

# Stanwood Camano School District

TO: Board of Directors  
FROM: Liz Jamieson, Director of Capital Projects  
Gary Platt, Chief Financial Officer – Capital Projects  
SUBJECT: SHS Change Order #10 – \$168,219.00 – Civil Work  
DATE: January 7, 2020  
TYPE: Action Needed

According to Board Policy No. 6957, construction Change Orders that exceed \$100,000.00 need Board approval.

Attached is Change Order (CO) No. 10 for the new Stanwood High School project, increasing the contract with Cornerstone General Contractors by the amount of \$168,219.00.

The CO is the last step in documenting agreed upon changes to the construction contract. These costs are presented to the architect and owner in the form of a Change Order Proposal (COP) created by the contractor in response to changes in the contract scope of work. CO No. 10 is primarily limited to changes in the work related to on-site or off-site civil construction. In this case, civil construction includes changes to items such as storm water system connections, culverts, asphalt demolition and replacement, and importing and exporting of soil or rock. These costs are increased, in accordance with the construction contract, by the general contractor for overhead and profit, engineering, administration, and temporary conditions.

The owner and architect teams have been working with the general contractor and its subcontractors for several months to clarify the scope of the changes and to negotiate costs. Cornerstone General Contractor's issued COP No. 20 which summarizes the final costs and scope of work agreed upon by the district and architect (McGranahan) and now formalized into CO No. 10. We have attached additional cost and scope of work details for your review.

A current change order log has been attached for your information. In our next capital projects board update we will focus on all contract changes in more detail and provide an updated change order log. A budget has been established for CO's for each project currently underway and sufficient capacity is available to cover the added cost of this CO and other Construction Change Directives (CCD's) and COP's in process. This CO does not change the project completion date.

Please let us know if you have any questions.

**Recommendation:**

We recommend the board *move to approve SHS Change Order #10 to the contract with Cornerstone General Contractors, Inc., for \$168,219.00, related to the new high school replacement project.*

**Stanwood High School - Phase 2**

Stanwood-Camano School District

**CHANGE ORDER**

Project: Stanwood High School - Phase 2 Architect's Project No.: 1426.000  
Stanwood-Camano School District No. 401  
 Architect: McGranahan Architects Change Order No.: 10  
 Contractor: Cornerstone General Contractors Date: January 3, 2020

Per the General Conditions of the Contract for Construction, this Change Order shall constitute full settlement for all costs and time adjustments, including all delay and impact costs and direct and indirect damages, including consequential damages, regardless of cause, related to this change.

**Plans and/or Specifications shall be changed as follows (refer to attachments for back-up information):**

CI#	Description	Amount
20	CCD -005R1 - Civil Changes per Permit Comments	\$168,219.00

**Total Change Order Amount:** \$168,219.00

Original Contract Amount: \$91,445,901.00  
 Previously Authorized Change Orders: \$741,143.00  
 Current Contract Amount: \$92,187,044.00

Original Date of Substantial Completion: August 26, 2021  
 Previously Authorized Change Orders: \_\_\_\_\_  
 Current Date of Substantial Completion: August 26, 2021  
 The Contract Time Will be : \_\_\_\_\_  
 Increased / Decreased / Unchanged by 0 Calendar Days.

Contract Amount will be:  
Increased / Decreased / Unchanged  
 by this Change Order in the amount of: \$168,219.00

The Revised Contract Amount as a result  
 of this Change Order therefor is: \$92,355,263.00

The date of Substantial Completion as a result  
 of this Change Order therefore is: August 26, 2021

**APPROVALS:**

Hildt Bubley 1/3/20  
 Architect: McGranahan Architects Date

Melissa Lewis 1/3/2020  
 Contractor: Cornerston General Contractors Date

Owner: Stanwood Camano SD Date



SCSD CHANGE ORDER LOG - STANWOOD H.S.

Phase 2 - Cornerstone GCI

Original Contract Amount: \$ 91,445,901

Print Date:  
1/3/2020

O = Owner  
OC = Owner Consultant  
GC = General Contractor  
A = Architect

S = Structural  
C = Civil  
L = Landscape  
MEP = Mechanical/Electrical/Plumbing

CCD #	COP	CO #	TITLE	DESCRIPTION	REF. DOCS	ATTACHMENTS	INITIATED BY x RESPONSIBLE r											DATE TO GC	DATE COSTS RECEIVED	APPROVED COST	CHANGE ORDER COST	CHANGE ORDERS TOTAL	CO Date Issued	Contract Total					
							O	AHJ	GC	A	S	C	K	L	MEP														
014	043	4	Footing Drain at Arbor Pit	Added footing drain and tightline to arbor pit. Includes OT to keep masons on schedule.	C23.10		x								r			04/29/19	08/23/19	\$14,254.00									
	015	4	Added Column at Expansion Joint		RFI 131				x			r								\$2,785.00									
	024	4	3" Sanitary to 2nd Flr		RFI 092				x							r				\$6,095.00									
	046	4	PAC Control Room Walls Ftg Drain and Waterproofing	Added waterproofing and footing drain tied into primary run at control booth per conversation in field.	RFI 256	Overlay pdf.	x				r						05/06/19	08/26/19	\$13,182.00										
	050	4	Field House Hip Splice		RFI 245				x		r									\$19,426.00									
	051	4	CIP Wall Area 2 Extension	Extend the COP to allow beam support embed to be fully casted into wall.	RFI 244, 5/55.02				x		r							08/27/19		\$8,436.00									
019	096	4	Saturday Masonry Work	Owner will pay OT differential for masonry crew for 5 Saturdays gain 5 days in the schedule for steel sequencing			r		x								05/21/19	08/26/19	\$17,551.00										
	53	5	2nd Floor Deck Support on Grid 26		RFI 324				x		r									\$5,285.00									
	67	5	WRB at Roof Edge	Added to complete envelope at	RFI 328															\$33,571.00									
	69	5	Grading East of Gym Access	Split cost with GC to assist with schedule					x											\$23,615.00									
	093	5	Revise Carpet Type to Tandus	Tandus roll good can be installed on slab with high moisture content. Other specified carpet could have required mitigation if slab moisture tests high. This would be a schedule concern.			x											07/30/19		\$33,275.00									
																				\$95,746.00									\$91,895,645.00
003	018	6	Gas and Air Modifications	Added notes indictaing valve type to lab gas and air connections.	M1.21, M1.23, M1.24, M1.25	All ref. docs			x						r		03/20/19		\$12,261.00										
	033	6	Field House - Footings at new CMU walls	No footings/thickened edge or demo shown on drawings at new CMU walls	RFI 149				x		r									\$39,855.00									
	48	6	Add P-6 Drain to Rm103D	Not shown on drawings	RFI 216				x						r					\$1,707.00									
	52	6	Re-route Irrigation at Field House	Unforeseen	RFI 304				x											\$6,761.00									
	54	6	Grandstand Repair Work	Additional repairs authorized by owner	RFI 279		x		x											\$15,432.00									
	106	6	MEP Seismic Joints	Not called out on drawings. Covers required	RFI 393				x						r					\$20,995.00		\$97,011.00						\$91,992,656.00	
007	002.1	7	Bathroom Shower Selections	Additional costs associated with additional parts required, clarified after CI-002 was paid.	RFI 014				x						r					\$6,113.00									
	032	7	Sac and Patch at EPRO	Specifications from EPRO not clear enough to bid required finish for waterproofing at cast in place walls.					x									08/27/19		\$49,588.00									
	112	7	Rm 241A Eye Wash & Floor Drain	Added drain for ice machine and relocated drain for eye wash station	RFI431				x						r					\$2,133.00									
045	121	7	Grandstand Letters	Eliminate lettering at back of grandstand from scope of work. No longer desired.	A4.01R	A4.01R	x			r							09/05/19			(\$1,100.00)									
	127	7	Horticulture Lab 254 Ductwork Change	Duct conflict with structure. Revised damper and duct size/location	RFI 438				x						r					\$727.00									
	131	7	Floor Sink	Scheduled floor sink not shown on plans.	RFI 211	M2.04R			x						r					\$3,129.00									
	136	7	Plate Extension at Brace Frame	Added field welded filler plate at BF	RFI 454	S7.08			x		r									\$2,222.00									
	141	7	Kitchen Electrical Devices	Electrical onlicts with structure and revised pony wall height.	RFI 482	S2.28			x		r	r								\$957.00									
	145	7	Concessions 217 Sink	Single bowl sink shown incorrectly.	RFI 457				x						r					\$2,921.00									
	147	7	Roof to Wall Term Bar	Modified roofing detail added membrane and flashing at roofing vertical termination.	RFI 488				x		r									\$12,117.00		\$78,807.00				11/11/19		\$92,071,463.00	

SCSD CHANGE ORDER LOG - STANWOOD H.S.

Phase 2 - Cornerstone GCI

Original Contract Amount: \$ 91,445,901

Print Date:  
1/3/2020

O = Owner  
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CCD #	COP	CO #	TITLE	DESCRIPTION	REF. DOCS	ATTACHMENTS	INITIATED BY x RESPONSIBLE r											DATE TO GC	DATE COSTS RECEIVED	APPROVED COST	CHANGE ORDER COST	CHANGE ORDERS TOTAL	CO Date Issued	Contract Total	
							O	AH	GC	A	S	C	K	L	MEP										
016	59	8	Fire Damper Changes	Changed (33) fire dampers to smoke dampers as required by code	M2.11, M2.21, M2.25, M2.33, M2.37, E3.11, E3.25, E3.33, E3.37, FA1.15, FA2.23, FA2.25, FA3.33, FA4.43	All ref. docs		x									r	05/29/19	11/21/19	\$77,125.00					
	123	8	Added Bent Plate at Slab	Edge closure detail at slab on metal deck modified	RFI 404	RFI 404, S2.33			x	r	r								12/01/19	\$3,212.00					
	126	8	Floor Drain Piping	No piping or trap primer shown on documents.	RFI 443	RFI 443			x								r		11/21/19	\$7,501.00					
	132	8	Detail Revisions	Structural detail revisions to column/baseplates	RFI 373	RFI 373			x		r								11/14/19	\$2,057.00					
	140	8	Exterior Upper Canopy Soffit Depth	Structural beams exposed below soffit framing. Extended soffit down.	RFI 477	RFI 477, A4.01			x	r									11/15/19	\$5,417.00	\$95,312.00	\$720,874.00	12/01/19	\$92,166,775.00	
	104	9	Steel zone 17 detail	Welded extension plates on beams with limited slotted connections.	RFI 416, RFI 417	RFI 416, RFI 417			x		r								08/29/19	\$2,741.00					
	149	9	C-Store Column/Wall	Column didn't land in wall. Changed wall type.	RFI 489	RFI 489, A2.11			x	r									11/17/19	\$833.00					
053	157	9	C-Store Pass through	Opening in wall not shown on architectural elevation.	CCD 053	ASK-014			x	r									11/17/19	\$940.00					
	158	9	Cost for Electrical Permit (Direct)	Milne applies for and picks up permit. District reimburses per contract.	AIA-A201		r	x											11/01/19	\$8,351.00					
	172	9	Roof Parapet Transition	Detailing at transition between metal wall panel and brick veneer.	RFI 529	RFI 529			x	r									11/14/19	\$7,404.00	\$20,269.00	\$741,143.00	12/03/19	\$92,187,044.00	

## Memorandum

CCD 005/CO 010 Summary

Via: Email

Page 1 of 12

From: Chris Lilley

January 3, 2020

- |  |   |
|--|---|
| ■ Liz Jamieson, SCSD                   | □ |
| ■ Steve Broback, McGranahan Architects | □ |

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Liz,

As you will recall, the permit review time for the High School project took significantly longer than the City had indicated in our pre-submittal discussions. We submitted for permit in August of 2018, expecting to have review comments within three months, which would have been prior to when the project went out to bid in November. Unfortunately, we did not receive our final permit review comments from the City for the civil and site development work until January of 2019, after the project had been bid and construction had started. Those comments included items that required changes to the design; changes that were not included in Cornerstone's bid. Construction Change Directive (CCD) 005 was issued to direct Cornerstone to incorporate those changes into their work. Change Order 010 reflects the final negotiated cost of those changes and formally incorporates them into the Contract for Construction.

