\$ 40	\$ 800
9	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	5,280	SY	\$ 45	\$ 237,600
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	5,280	SY	\$ 40	\$ 211,200
11	8-01		ESC LEAD	1	LS	\$ 12,800	\$ 12,800
12	8-01	-	INLET PROTECTION	1	EA	\$ 130	\$ 130
13	8-02	-	ROCK MULCH	50	CY	\$ 115	\$ 5,750
14	8-04	-	CEMENT CONC. CURB AND GUTTER	21	LF	\$ 45	\$ 945
15	8-14	-	CEMENT CONC. SIDEWALK	45	SY	\$ 120	\$ 5,400
16	8-14	-	RAMP DETECTABLE WARNING	40	SF	\$ 30	\$ 1,200
17	-	-	RETAINING WALL	570	SF	\$ 165	\$ 94,050
						SUBTOTAL	\$ 890,613
CONTINGENCY						30%	\$ 267,190
						ROW	\$ 129,000
						CONSTRUCTION TOTAL (ROUNDED)	\$ 1,287,000
FINAL DESIGN FEE						15%	\$ 193,050
CONSTRUCTION MANAGEMENT						15%	\$ 193,050
						SUBTOTAL	\$ 386,100
						GRAND TOTAL (ROUNDED)	\$ 1,673,000

DRAFT



LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD
PLAN SECTION F

CONSTRUCTION NOTES:

1. OPTION 1 - INSTALL CURB BUMPOUT.
2. OPTION 1 - REMOVE AND REPLACE SIGN ASSEMBLY.
3. OPTION 1 - REMOVE AND REPLACE EXISTING HYDRANT.
4. INSTALL SPEED HUMP WITH MARKING.
5. TRIM EXISTING VEGETATION AND TREES TO PROVIDE BETTER VISIBILITY OF CROSSING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR
INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 1

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	1501530 SCALE IN FEET	
			CBM NO. : N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE 1"= 30' N/A

CURRENT C.O.S. DESIGN
STANDARDS ADOPTED JAN. 2022

BY
DRAWN: DRV
APPROVED: ANM

DATES
07/2026
07/2026

CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN	
SHEET NAME: S. ROCKWOOD BLVD. AND E. 16TH AVE.	
PROJECT LIMITS: DISTRICT 2	
TYPE OF IMPROVEMENT: TRAFFIC	
PROJECT NO. N/A	GEO. LOCATION N/A

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: Spokane Traffic Calming Master Plan						BY: DRV	
DESCRIPTION: Rockwood Boulevard at 16th Avenue						CHECKED BY: ANM	
		Option 1: With Curb Bumpout at Rockwood Boulevard				DATE: 7/13/2026	
		Value Engineering Option: Quick-Build with delineators rather than curb bumpouts					
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 8,100	\$ 8,100
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 6,000	\$ 6,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 5,400	\$ 5,400
4	3-02	-	REMOVE EXISTING CURB	110	LF	\$ 20	\$ 2,200
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	2	EA	\$ 45	\$ 90
7	3-02	-	SAWCUTTING PAVEMENT	222	LF	\$ 2	\$ 444
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	35	SY	\$ 25	\$ 875
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	60	SY	\$ 40	\$ 2,400
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	130	SY	\$ 40	\$ 5,200
11	7-14	-	HYDRANT ASSEMBLY	1	EA	\$ 10,000	\$ 10,000
12	8-01		ESC LEAD	1	LS	\$ 900	\$ 900
13	8-01	-	INLET PROTECTION	1	EA	\$ 130	\$ 130
14	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	40	SY	\$ 20	\$ 800
15	8-02	-	HYDROSEEDING	40	SY	\$ 20	\$ 800
16	8-02	-	SOD INSTALLATION	40	SY	\$ 30	\$ 1,200
17	8-04	-	CEMENT CONC. CURB AND GUTTER	120	LF	\$ 45	\$ 5,400
18	8-14	-	CEMENT CONC. SIDEWALK	35	SY	\$ 120	\$ 4,200
19	8-14	-	RAMP DETECTABLE WARNING	8	SF	\$ 30	\$ 240
20	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 2,000	\$ 2,000
21	-	-	SPEED HUMP	40	SY	\$ 200	\$ 8,000
						SUBTOTAL	\$ 67,379
CONTINGENCY						30%	\$ 20,220
						CONSTRUCTION TOTAL (ROUNDED)	\$ 88,000
						FINAL DESIGN FEE	12% \$ 10,560
						CONSTRUCTION MANAGEMENT	15% \$ 13,200
						SUBTOTAL	\$ 23,760
						GRAND TOTAL (ROUNDED)	\$ 112,000

DRAFT



CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Spokane Traffic Calming Master Plan
DESCRIPTION: Rockwood Boulevard at 16th Avenue
Option 2: Without Curb Bumpout at Rockwood Boulevard

BY: DRV
CHECKED BY: ANM
DATE: 7/13/2026

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 2,500	\$ 2,500
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 6,000	\$ 6,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 1,700	\$ 1,700
4	3-02	-	SAWCUTTING PAVEMENT	100	LFI	\$ 2	\$ 200
5	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	40	SY	\$ 40	\$ 1,600
6	8-01		ESC LEAD	1	LS	\$ 300	\$ 300
7	8-01	-	INLET PROTECTION	1	EA	\$ 130	\$ 130
8	-	-	SPEED HUMP	40	SY	\$ 200	\$ 8,000
SUBTOTAL							\$ 20,430
CONTINGENCY 30%							\$ 6,130
CONSTRUCTION TOTAL (ROUNDED)							\$ 27,000
FINAL DESIGN FEE 12%							\$ 3,240
CONSTRUCTION MANAGEMENT 15%							\$ 4,050
SUBTOTAL							\$ 7,290
GRAND TOTAL (ROUNDED)							\$ 34,000

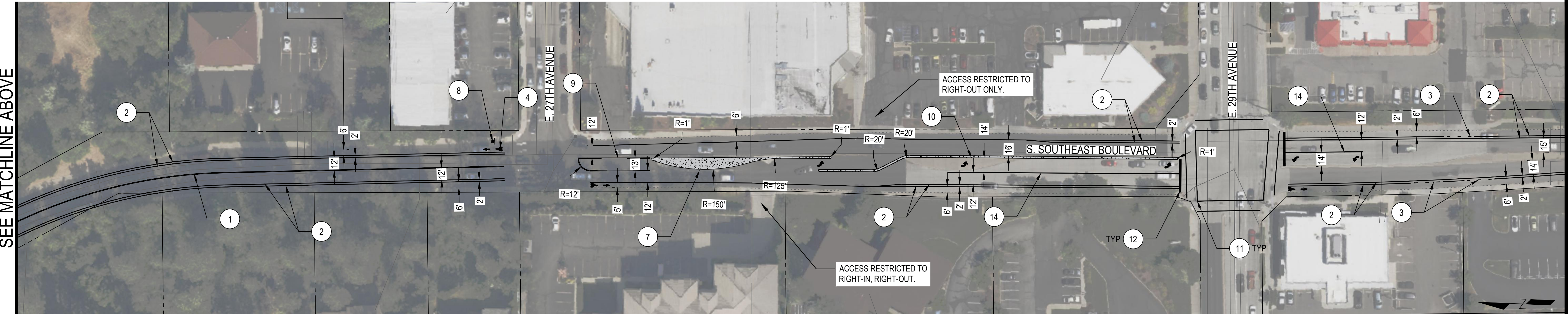
DRAFT

C:\dowd_p\w\0441087\WC-CT-15246-C21.dwg PLOT DATE: Aug 28, 2026 - 11:15AM

SEE MATCHLINE ABOVE



SEE MATCHLINE BELOW



SEE MATCHLINE NEXT SHEET

LEGEND:

	PROPERTY LINE
	PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
	PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
	PLANTER AREA
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
	PROPOSED STORM LINE

CONSTRUCTION NOTES:

- INSTALL CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE MARKING PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE SKIP MARKING.
- INSTALL PAVEMENT MARKING SYMBOL PER COS STD PLAN SECTION G.
- MATCH EXISTING SIDEWALK.
- REMOVE EXISTING TRAFFIC ISLAND. INSTALL TRAFFIC SIGNAL SYSTEM PER COS STD PLAN SECTION J.
- REMOVE EXISTING TRAFFIC ISLAND. INSTALL TRAFFIC ISLAND RESTRICTING ACCESS TO RIGHT-IN, RIGHT-OUT.
- INSTALL BIKE LANE SIGN R3-17 PER COS STD PLAN SECTION G.
- INSTALL TWO WAY LEFT TURN LANE MARKING PER COS STD PLAN SECTION G.
- REMOVE EXISTING TRAFFIC ISLAND. INSTALL 2-FOOT WIDE CURB SEPARATOR.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
- INSTALL WHITE WIDE LINE PER COS STD PLAN SECTION G.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV.: N/A		
			CBM NO.: N/A		
			NAVD88 DATUM	SCALE IN FEET	
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		SCALE	
				HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE 1"= 50'
				VERTICAL SCALE (22 x 34)	N/A
			BENCH MARK LOCATION: N/A	CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022	
				BY	DATES
				DRAWN: AJR	07/2026
				APPROVED: ANM	07/2026

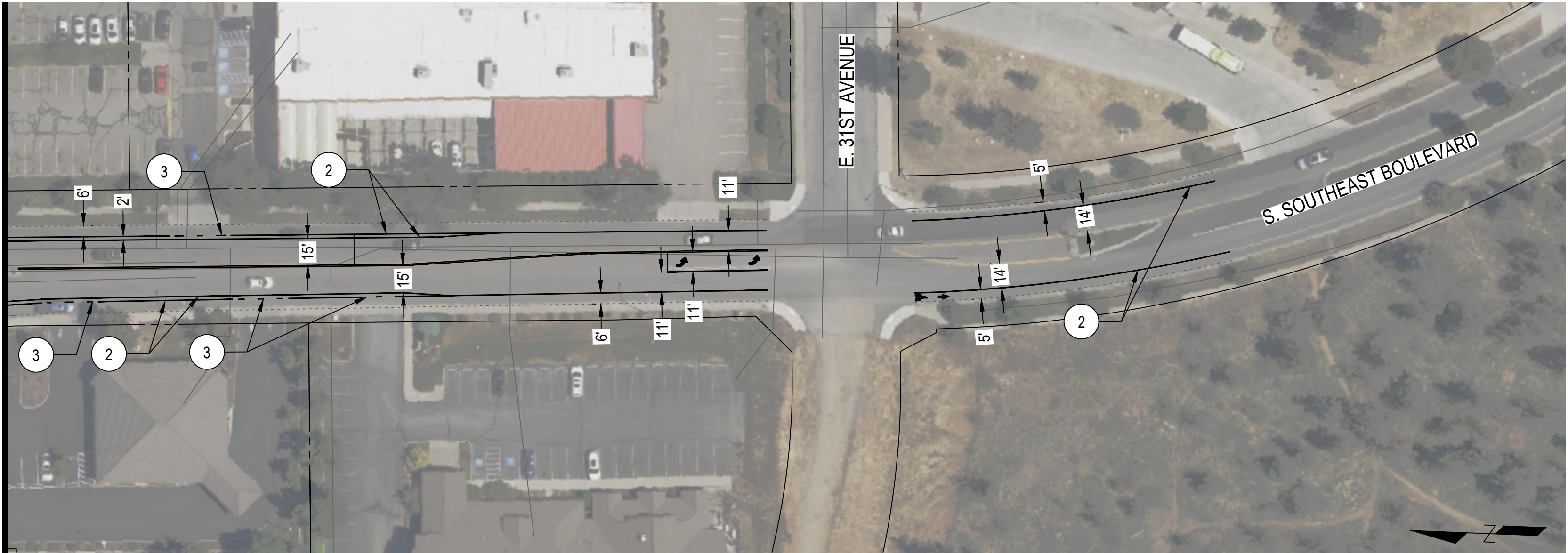


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PRELIMINARY ONLY NOT FOR CONSTRUCTION		BID DRAWING NOT FOR CONSTRUCTION	
DATE:		1 1 of 2	
PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN			
SHEET NAME: S. SOUTHEAST BLVD. E. 25TH AVENUE TO E. 29TH AVENUE		TYPE OF IMPROVEMENT: TRAFFIC	
		PROJECT NO.	GEO. LOCATION
		N/A	N/A
PROJECT LIMITS: DISTRICT 2			

C:\dowl_p\w\0441087\WC-CT-15246-C21.dwg PLOT DATE: Aug 28, 2026 - 11:18AM

SEE MATCHLINE PREVIOUS SHEET



LEGEND:

- PROPERTY LINE
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PLANTER AREA
- EXISTING CATCH BASIN
- PROPOSED CATCH BASIN
- PROPOSED STORM LINE

CONSTRUCTION NOTES:

- INSTALL CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE MARKING PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE SKIP MARKING.
- INSTALL PAVEMENT MARKING SYMBOL PER COS STD PLAN SECTION G.
- MATCH EXISTING SIDEWALK.
- REMOVE EXISTING TRAFFIC ISLAND. INSTALL TRAFFIC SIGNAL SYSTEM PER COS STD PLAN SECTION J.
- REMOVE EXISTING TRAFFIC ISLAND. INSTALL TRAFFIC ISLAND RESTRICTING ACCESS TO RIGHT-IN, RIGHT-OUT.
- INSTALL BEGIN BIKE LANE SIGN R3-17 PER COS STD PLAN SECTION G.
- INSTALL TWO WAY LEFT TURN LANE MARKING PER COS STD PLAN SECTION G.
- REMOVE EXISTING TRAFFIC ISLAND. INSTALL 2-FOOT WIDE CURB SEPARATOR.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
- INSTALL WHITE WIDE LINE PER COS STD PLAN SECTION G.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

BID DRAWING
NOT FOR CONSTRUCTION

2
2 of 2

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	2502550 SCALE IN FEET	
			CBM NO. : N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE 1"= 50' N/A

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022		
BY	DATES	
DRAWN: AJR	07/2026	
APPROVED: ANM	07/2026	

CITY OF SPOKANE DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
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PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN	
SHEET NAME: S. SOUTHEAST BLVD. E. 25TH AVENUE TO E. 29TH AVENUE	TYPE OF IMPROVEMENT: TRAFFIC
	PROJECT NO. GEO. LOCATION
PROJECT LIMITS: DISTRICT 2	
N/A	N/A



CONCEPTUAL ENGINEER'S ESTIMATE

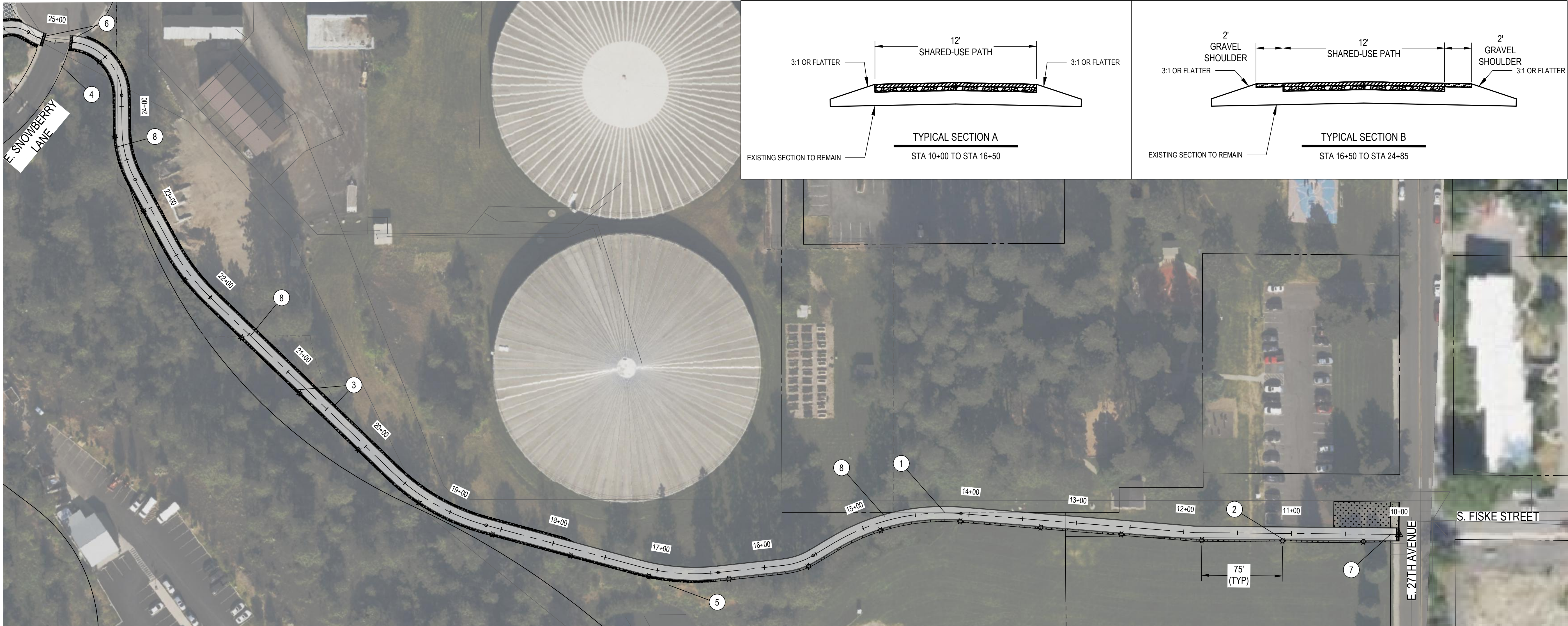
PROJECT: Spokane Traffic Calming Master Plan
DESCRIPTION: Southeast Boulevard, 25th Avenue to 29th Avenue

BY: AJR
CHECKED BY: ANM
DATE: 7/17/2026

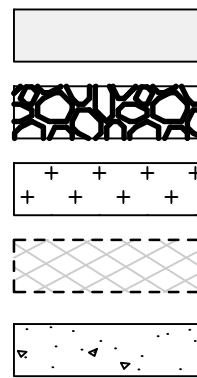
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 118,100	\$ 118,100
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 78,800	\$ 78,800
4	3-02	-	REMOVE EXISTING CURB	240	LF	\$ 20	\$ 4,800
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	8	EA	\$ 45	\$ 360
7	3-02	-	SAWCUTTING PAVEMENT	1,985	LFI	\$ 2	\$ 3,970
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	100	SY	\$ 25	\$ 2,500
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	510	SY	\$ 40	\$ 20,400
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	990	SY	\$ 40	\$ 39,600
11	-	-	REMOVE EXISTING TRAFFIC ISLAND CONCRETE	265	SY	\$ 100	\$ 26,500
12	7-05	-	CATCH BASIN TYPE 1	2	EA	\$ 3,500	\$ 7,000
13	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	80	LF	\$ 110	\$ 8,800
14	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	2	EA	\$ 1,000	\$ 2,000
15	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	2	EA	\$ 1,500	\$ 3,000
16	8-01	-	ESC LEAD	1	LS	\$ 12,700	\$ 12,700
17	8-01	-	INLET PROTECTION	3	EA	\$ 130	\$ 390
18	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	40	SY	\$ 20	\$ 800
19	8-02	-	HYDROSEEDING	40	SY	\$ 20	\$ 800
20	8-02	-	SOD INSTALLATION	40	SY	\$ 30	\$ 1,200
21	8-04	-	CEMENT CONC. CURB AND GUTTER	250	LF	\$ 45	\$ 11,250
22	8-14	-	CEMENT CONC. SIDEWALK	100	SY	\$ 120	\$ 12,000
23	-	-	TRAFFIC ISLAND CONCRETE	190	SY	\$ 120	\$ 22,800
24	8-14	-	RAMP DETECTABLE WARNING	48	SF	\$ 30	\$ 1,440
25	8-20	-	TRAFFIC SIGNAL SYSTEM, SOUTHEAST AND 25TH	1	LS	\$ 450,000	\$ 450,000
26	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 1,500	\$ 1,500
27	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	4,131	SF	\$ 10	\$ 41,310
28	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	6,885	SF	\$ 15	\$ 103,275
29	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	14	EA	\$ 400	\$ 5,600
SUBTOTAL							\$ 988,895
CONTINGENCY 30%							\$ 296,670
CONSTRUCTION TOTAL (ROUNDED)							\$ 1,286,000
FINAL DESIGN FEE 12%							\$ 154,320
CONSTRUCTION MANAGEMENT 15%							\$ 192,900
SUBTOTAL							\$ 347,220
GRAND TOTAL (ROUNDED)							\$ 1,633,000

DRAFT

C:\dowl_p\w\0441087\WC-CT-15246-C22.dwg PLOT DATE: Aug 11, 2026 - 3:12PM



LEGEND:



PROPERTY LINE
PROPOSED HMA BIKE PATH
PROPOSED GRAVEL SHOULDER
PLANTER AREA
ALTERNATE PATH ALIGNMENT
SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

1. CONSTRUCT 12' SHARED-USE PATH.
2. INSTALL LUMINAIRES AT 75' SPACING.
3. CONSTRUCT 2' GRAVEL SHOULDER.
4. CONSTRUCT INLET PROTECTION.
5. CONSTRUCT EROSION AND SEDIMENT CONTROL MEASURES.
6. SEE THORNTON-MURPHY PARK, E. 27TH AVE. TO E. 23RD AVE. CONCEPT FOR CONTINUATION OF PATH EXTENTS
7. COORDINATE PATH TIE-IN AT THORNTON-MURPHY PARK WITH PARKS AND RECREATION DEPARTMENT IMPROVEMENT PROJECT. REMOVE EXISTING WEST PARKING LOT ACCESS.
8. MODIFY EXISTING FENCING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	2502550 SCALE IN FEET	
			CBM NO. : N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE 1"= 50' N/A

CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022		
BY	DATES	
DRAWN: AAE	08/2026	
APPROVED: ANM	08/2026	

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PRELIMINARY ONLY NOT FOR CONSTRUCTION	BID DRAWING NOT FOR CONSTRUCTION		1 1 of 1
DATE:			
PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN			
SHEET NAME:		TYPE OF IMPROVEMENT: TRAFFIC	
THORNTON-MURPHY PARK		PROJECT NO.	GEO. LOCATION
E. 23RD AVE. TO S. FISKE ST.		N/A	N/A
PROJECT LIMITS: DISTRICT 2			



CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Spokane Traffic Calming Master Plan

