COLORADO
DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISIONS
NEDERLAND PEDESTRIAN & STORM WATER MANAGEMENT IMPROVEMENT PROJECT
TOWN OF NEDERLAND

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The *2011 Standard Specifications for Road and Bridge Construction* control construction of this project. The following special provisions supplement or modify the Standard Specifications and take precedence over the Standard Specifications and Plans.

PROJECT SPECIAL PROVISIONS

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STANDARD SPECIAL PROVISIONS

	Date	No. of Pages
Revision of Section 106 – Certificates of Compliance and Certified Test Reports	(February 3, 2011)	1
Revision of Section 106 – Hot Mix Asphalt – Verification Testing	(July 29, 2011)	2
Revision of Section 107 – Project Payrolls	(May 2, 2013)	1
Revision of Section 107 - Responsibility for Damage Claims, Insurance Types, and Coverage Limits	(February 3, 2011)	1
Revision of Sections 107 and 208 – Water Quality Control, Under One Acre of Disturbance	(May 2, 2013)	3
Revision of Section 108 - Critical Path Method	(August 19, 2011)	1
Revision of Section 108 – Liquidated Damages	(May 2, 2013)	1
Revision of Section 108 – Subletting of Contract	(January 31, 2013)	1
Revision of Section 109 - Compensation for Compensable Delays	(May 5, 2011)	1
Revision of Section 109 – Fuel Cost Adjustment	(February 3, 2011)	2
Revision of Section 109 – Measurement of Quantities	(February 3, 2011)	1
Revision of Section 109 – Measurement of Water	(January 06, 2012)	1
Revision of Section 109 – Prompt Payment	(January 31, 2013)	1
Revision of Section 250 – Environmental, Health and Safety Management	(July 19, 2012)	1
Revision of Sections 304 and 703 – Aggregate Base Course (RAP)	(April 26, 2012)	1
Revision of Section 401 – Reclaimed Asphalt Pavement	(May 2, 2013)	2
Revision of Section 401 – Reclaimed Asphalt Shingles	(April 26, 2012)	3
Revision of Section 504 – Concrete Panel Facing MSE Wall	(February 3, 2011)	12
Revision of Section 601 – Concrete Batching	(February 3, 2011)	1
Revision of Section 601 – Concrete Finishing	(February 3, 2011)	1
Revision of Section 601 – Concrete Form and Falsework Removal	(July 28, 2011)	2
Revision of Section 601 – Concrete Slump Acceptance	(July 29, 2011)	1
Revision of Section 601 – Fiber-Reinforced Concrete	(May 2, 2013)	1
Revision of Section 627 and 708 – Pavement Marking Paint	(January 31, 2013)	2
Revision of Section 630 – Construction Zone Traffic Control	(February 17, 2012)	1
Revision of Section 630 – Signs and Barricades	(January 31, 2013)	1
Revision of Section 703 – Concrete Aggregate	(July 28, 2011)	1
Revision of Section 712 – Water for Mixing or Curing Concrete	(February 3, 2011)	1

NOTICE TO BIDDERS

The proposal guaranty shall be a certified check, cashier's check, or bid bond in the amount of 10% of the Contractor's total bid.

Pursuant to subsections 102.04 and 102.05, it is recommended that bidders on this project review the work site and plan details with an authorized Town representative. Prospective bidders shall contact the following authorized Town representative at least 24 hours in advance of the time they wish to go over the project.

Town Administrator	Alisha Reis P.O. Box 396 Nederland, CO 80466 Office Phone: (303) 258-3266

The above referenced individual is the only representative of the Town of Nederland with authority to provide any information, clarification, or interpretation regarding the plans, specifications, and any other contract documents or requirements.

A mandatory pre-bid conference will be held on _____ beginning at _____ at _____. Bids will be accepted only from pre-qualified bidders who attend the mandatory pre-bid conference.

COMMENCEMENT AND COMPETION OF WORK

The Contractor shall commence work under this Contract on or before the 5th day following contract execution or the 20th day following the date of award whichever comes later, unless such time for beginning the work shall be changed by the Town in the "Notice to Proceed". The Contractor shall complete all work within ___ working days in accordance with the "Notice to Proceed."

