



Purchasing Division

ADDENDUM NO. 4

DATE: December 6, 2022
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: IFB-5134-22-DD 2022 24 Road Multi-modal Path Construction
CDOT Project No. MTF M555-035 (24077)

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded, and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. **Question:** Item 23 Pedestrian Railing is listed as a Special, but a Special Provision for it was not provided in Appendix C. Will the Owner provide the Special Provision for this item?
Answer: Please refer to CDOT 2022 Standard Specifications, Sections 514 and Sheet B09 of Construction Drawings for specifications and details of pedestrian railing. No separate Project Special Provision will be given.
2. **Question:** The Concrete Bench Pads shown on Sheet 14 of 16, will this be paid with the Bike Path in item 31? If not, will the Owner provide a pay item for the bench pads?
Answer: The Concrete Bench Pads shall be paid utilizing the "Concrete Bikeway (6 inch)" item. (**See Attached Revised Bid Schedule and Revised Page 6 & 7 of Appendix D with Corrected Quantity**)
Revised Bid Schedule <http://trimview.gjcity.org/?=SOLDOC/25147>
Revised Pages Appendix D <http://trimview.gjcity.org/?=SOLDOC/25148>
3. **Question:** Item 29, please confirm this item pays for the manhole and the manhole base.
Answer: Yes, please refer to CDOT M-Standard M-604-20 for precast manhole details. Item includes manhole and manhole base. (**See Attached Revised Page 12 of Appendix D with Corrected CDPT M-Standard**)
Revised Pages Appendix D <http://trimview.gjcity.org/?=SOLDOC/25148>
4. **Question:** Due to the volatility of pricing, most of our material and subcontractor quotes will be good for only 30 days or less. With the bid due date of 12/22/23 and a Contract Execution date of 1/19/22, we will be unable to procure materials after submittals are approved within that time frame. If prices rise between the time of bid and the time of purchase, will the Owner compensate the Contractor for those price changes? Conversely. If prices go down, the Contractor would be able to pass those savings on to the Owner.

Answer: The duration between bid opening and contract execution is 28 days. The bid tabulation cannot be modified. However, the City will do its best to provide notice of award prior to the 30-day quote expiration.

5. **Question:** Please confirm the bikeway path concrete is unreinforced. If reinforced, please direct the contractor to the standard for reinforcement or supplement the plans with detail and provide a bid item for which it will be paid if separate from the Concrete Bikeway (6 inch).

Answer: Yes, the Concrete Bikeway (6 inch) is unreinforced.

6. **Question:** The bridge typical section on B-02 shows a concrete on metal deck surface and a note below states the "Contractor shall coordinate with bridge supplier to determine deck quantities". Is it the intent of the Engineer to have the bridge supplier design the concrete deck including reinforcement, thickness, and concrete specifications? If not, will the Engineer provide that information? Will the concrete deck be incidental to item 41; Bridge Girder and Deck Unit (45 Feet to 50 Feet)?

Answer: Yes, the bridge supplier shall design the concrete deck reinforcement and thickness. The concrete deck shall be Class D. Yes, the concrete deck is incidental to Item 41 Bridge Girder and Deck Unit (45 feet to 50 feet).

7. **Question:** On sheet B08, the expansion cover detail calls out for an "elastomeric pad each side of joint attached with adhesive" and the abutment and wingwall sections call out an "isolation joint with elastomeric sealant". Is it the intent of the Engineer to have the bridge supplier provide the material specifications for the pad, joint material, and sealant? If not, will the Engineer provide that information? Will these items be incidental to item 41: Bridge Girder and Deck Unit (45 Feet to 50 Feet)?

Answer: The expansion joint is at each end of the bridge between the abutment stem and the bridge deck. The isolation joint is between the concrete path and either the abutment stem or wingwall. They are not the same item. The expansion joint cover and elastomeric pad are incidental to Item 628-Bridge Girder and Deck Unit (45 Feet to 50 Feet). The elastomeric pad shall comply with Section 705-06 of the CDOT standard Specification for Road and Bridge Construction. The thickness of the pad shall be 1/8 inch. The isolation joint shall comply with Section 608.03(e) of the CDOT Standard Specification and is incidental to Item 601-Concrete Class D (Bridge). The Elastomeric Sealant shall comply with Section 705.01 of the CDPT Standard Specification for Silicone Sealant.

