

**CITY OF THORNTON
RIVERDALE TRAIL CONNECTION
PROJECT NUMBER 21-674G
PROJECT SPECIAL PROVISIONS**

The latest editions of the City of Thornton Standards and Specifications for the Design and Construction of Public and Private Improvements and the 2022 CDOT Standard Specifications for Road and Bridge Construction controls 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
City of Thornton**

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**PROJECT SPECIAL PROVISIONS
Colorado Department of Transportation (CDOT)**

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Specification requirements for Site C & D will not apply to this project

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**REVISION OF SECTION 105
EXCAVATION AND EMBANKMENT**

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

Subsection 105.4 K. shall include the following:

Embankment Fill: Fill placed for the embankments associated with trail construction may consist of on-site soils.

All fill material shall be free of vegetation, brush, sod, and other deleterious substances and shall not contain rocks, debris or lumps having a diameter of more than 3 inches. Rocks, debris, or lumps shall be dispersed throughout the fill and "nesting" of these materials shall be avoided.

Excavated or removed asphalt mat shall not be used in embankments without prior approval by the Engineer.

Quantities for Unclassified Excavation (Complete in Place) shall not be measured but shall be the quantities designated in the Contract. The Contractor is responsible for verifying the quantities prior to completing their bid. If the Contractor believes that the quantities of earthwork are different than those presented on the bid schedule, then the Contractor shall adjust their bid prices accordingly.

Proof Rolling is incidental to the work and will not be measured and paid for separately.

It shall be the contractor's responsibility to locate and protect all utilities including locating the affected utilities by potholing. Potholing shall be considered incidental to any bid item that requires potholing.

Earthwork requiring more than one handling will not be measured and paid for separately but shall be considered incidental to the Excavation and Embankment quantities listed in the bid schedule.

Excavation and backfill for storm sewers, manholes, inlets, and culverts shall not be paid for separately but shall be included in the unit bid prices for all work requiring structure excavation and backfill.

BASIS OF PAYMENT

The accepted quantities will be paid for at the contract unit price for each of the pay items listed below that appear in the bid schedule.

Payment will be made under:

Pay Item	Pay Unit
Unclassified Excavation (Complete in Place)	Cubic Yard

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**REVISION OF SECTION 105
EXCAVATION AND EMBANKMENT**

Water will not be measured and paid for separately but shall be included in the work.

Compaction will not be measured and paid for separately but shall be included in the work.

Potholing will not be measured and paid for separately but shall be included in the work.

Payment for Unclassified Excavation (Complete in Place) shall be full compensation for all work necessary to complete the item including construction of embankments, unclassified excavation, borrow, compaction, moisture conditioning and compaction of bases of cuts and fills, all work in available materials pits, and disposal of excess excavated material that remains property of the contractor.

Unclassified excavation includes excavation, storage, and placement of salvaged existing gravel material.

Salvaged existing gravel material from existing site A (Sta 3+28 to 14+83) trail can be reused as salvaged material for buffer area in site A (Sta 3+28 to 14+83).

If site C is built concurrent with site A, then salvaged existing gravel material from existing site A (Sta 3+28 to 14+83) trail can be reused as salvaged material for buffer area between back of sidewalk and fence in site C (Sta 99+98 to 104+11).

Any excess salvaged existing gravel material shall be given to Adams County (Trevor Graf, 720-280-7267) for repurpose. If Adams County denies then give excess salvaged existing gravel material to Thornton Parks & Recreation (Claire Dressen, 720-977-6247). Excess material may be stockpiled for removal by others. Salvaged existing gravel material need to be stockpiled separately from regular in situ dirt to ensure it's suitable for reuse.

END OF SECTION REVISION

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**REVISION OF SECTION 105
SUBGRADE**

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

Subsection 105.4 L. and M. shall include the following:

The Contractor is responsible for obtaining a legal source for water to complete the work as specified in the Contract Documents, including any necessary permits or fees.

Water required for all work covered under the Contract will not be measured and paid for separately but shall be included in the work. Contractor shall obtain a water meter, for a refundable deposit, from the City of Thornton which is to be used for site project watering.

