

ITEM NO. RR 101 PREPARING RIGHT OF WAY

101.1 Description

Prepare the right-of-way and designated easements for construction operations by removing and disposing of all obstructions when removal of such obstructions is not shown on plans to be paid for by other items.

101.2 Submittals

The submittal requirements of this Item include:

- A. A Street Cut Permit and Utility Construction Permit when utility adjustments are made in the right-of-way;
- B. A burn permit when materials are disposed of by burning; and,
- C. A plan for removing and disposing of all non-salvageable materials and debris.

101.3 Construction Methods

Prior to commencement of this work, place all required Stormwater Pollution Prevention Plan (SW3P) / erosion control and tree protection measures. Locate and protect existing utilities.

Protect designated features in the right-of-way and prune trees and shrubs as directed. Do not operate equipment, park equipment, service equipment, store materials, or disturb the root area under the branches of trees designated for preservation unless otherwise allowed by the Engineer or City Forestry Manager. Carefully trim trees and shrubs, which are scheduled for preservation, as directed. Protect trees from scarring, debarking or other injuries during construction operations in accordance with Item No. RR 610, "Preservation of Trees and Other Vegetation." Treat all exposed cuts, exposed ends of pruned limbs or scarred bark in accordance with the current Tree Technical Manual: Standards and Specifications approved by the City Council.

Clear areas shown on the plans of all obstructions, except those landscape features that are to be preserved. Such obstructions include remains of houses and other structures, foundations, floor slabs, concrete, brick, lumber, plaster, septic tanks and drain fields, abandoned utility pipes or conduits, equipment, fences, retaining walls and other items as specified on the drawings. Remove vegetation and other landscape features not designated for preservation, curb and gutter, driveways, paved parking areas, miscellaneous stone, sidewalks, drainage structures, manholes, inlets, abandoned railroad tracks, scrap iron, and debris whether above or below ground. Removal of live utility facilities is not included in this item. Remove culverts, storm sewers, manholes and inlets in proper sequence to maintain traffic and drainage.

Notify the Engineer in writing when items not shown on the drawings and not reasonably detectable (buried with no obvious indication of presence) are encountered and required to be removed. These items will be handled in accordance with Article 10, Changes in the Work.

Remove obstructions and foundations not designated for preservation to 3 ft. below natural ground in areas receiving embankment. Remove obstructions to 3 ft. below the

excavation level in areas to be excavated. Remove obstructions to 1 ft. below natural ground in all other areas. Cut trees and stumps off to ground level when allowed by the plans or directed. Plug the remaining ends of abandoned underground structures over 3 in. in diameter with concrete to form a tight closure. Backfill, compact and restore areas where obstructions have been removed unless otherwise directed. Use approved material for backfilling in accordance with Item 132 "Embankment". Dispose of wells in accordance with Item 103, "Disposal of Wells."

Accept ownership, unless otherwise directed, and dispose of removed materials and debris at a permitted disposal site in accordance with local, state, and federal requirements. Blasting is not allowed. Burning is not allowed unless otherwise approved. If approved, obtain a burning permit from the City of Round Rock Fire Marshal's office. Pile and burn brush at approved locations as directed.

Where an abandoned underground utility pipe is found, cut and plug the pipe with:

- Concrete, installed in accordance with Item No. 421, "Hydraulic Cement Concrete"; install plug at end of lines prior to placing concrete. Plug shall be adequate to seal line until concrete is set.
- A precast stopper grouted in place, or
- A mechanical plug as approved by the Engineer.

101.4 Measurement

When included in the contract as a pay item, preparing right of way for new construction will be measured by the acre, 100-foot station, or lump sum, regardless of the width of the right of way.

Measurement for payment will be made only on areas specified as "Preparing Right of Way".

101.5 Payment

Payment for this Item will be considered subsidiary to Item No. 110, "Excavation", and Item No. 132, "Embankment" unless included as a separate pay item in the contract. When included as a pay item, it will be paid for at the unit price bid for "Preparing Right of Way." This price is full compensation for pruning of trees and shrubs; removal and disposal of structures and obstructions; backfilling of holes; furnishing and placing concrete for plugs; and equipment, labor, tools, and incidentals.

When included as a pay item, payment will be made under one of the following:

- | | |
|--------------------------|-----------------------|
| Preparing Right of Way - | Per Acre. |
| Preparing Right of Way - | Per 100 foot Station. |
| Preparing Right of Way - | Per Lump Sum. |

End

<u>SPECIFIC</u> CROSS REFERENCE MATERIALS
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Specification Item No. RR 101, "PREPARING RIGHT-OF-WAY"

City of Round Rock Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. 506	Manholes
Item No. 610	Preservation of Trees and Other Vegetation

Texas Department of Transportation: Current edition of Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges

<u>Designation</u>	<u>Description</u>
Item No. 103	Disposal of Wells
Item No. 110	Excavation
Item No. 132	Embankment
Item No. 421	Hydraulic Cement Concrete

ITEM NO. RR 102 CLEARING AND GRUBBING

102.1 Description

Remove and dispose of all trees, stumps, brush, roots, shrubs, vegetation, logs, rubbish and other objectionable material, unless designated for protection, within the construction limits.