Attached you will find a detailed breakdown of all the changes that was prepared by CPL. It lists the changes to the documents, sheet by sheet, indicating what comment they were in response to, what change was made to address the comment, and the cost impact of each change. The civil drawings are an interrelated set of documents. Changes to one will typically result in changes to several others, so there is a long list of individual changes. There are a handful of incidental changes, but the larger items can be summarized into the following categories:

- Additional storm water piping to address drainage in the public right of way during construction.
- Increases in the extent of public roads where the City required the paving to be ground and overlaid with new asphalt.
- A new storm water pipe crossing in 272<sup>nd</sup> Street in lieu of reusing an existing pipe.
- Demolition of existing storm water pipes and catch basins in adjacent roadways that were no longer going to be used. These had originally been assumed to be abandoned in place.
- Additional requirements to the storm water discharge at existing wetlands.

Please let me know if you need any additional information related to these changes.

Sincerely,

Chris

**Stanwood High School  
Change Order Proposal (COP)**



Date: 12/30/2019

Change Item: 20 - CCD#05 Civil Related Permit Changes

**Comments**

Costs associated with CCD#05 Civil Related Permit Revisions. Updated with further information on TayEx cost breakdown.

Self Perform Costs							
Description	Quantity	UOM	Labor		Mat/Equip		Total
			Unit Price	Total	Unit Price	Total	
Survey	60	HR	\$185.00	\$11,100.00	\$0.00	\$0.00	\$11,100
Layout + Total Station		HR	\$93.18		\$0.00		
Clean-up		HR	\$80.75		\$0.00		
Material Handling - Forklift		HR	\$80.75		\$45.00		
Dumpster		EA	\$0.00		\$1,500.00		
Procure	1	LS	\$0.00	\$0.00	\$200.00	\$200.00	\$200
Touch Up GWB/Paint		HR	\$80.75		\$0.00		
BIM Modeling/Detailing		HR	\$75.00		\$0.00		
Project Management		HR	\$115.00		\$0.00		
Project Engineer		HR	\$75.00		\$0.00		
Added Temp Fence Management	80	HR	\$80.75	\$6,460.00	\$0.00	\$0.00	\$6,460
Temp Fence	200	LF	\$0.00	\$0.00	\$4.25	\$850.00	\$850
Added Traffic Control Flaggers	80	HR	\$75.00	\$6,000.00	\$0.00	\$0.00	\$6,000
Added Traffic Control Rental	10	DAY	\$0.00	\$0.00	\$250.00	\$2,500.00	\$2,500
<b>Subtotals:</b>				<b>\$23,560</b>		<b>\$3,550</b>	<b>\$27,110</b>

Trade Contractor Costs	
Subcontractor/Supplier	Amount
Northwest Asphalt	\$14,514
LaRusso Concrete, Inc.	\$222
Taylor's Excavators Inc.	\$110,290
<b>Subtotal: \$125,026</b>	

<b>Subtotal</b>		<b>\$152,136.00</b>
Fee Compound Deduct Per Contract	-0.860%	(\$1,075.00)
Subtier	8.000%	\$10,002.00
Self Perform	15.000%	\$4,066.00
<b>Subtotal</b>		<b>\$165,129.00</b>
General Liability Insurance	0.600%	\$991.00
Perf. & Payment Bond	0.800%	\$1,321.00
B&O State Tax	0.471%	\$778.00
<b>*Total Direct Costs</b>		<b>\$168,219.00</b>

*We reserve our right for recovery of added costs and/or time resulting from the cumulative impact this change may have on cost and schedule as well as the potential unknown impacts this change may have on unchanged work.*

Submitted By: Kelsey Lewis

Approved By: Liz Jamieson (Date)

CCD-005 consisted of changes issued to the contract documents in February 2019 that were primarily based on addressing the final round of City permit review comments prior to City issuance of the civil/site construction permit approval. Original bid documents were issued in October 2018 with addendums issued to the bid documents in November of 2018 and opening of bids in late 2018. Final round of permit review comments from the City of Stanwood were received in January 2019. Therefor the finalization of the construction permits and the associated updates to drawings to address the City permit comments came after the bid was awarded and therefore the change order identified from CCD-005 is documented below. As most items are related to coordination with the School District and Design Team coordination with the City, the table below breaks down the City review comment, the associated direction issued to the contractor and a 4th column providing a more descriptive narrative of the change and reasons for the change. Items not associated with a City review comment are identified below as "Interdisciplinary Coordination Item".

SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
C21.02	<i>Sheet C21.02 Please add note describing how flow in existing 272nd storm drain is to be handled if demo in phase 2&amp;3 takes place prior to demo of existing pipes in phase 4 area.</i>	<b>Added</b> a note to temporarily intercept the existing storm system and connect to the proposed storm system.	<b>To address City of Stanwood concern for how the street drainage in 272nd would function during the interim period of reconstruction of the roadway and new proposed drainage system, additional construction notes and interim/temporary drainage connections were added to the construction/permit documents for the storm drainage system.</b>	<b>\$9,697.03</b>
		<b>Revised</b> extents of asphalt demo for new storm system.	<b>City of Stanwood permit review identified that the new storm drainage piping proposed along 272nd Street required additional sawcutting of existing asphalt and removal of asphalt for interim drainage construction needs.</b>	
		<b>Revised</b> extents of storm demolition and the associated paving demolition.	<b>In order to remove the existing storm pipe, sections of the asphalt in the roadway must be removed to access existing pipe.</b>	
C21.03	<i>Sheet C21.03 Please show CB#2042, CB#1951, and the 8" pipe connecting them to the 18" pipe to the east as being removed. This portion of the drainage system is being replaced by the proposed catch basins along the north side of this road.</i>	<b>Revised</b> extents of storm demolition to include CB #2042, #1951, and the 8" pipes connecting the structures to the 18" storm drain running east.	<b>Within the City's public roadway, abandonment of pipe was deemed not acceptable and full trenching and removing of pipe from the public roadway corridor was identified on the plans.</b>	<b>\$18,393.32</b>
		<b>Added</b> an existing pipe to be demolished.	<b>Demolition extents were revised to show complete removal of existing storm pipe in lieu of capping and abandoning existing piping.</b>	



SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
C21.08	<i>Sheet C21.08 In the southeast corner of this sheet a callout states the Phase 1 culvert to remain. Sheet C23.08 shows the northern portion of this pipe is to be replaced. Please callout the appropriate demo</i>	<b>Added</b> note to plan sheet reading "Phase 1 culvert north of this point to be removed and replaced during construction. Culvert south of this point to remain."	<b>Callout on construction plans revised to depict the removal of interim culvert installed in previous phase of High School project.</b>	<b>\$3,151.80</b>
C21.14		<b>Revised</b> extents of storm demolition and the associated paving demolition.	<b>Asphalt sawcutting and asphalt and storm pipe removal also identified on sheet C21.02 extends onto this sheet.</b>	<b>\$2,733.45</b>
C23.02	<i>Interdisciplinary design coordination item (non-permit item)</i>	<b>Added</b> a note to temporarily intercept the existing storm system and connect to the proposed storm system.	<b>Temporary storm connection made due to phasing between ALC and SHS projects.</b>	<b>\$43,149.12</b>
	<i>Interdisciplinary design coordination item (non-permit item)</i>	<b>Added</b> temporary storm pipe to intercept upstream flows in 272 <sup>nd</sup> Street NW.	<b>Add 18-feet of 12" pipe to connect to an existing storm pipe to the west for phasing purposed between the ALC and SHS projects.</b>	
	<i>Sheet C23.02 Please confirm there is sufficient room in SD#S7 to install both the existing 8" pipe and the proposed 12" side by side as shown on these plans.</i>	<b>Revised</b> location and invert elevation of SD#S7A and utility crossing information associated with the revision.	<b>Catch basin shifted east to allow sufficient space for all pipes connecting to the downstream catch basin.</b>	
	<i>Sheet C23.02 In SD#S5 the invert of the 8" IN pipe is lower than the OUT pipe. Please revise the plan accordingly.</i>	<b>Revised</b> invert elevation of SD#S5.	<b>Invert elevation raised to match the existing invert elevation.</b>	
		<b>Added</b> new 18" storm pipe from north parking lot to the existing storm system south of 272 <sup>nd</sup> Street NW in order to avoid a crossing conflict with the ROW storm system.	<b>As identified by the City of Stanwood in their permit review, a pipe conflict in 272nd between existing pipes going north south and new proposed drainage pipes in the roadway needed to be resolved. The existing storm pipe crossing 272nd running north-south caused a conflict with the proposed storm pipe running east-west in 272nd Street. There was extensive coordination about which areas of the Stanwood property would be conveyed to which wetland areas on-site in order to maintain the limited stormwater detention required to be constructed, and this coordination required that the large area being conveyed by that existing north-south storm pipe continue to be conveyed south from the parking lot into the High School, across 272nd be maintained. This requirement eliminated simpler solutions, so the best remaining solution was to install a new storm pipe crossing 272nd that did not conflict with the storm pipe running east-west.</b>	

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C23.03	Sheet C23.03 In the middle of the sheet there is a callout to intercept ex storm pipe at IE 128.21. This is 2.5' lower than the invert of this pipe at the existing CB (#1295). Unless this pipe is flowing downhill to the south (away from the intended flow) this design may have to be revised. Please confirm the anticipated inverts and utility conflicts between this pipe and SD#S2. Please revise as necessary	Added a note to intercept existing storm pipe and to verify the existing invert elevation prior to construction.	Invert elevation raised to match the existing invert elevation.	No or neutral construction costs identified for plan revisions
	Sheet C23.03 SD#S0 is expected to connect to an existing 18" concrete pipe. A type 1L CB is required to accommodate this size pipe. Please revise the plan accordingly	Revised SD#0 to be a CB Type 1-L.	A larger body catch basin was used to better suite the invert elevation for the City's public ally maintained storm system in 272nd.	
C23.08	Sheet C23.08 There is only 3" of cover over the pipe at SD#SE16. Please revise the plan to show a minimum of 2' of cover.	Revised invert elevation of SD#SE16.	The invert elevation was lowered to allow more cover over the pipe.	No or neutral construction costs identified for plan revisions
		Revised 6"x6" wye invert elevations between SD#SE15 and SD#SE16.	The wye was also adjusted to allow more cover over the pipe.	
	Sheet C23.08 The proposed storm drain system in 72nd Ave completely bypasses the detention system constructed in phase 1. Bypass is intended only for those areas downhill of detention. The proposed amount of bypass is unacceptable when a simple alternative is available. Install a 12" pipe between SD#L3 and SD#SE14A. This will allow most of the flow collected along 72nd to be conveyed to the detention system. The pipe shown between SD#L3 and SD#L2 would thus be redundant, it can be eliminated. This change will leave only the minimal bypass as intended in the DOE regulations (between SD#L2 and the connection to the ex CB#9100).	Revised downstream connection point from SD#L3.	The storm pipe was shifted to connect to a catch basin that would re-direct the stormwater to the detention vault and stormwater treatment system. Although part of the initial permit resubmittal, the City commented that they wanted the right-of-way construction limits to drain into the private detention system. This request was accommodated with no change to the size of the detention system.	
	Interdisciplinary design coordination item (non-permit item)	Revised location of a downspout connection.	Downspout shifted slightly to the west per architect direction and late coordination.	
C23.09	Interdisciplinary design coordination item (non-permit item)	Added one downspout connection.	Downspout connection and additional stormwater pipe added per architect direction and late coordination to connect the downspout to the storm system.	54,444.04

SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
C23.09	Sheet C23.09 As the utility crossing callout states, there is a conflict between two of the pipes on this sheet. The existing 12" water line runs into the proposed 12" pipe from SD#SE12. Please revise the plans to eliminate this conflict.	Revised invert elevation of SD#SE12 to avoid crossing conflict.	Invert elevation raised to avoid a utility conflict.	<del>\$4,444.94</del>
C23.10	Sheet C23.10 Near the upper middle of this sheet a proposed 8" storm drain pipe is connecting to an existing 12" pipe. It appears this junction is approximately 10' deep. Please show a type 2 CB at this junction.	Added Type II catch basin #572 at a connection to an existing storm pipe.	A deeper catch basin was used to better suite the invert elevation.	No or neutral construction costs identified for plan revisions
C23.14		Added 18" storm pipe downstream of existing catch basin CB1 #6734.	As mentioned above, drainage revisions described on sheet C23.02 required a new stormwater conveyance pipe be built to allow drainage from the northern portions of the project to the wetlands on the High School property.	\$7,159.56
C23.21	Sheet C23.21 Please revise the dispersal trench detail to add a 6' wide rock pad downslope of the grade board. Please specify 2"-4" washed rock.	Added a rock pad to Detail 11 with callout "Rock Pad Downstream of Grade Board Using 2"-4" Washed Rock."	During City's review, a substantial portion of coordination between the City, School District, and Design team was associated with the design and implementation of stormwater measures that allowed the stormwater discharge into the wetlands to be dispersed and discharged in a non-point discharge. As part of that coordination, the City required that additional rock pads be constructed downstream of dispersion grade boards. In order to have the permit approved, the City's request for additional rock armoring was implemented and issued to the contractor as a change.	\$9,849.00
C23.40		Revised storm profile for the revisions made to SD#SE16.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	No or neutral construction costs identified for plan revisions
		Revised storm profile for the revisions made to SD#SE12.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	
C23.41		Revised SD#S0 to be a Type 1-L catch basin.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	No or neutral construction costs identified for plan revisions
		Revised invert elevations of SD#S5.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	

SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
		Revised the location and invert elevation of SD#S7A.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	revisions
C23.42		Revised downstream connection point from SD#L3.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	No or neutral construction costs identified for plan revisions
C23.43		Delete catch basins SD#Q3 and SD#Q4A.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	No or neutral construction costs identified for plan revisions
		Revise the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm drainage sheets noted above.	
C23.44		Revised depths of the storm line between SD#X4C and Wetland C.	All changes shown in the storm profiles, which show a side view of the storm design, were accounted for in the storm sheets	No or neutral construction costs identified for plan revisions
C24.02	Sheet C24.02 The City standard is PVC or poly pipe for water connections. Please revise all the plans to show PVC or poly instead of copper pipe.	Revised 2" pipe to Polyethylene Pipe.	Water pipe updated to Polyethylene per the City.	No or neutral construction costs identified for plan revisions
		Added note that reads: "Cut and cap electrical for future connection in Phase ALC 2&3. See electrical plans."	Note added to reference Electrical plans.	
C24.03	Please provide profiles for all the linear improvements (stormwater, sewer main, water main, grade Sheet C24.03 As stated in comment #35 in the 1st review letter, the 12" water connection proposed in 272nd must be completed in phase 2 of this plan to avoid cutting the new pavement. Please show the water connection on this sheet, not on sheet C34.03. Please indicate a three-valve cluster, a reducer may be required at this connection, and a stub south of the right of way for the water line in phase 3 to be	Revised extents of the 12" DI water main constructed in Phase 2. 47 LF of 12" DI water was moved from sheet C34.03 to C24.03	This work was shifted from being depicted on civil Phase 3 drawings to being identified in civil Phase 2 to reduce the work being done in the City's Right-of-Way.	No or neutral construction costs identified for plan revisions
		Added two 12" gate valves (3 total) to 12" water connection to water main.	Two 12" gate valves added per the City of Stanwood request in permit review.	
C24.07		Revised 2" pipe to be Polyethylene Pipe.	Upon request from City of Stanwood, water piping material for 2" pipes revised to Polyethylene.	No or neutral construction costs identified for plan revisions

SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
C24.10		Revised the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope.	As requested by the City of Stanwood permit review process, the sewer pipe (being constructed by the School District, but to be owned and operated by the City of Stanwood) was requested to be lowered and the pipe slope reduced to maintain future potential for connections to the sewer main extension by others in the future. The slope of the sewer pipe across Highway 532 adjusted slightly.	No or neutral construction costs identified for plan revisions
C24.11	<i>Sheet C24.11 The City has determined the proposed sewer pipe from SS#3 under Hwy 532 and south to the existing manhole at the intersection of 72nd and 267th shall be constructed as low as possible. Maintain the IE 88.41 at the existing downhill manhole. Please lower the slope to 0.4% of all the pipes between this manhole and SS#3. Please also reduce the slope of the pipe from SS#3 to the eastern stub. Please extend the location of this stub past the sidewalk to the middle of the planting strip. Please revise the plans accordingly</i>	Revised the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.	As requested by the City of Stanwood permit review process, the sewer pipe (being constructed by the School District, but to be owned and operated by the City of Stanwood) was requested to be lowered and the pipe slope reduced to maintain future potential for connections to the sewer main extension by others in the future. The slope of the sewer pipe across Highway 532 adjusted slightly.	No or neutral construction costs identified for plan revisions
C24.40		Revised the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope.	As requested by the City of Stanwood permit review process, the sewer pipe (being constructed by the School District, but to be owned and operated by the City of Stanwood) was requested to be lowered and the pipe slope reduced to maintain future potential for connections to the sewer main extension by others in the future. The slope of the sewer pipe across Highway 532 adjusted slightly.	No or neutral construction costs identified for plan revisions
		Revised the Highway 532 sewer crossing profile to reflect the slope revision.	The slope of the sewer pipe across Highway 532 adjusted slightly, per the City of Stanwood request during permit review.	
C24.41		Revised the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope.	The slope of the sewer pipe across Highway 532 adjusted slightly, per the City of Stanwood request during permit review.	No or neutral construction costs identified for plan revisions

SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
		Revised the sewer profile to reflect the slope revision.	The slope of the sewer pipe across Highway 532 adjusted slightly, per the City of Stanwood request during permit review.	revisions
C24.42		Revised the Traffic Control Plan for the sewer installation.	City of Stanwood requested additional signage needed for traffic control during offsite sanitary sewer main installation.	\$864.00 \$8,500.00
C25.02	Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction"	Added note that reads: "Replace any street name or traffic sign displaced during construction."	This note added per the City of Stanwood.	\$13,480.81
		Revised extents of new full depth asphalt restoration for new storm installation.	The new storm instillation outlined above requires new full depth asphalt.	
		Added callouts to restripe existing parking spaces and restore existing fence for the new storm installation.	The new storm instillation outlined above requires restriping of the new asphalt.	
C25.03	Sheet C25.03 Please show the asphalt restoration where the water line installation occurs	Revised extents of ROW asphalt paving for water line connection during Phase 2.	This work was shifted from Phase 3 to Phase 2 to reduce the work being done in the right-of-way.	\$2,502.46
	Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction"	Added note that reads: "Replace any street name or traffic sign displaced during construction."	This note added per the City of Stanwood.	\$14,514.00
C25.04	Sheet C25.04 At the intersection of 272nd and 72nd extend the grind and overlay on the north side of 272nd to the centerline of 72nd.	Added Grind and Overlay area at intersection of 272 <sup>nd</sup> St and Lindstrom Road.	The grind and overlay extents were extended per the City of Stanwood request. This request was challenged by the School District and Design Team but due to need to get the permit the additional grind and overlay was added to the project scope.	\$222.00
	Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction"	Added note that reads: "Replace any street name or traffic sign displaced during construction."	This note added per the City of Stanwood.	
C25.07	Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction".	Added note that reads: "Replace any street name or traffic sign displaced during construction."	This note added per the City of Stanwood.	No or neutral construction costs identified for plan revisions

SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
C25.08	<i>Sheet C25.08 Extend the grind and overlay on the east side of 72nd to the full depth asphalt restoration for the water line.</i>	Added Grind and Overlay area along east side of Lindstrom Road.	<b>Original grind and overlay for the project improvements ended at the centerline of the road. In review comments from the City, additional grind and overlay extents were requested to full width of the City's Right-of-Way.</b>	<p style="text-align: center;">\$2,244.84 \$850 \$6,460.00</p>
	<i>Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction"</i>	Added note that reads: "Replace any street name or traffic sign displaced during construction."	<b>This note added per the City of Stanwood.</b>	
C25.09	<i>Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction".</i>	Added note that reads: "Replace any street name or traffic sign displaced during construction."	<b>This note added per the City of Stanwood.</b>	No or neutral construction costs identified for plan revisions
C25.10	<i>Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction".</i>	Added note that reads: "Replace any street name or traffic sign displaced during construction."	<b>This note added per the City of Stanwood.</b>	No or neutral construction costs identified for plan revisions
C25.11	<i>Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction".</i>	Added note that reads: "Replace any street name or traffic sign displaced during construction."	<b>This note added per the City of Stanwood.</b>	No or neutral construction costs identified for plan revisions
C25.14	<i>Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction"</i>	Added note that reads: "Replace any street name or traffic sign displaced during construction."	<b>This note added per the City of Stanwood.</b>	No or neutral construction costs identified for plan revisions
		Added new asphalt pavement for new storm line installation.	<b>This is the same pavement change as sheet C23.14, extending onto this page.</b>	
C25.15	<i>Please add a note to each of the paving plan sheets featuring the right of way (C25.02 –C25.11) "Replace any street name or traffic sign displaced during construction"</i>	Added note that reads: "Replace any street name or traffic sign displaced during construction."	<b>Original civil drawings identified new signage, this note added per the City of Stanwood. Credit provided for re-using existing signage in-lieu of new traffic sign.</b>	-\$500.96 (Credit)
		Added a note to temporarily intercept the existing storm system and connect to the proposed storm system.	<b>Interim drainage improvements required while permeant storm drainage system in 272nd was constructed. These items already covered on other sheets.</b>	
	<i>Sheet C26.01 Please show the proposed curb line grades on the profiles.</i>	Added proposed curb and flowlines to profile.	<b>These items already covered on other sheets.</b>	



SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
C26.01		Revised location and invert elevation of SD#S7A and utility crossing information associated with the revision.	These items already covered on other sheets.	\$500.70
		Revised invert elevation of SD#S5.	These items already covered on other sheets.	
		Added new 18" storm pipe from north parking lot to the existing storm system south of 272 <sup>nd</sup> Street NW in order to avoid a crossing conflict with the ROW storm system.	These items already covered on other sheets.	
		Added ethafoam pad for the revised storm crossing.	For pipes crossing with limited clearance between pipes an ethafoam pad is used to provide support between piping where mechanical compaction of soil is difficult to achieve.	
C26.02		Added proposed curb and flowlines to profile.	These items already covered on other sheets.	No or neutral construction costs identified for plan revisions
	Sheet C26.02 Please show SD#SOA and the pipe to the east on the profile.	Added SD#SOA and connecting pipe to profile.	These items already covered on other sheets.	
		Revised SD#0 to be a CB Type 1-L.	These items already covered on other sheets.	
		Revised extents of ROW asphalt paving for water line connection during Phase 2.	These items already covered on other sheets.	
C26.03		Added proposed curb and flowlines to profile.	These items already covered on other sheets.	No or neutral construction costs identified for plan revisions
		Revised location of match line to properly match the match line on sheet C26.04.	These items already covered on other sheets.	
C26.04		Added proposed curb and flowlines to profile.	These items already covered on other sheets.	No or neutral construction costs identified for plan revisions
		Added Grind and Overlay area at intersection of 272 <sup>nd</sup> St and Lindstrom Road.	These items already covered on other sheets.	
C26.05		Added proposed curb and flowlines to profile.	These items already covered on other sheets.	No or neutral construction costs identified for plan revisions
		Revised downstream connection point from SD#L3.	These items already covered on other sheets.	
		Added Grind and Overlay area along east side of Lindstrom Road.	These items already covered on other sheets.	
C26.06		Added proposed curb and flowlines to profile.	These items already covered on other sheets.	No or neutral construction costs identified for plan revisions
		Revised downstream connection point from SD#L3.	These items already covered on other sheets.	