DESCRIPTION: Thornton-Murphy Park, 23rd Avenue to Fiske Street

BY: AAE

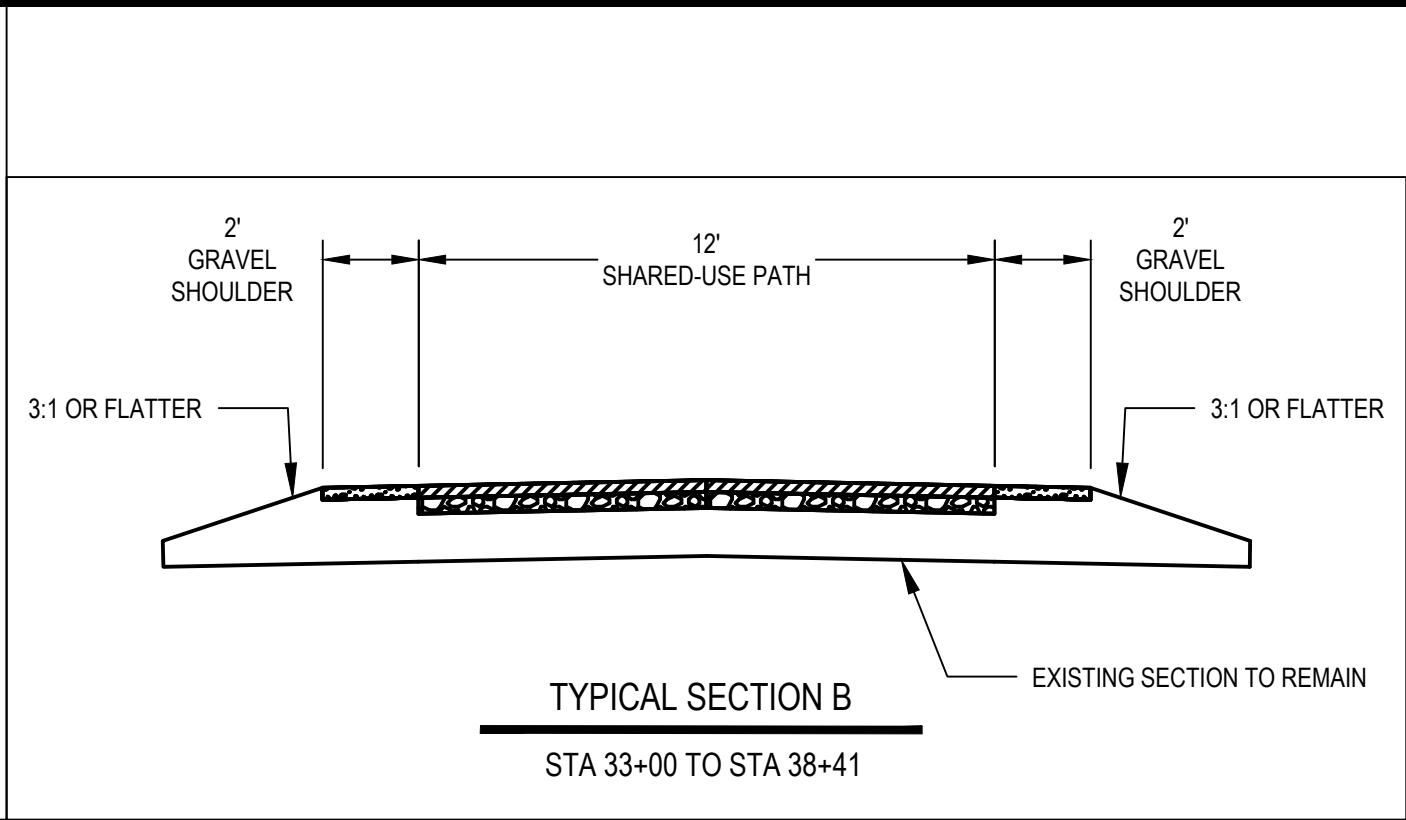
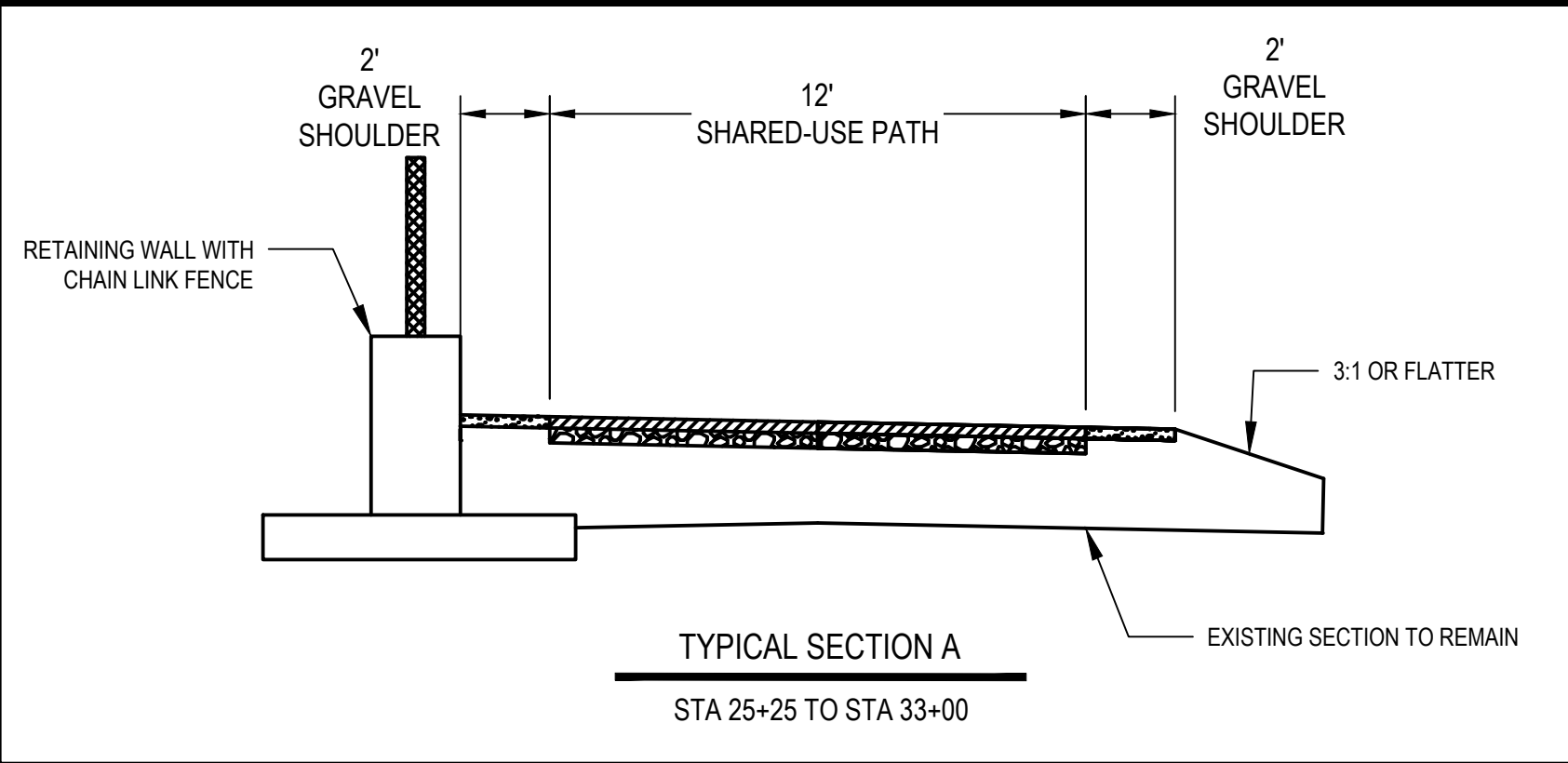
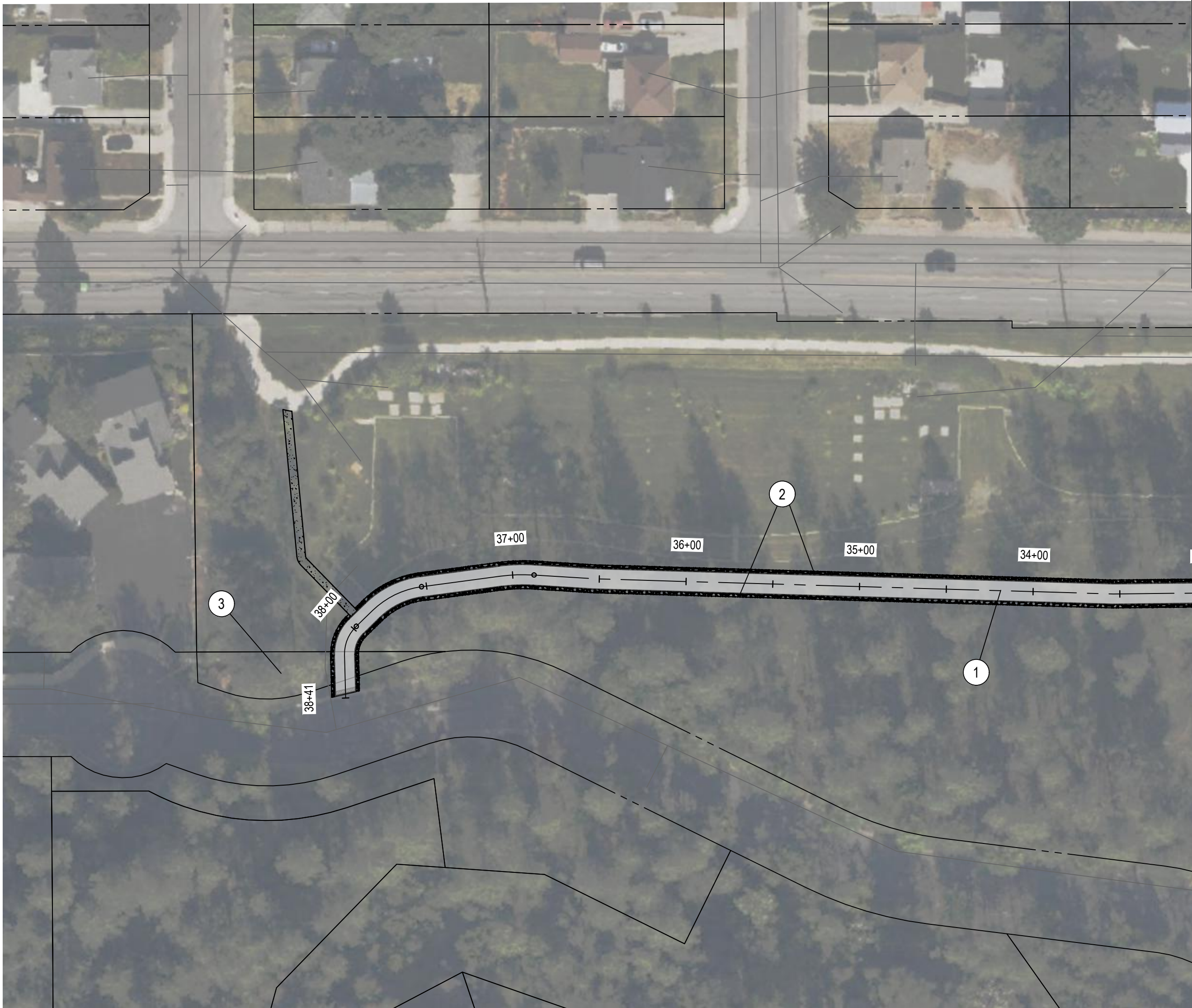
CHECKED BY: ANM

DATE: 7/2/2026

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 90,800	\$ 90,800
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 60,600	\$ 60,600
4	3-02	-	REMOVE EXISTING CURB	50	LF	\$ 20	\$ 1,000
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	20	SY	\$ 30	\$ 600
6	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180
7	3-02	-	SAWCUTTING PAVEMENT	75	LF	\$ 2	\$ 150
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	2,010	SY	\$ 25	\$ 50,250
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	10	SY	\$ 40	\$ 400
10	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	1,990	SY	\$ 45	\$ 89,550
11	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	2,130	SY	\$ 40	\$ 85,200
12	8-01		ESC LEAD	1	LS	\$ 10,500	\$ 10,500
13	8-01	-	INLET PROTECTION	1	EA	\$ 130	\$ 130
14	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	290	SY	\$ 20	\$ 5,800
15	8-02	-	HYDROSEEDING	290	SY	\$ 20	\$ 5,800
16	8-02	-	ROCK MULCH	30	CY	\$ 115	\$ 3,450
17	8-02	-	SOD INSTALLATION	290	SY	\$ 30	\$ 8,700
18	8-04	-	CEMENT CONC. CURB AND GUTTER	40	LF	\$ 45	\$ 1,800
19	8-12	-	MODIFY FENCING	1	LS	\$ 27,650	\$ 27,650
20	8-14	-	CEMENT CONC. SIDEWALK	20	SY	\$ 120	\$ 2,400
21	8-14	-	RAMP DETECTABLE WARNING	48	SF	\$ 30	\$ 1,449
22	-	-	LIGHT POLE INSTALLATION	20	EA	\$ 15,000	\$ 300,000
SUBTOTAL							\$ 756,409
CONTINGENCY 35%							\$ 264,750
CONSTRUCTION TOTAL (ROUNDED)							\$ 1,021,000
FINAL DESIGN FEE 12%							\$ 122,520
CONSTRUCTION MANAGEMENT 15%							\$ 153,150
SUBTOTAL							\$ 275,670
GRAND TOTAL (ROUNDED)							\$ 1,297,000

DRAFT

C:\dowd_p\w\044108\WC-CT-15246-C23.dwg PLOT DATE: Aug 11, 2026 - 3:17PM



LEGEND:

- PROPERTY LINE
- PROPOSED HMA BIKE PATH
- PROPOSED GRAVEL SHOULDER
- ALTERNATE PATH ALIGNMENT
- SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- CONSTRUCT 12' SHARED-USE PATH.
- CONSTRUCT 2' GRAVEL SHOULDER.
- MINOR RIGHT-OF-WAY TAKE REQUIRED FOR FINAL CONNECTION
- SEE THORNTON-MURPHY PARK, E. 23RD AVE. TO S. FISKE ST. CONCEPT FOR CONTINUATION OF PATH EXTENTS
- ALTERNATE PATH ALIGNMENT TO FOLLOW EXISTING PROPERTY LINES AND ALLOW FOR FUTURE DEVELOPMENT.



PROPOSED CENTERLINE EXISTING GROUND PROFILE FROM GOOGLE EARTH PRO



ALTERNATE CENTERLINE EXISTING GROUND PROFILE FROM GOOGLE EARTH PRO

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 1

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: THORNTON-MURPHY PARK
E. 27TH AVE. TO E. 23RD AVE.

PROJECT LIMITS: DISTRICT 2

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. N/A

GEO. LOCATION N/A

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)							
			NAVD88 ELEV.: N/A	 25 0 25 50 SCALE IN FEET	BENCH MARK LOCATION: N/A	CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700	
			CBM NO.: N/A				BY			DATES
			NAVD88 DATUM			SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 50'			DRAWN: AAE 08/2026
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT			VERTICAL SCALE (22 x 34) N/A	APPROVED: ANM 08/2026				