Salient features to be shown on the Contractor's Progress Schedule are:

1) Mobilization/Construction Surveying/Traffic Control
2) Drainage/Erosion Control
3) Clearing & Grubbing
4) Rough Grading
5) Sidewalk (pathway)
6) Permeable Interlocking Concrete Pavers (including aggregate)
7) Signing & Striping
8) Site Restoration & Cleaning

CONTRACT GOAL (COMBINED)

The Department has determined that Underutilized Disadvantaged Business Enterprises (UDBEs) will participate by contracting for a part of the work of this Contract. The contract goal for participation in the Contract by certified DBEs who have been determined to be underutilized have been established as follows:

UDBE*: ____ Percent

The percentage will be calculated from proposals received for this project according to the following formula:

$$\text{Percentage} = 100 \times \frac{\text{**Dollar amount of work to be contracted to underutilized DBEs (UDBEs)}}{\text{Total dollar amount of the original Contract}}$$

* All DBEs will be considered to be UDBEs
** Based on DBE contract unit prices rather than prime unit prices.

NOTE: Specific Good Faith Efforts required to meet the Contract Goal specified above are defined in the Standard Special Provisions.

REVISION OF SECTION 101
DEFINITION AND TERMS

Section 101 of the Standard Specifications is hereby revised for this project as follows:

Technical Specifications related to construction materials and methods for the work embraced under this Contract shall consist of the Colorado Department of Transportation, *Standard Specifications for Road and Bridge Construction,* dated 2011.

Certain terms utilized in the Specifications referred to in the paragraph above shall be interpreted to have different meanings within the scope of the Contract. A summary of redefinitions follows:

Subsection 101.28 Department shall be replaced with the Town of Nederland. Any reference to "Town" shall be interpreted to refer to the Town of Nederland.

Subsection 101.29 Engineer shall be defined as the Town of Nederland acting directly or through an authorized representative, who is responsible for engineering and administrative supervision of the project.

The terms Project Engineer and Project Manager shall be interchangeable in this contract.

Subsection 101.39 Laboratory shall be defined as the testing laboratory for Boulder County or other laboratory designated by the Town of Nederland.

Subsection 101.58 Regional Transportation Director shall be defined as the Town of Nederland.

Subsection 101.70 State shall mean the Town of Nederland, Colorado (where applicable).

REVISION OF SECTION 105
CLAIMS FOR CONTRACT ADJUSTMENT

Section 105 of the Standard Specifications is hereby revised for this project as follows:

Section 105.21 shall be modified to include the following:

The Colorado Department of Transportation will not participate in the resolution process for any claims filed by the Contractor.

REVISION OF SECTION 107
PUBLIC INVOLVEMENT BY THE CONTRACTOR

Section 107 of the Standard Specifications is hereby revised for this project as follows:

Section 107 shall include the following:

The Contractor shall provide the following public information services on an ongoing basis throughout the duration of the project:

a) The Contractor, at the preconstruction meeting, shall designate a project contact person. This individual shall be primarily responsible for maintaining communications with the Engineer; provide information on a regular basis to private individuals, local organizations interested in the project and the affected agencies. The below listed agencies shall be coordinated with on an ongoing basis and coordination shall be included in the cost of the work.

- CDOT
- Boulder County Sheriff Department
- Fire Districts
- Town of Nederland

REVISION OF SECTION 107
INSURANCE

Section 107.15 is hereby revised to read:

For this project, all insurance certificates shall name the Colorado Department of Transportation as an additional insured party.

REVISION OF SECTION 504
BOULDER RETAINING WALL

Section 504 of the Standard Specifications is hereby revised to include the following:

DESCRIPTION

504.01 This work consists of furnishing and placing boulder, gravity retaining walls in accordance with these Specifications and in conformity with the lines, grades, and dimensions as shown on the Plans or as established. The material for the boulders and grout used and the construction of these walls shall be as specified herein.