102.2 Submittals

The submittal requirements of this Item include:

- A. A utility permit when utility adjustments are made in the right-of-way
- B. A burn permit when materials are disposed of by burning, and
- C. A plan for removing and disposing of all clearing and grubbing materials and debris.

102.3 Construction Methods

Prior to commencement of this work, place all required Stormwater Pollution Prevention Plan (SW3P) / erosion control and tree protection measures. Locate and protect existing utilities as indicated on the plans.

Protect designated features on the site and prune trees and shrubs as directed. Do not operate equipment, park equipment, service equipment, store materials, or disturb the root area under the branches of trees designated for preservation unless otherwise allowed by the Engineer or City Forestry Manager. Carefully trim trees and shrubs, which are scheduled for preservation, as directed. Protect trees from scarring, debarking or other injuries during construction operations in accordance with Item No. RR 610, "Preservation of Trees and Other Vegetation." Treat all exposed cuts, exposed ends of pruned limbs or scarred bark in accordance with the current Tree Technical Manual: Standards and Specifications approved by the City Council. Clear all areas shown on drawings of trees, stumps, brush, etc., as defined in Section 102.1, except those landscape features that are scheduled to be preserved.

Remove objectionable material not designated for preservation to 3 ft. below natural ground in areas receiving embankment. Remove objectionable material to 3 ft. below the excavation level in areas to be excavated. Remove objectionable material to 1 ft. below natural ground in all other areas. Cut trees and stumps off to ground level when allowed by the plans or directed. Plug the remaining ends of abandoned underground structures. Plug ends of structures over 3 in. in diameter in accordance with Item RR 101, "Preparing Right of Way". Backfill, compact and restore areas where obstructions have been removed unless otherwise directed. Use approved material, proof-rolled and density controlled, for backfilling in accordance with Item 132 "Embankment". Dispose of wells in accordance with Item 103, "Disposal of Wells."

Accept ownership, unless otherwise directed, and dispose of removed materials and debris at a permitted disposal site in accordance with local state and federal requirements. Blasting is not allowed. Burning is not allowed unless otherwise

approved. If approved, obtain a burning permit from the City of Round Rock Fire Marshal’s office. Pile and burn brush at approved locations as directed.

102.4 Measurement

When included in the contract as a pay item, “Clearing and Grubbing” will be measured by the acre, by each tree removed, or lump sum, regardless of the width of the right of way.

102.5 Payment

Payment for this Item will be considered subsidiary to Item No. 110, "Excavation", and Item No. 132, “Embankment” unless included as a separate pay item in the contract. When included as a pay item, it will be paid for at the unit price bid for "Clearing and Grubbing". This price is full compensation for pruning of trees and shrubs; removal and disposal of objectionable material; backfilling of holes; and equipment, labor, tools, and incidentals.

When included as a pay item, payment will be made under one of the following:

Clearing and Grubbing	Per Acre.
Clearing and Grubbing, Tree <i>(of diameter specified)</i>	Per Each
Clearing and Grubbing	Per Lump Sum.

End

<u>SPECIFIC</u> CROSS REFERENCE MATERIALS
Specification Item RR 102, “CLEARING AND GRUBBING”

City of Round Rock Standard Specifications

<u>Designation</u>	<u>Description</u>
Item No. RR 610	Preservation of Trees and Other Vegetation

Texas Department of Transportation: Current edition of Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges

<u>Designation</u>	<u>Description</u>
Item No. 110	Excavation
Item No. 132	Embankment

Standard Specifications Manual Change Control Record

SERIES 100 – EARTHWORK

CoRR Item	Title	Revision	Status	TxDOT Item	Title
RR101	Preparing Right of Way	5/21/2018	Revised	None	-
RR102	Clearing and Grubbing	5/21/2018	Revised	None	-
104	Removing Portland Cement Concrete	5/21/2018	Replaced	Item 104	Removing Concrete
110	Street Excavation	5/21/2018	Replaced	Item 110	Excavation
111	Excavation	5/21/2018	Replaced	Item 110	Excavation
120	Channel Excavation	5/21/2018	Replaced	Item 110	Excavation
130	Borrow	5/21/2018	Replaced	Item 132	Embankment
132	Embankment	5/21/2018	Replaced	Item 132	Embankment