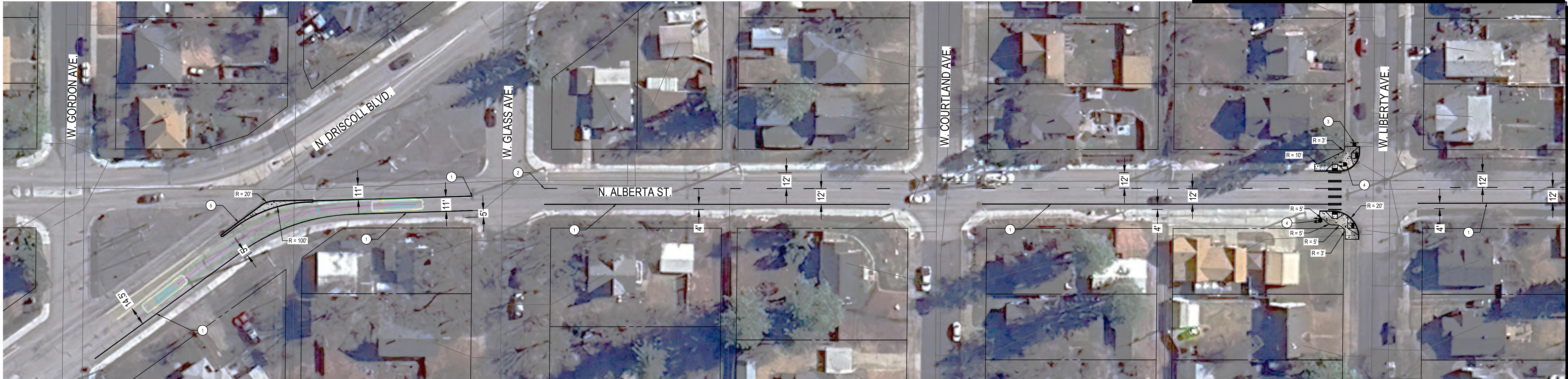


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

		CONCEPTUAL ENGINEER'S ESTIMATE						
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>AAE</u>		
DESCRIPTION: <u>Thornton-Murphy Park, 27th Avenue to 23rd Avenue</u>						CHECKED BY: <u>ANM</u>		
						DATE: <u>7/2/2026</u>		
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST	
1	2-01	-	MOBILIZATION	1	LS	\$ 39,200	\$ 39,200	
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000	
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 26,100	\$ 26,100	
4	3-02	-	REMOVE EXISTING CURB	30	LF	\$ 20	\$ 600	
5	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180	
6	3-02	-	SAWCUTTING PAVEMENT	28	LFI	\$ 2	\$ 56	
7	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	1,850	SY	\$ 25	\$ 46,250	
8	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	10	SY	\$ 40	\$ 400	
9	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	1,770	SY	\$ 45	\$ 79,650	
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	1,850	SY	\$ 40	\$ 74,000	
11	8-01		ESC LEAD	1	LS	\$ 11,600	\$ 11,600	
12	8-02	-	ROCK MULCH	50	CY	\$ 115	\$ 5,750	
13	8-04	-	CEMENT CONC. CURB AND GUTTER	30	LF	\$ 45	\$ 1,350	
14	8-12	-	MODIFY FENCING	1	LS	\$ 20,650	\$ 20,650	
15	8-14	-	CEMENT CONC. SIDEWALK	80	SY	\$ 120	\$ 9,600	
16	8-14	-	RAMP DETECTABLE WARNING	24	SF	\$ 30	\$ 720	
17	-	-	RETAINING WALL	3,875	SF	\$ 125	\$ 484,375	
						SUBTOTAL		\$ 810,481
CONTINGENCY				35%			\$ 283,670	
						ROW		\$ 72,000
						CONSTRUCTION TOTAL (ROUNDED)		\$ 1,166,000
FINAL DESIGN FEE				12%			\$ 139,920	
CONSTRUCTION MANAGEMENT				15%			\$ 174,900	
						SUBTOTAL		\$ 314,820
						GRAND TOTAL (ROUNDED)		\$ 1,481,000

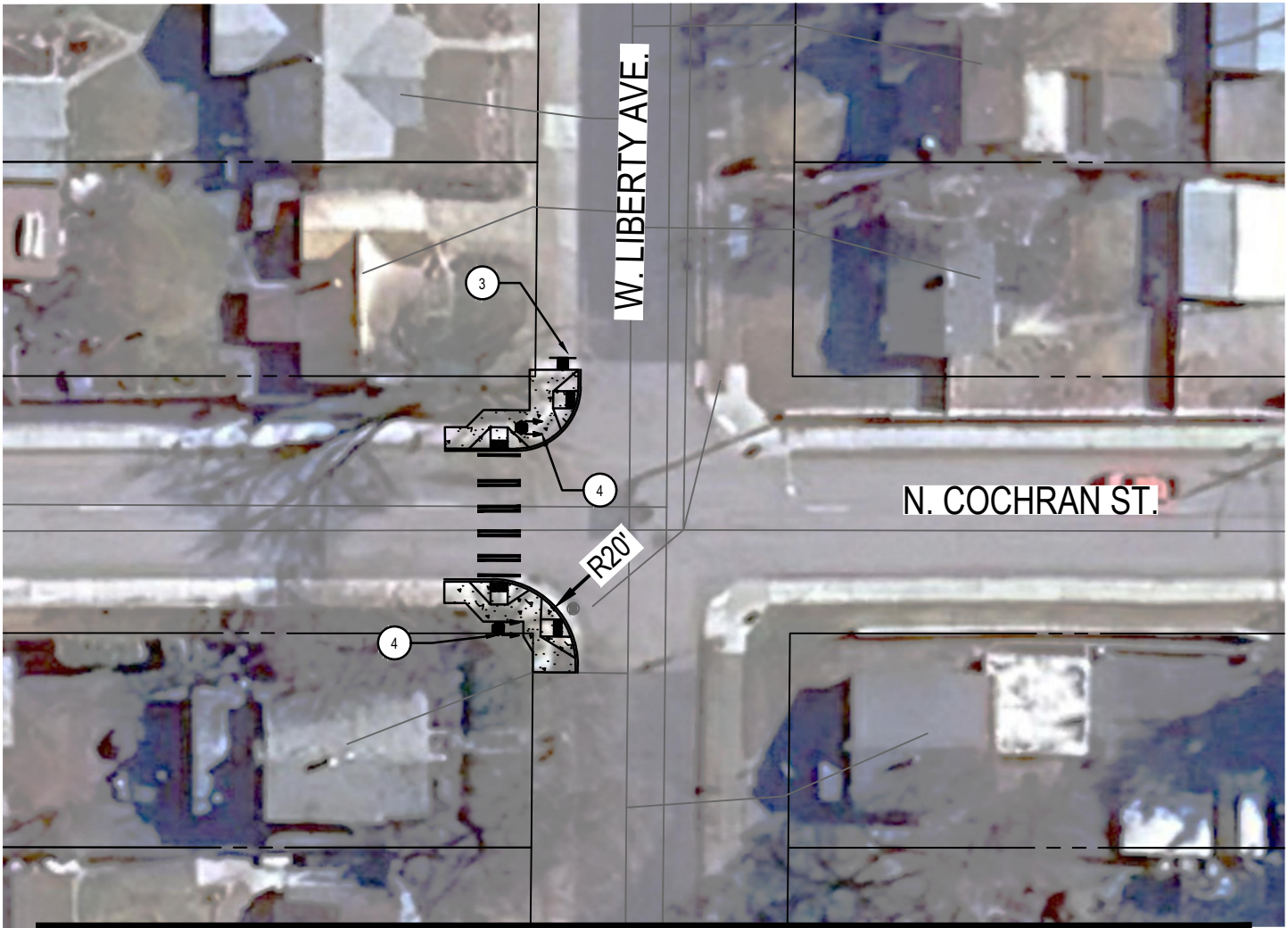
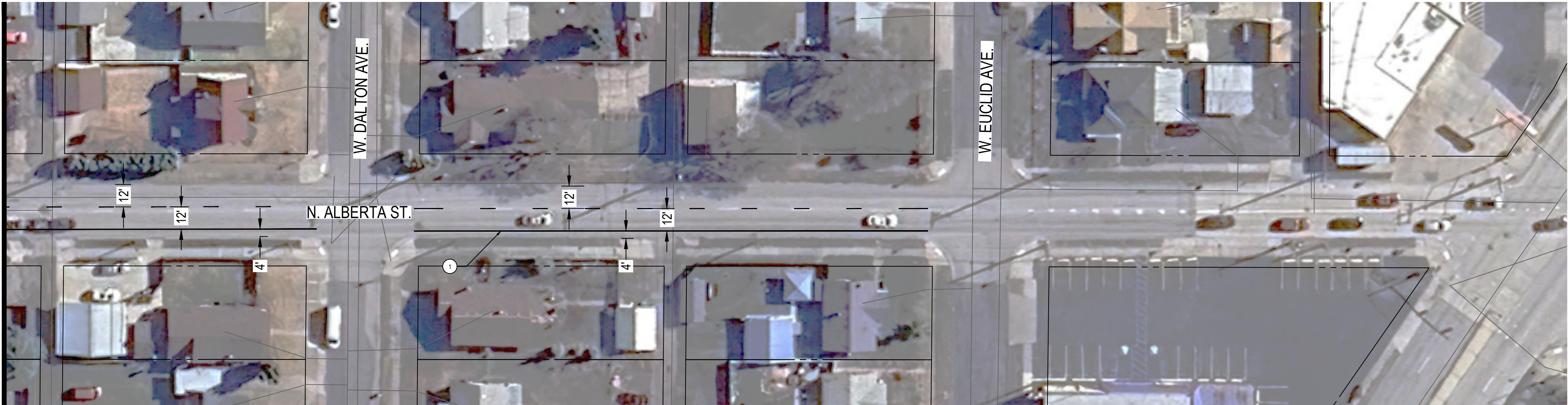
DRAFT

SEE MATCHLINE 2 BELOW



SEE MATCHLINE 1 BELOW

SEE MATCHLINE 1 ABOVE



SEE MATCHLINE 2 ABOVE

LEGEND:

- PROPERTY LINE
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL WHITE LINE PER COS STD PLAN SECTION G.
- INSTALL CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL R1-1, STREET NAMES, AND R6-1 SIGNS PER COS STD PLAN SECTION G.
- INSTALL PEDESTRIAN RAPID FLASHING BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
- REMOVE AND REPLACE EXISTING MEDIAN ISLAND CONCRETE.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

**BID DRAWING
NOT FOR CONSTRUCTION**

1
1 of 1

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV. : N/A	2002040 SCALE IN FEET	BENCH MARK LOCATION: N/A
			CBM NO. : N/A		N/A
			NAVD88 DATUM		N/A
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT			SCALE
CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022					
					BY DATES
					DRAWN: KMS 08/2026
					APPROVED: ANM 08/2026

CITY OF SPOKANE



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

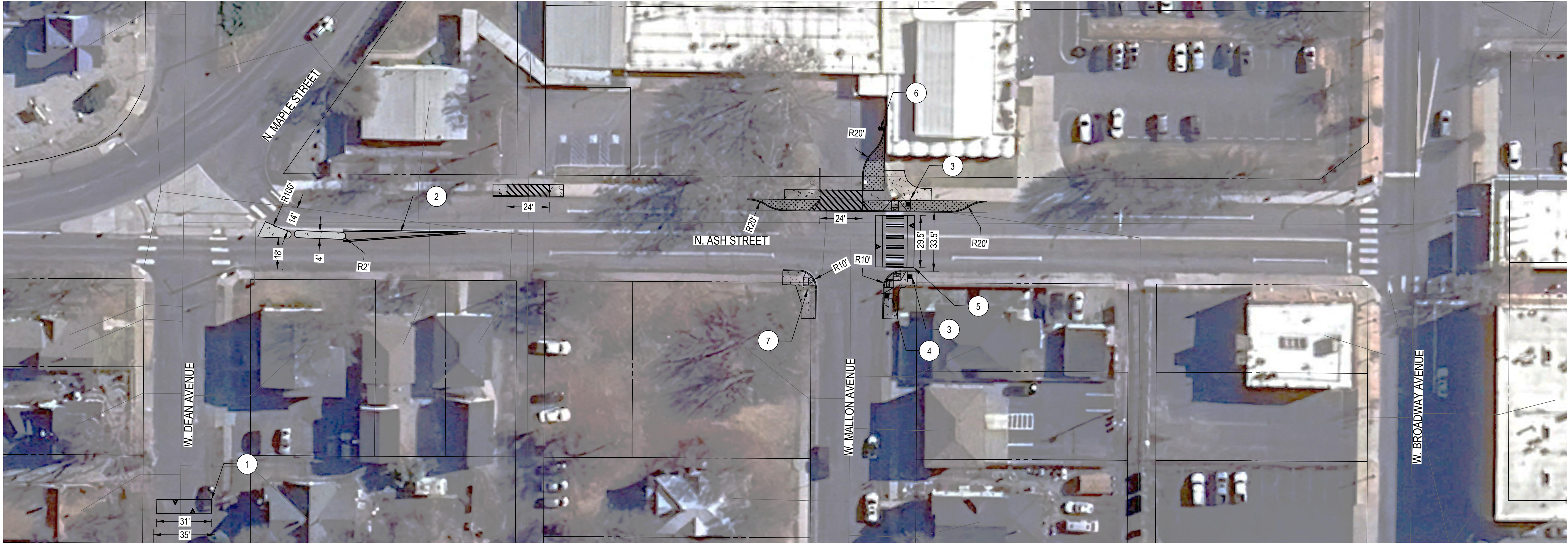


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
SHEET NAME: N. ALBERTA ST. DRISCOLL AVE. TO NORTHWEST BLVD.		PROJECT NO. N/A	GEO. LOCATION N/A
PROJECT LIMITS: DISTRICT 3			

 CONCEPTUAL ENGINEER'S ESTIMATE								
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>KMS</u>		
DESCRIPTION: <u>Alberta Street, Northwest Boulevard to Driscoll Boulevard</u>						CHECKED BY: <u>ANM</u>		
						DATE: <u>7/13/2026</u>		
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST	
1	2-01	-	MOBILIZATION	1	LS	\$ 30,100	\$ 30,100	
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 20,100	\$ 20,100	
3	3-02	-	REMOVE EXISTING CURB	250	LF	\$ 20	\$ 5,000	
4	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	200	SY	\$ 30	\$ 6,000	
5	3-02	-	SAWCUTTING CURB	8	EA	\$ 45	\$ 360	
6	3-02	-	SAWCUTTING PAVEMENT	265	LFI	\$ 2	\$ 530	
7	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	150	SY	\$ 25	\$ 3,750	
8	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	170	SY	\$ 40	\$ 6,800	
9	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	170	SY	\$ 40	\$ 6,800	
10	8-01		ESC LEAD	1	LS	\$ 2,200	\$ 2,200	
11	8-01	-	INLET PROTECTION	6	EA	\$ 130	\$ 780	
12	8-04	-	CEMENT CONC. CURB AND GUTTER	180	LF	\$ 45	\$ 8,100	
13	8-14	-	CEMENT CONC. SIDEWALK	170	SY	\$ 120	\$ 20,400	
14	-	-	TRAFFIC ISLAND CONCRETE	28	SY	\$ 120	\$ 3,376	
15	8-14	-	RAMP DETECTABLE WARNING	64	SF	\$ 30	\$ 1,920	
16	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, ALBERTA & LIBERTY	1	LS	\$ 50,000	\$ 50,000	
17	8-20	-	RECTANGULAR RAPID FLASHING BEACON SYSTEM, COCHRAN & LIBERTY	1	LS	\$ 50,000	\$ 50,000	
18	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 6,500	\$ 6,500	
19	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	120	SF	\$ 10	\$ 1,195	
20	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	1,455	SF	\$ 15	\$ 21,829	
						SUBTOTAL	\$ 250,740	
CONTINGENCY						30%	\$ 75,230	
						CONSTRUCTION TOTAL (ROUNDED)	\$ 326,000	
						FINAL DESIGN FEE	12%	\$ 39,120
						CONSTRUCTION MANAGEMENT	15%	\$ 48,900
						SUBTOTAL	\$ 88,020	
						GRAND TOTAL (ROUNDED)	\$ 414,000	