END OF SECTION REVISION

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REVISION OF SECTION 105 TRAFFIC CONTROL

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

Subsection 105.4 S. shall include the following:

The Contractor shall develop an individual Traffic Control Plan (TCP) and supporting Method of Handling Traffic (MHT) for each of the locations included in the Contract that maintains access to all roadways, side streets, walkways, driveways, and pedestrian paths at all times unless otherwise directed by the Owner prior to starting construction. The Contractor's TCP and MHT preparer shall be certified as a worksite traffic supervisor by either the American Traffic Safety Services Association (ATSSA) or the Colorado Contractor's Association (CCA). The preparer's name and certification number shall be included on TCPs and MHTs. Individual Traffic Control Permits will be issued for each respective location included in the Contract. The Contractor shall submit all TCP's and MHT's to the Owner for approval within 10 Days after formal Award of the Contract. Failure of the Contractor to submit detailed, comprehensive and clearly legible TCP's and MHT's will constitute grounds for rejection of TCP's and MHT's without extensive elaboration or comment from the Owner. The Owner will return approved or "redlined" TCP's and MHT's to the Contractor within 7 calendar days from receipt of the submittal. The Contractor shall then present final corrected TCP's and MHT's to the Owner for final approval and issuance of a Traffic Control Permit.

Pedestrian movements as shown on the suggested traffic control plan sheet shall also be fully addressed in the TCP and MHT submittals. No plan will be approved that unreasonably impedes or restricts pedestrian movements. No devices required for the implementation of the Contract requirements will be permitted to be installed on or above sidewalk surface areas unless otherwise approved by the Owner in the respective MHT.

The Contractor shall maintain continuous access throughout the project for pedestrians, bicyclists, and disabled persons. When the existing access route is disturbed by construction, a temporary all-weather access shall be provided. All temporary access shall be a minimum of 8 feet wide and meet Americans with Disabilities Act (ADA) requirements. Acceptable all weather surfacing shall be concrete or asphalt surface, or as approved by the Engineer.

The costs of maintaining access will not be paid for separately, unless otherwise provided, but shall be included in the work. Utilization of materials to be incorporated into the work may be permitted. However, any degradation or other contamination or destruction shall be corrected at the Contractor's expense prior to acceptance.

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REVISION OF SECTION 105 TRAFFIC CONTROL

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

The Contractor shall also obtain traffic control permits as required by other municipal, county or state agencies when the Work requires traffic control devices to be installed within the limits of their respective jurisdictions. The Contractor shall contact other appropriate municipalities at least seventy-two (72) hours before starting work in any areas that will affect or change traffic or pedestrian flow within other jurisdiction(s). The Contractor shall obtain approval from the respective responsible representative of other jurisdictions for any trail, lane, or street closure, or any change or interruption of the flow of traffic or pedestrian within that respective City. If the Contractor desires to revise the approved TCP or MHT because of comments received from other jurisdictions, the Contractor shall submit such revisions to the Owner and allow one (1) week for review and comment. The Owner will approve a plan that, in his judgment, provides adequately for the safety and convenience of the public and provides the same or greater service as the previously approved plan.

The Contractor shall work only between the hours of 8:30 a.m. and 3:30 p.m. on arterial and collector streets, with the stipulation that only one direction of travel be interrupted at any given time unless working in median areas. Active traffic control devices shall be installed and removed between the hours of 8:30 a.m. and 3:45 p.m. The Contractor must maintain at least one (1) lane of traffic in each direction as well as a median lane for left turn movements on all Collector and Arterial Streets unless otherwise approved by the Owner and incorporated into an approved MHT. Business access closures may only occur on Monday through Thursday for duration not to exceed 2 hours before reopening each access. Businesses must have at least one access point open during construction. Requests for other hours, special conditions or time allowances will be subject to approval by the Owner. Separate turn lanes will be required at all signalized intersections during construction at intersections.

Drums shall be placed at a maximum spacing of thirty (30) feet. Each barricade shall be furnished with two steady-burn beacons. Other construction traffic control devices shall be used where applicable.