MATERIALS

504.02 Materials shall meet the following requirements:

A. Boulders. The stone used for the construction of the boulder retaining walls shall conform to the following:

1. The boulders shall be free from segregation, seams, cracks, and other structural defects or imperfections tending to destroy its resistance to the weather. They shall be free of rounded, worn, or weathered surfaces. The Owner shall reject all weathered stone.
2. The color of the boulders shall be as approved by the Owner. The color shall be approved prior to the boulders being delivered to the construction site. The Owner will visit the boulder supplier's quarry to approve the boulder color. This approved color of boulders will be used for the construction of the boulder retaining walls for the entire project.
3. The boulders for the construction of the walls shall generally rounded, and shall be graded as shown below. Control of gradation will be by visual inspection.

Mean Size	%Wall Face
12"-18"	20
18"-24"	40
24"- 30"	40

4. The specific gravity of the boulders shall be 2.5 or greater according to the bulk-saturated, surface-dry basis, AASHTO T85.
5. Minimum density for acceptable boulders shall be 150 pounds per cubic foot.

504.03 Construction Requirements shall be as follows:

1. Boulders for the boulder walls shall be placed tightly.
2. Excavation and backfill of the boulder retaining walls shall be in accordance with Section 206 - Excavation and Backfill for Structures. Excavation and backfill will not be paid for separately, but shall be included in the work.
3. Subgrade under walls shall be compacted to 95% of maximum density determined in accordance with AASHTO T180, with a minimum bearing capacity of 2000 psf.
4. The boulder walls shall be constructed to the dimensions and in the locations shown on the drawings. The walls shall be constructed with a 1 horizontal to 4 vertical batter on the front and back face, with a minimum width of 1 foot at the top of the wall.

5. The stone for the wall shall be laid to form substantial masonry presenting a neat, finished appearance. Face stones shall be laid to break joint so that each boulder laid rests on two beneath it. Spalls and pinners will not be allowed in the face and shall be used in the backing only where necessary.

6. All face stones shall be pitched to a string line on straight walls or laid to batter stakes for curved walls. The batter shall be consistent with respect to all parts of the wall and shall meet the minimum requirements set forth in the detail. The degree of roughness on the exposed face shall be measured with a six-foot straight edge supported between adjacent projections on the stone face. Variations in the face in excess of 4 inches, measured form the straight edge to the extreme depression in the stone will not be permitted. Rear faces shall present approximately plane surfaces and shall in general conform to the detail.

504.05 Examination: Examine the substrates, adjoining construction and the conditions under which the work is to be installed. Do not proceed with the work until unsatisfactory conditions have been corrected.

504.06 Field Measurements: Verify dimensions before proceeding with the work. Obtain field measurements for work required to be accurately fitted to other construction. Be responsible for the accuracy of such measurements and precise fitting and assembly of finished work.

METHOD OF MEASUREMENT

504.07 Boulder Retaining Wall will be measured by square foot of vertical surface area of completed wall face. Landscape boulders will be paid for based on the number of boulders installed according the dimensions shown in the plans**.**

504.08 The unit price of Boulder Retaining Wall shall be compensation for complete installation including but not limited to subgrade compaction, water, structure excavation and backfill, rock, construction dewatering, delivery and installation.

Payment will be made under:

Pay Item	**Pay Unit**
Retaining Wall (Boulder)	Square Foot

REVISION OF SECTION 608
PERMEABLE INTERLOCKING CONCRETE PAVEMENT

Section 608 of the Standard Specifications is hereby revised to include the following:

DESCRIPTION

608.01 The work consists of construction of permeable interlocking concrete pavers on a permeable, open-graded crushed stone bedding layer (typically ASTM No. 8 stone). This 2 in. (50 mm) layer is placed over an open-graded base (typically No. 57 stone no greater than 4 in. or 100 mm thick) and a sub-base (typically No. 2 stone or similar sized material).

MATERIALS

608.02 Permeable Interlocking Concrete Pavers be Basalite Mission (or approved equal), and shall be obtained from a single manufacturer. Pavers shall be consistent in color, size and appearance.

