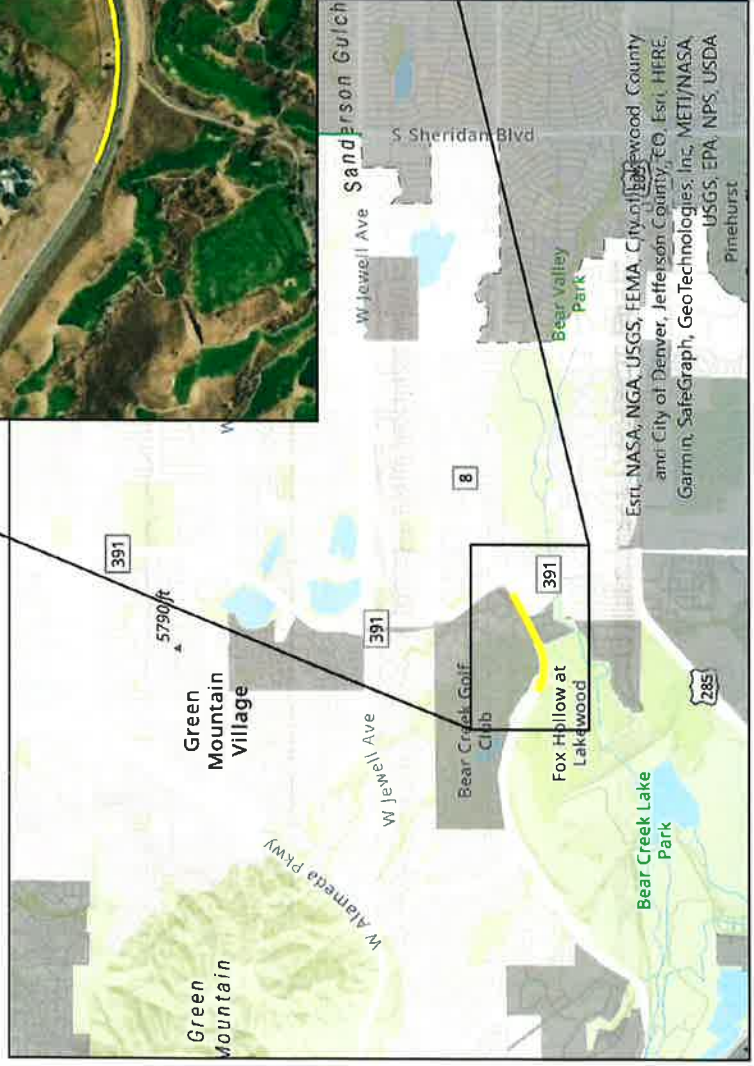


Morrison Path - West of Kipling Pkwy





COLORADO
Department of Transportation
Region 1

January 13, 2023

Mike Whiteaker
City Transportation Engineer
City of Lakewood
480 S. Allison Pkwy.
Lakewood, CO 80226

RE: CDOT Region 1 Support Request for DRCOG TIP Subregional Call FY24-FY27

Dear Mr. Whiteaker,

This letter is to inform you that the Colorado Department of Transportation (CDOT) Region 1 concurs with the following City of Lakewood application for the Denver Regional Council of Governments (DRCOG) Subregional FY24-27 Transportation Improvement Program (TIP) Call. This concurrence applies only for the Morrison and Newcombe North Plan Extension project, in the event this project is selected by DRCOG as a subregional project on or around March/April 2023. If this subregional project is awarded DRCOG funds at a later date, the local agency will need to submit a separate request for CDOT's concurrence at that time. The project as constructed will be maintained by the local agency, and not by CDOT.

Projects impacting state highways should assume that CDOT will manage the project and that the local agency is responsible for payment of CDOT's work, including indirect charges. An accurate project cost estimation, that accounts for cost escalation, is vital to the success of a project. Please note that per the DRCOG TIP Policy, if project costs increase on DRCOG-selected projects or the cost estimate is low, sponsors must make up any shortfalls. Regardless of CDOT's concurrence or support, sponsors should have no expectation of CDOT funding being available to help cover any funding shortfalls.

This concurrence is conditionally granted based on the scope as described. CDOT does, however, retain final decision-making authority for all improvements and changes within CDOT's right of way. As the project progresses the local agency will need to work closely with CDOT Region staff to ensure CDOT's continued concurrence.