8. **Question:** Pages 41 thru 52 when you go to print these sheets the lines on the sheets disappear, the notes and arrows stay but all the line don't show up and these are needed for my electrical contractors to be able to give us an accurate quote for this material. Can you please see if this can be fixed and resent back out to the Contractors, please?

Answer: These were revised on Addendum No. 1. Please use these links.
Appendix C Special Provisions
<http://trimview.gjcity.org/?=SOLDOC/25105>
Appendix D Construction Bid Plans
<http://trimview.gjcity.org/?=SOLDOC/25106>

9. **Question:** Can you confirm if the contractor needs to perform quality control testing on the subgrade and aggregate base course compaction?

Answer: Yes, the Contractor is responsible for QC as per the CDOT Field Materials Manual and CDOT Construction Specifications. Control Plans, as required for the materials manual, for the Embankment, Pre-Pave, Pre-Pour, Hot Mix Asphalt, Portland Cement Concrete Pavement, etc. must be submitted at the Pre-Construction meeting. Because of the CDOT funding, CDOT QA/QC materials procedures must be followed and not the typical City practices.

Contractors are directed to review the Special Notice to Contractors in the 2021 CDOT Field Materials Manual located at the following link:

<https://www.codot.gov/business/designsupport/materials-and-geotechnical/manuals/2021-fmm/intro-docs/07-contractor-special-notice-21>

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Dolly Daniels, Senior Buyer
City of Grand Junction, Colorado

Bid Schedule: 24077 - 24 Road Bike Path (Addendum 4)

Item No.	Description	Quantity	Units	Unit Price	Total Price
1	201- Clearing and Grubbing 00000		Lump Sum	---	\$ _____
2	202- Removal of Pipe 00035	16.	LF	\$ _____	\$ _____
3	202- Removal of Fence 01000	1,100.	LF	\$ _____	\$ _____
4	203- Embankment Material (Complete in 00060 Place)	423.	CY	\$ _____	\$ _____
5	206- Structural Excavation 00000	30.	CY	\$ _____	\$ _____
6	206- Structure Backfill (Class 1) 00100	40.	CY	\$ _____	\$ _____
7	206- Structure Backfill (Class 2) 00200	10.	CY	\$ _____	\$ _____
8	207- Topsoil (Including Stockpile) 00206	130.	CY	\$ _____	\$ _____
9	208- Erosion Log Type 1 (9 Inch) 00012	3,300.	LF	\$ _____	\$ _____
10	208- Concrete Washout Structure 00045	2.	EA	\$ _____	\$ _____
11	208- Vehicle Tracking Pad 00070	2.	EA	\$ _____	\$ _____
12	208- Water Control 00400		Lump Sum	---	\$ _____
13	212- Seeding (Native) (Hydroseed) 00007	0.51	ACRE	\$ _____	\$ _____
14	240- Wildlife Biologist 00015	40.	HOUR	\$ _____	\$ _____
15	304- Aggregate Base Course (Class 3) 03000	810.	TONS	\$ _____	\$ _____
16	304- Aggregate Base Course (Class 6) 06000	990.	TONS	\$ _____	\$ _____
17	306- Reconditioning (12" Deep) 01000	2,630.	SY	\$ _____	\$ _____
18	420- Geotextile (Separator)(Class 1) 00132	2,630.	SY	\$ _____	\$ _____
19	502- Pile Tip 00460	4.	EA	\$ _____	\$ _____
20	502- Complete Joint Penetration (CJP) Splice 00500	4.	EA	\$ _____	\$ _____
21	502- Steel Piling (HP 12x53) 11253	200.	LF	\$ _____	\$ _____
22	506- Riprap (6 Inch) 00206	50.	CY	\$ _____	\$ _____
23	514- Pedestrian Railing (Steel) (Special) 00042	20.	LF	\$ _____	\$ _____
24	601- Concrete Class D (Bridge) 03040	20.	CY	\$ _____	\$ _____
25	601- Structural Concrete Coating 40300	30.	SY	\$ _____	\$ _____

