

CHANGE ORDER
For Local Public Agency Projects

No.: 1

Non-Substantial: ☒

Substantial: ☐

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): 38856

Project Number: TAP-R-2160(617)--8T-31

Contract Work Type: PCC Sidewalk/Trail

Local Public Agency: City of Dyersville

Contractor: Tschiggfrie Excavating Company

Date Prepared: May 15, 2023

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made:

Revise Plan Sheets C.3, D.6, S.1 and S.2 dated 05-15-23, as attached.

0170 Reduce Item "Detectable Warnings"

0200 Reduce Item "Perforated Square Steel Tube Posts"

0210 Reduce Item "Perforated Square Steel Tube Post Anchor, Break-Away Soil Installation"

0220 Reduce Item "Type A Signs, Sheet Aluminum"

0230 Reduce Item "Painted Pavement Markings, Waterborne or Solvent Based"

0300 Reduce Item "Mulching"

0330 Delete Item "Stabilizing Crop - Seeding and Fertilizing(Urban)"

8001 Add Item "Revise Grades & Reset Forms for Trail, Station 104+05", Non-participating

B - Reason for change:

0170, 0200, 0210, 0220, 0230 - Upon further review of the plan intent, the City of Dyersville determined the crossing shown at Station 134+90 is a private driveway and not a continuation of Beltline Road (a public street). For this reason the detectable warnings, crosswalk markings, and trail stop signs will not be installed at this driveway crossing location.

0300, 0330: Timing of construction operations allowed installation of permanent seed without the need for stabilization crop and associated mulching.

Revise Plan Sheets, 8001 - After grading and forms were set, but before concrete was placed, the City of Dyersville determined, due to how they perform snow clearing operations, the curb ramp roadway crossing needed modification with grades and the location of the detectable warning panels. The plans indicated going up in grade immediately at the edge of roadway pavement, the City would be plowing the roadway shoulder also, so have concerns since this is a rural section (not a curbed roadway) that the snowplow would clip the detectable warnings and trail. The placement of the detectable warnings is adjusted to be at the edge of the shoulder.

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

0170, 0200, 0210, 0220, 0230, 0300, 0330 - Contract Unit Price

8001 - Agreed Lump Sum

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):
0170, 0200, 0210, 0220, 0230, 0300, 0330 - Contract Unit Price
8001 - See attached cost justification.

E - Contract time adjustment: ☒ No Working Days added ☐ Working Days added: _____ ☐ Unknown at this time
Justification for selection:

F - Items included in contract:

Participating				For deductions enter as "-x.xx"		
Federal-aid	State-aid	Line Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
X		0170	2511-7528101 Detectable Warning	\$42.00	-40.000	-\$1,680.00
X		0200	2524-9276010 Perforated Square Steel Tube Posts	\$15.00	-12.000	-\$180.00
X		0210	2524-9276021 Perforated Square Steel Tube Post Anchor, Break-Away Soil Installation	\$91.00	-2.000	-\$182.00
X		0220	2524-93250001 Type A Signs, Sheet Aluminum	\$21.00	-4.500	-\$94.50
X		0230	2527-9263109 Painted Pavement Markings, Waterborne or Solvent Based	\$350.00	-4.050	-\$1,417.50
X		0300	2601-2634100 Mulching	\$860.00	-0.800	-\$688.00
X		0330	2601-2642120 Stabilizing Crop - Seeding and Fertilizing (Urban)	\$860.00	-1.400	-\$1,204.00
				Add Row	Delete Row	TOTAL
						-\$5,446.00

G - Items not included in contract:

Participating					For deductions enter as "-x.xx"		
Federal-aid	State-aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
		8001	2599-9999010	Revise Grades and Reset Forms for Trail, Station 104+05	\$1.00	2,320.000	\$2,320.00
			Add Row	Delete Row	TOTAL		\$2,320.00

H. Signatures

Signatures will be applied through DocExpress.

