

BRUNSWICK COUNTY
CHANGE ORDER NO. 1

PROJECT:
ORIG TIME OF COMP.
ORIG DATE OF COMP.

CAUSE CODE:

210 Days
June 5, 2020

FOR BC USE ONLY

- ☐ OR Owner Request
☐ CR Contractor Request
☐ DR Designer Request
☐ CC Concealed Condition
☐ DE Design Error
☐ DO Design Omission
☐ SC Schedule Change
☐ OT Other

Under the terms of the Contract and without invalidating the original provisions thereof, the following change(s) in work is(are) authorized for the change in Contract amount herein set forth: (Description of change order with detailed breakdown attached)

Final Adjusting Change Order to adjust unit price items and add work change directives.

The Time of Completion including previous orders is 0 calendar days and shall be (increased) (decreased) (unchanged) by 328 calendar days by this change order for a revised Contract date of completion of April 29, 2021. (Detailed analysis supporting the requirements for a change in duration is attached)

CONTRACT COST SUMMARY

1. Original Contract Amount					TOTALS
2. Amount of Previous Orders	ADD	\$0	Deduct	\$0	\$2,385,000.00
3. Amount of This Order	ADD	\$0	Deduct	(\$163,701)	
4. Total additions lines 2 & 3			Minus Total Deducts:	(\$163,701)	(\$163,701)

(Line 4 shall show the net amount to be added or [deducted] from the original Contract amount.)

5. Revised Contract Total Amount \$2,221,299.00

I certify that my Bonding Company will be notified forthwith that my Contract has been changed by the amount of this change order, and that a copy of the approved change order will be mailed upon receipt by me to my surety.

TA Loving (Contractor) By: [Signature] 7/30/21 (Date)

McKim & Creed, Inc. (Designer) By: [Signature] 7/26/21 (Date)

(Owner) By: _____ (Date)

(County Commissioners) By: Frank Williams, Chairman (Date)

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

Approved as to Form

Brunswick County Finance Officer

Brunswick County Attorney

DISTRIBUTION: 1 original to Owner

1 original to Contractor

DESIGNER'S REQUEST FOR AUTHORIZATION TO CHANGE

DATE: 08/24/21

REQUEST NO.: 1

OWNER: Brunswick County

DESIGNER: McKim & Creed

Northeast Brunswick FM -
Contract I - West

PROJECT NAME:

CONTRACTOR: TA Loving Co.

CONTRACT FOR: Construction

REASON FOR CHANGE:

Final adjusting change order of field quantities and directives. Time delays due to rain, final easement acquisition and COVID-19 pandemic.

SUMMARY REVIEW OF CONTRACTOR'S ESTIMATE FOR TIME AND COST: (Attach Contractor's detailed cost breakdown of labor and materials)

Deduction for unit price bid items that were not used. Changes in price and time due to Work Change Directives.

DESIGNER SUMMARY:

1. Schedule items affected by this change: Force main construction

2. Can Contractor mitigate the change without requiring a Contract time extension?

No

3. Will the change require a Contract time extension for other Contractors? Which? No

4. Are additional costs indicated by reason of the time extension If so they must be included in 5 & 6 Below.

No

	CONTRACTOR'S ESTIMATE	DESIGNER'S ESTIMATE
5. Estimated cost of change:	0	0
6. Estimated time extension field cost (if any):	0	0

DESIGNER RECOMMENDATION AND CERTIFICATION:

I certify that I have reviewed all aspects of this change order and have determined that it is in the best interest of the Owner to have the work accomplished. I have also determined that the cost and time allotment are fair and equitable, and I recommend acceptance by the Owner.

Approved by: Sean Kenyon Date: 08/24/21
Title: Project Engineer

Designers Request for Authorization to Change - Attachment A
Northeast Brunswick FM-
Contract I – West

Summary of Additional Days Requested

Item	Date	Change in Number of Days
Notice to Proceed	November 8, 2019	
Original Contract End Date	June 5, 2020	
WCD 1 <ul style="list-style-type: none">• New Pipe Lead Time		30
WCD 3 <ul style="list-style-type: none">• Rain Days• Final Easement Acquisition• COVID Delays		75 25 18
Final Adjusting Change Order <ul style="list-style-type: none">• COVID Delays• NCDOT/DENR Delays		90 90
Final Completion Date	April 29, 2021	328

