

LEGEND

- PROPERTY LINE
- PROPERTY LINE
- INSTALL NEW CONCRETE TRAFFIC ISLAND PER COS STD PLAN F-108

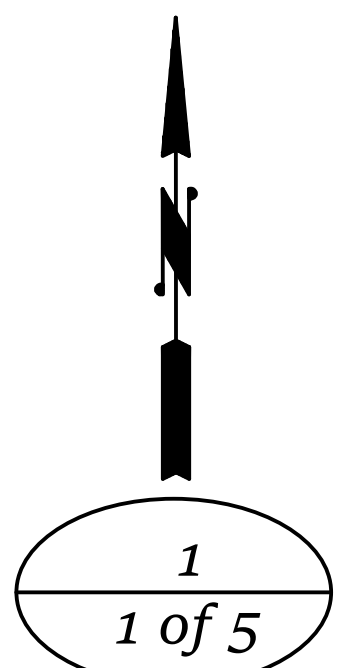
CONSTRUCTION NOTES

- 1 INSTALL PROPOSED NO LEFT TURN SIGN.
- 2 INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIAM. PIPE AS NECESSARY. CONNECT TO EXISTING MANHOLE WHERE SHOWN.



PROPOSED NO LEFT TURN SIGN

**PRELIMINARY
NOT FOR CONSTRUCTION**



Plotted On: Apr. 29, 2024 3:05pm

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 FEB. 2007		 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	
BENCH MARK LOCATION: None Given										DRAWN: _____ REVISIONS: _____ CHECKED: _____ APPROVED: _____		SEGMENT LIMITS: RAY STREET MEDIAN EXTENSION		CITY PROJECT NUMBER: _____ CITY PLAN NUMBER: _____			
NAVD88 ELEV.: None Given CBM NO.: None Given NAVD88 DATUM										HORIZONTAL PLANS & PROFILE: _____ VERTICAL PROFILE ONLY: _____ SCALE: _____		PROJECT LIMITS: ALTAMONT NEIGHBORHOOD		TOTAL SHEETS: _____ SHEET NO.: 1			
REVISIONS: _____ AS BUILT: _____ GRADE ORDINANCE LIST: _____										DATE: _____ BY: _____ PROJ: _____ E.F.N.: _____ U.S.N.: _____ FROM: _____ TO: _____ COUNCIL ACCEPT DATE: _____		TO: _____ ORD. NO.: _____ DATE: _____ FILE NO.: _____		CALL BEFORE YOU DIG 1-800-424-5555			