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C31.02		Added demolition of the temporary storm pipe and manhole that were installed in Phase 2.	This is the demolition of the temporary storm pipe added on sheet 23.02.	No or neutral construction costs identified for plan revisions
C31.03		Revised extents of demolition for the revised water main installation.	This work was shifted from Phase 3 to Phase 2 to mainstream the work being done in the right-of-way.	No or neutral construction costs identified for plan revisions
C33.02		Revised depths of the storm line between SD#X4C and Wetland C.	Revised the storm invert elevation.	No or neutral construction costs identified for plan revisions
C33.03		Revised depths of the storm line between SD#X4C and Wetland C.	Revised the storm invert elevation.	-\$5,938.50 (Credit)
	<i>Sheet C33.03 There appears to be unnecessary catch basins between the flow splitter and the dispersal trenches around wetland A. It appears you could eliminate SD#Q3, SD#Q4A, and SD#Q4D without compromising the design. Unless there is a design component we are unaware of, a considerable cost savings could be had by eliminating these three type 2</i>	Delete catch basins SD#Q3 and SD#Q4A.	By adjusting several storm pipe invert elevations and connections, two catch basins were able to be removed from the design.	
		Revise the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.	By adjusting several storm pipe invert elevations and connections, two catch basins were able to be removed from the design.	
C33.04		Revise the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.	By adjusting several storm pipe invert elevations and connections, two catch basins were able to be removed from the design.	-\$1,441.50 (Credit)
C33.07		Revised depths of the storm line between SD#X4C and Wetland C.	By adjusting several storm pipe invert elevations and connections, two catch basins were able to be removed from the design.	No or neutral construction costs identified for plan revisions
C34.02		Revised 2" pipe to be Polyethylene Pipe.	Water pipe updated to Polyethylene per the City of Stanwood.	No or neutral construction costs identified for plan revisions
		Revised utility crossing information for the revised storm run between SD#X4C and Wetland C.	Revised the storm invert elevation.	

SHEET	CITY OF STANWOOD PERMIT REVIEW COMMENT	DRAWING CHANGE DESCRIPTION ISSUED TO CONTRACTOR	NARRATIVE FOR WHY THE CHANGES TO CONTRACT DOCUMENTS WERE GENERATED	PRICE CHANGE IDENTIFIED BY CONTRACTOR (NOT INCLUDING INSURANCE, BONDS, TAX)
C34.03	<i>Sheet C34.03 The connection to the existing water line and the line within the right of way will be shown on sheet C24.03. Please revise plan to show a connection to the stub installed in phase 2</i>	<b>Revised</b> extents of water main construction during this phase. 47 LF of 12" water line and associated callouts moved to sheet C24.03	<b>This work was shifted from Phase 3 to Phase 2 to reduce the work being done in the right-of-way.</b>	No or neutral construction costs identified for plan revisions
		<b>Revised</b> utility crossing information.	<b>This work was shifted from Phase 3 to Phase 2 to reduce the work being done in the right-of-way.</b>	
C35.03	<i>Sheet C35.03 Please revise this plan to show work in the right of way completed in phase 2.</i>	<b>Deleted</b> area of ROW asphalt paving that was moved to Phase 2.	<b>This work was shifted from Phase 3 to Phase 2 to reduce the work being done in the right-of-way.</b>	No or neutral construction costs identified for plan revisions
N/A			Cornerstone additional survey and Procore costs. Not tied to specific sheet revisions	\$11,100 \$200



PO Box 2260 | Renton, WA 98056  
 p: 425.254.1820 | f: 425.254.1821  
 www.nwasphalt.com

# CCD 005

Quoted to: Conerstone General Contractors  
 Attn: **Kelsey Lewis**  
 Address:  
 Phone: 425 269-8351  
 Email: [kelsey@cornerstonegci.com](mailto:kelsey@cornerstonegci.com)

Quote Date: 7/15/2019  
 Estimator: Andrew Varhley  
 Phone: (425) 223-0084  
 Email: [avarhley@nwasphalt.com](mailto:avarhley@nwasphalt.com)  
 Project: **Stanwood High School - Phase 2**  
 Location: **7400 272nd St NW  
 Stanwood, WA 98292**

QTY.	UNITS	DESCRIPTION	\$/UNIT	AMOUNT
<b>1</b>	<b>LS</b>	<b>Additonal Work</b>	<b>LS</b>	<b>\$ 14,514.00</b>
826	SF	Offsite pave 4"		
2,250	SF	Offsite 2" grind and overlay		
1,610	SF	Onsite pave 2.5"		
<b>Please note:</b> <ul style="list-style-type: none"> <li>• Prices for above stated items only.</li> <li>• Prices are based on the current cost of liquid asphalt and are subject to change.</li> <li>• Prices specifically exclude traffic control, permitting and testing.</li> </ul>			<b>TOTAL</b>	<b>\$ 14,514.00</b>
<small>SALES TAX WILL APPLY UNLESS CURRENT RESELLER PERMIT IS ON FILE          TERMS &amp; EXCLUSIONS ARE LISTED ON LAST PAGE. ACCEPTANCE OF THIS QUOTATION ACCEPTS THESE TERMS &amp; EXCLUSIONS.</small>				

Are you a contractor? Yes  No  Contractor Lic. # \_\_\_\_\_  
 Do you require retention withheld? Yes  No  Retention % \_\_\_\_\_  
 Are you exempt from sales tax? Yes  No  Resale Permit # \_\_\_\_\_

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed, Title: \_\_\_\_\_

**PLEASE NOTE THE FOLLOWING TERMS AND EXCLUSIONS WHICH APPLY TO ALL  
 QUOTATIONS/CONTRACTS UNLESS OTHERWISE INDICATED**  
 (SIGNATURE REQUIRED)



# CCD 005

**GENERAL TERMS**

- No work can be started until signed quotation/contract is received.
- Quotations must be signed and returned within 30 days. All quotations older than 30 days are null and void.
- Total price to be based on actual quantity or measurement unless indicated as lump sum (LS).
- Soil sterilization (weed killer), if included in the quotation/contract, will be applied at rates specified by manufacturer. Northwest Asphalt, Inc. is not responsible for any subsequent regrowth.
- All asphalt paving estimates are priced for placement upon a subgrade that is firm, unyielding and balanced within +/- 0.10 of subgrade elevation. Subgrades that are frozen, saturated or yielding are not acceptable for asphalt paving and will require a grade release.
- Only work specifically included in the quotation/contract will be performed. Additional work can be performed at an additional price.
- If payments for amounts due on this contract or any portion thereof are not paid in accordance with the terms of the contract, the contracting party agrees to pay all costs of collection which shall include reasonable fees if the matter is placed in the hands of an attorney for collection, or if suit shall be brought.

**PAYMENT TERMS**

- Payment in full due within 30 days of invoice date.
- A finance charge of 1.5% per month (annual percentage rate of 18.0%) will be imposed on any past due portion of your account.

**EXCLUSIONS**

- Prices are for stated items only, and exclude any items not specifically included such as but not limited to the following:
  - o Weekend work, night work, traffic control, flagging, job layout, utility adjustments, surveying, Washington state sales/use tax, permits & testing fees, multiple move-ins, irrigation (sprinkler) shut-off, underground utility locate, drainage less than 1%, survey and lay-out.

**YOUR SIGNATURE ON ONE COPY RETURNED TO US WILL MAKE THIS A LEGAL CONTRACT FOR THE PERFORMANCE OF THE ABOVE WORK. WE RESERVE THE RIGHT TO CANCEL IF UNIT PRICES INCREASE BEFORE NORTHWEST ASPHALT, INC. COMMENCES ACTUAL WORK ON THE PROJECT.**

Accepted by: \_\_\_\_\_

Printed, Title: \_\_\_\_\_

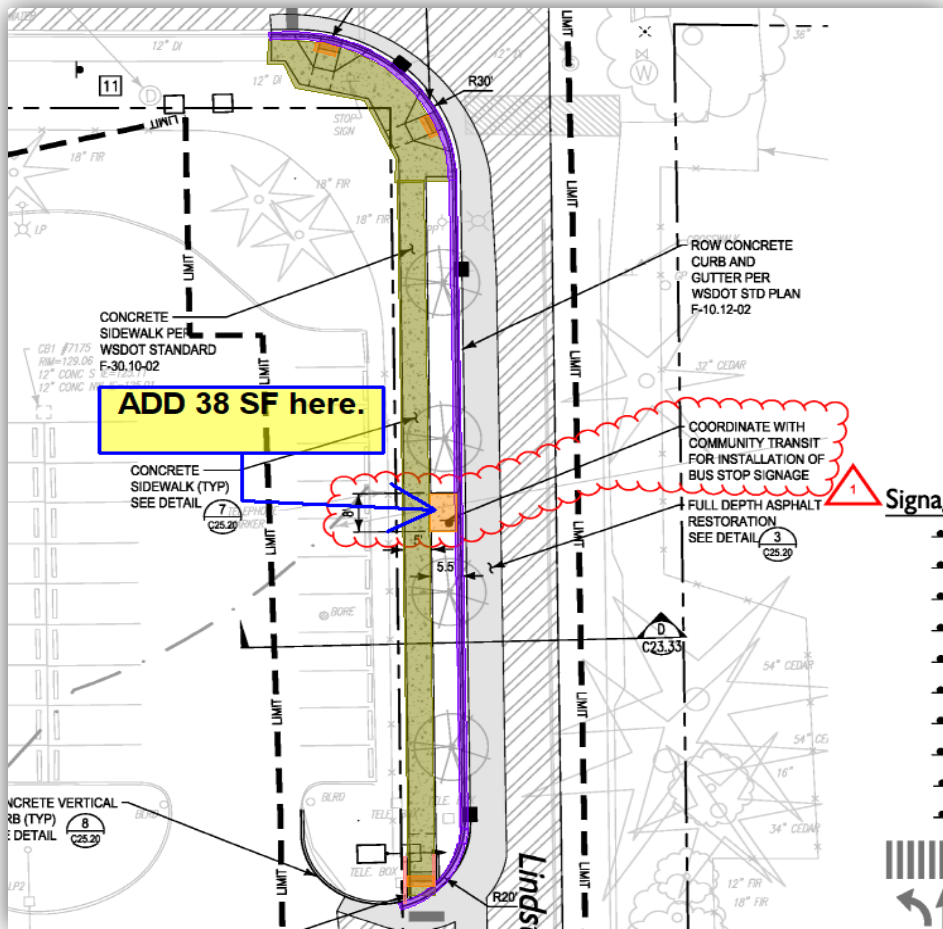
Date: \_\_\_\_\_

JOB: Cornerstone / Stanwood High School COR 3 CCD 005R1

8/21/19

**Item: Site Concrete: Provide & Install**  
ADD Sidewalk, 4" (7/C25.20)

Quantity	Units	Unit Price	Amount
38	SF	\$5.84	\$222



# PROPOSAL

ESTIMATE / PROPOSAL



3134 268<sup>TH</sup> ST NW  
STA NWOOD, WA 98292  
P 360 - 629 - 3078  
F 360 - 629 - 7368

Cornerstone General Contractors  
11805 North Creek Parkway S.  
Bothell, WA 98011

May 3, 2019

Re: Stanwood High School-CCD 005R1 Changes, Quantities Added

Attn: Kelsey Lewis

Please see below for our total CCD 005R1 change/lump sum request and a review of the CCD 005R1 changes that have a cost effect on our work. Other changes listed in CCD 005R1 not listed below, either have a balance of added & deleted costs/work, minor changes with no cost impacts or no cost impacts at all. Approximate quantities have been added below.