Summary of Final Unit Pay Items

NE Brunswick Regional Wastewater System Force Main Improvements

Pay Item	Spec Section	Pay Item Description	Unit	Estimated Quantity	Unit Price	Bid Amount	Quantity Used	Used Amount	Add/ (Deduct)
1	All	Lump Sum Bid for all work shown, indicated and specified on the contract drawings, documents and technical specifications.	LS	1	\$ 2,205,800.00	\$ 2,205,800.00	1	\$ 2,205,800.00	\$ -
2	GC 38 K	Change Order Allowance	EA	1	\$ 75,000.00	\$ 75,000.00	0.33	\$ 24,388.82	\$ (50,611.18)
		• 14" RJ PVC in lieu of 16"			\$ 14,201.60				
		• Asphalt Driveway Installation			\$ 10,187.22				
3	GC 30	Testing Allowance	EA	1	\$ 25,000.00	\$ 25,000.00	0	\$ -	\$ (25,000.00)
4	01301	Removal and Disposal of Contaminated Soil	CY	75	\$ 250.00	\$ 18,750.00	0	\$ -	\$ (18,750.00)
5	01301	Backfill of Contaminated Soil Areas	CY	75	\$ 20.00	\$ 1,500.00	0	\$ -	\$ (1,500.00)
6	02201	HDPE to PVC Transition (complete)	EA	6	\$ 3,450.00	\$ 20,700.00	0	\$ -	\$ (20,700.00)
7	02201	Ductile Iron RJ Fittings	LBS	3,000	\$ 5.25	\$ 15,750.00	0	\$ -	\$ (15,750.00)
8	02201	24-Inch DR-9 HDPE	LF	100	\$ 175.00	\$ 17,500.00	0	\$ -	\$ (17,500.00)
9	01301	Removal and Replacement of Unsuitable Pipe Subgrade Materials	CY	50	\$ 100.00	\$ 5,000.00	0	\$ -	\$ (5,000.00)
Additional Contract Changes (Removed from Lump Sum)									
10	02201	Interconnect Existing 12" and 8" Force Main (Sheet C-1)	LS	1	\$ 17,500.00		0.66	\$ 11,545.81	\$ (5,954.19)
11	02201	24" Steel Casing w/16" FM Carrier Pipe	LF	40	\$ 500.00		34.13	\$ 17,064.37	\$ (2,935.63)
								TOTAL DEDUCT	\$ (163,701.00)

Work Change Directive
Brunswick County
NE Brunswick FM

Date: 04/01/20 Time: 7:30 a.m./(p.m.) Project Name: Contract I - West
Designer: McKim & Creed Contractor: TA Loving
Designer Rep: Sean Kenyon, PE Contractor Rep: Jason Hill

Directive: Contractor shall install 14" DR-18 PVC pipe in lieu of 16" DR-18 PVC pipe through encasement pipes at bore and jacks shown from approx. STA 24+00 to 26+00 on sheet C-2 and approx. STA 133+15 to 134+35 on sheet C-11. Price shall include all labor and materials (fittings, bell restraints, megalugs, etc.) necessary for a complete and operational installation.

Reason for Change: Bell restraint submitted for PVC pipe is too large to fit inside the 24" steel encasement pipe. Directive is based on RCP1 and Contractor's subsequent response to RCP1.

The preceding directive requires the following actions by the Contractor before 04/30/2020 (Date):

CONTRACTOR:

The total lump sum cost for the change noted above shall not exceed \$_____.

OR

The estimated quantities, maximum unit prices, and maximum extended prices for each item are as follows:

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
16" RJ PVC Carrier Pipe Credit	320'	(\$40.00)	(\$12,800.00)
14" RJ PVC with 16x14 Reducers	320'	\$84.38	\$27,001.60
Total Adder			\$14,201.60

The total change to the Time of Completion shall be an (increase) decrease of *30 days.

DESIGNER:

The work change noted above is in the best interests of the owner. The price and Contract Time adjustment have been evaluated and are reasonable. The changes will be effected by a final adjusting change order at the close of the project or by _____ (date), whichever is sooner.

OWNER:

The Owner agrees to the change as being in the Owner's best interest.

SIGNATURES:


Contractor

4/2/20

Date


Designer

4/2/20

Date


Owner

4/2/20

Date

Original Designer

Yellow Contractor

Pink Owner

TAL LOVING

400 Patetown Rd
Goldsboro, NC 27530

P: 919.734.8400
F: 919.731.7538

NE Brunswick Contract 1 West – Proposed Change Order # 1

*

1. The 30 additional days is an estimated minimum. We have no way of knowing how long the 14" pipe will take to be fabricated—we are totally at the mercy of the fabricator and as to when they put this job into their queue. TAL will be able to fully liquidate the delay and the necessary time extension only after the changed work in question is completed. Thus, the change to the contract time cannot be finalized until the changed work is completed. TAL reserves all rights in this regard.
2. We have not asked for additional or extended general conditions cost, only additional material and associated labor cost for this change. This is so as, currently, making this change will not impact the critical path or at least will not cause a critical path delay that TAL cannot overcome with mitigation efforts. The fact that TAL is not seeking extended general conditions in this instance shall not be construed as a waiver of TAL's right to do so in the future in the event of other changes. Similarly, if the ultimate delay from this issue is significantly more than 30 days then the critical path may be impacted in a manner that cannot be overcome with mitigation efforts. In that event, TAL would be entitled to additional costs for extended general conditions. TAL reserves all rights in this regard.