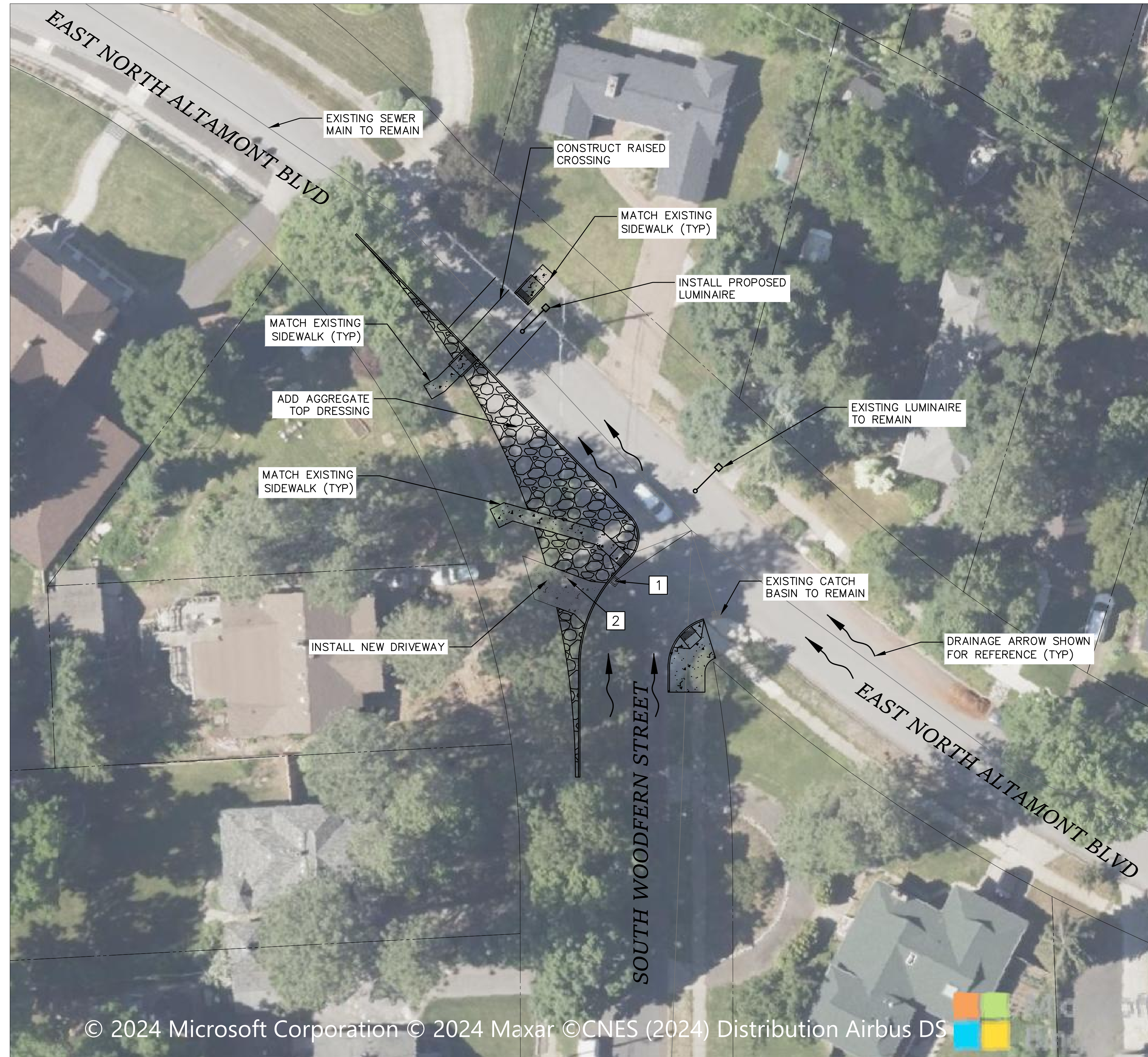
CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Altamont - 1
DESCRIPTION: Ray Street Median Extension

BY: KHL
CHECKED BY:
DATE:

ASSUMPTIONS:

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1			MOBILIZATION	1	LS	\$ 4,400	\$ 4,400
2			PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 2,900	\$ 2,900
3			SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 625	\$ 625
4			HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 6 INCH THICK	44	SY	\$ 75	\$ 3,333
5			CATCH BASIN DI SEWER PIPE 8IN. DIA.	50	LF	\$ 140	\$ 7,000
6			CONNECT 8IN. DIA. PIPE TO EXISTING CB, DW, OR MH	1	EA	\$ 1,500	\$ 1,500
7			CATCH BASIN TYPE 1	1	EA	\$ 4,500	\$ 4,500
8			TRAFFIC ISLAND CONCRETE	12	SY	\$ 150	\$ 1,733
SUBTOTAL							\$ 25,992
CONTINGENCY				40%			\$ 10,400
CONSTRUCTION TOTAL (ROUNDED)							\$ 36,000
PROJECT MANAGEMENT				15%			\$ 5,400
DESIGN				25%			\$ 9,000
CONSTRUCTION MANAGEMENT				20%			\$ 7,200
SUBTOTAL							\$ 21,600
GRAND TOTAL (ROUNDED)							\$ 58,000