P:\20\043\DRAWINGS\CIVIL\20043 ZZ-C SHEETS.DWG 2023-05-15 15:32:56 ERIN URE

104-3
MODIFIED

DRAINAGE STRUCTURE BY ROAD CONTRACTOR

* Not a bid item
① Diameter or equivalent diameter

Pipe No.	Location	① Size IN	Kind of Pipe	Length New Const. LF	Design Cover (H) FT	Rodent Guards (Removable Fork) No.	Area Intake Center Of Rim				Flow Line Information								Skew Ahead Degrees		Remarks
							Inlet				Outlet				Lt.	Rt.					
Station	Offset	Side	Elevation	Station	Offset	Side	Elevation	Station	Offset	Side	Elevation	Station	Offset	Side	Elevation						
1	100+40	4	HDPE	24.5	1	2						100+40	4.05	LT	954.12	100+40	20.35	RT	951.88		
2	101+92	8	HDPE	28	1	2						102+00	6.00	LT	953.85	101+84.56	17.37	RT	953.55	34	
3	104+18	12	HDPE	28	1	2						104+38.84	8.26	RT	955.5	104+21.70	14.66	LT	955.20	9	
4	114+25	12	HDPE	26	1	2						114+25	7.45	RT	959.95	114+25	18.54	LT	959.70		
5	116+50	12	HDPE	28	1	2						116+50	6.82	RT	960.95	116+50	21.19	LT	959.18		
6	119+58	12	HDPE	34	2	1	119+70	5	RT	962.69	119+69.52	4.51	RT	960.75	119+48.62	21.06	LT	960.40	45	PAID FOR AS AREA INTAKE, 18 IN. DIA. WITH 12 IN. PLASTIC OUTLET PIPE, COMPLETE	
7	123+50	12	HDPE	25	1	2						123+50	7.53	RT	963.55	123+50	17.47	LT	963.25		
8	127+84	15	HDPE	58	1	2						127+60	7.32	RT	965.7	128+08.77	23.98	LT	963.25	57	
9	131+78	12	HDPE	50	1	2						132+00	7.55	RT	966.2	131+55.89	18.81	LT	965.70	57	

CHANGE ORDER #1

190-51 10-15-13																											
MATERIALS FOR TYPE 'A' SIGNS																											
TYPE A SIGNING TYPICALS	SIGN NUMBER	DIR OF TRAVEL	SIGN LOCATION STATION	WOOD POSTS		PERFORATED SQUARE STEEL TUBE							Steel Rect. Tube			TYPE A SIGN MOUNTING BRACKETS						INSTALLATION			REMARKS		
				NO. OF POSTS	4 x 6		LEG 1 FT	LEG 2 FT	LEG 3 FT	ANCHOR		NO. OF POSTS	POST LENGTH FT	ANCHORS EACH	ONE POST BRACKET	TWO POST	AUXILIARY	H	F	F1	TYPE	DIM 'X' FT	SEE SIGNING NOTES				
					LEG 1 FT	LEG 2 FT				CONC	SOIL													SLIPBASE			
	W14-2	EB	100+52.32				12					1															DIM 'X' RELATIVE TO BELTLINE RD, RELOCATED "NO OUTLET" SIGN
	R2-1	EB	101+84.94				11					1															DIM 'X' RELATIVE TO BELTLINE RD, RELOCATED "SPEED LIMIT 30" SIGN
	W11-2 w/W16-7PL	EB	103+75.87				12					1															DIM 'X' RELATIVE TO BELTLINE RD
	R1-1	EB	103+81.59				6					1															DIM 'X' RELATIVE TO TRAIL
	R1-1	WB	104+07.55				6					1															DIM 'X' RELATIVE TO TRAIL
	W11-2 w/W16-7PL	WB	104+13.27				12					1															DIM 'X' RELATIVE TO BELTLINE RD
	R2-1	WB	105+33.79				11					1															DIM 'X' RELATIVE TO BELTLINE RD, RELOCATED "SPEED LIMIT 25" SIGN
	R1-1	EB	134+73.24				6					1															DIM 'X' RELATIVE TO TRAIL
	R1-1	WB	134+07.61				6					1															DIM 'X' RELATIVE TO TRAIL
							6																				