The production of interlocking concrete paving stones shall be by a manufacturer that is a member of the ICPI and SF Concrete Technology, Inc. The manufacturer must possess a minimum of (5) five years experience in the fabrication of concrete paving stones.

Permeable interlocking pavers shall be a minimum of 3-1/8” (80mm) in thickness and shall conform to the requirements of ASTM C936 (8,000 psi minimum compressive strength), with no paver testing lower than 7,200 psi.

Paver length and width shall not vary by more than + 1/16" (1.6mm) in unit dimension. Paver height shall not vary by more than (+ 1/8" (3.2mm) from specified standard dimensions.

Materials used to manufacture concrete paving stones shall conform to the following:

- Cement: ASTM C-150 (Portland Cement)
- Aggregate: ASTM C-33 (screened, washed sand and rock, with no expanded shale or lightweight aggregates.

Sand Bedding Course

SIEVE SIZE: 3/8 inch	No. 4	No. 8	No. 100	No. 200
Passing: 100%	93-100%	61-100%	1-12%	1-7%

Furnish full sizesamples to the Engineer for approval prior to beginning placement. Prior to beginning placement, install a 6 foot by 6 foot paver area following these specifications. This area will be used to determine surcharge of the bedding material layer, joint sizes, lines, laying patterns and colors of the job. This area will be adjacent to an edge treatment, incorporated into the work, and will be the standard from which the work will be judged.

CONSTRUCTION

Subsection 608.03 shall be revised to include the following:

Paving stones shall be delivered and unloaded at the project site on pallets and banded using a combination of galvanized steel and nylon in such a manner than no damage occurs to the product during shipping, off-loading or handing of the project site.

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REVISION OF SECTION 608
PERMEABLE INTERLOCKING CONCRETE PAVEMENT

Sand shall be delivered to the job site and stored in such a manner as to deter contamination.

Installation of interlocking paving stones shall be by a prequalified specialty contractor who has been certified by Basalite and/or the ICPI. The specialty contractor shall possess a minimum of (5) five years experience in the interlocking paving stone industry and must have satisfactorily completed projects of similar size and cost.

The thickness of the sand-bedding course should be uniform to insure an even surface after compaction of unit pavers. The maximum designed depth should be (1) one inch thick with no sand thickness less than (3/4").

The installation of the sand-bedding course will be the responsibility of the paving stone contractor.

The finished sub-base should be installed to within + (1/2") one-half inch of the following: The unit paver thickness plus the (1") one-inch sand-bedding course from final elevation.

Do not begin installation of pavers until sub-base has been installed per specifications.

Screed sand bedding course to recommended depth. Sand is to remain undisturbed prior to the installation of unit pavers. Moisture content of sand should remain constant.

Unit pavers shall be clean and free of foreign materials before installation.

Installation shall start from a corner or straight edge, unless detailed otherwise and proceed forward over the undisturbed sand-bedding course.

Paving work shall maintain proper elevations and slope design. Unit paver surface shall be even, true to line and grade and shall properly coincide and align with adjacent work to elevations. All perimeter edges must be retained to secure the unit pavers and sand-bedding course.

a. Unit pavers should be installed tight and level on the sand-bedding course. String lines should be used to hold pattern directions true. No unit paver joint shall be greater than (1/4") inch. No perimeter edge joint should be greater than (3/8"). NOTE: Some pavers shapes are designed with larger joint spacing.

b. Cutting of unit pavers shall be done with a double bladed stonecutter or diamond blade masonry saw.

c. A plate type vibratory compactor should be used to compact the unit pavers into the sand-bedding course. Two to Three passes are recommended to insure an even elevation.

d. Spread a dry, angular/fine sand (commonly known as mortar sand) over the compacted unit pavers. Make several passes with the plate compactor, while sweeping the sand into the paver joints. Insure all joints are full before clean up. Excess sand should be swept up and removed from the completed unit paver installation.

e. The completed paving stone installation should be swept and washed down to provide a clean, finished, workman-like landscape surface.