All personal vehicle and construction equipment parking is prohibited where it conflicts with safety, access, or the flow of traffic. Personal vehicle and construction equipment parking will be prohibited on all private lots without the respective property owner's permission. Landscaped areas, public park areas, and roadway shoulders shall be kept clear of parking and storage of all personal and construction equipment except where approved by the Engineer.

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**REVISION OF SECTION 105
TRAFFIC CONTROL**

Traffic lanes through construction areas shall be maintained as shown on the approved traffic control plans or with a clear width of at least eleven (11) feet per lane. When directed by the Owner, the Contractor shall provide and maintain an acceptable temporary asphalt surface for temporary roads or driveways.

In the event there is a violation of the working hours limitations or any other Traffic Control requirement, the Contractor will automatically be subject to a "Stop Work Order" immediately.

All construction Traffic Control shall be measured on a lump sum basis. Traffic Control shall be paid for by one lump sum as listed on the respective Bid Proposal Form. Payment for all other traffic control devices, personnel, equipment, material and any other related expense for traffic control shall be included in the lump sum Bid unit price for Traffic Control.

Temporary orange fencing will be required around staging areas. Temporary fencing shall not be paid for separately but considered incidental to traffic control.

BASIS OF PAYMENT

The accepted quantities will be paid for at the contract unit price for each of the pay items listed below that appear in the bid schedule.

Payment will be made under:

Pay Item	Pay Unit
Traffic Control (Special)	Lump Sum

END OF SECTION REVISION

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REVISION OF SECTION 505
AGGREGATE BASE COURSE (SPECIAL)

Section 505 of the Thornton Standard Specifications is hereby revised for this project as follows:

In subsection 505.2B., TABLE 500-19 shall include Aggregate Base Course (Special):

TABLE 500-19
 AGGREGATE BASE COURSE MATERIALS
 AND CDOT SPECIFICATIONS

Sieve Designation	% Passing By Weight		
	Class 5	Class 6	Special
1½"	100	---	---
1"	95-100	---	---
¾"	---	100	---
3/8"	---	---	100
No. 4	30-70	30-65	90-100
No. 8	---	25-55	55-80
No. 16	---	---	40-70
No. 30	---	---	25-50
No. 200	3-15	3-12	6-15
Liquid Limit (LL)	30, Maximum	30, Maximum	30, Maximum

Measurement and Payment shall be based on weight tickets provided by the Contractor to the Owner at time of delivery to the site. Weight tickets shall be provided to Owner staff in an envelope which contains the previous day’s signed tickets and the following:

- (1) Project Number, date of placement, type of material, daily total, and cumulative total.
- (2) A spreadsheet showing the tabulations of the weight tickets with corresponding totals.

The accepted quantities of aggregate base course, of the class specified, will be paid for at the contract price bid per cubic yard, as shown in the bid schedule.

BASIS OF PAYMENT

The accepted quantities will be paid for at the contract unit price for each of the pay items listed below that appear in the bid schedule.

Payment will be made under:

Pay Item	Pay Unit
Aggregate Base Course (Special)	Cubic Yard

Water will not be measured and paid for separately but shall be included in the work.

END OF SECTION REVISION

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**REVISION OF SECTION 505
AGGREGATE BASE COURSE (SPECIAL)**

Aggregate Base Course (Special) shall be composed of grey finely crushed granite material and shall meet the Aggregate Gradation Table 500-19. Contractor shall provide 1 cubic foot sample to be subject to approval by the Owner.

END OF SECTION REVISION

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SUBMITTALS

The Contractor shall submit for review and approval the following list of equipment and materials as required by the plans, prior to the Contractor ordering such materials. Submittals shall consist of product cut sheets and necessary supporting material and each item shall be identified by the trade name, size, and catalog number. Additional documentation may be requested at the discretion of the Engineer.

- (1) HMA Mix Design (Patching)
- (2) Concrete Mix Design (Class D)
- (3) Aggregate Base Course (Special)
- (4) Seed
- (5) Soil Amendments
- (6) Mulch/Tackifier
- (7) Erosion Control Materials
- (8) SWMP
- (9) TCP/MHT
- (10) Construction Schedule

END OF SECTION REVISION

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REVISION OF SECTION 201
CLEARING AND GRUBBING

Section 201 of the Colorado Department of Transportation Standard Specifications for Road and Bridge Construction is hereby revised for this project as follows:

DESCRIPTION

Subsection 201.01 shall include the following:

Any clearing, grubbing, and tree trimming/removal activities that occur between April 1 to August 31 requires a migratory bird nest check by a qualified biologist to make sure no occupied nests are affected by these activities. Work outside of this nesting season can occur without this check. The Contractor shall coordinate this work through the Engineer.

