

District 3, Five Mile Prairie: Strong Road from Five Mile Road to Nettleton Court

Estimate: \$590,000

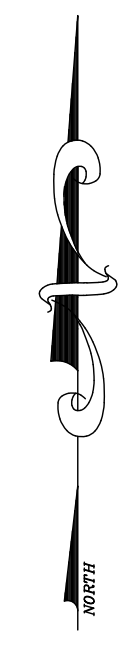


MATCHLINE ABOVE

MATCHLINE BELOW

LEGEND

- PROPERTY LINE
- EXISTING CURB
- INSTALL NEW EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00
- PROPOSED SIGN
- PROPOSED NEW ASPHALT PAVEMENT



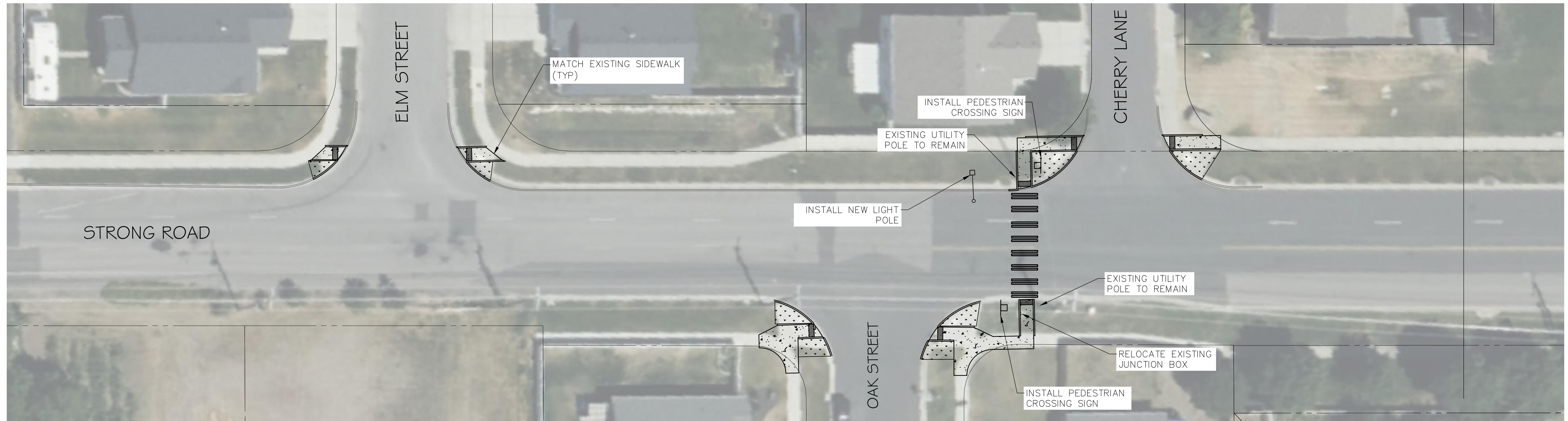
PRELIMINARY
NOT FOR CONSTRUCTION

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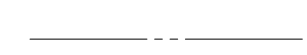
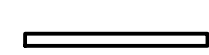

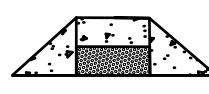

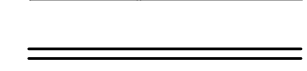
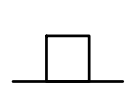
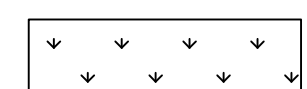
										NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)		CURRENT C.O.S. DESIGN STANDARDS ADOPTED FEB. 2007 		CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6300		PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN SEGMENT LIMITS: STRONG ROAD FIVE MILE ROAD TO NETTLETON COURT PROJECT LIMITS: FIVE MILE PRAIRIE NEIGHBORHOOD		TYPE OF IMPROVEMENT: TRAFFIC CITY PROJECT NUMBER: _____ CITY PLAN NUMBER: _____ EPN: TRAFFIC DESIGN																									
REVISIONS <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.P.N.</th> <th>U.S.N.</th> <th>FROM</th> <th>TO</th> <th>COUNCIL ACCEPT DATE</th> </tr> </thead> <tbody> <tr> <td colspan="12" style="text-align: center;">AS BUILT</td> </tr> </tbody> </table>										DATE	BY	PROJ.	DESCRIPTION	DATE	BY	PROJ.	E.P.N.	U.S.N.	FROM	TO	COUNCIL ACCEPT DATE	AS BUILT												GRADE ORDINANCE LIST NAVD88 DATUM		SCALE: 1" = 40' HORIZONTAL PLAN/PROFILE VERTICAL PROFILE ONLY		NAVD88 ELEV: None Given CBM NO: None Given BENCHMARK LOCATION: None Given BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		DRAWN: SEA 1/2/2022 REVISED: DRV 05/2023 CHECKED: JS 01/2023 APPROVED: AM 01/2023		CALL BEFORE YOU DIG 1-800-424-5555	
DATE	BY	PROJ.	DESCRIPTION	DATE	BY	PROJ.	E.P.N.	U.S.N.	FROM	TO	COUNCIL ACCEPT DATE																																
AS BUILT																																											