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REVISION OF SECTION 608
PERMEABLE INTERLOCKING CONCRETE PAVEMENT

METHOD OF MEASUREMENT

Subsection 608.05 shall be revised to include the following:

The quantity to be paid for will be the area in square yards for Permeable Interlocking Concrete Pavers, measured in place, completed and accepted. No deduction will be made for the areas occupied by manholes, inlets, drainage structures or by public utility appurtenances within the normal areas of the pavers.

BASIS OF PAYMENT

Subsection 608.06 shall be revised to include the following:

Price and payment will be full compensation for all work specified in this Section and the quantity, determined as provided above, will be paid for at the contract unit price per square yard for pavers.

Payment will be made under:

Pay Item	**Pay Unit**
Permeable Interlocking Concrete Pavers	Square Yards

No separate measurement or payment will be made for the bedding course material; the cost for that material shall be included in the unit price for the pavers.

All work necessary and incidental to the construction of the permeable interlocking concrete pavement will not be measured and paid for separately but shall be included in the work.

REVISION OF SECTION 630
CONSTRUCTION ZONE TRAFFIC CONTROL

Section 630 of the Standard Specifications is hereby revised for this project as follows:

Subsection 630.15 shall include the following:

Payment shall be full compensation for furnishing, erecting, cleaning, maintaining, moving, removing, and disposing of construction traffic control devices necessary to complete the work. Payment for traffic control will be prorated based upon the proportionate amount of the work completed.

All references to payment for hourly and daily flagging/traffic control supervisor, and unit cost payment for traffic control devices/barriers/detours etc. in Section 630 of the Standard Specifications, Project Standard Special Provisions shall be disregarded and deleted from the Specifications. Payment (Lump Sum) will be full compensation for all work necessary to complete the construction of the project including, but not .limited to:

1. Preparation and submittal of MHT, and required services of Traffic Control Supervisor.

2. The rental/ purchase, fabrication, installation and maintenance of all equipment, signs, channelization devices, etc during construction of the project.

3. All labor costs, including flagging and TCS and TCI.

4. All labor costs, including flagging and TCS and TCI. Payment will be made under:

Pay Item	**Pay Unit**
Traffic Control	Lump Sum

TRAFFIC CONTROL PLAN- GENERAL

The key elements of the Contractor's method of handling traffic (MHT) are outlined m subsection 630.09. The components of the TCP for this project are included in the following:

(1) Subsection 104.04 and Section 630 of the specifications.
(2) Standard Plan S-630-1, Traffic Controls for Highway Construction, and Standard Plan S- 630-2.

All construction signing shall meet or exceed the requirements of the MUTCD and be installed in accordance with CDOT Standard Drawing S-630-1. Changes to the Contractor's MHT shall be approved by the Engineer prior to deployment.

Special Traffic Control Plan requirements for this project are as follows:

During the construction of this project, traffic shall use the present traveled roadway at all times unless otherwise directed by the Engineer. The contractor shall provide full intersection movements for vehicular and pedestrian traffic at all times, unless otherwise authorized by the Engineer.

Vehicular and pedestrian traffic shall be maintained on a surface that remains stable through all weather conditions. The Contractor has the option for materials provided the surface is stable and appropriate dust control measures are taken to provide a dust-free surface.

The Contractor shall maintain access to all roadways, side streets, walkways, alleyways, driveways, and hike/bike paths at all times unless otherwise approved by the Engineer. Access to individual properties shall be maintained at all times unless otherwise approved by the Engineer. Contractor shall be required to coordinate temporary closures of all private driveways with homeowners lining the construction area. A minimum of 48 hours advanced notice of closures shall be provided.

The Contractor shall not have construction equipment or materials in the lanes open to traffic at any time, unless directed.

Only one lane may be closed to traffic at any time. Traffic shall not be delayed for more than 15 minutes or as directed by the Engineer.

Work hours shall be 8 am to 5 pm, Monday through Friday.

Lane closures / one-way traffic with flaggers shall be allowed between 9 am and 3 pm, Monday through Thursday and between 9 am and 12 pm on Friday. Additional lane closures may be possible with prior approval.