This project must comply with all CDOT and/or Federal Highway Administration (FHWA) requirements including those associated with clearance for Right of Way, Utilities, and Environmental. All costs associated with clearances including right of way acquisition, utilities relocation, and environmental mitigation measures must be included in the project costs. CDOT staff will assist you in determining which clearances are required for your project. The CDOT Local Agency Manual includes project requirements to assist with contracting, design, and construction, which can be accessed at:

https://www.codot.gov/business/designsupport/bulletins_manuals/2006-local-agency-manual

Should you have any questions regarding this concurrence or if your agency would like to schedule time to meet with CDOT specialty units, please contact JoAnn Mattson at (303) 757-9866.

Sincerely,

Jessica Myklebust
CDOT Region 1 Transportation Director





PROJECT NAME: Morrison Road Shared Use Path West of Kipling Parkway

CONSTRUCTION ITEMS	% RANGE	COMMENTS	%USED	COST	
Project Construction Items	Refer to Construction Cost Estimate			\$2,057,837.00	(A)
Contingencies	(15% - 30%) of (A)		20.00%	\$411,567.40	(B)
ITS	(6-10%) of (A+B), Default = 6%		0.00%	\$0.00	(C)
Drainage/Water/Sewer	(3-10%) of (A+B), Default = 6%		6.00%	\$148,164.26	(D)
Signing and Striping	(1-5%) of (A+B+C+D), Default = 5%		1.00%	\$26,175.69	(E)
Construction Signing & Traffic Control	5 to 25% of (A+B+C+D+E), Default = 20%		7.50%	\$198,280.83	(F)
Mobilization	(4 to 10%) of (A+B+C+D+E+F), Default = 7%		7.00%	\$198,941.76	(G)
Total of Construction Items		(A+B+C+D+E+F+G)		\$3,040,966.94	(H)

FORCE ACCOUNT ITEMS					
Force Account - Utilities	(1 to 2%) of (H) Default = 2%		2.00%	\$60,819.34	(I)
Force Account - Misc.	(10 to 15%) of (H) Default = 12%		5.00%	\$152,048.35	(J)
Subtotal of Construction Cost		(H+I+J)		\$3,253,834.63	(K)

INDIRECT PROJECT COSTS					
Total Construction Engineering	2% of (K)	Construction Management/ Inspection, Materials Testing	2.00%	\$65,076.69	(L)
Total Preliminary Engineering	6% of (K)	Survey, Civil Environmental, Structural, Geotechnical	6.00%	\$195,230.08	(M)
Right of Way	Project Dependent		N/A	\$67,500.00	(N)
Utilities	Project Dependent		N/A	\$0.00	(O)
Total Project Cost		(K+L+M+N+O)		\$3,581,641.40	(P)

USE: \$3,590,000

ASSUMPTIONS:

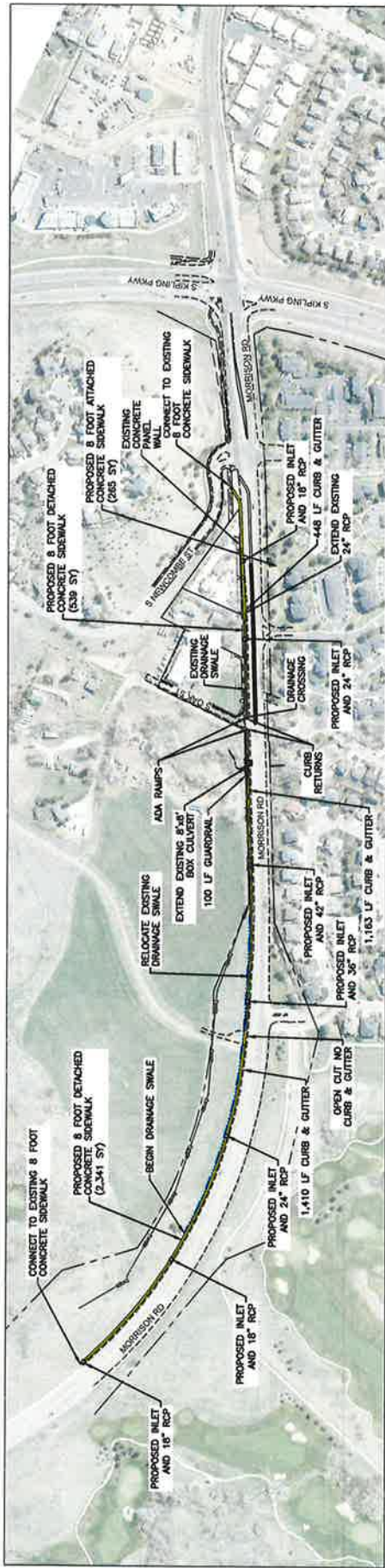
Extension of 8'x8' box culvert under Morrison required.
Inlets and RCP will need to be added to capture runoff that formerly went to swales.