District 3, Five Mile Prairie: Strong Road from Elm Street to Cherry Lane

Estimate: \$149,000



LEGEND

	PROPERTY LINE		INSTALL CROSSWALK PER COS STD PLAN G-61
	EXISTING CURB		INSTALL CURB RAMP PER COS STD PLAN F-105
	INSTALL NEW CONCRETE SIDEWALK PER COS STD PLAN F-102B		
	INSTALL NEW CURB PER COS STD PLAN F-106B		
	PROPOSED SIGN		
	INSTALL LANDSCAPING STRIP		

NOTE:

- SEE CEDAR ROAD CONCEPT DESIGN FOR SIDEWALK AND BICYCLE FACILITY



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NAVD88 = (OLD CBM ELEV.) - (1.313) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)										BENCHMARK LOCATION: None Given		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) 625-6300		PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
NAVD88 ELEV: None Given CBM NO: None Given BAR IS ONE INCH ON ORIGINAL DRAWING. HORIZONTAL PLAN/PROFILE: 1" = 20' VERTICAL PROFILE ONLY: N/A IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY										SCALE		DRAWN: SEA 1/2/2022 REVISED: DRV 05/2023 CHECKED: JS 01/2023 APPROVED: AM 01/2023		CITY PROJECT NUMBER:		CITY PLAN NUMBER:			
REVISIONS										AS BUILT		GRADE ORDINANCE LIST		NAVD88 DATUM		SEGMENT LIMITS: STRONG ROAD ELM STREET TO CHERRY LANE		PROJECT LIMITS: FIVE MILE PRAIRIE NEIGHBORHOOD	
DATE BY PROJ. DESCRIPTION DATE BY PROJ. E.P.N. U.S.N. FROM TO COUNCIL ACCEPT DATE										NAVD88 DATUM		SCALE		CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6300		PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	

Spokane Traffic Calming Master Plan

District: 3
Neighborhood: Five Mile Prairie
Project Extent: Cascade Way - Austin Road to 5 Mile Road
Estimate: \$13,000

Problem Statement: Residents of Five Mile Prairie neighborhood requested dedicated bike facilities on Cascade Way between Austin Road. Cascade Way is classified as an urban minor arterial. It is a two-lane facility with a 25 mile per hour posted speed. The street is fronted by single family homes.

Traffic Analysis

The table below shows 2022 daily traffic volumes and 85th percentile speeds on Cascade Way along the study corridor (count conducted near Lindeke Court). There are 381 per day with an 85th percentile speed of 25 miles per hour (same as the posted speed limit).

2022 Daily Traffic and 85th Percentile Speeds on Cascade Way

Direction	# Lanes	2022 Daily Traffic (Vehicles per day)	85 th Percentile Speed (mph)	Posted Speed (mph)
EB	1	166	25	25
WB	1	215	25	25
Both Dir.	2	381	25	25

The City of Spokane online Pedestrian and Bicycle Data Tool identified Cascade Way with a level of traffic stress of 1 which represents the lowest stress conditions.

Recommended Solution:

Cascade Way is classified as a bike friendly route. Cascade Way, Lincoln Road, Hiawatha Drive and Arrowhead Road combined provide an east-west connection between Indian Trail Road, 5 Mile Road and Austin Road. The low vehicle speeds (85th percentile speed of 25 mile per hour) and low daily traffic volumes (less than 400 vehicles) suggest that dedicated bike lanes are not warranted to accommodate cyclists on the corridor. The installation of shared lane markings on Cascade Way is recommended to indicate a shared lane environment for bicycles and automobiles. The markings reinforce the legitimacy of bicycle traffic on the street, recommend proper bicyclist positioning, and can provide wayfinding guidance for the preferred bicycle route. The addition of dedicated bike lanes in each direction would require the removal of on-street parking.