DRAFT



LEGEND:

- PROPERTY LINE
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
- PROPOSED DRIVEWAY IMPROVEMENTS PER COS STD PLAN SECTION F
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PROPOSED STORM DRAIN PIPE
- PROPOSED CATCH BASIN

CONSTRUCTION NOTES:

- INSTALL SPEED HUMP WITH MARKING.
- INSTALL CENTER LINE PER COS STD PLAN SECTION G.
- REMOVE AND REPLACE S1-2 AND W16-7P SIGNS PER COS STD PLAN SECTION G.
- REMOVE AND REPLACE R1-1 AND STREET NAME SIGNS PER COS STD PLAN SECTION G.
- INSTALL RAISED CROSSWALK WITH MARKINGS.
- INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY PER COS STD PLAN SECTION B. CONNECT TO EXISTING PIPE, INLET, MANHOLE, OR PROPOSED CATCH BASIN WHERE SHOWN.
- PROTECT EXISTING UTILITY POLE.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

**BID DRAWING
NOT FOR CONSTRUCTION**

1
1 of 1

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV.: N/A	BENCH MARK LOCATION: N/A	
			CBM NO.: N/A		
			NAVD88 DATUM	SCALE	
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE 1"= 30'
				VERTICAL SCALE (22 x 34)	N/A

CURRENT C.O.S. DESIGN
STANDARDS ADOPTED JAN. 2022



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

DRAWN: RAD 08/2026
APPROVED: ANM 08/2026

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME:
N. ASH ST.
W. DEAN AVE. TO W. BROADWAY AVE.

PROJECT LIMITS: DISTRICT 3

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. GEO. LOCATION

N/A N/A

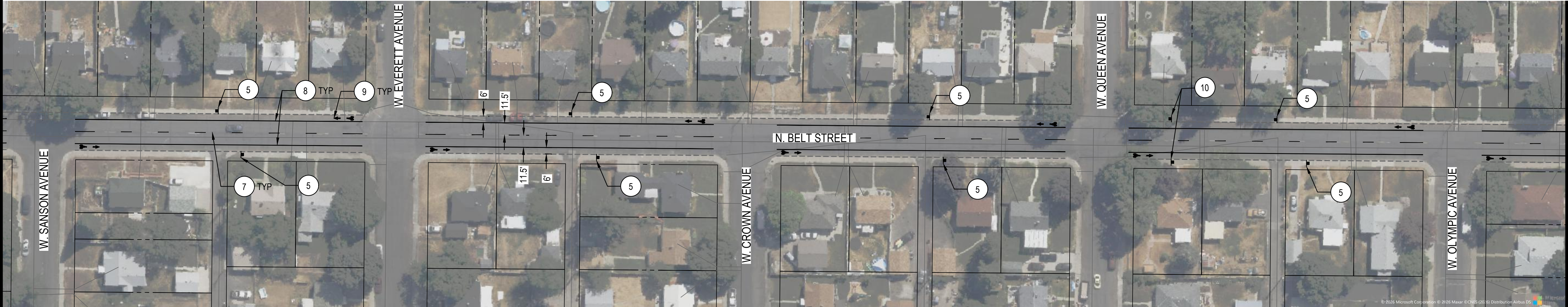
CALL 811 BEFORE YOU DIG or 1-800-424-5555

DOWL CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: Spokane Traffic Calming Master Plan						BY: RAD	
DESCRIPTION: Ash Street, Dean Avenue to Broadway Avenue						CHECKED BY: ANM	
						DATE: 7/13/2026	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 24,300	\$ 24,300
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 16,200	\$ 16,200
4	3-02	-	REMOVE EXISTING CURB	280	LF	\$ 20	\$ 5,600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	140	SY	\$ 30	\$ 4,200
6	3-02	-	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	1	EA	\$ 2,000	\$ 2,000
7	3-02	-	SAWCUTTING CURB	10	EA	\$ 45	\$ 450
8	3-02	-	SAWCUTTING PAVEMENT	1,234	LF	\$ 2	\$ 2,468
9	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	150	SY	\$ 25	\$ 3,750
10	4-05	-	CSTC FOR DRIVEWAYS, 4 INCH THICK	60	SY	\$ 55	\$ 3,300
11	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	200	SY	\$ 40	\$ 8,000
12	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	540	SY	\$ 40	\$ 21,600
13	-	-	REMOVE EXISTING TRAFFIC ISLAND CONCRETE	10	SY	\$ 100	\$ 1,000
14	7-05	-	CATCH BASIN TYPE 1	1	EA	\$ 3,500	\$ 3,500
15	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	1	EA	\$ 1,500	\$ 1,500
16	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	40	LF	\$ 110	\$ 4,400
17	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	1	EA	\$ 1,000	\$ 1,000
18	8-01		ESC LEAD	1	LS	\$ 1,500	\$ 1,500
19	8-01	-	INLET PROTECTION	1	EA	\$ 130	\$ 130
20	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	90	SY	\$ 20	\$ 1,800
21	8-02	-	HYDROSEEDING	90	SY	\$ 20	\$ 1,800
22	8-02	-	SOD INSTALLATION	90	SY	\$ 30	\$ 2,700
23	8-04	-	CEMENT CONC. CURB AND GUTTER	330	LF	\$ 45	\$ 14,850
24	8-06	-	CEMENT CONCRETE DRIVEWAY	60	SY	\$ 110	\$ 6,600
25	8-14	-	CEMENT CONC. SIDEWALK	150	SY	\$ 120	\$ 18,000
26	-	-	TRAFFIC ISLAND CONCRETE	25	SY	\$ 120	\$ 3,000
27	8-14	-	RAMP DETECTABLE WARNING	32	SF	\$ 30	\$ 960
28	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 6,000	\$ 6,000
29	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	190	SF	\$ 10	\$ 1,900
30	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	300	SF	\$ 15	\$ 4,500
31	-	-	SPEED HUMP	30	SY	\$ 200	\$ 6,000
32	-	-	RAISED CROSSWALK	80	SY	\$ 300	\$ 24,000
						SUBTOTAL	\$ 202,008
CONTINGENCY						30%	\$ 60,610
						CONSTRUCTION TOTAL (ROUNDED)	\$ 263,000
FINAL DESIGN FEE						12%	\$ 31,560
CONSTRUCTION MANAGEMENT						15%	\$ 39,450
						SUBTOTAL	\$ 71,010
						GRAND TOTAL (ROUNDED)	\$ 334,000

DRAFT

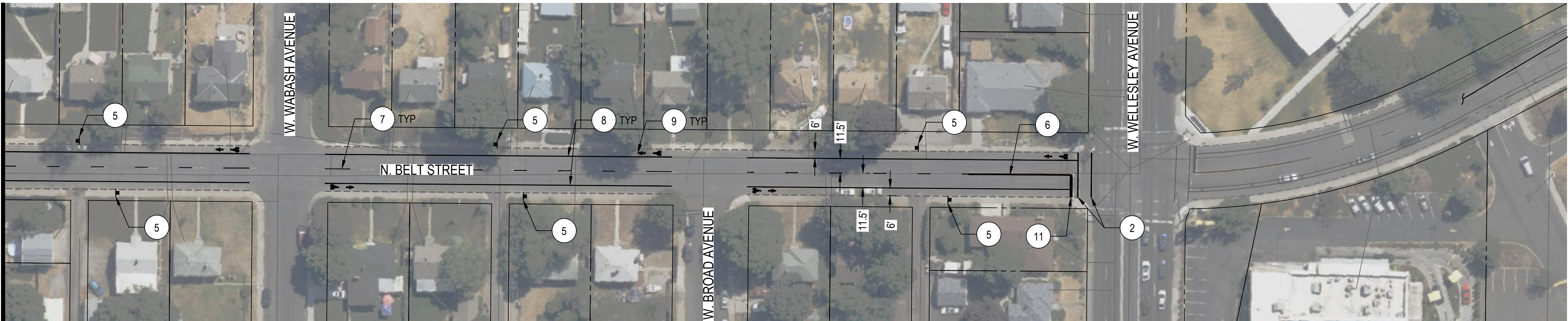
C:\cowl_p\0411089\WC-CT-15246-C26.dwg PLOT DATE: Aug 10, 2026 - 1:03PM

SEE MATCHLINE PREVIOUS SHEET



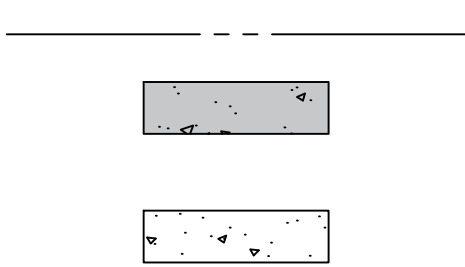
SEE MATCHLINE BELOW

SEE MATCHLINE ABOVE



RECENT BELT STREET BICYCLE NETWORK UPGRADE NOT CAPTURED IN AERIAL.

LEGEND:



PROPERTY LINE
PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL "STOP HERE ON RED" SIGN R10-6, STOP LINE, AND WIDE WHITE LINE PER COS STD PLAN SECTION G.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- INSTALL PEDESTRIAN HYBRID BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J. SEPARATE PEDESTRIAN PUSH BUTTON POLES AND FOUNDATIONS MAY BE NEEDED.
- INSTALL BICYCLE PUSH BUTTON POLE AND FOUNDATION PER COS STD PLAN SECTION J.
- INSTALL "NO PARKING BIKE LANE" SIGN R7-9A PER COS STD PLAN SECTION G.
- INSTALL DOUBLE YELLOW CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL YELLOW SKIP CENTER LINE MARKING PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE MARKING PER COS STD PLAN SECTION G..
- INSTALL BIKE LANE SYMBOL PER COS STD PLAN SECTION G.
- INSTALL SPEED FEEDBACK SIGN PER COS STD PLAN SECTION J.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- COORDINATION NEEDED ON POTENTIAL OVERHEAD UTILITY CONFLICTS. REMOVE EXISTING LUMINAIRE.
- ADA UPGRADES TO BE DETERMINED AT LATER DESIGN STAGE PENDING DECISION REGARDING FULL SIGNAL OR PHB, ROW TAKE, AND UTILITY CONFLICTS.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		
			NAVD88 ELEV.: N/A	2502550 SCALE IN FEET	
			CBM NO.: N/A		
			NAVD88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT			
			SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 50'	CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022
				VERTICAL SCALE (22 x 34) N/A	BY DATES
					DRAWN: DRV 08/2026
					APPROVED: ANM 08/2026

CITY OF SPOKANE



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700



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PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN	
SHEET NAME: N. BELT ST. - OPTION 1 PHB	
W. FRANCIS AVE. TO W. WELLESLEY AVE.	
PROJECT LIMITS: DISTRICT 3	
TYPE OF IMPROVEMENT: TRAFFIC	
PROJECT NO. N/A	GEO. LOCATION N/A



CONCEPTUAL ENGINEER'S ESTIMATE

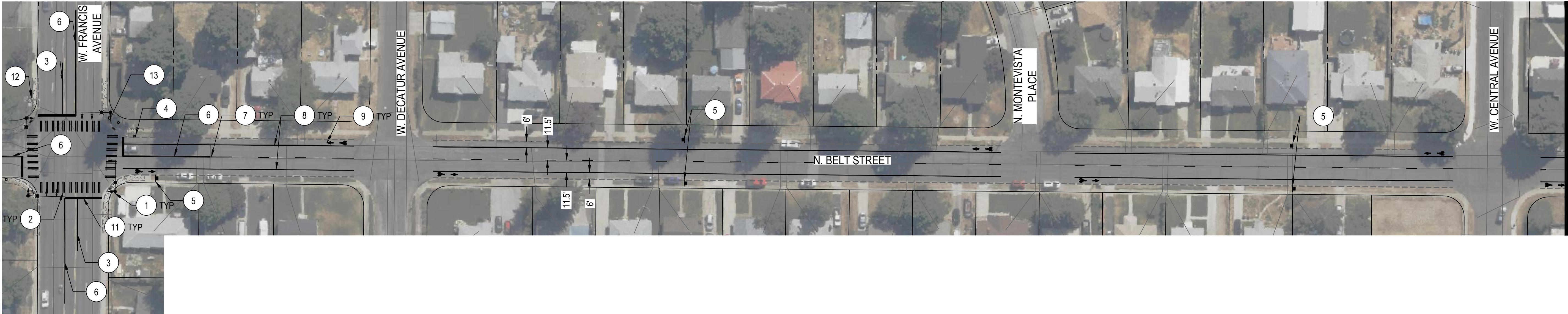
PROJECT: Spokane Traffic Calming Master Plan
DESCRIPTION: Belt Street, Francis Avenue to Wellesley Avenue
Option 1: Pedestrian Hybrid Beacon System at Francis