PROJECT NAME: Morrison Road Shared Use Path West of Kipling Parkway

CONSTRUCTION COST ESTIMATE

ITEM #	ITEM DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	ITEM COST
201-00000	Clearing and Grubbing	1	LS	\$15,000.00	\$15,000.00
202-00015	Removal of Headwall	1	EACH	\$15,000.00	\$15,000.00
202-00020	Removal of Concrete Box Culvert	1	EACH	\$5,000.00	\$5,000.00
202-00210	Removal of Concrete Pavement	24	SY	\$30.00	\$720.00
202-00220	Rem Asphalt Mat	336	SY	\$22.00	\$7,392.00
203-00060	Embankment Material (Complete In Place)	1800	CY	\$30.00	\$54,000.00
208-00005	Erosion Log	2000	LF	\$8.00	\$16,000.00
208-00035	Aggregate Bag	9	EACH	\$75.00	\$675.00
208-00045	Conc Washout Structure	2	EACH	\$1,500.00	\$3,000.00
208-00050	Storm Drain Inlet Protection	1	EACH	\$200.00	\$200.00
208-00200	Erosion Control Supervisor	1	LS	\$7,000.00	\$7,000.00
210-00035	Reset Water Meter	3	EACH	\$5,000.00	\$15,000.00
210-01000	Reset Fence	400	LF	\$115.00	\$46,000.00
210-04010	Adjust Manhole	1	EACH	\$8,000.00	\$8,000.00
212	Sod	5000	SF	\$3.00	\$15,000.00
212	Tree	4	EACH	\$2,000.00	\$8,000.00
212-00006	Seeding (Native)	1	ACRE	\$4,500.00	\$4,500.00
403-00720	HBP (Patching) (Asph)	1	TON	\$200.00	\$200.00
504-03500	Retaining Wall (Block)	880	SF	\$70.00	\$61,600.00
603-01180	18 Inch Reinforced Concrete Pipe	895	LF	\$175.00	\$156,625.00
603-01240	24 Inch Reinforced Concrete Pipe	1100	LF	\$225.00	\$247,500.00
603-01360	36 Inch Reinforced Concrete Pipe	760	LF	\$350.00	\$266,000.00
603-01420	42 Inch Reinforced Concrete Pipe	720	LF	\$400.00	\$288,000.00
603-70808	8x8 Foot Concrete Box Culvert (Precast)	15	LF	\$3,000.00	\$45,000.00
604-19210	Inlet Type R L 10 (10 Foot)	2	EACH	\$14,000.00	\$28,000.00
604-19220	Inlet Type R L 10 (20 Foot)	5	EACH	\$20,000.00	\$100,000.00
603-77001	Culvert Headwall (3-Sided Culvert)(Type 1)	48	SF	\$200.00	\$9,600.00
603-77011	Culvert Wingwall (3-Sided Culvert)(Type 1)	96	SF	\$200.00	\$19,200.00
606-00301	Gdrail Ty 3	100	LF	\$60.00	\$6,000.00
606-01340	End Anchor Ty 3D	1	EACH	\$1,400.00	\$1,400.00
606-02005	End Anchor (Flared)	1	EACH	\$6,500.00	\$6,500.00
608-00006	Conc Sidewalk (6 In)	3235	SY	\$100.00	\$323,500.00
608-00010	Conc Curb Ramp	25	SY	\$250.00	\$6,250.00
609-21020	C and G Ty 2 II-B	3021	LF	\$50.00	\$151,050.00
625-00000	Const Surveying	1	LS	\$25,000.00	\$25,000.00
630-00007	Traf Ctrl Inspection	60	DAY	\$200.00	\$12,000.00
630-00012	Traf Ctrl Mgmt	24	DAY	\$350.00	\$8,400.00
(A)	TOTAL PROJECT CONSTRUCTION ITEMS:				<u>\$2,057,837.00</u>