LEGEND

	PROPERTY LINE
	EXISTING CURB
	SHARED LANE MARKING

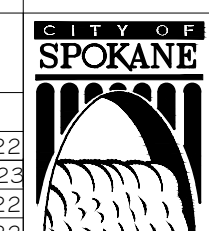


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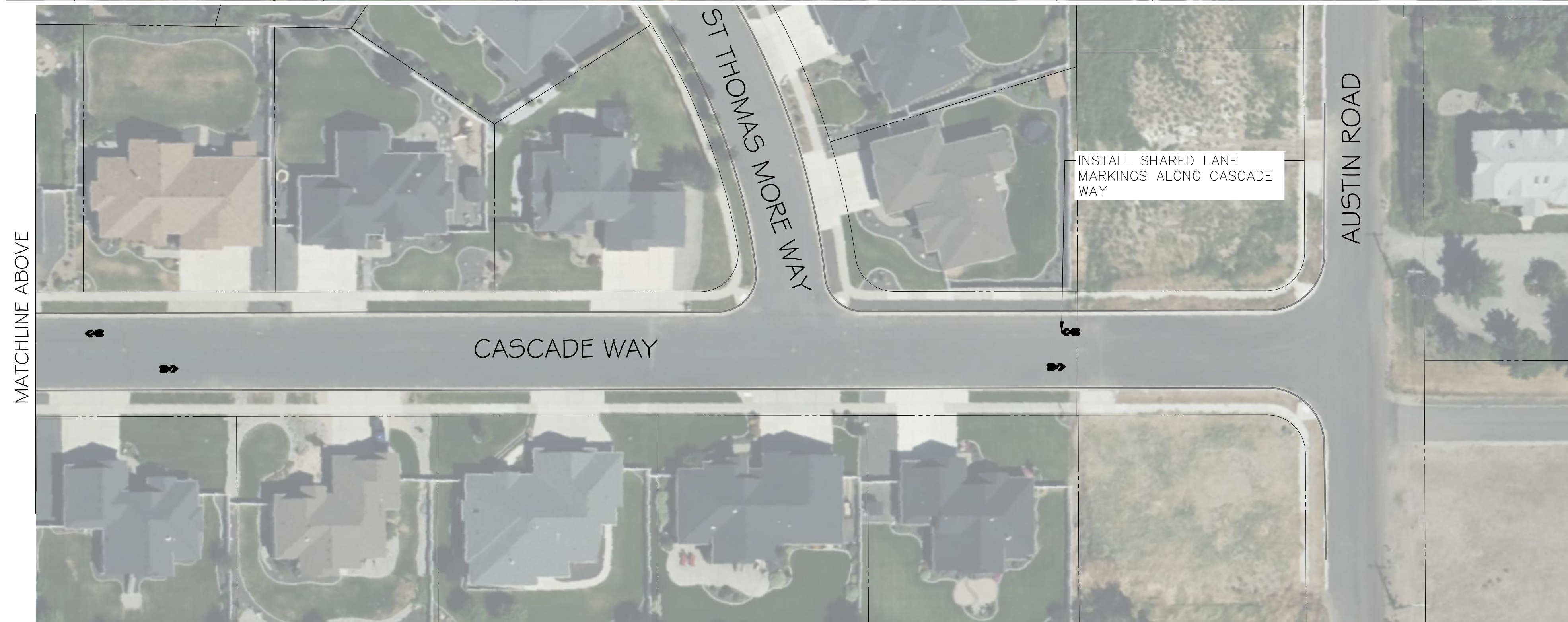
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AS BUILT																
GRADE ORDINANCE LIST																

NAVD88 = (OLD CBM ELEV.) - (1.3.1.3)		AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)	
BENCH MARK LOCATION: None Given			
NAVD88 ELEV:	None Given	HORIZONTAL PLANIMETER:	1" = 40'
CBM NO.:	None Given	VERTICAL PROFILE ONLY:	N/A
BAR IS ONE INCH ON ORIGINAL DRAWING.			
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.			
NAVD88 DATUM		SCALE	