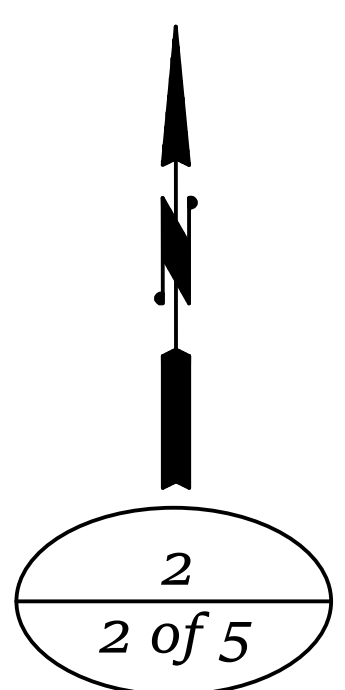


- LEGEND**
- PROPERTY LINE
 - INSTALL NEW CONCRETE SIDEWALK PER COS STD PLAN F-102B
 - INSTALL NEW CURB PER COS STD PLAN F-106B
 - INSTALL CURB RAMP PER COS STD PLAN F-105
 - INSTALL LUMINAIRE

- CONSTRUCTION NOTES**
- 1 INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIAM. PIPE AS NECESSARY. CONNECT TO EXISTING MANHOLE WHERE SHOWN.
 - 2 REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.

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**PRELIMINARY
NOT FOR CONSTRUCTION**



Plotted On: Apr. 29, 2024 - 3:06pm

NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)									
BENCH MARK LOCATION: None Given					CURRENT C.O.S. DESIGN STANDARDS ADOPTED FEB. 2007				
NAVD88 ELEV. None Given					BY: KHL DATES: 03/2024				
CBM NO. None Given					DRAWN: KHL CHECKED: APPROVED:				
NAVD88 DATUM					SCALE: HORIZONTAL PLANS: 1" = 20' VERTICAL PROFILE: 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									
SEGMENT LIMITS: WOODFERN STREET									
PROJECT LIMITS: ALTAMONT NEIGHBORHOOD									
TYPE OF IMPROVEMENT: TRAFFIC									
CITY PROJECT NUMBER: CITY PLAN NUMBER:									



CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Altamont - 2
DESCRIPTION: Woodfern Avenue and Altamont Boulevard

BY: KHL
CHECKED BY:
DATE:

ASSUMPTIONS:

Table with 8 columns: NUMBER, SPEC, STD ITEM NO., BID ITEM, QUANTITY, UNIT, UNIT PRICE, COST. Includes 17 line items for construction and 3 line items for management, with a grand total of \$219,000.

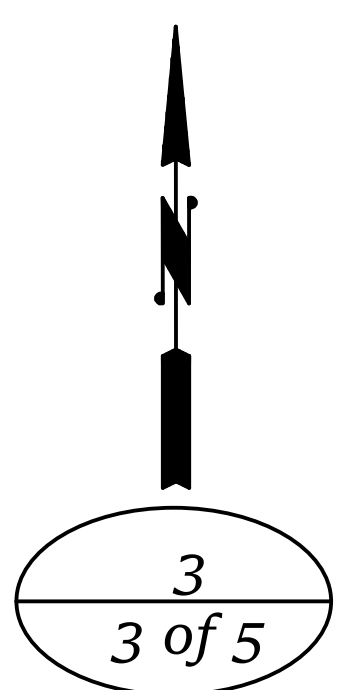


- LEGEND**
- PROPERTY LINE
 - INSTALL NEW CONCRETE SIDEWALK PER COS STD PLAN F-102B
 - INSTALL NEW CURB PER COS STD PLAN F-106B
 - INSTALL CURB RAMP PER COS STD PLAN F-105

- CONSTRUCTION NOTES**
- 1 INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIAM. PIPE AS NECESSARY. CONNECT TO EXISTING MANHOLE WHERE SHOWN.