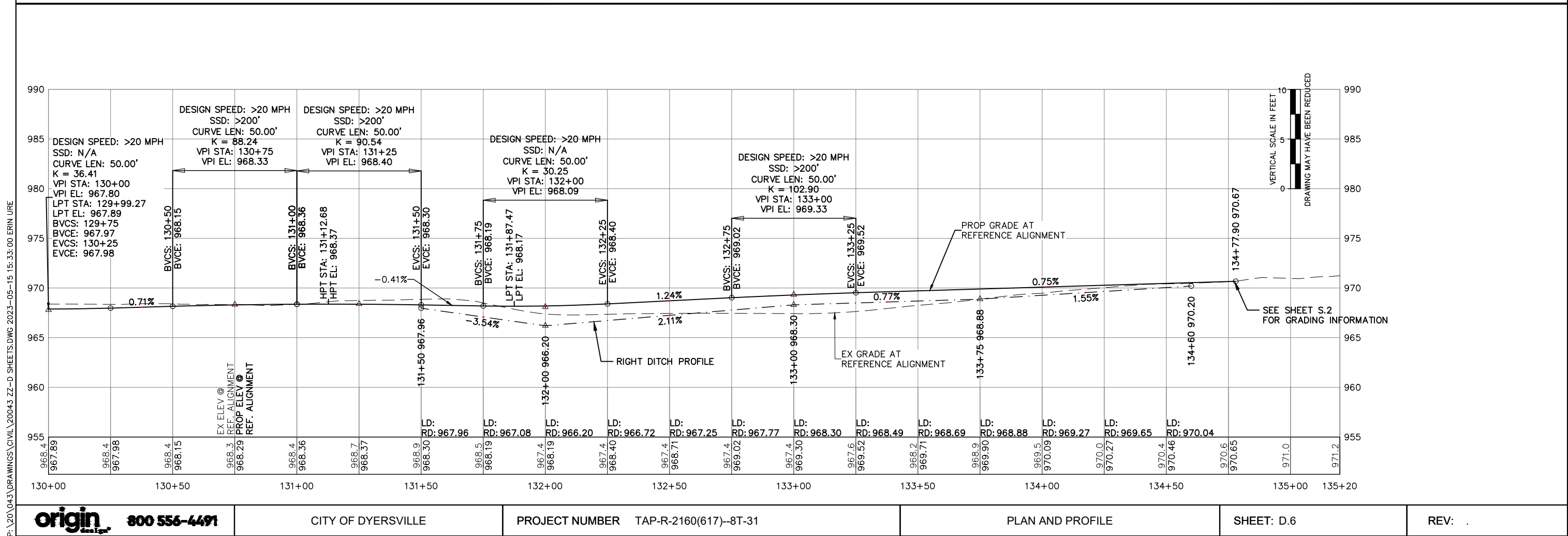
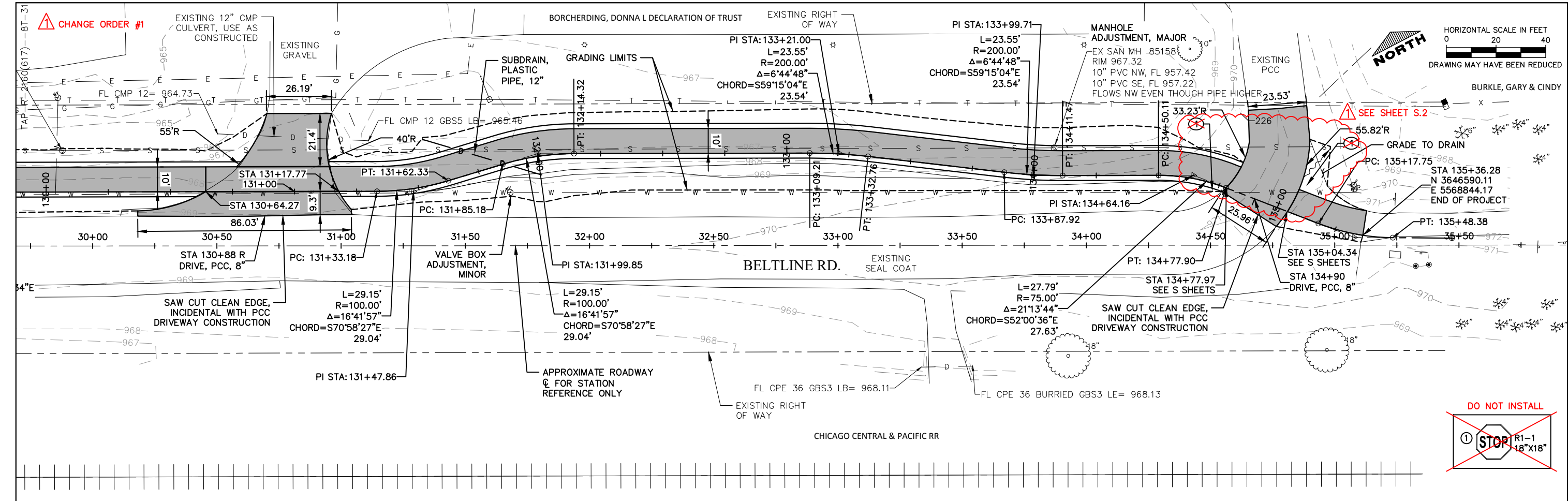
190-61 10-15-13									
EXISTING SIGNS TO BE REINSTALLED									
SIGN DESCRIPTION	DIRECTION OF TRAVEL	LOCATION STATION	NUMBER OF POSTS	SQUARE TUBE STEEL POSTS	WOOD POSTS 4" x 4" 4" x 6" LF LF		INSTALLATION TYPE DIM 'X'		SEE SIGNING NOTES
W14-2 "NO OUTLET" SIGN	EB	100+52					1.0	4'	REINSTALLED ON NEW POST, SEE TABULATION 190-51
R2-1 "SPEED LIMIT 30" SIGN	EB	101+78					1.0	6'	REINSTALLED ON NEW POST, SEE TABULATION 190-51
R2-1 "SPEED LIMIT 25" SIGN	WB	105+15					1.0	6'	REINSTALLED ON NEW POST, SEE TABULATION 190-51