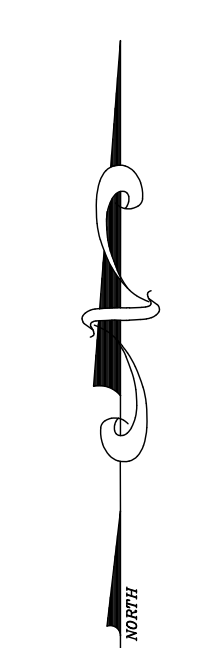
CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6300

PROJECT NAME: SPOKANE TRAFFIC CALMING MASTER PLAN		TYPE OF IMPROVEMENT: TRAFFIC	
SEGMENT LIMITS: CASCADE WAY FIVE MILE ROAD TO AUSTIN ROAD		CITY PROJECT NUMBER	
PROJECT LIMITS: FIVE MILE PRAIRIE NEIGHBORHOOD		CITY PLAN NUMBER	
		EPN: TRAFFIC DESIGN	



LEGEND

	PROPERTY LINE
	EXISTING CURB
	SHARED LANE MARKING



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NOT FOR CONSTRUCTION

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CALL BEFORE YOU DIG 1-800-424-5555																																																												

District 3, Five Mile Prairie: Cedar Road from Strong Road to Johannsen Road
 Estimate: \$267,000



LEGEND

	PROPERTY LINE		SHARED LANE MARKING
	EXISTING CURB		INSTALL CURB RAMP PER COS STD PLAN F-105
	INSTALL NEW CONCRETE SIDEWALK PER COS STD PLAN F-102B		PROPOSED NEW ASPHALT PAVEMENT
	INSTALL NEW EXTRUDED CURB PER WSDOT STD PLAN F-10.42-00		
	PROPOSED SIGN		
	INSTALL LANDSCAPING STRIP		

CONSTRUCTION NOTES

1. INSTALL NEW CATCH BASIN TYPE 1 AND 8" DIAM. PIPE AS NECESSARY. INSTALL PIPE FROM EXISTING CURB TO NORTH SIDE OF NEW SIDEWALK.

NOTE:

1. SEE STRONG AVENUE CONCEPT DESIGN FROM CANNON STREET TO CEDAR ROAD FOR PEDESTRIAN CROSSING



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BENCHMARK LOCATION: None Given										NAVD88 ELEV: None Given		HORIZONTAL PLANS/PROFILE: 1" = 20'		DRAWN: DRV 01/2023		CITY PROJECT NUMBER:	
CEM NO: None Given										BAR IS ONE INCH ON ORIGINAL DRAWING.		VERTICAL PROFILE ONLY: N/A		REVISED: DRV 05/2023		CITY PLAN NUMBER:	
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY										SCALE:		CHECKED: JS 01/2023		PROJECT LIMITS: FIVE MILE PRAIRIE NEIGHBORHOOD		EPN: TRAFFIC DESIGN	
NAVD88 DATUM										APPROVED: AM 01/2023		CALL BEFORE YOU DIG 1-800-424-5555					

SEE SHEET 5



MATCHLINE ABOVE

LEGEND

	PROPERTY LINE		SHARED LANE MARKING
	EXISTING CURB		INSTALL CURB RAMP PER COS STD PLAN F-105
	INSTALL NEW CONCRETE SIDEWALK PER COS STD PLAN F-102B		PROPOSED NEW ASPHALT PAVEMENT
	INSTALL NEW CURB PER COS STD PLAN F-106B		
	PROPOSED SIGN		

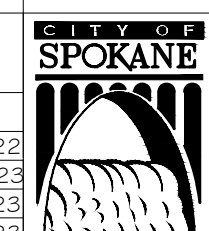
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DATE	BY	PROJ.	DESCRIPTION	DATE	BY	PROJ.	F.P.N.	U.S.N.	FROM	TO	COUNCIL ACCEPT DATE	FROM	TO	ORD. NO.	DATE	FILE NO.
			AS BUILT													

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CEM NO.	None Given
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VERTICAL PROFILE ONLY	N/A
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	SCALE



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF ENGINEERING SERVICES
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6300

PROJECT NAME:	SPOKANE TRAFFIC CALMING MASTER PLAN	
SEGMENT LIMITS:	CEDAR ROAD STRONG ROAD TO JOHANNSEN ROAD	
TYPE OF IMPROVEMENT:	TRAFFIC	
CITY PROJECT NUMBER:		CITY PLAN NUMBER:
PROJECT LIMITS:	FIVE MILE PRAIRIE NEIGHBORHOOD	
EPN:	TRAFFIC DESIGN	