OVERALL PLAN

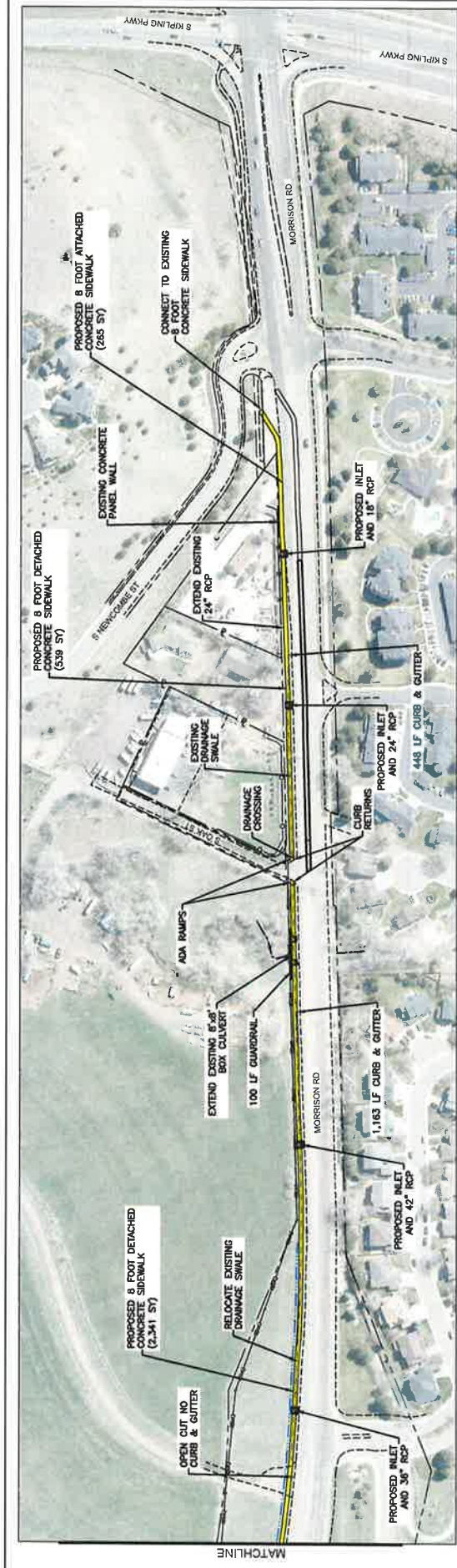


Sheet Revisions		Project No./Code	
DATE	COMMENT	SIDWALK CONCEPT PLAN	
		MORRISON RD WEST OF KIPLING PKWY	
		COST ESTIMATE	
		Designer: KEL	
		Detailer: RHF	
		Sheet Number 1	

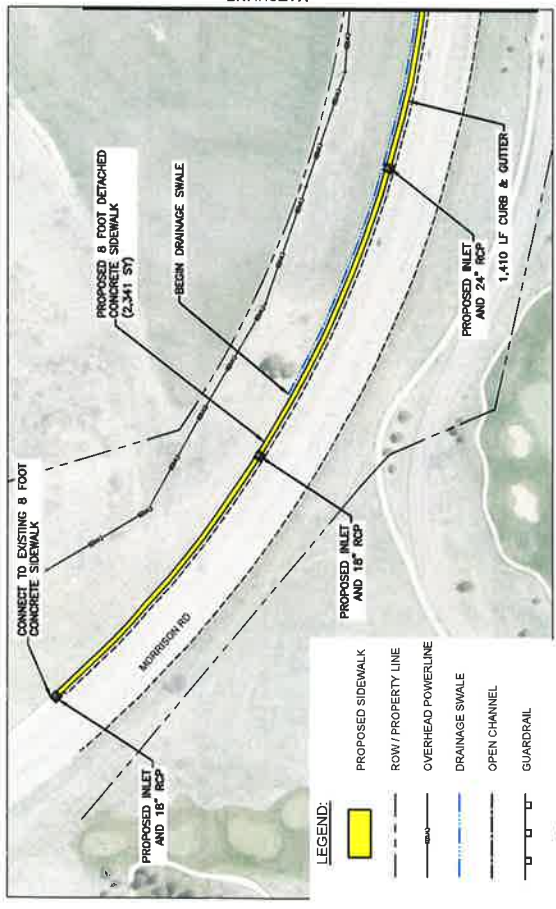
CONCEPTUAL DESIGN ONLY NOT FOR CONSTRUCTION

470 South Allison Pkwy
 Civic Center North
 Lakewood, Co 80226
 Phone: 303-987-7500



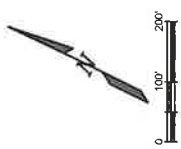


PLAN



PLAN

- LEGEND:**
- PROPOSED SIDEWALK
 - ROW / PROPERTY LINE
 - OVERHEAD POWERLINE
 - DRAINAGE SWALE
 - OPEN CHANNEL
 - GUARDRAIL
 - INLET



Sheet Revisions		Project No./Code
DATE	COMMENT	
		SIDEWALK CONCEPT PLAN MORRISON RD WEST OF KIPLING PKWY COST ESTIMATE
		Designer: KEL Detailer: RHF
		Sheet Number 2

**CONCEPTUAL
DESIGN ONLY
NOT FOR CONSTRUCTION**

470 South Alliance Pkwy
Civil Center North
Lakewood, Co 80226
Phone: 303-987-7500

Lakewood
Public Works