Jason Hill
Project Manager
Utility Division



REQUEST FOR CHANGE PROPOSAL (RCP)

To: <u>TA Loving Company</u>	RCP No.: <u>RCP 2</u>
<u>400 Patetown Rd</u>	Date: <u>September 3, 2020</u>
<u>Goldsboro, NC 27530</u>	Project: <u>NE Brunswick Regional Wastewater System</u>
	<u>Force Main Improvements – Contract I - West</u>
Attn. <u>Mr. Jason Hill</u>	Owner: <u>Brunswick County</u>

Description of Change: Removal of interconnection shown on inset "A" of sheet C-1 of the Issued for Construction Plans.

- Removal of proposed interconnection shown on inset "A" of Sheet C-1 of the contract documents including associated shutdowns, cut-ins and any associated labor and materials that would have been required for the installation of the interconnection.
- Any materials that were required for the interconnection that have already been delivered will be picked up by the Owner.

Attachments: Sheet C-1

Pricing:

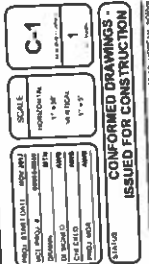
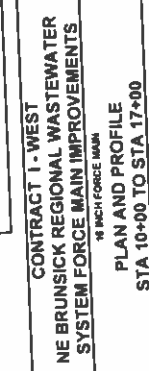
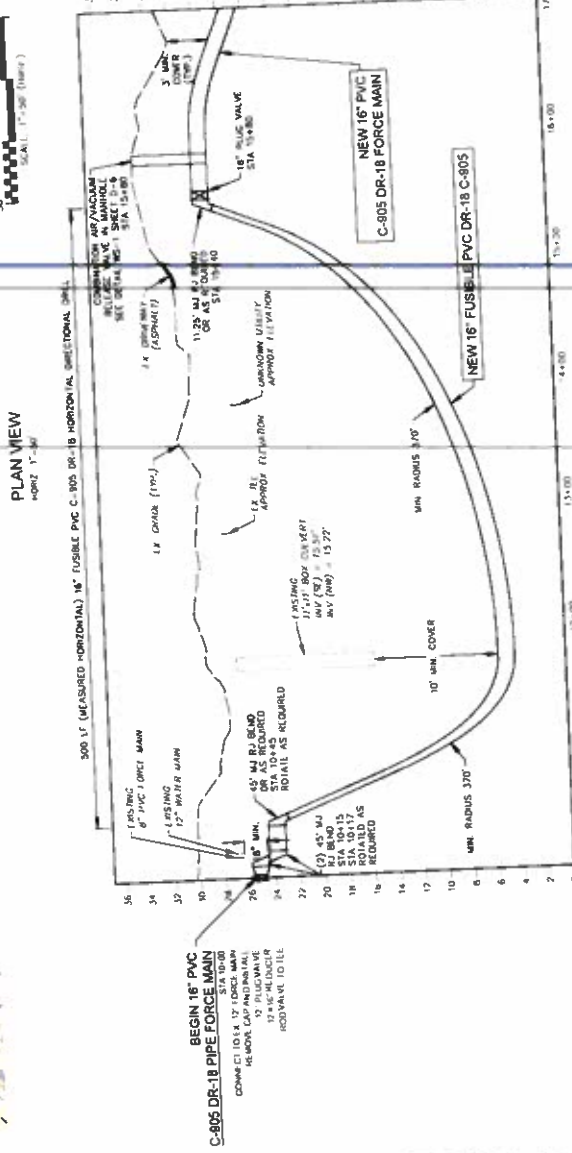
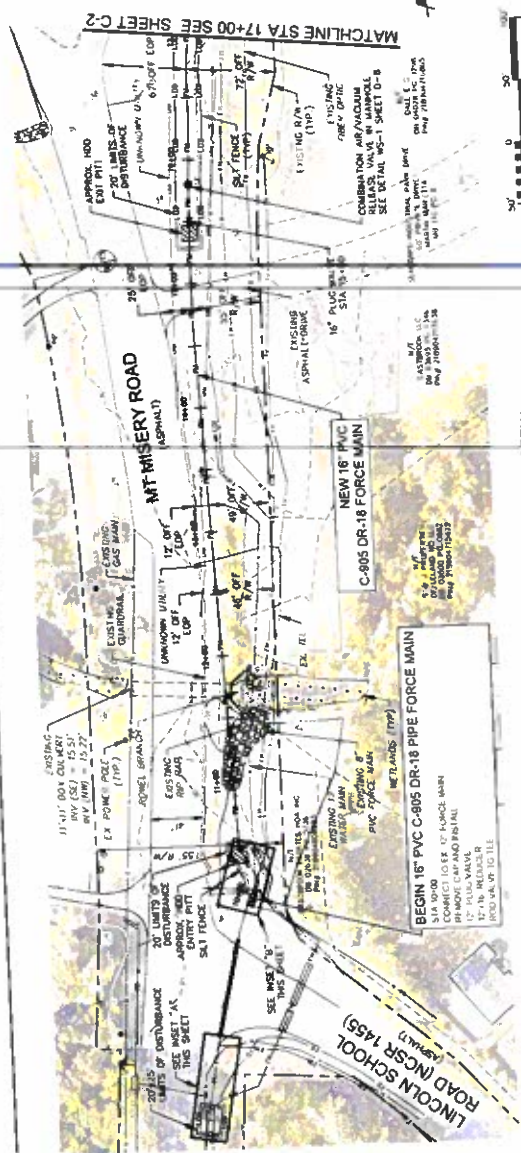
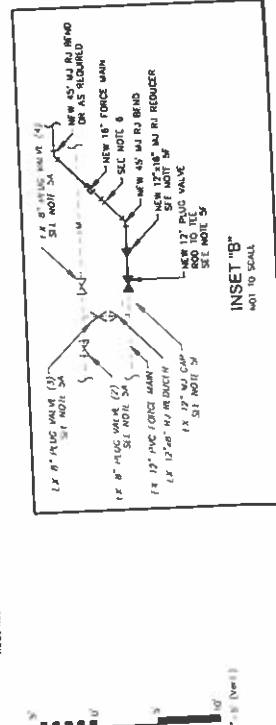
Provide a detailed cost breakdown for the requested change for review. Credit shall be issued for all time, labor, shutdowns, etc. that would have been required for a complete and operational installation. Pricing shall be broken down by individual option and shall include any deducts for materials that were included in the original bid that are no longer required for a complete and operational installation. Materials required for installation that were already ordered and delivered to the site shall be picked up by the Owner and shall not be included in the change in price.