CONSTRUCTION REQUIREMENTS

Subsection 201.02 shall include the following:

All trees and shrubs adjacent to and within the project limits shall be protected with the exception of those specified within the plans to be removed.

END OF SECTION REVISION

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**REVISION OF SECTION 208
EROSION CONTROL**

Section 208 of the Colorado Department of Transportation Standard Specifications for Road and Bridge Construction is hereby revised for this project as follows:

CONSTRUCTION REQUIREMENTS

In subsection 208.05(n), in the list of requirements for prefabricated concrete washout structures, delete item (2) and replace it with the following:

Structure shall be located 50 horizontal feet away from State waters and shall be confined so that no potential pollutants will enter State waters and other sensitive areas are as defined in the Contract. Locations shall be as approved by the Engineer. The site shall be signed as “Concrete Washout”.

METHOD OF MEASUREMENT

In subsection 208.11 delete the section and replace with the following:

The lump sum erosion control bid item shall include installation, inspection, maintenance, replacement, and removal of all control measures depicted in the SWMP (ESC) plans or otherwise required by site conditions based on the contractor’s means and methods. This includes, but is not limited to, the following control measures that are anticipated being used on the project: vehicle tracking pad, prefabricated vehicle tracking pad, maintaining vehicle tracking pad aggregate, concrete washout structure, prefabricated concrete washout structure, erosion log, silt fence, and aggregate bag. These listed and any other control measures that are required by site conditions based on the contractor’s means and methods not listed will not be measured and paid for separately but shall be paid under the lump sum erosion control item.

BASIS OF PAYMENT

In subsection 208.12 delete the section and replace with the following:

The lump sum erosion control bid item shall include installation, inspection, maintenance, replacement, and removal of control measures depicted in the SWMP (ESC) plans or otherwise required by site conditions based on the contractor’s means and methods.

Payment will be made under:

Pay Item	Pay Unit
Erosion Control	LS

END OF SECTION REVISION

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**REVISION OF SECTION 212
LANDSCAPE RESTORATION**

Section 212 of the Standard Specifications is hereby revised for this project as follows:

DESCRIPTION

Subsection 212.01 shall include the following:

This work consists of landscape and irrigation restoration and removal of sod, small landscape rocks, steel siding, and irrigation systems in accordance with these specifications and in conformity with the lines and grades shown on the plans or established. Landscape restoration shall closely match the existing layout and materials of each area.

CONSTRUCTION REQUIREMENTS

Add subsection 212.061 immediately following subsection 212.06:

Landscape Restoration includes but is not limited to removal of sod, small landscape rocks, steel siding, and irrigation systems and restoring disturbed areas with sod, fertilizer, soil conditioning, decorative mulch, and modifications to create a working irrigation system.

METHOD OF MEASUREMENT

Subsection 212.07 shall include the following:

Landscape Restoration will not be measured.

BASIS OF PAYMENT

Payment shall be for each of the four areas shown on the plans. Twenty-five percent (25%) of the lump sum shall be paid for each of the four areas accepted by the project engineer as completed.

Subsection 212.08 shall include the following:

Pay Item	Pay Unit
Landscape Restoration	LS

END OF SECTION REVISION

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**REVISION OF SECTION 403
 HOT MIX ASPHALT**

Section 403 of the Standard Specifications is hereby revised for this project as follows:

MATERIALS

Subsection 403.02 shall include the following:

The design mix for hot mix asphalt shall conform to the following:

Table 403-1		
Property	Test Method	Value For Grading
		Patching
Air Voids, percent at: N (design)	CPL 5115	3.5 – 4.5
Lab Compaction (Revolutions): N (design)	CPL 5115	75
Stability, minimum	CPL 5106	N/A
Aggregate Retained on the 4.75 mm (No. 4) Sieve for SX with at least 2 Mechanically Induced fractured faces, % minimum*	CP 45	60
Accelerated Moisture Susceptibility Tensile Strength Ratio (Lottman), minimum	CPL 5109 Method B	80
Minimum Dry Split Tensile Strength, kPa (psi)	CPL 5109 Method B	205 (30)
Grade of Asphalt Cement, Top Layer		PG 64-22
Grade of Asphalt Cement, Layers below Top		PG 64-22
Voids in the Mineral Aggregate (VMA) % minimum	CP 48	See Table 403-2
Voids Filled with Asphalt (VFA), %	AI MS-2	70-80
Dust to Asphalt Ratio		
Fine Gradation	CP 50	0.6 - 1.2
Coarse Gradation		0.8 – 1.6
<p>Note: AI MS-2 = Asphalt Institute Manual Series 2</p> <p>Note: Mixes with gradations having less than 40% passing the 4.75 mm (No. 4) sieve shall be approached with caution because of constructability problems.</p> <p>Note: Gradations for mixes with a nominal maximum aggregate size of one-inch or larger are considered a coarse gradation if they pass below the maximum density line at the #4 screen.</p> <p style="padding-left: 20px;">Gradations for mixes with a nominal maximum aggregate size of 3/4” to 3/8” are considered a coarse gradation if they pass below the maximum density line at the #8 screen.</p> <p style="padding-left: 20px;">Gradations for mixes with a nominal maximum aggregate size of #4 or smaller are considered a coarse gradation if they pass below the maximum density line at the #16 screen.</p>		

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**REVISION OF SECTION 403
HOT MIX ASPHALT**

Hot mix asphalt for patching shall conform to the gradation requirements for Hot Mix Asphalt (Grading SX).

CONSTRUCTION REQUIREMENTS

Subsection 403.03 shall include the following:

The Contractor shall construct the work such that all roadway pavement placed prior to the time paving operations end for the year, shall be completed to the full thickness required by the plans. The Contractor's Progress Schedule shall show the methods to be used to comply with this requirement.

BASIS OF PAYMENT

Delete subsection 403.05 and replace with the following:

The accepted quantities of hot mix asphalt will be paid for in accordance with subsection 401.22, at the contract unit price per square yard for the bituminous mixture.

Payment will be made under:

Pay Item	Pay Unit
Hot Mix Asphalt (Patching) (Asphalt)	SY

When the pay item does not include the PG binder grade, asphalt cement will be measured and paid for in accordance with Section 411. Asphalt cement used in Hot Mix Asphalt (Patching) will not be measured and paid for separately, but shall be included in the work.

Excavation, preparation, and tack coat of areas to be patched will not be measured and paid for separately, but shall be included in the work.

END OF SECTION REVISION

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REVISION OF SECTION 608
SIDEWALKS AND BIKEWAYS**

Section 608 of the Colorado Department of Transportation Standard Specifications for Road and Bridge Construction is hereby revised for this project as follows:

Subsection 608.02 - materials shall be revised as follows:

Concrete for sidewalks shall conform to the following minimum requirements:

Required Field Compressive Strength	4500 psi at 28 days
Nominal Sized Coarse Aggregate	3/4 inches
Maximum Slump	4 inches
Air Content Range Water	5% to 8%
Cement Ratio	0.45

Concrete shall be mixed with fibermesh reinforcing strands (or approved equal), at the rate of 1.5 pounds per cubic yard. Mixing, placing, and finishing shall be performed according to manufacturer's recommendations.

Concrete Joint Sealer in accordance with Section 606.1 of the Thornton Standard Specifications.

Subsection 608.03(e) shall be revised to include the following:

Expansion joints shall be sealed with an approved sealant.

Subsection 608.03(f) shall be revised to include the following:

Concrete shall not be left exposed for more than 2 hours between the time finishing is completed and commencement of curing treatment unless approved by the Owner.

It shall be the Contractor's responsibility to protect the concrete from the elements, vandalism, and physical damage. Any concrete showing any signs of exposure to precipitation, flowing water, or freezing, or showing any signs of physical damage shall be removed and replaced by the Contractor at his expense.