BY: DRV
CHECKED BY: ANM
DATE: 7/8/2026

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 73,700	\$ 73,700
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 49,100	\$ 49,100
3	3-02	-	REMOVE EXISTING CURB	40	LF	\$ 20	\$ 800
4	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
5	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180
6	3-02	-	SAWCUTTING PAVEMENT	223	LFI	\$ 2	\$ 446
7	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	20	SY	\$ 25	\$ 500
8	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	60	SY	\$ 40	\$ 2,400
9	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	150	SY	\$ 40	\$ 6,000
10	8-01		ESC LEAD	1	LS	\$ 8,200	\$ 8,200
11	8-01	-	INLET PROTECTION	23	EA	\$ 130	\$ 2,990
12	8-04	-	CEMENT CONC. CURB AND GUTTER	40	LF	\$ 45	\$ 1,800
13	8-14	-	CEMENT CONC. SIDEWALK	20	SY	\$ 120	\$ 2,400
14	-	-	TRAFFIC ISLAND CONCRETE	90	SY	\$ 120	\$ 10,800
15	8-14	-	RAMP DETECTABLE WARNING	36	SF	\$ 30	\$ 1,080
16	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, FRANCIS AND BELT	1	LS	\$ 150,000	\$ 150,000
17	8-20	-	SPEED FEEDBACK SYSTEM, CENTRAL AND BELT	1	LS	\$ 50,000	\$ 50,000
18	8-20	-	SPEED FEEDBACK SYSTEM, QUEEN AND BELT	1	LS	\$ 50,000	\$ 50,000
19	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 5,000	\$ 5,000
20	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	4,865	SF	\$ 10	\$ 48,648
21	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	6,085	SF	\$ 15	\$ 91,275
22	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	26	EA	\$ 400	\$ 10,400
23	-	-	ADDITIONAL FRANCIS AND BELT CURB RAMP UPGRADES	1	LS	\$ 40,000	\$ 40,000
24	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
SUBTOTAL							\$ 613,719
CONTINGENCY 35%							\$ 214,810
CONSTRUCTION TOTAL (ROUNDED)							\$ 829,000
FINAL DESIGN FEE 15%							\$ 124,350
CONSTRUCTION MANAGEMENT 15%							\$ 124,350
SUBTOTAL							\$ 248,700
GRAND TOTAL (ROUNDED)							\$ 1,078,000

DRAFT

C:\dowl_p\w\0441089\WC-CT-15246-C262.dwg PLOT DATE: Aug 10, 2026 - 2:02PM



SEE MATCHLINE BELOW



SEE MATCHLINE ABOVE

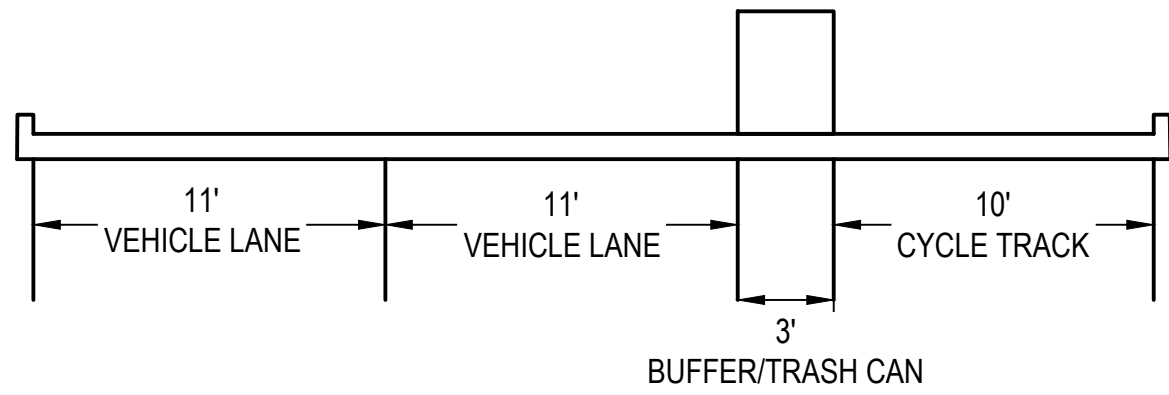
SEE MATCHLINE NEXT SHEET

LEGEND:

----- PROPERTY LINE

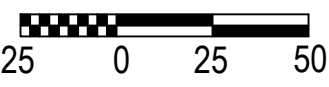
CONSTRUCTION NOTES:

1. INSTALL TRAFFIC SIGNAL AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
2. INSTALL CROSSWALK PER COS STD PLAN SECTION G.
3. INSTALL WIDE WHITE LINE PER COS STD PLAN SECTION G.
4. INSTALL BICYCLE PUSH BUTTON POLE AND FOUNDATION PER COS STD PLAN SECTION J.
5. INSTALL "NO PARKING BIKE LANE" SIGN R7-9A PER COS STD PLAN SECTION G.
6. INSTALL DOUBLE YELLOW CENTER LINE PER COS STD PLAN SECTION G.
7. INSTALL YELLOW SKIP CENTER LINE MARKING PER COS STD PLAN SECTION G.
8. INSTALL BIKE LANE MARKING PER COS STD PLAN SECTION G..
9. INSTALL BIKE LANE SYMBOL PER COS STD PLAN SECTION G.
10. INSTALL SPEED FEEDBACK SIGN PER COS STD PLAN SECTION J.
11. INSTALL STOP LINE PER COS STD PLAN SECTION G.
12. COORDINATION NEEDED ON POTENTIAL OVERHEAD UTILITY CONFLICTS. REMOVE EXISTING LUMINAIRE.
13. ADA UPGRADES TO BE DETERMINED AT LATER DESIGN STAGE PENDING DECISION REGARDING FULL SIGNAL OR PHB, ROW TAKE, AND UTILITY CONFLICTS.



ALTERNATIVE STRIPING SECTION - CYCLE TRACK
ASSUMES 3'-10" TALL X 3' DEEP TRASH CAN

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS				NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)						
					BENCH MARK LOCATION: N/A N/A N/A		CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700
							BY DATES			
							DRAWN: DRV 08/2026			
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	NAVD88 DATUM		SCALE	HORIZONTAL SCALE (22 x 34) PLAN & PROFILE 1"= 50'	VERTICAL SCALE (22 x 34) N/A	APPROVED: ANM 08/2026		



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

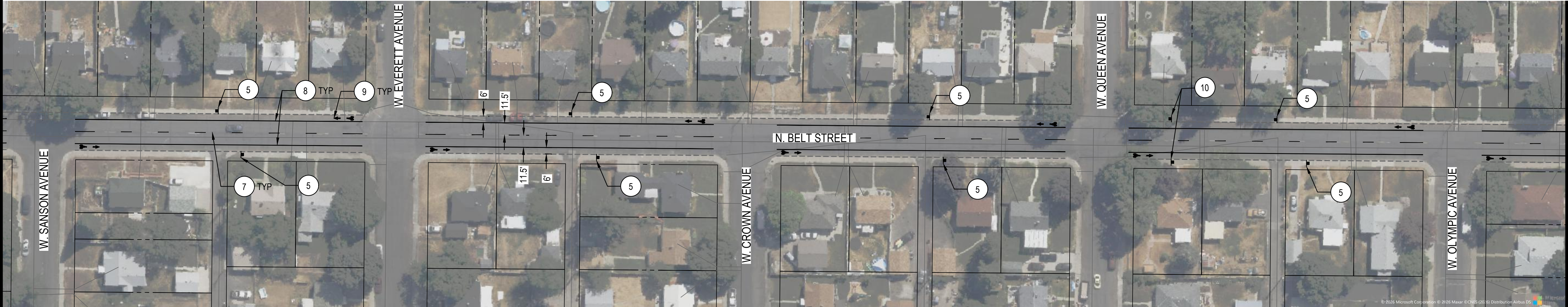
PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN			
SHEET NAME: N. BELT ST. - OPTION 2 SIGNAL W. FRANCIS AVE. TO W. WELLESLEY AVE. PROJECT LIMITS: DISTRICT 3		TYPE OF IMPROVEMENT: TRAFFIC	
		PROJECT NO.	GEO. LOCATION
		N/A	N/A

**BID DRAWING
NOT FOR CONSTRUCTION**

1
1 of 2

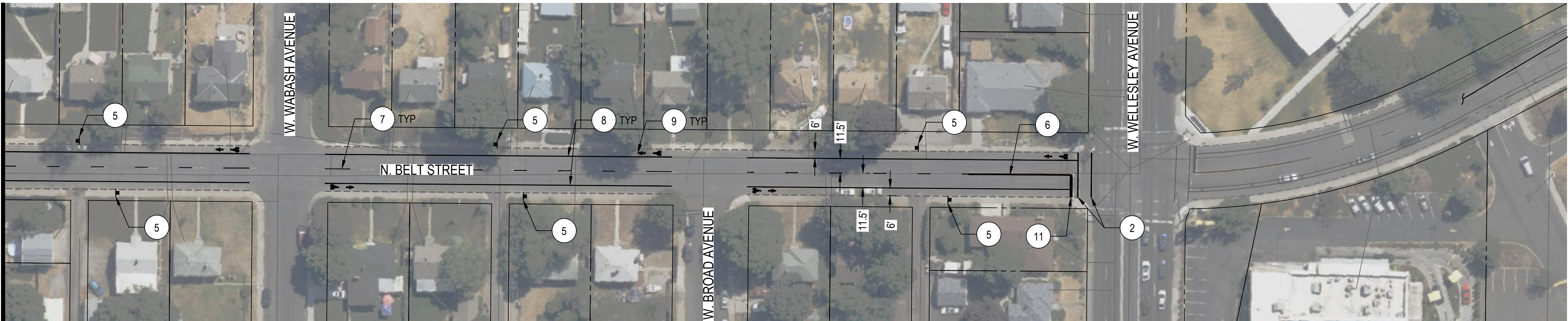
C:\cowl_p\0441089\WC-CT-15246-C26.dwg PLOT DATE: Aug 10, 2026 - 1:03PM

SEE MATCHLINE PREVIOUS SHEET



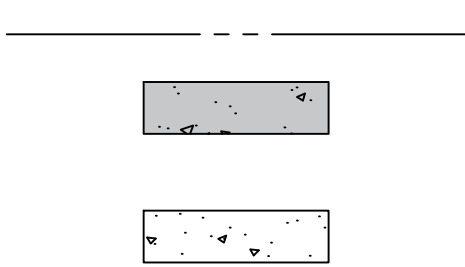
SEE MATCHLINE BELOW

SEE MATCHLINE ABOVE



RECENT BELT STREET BICYCLE NETWORK UPGRADE NOT CAPTURED IN AERIAL.

LEGEND:



PROPERTY LINE
PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL "STOP HERE ON RED" SIGN R10-6, STOP LINE, AND WIDE WHITE LINE PER COS STD PLAN SECTION G.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- INSTALL PEDESTRIAN HYBRID BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J. SEPARATE PEDESTRIAN PUSH BUTTON POLES AND FOUNDATIONS MAY BE NEEDED.
- INSTALL BICYCLE PUSH BUTTON POLE AND FOUNDATION PER COS STD PLAN SECTION J.
- INSTALL "NO PARKING BIKE LANE" SIGN R7-9A PER COS STD PLAN SECTION G.
- INSTALL DOUBLE YELLOW CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL YELLOW SKIP CENTER LINE MARKING PER COS STD PLAN SECTION G.
- INSTALL BIKE LANE MARKING PER COS STD PLAN SECTION G..
- INSTALL BIKE LANE SYMBOL PER COS STD PLAN SECTION G.
- INSTALL SPEED FEEDBACK SIGN PER COS STD PLAN SECTION J.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- COORDINATION NEEDED ON POTENTIAL OVERHEAD UTILITY CONFLICTS. REMOVE EXISTING LUMINAIRE.
- ADA UPGRADES TO BE DETERMINED AT LATER DESIGN STAGE PENDING DECISION REGARDING FULL SIGNAL OR PHB, ROW TAKE, AND UTILITY CONFLICTS.