Bid Schedule: 24077 - 24 Road Bike Path (Addendum 4)

Item No.	Description	Quantity	Units	Unit Price	Total Price
26	602- Reinforcing Steel (Epoxy Coated) 00000	2,200.	LB	\$ _____	\$ _____
27	603- 18 Inch Reinforced Concrete Pipe 01185 (Complete In Place)	72.	LF	\$ _____	\$ _____
28	603- 8" PVC Pipe (SDR-35) (Complete in 50008 Place)	35.	LF	\$ _____	\$ _____
29	604- Manhole Slab Base (10 Foot) 30010	1.	EA	\$ _____	\$ _____
30	607- Fence Wire with Treated Wooden Posts 01055	1,060.	LF	\$ _____	\$ _____
31	608- Concrete Bikeway (6 Inch) 00026	1,792.	SY	\$ _____	\$ _____
32	613- 2 Inch Electrical Conduit (Plastic) 01200	1,868.	LF	\$ _____	\$ _____
33	613- Type One Pull Box 07001	22.	EA	\$ _____	\$ _____
34	613- Wiring 10000	Lump	SUM	---	\$ _____
35	613- Light Standard and Luminaire 30005 (Pedestrian)	19.	EA	\$ _____	\$ _____
36	613- Light Standard Foundation (Special) 40012	19.	EA	\$ _____	\$ _____
37	613- Light Standard and Luminaire 30006 (Pedestrian BRIDGE)	18.	EA	\$ _____	\$ _____
38	620- Sanitary Facility 00020	Lump	SUM	---	\$ _____
39	625- Construction Surveying 00000	Lump	SUM	---	\$ _____
40	626- Mobilization 00000	Lump	SUM	---	\$ _____
41	628- Bridge Girder and Deck Unit (45 Feet to 00045 50 Feet)	1.	EA	\$ _____	\$ _____
42	630 Traffic Control (Complete In Place)	Lump	SUM	---	\$ _____
43	630 Traffic Control Plan	Lump	SUM	---	\$ _____
MCR	MINOR CONTRACT REVISIONS	---	---	---	\$ <u>50,000.00</u>
				Bid Amount:	\$ _____

Bid Amount:

dollars

INDEX			CONTRACT ITEM NO.	CONTRACT ITEM	UNIT	TRAIL		BRIDGE		PROJECT TOTAL	
BOOK	PAGE	SHEET				PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.
			201-00000	Clearing and Grubbing	LS	1		0		1	
			202-00035	Removal of Pipe	LF	16		0		16	
			202-01000	Removal of Fence	LF	1100		0		1100	
			203-00060	Embankment Material (Complete in Place)	CY	423		0		423	
			206-00000	Structural Excavation	CY	0		30		30	
			206-00100	Structure Backfill (Class 1)	CY	0		40		40	
			206-00200	Structure Backfill (Class 2)	CY	0		10		10	
			207-00206	Topsoil (Including Stockpile)	CY	130		0		130	
			208-00012	Erosion Log Type 1 (9 Inch)	LF	3300		0		3300	
			208-00045	Concrete Washout Structure	EA	2		0		2	
			208-00070	Vehicle Tracking Pad	EA	2		0		2	
			208-00400	Water Control	LS	1		0		1	
			212-00007	Seeding (Native) (Hydroseed)	ACRE	0.51		0		0.51	
			240-00015	Wildlife Biologist	HOUR	40		0		40	
			304-03000	Aggregate Base Course (Class 3)	TONS	810		0		810	
			304-06000	Aggregate Base Course (Class 6)	TONS	990		0		990	
			306-01000	Reconditioning (12" Deep)	SY	2630		0		2630	
			420-00132	Geotextile (Separator)(Class 1)	SY	2630		0		2630	
			502-00460	Pile Tip	EA	0		4		4	
			502-00500	Complete Joint Penetration (CJP) Splice	EA	0		4		4	
			502-11253	Steel Piling (HP 12x53)	LF	0		200		200	
			506-00206	Riprap (6 Inch)	CY	0		50		50	
			514-00042	Pedestrian Railing (Steel) (Special)	LF	0		20		20	
			601-03040	Concrete Class D (Bridge)	CY	0		16		16	
			601-40300	Structural Concrete Coating	SY	0		20		20	
			602-00000	Reinforcing Steel (Epoxy Coated)	LB	0		2200		2200	
			603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	LF	72		0		72	
			603-50008	8" PVC Pipe (SDR-35) (Complete in Place)	LF	35		0		35	
			604-30010	Manhole Slab Base (10 Foot)	EA	1		0		1	
			607-01055	Fence Wire with Treated Wooden Posts	LF	1060		0		1060	
			608-00026	Concrete Bikeway (6 Inch)	SY	1792		0		1792	
			613-01200	2 Inch Electrical Conduit (Plastic)	LF	1868		0		1868	
			613-07001	Type One Pull Box	EA	22		0		22	
			613-10000	Wiring	LS	1		0		1	
			613-30005	Light Standard and Luminaire (Pedestrian)	EA	19		0		19	
			613-40012	Light Standard Foundation (Special)	EA	19		0		19	
			613-30006	Light Standard and Luminaire (Pedestrian BRIDGE)	EA	0		18		18	
			620-00020	Sanitary Facility	LS	1		0		1	
			625-00000	Construction Surveying	LS	1		0		1	
			626-00000	Mobilization	LS	1		0		1	
			628-00045	Bridge Girder and Deck Unit (45 Feet to 50 Feet)	EA	0		1		1	
			630	Traffic Control (Complete In Place)	LS	1		0		1	
			630	Traffic Control Plan	LS	1		0		1	