The proposed changes described herein are being considered for the above-noted project. Please advise us promptly of your proposed change in contract price and time to accomplish this work. Note that this is not an order to proceed with the proposed change. Notice-to-proceed will be issued later in the form of a signed Work Change Directive or signed Change Order, if it is decided to proceed with this change.


 Owner/Representative

Cc: Brent Lockamy, Brunswick County via/email
 Sean Kenyon, MCE via/email
 Jason Hill, TA Loving Company via/email
 File: M&C 00069-0048-63.1

- [illegible]



3/13/70 6 05 58 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 10

**Work Change Directive
Brunswick County**

Date: 10/06/20 Time: 11:00 (a.m./p.m.) Project Name: NEB FM - Contract I - West
Designer: McKim & Creed Contractor: TA Loving Co.
Designer Rep: Sean Kenyon, PE Contractor Rep: Jason Hill

Directive:
118 day extension to completion date

Reason for Change: 75 days ext. due to rain delays, 25 days ext. due to final easement acquisition, 18 days ext. due to COVID delays

The preceding directive requires the following actions by the Contractor before 10/09/20 (Date):

CONTRACTOR:

The total lump sum cost for the change noted above shall not exceed \$ 0

OR

The estimated quantities, maximum unit prices, and maximum extended prices for each item are as follows:

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
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The total change to the Time of Completion shall be an increase/decrease of 118 days.

DESIGNER:

The work change noted above is in the best interests of the owner. The price and Contract Time adjustment have been evaluated and are reasonable. The changes will be effected by a final adjusting change order at the close of the project or by _____ (date), whichever is sooner.

OWNER:

The Owner agrees to the change as being in the Owner's best interest.

SIGNATURES:


Contractor


Designer


Owner

Original Designer

Yellow Contractor

10/12/20

Date

10/07/20

Date

10-12-20

Date

Pink Owner

**Rain Day Record
Brunswick County**

Project Name: NE Brunswick Reg. WW System FM Imp. CN 2 - East **Period: From** 2/26/20 **to** 3/25/20
(1st Day of month to last day of month)

Designer: McKim & Creed **Contractor:** TA Loving

Designer Rep: Sean Kenyon **Contractor Rep:** Jason Hill

The Contractor shall submit this form with each pay request. Extension of the Time of Completion shall be made in accordance with the Article "Time of Completion, Delays, Extension of Time" in the General Conditions. Rain days noted on this form shall be used as a means of determining the validity of requests for extensions to the Time of Completion but shall not be construed to mean that all days herein itemized shall lead to an extension of the Time of Completion. Time extensions shall not be granted for rain, wind, snow, or other natural phenomena of normal intensity.