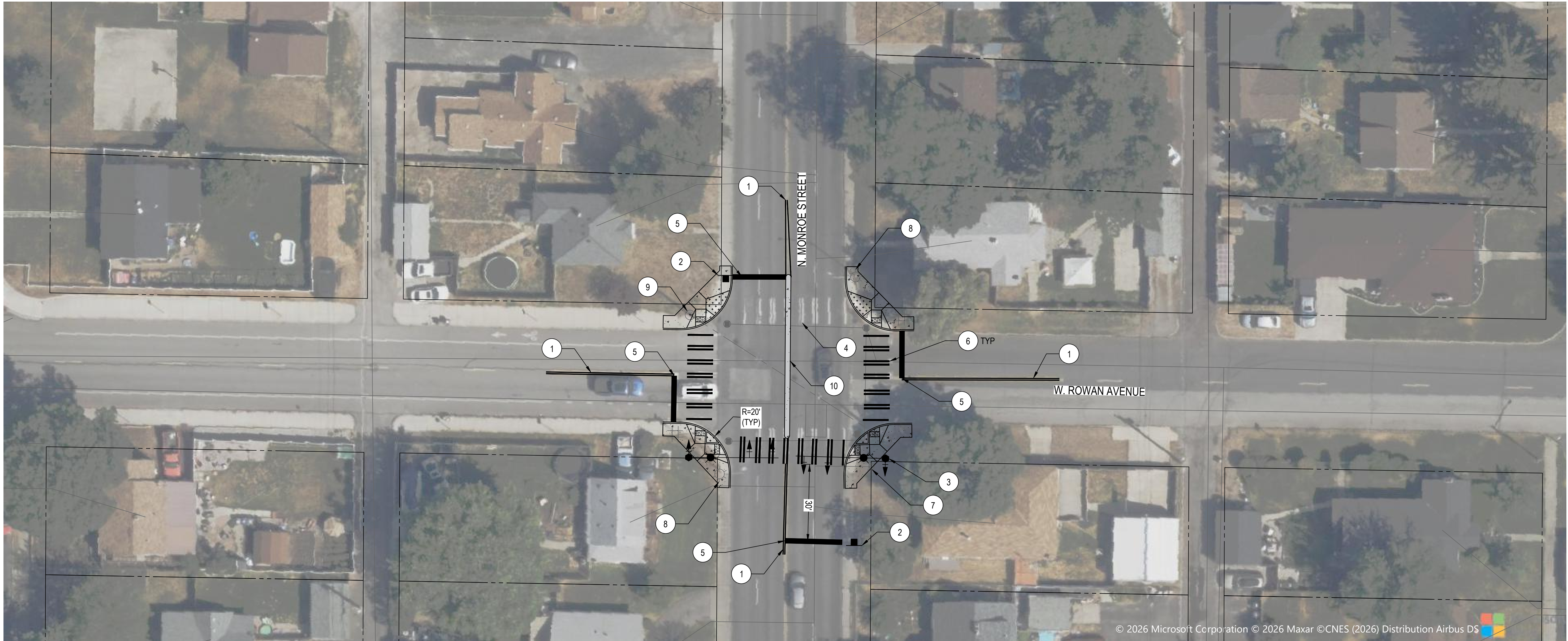
RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)			CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6700		
			NAVD88 ELEV. : N/A	 SCALE IN FEET	BENCH MARK LOCATION: N/A	BY: DRV APPROVED: ANM	DATES: 08/2026 08/2026				
			CBM NO. : N/A								
			NAVD88 DATUM								
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT				SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE	1"= 50'		

PRELIMINARY ONLY NOT FOR CONSTRUCTION DATE:	BID DRAWING NOT FOR CONSTRUCTION 2 2 of 2	
	PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN	
SHEET NAME: N. BELT ST. - OPTION 1 PHB W. FRANCIS AVE. TO W. WELLESLEY AVE. PROJECT LIMITS: DISTRICT 3	TYPE OF IMPROVEMENT: TRAFFIC	
	PROJECT NO.	GEO. LOCATION
	N/A	N/A

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: Spokane Traffic Calming Master Plan						BY: DRV	
DESCRIPTION: Belt Street, Francis Avenue to Wellesley Avenue						CHECKED BY: ANM	
		Option 2: Traffic Signal System at Francis				DATE: 7/8/2026	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 120,600	\$ 120,600
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 80,400	\$ 80,400
3	8-01		ESC LEAD	1	LS	\$ 8,200	\$ 8,200
4	8-01	-	INLET PROTECTION	23	EA	\$ 130	\$ 2,990
5	8-20	-	TRAFFIC SIGNAL SYSTEM, FRANCIS AND BELT	1	LS	\$ 450,000	\$ 450,000
6	8-20	-	SPEED FEEDBACK SYSTEM, CENTRAL AND BELT	1	LS	\$ 50,000	\$ 50,000
7	8-20	-	SPEED FEEDBACK SYSTEM, QUEEN AND BELT	1	LS	\$ 50,000	\$ 50,000
8	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 4,000	\$ 4,000
9	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	5,195	SF	\$ 10	\$ 51,945
10	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	6,085	SF	\$ 15	\$ 91,275
11	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	26	EA	\$ 400	\$ 10,400
12	-	-	ADDITIONAL FRANCIS AND BELT CURB RAMP UPGRADES	1	LS	\$ 80,000	\$ 80,000
13	-	-	EXISTING UTILITIES RELOCATION COORDINATION	1	LS	\$ 5,000	\$ 5,000
						SUBTOTAL	\$ 1,004,810
CONTINGENCY						35%	\$ 351,690
						CONSTRUCTION TOTAL (ROUNDED)	\$ 1,357,000
						FINAL DESIGN FEE	15%
						CONSTRUCTION MANAGEMENT	15%
						SUBTOTAL	\$ 407,100
						GRAND TOTAL (ROUNDED)	\$ 1,764,000

DRAFT



LEGEND:

- PROPERTY LINE
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- PLANTER AREA
- PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

- INSTALL CENTER LINE PER COS STD PLAN SECTION G.
- INSTALL "STOP HERE ON RED" SIGN R10-6 PER COS STD PLAN SECTION G.
- INSTALL PEDESTRIAN HYBRID BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J..
- REMOVE EXISTING CROSSWALK.
- INSTALL STOP LINE PER COS STD PLAN SECTION G.
- INSTALL CROSSWALK PER COS STD PLAN SECTION G.
- REMOVE AND REPLACE EXISTING HYDRANT.
- EXISTING LUMINAIRE TO REMAIN.
- REMOVE EXISTING CROSSWALK WARNING BEACON SYSTEM AND POLES.
- INSTALL NARROW TRAFFIC ISLAND WITH CURB MARKINGS AND/OR TURN RESTRICTION SIGNS.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 1

DATE:

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: N. MONROE ST. AND W. ROWAN AVE.

PROJECT LIMITS: DISTRICT 3

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. GEO. LOCATION

N/A N/A

REVISIONS - RECORD DWG STATUS			NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)			CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022			CITY OF SPOKANE		
			NAVD88 ELEV. : N/A								
			CBM NO. : N/A								
			NAVD88 DATUM								
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT				SCALE	HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE	1"= 20'	DRAWN: DRV	DATES
							VERTICAL SCALE (22 x 34)		N/A	APPROVED: ANM	08/2026

C:\dowl_jw\0441089\WC-CT-15246-C27.dwg PLOT DATE: Aug 28, 2026 - 4:47PM

DOWL CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Monroe Street and Rowan Avenue</u>						CHECKED BY: <u>RAS</u>	
						DATE: <u>6/19/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 37,800	\$ 37,800
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 5,000	\$ 5,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 25,200	\$ 25,200
4	3-02	-	REMOVE EXISTING CURB	180	LF	\$ 20	\$ 3,600
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	8	EA	\$ 45	\$ 360
7	3-02	-	SAWCUTTING PAVEMENT	260	LFI	\$ 2	\$ 520
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	140	SY	\$ 25	\$ 3,500
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	100	SY	\$ 40	\$ 4,000
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	140	SY	\$ 40	\$ 5,600
11	7-14	-	HYDRANT ASSEMBLY	1	EA	\$ 10,000	\$ 10,000
12	8-01		ESC LEAD	1	LS	\$ 5,100	\$ 5,100
13	8-01	-	INLET PROTECTION	4	EA	\$ 130	\$ 520
14	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	20	SY	\$ 20	\$ 400
15	8-02	-	HYDROSEEDING	20	SY	\$ 20	\$ 400
16	8-02	-	SOD INSTALLATION	20	SY	\$ 30	\$ 600
17	8-04	-	CEMENT CONC. CURB AND GUTTER	180	LF	\$ 45	\$ 8,100
18	8-14	-	CEMENT CONC. SIDEWALK	130	SY	\$ 120	\$ 15,600
19	-	-	TRAFFIC ISLAND CONCRETE	30	SY	\$ 120	\$ 3,600
20	8-14	-	RAMP DETECTABLE WARNING	48	SF	\$ 30	\$ 1,440
21	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, MONROE & ROWAN	1	LS	\$ 150,000	\$ 150,000
22	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,500	\$ 3,500
23	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	555	SF	\$ 10	\$ 5,550
24	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	735	SF	\$ 15	\$ 11,025
25	-	-	REMOVE EXISTING CROSSWALK WARNING BEACON SYSTEM	1	LS	\$ 10,000	\$ 10,000
SUBTOTAL							\$ 314,415
CONTINGENCY 30%							\$ 94,330
ROW							\$ 10,000
CONSTRUCTION TOTAL (ROUNDED)							\$ 409,000
FINAL DESIGN FEE 15%							\$ 61,350
CONSTRUCTION MANAGEMENT 15%							\$ 61,350
SUBTOTAL							\$ 122,700
GRAND TOTAL (ROUNDED)							\$ 532,000

DRAFT



LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

1. INSTALL SPEED HUMP WITH MARKING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

PRELIMINARY ONLY
NOT FOR CONSTRUCTION

DATE:

BID DRAWING
NOT FOR CONSTRUCTION

1
1 of 2

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME:

N. NORTHWEST BLVD.
ASSEMBLY ST. TO ROYAL CT.

PROJECT LIMITS: DISTRICT 3

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO.	GEO. LOCATION
N/A	N/A

REVISIONS - RECORD DWG STATUS			NAV88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)		
			NAV88 ELEV. : N/A	 SCALE IN FEET	
			CBM NO. : N/A		
			NAV88 DATUM	SCALE	
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT		HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE 1"= 30'
				VERTICAL SCALE (22 x 34)	N/A
			CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022		
			BY DATES		
			DRAWN: AAE	08/2026	
			APPROVED: ANM	08/2026	



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

C:\dowl_jw\0441089\WC-CT-15246-C28.dwg PLOT DATE: Aug 23, 2026 - 11:08AM



LEGEND:

- PROPERTY LINE
- PLANTER AREA
- PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F

CONSTRUCTION NOTES:

1. INSTALL SPEED HUMP WITH MARKING.

DRAFT

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

**BID DRAWING
NOT FOR CONSTRUCTION**

2
2 of 2

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN

SHEET NAME: N. NORTHWEST BLVD.
ASSEMBLY ST. TO ROYAL CT.

PROJECT LIMITS: DISTRICT 3

TYPE OF IMPROVEMENT: TRAFFIC

PROJECT NO. N/A

GEO. LOCATION N/A

REVISIONS - RECORD DWG STATUS			NAV88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88)		
			NAV88 ELEV. : N/A	1501530 SCALE IN FEET	
			CBM NO. : N/A		
			NAV88 DATUM		
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT	SCALE	HORIZONTAL SCALE (22 x 34) VERTICAL SCALE (22 x 34)	PLAN & PROFILE 1"= 30' N/A