190-66 10-21-14			
SUMMARY OF TYPE 'A' SIGNS			
Sign Number	Quantity EACH	Size IN	Total Sign Area SF
R1-1	4-2	18 X 18	9-0 4.5
W11-2	2	30 X 30	12.5
W16-7PL	2	24 X 12	4.0

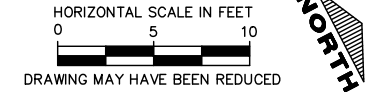
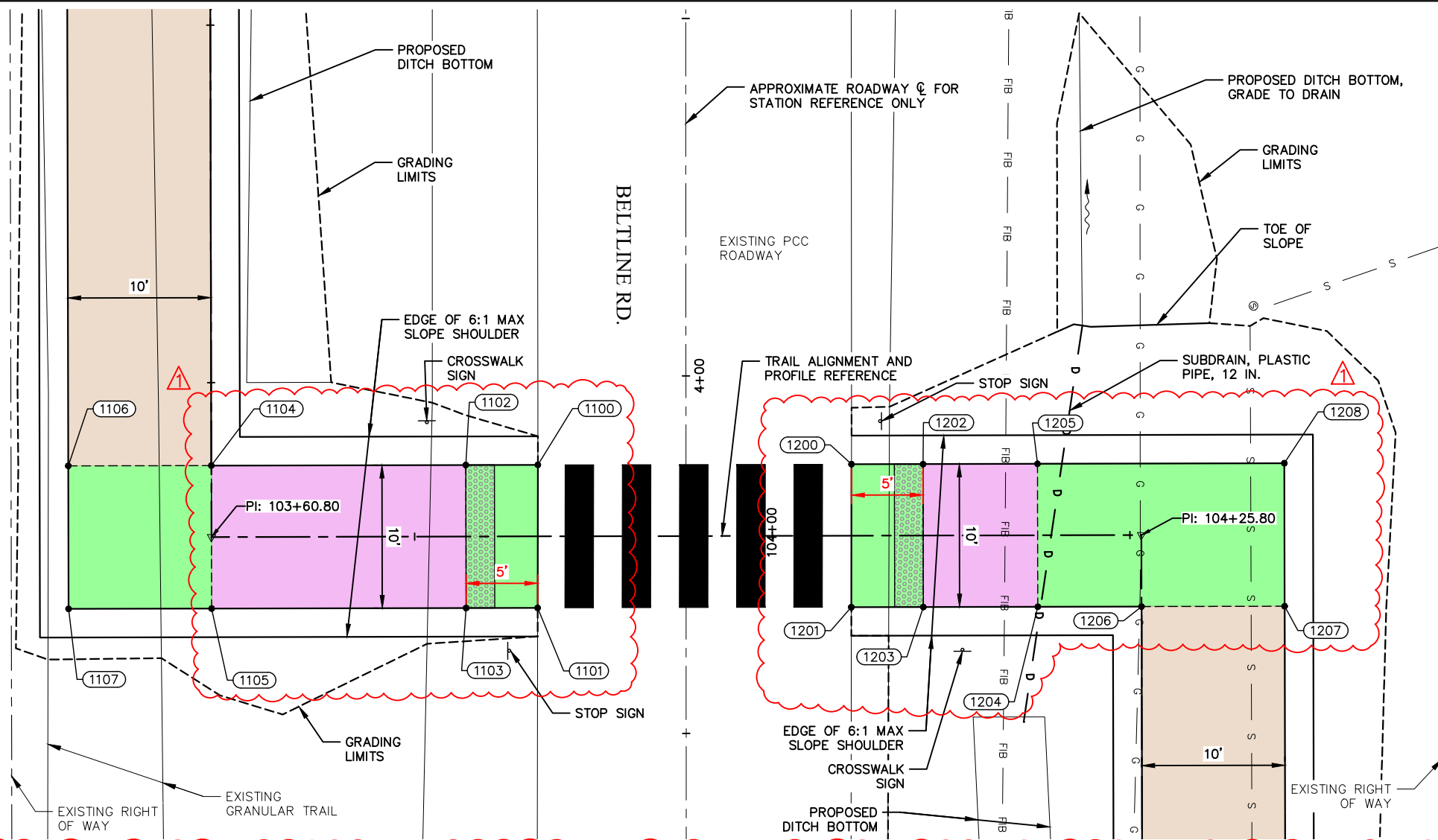
SIDEWALK CONSTRAINTS	
This Data Entry Sheet fills Tab 290-01 effective 04-15-14	
1. Widths: Widths listed in the S sheets are minimums.	
2. Cross Slopes: Construct all sidewalks, curb ramps, and landings/turning spaces at a target cross slope of 1.5%. Cross slopes exceeding 2.0% will not be allowed, except for areas tying into existing pavement. In these areas, transition from existing pavement cross slope to a cross slope of less than 2.0% within one panel at a rate not to exceed 1.0% per foot.	
3. Longitudinal Slopes: a. Sidewalk: i. Roadway slope exceeds 5.0%: Sidewalk longitudinal slope exceeding the roadway slope by more than 2.0% will not be allowed. ii. Roadway slope 5.0% or less: Sidewalk longitudinal slope exceeding 5.0% will not be allowed. b. Ramps: i. Ramps 15.0' in length or less: Longitudinal slope exceeding 8.3% will not be allowed. ii. Ramps greater than 15.0' in length: Construct with the longitudinal slope necessary to conform to the design.	
4. Landing/Turning Spaces: Longitudinal slopes exceeding 2.0% will not be allowed.	