A minimum lane with of 10-ft shall be provided for all two-way traffic. A minimum lane width of 14-ft shall be provided for all one-way traffic with flaggers.

Work that interferes with traffic will not be permitted during any of the following times: 1] on any day of a 3 or 4 day holiday weekend; or 2] after 12:00 noon on the day preceding such holiday weekend.

During non-construction periods (evenings, weekends, holidays, etc.), all work shall be adequately protected to insure the safety of vehicular and pedestrian traffic, as detailed in the Contractor's MHT. Excavations or holes shall be filled in or fenced when unattended.

Signs damaged due to Contractor operations shall be replaced in kind or repaired by the Contractor at no additional cost to the project.

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TRAFFIC CONTROL PLAN- GENERAL

All advanced construction signing shall be installed prior to any construction activity and remain in place for all phases of construction. Road Work advance sequence signs shall be reset as required to match current locations of initial traffic control devices.

Resetting of construction signs as required by the work is considered incidental to the project and will not be paid separately.

Masking of existing/permanent or temporary signs as required by the work is considered incidental to the project and will not be paid separately.

Contractor is required to reset a number of permanent signs as part of the project. Payment for this item is included separately as Reset Ground Sign. Additional resets that may be required during the phasing of the work are considered incidental to the project and will not be paid separately.

Concrete barrier (temporary) deployed during construction shall be tapered such that uncovered end sections are outside the clear zone in accordance with the AASHTO "Roadside Design Guide." If it is not possible to deploy barrier such that clear zone requirements are met, Contractor shall provide temporary impact attenuators to cover all exposed barrier ends.

Contractor shall not be paid separately to reset temporary barrier. The cost of performing this activity shall be considered included in the unit price for Concrete Barrier (Temporary) and will not be paid separately.

Prior to starting construction, the Contractor shall notify the Project Manager of the date the Contractor intends to start construction.

All costs incidental to the foregoing requirements shall be included in the original contract price for the project.

FORCE ACCOUNT ITEMS

DESCRIPTION

This special provision contains the Department's estimate for force account items included in the Contract. The estimated amounts marked with an asterisk will be added to the total bid to determine the amount of the performance and payment bonds. Force Account work shall be performed as directed by the Engineer.

BASIS OF PAYMENT

Force account work valued at $5,000 or less, that must be performed by a licensed journeyman in order to comply with federal, state, or local codes, may be paid for after receipt of an itemized statement endorsed by the Contractor.

Payment will be made in accordance with subsection 109.04. Payment will constitute full compensation for all work necessary to complete the item.

Force Account Item	Quantity	Amount
FIA Minor Contract Revisions*	F.A.	$15,000
F*I*A Fuel Cost Adjustment	F.A.	$2000

UTILITIES

The following utilities are within the limits of this project but are not expected to be involved:

Utility /Agency	Contact	Phone	E-mail
Water and Sewer: Town of Nederland	Jason Morrison	(303) 258-3266, ext. 26	jasonm@nederlandco.org
Electric and Gas: Xcel Energy	Katie Middleton	(303) 245-2287	katie.middleton@xcelenergy.com
Telephone: CenturyLink	Dan Lewis	(303)441-7142	dan.lewis@centurylink.com.
Cable Television: USA Communications			

The work described in these plans and specifications requires coordination between the Contractor and the utility companies in accordance with subsection 105.11 in conducting their respective operations as necessary to complete the utility work with minimum delay to the project.

The work listed below shall be performed by the Contractor in accordance with the plans and specifications, and as directed by the Engineer. The Contractor shall keep each utility company advised of any work being done to its facility, so that the utility company can coordinate its inspections for final acceptance of the work with the Engineer.

FOR:

All Utility Companies
The Contractor will contact each utility company a minimum of 5 business days, unless otherwise noted, prior to working in the utility company's area so that the utility company can provide an inspector and/or complete any necessary adjustments or relocations.