**CCD 005R1 Change Order Request-Lump Sum: \$110,290.07**

**-C21.02 Changes (\$9,697.03):**

- Add 12" SD & temporary connect to proposed storm system
- 20lf added pipe, 28ty added export, 35tons of trenching backfill
- Add demo & removal of SDMH #1428 and existing SD line to the north parking lot.
- 60lf added sawcut, 2ty added dirt and asphalt demo export, 1ton added crushed rock placement -Add demo & prep for new curb and ADA ramp to north parking lot west entrance.
- 160lf added sawcut, 10ty added concrete demo export, 313ty added dirt export

**-C21.03 Changes (\$18,393.32):**

- Add sawcut and demolition of asphalt areas
- Add demolition and removal of CB #2042, #1951 and SD lines along north and south sides of 272 St NW.
- 130lf added sawcut, 365ty added dirt export, 10ty added concrete demo, 460ton added trench backfill

**-C21.08 Changes (\$3,151.80):**

- Add removal of Ph 1 culvert.
- 41ty added dirt & concrete export, 46tons added trench backfill

**-C21.14 Changes (\$2,733.45):**

- Delete demo of asphalt walkway
- eliminate 38ty of asphalt demo
- Add demolition of chain link fencing
- 48lf of fence demo & removal, 46lf added saw cut, 1/2yd asphalt demo -Add trenching, SD piping and connection to CB #6734 in north parking lot.
- 20lf added pipe, 20ty added export, 25tons added trench backfill

**-C23.02 Changes (\$43,149.12):**

- Add SD#X4E & SD#X4C manholes and 18" SD line from south side to the north side parking lot.
- 185lf added pipe, 37sy added asphalt patching, 7ty added dirt export, 411tons added trench backfill

**-C23.09 Changes (\$4,444.94):**

- Delete 6" SD line work.
- Deleted 6" pipe line work offsets the same amount of 6" pipe added work.
- Add 6" SD line work (remaining qty after offset above).
- 73lf added pipe, 32ty added dirt export, 42tons added trench backfill

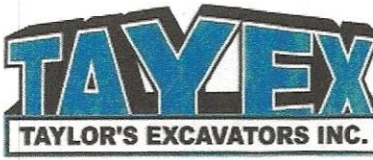
**-C23.14 Changes (\$7,159.56):**

- Add 6" SD Line, 2-SDCO and 2-6" DS connections.
  - 160lf added pipe, 2 added cleanouts, 2 added 6" downspouts, 72ty added dirt export, 90tons added trench backfill



# PROPOSAL

ESTIMATE / PROPOSAL



3134 268<sup>TH</sup> ST NW  
STA NWOOD, WA 98292  
P 360 - 629 - 3078  
F 360 - 629 - 7368

## (Changes Continued):

### -C23.21 Changes (\$9,849.00):

- Add Rock pad to Dispersal Trench
- 140ton added rock for dispersion pads

### -C24.42 Changes (\$864.00):

- Add 3 new posts and signs to shoulder of HWY 532.
- 2 added signs and posts to furnish, install & remove at a later date

### -C25.02 Changes (\$13,480.81):

- Add prep for new areas of asphalt.
- 32tons added gravel borrow subgrade fill, 17tons crushed rock base for asphalt surface

### -C25.03 Changes (\$2,502.46):

- Add prep for new areas of asphalt.
- 16tons added gravel borrow subgrade fill, 8ons crushed rock base placement for asphalt surface

### -C25.08 Changes (\$2,244.84):

- Add prep for temporary asphalt path.
- 6ons crushed rock base placement for asphalt surface

### -C25.15 Changes (-\$500.96):

- Delete sidewalk area.
- 25lf concrete walkway deletion

### -C26.01 Changes (\$500.70):

- Add Ethafoam pad under new R.O.W. 12" SD Line.

### -C33.03 Changes (-\$5,938.50):

- Delete new SD#Q3 and SD#Q4A catch basins and 12" SD line.
- Delete furnish & installation of 2-catch basins, 16lf of pipe, 16ty of dirt export, 20ton of trench backfill

### -C33.04 Changes (-\$1,441.50):

- Delete new 12" SD line.
- Delete 18lf of pipe, 22ty dirt export and 27tons of trench backfill

If you have any questions, please call.

Thank you,

Paul Mattson, Estimator



# Stanwood High School-PH 2 Work

**Contractor:** Stanwood-Camano School District  
**Location:** Stanwood High School  
**Job Type:** New Bldg, Demo School, New Field, ROW, Etc.

**Addendums:** CCD 005 Changes

**Bid Date:** 12/19  
**Bid Time:**  
**Bid Review By:** JT/PM

Item Description	Bid Item	Bid Units	Bid Unit Type	Cost per Unit w/o Markup	Markup %	Line Item Cost per Unit (w/Markup)	Each Line Item Cost Subtotal (w/o Markup)	Each Line Item Cost Subtotal (w/Markup)	Item Total
<b>C21.02</b>	<b>Add 20lf of 272nd St 12" SD Line &amp; Temp Connect to Exist</b>								<b>\$3,048.52</b>
	Subcontractor Bid	500.00	ea	\$ 1.00	15.00%	\$ 1.15	\$ 500.00	\$ 575.00	\$ -
trench spoils	Export Dirt-Lenz-Solo	28.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 269.64	\$ 310.09	\$ -
Pipe Bedding	Imp Pipe Bedding-Lenz-Solo	10.00	tn	\$ 14.25	15.00%	\$ 16.39	\$ 142.50	\$ 163.88	\$ -
Trench Backfill	Imp Gravel Borrow-Lenz-SOLO	25.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 303.75	\$ 349.31	\$ -
	Trench Box	0.25	dy	\$ 100.00	15.00%	\$ 115.00	\$ 25.00	\$ 28.75	\$ -
	300 Size Exc/Dy-PW	0.25	dy	\$ 1,600.00		\$ 1,600.00	\$ 400.00	\$ 400.00	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	0.25	dy	\$ 1,450.00		\$ 1,450.00	\$ 362.50	\$ 362.50	\$ -
	270 Sized Wheel Loader/Dy-PW	0.25	dy	\$ 1,240.00		\$ 1,240.00	\$ 310.00	\$ 310.00	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
	Rental Flagger (8hr day)-PW	0.25	dy	\$ 360.00		\$ 360.00	\$ 90.00	\$ 90.00	\$ -
	Rental Flagger (8hr day)-PW	0.25	dy	\$ 360.00		\$ 360.00	\$ 90.00	\$ 90.00	\$ -
	<b>Bid Component Total</b>						<b>\$ 2,862.39</b>	<b>\$ 3,048.52</b>	<b>\$ -</b>
<b>C21.02</b>	<b>Demo &amp; Prep for 272nd St of 54lf of Curb</b>								<b>\$866.42</b>
add to contract sawcuts	Parking Lot Sawcut	60.00	lf	\$ 4.00	15.00%	\$ 4.60	\$ 240.00	\$ 276.00	\$ -
dirt & asphalt	Export Wet Dirt-Lenz-Solo	1.00	ty	\$ 15.25	15.00%	\$ 17.54	\$ 15.25	\$ 17.54	\$ -
curb base	Imp 5/8" CSTC-Lenz-Solo	1.00	tn	\$ 19.90	15.00%	\$ 22.89	\$ 19.90	\$ 22.89	\$ -
	100 Sized Exc-W & WO-Hoepak/Dy-PW	0.25	dy	\$ 1,280.00		\$ 1,280.00	\$ 320.00	\$ 320.00	\$ -
& Labor	Skidsteer/Dy-PW	0.25	dy	\$ 920.00		\$ 920.00	\$ 230.00	\$ 230.00	\$ -
	<b>Bid Component Total</b>						<b>\$ 825.15</b>	<b>\$ 866.42</b>	<b>\$ -</b>
<b>C21.02</b>	<b>Demo 1 MH &amp; 203lf of 12" SD Line &amp; Prep for New MH &amp; Line</b>								<b>\$5,782.09</b>
	Parking Lot Sawcut	160.00	lf	\$ 4.00	15.00%	\$ 4.60	\$ 640.00	\$ 736.00	\$ -
	exp clean concrete-Lenz-SOLO	10.00	ty	\$ 14.85	15.00%	\$ 17.08	\$ 148.50	\$ 170.78	\$ -
	Export Dirt-Lenz-Solo	313.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 3,014.19	\$ 3,466.32	\$ -
	200 Sized Exc/Dy-PW	0.50	dy	\$ 1,360.00		\$ 1,360.00	\$ 680.00	\$ 680.00	\$ -
	General Labor-Per Dy-PW-w-Extras	0.50	dy	\$ 738.00		\$ 738.00	\$ 369.00	\$ 369.00	\$ -
street crossing	Rental Flagger (8hr day)-PW	0.50	dy	\$ 360.00		\$ 360.00	\$ 180.00	\$ 180.00	\$ -
street crossing	Rental Flagger (8hr day)-PW	0.50	dy	\$ 360.00		\$ 360.00	\$ 180.00	\$ 180.00	\$ -
	<b>Bid Component Total</b>						<b>\$ 5,211.69</b>	<b>\$ 5,782.09</b>	<b>\$ -</b>
<b>C21.03</b>	<b>Demo &amp; Prep for 272nd St of 2 street crosses and SD line demo</b>								<b>\$18,393.32</b>
trench spoils	Parking Lot Sawcut	130.00	lf	\$ 4.00	15.00%	\$ 4.60	\$ 520.00	\$ 598.00	\$ -
pipe & CB demo	Export Dirt-Lenz-Solo	365.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 3,514.95	\$ 4,042.19	\$ -
Trench Backfill	exp clean concrete-Lenz-SOLO	10.00	ty	\$ 14.85	15.00%	\$ 17.08	\$ 148.50	\$ 170.78	\$ -
	Imp Gravel Borrow-Lenz-SOLO	460.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 5,589.00	\$ 6,427.35	\$ -
	200 Sized Exc/Dy-PW	1.50	dy	\$ 1,360.00		\$ 1,360.00	\$ 2,040.00	\$ 2,040.00	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	1.50	dy	\$ 1,450.00		\$ 1,450.00	\$ 2,175.00	\$ 2,175.00	\$ -
& laborer	270 Sized Wheel Loader/Dy-PW	1.50	dy	\$ 1,240.00		\$ 1,240.00	\$ 1,860.00	\$ 1,860.00	\$ -
	Rental Flagger (8hr day)-PW	1.50	dy	\$ 360.00		\$ 360.00	\$ 540.00	\$ 540.00	\$ -
	Rental Flagger (8hr day)-PW	1.50	dy	\$ 360.00		\$ 360.00	\$ 540.00	\$ 540.00	\$ -
	<b>Bid Component Total</b>						<b>\$ 16,927.45</b>	<b>\$ 18,393.32</b>	<b>\$ -</b>



C21.08 Demo 45lf of onsite culvert to be removed								Item Total	\$3,151.80
trench spoils	Export Dirt-Lenz-Solo	36.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 346.68	\$ 398.68	\$ -
pipe & CB demo	exp clean concrete-Lenz-SOLO	5.00	ty	\$ 14.85	15.00%	\$ 17.08	\$ 74.25	\$ 85.39	\$ -
Trench Backfill	Imp Gravel Borrow-Lenz-SOLO	46.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 558.90	\$ 642.74	\$ -
	200 Sized Exc/Dy-PW	0.50	dy	\$ 1,360.00		\$ 1,360.00	\$ 680.00	\$ 680.00	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	0.50	dy	\$ 1,450.00		\$ 1,450.00	\$ 725.00	\$ 725.00	\$ -
& laborer	270 Sized Wheel Loader/Dy-PW	0.50	dy	\$ 1,240.00		\$ 1,240.00	\$ 620.00	\$ 620.00	\$ -
<b>Bid Component Total</b>							<b>\$ 3,004.83</b>	<b>\$ 3,151.80</b>	<b>\$ -</b>

C21.14 Field House Work Changes								Item Total	\$93.25
Delete Demo of Asphalt	exp asphalt-Lenz-SOLO	(38.00)	ty	\$ 14.15	15.00%	\$ 16.27	\$ (537.70)	\$ (618.36)	\$ -
	Parking Lot Sawcut	46.00	lf	\$ 4.00	15.00%	\$ 4.60	\$ 184.00	\$ 211.60	\$ -
Add 48lf of 4' tall chain link fence demo	Other Bid \$ Item	500.00	est	\$ 1.00		\$ 1.00	\$ 500.00	\$ 500.00	\$ -
<b>Bid Component Total</b>							<b>\$ 146.30</b>	<b>\$ 93.25</b>	<b>\$ -</b>

C21.14 Add 20lf of 12" SD line & Connect to Existing CB								Item Total	\$2,640.20
	Subcontractor Bid	500.00	ea	\$ 1.00	15.00%	\$ 1.15	\$ 500.00	\$ 575.00	\$ -
trench spoils	Export Dirt-Lenz-Solo	20.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 192.60	\$ 221.49	\$ -
Pipe Bedding	Imp Pipe Bedding-Lenz-Solo	10.00	tn	\$ 14.25	15.00%	\$ 16.39	\$ 142.50	\$ 163.88	\$ -
Trench Backfill	Imp Gravel Borrow-Lenz-SOLO	15.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 182.25	\$ 209.59	\$ -
	Trench Box	0.25	dy	\$ 100.00	15.00%	\$ 115.00	\$ 25.00	\$ 28.75	\$ -
	300 Size Exc/Dy-PW	0.25	dy	\$ 1,600.00		\$ 1,600.00	\$ 400.00	\$ 400.00	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	0.25	dy	\$ 1,450.00		\$ 1,450.00	\$ 362.50	\$ 362.50	\$ -
	270 Sized Wheel Loader/Dy-PW	0.25	dy	\$ 1,240.00		\$ 1,240.00	\$ 310.00	\$ 310.00	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
<b>Bid Component Total</b>							<b>\$ 2,483.85</b>	<b>\$ 2,640.20</b>	<b>\$ -</b>