REVISION Δ REV 1	DESCRIPTION	DATE	DRAWN BY JCS	DATE 2021
REVISION Δ REV 2			DESIGNED BY JCS	DATE 2021
REVISION Δ REV 3			CHECKED BY KA	DATE OCTOBER 2022
REVISION Δ REV 4			APPROVED BY KH	DATE OCTOBER 2022

NO SCALE



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. MTF M555-035

24 ROAD BIKE PATH
SUMMARY OF APPROXIMATE QUANTITIES
December 5, 2022

SUMMARY OF EARTHWORK QUANTITIES

INDEX			PROJECT TOTAL
Book	Page	Sheet	
			203-00060 EMBANKMENT MATERIAL (CIP)
			QUANTITY CALCULATED FROM CIVIL3D - TIN SUBTRACTION
			CU. YD. 1250
			As Const.
			MINUS CONCRETE BIKE PATH AND ASSOCIATED CL. 6 PRISM
			-827
			TOTAL FOR PAY QUANTITIES 423
			UNCLASSIFIED EXCAVATION (CIP) (FOR INFORMATION ONLY)
			(QUANTITY CALCULATED FROM CIVIL3D - TIN SUBTRACTION)
			CU. YD.
			UNCLASSIFIED EXCAVATION (INCLUDES TAILWATER DITCH)
			42
			TOTAL 42

INDEX			EARTHWORK QUANTITIES BALANCE (FOR INFORMATION ONLY)	PROJECT TOTAL	
Book	Page	Sheet		CU. YD.	As Const.
			EMBANKMENT MATERIAL EXPANDED		
			EMBANKMENT TIMES FACTOR 1.15	486	
			BALANCE		
			Import Material Required	444	

NOTES

- HAULING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE WORK.
- THERE IS NO DESIGNATED BORROW SITE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE EMBANKMENT BORROW SOURCE.
- ONSITE TOPSOIL SHALL BE STRIPPED, STOCKPILED AND PLACED ON FINISHED SLOPES. ALL EXCESS TOPSOIL SHALL BE PLACED AS EMBANKMENT OUTSIDE OF THE TRAIL PRISM.