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Plotted On: Apr. 29, 2024 - 3:06pm

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 FEB. 2007				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											
BENCH MARK LOCATION: None Given										DRAWN: _____ REVISIONS: _____ CHECKED: _____ APPROVED: _____		SEGMENT LIMITS: NORTH ALTAMONT BOULEVARD ELEVENTH AVENUE/JACQUES STREET		CITY PROJECT NUMBER: _____ CITY PLAN NUMBER: _____															
NAVD88 ELEV.: None Given CBM NO.: None Given NAVD88 DATUM										BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		HORIZONTAL PLANS & PROFILE VERTICAL PROFILE ONLY SCALE		PROJECT LIMITS: ALTAMONT NEIGHBORHOOD		EPN: _____													
REVISIONS										AS BUILT										GRADE ORDINANCE LIST									
DATE	BY	PROJ.	DESCRIPTION	DATE	BY	PROJ.	E.F.N. / U.S.N.	FROM	TO	COUNCIL ACCEPT DATE	TO	ORD. NO.	DATE	FILE NO.															



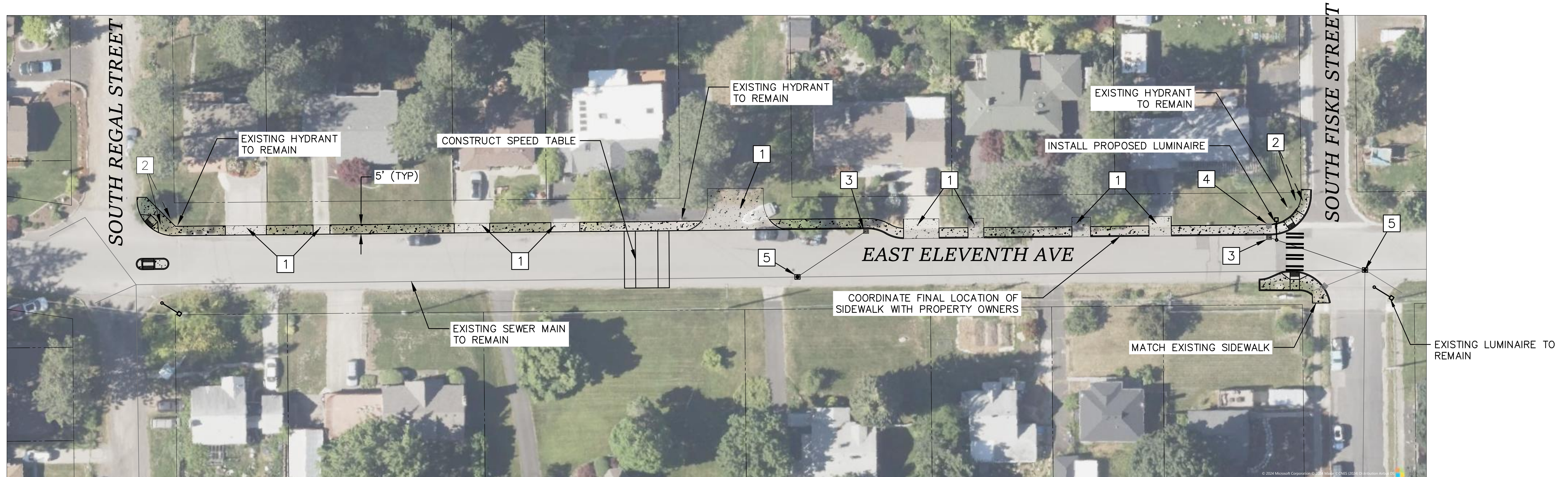
CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Altamont - 3
DESCRIPTION: Altamont Boulevard and Eleventh Avenue



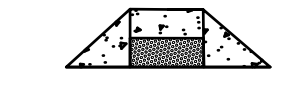

BY: KHL
CHECKED BY:
DATE:

ASSUMPTIONS:

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1			MOBILIZATION	1	LS	\$ 10,400	\$ 10,400
2			PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 6,300	\$ 6,300
3			CEMENT CONCRETE SIDEWALK	44	SY	\$ 180	\$ 7,920
4			ROADWAY EXCAVATION INCL. HAUL	26	CY	\$ 75	\$ 1,928
5			HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 6 INCH THICK	60	SY	\$ 75	\$ 4,467
6			CATCH BASIN DI SEWER PIPE 8IN. DIA.	67	LF	\$ 140	\$ 9,380
7			CONNECT 8IN. DIA. PIPE TO EXISTING CB, DW, OR MH	1	EA	\$ 1,500	\$ 1,500
8			CATCH BASIN TYPE 1	1	EA	\$ 4,500	\$ 4,500
9			CURB RAMPS	22	SY	\$ 130	\$ 2,903
10			AGGREGATE TOP DRESSING	101	SY	\$ 32	\$ 3,236
11			CEMENT CONCRETE SIDEWALK - SPEED HUMP	73	SY	\$ 200	\$ 14,600
12			REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	16	SY	\$ 15	\$ 245
13			CEMENT CONCRETE CURB AND GUTTER	168	LF	\$ 70	\$ 11,760
SUBTOTAL							\$ 79,138
CONTINGENCY				40%			\$ 31,660
CONSTRUCTION TOTAL (ROUNDED)							\$ 111,000
PROJECT MANAGEMENT				15%			\$ 16,650
DESIGN				25%			\$ 27,750
CONSTRUCTION MANAGEMENT				20%			\$ 22,200
SUBTOTAL							\$ 66,600
GRAND TOTAL (ROUNDED)							\$ 178,000



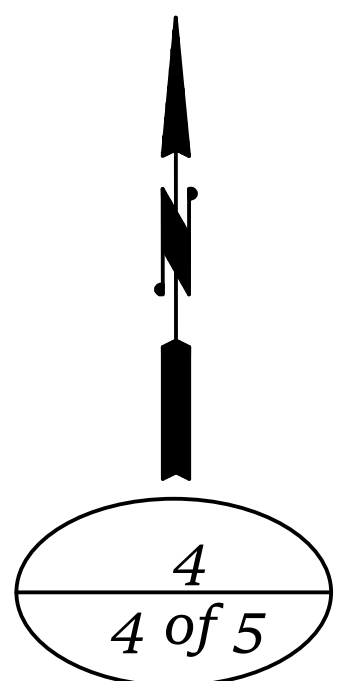
LEGEND

-  PROPERTY LINE
-  INSTALL NEW CONCRETE SIDEWALK PER COS STD PLAN F-102B
-  INSTALL CURB RAMP PER COS STD PLAN F-105
-  INSTALL LUMINAIRE

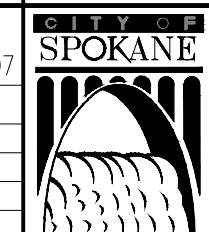
CONSTRUCTION NOTES

- 1 LOCATION WHERE SIDEWALK INTERSECTS DRIVEWAY. MATCH EXISTING ELEVATIONS AT DRIVEWAY LIMITS
- 2 RELOCATE EXISTING STREET SIGN.
- 3 INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIA. PIPE AS NECESSARY. CONNECT TO EXISTING MANHOLE WHERE SHOWN.
- 4 REMOVE EXISTING INLET. PLUG AND ABANDON EXISTING PIPE.
- 5 EXISTING MANHOLE TO REMAIN IN PLACE.