C23.02 Add 179lf of 18" SD Line & 2 MH								Item Total	\$41,073.13
Structures & Pipe	Subcontractor Bid	10,000.00	ea	\$ 1.00	15.00%	\$ 1.15	\$ 10,000.00	\$ 11,500.00	\$ -
Asphalt Repave (330sf/37sy)	Subcontractor Bid	3,500.00	ea	\$ 1.00	15.00%	\$ 1.15	\$ 3,500.00	\$ 4,025.00	\$ -
Pipe Bedding	Imp Pipe Bedding-Lenz-Solo	108.00	tn	\$ 14.25	15.00%	\$ 16.39	\$ 1,539.00	\$ 1,769.85	\$ -
Trench Backfill	Imp Gravel Borrow-Lenz-SOLO	299.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 3,632.85	\$ 4,177.78	\$ -
	Trench Box	3.00	dy	\$ 100.00	15.00%	\$ 115.00	\$ 300.00	\$ 345.00	\$ -
	Manhole Trench Box	3.00	dy	\$ 150.00	15.00%	\$ 172.50	\$ 450.00	\$ 517.50	\$ -
	300 Size Exc/Dy-PW	3.00	dy	\$ 1,600.00		\$ 1,600.00	\$ 4,800.00	\$ 4,800.00	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	3.00	dy	\$ 1,450.00		\$ 1,450.00	\$ 4,350.00	\$ 4,350.00	\$ -
	270 Sized Wheel Loader/Dy-PW	3.00	dy	\$ 1,240.00		\$ 1,240.00	\$ 3,720.00	\$ 3,720.00	\$ -
	General Labor-Per Dy-PW-w-Extras	3.00	dy	\$ 738.00		\$ 738.00	\$ 2,214.00	\$ 2,214.00	\$ -
	General Labor-Per Dy-PW-w-Extras	3.00	dy	\$ 738.00		\$ 738.00	\$ 2,214.00	\$ 2,214.00	\$ -
street crossing	Rental Flagger (8hr day)-PW	2.00	dy	\$ 360.00		\$ 360.00	\$ 720.00	\$ 720.00	\$ -
street crossing	Rental Flagger (8hr day)-PW	2.00	dy	\$ 360.00		\$ 360.00	\$ 720.00	\$ 720.00	\$ -
<b>Bid Component Total</b>							<b>\$ 38,159.85</b>	<b>\$ 41,073.13</b>	<b>\$ -</b>



C23.02	Add 6lf of 272nd st 12" SD Line							Item Total	\$2,075.99
trench spoils Pipe Bedding Trench Backfill	Subcontractor Bid	250.00	ea	\$ 1.00	15.00%	\$ 1.15	\$ 250.00	\$ 287.50	\$ -
	Export Dirt-Lenz-Solo	7.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 67.41	\$ 77.52	\$ -
	Imp Pipe Bedding-Lenz-Solo	2.00	tn	\$ 14.25	15.00%	\$ 16.39	\$ 28.50	\$ 32.78	\$ -
	Imp Gravel Borrow-Lenz-SOLO	2.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 24.30	\$ 27.95	\$ -
	Trench Box	0.25	dy	\$ 100.00	15.00%	\$ 115.00	\$ 25.00	\$ 28.75	\$ -
	300 Size Exc/Dy-PW	0.25	dy	\$ 1,600.00		\$ 1,600.00	\$ 400.00	\$ 400.00	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	0.25	dy	\$ 1,450.00		\$ 1,450.00	\$ 362.50	\$ 362.50	\$ -
	270 Sized Wheel Loader/Dy-PW	0.25	dy	\$ 1,240.00		\$ 1,240.00	\$ 310.00	\$ 310.00	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
	Rental Flagger (8hr day)-PW	0.25	dy	\$ 360.00		\$ 360.00	\$ 90.00	\$ 90.00	\$ -
	Rental Flagger (8hr day)-PW	0.25	dy	\$ 360.00		\$ 360.00	\$ 90.00	\$ 90.00	\$ -
	<b>Bid Component Total</b>							<b>\$ 2,016.71</b>	<b>\$ 2,075.99</b>

C23.09	Add 73lf of west onsite open area 6" SD lines							Item Total	\$4,444.94	
6" add trench spoils Pipe Bedding Trench Backfill	Subcontractor Bid	600.00	ea	\$ 1.00	15.00%	\$ 1.15	\$ 600.00	\$ 690.00	\$ -	
	Export Dirt-Lenz-Solo	32.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 308.16	\$ 354.38	\$ -	
	Imp Pipe Bedding-Lenz-Solo	21.00	tn	\$ 14.25	15.00%	\$ 16.39	\$ 299.25	\$ 344.14	\$ -	
	Imp Gravel Borrow-Lenz-SOLO	21.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 255.15	\$ 293.42	\$ -	
	200 Sized Exc/Dy-PW	0.50	dy	\$ 1,360.00		\$ 1,360.00	\$ 680.00	\$ 680.00	\$ -	
	200 Sized Exc W-Hoepak/Dy-PW	0.50	dy	\$ 1,450.00		\$ 1,450.00	\$ 725.00	\$ 725.00	\$ -	
	270 Sized Wheel Loader/Dy-PW	0.50	dy	\$ 1,240.00		\$ 1,240.00	\$ 620.00	\$ 620.00	\$ -	
	General Labor-Per Dy-PW-w-Extras	0.50	dy	\$ 738.00		\$ 738.00	\$ 369.00	\$ 369.00	\$ -	
	General Labor-Per Dy-PW-w-Extras	0.50	dy	\$ 738.00		\$ 738.00	\$ 369.00	\$ 369.00	\$ -	
	<b>Bid Component Total</b>							<b>\$ 4,225.56</b>	<b>\$ 4,444.94</b>	<b>\$ -</b>

C23.14	Add 160lf of 6" SD Line, 2-6" C/O's, 2-6" Downspouts							Item Total	\$7,159.56
trench spoils Pipe Bedding Trench Backfill	Subcontractor Bid	800.00	ea	\$ 1.00	15.00%	\$ 1.15	\$ 800.00	\$ 920.00	\$ -
	Export Dirt-Lenz-Solo	72.00	ty	\$ 9.63	15.00%	\$ 11.07	\$ 693.36	\$ 797.36	\$ -
	Imp Pipe Bedding-Lenz-Solo	45.00	tn	\$ 14.25	15.00%	\$ 16.39	\$ 641.25	\$ 737.44	\$ -
	Imp Gravel Borrow-Lenz-SOLO	45.00	tn	\$ 12.15	15.00%	\$ 13.97	\$ 546.75	\$ 628.76	\$ -
	200 Sized Exc/Dy-PW	1.00	dy	\$ 1,360.00		\$ 1,360.00	\$ 1,360.00	\$ 1,360.00	\$ -
	270 Sized Wheel Loader/Dy-PW	1.00	dy	\$ 1,240.00		\$ 1,240.00	\$ 1,240.00	\$ 1,240.00	\$ -
	General Labor-Per Dy-PW-w-Extras	1.00	dy	\$ 738.00		\$ 738.00	\$ 738.00	\$ 738.00	\$ -
	General Labor-Per Dy-PW-w-Extras	1.00	dy	\$ 738.00		\$ 738.00	\$ 738.00	\$ 738.00	\$ -
	<b>Bid Component Total</b>							<b>\$ 6,757.36</b>	<b>\$ 7,159.56</b>

C23.21	Add Rock Pad at Dispersion Trench Grade Board							Item Total	\$9,849.00
	Imp Ballast-Lenz-Solo	140.00	tn	\$ 19.00	10.00%	\$ 20.90	\$ 2,660.00	\$ 2,926.00	\$ -
	270 Sized Wheel Loader/Dy-PW	3.50	dy	\$ 1,240.00		\$ 1,240.00	\$ 4,340.00	\$ 4,340.00	\$ -
	General Labor-Per Dy-PW-w-Extras	3.50	dy	\$ 738.00		\$ 738.00	\$ 2,583.00	\$ 2,583.00	\$ -
<b>Bid Component Total</b>							<b>\$ 9,583.00</b>	<b>\$ 9,849.00</b>	<b>\$ -</b>

C24.42	Add 3 new temp const signs on Hwy 532							Item Total	\$864.00
	Other Bid \$ Item	450.00	est	\$ 1.00	10.00%	\$ 1.10	\$ 450.00	\$ 495.00	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
	General Labor-Per Dy-PW-w-Extras	0.25	dy	\$ 738.00		\$ 738.00	\$ 184.50	\$ 184.50	\$ -
<b>Bid Component Total</b>							<b>\$ 819.00</b>	<b>\$ 864.00</b>	<b>\$ -</b>



C25.02	Prep for 504sf/56sy of Asph on 272nd St							Item Total	\$13,480.81
6" Cr Rock	Imp 5/8" CSTC-Lenz-Solo	17.00	tn	\$ 19.90	10.00%	\$ 21.89	\$ 338.30	\$ 372.13	\$ -
	12" Gravel Borrow	Imp Gravel Borrow-Lenz-SOLO	32.00	tn	\$ 12.15	10.00%	\$ 13.37	\$ 388.80	\$ 427.68
	100 Sized Exc-W-Hoepak/Dy-PW	3.00	dy	\$ 1,529.00		\$ 1,529.00	\$ 4,587.00	\$ 4,587.00	\$ -
	270 Sized Wheel Loader/Dy-PW	3.00	dy	\$ 1,240.00		\$ 1,240.00	\$ 3,720.00	\$ 3,720.00	\$ -
	General Labor-Per Dy-PW-w-Extras	3.00	dy	\$ 738.00		\$ 738.00	\$ 2,214.00	\$ 2,214.00	\$ -
	Rental Flagger (8hr day)-PW	3.00	dy	\$ 360.00		\$ 360.00	\$ 1,080.00	\$ 1,080.00	\$ -
	Rental Flagger (8hr day)-PW	3.00	dy	\$ 360.00		\$ 360.00	\$ 1,080.00	\$ 1,080.00	\$ -
<b>Bid Component Total</b>							<b>\$ 13,408.10</b>	<b>\$ 13,480.81</b>	<b>\$ -</b>

C25.03	Prep for 250sf/28sy of Asph on 272nd St							Item Total	\$2,502.46
6" Cr Rock	Imp 5/8" CSTC-Lenz-Solo	8.00	tn	\$ 19.90	10.00%	\$ 21.89	\$ 159.20	\$ 175.12	\$ -
	12" Gravel Borrow	Imp Gravel Borrow-Lenz-SOLO	16.00	tn	\$ 12.15	10.00%	\$ 13.37	\$ 194.40	\$ 213.84
	100 Sized Exc-W-Hoepak/Dy-PW	0.50	dy	\$ 1,529.00		\$ 1,529.00	\$ 764.50	\$ 764.50	\$ -
	270 Sized Wheel Loader/Dy-PW	0.50	dy	\$ 1,240.00		\$ 1,240.00	\$ 620.00	\$ 620.00	\$ -
	General Labor-Per Dy-PW-w-Extras	0.50	dy	\$ 738.00		\$ 738.00	\$ 369.00	\$ 369.00	\$ -
	Rental Flagger (8hr day)-PW	0.50	dy	\$ 360.00		\$ 360.00	\$ 180.00	\$ 180.00	\$ -
	Rental Flagger (8hr day)-PW	0.50	dy	\$ 360.00		\$ 360.00	\$ 180.00	\$ 180.00	\$ -
<b>Bid Component Total</b>							<b>\$ 2,467.10</b>	<b>\$ 2,502.46</b>	<b>\$ -</b>

C25.08	Prep for 295sf/33sy of temp asph path							Item Total	\$2,244.84
4" Cr Rock	Imp 5/8" CSTC-Lenz-Solo	6.00	tn	\$ 19.90	10.00%	\$ 21.89	\$ 119.40	\$ 131.34	\$ -
	100 Sized Exc-W-Hoepak/Dy-PW	0.50	dy	\$ 1,529.00		\$ 1,529.00	\$ 764.50	\$ 764.50	\$ -
	270 Sized Wheel Loader/Dy-PW	0.50	dy	\$ 1,240.00		\$ 1,240.00	\$ 620.00	\$ 620.00	\$ -
	General Labor-Per Dy-PW-w-Extras	0.50	dy	\$ 738.00		\$ 738.00	\$ 369.00	\$ 369.00	\$ -
	Rental Flagger (8hr day)-PW	0.50	dy	\$ 360.00		\$ 360.00	\$ 180.00	\$ 180.00	\$ -
	Rental Flagger (8hr day)-PW	0.50	dy	\$ 360.00		\$ 360.00	\$ 180.00	\$ 180.00	\$ -
<b>Bid Component Total</b>							<b>\$ 2,232.90</b>	<b>\$ 2,244.84</b>	<b>\$ -</b>