108-22 04-16-13															
PAVEMENT MARKING LINE TYPES															
*BCY4 - Place on the same side of the roadway to match existing markings near the project. **NPY4 - For estimating purposes only. No Passing Zone Lines will be located in the field. CBW6: Crosswalk Bar (White) @ 15.00															
Location								Length by Line Type (Unfactored)							
Road ID	Station to Station	Dir. of Travel	Marking Type	Side	CBW6										Remarks
Beltline Rd	103+83.61 104+05.53	BOTH	Waterborne/Solvent Paint	L C R	STA	STA									Trail alignment.
Beltline Rd	134+77.90 135+04.40	BOTH	Waterborne/Solvent Paint	X	0.22	0.27									Trail alignment.
Factored Total & Bid Quantity: Waterborne/Solvent Paint					7.35	3.30									

Design For
HERITAGE TRAIL PAVING
FROM 11TH ST SE TO HERITAGE TRAIL
Station: .



CHANGE ORDER #1



LEGEND

- PROPOSED LANDING/TURNING AREA
- PROPOSED RECREATIONAL TRAIL
- PROPOSED RAMP
- PROPOSED DRIVEWAY, P.C. CONCRETE, 8"
- PROPOSED DETECTABLE WARNINGS

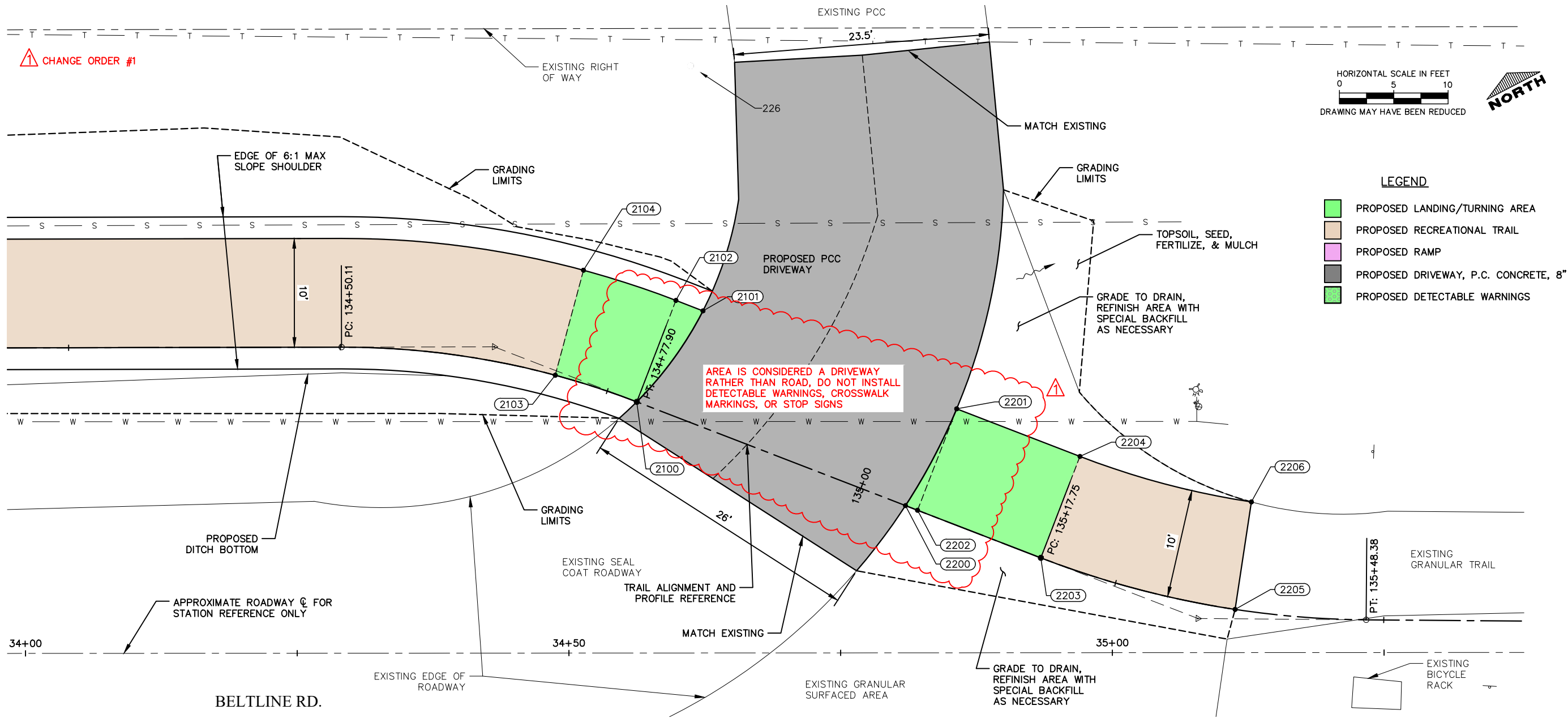
NOTE: MAINTAIN A MINIMUM OF 2" SPECIAL BACKFILL BELOW TRAIL PAVING IN THE REVISED AREAS. UNDERLYING SUBGRADE DOES NOT NEED TO BE RE-SHAPED TO PROVIDE THE FULL 6" INDICATED IN THE TYPICAL SECTIONS.

SIDEWALK COMPLIANCE

See S Sheets

- * Does not include curb
- 1 Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- 2 Refer to tabulation 113-01 for bid quantities.