Sections of concrete sidewalks which develop random cracking shall be removed and replaced or repaired in a satisfactory manner approved by the Owner, at the Contractor's expense.

BASIS OF PAYMENT

Subsection 608.06 shall be revised to include the following:

Payment will be made under:

Pay Item	Pay Unit
Concrete Sidewalk (6 Inch)	SY

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**REVISION OF SECTION 608
SIDEWALKS AND BIKEWAYS**

Fibrous concrete reinforcement material will not be measured and paid for separately but shall be included in the work.

END OF SECTION REVISION

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UTILITIES**

The following utilities are within the limits of this project.

Utility	Contact/Email	Phone/Cell	Utility
Adams County Comm Cntr Authority	Greg Primavera gregp@communicationconstruction.com	(303) 906-9768	Fiber Optic
AT&T Transmission	Not Available	Not Available	Fiber Optic
Lumen (CenturyLink)	Robin Hill	(303) 243-1093	Fiber & Telco
City of Thornton	Grant Bloom Grant.Bloom@thorntonco.gov	(303) 916-2920	Water, Sewer, Storm, Irrigation
Comcast	Marco Povis Rosales Marco_PovisR@comcast.com	(720) 495-7506	CATV & Fiber
Xcel Energy	Builders Call Line BCLCO@xcelenergy.com	1-800-628-2121	Electric & Gas
Zayo Bandwidth	StakeCenter for Locates Eric Boe for Conflicts eric.boe@zayo.com	(970) 471-4893 (303) 481-6121	Fiber Optic

The work 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.

Adams County Comm Cntr Authority: None

AT&T Transmission: None

Lumen (CenturyLink): Coordinate with utility owner for necessary pedestal relocations

City of Thornton: None

Comcast: None

Xcel Energy: Coordinate with utility owner for necessary meter, street light, and electric box relocation

Zayo Bandwidth: None

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UTILITIES

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

~~Lumen (CenturyLink): The City has initiated the relocation process with Lumen, to relocate three pedestals in Site C at the following locations:~~

- Relocate pedestal, approx. Sta. 101+28, Sta. 101+51 Rt., and Sta. 104+00 Rt.

~~Xcel Energy: The City has initiated the relocation process with Xcel, to relocate a meter/pedestal and a street light in Site C at the following locations:~~

- Relocate meter/pedestal, approx. Sta. 101+28 Rt.
- Relocate street light, approx. Sta. 103+01 Rt.

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 (2) business days, not including the day of notification, prior to commencing such operations. The Contractor shall contact the Utility Notification Center of Colorado (UNCC) at (8-1-1) or 1-800-922-1987 to have locations of UNCC registered lines marked by member companies. 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 location of utility facilities herein described, were obtained from the best available information. No warranty is made for the adequacy or accuracy of the subsurface information provided. The Contractor shall cooperate with the utility owners in their relocation operations. No guarantee is made that utility conflicts will be resolved prior to construction activities and any delays resulting from utility relocation work shall be dealt with in accordance with City of Thornton Special Conditions Section 13.I.

The Contractor shall be responsible for protecting all utilities in place during construction. Repair of damaged utilities shall be at the Contractor's expense, including but not limited to unknown underground utilities.

The work described in these plans and specifications requires coordination between the Contractor and the utility companies in conducting their respective operations, so the utility clearance can be completed with minimum delay to all parties concerned. The Contractor shall keep each utility owner advised of any work being done to its facility, so that each utility owner can coordinate its inspections for final acceptance of the work with the Engineer.

The Contractor shall coordinate the work with the owners of the utilities near the Project work. Coordination with utility owners includes, but is not limited to, staking construction features, providing and periodically updating an accurate construction schedule which includes all utility work elements, providing written notification of upcoming required utility work elements as the construction schedule indicates, allowing the expected number of working days for utilities to

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UTILITIES

complete necessary relocation work, conducting necessary utility coordination meetings, and all other necessary accommodations as directed by the Project Engineer. Surveying and/or staking of utility relocations to be performed by the owner shall be the responsibility of the utility owner.

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

END OF SECTION