C25.15	Delete 25lf of new concrete walkway prep							Item Total	(\$500.96)
	Imp 5/8" CSTC-Lenz-Solo	(3.00)	tn	\$ 19.90	15.00%	\$ 22.89	\$ (59.70)	\$ (68.66)	\$ -
	100 Sized Exc-W-Hoepak/Dy-PW	(0.25)	dy	\$ 1,529.00		\$ 1,529.00	\$ (382.25)	\$ (382.25)	\$ -
	General Labor-PW-Per Hour w-Extras	(0.35)	dy	\$ 143.00		\$ 143.00	\$ (50.05)	\$ (50.05)	\$ -
<b>Bid Component Total</b>							<b>\$ (492.00)</b>	<b>\$ (500.96)</b>	<b>\$ -</b>

C26.01	Add Ethafoam under R.O.W. 12" SD Line							Item Total	\$500.70
Ethafoam	Other Bid \$ Item	252.00	est	\$ 1.00	15.00%	\$ 1.15	\$ 252.00	\$ 289.80	\$ -
	General Labor-Per Dy-PW-w-Asph Extra	0.15	dy	\$ 726.00		\$ 726.00	\$ 108.90	\$ 108.90	\$ -
	General Labor Per Dy-PW	0.15	dy	\$ 680.00		\$ 680.00	\$ 102.00	\$ 102.00	\$ -
<b>Bid Component Total</b>							<b>\$ 462.90</b>	<b>\$ 500.70</b>	<b>\$ -</b>



C33.03 Delete onsite 2-CB's & 16lf of 12"SD Line								Item Total	(\$5,938.50)
Structures & Pipe	Subcontractor Bid	-	ea	\$ 1.00	15.00%	\$ 1.15	\$ -	\$ -	\$ -
Asphalt Repave (330sf/37sy)	Subcontractor Bid	-	ea	\$ 1.00	15.00%	\$ 1.15	\$ -	\$ -	\$ -
trench spoils	Export Dirt-Lenz-Solo	-	ty	\$ 9.63	15.00%	\$ 11.07	\$ -	\$ -	\$ -
Pipe Bedding	Imp Pipe Bedding-Lenz-Solo	-	tn	\$ 14.25	15.00%	\$ 16.39	\$ -	\$ -	\$ -
Trench Backfill	Imp Gravel Borrow-Lenz-SOLO	-	tn	\$ 12.15	15.00%	\$ 13.97	\$ -	\$ -	\$ -
	Trench Box	-	dy	\$ 100.00	15.00%	\$ 115.00	\$ -	\$ -	\$ -
	Manhole Trench Box	(1.00)	dy	\$ 150.00	15.00%	\$ 172.50	\$ (150.00)	\$ (172.50)	\$ -
	300 Size Exc/Dy-PW	(1.00)	dy	\$ 1,600.00		\$ 1,600.00	\$ (1,600.00)	\$ (1,600.00)	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	(1.00)	dy	\$ 1,450.00		\$ 1,450.00	\$ (1,450.00)	\$ (1,450.00)	\$ -
	270 Sized Wheel Loader/Dy-PW	(1.00)	dy	\$ 1,240.00		\$ 1,240.00	\$ (1,240.00)	\$ (1,240.00)	\$ -
	General Labor-Per Dy-PW-w-Extras	(1.00)	dy	\$ 738.00		\$ 738.00	\$ (738.00)	\$ (738.00)	\$ -
	General Labor-Per Dy-PW-w-Extras	(1.00)	dy	\$ 738.00		\$ 738.00	\$ (738.00)	\$ (738.00)	\$ -
<b>Bid Component Total</b>							\$ (5,916.00)	\$ (5,938.50)	\$ -

C33.04 Delete onsite 18lf of 12" SD Line								Item Total	(\$1,441.50)
Structures & Pipe	Subcontractor Bid	-	ea	\$ 1.00	15.00%	\$ 1.15	\$ -	\$ -	\$ -
Asphalt Repave (330sf/37sy)	Subcontractor Bid	-	ea	\$ 1.00	15.00%	\$ 1.15	\$ -	\$ -	\$ -
trench spoils	Export Dirt-Lenz-Solo	-	ty	\$ 9.63	15.00%	\$ 11.07	\$ -	\$ -	\$ -
Pipe Bedding	Imp Pipe Bedding-Lenz-Solo	-	tn	\$ 14.25	15.00%	\$ 16.39	\$ -	\$ -	\$ -
Trench Backfill	Imp Gravel Borrow-Lenz-SOLO	-	tn	\$ 12.15	15.00%	\$ 13.97	\$ -	\$ -	\$ -
	Trench Box	-	dy	\$ 100.00	15.00%	\$ 115.00	\$ -	\$ -	\$ -
	300 Size Exc/Dy-PW	(0.25)	dy	\$ 1,600.00		\$ 1,600.00	\$ (400.00)	\$ (400.00)	\$ -
	200 Sized Exc W-Hoepak/Dy-PW	(0.25)	dy	\$ 1,450.00		\$ 1,450.00	\$ (362.50)	\$ (362.50)	\$ -
	270 Sized Wheel Loader/Dy-PW	(0.25)	dy	\$ 1,240.00		\$ 1,240.00	\$ (310.00)	\$ (310.00)	\$ -
	General Labor-Per Dy-PW-w-Extras	(0.25)	dy	\$ 738.00		\$ 738.00	\$ (184.50)	\$ (184.50)	\$ -
	General Labor-Per Dy-PW-w-Extras	(0.25)	dy	\$ 738.00		\$ 738.00	\$ (184.50)	\$ (184.50)	\$ -
<b>Bid Component Total</b>							\$ (1,441.50)	\$ (1,441.50)	\$ -

## **CONSTRUCTION CHANGE DIRECTIVE: 005R1 PERMIT RELATED CIVIL CHANGES**

### **CONTRACT MODIFICATION:**

The Contractor is hereby directed to make the following minor change(s) to the Work:

### **DRAWINGS (CIVIL ENGINEERING):**

#### Sheet C21.02

- A. **Added** a note to temporarily intercept the existing storm system and connect to the proposed storm system.
- B. **Revised** extents of asphalt demo for new storm system.
- C. **Revised** extents of storm demolition and the associated paving demolition.

#### Sheet C21.03

- A. **Revised** extents of storm demolition to include CB #2042, #1951, and the 8" pipes connecting the structures to the 18" storm drain running east.
- B. **Added** an existing pipe to be demolished.

#### Sheet C21.08

- A. **Added** note to plan sheet reading "Phase 1 culvert north of this point to be removed and replaced during construction. Culvert south of this point to remain."

#### Sheet C21.14

- A. **Revised** extents of storm demolition and the associated paving demolition.

#### Sheet C23.02

- A. **Added** a note to temporarily intercept the existing storm system and connect to the proposed storm system.
- B. **Added** temporary storm pipe to intercept upstream flows in 272<sup>nd</sup> Street NW.
- B. **Revised** location and invert elevation of SD#S7A and utility crossing information associated with the revision.
- C. **Revised** invert elevation of SD#S5.
- D. **Added** new 18" storm pipe from north parking lot to the existing storm system south of 272<sup>nd</sup> Street NW in order to avoid a crossing conflict with the ROW storm system.

#### Sheet C23.03

- A. **Added** a note to intercept existing storm pipe and to verify the existing invert elevation prior to construction.
- B. **Revised** SD#0 to be a CB Type 1-L.

CCD-005R1 Permit Related Civil Changes

Date: 15 April, 2019

To: Cornerstone Construction

Sheet C23.08

- A. **Revised** invert elevation of SD#SE16.
- B. **Revised** 6"x6" wye invert elevations between SD#SE15 and SD#SE16.
- C. **Revised** downstream connection point from SD#L3.
- D. **Revised** location of a downspout connection.

Sheet C23.09

- A. **Added** one downspout connection.
- B. **Revised** invert elevation of SD#SE12 to avoid crossing conflict.

Sheet C23.10

- A. **Added** Type II catch basin #572 at a connection to an existing storm pipe.

Sheet C23.14

- A. **Added** 18" storm pipe downstream of existing catch basin CB1 #6734.

Sheet C23.21

- A. **Added** a rock pad to Detail 11 with callout "Rock Pad Downstream of Grade Board Using 2"-4" Washed Rock."

Sheet C23.40

- A. **Revised** storm profile for the revisions made to SD#SE16.
- B. **Revised** storm profile for the revisions made to SD#SE12.

Sheet C23.41

- A. **Revised** SD#S0 to be a Type 1-L catch basin.
- B. **Revised** invert elevations of SD#S5.
- C. **Revised** the location and invert elevation of SD#S7A.

Sheet C23.42

- A. **Revised** downstream connection point from SD#L3.

CCD-005R1 Permit Related Civil Changes

Date: 15 April, 2019

To: Cornerstone Construction

Sheet C23.43

B. **Delete** catch basins SD#Q3 and SD#Q4A.

C. **Revise** the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.

Sheet C23.44

A. **Revised** depths of the storm line between SD#X4C and Wetland C.

Sheet C24.02

A. **Revised** 2" pipe to Polyethylene Pipe.

B. **Added** note that reads: "Cut and cap electrical for future connection in Phase ALC 2&3. See electrical plans."

Sheet C24.03

A. **Revised** extents of the 12" DI water main constructed in Phase 2. 47 LF of 12" DI water was moved from sheet C34.03 t C24.03.

B. **Added** two 12" gate valves (3 total) to 12" water connection to water main.

Sheet C24.07

A. **Revised** 2" pipe to be Polyethylene Pipe.

Sheet C24.10

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.

Sheet C24.11

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.

CCD-005R1 Permit Related Civil Changes

Date: 15 April, 2019

To: Cornerstone Construction

Sheet C24.40

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.

B. **Revised** the Highway 532 sewer crossing profile to reflect the slope revision.

Sheet C24.41

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.

B. **Revised** the sewer profile to reflect the slope revision.

Sheet C24.42

A. **Revised** the Traffic Control Plan for the sewer installation.

Sheet C25.02

A. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

B. **Revised** extents of new full depth asphalt restoration for new storm installation.

C. **Added** callouts to restripe existing parking spaces and restore existing fence for the new storm installation.

D. **Revised** extents of full depth asphalt restoration for the revised location of SD#S7A.

Sheet C25.03

A. **Revised** extents of ROW asphalt paving for water line connection during Phase 2.

B. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

Sheet C25.04

A. **Added** Grind and Overlay area at intersection of 272<sup>nd</sup> St and Lindstrom Road.

B. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

Sheet C25.07

A. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."



CCD-005R1 Permit Related Civil Changes

Date: 15 April, 2019

To: Cornerstone Construction

Sheet C25.08

A. **Added** Grind and Overlay area along east side of Lindstrom Road.

B. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

Sheet C25.09

A. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

Sheet C25.10

A. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

Sheet C25.11

A. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

Sheet C25.14

A. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

B. **Added** new asphalt pavement for new storm line installation.

Sheet C25.15

A. **Added** note that reads: "Replace any street name or traffic sign displaced during construction."

Sheet C26.01

A. **Added** a note to temporarily intercept the existing storm system and connect to the proposed storm system.

B. **Added** proposed curb and flowlines to profile.

C. **Revised** location and invert elevation of SD#S7A and utility crossing information associated with the revision.

D. **Revised** invert elevation of SD#S5.

E. **Added** new 18" storm pipe from north parking lot to the existing storm system south of 272<sup>nd</sup> Street NW in order to avoid a crossing conflict with the ROW storm system.