TABULATION OF SURFACING

STATION	LENGTH (FEET)	AVERAGE WIDTH (FEET)	CONCRETE BIKEWAY (6 INCH)		AGGREGATE BASE COURSE (CLASS 6)		AGGREGATE BASE COURSE (CLASS 3)		RECONDITIONING (12" DEEP) SY	GEOTEXTILE (SEPARATOR) (CLASS 1) SY	TOPSOIL (INCLUDING STOCKPILE)		REMARKS
			DEPTH (IN)	SY	DEPTH (IN)	TON	DEPTH (IN)	TON			DEPTH (IN)	CY	
25+46 - 32+41.50	695.5	10	6	780	6	240	9	360					Trail
25+46 - 32+41.50	695.5	4			12	190					6	60	Shoulders
25+46 - 32+41.50	695.5	15							1160	1160			Subgrade
32+93.50 - 41+70.30	876.8	10	6	980	6	300	9	450					Trail
32+93.50 - 41+70.30	876.8	4			12	240					6	70	Shoulders
32+93.50 - 41+70.30	876.8	15							1470	1470			Subgrade
34+41.47	18	8	6	16	6	10							Bench Pad
40+71.26	18	8	6	16	6	10							Bench Pad
TOTAL				1792		990		810	2630	2630		130	

TABULATION OF FENCING & PIPE STRUCTURES

STATION	SIDE	REMOVAL OF FENCE LF	FENCE WIRE WITH TREATED WOODEN POSTS LF	REMOVAL OF PIPE LF	18 INCH REINFORCED CONCRETE PIPE LF	8 INCH PVC PIPE (SDR-35) LF	MANHOLE SLAB BASE (10 FOOT) EA
30+55 - 32+41.50	RT	1100	192				
32+93.50 - 41+70.30	RT		868				
30+63.50				16	32		
30+55						35	
30+53.77	RT						1
TOTAL		1100	1060	16	72	35	1

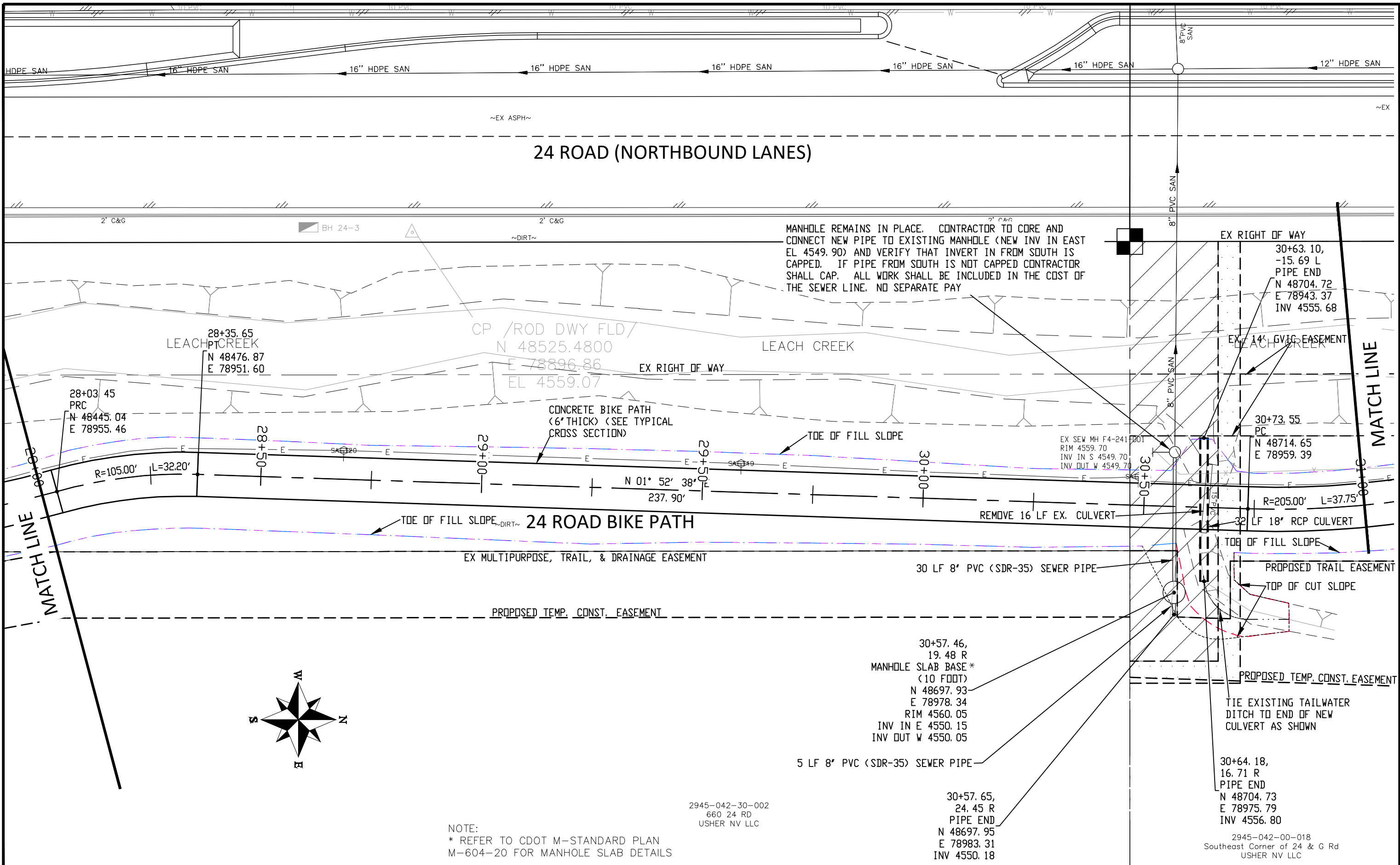
REVISION Δ REV 1	DESCRIPTION	DATE	DRAWN BY JCS	DATE 2021
REVISION Δ REV 2			DESIGNED BY JCS	DATE 2021
REVISION Δ REV 3			CHECKED BY KA	DATE OCTOBER 2022
REVISION Δ REV 4			APPROVED BY KH	DATE OCTOBER 2022