Refer to Subsection 119-01 for Bid quantities.													FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
Point to Point		Sidewalk Designation	" PCC Recreational Trail ②	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? ①	Measured Slope	Initials	Remarks	Point	Northing	Easting	Elevation	
				FT	FT	%	Pos. or Neg.	%								
1100	1101	Crosswalk Cross Slope - No Yield Condition	6	10.00	0.03	0.3%	0.0% to 5.0%					1100	5566082.38	3648009.36	957.17	
1100	1102	Landing/Turning Space	6	5.04	-0.05	-0.9%	0.1% to 2.0%					1101	5566091.24	3648004.73	957.20	
1101	1103	Landing/Turning Space	6	5.00	-0.02	-0.5%	0.1% to 2.0%					1102	5566080.06	3648004.88	957.12	
1102	1103	Landing/Turning Space	6	10.00	0.06	0.6%	0.1% to 2.0%					1103	5566088.94	3648000.29	957.18	
1102	1104	Ramp Running Slope	6	17.79	-1.2	-6.8%	0.5% to 8.3%					1104	5566071.88	3647989.09	955.92	
1103	1105	Ramp Running Slope	6	17.79	-1.2	-6.8%	0.5% to 8.3%					1105	5566080.76	3647984.49	955.98	
1104	1105	Landing/Turning Space	6	10.00	0.06	0.5%	0.1% to 2.0%					1106	5566067.28	3647980.21	955.77	
1104	1106	Landing/Turning Space	6	10.00	-0.15	-1.5%	0.1% to 2.0%					1107	5566076.16	3647975.61	955.83	
1105	1107	Landing/Turning Space	6	10.00	-0.15	-1.5%	0.1% to 2.0%					1200	5566092.45	3648028.82	957.14	
1106	1107	Landing/Turning Space	6	10.00	0.06	0.5%	0.1% to 2.0%					1201	5566101.32	3648024.20	957.18	
1200	1201	Crosswalk Cross Slope - No Yield Condition	6	10.00	0.04	0.4%	0.0% to 5.0%	Yes				1202	5566094.76	3648033.26	957.05	
1200	1202	Landing/Turning Space	4	5.00	-0.09	-1.7%	0.1% to 2.0%						1203	5566103.64	3648028.66	957.13
1201	1203	Landing/Turning Space	4	5.03	-0.05	-1.0%	0.1% to 2.0%						1204	5566107.31	3648035.77	957.60
1202	1203	Landing/Turning Space	6	10.00	0.08	0.8%	0.1% to 2.0%					1205	5566098.43	3648040.37	957.50	
1202	1205	Ramp Running Slope	6	8.00	0.45	5.6%	0.5% to 8.3%					1206	5566110.65	3648042.21	957.49	
1203	1204	Ramp Running Slope	6	8.00	0.47	5.9%	0.5% to 8.3%					1207	5566115.25	3648051.09	957.34	
1204	1205	Landing/Turning Space	6	10.00	-0.1	-1.0%	0.1% to 2.0%					1208	5566106.37	3648055.69	957.24	
1204	1206	Landing/Turning Space	6	7.25	-0.11	-1.5%	0.1% to 2.0%									
1206	1207	Landing/Turning Space	6	10.00	-0.15	-1.5%	0.1% to 2.0%									
1205	1208	Landing/Turning Space	6	17.25	-0.26	-1.5%	0.1% to 2.0%									
1207	1208	Landing/Turning Space	6	10.00	-0.1	-1.0%	0.1% to 2.0%									



SIDEWALK COMPLIANCE

See S Sheets

113-10A
MODIFIED

- * Does not include curb
① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	- " PCC Recreational Trail ②	Distance*	Δ Elevation	Slope	Acceptable Constructed Range	Staking Required on this Quadrant? ①	Measured Slope	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
											Point	Northing	Easting	Elevation
2100	2101	Crosswalk Cross Slope - No Yield Condition	6	10.35	-0.05	-0.5%	0.0% to 5.0%				2100	3646632.47	5568804.15	970.67
2101	2102	Landing/Turning Space	6	2.67	-0.04	-1.3%	0.1% to 2.0%				2101	3646637.08	5568813.42	970.62
2100	2102	Landing/Turning Space	6	10.00	-0.09	-0.9%	0.1% to 2.0%				2102	3646639.08	5568811.66	970.59
2100	2103	Landing/Turning Space	6	7.89	-0.06	-0.8%	0.1% to 2.0%				2103	3646638.11	5568798.63	970.61
2102	2104	Landing/Turning Space	6	8.94	-0.12	-1.4%	0.1% to 2.0%				2104	3646645.47	5568805.40	970.46
2103	2104	Landing/Turning Space	6	10.00	-0.15	-1.5%	0.1% to 2.0%				2200	3646612.59	5568821.68	970.96
2200	2201	Crosswalk Cross Slope - No Yield Condition	6	10.07	-0.1	-1.0%	0.0% to 5.0%				2201	3646618.31	5568829.97	970.86
2200	2202	Landing/Turning Space	6	1.19	0.02	1.4%	0.1% to 2.0%				2202	3646611.70	5568822.46	970.98
2201	2202	Landing/Turning Space	6	10.00	0.12	1.2%	0.1% to 2.0%				2203	3646602.57	5568830.50	971.16
2201	2204	Landing/Turning Space	6	12.16	0.18	1.5%	0.1% to 2.0%				2204	3646609.19	5568838.01	971.04
2202	2203	Landing/Turning Space	6	12.16	0.18	1.5%	0.1% to 2.0%				2205	3646590.11	5568844.17	971.59
2203	2204	Landing/Turning Space	6	10.00	-0.12	-1.2%	0.1% to 2.0%				2206	3646598.19	5568850.06	971.47
2203	2205	Sidewalk Running Slope	6	18.49	0.43	2.3%	0.5% to 5.0%							
2204	2206	Sidewalk Running Slope	6	16.32	0.43	2.6%	0.5% to 5.0%							
2205	2206	Match Existing Cross Slope	6	10.00	-0.12	-1.2%	Match Existing							