☐ "During the normal work days of this period, no delays were incurred due to rain or wet conditions at the site."

OR

☐ "During the normal work days of this period, no substantial work could be performed on the project due to rain or wet conditions during the following days":

February 27	, 2020		, 20
March 3	, 2020		, 20
March 4	, 2020		, 20
March 5	, 2020		, 20
March 6	, 2020		, 20
March 18	, 2020		, 20
March 23	, 2020		, 20
March 24	, 2020		, 20
March 25	, 2020		, 20
	, 20		, 20

SIGNATURES:

Jason Hill 3/26/20
Contractor Date

Inspector Comments (Note agreement/disagreement):

Resident Inspector Date

Resident Inspector _____ Date _____

**Rain Day Record
Brunswick County**

Project Name: NE Brunswick Reg. WW System FM Imp. CN 1 - West **Period: From** 5/26/19 **to** 6/30/20
(1st Day of month to last day of month)

Designer: McKim & Creed **Contractor:** TA Loving

Designer Rep: Sean Kenyon **Contractor Rep:** Jason Hill

The Contractor shall submit this form with each pay request. Extension of the Time of Completion shall be made in accordance with the Article "Time of Completion, Delays, Extension of Time" in the General Conditions. Rain days noted on this form shall be used as a means of determining the validity of requests for extensions to the Time of Completion but shall not be construed to mean that all days herein itemized shall lead to an extension of the Time of Completion. Time extensions shall not be granted for rain, wind, snow, or other natural phenomena of normal intensity.

☐ "During the normal work days of this period, no delays were incurred due to rain or wet conditions at the site."

OR

☐ "During the normal work days of this period, no substantial work could be performed on the project due to rain or wet conditions during the following days":

<u>May 28</u> , 2020	<u>June 17</u> , 20
<u>May 31</u> , 2020	<u>June 20</u> , 20
<u>June 5</u> , 2020	<u>June 21</u> , 20
<u>June 6</u> , 2020	<u>June 24</u> , 20
<u>June 8</u> , 2020	<u>June 26</u> , 20
<u>June 12</u> , 2020	<u>June 30</u> , 20
<u>June 13</u> , 2020	_____, 20
<u>June 14</u> , 2020	_____, 20
<u>June 15</u> , 20	_____, 20
<u>June 16</u> , 20	_____, 20

SIGNATURES:

Jason Hill 6/30/20
Date
Contractor

Inspector Comments (Note agreement/disagreement): _____

Resident Inspector Date

Rain Day Record Brunswick County

Project Name: NE Brunswick Reg. WW System FM Imp. CN 1 – West **Period:** From 6/26/19 to 7/31/20
(1st Day of month to last day of month)

Designer: McKim & Creed Contractor: TA Loving

Designer Rep: Sean Kenyon Contractor Rep: Jason Hill

The Contractor shall submit this form with each pay request. Extension of the Time of Completion shall be made in accordance with the Article "Time of Completion, Delays, Extension of Time" in the General Conditions. Rain days noted on this form shall be used as a means of determining the validity of requests for extensions to the Time of Completion but shall not be construed to mean that all days herein itemized shall lead to an extension of the Time of Completion. Time extensions shall not be granted for rain, wind, snow, or other natural phenomena of normal intensity.

- ☐ "During the normal work days of this period, no delays were incurred due to rain or wet conditions at the site."

OR

- ☐ "During the normal work days of this period, no substantial work could be performed on the project due to rain or wet conditions during the following days":

July 1	, 2020		, 20
July 2	, 2020		, 20
July 8	, 2020		, 20
July 9	, 2020		, 20
July 10	, 2020		, 20
July 12	, 2020		, 20
July 29	, 2020		, 20
July 30	, 2020		, 20
July 31	, 20		, 20
	, 20		, 20

SIGNATURES:

Contractor Jasen Holt Date 7/31/20

Inspector Comments (Note agreement/disagreement): _____

Resident Inspector _____ Date _____

**Change Proposal
Brunswick County**

Date: 07/21/21

Designer: McKim & Creed

Designer Rep: Sean Kenyon, PE

Project Name: NEB FM -

Contractor: TA Loving Co.

Contractor Rep: Jason Hill

The Contractor recommends the following change to the project with associated changes to the Time of Completion and/or total project cost:

180 days for NCDOT & DENR to schedule/review the final closeout of the project area.
Final NCDOT Closeout acceptance 4/29/21.

This change will: ADD SUBTRACT NOT CHANGE (circle as appropriate) the total project cost by \$ _____.

The total change to the Time of Completion shall be an: INCREASE DECREASE (circle as appropriate) of 180 days.