If a need for utility work by either the Contractor or a Utility Company arises, the following shall apply:

The Contractor shall be responsible for coordinating the adjustment of utilities on this project. The Contractor shall keep each utility company advised of any work being performed in the vicinity of their facilities so that each utility company can coordinate any needed locates, adjustments or inspections. The Contractor shall provide the appropriate utility company ample notice, but not less than two (5) working days, prior to commencing activities in the vicinity of their facilities. If needed, or as directed by the Project Engineer, the Contractor may provide traffic control for utility work to be coordinated with the project's construction, in accordance with an approved Method of Handling Traffic (MHT). Any additional work performed by the Contractor on behalf of the impacted utility company shall be paid by the utility company requiring the work, unless otherwise provided herein, or agreed to in writing by the Project Engineer.

Town of Nederland
All work on Town of Nederland facilities shall be done in accordance with the standards and specifications for the Town of Nederland or as otherwise shown in the plans or directed by the project engineer. The Contractor shall schedule a pre-construction conference with the Town of Nederland a minimum of 10 days prior to commencing work on the Town's facilities for the purpose of familiarizing himself/herself with the Town's codes and standards as well as establishing a work schedule conducive to both parties. The Contractor shall also be responsible for coordinating all required inspections with the Town of Nederland.

The Contractor will be required to adjust approximately 2 manholes to final grade as shown in the plans. Payment for this work will be handled by contract bid items - Adjust Manhole.

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UTILITIES

CenturyLink Communications

The contractor shall also be required to verify the exact location and depth of all line crossings impacted by this project. CenturyLink will be required to relocate and/or adjust its line to avoid the conflict. This work will be performed concurrent with project construction and therefore create restrictions on the contractors work progress. Coordination with CenturyLink will be required as part of this project as the relocation completion date is currently unknown. The Contractor shall be responsible for coordinating this work. This work will be performed by CenturyLink at no cost to the project.

Xcel Energy
The contractor is required to verify the exact location and depth of all line crossings impacted by this project. Xcel will be required to relocate and/or adjust its line to avoid the conflict. This work will be performed concurrent with project construction and therefore create restrictions on the contractors work progress. Coordination with Xcel will be required as part of this project as the relocation completion date is currently unknown. The Contractor shall be responsible for coordinating this work. This work will be performed by Xcel at no cost to the project. The contractor shall provide a minimum of two weeks advanced notice if relocation is required.

The work listed below will be performed by the utility owners or their agents:

CenturyLink Communications
CenturyLink will relocate its conflicting service lines within the right-of-way as necessary to avoid construction conflicts as directed by the project engineer. This work will occur concurrent with project construction and will therefore create restrictions on the Contractor's work progress. Coordination with CenturyLink may be required as part of this project as the relocation completion date is currently unknown. The Contractor shall be responsible for coordinating this work. This work will be performed by CenturyLink at no cost to the project.

Xcel Energy
Xcel will be required to relocate a utility pole at the locations shown on the plans. This work will be performed prior to construction.

Xcel will relocate its conflicting service lines within the right-of-way as necessary to avoid construction conflicts as directed by the project engineer. This work will occur concurrent with project construction and will therefore create restrictions on the Contractor's work progress. Coordination with Xcel may be required as part of this project as the relocation completion date is currently unknown. The Contractor shall be responsible for coordinating this work. This work will be performed by Xcel at no cost to the project.

USA Communications
No relocation work or construction conflicts anticipated.

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UTILITIES

GENERAL:

The Contractor shall comply with Article 1.5 of Title 9, CRS ("Excavation Requirements") when excavation or grading is planned in the area of underground utility facilities. The Contractor shall notify all affected utilities at least two (5) business days prior to commencing such operations. Contact the Utility Notification Center of Colorado (UNCC) to have locations of UNCC registered lines marked by member companies. Calls originating within the Denver metro area use phone no. 534-6700; calls originating outside the Denver area use 1-800-922-1987. All other underground facilities shall be located by contacting the respective company. Utility service laterals shall also be located prior to beginning excavating or grading.

The locations of utility facilities as shown on the plan and profile sheets, and herein described, were obtained from the best available information.

All costs incidental to the foregoing requirements will not be paid for separately but shall be included in the work.