**PRELIMINARY
NOT FOR CONSTRUCTION**



Plotted On: Apr. 29, 2024 - 3:06pm

NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)									
BENCH MARK LOCATION: None Given					CURRENT C.O.S. DESIGN STANDARDS ADOPTED FEB. 2007				
NAVD88 ELEV.: None Given					DRAWN: _____ BY _____ DATES _____				
CBM NO.: None Given					REVISIONS: _____				
NAVD88 DATUM					CHECKED: _____				
SCALE					APPROVED: _____				
 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									
SEGMENT LIMITS: ELEVENTH AVENUE REGAL STREET TO FISKE STREET									
PROJECT LIMITS: ALTAMONT NEIGHBORHOOD									
TYPE OF IMPROVEMENT: TRAFFIC									
CITY PROJECT NUMBER					CITY PLAN NUMBER				



CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Altamont - 4
DESCRIPTION: Eleventh Avenue Sidewalk Infill


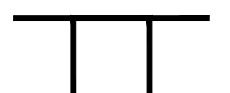

BY: KHL
CHECKED BY:
DATE:

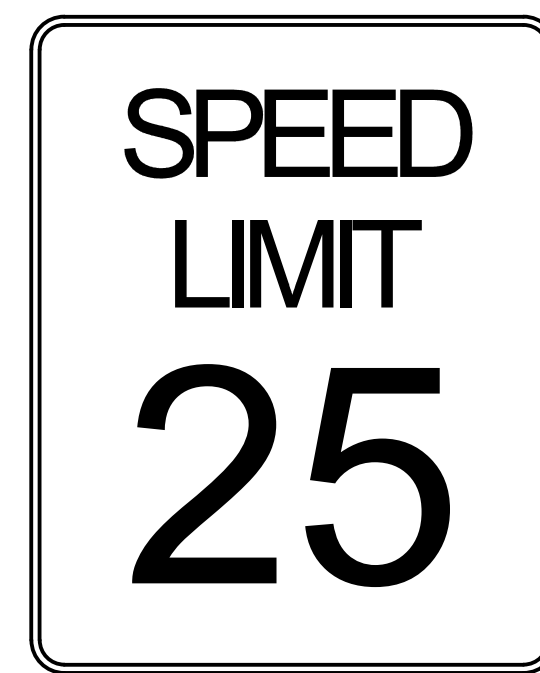
ASSUMPTIONS:

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1			MOBILIZATION	1	LS	\$ 27,500	\$ 27,500
2			PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 16,200	\$ 16,200
3			ROADWAY EXCAVATION INCL. HAUL	153	CY	\$ 35	\$ 5,372
3			CEMENT CONCRETE SIDEWALK	297	SY	\$ 180	\$ 53,460
4			CURB RAMPS	25	SY	\$ 130	\$ 3,279
5			CEMENT CONCRETE CURB AND GUTTER	317	LF	\$ 70	\$ 22,190
6			REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	213	SY	\$ 15	\$ 3,198
7			SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS - RELOCATE EXISTING SIGNS	1	LS	\$ 1,350	\$ 1,350
8			HMA FOR PAVEMENT REPAIR CL. 1/2 IN. MEDIUM TRAFFIC, 6 INCH THICK	124	SY	\$ 75	\$ 9,308
9			CATCH BASIN DI SEWER PIPE 8IN. DIA.	100	LF	\$ 140	\$ 14,000
10			CONNECT 8IN. DIA. PIPE TO EXISTING CB, DW, OR MH	2	EA	\$ 1,500	\$ 3,000
11			CATCH BASIN TYPE 1	2	EA	\$ 4,500	\$ 9,000
12			REMOVE MANHOLE, CATCH BASIN, OR DRYWELL	1	EA	\$ 920	\$ 920
13			CEMENT CONCRETE DRIVEWAY	179	SY	\$ 130	\$ 23,227
14			CEMENT CONCRETE SIDEWALK - SPEED HUMP	81	SY	\$ 200	\$ 16,200
15			TRAFFIC ISLAND CONCRETE	11	SY	\$ 150	\$ 1,617
16			LIGHT POLE INSTALLATION	1	LS	\$ 1,000	\$ 1,000
SUBTOTAL							\$ 210,821
CONTINGENCY				40%			\$ 84,330
CONSTRUCTION TOTAL (ROUNDED)							\$ 295,000
PROJECT MANAGEMENT				15%			\$ 44,250
DESIGN				25%			\$ 73,750
CONSTRUCTION MANAGEMENT				20%			\$ 59,000
SUBTOTAL							\$ 177,000
GRAND TOTAL (ROUNDED)							\$ 472,000