A breakdown of the proposed work is attached. No work shall be commenced until authorized by the Owner. All work shall be in accordance with the terms, stipulations, and conditions of the Contract Documents.

SIGNATURES:

Contractor

7/21/21
Date

Designer's Action: ☒ Recommend

☐ Do Not Recommend

☐ Recommend with the following changes

Designer

07/21/21
Date

Original Designer

Yellow Contractor

Pink Owner

**Work Change Directive
Brunswick County**

Date: 7/14/21 Time: 11:00 a.m./p.m. Project Name: NEB FM - Contract I - West
Designer: McKim & Creed Contractor: TA Loving Co.
Designer Rep: Sean Kenyon, PE Contractor Rep: Jason Hill

Directive:
180 day extension to completion date

Reason for Change: 180 days for NCDOT & DENR to schedule/review the final closeout of the project area. Final NCDOT Closeout acceptance 4/29/21

The preceding directive requires the following actions by the Contractor before 4/29/21 (Date):

CONTRACTOR:

The total lump sum cost for the change noted above shall not exceed \$ 0.

OR

The estimated quantities, maximum unit prices, and maximum extended prices for each item are as follows:

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
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The total change to the Time of Completion shall be an increase/decrease of 180 days.

DESIGNER:

The work change noted above is in the best interests of the owner. The price and Contract Time adjustment have been evaluated and are reasonable. The changes will be effected by a final adjusting change order at the close of the project or by _____ (date), whichever is sooner.

OWNER:

The Owner agrees to the change as being in the Owner's best interest.

SIGNATURES:

Contractor

Sean Kenyon

Designer

Brent Lohry

Owner

Original Designer

Yellow Contractor

7/14/21

Date

07/14/21

Date

7-14-21

Date

Pink Owner

**Work Change Directive
Brunswick County**

Date: 10/07/20 Time: 9:00 a.m./p.m. Project Name: NEB FM Contract I - West
Designer: McKim & Creed Contractor: TA Loving Co.
Designer Rep: Sean Kenyon, PE Contractor Rep: Jason Hill

Directive: Installation of an asphalt construction driveway in lieu of a gravel driveway at the intersection of Cedar Hill Rd and Royster Rd to access the I-140 easement.

Reason for Change: NCDOT requirement to install asphalt in this location

The preceding directive requires the following actions by the Contractor before 10/09/20 (Date):

CONTRACTOR:

The total lump sum cost for the change noted above shall not exceed \$ 10,187.22.

OR

The estimated quantities, maximum unit prices, and maximum extended prices for each item are as follows:

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
-------------	---------------------------	-------------------	-----------------------

The total change to the Time of Completion shall be an increase/decrease of 0 days.

DESIGNER:

The work change noted above is in the best interests of the owner. The price and Contract Time adjustment have been evaluated and are reasonable. The changes will be effected by a final adjusting change order at the close of the project or by _____ (date), whichever is sooner.

OWNER:

The Owner agrees to the change as being in the Owner's best interest.

SIGNATURES:

Contractor

Sean Kenyon

Designer

[Signature]

Owner

Original Designer

[Signature]
Yellow Contractor

10/12/20

Date

10/07/20

Date

10-12-20

Date

Pink Owner



T. A. Loving Company
400 Patetown Road P.O. Drawer 919
Goldsboro NC 27533-0919
919-734-8400 (phone) 919-736-2148 (fax)

Change Proposal
Request
No.:

1R

CHANGE ORDER PROPOSAL

Project Name: NE Brunswick FM Contract I
Location: Navassa
Owner: Brunswick County
Engineer: McKim & Creed

Project No. 4109
Date
Drawing No.
Spec. Section

Reference: RFP No.: Work Directive No.: Field Order No.: Other:

Description: Asphalt Driveway Install

1. LABOR (See attached itemized breakdown)	\$0.00
2. MATERIALS (See attached itemized breakdown)	\$0.00
3. EQUIPMENT/OTHER (See attached itemized breakdown)	(\$1,400.00)
4. TIME EXTENSION FIELD COSTS**	0 DAYS @ \$0.00 PER DAY
5. SUB-TOTAL DIRECT WORK	(\$1,400.00)
6. OVERHEAD & PROFIT ON DIRECT WORK	0%
7. TOTAL DIRECT WORK	(\$1,400.00)

SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE
Port City Paving	Construct Asphalt Access Driveway	\$9,448.96

8. SUB-TOTAL SUBCONTRACTOR WORK:	\$9,448.96
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK	20%
10. TOTAL SUBCONTRACTOR WORK	\$11,338.75
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK	\$9,938.75
12. BOND & INSURANCE: 2.50% of subtotal # 11	\$248.47
13. TOTAL CHANGE PROPOSAL REQUEST	\$10,187.22

Reviewed By: Date:

** Schedule impact indeterminate at this time. The contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:
T. A. Loving Company

Date:

Date:

Date:



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Change Proposal
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WORKSHEET SUMMARY

	Quantity	Rate	Unit	
MATERIAL COST				
A. Material (From take off worksheet)				\$0.00
B. Miscellaneous/Waste material		0.00%	of A	\$0.00
C. Freight				\$0.00
D. SUBTOTAL				\$0.00
E. Sales Tax		6.75%	of D	\$0.00
F. TOTAL MATERIAL				\$0.00
LABOR COST				
A. Labor (From takeoff worksheet)				\$0.00
B. Small Tools		2.50%	of Labor	\$0.00
C. Clean-up		5.00%	of Labor	\$0.00
D. Safety		2.50%	of Labor	\$0.00
E. Safety Training		1.50%	of Labor	\$0.00
F. Reproduction Costs				\$0.00
G. As-Built Drawings	0	\$73.00	HR	\$0.00
H. Testing		1.50%	of Labor	\$0.00
I. Warranty Work		1.50%	of Labor	\$0.00
J. Punch List		1.50%	of Labor	\$0.00
J. TOTAL LABOR				\$0.00
EQUIPMENT/OTHER				
A. Equipment (From take off worksheet)				\$0.00
B. Equipment Fuel Surcharge		2%	of Equipment	\$0.00
C. Equipment Repairs		2%	of Equipment	\$0.00
D. Equipment Yard Work		1.50%	of Equipment	\$0.00
E. Assigned Equipment		2%	of Equipment	\$0.00
F. Other (From take off worksheet)				(\$1,400.00)
E. TOTAL EQUIPMENT/OTHER				(\$1,400.00)

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P.O. Drawer 919

Change Proposal

Request

No.: 1

TAKE OFF WORKSHEET

[illegible]



REQUEST FOR CHANGE PROPOSAL (RCP)

To: <u>TA Loving Company</u> <u>400 Patetown Rd</u> <u>Goldsboro, NC 27530</u>	RCP No.: <u>RCP 1</u> Date: <u>January 21, 2020</u> Project: <u>NE Brunswick Regional Wastewater System</u> <u>Force Main Improvements – Contract I - West</u> Owner: <u>Brunswick County</u>
Attn: <u>Mr. Jason Hill</u>	

Description of Change: Change in restraint method for Jack and Bore of 16" PVC pipe through 24" steel encasement

Proposed bell joint restraint clamps are too large to fit through the 24" steel encasement on the Jack and Bore at approx. STA 24+00 to STA 26+00 on sheet C-2 and the Jack and Bore at approx. STA 132+70 to STA 134+40 on sheet C-11. Proposed changes at these Jack and Bore locations include the following three options:

- **Option 1** - Install 16" C-905 DR-18 restrained joint PVC pipe throughout the length of the 24" steel encasement pipe. Pipe shall be Lok-21 by Diamond Plastics or approved equal.
- **Option 2** - Install 16" C-905 DR-18 fusible PVC pipe throughout the length of the 24" steel encasement pipe.
- **Option 3** – Install plain end 16" C-905 DR-18 PVC pipe by cutting off the Bell and Spigot from the pipe. ~~Pipe shall be installed throughout the entire length of the 24" steel encasement using DI MJ Sleeves and megalug style restraints at each joint.~~ Outside diameters of both the megalug restraint and DI sleeve would need to be verified to determine if it would fit in the proposed 24" steel encasement.

Attachments:

Pricing:

Provide a detailed cost breakdown for the requested change for review. Unit price shall be per linear foot of force main and shall include all materials and labor required for a complete and operational installation. Pricing shall be broken down by individual option and shall include any deducts for materials that were included in the original bid (ie Bell Joint Restraint Clamps, push-on PVC pipe, etc.) that are no longer required for a complete and operational installation.

The proposed changes described herein are being considered for the above-noted project. Please advise us promptly of your proposed change in contract price and time to accomplish this work. Note that this is not an order to proceed with the proposed change. Notice-to-proceed will be issued later in the form of a signed Work Change Directive or signed Change Order, if it is decided to proceed with this change.

Sean Kenger

Owner/Representative

**Work Change Directive
Brunswick County**

Date: 10/07/20 Time: 9:00 (a.m.)/p.m. Project Name: NEB FM Contract I - West
Designer: McKim & Creed Contractor: TA Loving Co.
Designer Rep: Sean Kenyon, PE Contractor Rep: Jason Hill

Directive: Removal of the interconnect south of Lincoln School Rd and removal of the casing pipe at approx. STA 84+00.

Reason for Change: Interconnect removed due to redundancy with existing interconnect to the North. Polywrap was used in lieu of casing pipe due to space constraints.