CURRENT C.O.S. DESIGN
STANDARDS ADOPTED JAN. 2022

BY
AAE

DATES
08/2026

DRAWN: AAE

APPROVED: ANM

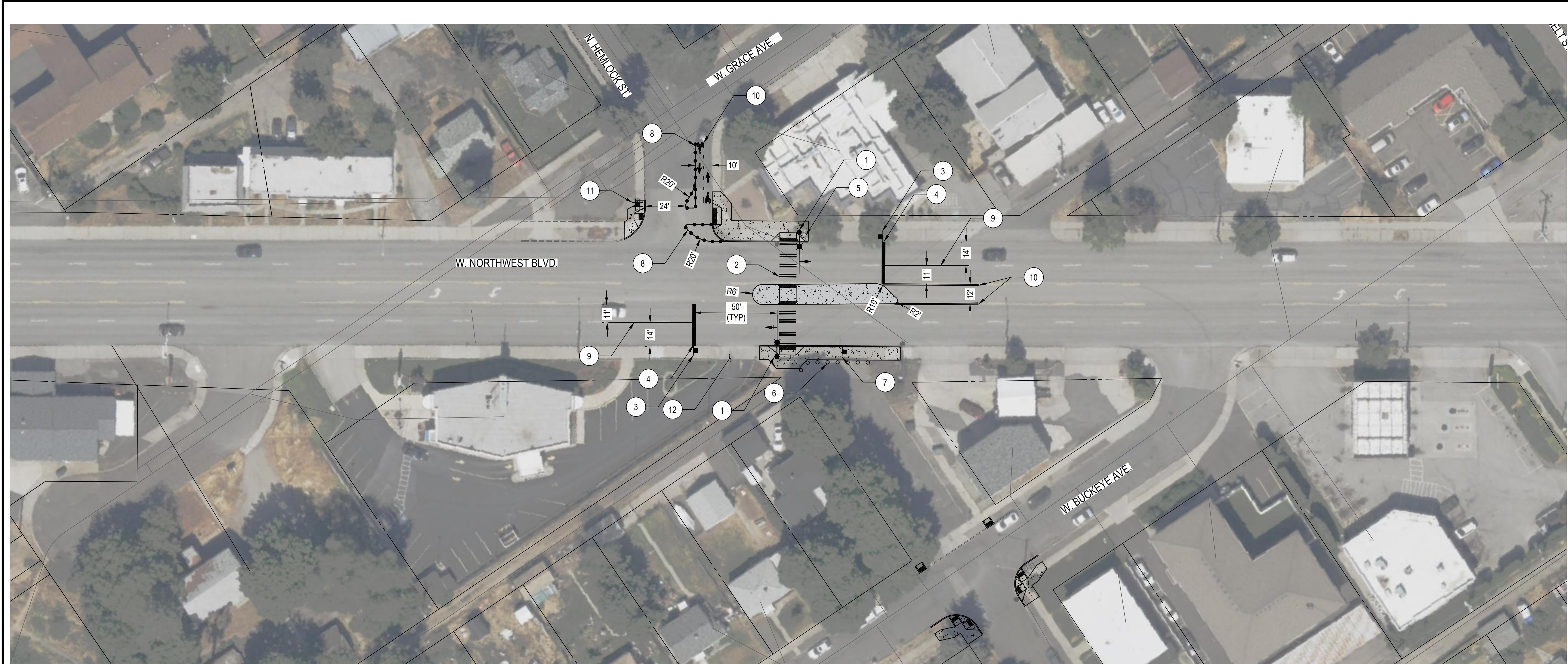
CITY OF SPOKANE

CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

C:\dowl_jw\0441089\WC-CT-15246-C28.dwg PLOT DATE: Aug 13, 2026 - 4:40PM

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>AAE</u>	
DESCRIPTION: <u>Northwest Boulevard, Assembly Street to Royal Court</u>						CHECKED BY: <u>ANM</u>	
						DATE: <u>7/22/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 10,300	\$ 10,300
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 2,500	\$ 2,500
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 6,900	\$ 6,900
4	3-02	-	REMOVE EXISTING CURB	120	LF	\$ 20	\$ 2,400
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	100	SY	\$ 30	\$ 3,000
6	3-02	-	SAWCUTTING CURB	4	EA	\$ 45	\$ 180
7	3-02	-	SAWCUTTING PAVEMENT	472	LFI	\$ 2	\$ 944
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	70	SY	\$ 25	\$ 1,750
9	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	70	SY	\$ 40	\$ 2,800
10	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	210	SY	\$ 40	\$ 8,400
11	8-01		ESC LEAD	1	LS	\$ 1,100	\$ 1,100
12	8-01	-	INLET PROTECTION	6	EA	\$ 130	\$ 780
13	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	50	SY	\$ 20	\$ 1,000
14	8-02	-	HYDROSEEDING	50	SY	\$ 20	\$ 1,000
15	8-02	-	SOD INSTALLATION	50	SY	\$ 30	\$ 1,500
16	8-04	-	CEMENT CONC. CURB AND GUTTER	130	LF	\$ 45	\$ 5,850
17	8-14	-	CEMENT CONC. SIDEWALK	70	SY	\$ 120	\$ 8,400
18	8-14	-	RAMP DETECTABLE WARNING	16	SF	\$ 30	\$ 480
19	-	-	SPEED HUMP	130	SY	\$ 200	\$ 26,000
						SUBTOTAL	\$ 85,284
CONTINGENCY						30%	\$ 25,590
						CONSTRUCTION TOTAL (ROUNDED)	\$ 111,000
FINAL DESIGN FEE						12%	\$ 13,320
CONSTRUCTION MANAGEMENT						15%	\$ 16,650
						SUBTOTAL	\$ 29,970
						GRAND TOTAL (ROUNDED)	\$ 141,000

DRAFT



LEGEND:

- PROPERTY LINE
- [Pattern] PROPOSED SIDEWALK IMPROVEMENTS PER COS STD PLAN SECTION F
- [Pattern] PROPOSED TRAFFIC ISLAND CONCRETE PER COS STD PLAN SECTION F
- [Pattern] PLANTER AREA

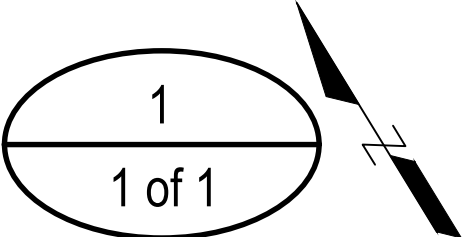
CONSTRUCTION NOTES:

1. INSTALL PEDESTRIAN HYBRID BEACON AND FOUNDATION PER COS STD PLAN SECTIONS G AND J.
2. INSTALL CROSSWALK PER COS STD PLAN SECTION G.
3. INSTALL "STOP HERE ON RED" SIGN R10-6 PER COS STD PLAN SECTION G.
4. INSTALL STOP LINE PER COS STD PLAN SECTION G.
5. REMOVE EXISTING LUMINAIRE..
6. REMOVE EXISTING GUARDRAIL AND INSTALL BOLLARDS.
7. ADJUST EXISTING BUS STOP SIGN ASSEMBLY.
8. INSTALL WHITE LINE WITH CHANNELIZERS PER COS STD PLAN SECTION G.
9. INSTALL WHITE LINE PER COS STD PLAN SECTION G.
10. INSTALL YELLOW LINE PER COS STD PLAN SECTION G.
11. INSTALL STOP SIGN AND STREET NAME SIGNS PER COS STD PLAN SECTION G.
12. DESIGN OPTION - RE-ALIGN DRIVEWAY TO PROVIDE ADDITIONAL LENGTH FOR PEDESTRIAN REFUGE ISLAND.

RIGHT OF WAY LINES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

**BID DRAWING
NOT FOR CONSTRUCTION**



REVISIONS - RECORD DWG STATUS				NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)			
				NAVD88 ELEV.: N/A	150 0 150 300 SCALE IN FEET		
				CBM NO.: N/A			
				NAVD88 DATUM			
DATE	BY	DESCRIPTION - INCLUDE PROJ. # IF DIFFERENT			BENCH MARK LOCATION: N/A	CURRENT C.O.S. DESIGN STANDARDS ADOPTED JAN. 2022	
					N/A	BY	DATES
					N/A	DRAWN: KMS	07/2026
					SCALE	APPROVED: ANM	07/2026
					HORIZONTAL SCALE (22 x 34)	PLAN & PROFILE 1"= 30'	
					VERTICAL SCALE (22 x 34)	N/A	



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343 (509) 625-6700

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN			
SHEET NAME:		TYPE OF IMPROVEMENT: TRAFFIC	
W. NORTHWEST BLVD. N. TJ MEENACH DR. TO N. ELM ST.		PROJECT NO.	GEO. LOCATION
PROJECT LIMITS: DISTRICT 3		N/A	N/A

		CONCEPTUAL ENGINEER'S ESTIMATE					
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>KMS</u>	
DESCRIPTION: <u>Northwest Boulevard - TJ Meenach Drive to Elm Street</u>						CHECKED BY: <u>ANM</u>	
						DATE: <u>7/14/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 47,000	\$ 47,000
2	2-01	-	CLEARING AND GRUBBING	1	LS	\$ 10,000	\$ 10,000
3	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 31,300	\$ 31,300
4	3-02	-	REMOVE EXISTING CURB	240	LF	\$ 20	\$ 4,800
5	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	300	SY	\$ 30	\$ 9,000
7	3-02	-	SAWCUTTING CURB	14	EA	\$ 45	\$ 630
8	3-02	-	SAWCUTTING PAVEMENT	607	LFI	\$ 2	\$ 1,214
9	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	250	SY	\$ 25	\$ 6,250
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	300	SY	\$ 40	\$ 12,000
11	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	310	SY	\$ 40	\$ 12,400
12	8-01		ESC LEAD	1	LS	\$ 5,900	\$ 5,900
13	8-01	-	INLET PROTECTION	3	EA	\$ 130	\$ 390
14	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	10	SY	\$ 20	\$ 200
15	8-02	-	HYDROSEEDING	10	SY	\$ 20	\$ 200
16	8-02	-	SOD INSTALLATION	10	SY	\$ 30	\$ 300
17	8-04	-	CEMENT CONC. CURB AND GUTTER	340	LF	\$ 45	\$ 15,300
18	8-10	-	CHANNELIZING DEVICES	21	EA	\$ 450	\$ 9,450
19	8-14	-	CEMENT CONC. SIDEWALK	250	SY	\$ 120	\$ 30,000
20	-	-	TRAFFIC ISLAND CONCRETE	110	SY	\$ 120	\$ 13,200
21	8-14	-	RAMP DETECTABLE WARNING	156	SF	\$ 30	\$ 4,680
22	8-20	-	PEDESTRIAN HYBRID BEACON SYSTEM, NORTHWEST AND HEMLOCK	1	LS	\$ 150,000	\$ 150,000
23	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 3,000	\$ 3,000
24	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	65	SF	\$ 10	\$ 650
25	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	435	SF	\$ 15	\$ 6,525
26	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	2	EA	\$ 400	\$ 800
27	-	-	BOLLARDS - FIXED	8	EA	\$ 2,000	\$ 16,000
						SUBTOTAL	\$ 391,189
CONTINGENCY						30%	\$ 117,360
						CONSTRUCTION TOTAL (ROUNDED)	\$ 509,000
						FINAL DESIGN FEE	15%
						CONSTRUCTION MANAGEMENT	15%
						SUBTOTAL	\$ 152,700
						GRAND TOTAL (ROUNDED)	\$ 662,000

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DOWL CONCEPTUAL ENGINEER'S ESTIMATE							
PROJECT: <u>Spokane Traffic Calming Master Plan</u>						BY: <u>DRV</u>	
DESCRIPTION: <u>Providence Avenue, Wall Street to Post Street</u>						CHECKED BY: <u>RAS</u>	
						DATE: <u>6/19/2026</u>	
NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	2-01	-	MOBILIZATION	1	LS	\$ 24,500	\$ 24,500
2	2-04	-	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 16,300	\$ 16,300
3	3-02	-	REMOVE EXISTING CURB	110	LF	\$ 20	\$ 2,200
4	3-02	-	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	110	SY	\$ 30	\$ 3,300
5	3-02	-	REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	1	EA	\$ 2,000	\$ 2,000
6	3-02	-	SAWCUTTING CURB	8	EA	\$ 45	\$ 360
7	3-02	-	SAWCUTTING PAVEMENT	690	LFI	\$ 2	\$ 1,380
8	4-05	-	CSTC FOR SIDEWALK, 2 INCH THICK	160	SY	\$ 25	\$ 4,000
9	4-05	-	CSTC FOR DRIVEWAYS, 4 INCH THICK	20	SY	\$ 55	\$ 1,100
10	5-04	-	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 4 INCH THICK	300	SY	\$ 40	\$ 12,000
11	5-04	-	HMA CL. 3/8 IN. MEDIUM TRAFFIC, 3 INCH THICK	100	SY	\$ 45	\$ 4,500
12	5-04	-	PAVEMENT REPAIR EXCAVATION INCL. HAUL	510	SY	\$ 40	\$ 20,400
13	7-05	-	CATCH BASIN TYPE 1	1	EA	\$ 3,500	\$ 3,500
14	7-05	-	MH OR DW FRAME AND COVER (STANDARD)	1	EA	\$ 1,500	\$ 1,500
15	7-08	-	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	70	LF	\$ 110	\$ 7,700
16	7-08	-	CONNECT 8 IN. DIA. PIPE TO EXISTING CB, DW, OR MH	2	EA	\$ 1,000	\$ 2,000
17	8-01	-	ESC LEAD	1	LS	\$ 2,700	\$ 2,700
18	8-01	-	INLET PROTECTION	3	EA	\$ 130	\$ 390
19	8-02	-	TOPSOIL TYPE A, 2 INCH THICK	170	SY	\$ 20	\$ 3,400
20	8-02	-	HYDROSEEDING	170	SY	\$ 20	\$ 3,400
21	8-02	-	SOD INSTALLATION	170	SY	\$ 30	\$ 5,100
22	8-04	-	CEMENT CONC. CURB AND GUTTER	610	LF	\$ 45	\$ 27,450
23	8-06	-	CEMENT CONCRETE DRIVEWAY	20	SY	\$ 110	\$ 2,200
24	8-14	-	CEMENT CONC. SIDEWALK	150	SY	\$ 120	\$ 18,000
25	-	-	TRAFFIC ISLAND CONCRETE	170	SY	\$ 120	\$ 20,400
26	8-14	-	RAMP DETECTABLE WARNING	32	SF	\$ 30	\$ 960
27	8-21	-	SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 2,000	\$ 2,000
28	8-22	-	REMOVAL OF EXISTING PAVEMENT MARKINGS	311	SF	\$ 10	\$ 3,110
29	8-22	-	PAVEMENT MARKING - DURABLE HEAT APPLIED	485	SF	\$ 15	\$ 7,275
30	8-22	-	WORD AND SYMBOL MARKINGS - DURABLE HEAT APPLIED	1	EA	\$ 400	\$ 400
						SUBTOTAL	\$ 203,525
CONTINGENCY						30%	\$ 61,060
						CONSTRUCTION TOTAL (ROUNDED)	\$ 265,000
FINAL DESIGN FEE						12%	\$ 31,800
CONSTRUCTION MANAGEMENT						15%	\$ 39,750
						SUBTOTAL	\$ 71,550
						GRAND TOTAL (ROUNDED)	\$ 337,000

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