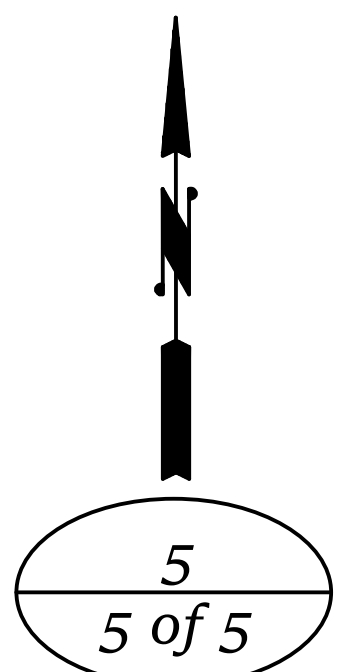
LEGEND

-  PROPERTY LINE
-  PROPOSED SPEED LIMIT 25 SIGN
-  EXISTING SPEED LIMIT SIGN




PROPOSED SPEED LIMIT 25 SIGN

**PRELIMINARY
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>PROJ.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>PROJ.</th> <th>E.F.N.</th> <th>U.S.N.</th> <th>FROM</th> <th>TO</th> <th>COUNCIL ACCEPT DATE</th> <th>TO</th> <th>ORD. NO.</th> <th>DATE</th> <th>FILE NO.</th> </tr> </thead> <tbody> <tr> <td colspan="16" style="text-align: center;">REVISIONS</td> </tr> <tr> <td colspan="16" style="text-align: center;">AS BUILT</td> </tr> <tr> <td colspan="16" style="text-align: center;">GRADE ORDINANCE LIST</td> </tr> </tbody> </table>										DATE	BY	PROJ.	DESCRIPTION	DATE	BY	PROJ.	E.F.N.	U.S.N.	FROM	TO	COUNCIL ACCEPT DATE	TO	ORD. NO.	DATE	FILE NO.	REVISIONS																AS BUILT																GRADE ORDINANCE LIST																CURRENT C.O.S. DESIGN STANDARDS ADOPTED FEB. 2007		DRAWN: _____ REVISIONS: _____ CHECKED: _____ APPROVED: _____		PROJECT LIMITS: ALTAMONT NEIGHBORHOOD		CITY PROJECT NUMBER: _____ CITY PLAN NUMBER: _____	
DATE	BY	PROJ.	DESCRIPTION	DATE	BY	PROJ.	E.F.N.	U.S.N.	FROM	TO	COUNCIL ACCEPT DATE	TO	ORD. NO.	DATE	FILE NO.																																																																		
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GRADE ORDINANCE LIST																																																																																	



CONCEPTUAL ENGINEER'S ESTIMATE

PROJECT: Altamont - 5
DESCRIPTION: Neighborhood Entry Speed Limit Signs

BY: DRV
CHECKED BY: _____
DATE: _____

ASSUMPTIONS:

NUMBER	SPEC	STD ITEM NO.	BID ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1			MOBILIZATION	1	LS	\$ 1,000	\$ 1,000
2			PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	\$ 750	\$ 750
3			SIGNING, PERMANENT - CONTRACTOR MANUFACTURED SIGNS	1	LS	\$ 2,000	\$ 2,000
SUBTOTAL							\$ 3,750
CONTINGENCY				40%			\$ 1,500
CONSTRUCTION TOTAL (ROUNDED)							\$ 5,000
PROJECT MANAGEMENT				15%			\$ 750
DESIGN				25%			\$ 1,250
CONSTRUCTION MANAGEMENT				20%			\$ 1,000
SUBTOTAL							\$ 3,000
GRAND TOTAL (ROUNDED)							\$ 8,000