425 Julien Dubuque Dr.
Dubuque, IA 52003

P.O. Box 3280
Dubuque, IA 52004

Ph: (563) 557-7450

Fx: (563) 557-7585

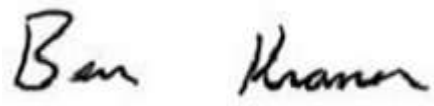
To:	CITY OF DYERSVILLE	Contact:	City of Dyersville
Address:	340 - 1st Ave E. Dyersville, IA 52040	Phone:	(563) 875-7724
		Fax:	(563) 875-8238
Project Name:	BO# 105 - Dubuque - Dyersville - PCC Sidewalk/Trail CO #1	Bid Number:	
Project Location:	Dyersville, IA	Bid Date:	5/2/2023

Line #	Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
1		SPECIAL BACKFILL	10.00	TON	\$17.00	\$170.00
2		REMOVE & RESET FORMS	1.00	LS	\$2,100.00	\$2,100.00
3		EXCAVATION, CL 10, RDWY+BORROW	5.00	CY	\$10.00	\$50.00

Total Bid Price: \$2,320.00

Notes:

- **The following items are included in this quote:**
- **The following items are NOT included in this quote:**
- Not Included: Any Surveying & Layout
- Not Included: Any Testing or Sampling of Materials
- Not Included: Cold Weather Protection for Paving or Subgrade
- Not Included: Removal of Hazardous or Contaminated materials
- Not Included: Over-excavation of poor soils
- Not Included: Any Bonding
- Not Included: Any Retainage
- Not Included: Any required Permits
- Not Included: Any Allowances
-
- **Special Notes for this quote:**
- Addendums are acknowledged
- All costs will be based on actual quantities installed
- Payment due 30 days from invoice
- This quote is applicable for 30 days after bid date
- Any applicable taxes will be an additional cost

ACCEPTED: The above prices, specifications and conditions are satisfactory and hereby accepted. Buyer: _____ Signature: _____ Date of Acceptance: _____	CONFIRMED: Tschiggfrie Exc. Co.  Authorized Signature: Estimator: Ben Kramer (563) 542-0586 bkramer@tschiggfrie.net
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TSCHIGGFRIE INVOICE

Project: Dyersville Heritage Trail

Bill To: Origin Design

Address: 137 Main St Suite 100

City, St, Zip: Dubuque, IA. 52001

Attn: Julie Neebel

Ph: 563-556-2464

Fx:

Location: Dyersville IA. 52040

Date Completed: Tue, May 02, 2023

LABOR & EQUIPMENT

DESCRIPTION	SKU#	QTY	UNITS	UNIT PRICE	TOTAL
Remove & Reset Forms					
Foreman	LA01	2.00	HRS	@ 155.00 =	\$310.00
Operator	LA02	4.00	HRS	@ 110.00 =	\$440.00
Laborer	LA03	12.00	HRS	@ 90.00 =	\$1,080.00
JD 60 Exc 6.8T	EX03	0.50	HRS	@ 170.00 =	\$85.00
CAT 257-287 Skid Loader - Track	LD01	1.00	HRS	@ 185.00 =	\$185.00

\$2,100.00

MATERIALS

DESCRIPTION	QTY	UNITS	UNIT PRICE	TOTAL
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\$0.00