The preceding directive requires the following actions by the Contractor before 10/09/20 (Date):

CONTRACTOR:

The total lump sum cost for the change noted above shall not exceed \$ -8,889.82

OR

The estimated quantities, maximum unit prices, and maximum extended prices for each item are as follows:

<u>Item</u>	<u>Estimated Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
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The total change to the Time of Completion shall be an increase/decrease of 0 days.

DESIGNER:

The work change noted above is in the best interests of the owner. The price and Contract Time adjustment have been evaluated and are reasonable. The changes will be effected by a final adjusting change order at the close of the project or by _____(date), whichever is sooner.

OWNER:

The Owner agrees to the change as being in the Owner's best interest.

SIGNATURES:

Contractor

10/12/20

Date

Designer

10/07/20

Date

Owner

10-13-20

Date

Original Designer

Yellow Contractor

Pink Owner



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Change Proposal
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No.:

2

CHANGE ORDER PROPOSAL

Project Name: NE Brunswick FM Contract I Project No. 4109
Location: Navassa Date _____
Owner: Brunswick County Drawing No. _____
Engineer: McKim & Creed Spec. Section _____

Reference: RFP No.: _____ Work Directive No.: _____ Field Order No.: _____ Other: _____

Description: Interconnect Deletion & Open Cut Casing Deletion

1. LABOR (See attached itemized breakdown) (\$2,310.72)
2. MATERIALS (See attached itemized breakdown) (\$5,697.60)
3. EQUIPMENT/OTHER (See attached itemized breakdown) (\$881.50)
4. TIME EXTENSION FIELD COSTS** DAYS @ PER DAY \$0.00
5. SUB-TOTAL DIRECT WORK
6. OVERHEAD & PROFIT ON DIRECT WORK \$0.00
7. TOTAL DIRECT WORK

SUBCONTRACTORS

NAME	DESCRIPTION	INVOICE/PROPOSAL DATE
Port City Paving	Construct Asphalt Access Driveway	

8. SUB-TOTAL SUBCONTRACTOR WORK:
9. OVERHEAD & PROFIT ON SUBCONTRACTOR WORK \$0.00
10. TOTAL SUBCONTRACTOR WORK
11. SUB-TOTAL DIRECT AND SUBCONTRACTOR WORK
12. BOND & INSURANCE: 0.00% of subtotal # 11 \$0.00
13. TOTAL CHANGE PROPOSAL REQUEST

Reviewed By: _____ Date: _____

** Schedule impact indeterminate at this time. The contractor reserves its rights to a time extension and extended field costs due to the cumulative effect of changes.

Accepted By:
T. A. Loving Company

Date: _____

Date: _____

Date: _____

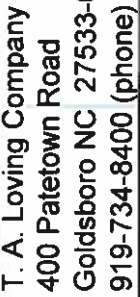
TA LOVINGT. A. Loving Company
400 Patetown Road P.O. Drawer 919
Goldsboro NC 27533-0919Change Proposal
Request
No.:

2

919-734-8400 (phone) 919-736-2148 (fax)

WORKSHEET SUMMARY

	Quantity	Rate	Unit	
MATERIAL COST				(\$5,337.33)
A. Material (From take off worksheet)		0.00%	of A	\$0.00
B. Miscellaneous/Waste material				\$0.00
C. Freight				(\$5,337.33)
D. SUBTOTAL		6.75%	of D	(\$360.27)
E. Sales Tax				(\$5,697.60)
F. TOTAL MATERIAL				
LABOR COST				(\$1,992.00)
A. Labor (From takeoff worksheet)		2.50%	of Labor	(\$49.80)
B. Small Tools		5.00%	of Labor	(\$99.60)
C. Clean-up		2.50%	of Labor	(\$49.80)
D. Safety		1.50%	of Labor	(\$29.88)
E. Safety Training				\$0.00
F. Reproduction Costs	0	\$73.00	HR	\$0.00
G. As-Built Drawings		1.50%	of Labor	(\$29.88)
H. Testing		1.50%	of Labor	(\$29.88)
I. Warranty Work		1.50%	of Labor	(\$29.88)
J. Punch List				(\$2,310.72)
J. TOTAL LABOR				
EQUIPMENT/OTHER				(\$820.00)
A. Equipment (From take off worksheet)		2%	of Equipment	(\$16.40)
B. Equipment Fuel Surcharge		2%	of Equipment	(\$16.40)
C. Equipment Repairs		1.50%	of Equipment	(\$12.30)
D. Equipment Yard Work		2%	of Equipment	(\$16.40)
E. Assigned Equipment				\$0.00
F. Other (From take off worksheet)				(\$881.50)
E. TOTAL EQUIPMENT/OTHER				



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**Change Proposal
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No.:**

TAKE OFF WORKSHEET

[illegible]