SEE PLAN FOR SCALE INFO



PUBLIC WORKS
ENGINEERING DIVISION
PROJECT NO. MTF M555-035

24 ROAD BIKE PATH
TABULATION OF QUANTITIES
December 5, 2022



MANHOLE REMAINS IN PLACE. CONTRACTOR TO CORE AND CONNECT NEW PIPE TO EXISTING MANHOLE (NEW INV IN EAST EL 4549.90) AND VERIFY THAT INVERT IN FROM SOUTH IS CAPPED. IF PIPE FROM SOUTH IS NOT CAPPED CONTRACTOR SHALL CAP. ALL WORK SHALL BE INCLUDED IN THE COST OF THE SEWER LINE. NO SEPARATE PAY

NOTE:
 * REFER TO CDOT M-STANDARD PLAN M-604-20 FOR MANHOLE SLAB DETAILS

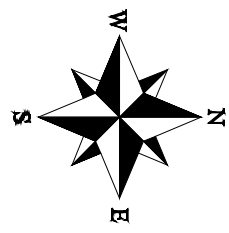
2945-042-30-002
 660 24 RD
 USHER NV LLC

30+57.46,
 19.48 R
 MANHOLE SLAB BASE *
 (10 FOOT)
 N 48697.93
 E 78978.34
 RIM 4560.05
 INV IN E 4550.15
 INV OUT W 4550.05

30+57.65,
 24.45 R
 PIPE END
 N 48697.95
 E 78983.31
 INV 4550.18

30+64.18,
 16.71 R
 PIPE END
 N 48704.73
 E 78975.79
 INV 4556.80

2945-042-00-018
 Southeast Corner of 24 & G Rd
 USHER NV LLC



REVISION	DESCRIPTION	DATE	DRAWN BY	DATE	SCALE
REVISION Δ REV 1			JCS	2021	0 5 10 20
REVISION Δ REV 2			JCS	2021	
REVISION Δ REV 3			KA	OCTOBER 2022	
REVISION Δ REV 4			KH	OCTOBER 2022	



**PUBLIC WORKS
 ENGINEERING DIVISION**
 PROJECT NO. MTF M555-035

**24 ROAD BIKE PATH
 BIKE PATH PLAN - 2**
 December 5, 2022