F. **Added** ethafoam pad for the revised storm crossing.

CCD-005R1 Permit Related Civil Changes

Date: 15 April, 2019

To: Cornerstone Construction

Sheet C26.02

- A. **Added** proposed curb and flowlines to profile.
- B. **Added** SD#S0A and connecting pipe to profile.
- C. **Revised** SD#0 to be a CB Type 1-L.
- D. **Revised** extents of ROW asphalt paving for water line connection during Phase 2.

Sheet C26.03

- A. **Added** proposed curb and flowlines to profile.
- B. **Revised** location of match line to properly match the match line on sheet C26.04.

Sheet C26.04

- A. **Added** proposed curb and flowlines to profile.
- B. **Added** Grind and Overlay area at intersection of 272<sup>nd</sup> St and Lindstrom Road.

Sheet C26.05

- A. **Added** proposed curb and flowlines to profile.
- B. **Revised** downstream connection point from SD#L3.
- C. **Added** Grind and Overlay area along east side of Lindstrom Road.

Sheet C26.06

- A. **Added** proposed curb and flowlines to profile.
- B. **Revised** downstream connection point from SD#L3.

Sheet C31.02

- A. **Added** demolition of the temporary storm pipe and manhole that were installed in Phase 2.

Sheet C31.03

- A. **Revised** extents of demolition for the revised water main installation.

CCD-005R1 Permit Related Civil Changes

Date: 15 April, 2019

To: Cornerstone Construction

Sheet C33.02

A. **Revised** depths of the storm line between SD#X4C and Wetland C.

Sheet C33.03

A. **Revised** depths of the storm line between SD#X4C and Wetland C.

B. **Delete** catch basins SD#Q3 and SD#Q4A.

C. **Revise** the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.

Sheet C33.04

A. **Revise** the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.

Sheet C33.07

A. **Revised** depths of the storm line between SD#X4C and Wetland C.

Sheet C34.02

A. **Revised** 2" pipe to be Polyethylene Pipe.

B. **Revised** utility crossing information for the revised storm run between SD#X4C and Wetland C.

Sheet C34.03

A. **Revised** extents of water main construction during this phase. 47 LF of 12" water line and associated callouts moved to sheet C24.03.

B. **Revised** utility crossing information.

Sheet C35.0

A. **Deleted** area of ROW asphalt paving that was moved to Phase 2.

Attachments: C21.02, C21.03, C21.08, C21.14, C23.02, C23.03, C23.08, C23.09, C23.10, C23.14, C23.21, C23.40, C23.41, C23.42, C23.43, C23.44, C24.02, C24.03, C24.07, C24.10, C24.11, C24.40, C24.41, C24.42, C25.02, C25.03, C25.04, C25.07, C25.08, C25.09, C25.10, C25.11, C25.14, C25.15, C26.01, C26.02, C26.03, C26.04, C26.05, C26.06, C31.02, C31.03, C33.02, C33.03, C33.04, C33.07, C34.02, C34.03, C35.03

2111 Pacific, Suite 100 Tacoma, Washington 98402

CCD-005R1 Permit Related Civil Changes  
Date: 15 April, 2019  
To: Cornerstone Construction

**PROPOSED CONTRACT ADJUSTMENTS:**

The Contract Sum will be adjusted on following basis:

- Lump Sum (increase) (decrease) of :
- As provided in Article 7 of the General Conditions or,
- As follows: Time and Materials:

The Contract Time will:

- Remain unchanged;
- (Increase) (Decrease) by    days or;
- Be adjusted as provided in Article 8 of the General Conditions.

*When issued by the Architect and approved by the Owner, this document shall serve as authorization to proceed with the Work as described above. The Contractor shall proceed IMMEDIATELY. When the actual adjustments to the Contract Sum and/or Contract Time are agreed to by the Architect, Owner and Contractor, this Work shall be added to the Contract by Change Order.*

Issued By: \_\_\_\_\_  
McGranahan Architects

Date: \_\_\_\_\_

Approved By: \_\_\_\_\_  
Owner

Date: \_\_\_\_\_

*Signature below indicates the Contractor’s acknowledgement of the direction to proceed with the Work immediately. The Contractor  (agrees)  (disagrees) with the proposed method of adjustment in the Contract Sum and Contract Time.*

Accepted By: \_\_\_\_\_  
Contractor

Date: \_\_\_\_\_

**DRAWINGS (CIVIL ENGINEERING):**

Sheet C21.02

- A. **Added** a note to temporarily intercept the existing storm system and connect to the proposed storm system.
- B. **Revised** extents of asphalt demo for new storm system.
- C. **Revised** extents of storm demolition and the associated paving demolition.

Sheet C21.03

- A. **Revised** extents of storm demolition to include CB #2042, #1951, and the 8" pipes connecting the structures to the 18" storm drain running east.
- B. **Added** an existing pipe to be demolished.

Sheet C21.08

- A. **Added** note to plan sheet reading "Phase 1 culvert north of this point to be removed and replaced during construction. Culvert south of this point to remain."

Sheet C21.14

- A. **Revised** extents of storm demolition and the associated paving demolition.

Sheet C23.02

- A. **Added** a note to temporarily intercept the existing storm system and connect to the proposed storm system.
- B. **Added** temporary storm pipe to intercept upstream flows in 272<sup>nd</sup> Street NW.
- B. **Revised** location and invert elevation of SD#S7A and utility crossing information associated with the revision.
- C. **Revised** invert elevation of SD#S5.
- D. **Added** new 18" storm pipe from north parking lot to the existing storm system south of 272<sup>nd</sup> Street NW in order to avoid a crossing conflict with the ROW storm system.

Sheet C23.03

- A. **Added** a note to intercept existing storm pipe and to verify the existing invert elevation prior to construction.
- B. **Revised** SD#0 to be a CB Type 1-L.

Sheet C23.08

- A. **Revised** invert elevation of SD#SE16.
- B. **Revised** 6"x6" wye invert elevations between SD#SE15 and SD#SE16.
- C. **Revised** downstream connection point from SD#L3.
- D. **Revised** location of a downspout connection.

Sheet C23.09

- A. **Added** one downspout connection.
- B. **Revised** invert elevation of SD#SE12 to avoid crossing conflict.

Sheet C23.10

- A. **Added** Type II catch basin #572 at a connection to an existing storm pipe.

Sheet C23.14

A. **Added** 18” storm pipe downstream of existing catch basin CB1 #6734.

Sheet C23.21

A. **Added** a rock pad to Detail 11 with callout “Rock Pad Downstream of Grade Board Using 2”-4” Washed Rock.”

Sheet C23.40

A. **Revised** storm profile for the revisions made to SD#SE16.  
B. **Revised** storm profile for the revisions made to SD#SE12.

Sheet C23.41

A. **Revised** SD#S0 to be a Type 1-L catch basin.  
B. **Revised** invert elevations of SD#S5.  
C. **Revised** the location and invert elevation of SD#S7A.

Sheet C23.42

A. **Revised** downstream connection point from SD#L3.

Sheet C23.43

B. **Delete** catch basins SD#Q3 and SD#Q4A.  
C. **Revise** the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.

Sheet C23.44

A. **Revised** depths of the storm line between SD#X4C and Wetland C.

Sheet C24.02

A. **Revised** 2” pipe to Polyethylene Pipe.  
B. **Added** note that reads: “Cut and cap electrical for future connection in Phase ALC 2&3. See electrical plans.”

Sheet C24.03

A. **Revised** extents of the 12” DI water main constructed in Phase 2. 47 LF of 12” DI water was moved from sheet C34.03 to C24.03.  
B. **Added** two 12” gate valves (3 total) to 12” water connection to water main.

Sheet C24.07

A. **Revised** 2” pipe to be Polyethylene Pipe.

Sheet C24.10

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.

Sheet C24.11

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.

Sheet C24.40

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.  
B. **Revised** the Highway 532 sewer crossing profile to reflect the slope revision.

Sheet C24.41

A. **Revised** the sewer pipe crossing under Highway 532 lowered to 0.4%. The invert leaving the existing manhole under 267th kept at 88.41'. The upstream system routing from the existing 267th structure to the existing structure SSMH #3 installed in Phase 1 lowered to maintain a 0.4% slope. Utility crossings were revised.  
B. **Revised** the sewer profile to reflect the slope revision.

Sheet C24.42

A. **Revised** the Traffic Control Plan for the sewer installation.

Sheet C25.02

A. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”  
B. **Revised** extents of new full depth asphalt restoration for new storm installation.  
C. **Added** callouts to restripe existing parking spaces and restore existing fence for the new storm installation.  
D. **Revised** extents of full depth asphalt restoration for the revised location of SD#S7A.

Sheet C25.03

A. **Revised** extents of ROW asphalt paving for water line connection during Phase 2.  
B. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C25.04

A. **Added** Grind and Overlay area at intersection of 272<sup>nd</sup> St and Lindstrom Road.  
B. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C25.07

A. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C25.08

A. **Added** Grind and Overlay area along east side of Lindstrom Road.  
B. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C25.09

A. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C25.10

A. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C25.11

A. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C25.14

A. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”  
B. **Added** new asphalt pavement for new storm line installation.

Sheet C25.15

A. **Added** note that reads: “Replace any street name or traffic sign displaced during construction.”

Sheet C26.01

A. **Added** a note to temporarily intercept the existing storm system and connect to the proposed storm system.  
B. **Added** proposed curb and flowlines to profile.  
C. **Revised** location and invert elevation of SD#S7A and utility crossing information associated with the revision.  
D. **Revised** invert elevation of SD#S5.  
E. **Added** new 18” storm pipe from north parking lot to the existing storm system south of 272<sup>nd</sup> Street NW in order to avoid a crossing conflict with the ROW storm system.  
F. **Added** ethafoam pad for the revised storm crossing.

Sheet C26.02

A. **Added** proposed curb and flowlines to profile.  
B. **Added** SD#S0A and connecting pipe to profile.  
C. **Revised** SD#0 to be a CB Type 1-L.  
D. **Revised** extents of ROW asphalt paving for water line connection during Phase 2.

Sheet C26.03

A. **Added** proposed curb and flowlines to profile.  
B. **Revised** location of match line to properly match the match line on sheet C26.04.

Sheet C26.04

A. **Added** proposed curb and flowlines to profile.  
B. **Added** Grind and Overlay area at intersection of 272<sup>nd</sup> St and Lindstrom Road.

Sheet C26.05

A. **Added** proposed curb and flowlines to profile.  
B. **Revised** downstream connection point from SD#L3.  
C. **Added** Grind and Overlay area along east side of Lindstrom Road.

Sheet C26.06

A. **Added** proposed curb and flowlines to profile.  
B. **Revised** downstream connection point from SD#L3.



Sheet C31.02

A. **Added** demolition of the temporary storm pipe and manhole that were installed in Phase 2.

Sheet C31.03

A. **Revised** extents of demolition for the revised water main installation.

Sheet C33.02

A. **Revised** depths of the storm line between SD#X4C and Wetland C.

Sheet C33.03

- A. **Revised** depths of the storm line between SD#X4C and Wetland C.
- B. **Delete** catch basins SD#Q3 and SD#Q4A.
- C. **Revise** the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.

Sheet C33.04

A. **Revise** the storm systems downstream of SD#Q4 so that SD#Q3 and SD#Q4A could be removed.

Sheet C33.07

A. **Revised** depths of the storm line between SD#X4C and Wetland C.

Sheet C34.02

- A. **Revised** 2” pipe to be Polyethylene Pipe.
- B. **Revised** utility crossing information for the revised storm run between SD#X4C and Wetland C.

Sheet C34.03

- A. **Revised** extents of water main construction during this phase. 47 LF of 12” water line and associated callouts moved to sheet C24.03.
- B. **Revised** utility crossing information.

Sheet C35.03

A. **Deleted** area of ROW asphalt paving that was moved to Phase 2.

**END OF CIVIL ENGINEERING CCD-005**

SHEET LIST: C21.02, C21.03, C21.08, C21.14, C23.02, C23.03, C23.08, C23.09, C23.10, C23.14, C23.21, C23.40, C23.41, C23.42, C23.43, C23.44, C24.02, C24.03, C24.07, C24.10, C24.11, C24.40, C24.41, C24.42, C25.02, C25.03, C25.04, C25.07, C25.08, C25.09, C25.10, C25.11, C25.14, C25.15, C26.01, C26.02, C26.03, C26.04, C26.05, C26.06, C31.02, C31.03, C33.02, C33.03, C33.04, C33.07, C34.02, C34.03, C35.03