



LLOYDMINSTER

ALL FIELDS ARE REQUIRED TO BE FILLED OUT

City of Lloydminster
PLANNING & DEVELOPMENT
EXCAVATION PERMIT
Phone (780) 874-3700 Fax (780) 871-8347
permits@lloydminster.ca

DEVELOPMENT/DEMOLITION PERMIT / UTILITY LINE APPROVAL #: _____

LOCATION: _____

TYPE OF INSTALLATION (**ATTACH** DRAWING): _____

AREA(S) OF REPAIR: Roadway Sidewalk Gravel Alley
 Curb & Gutter Boulevard Paved Alley
 Median Trail Other: _____

COMMENCEMENT DATE: _____ COMPLETION DATE: _____

By signing below, the Applicant agrees to be bound by the Conditions that accompany this Excavation Permit. A **NOTICE TO STOP WORK** will be issued by the Planning & Development Department for failure to comply with these Conditions.

Applicant Name: _____ Field Representative: _____

Company: _____ Cell Number: _____

Address: _____ Office Number: _____

_____ Email: _____

APPLICANT'S SIGNATURE

APPROVED BY CITY OF LLOYDMINSTER

DATE

DATE

NOTE: This permit will be valid for eight (8) weeks following the approval date given above. In the event the work is not completed within this time, the Applicant must re-apply for an Excavation Permit.

OFFICE USE ONLY

EXCAVATION PERMIT NUMBER: _____

RESTORATION COMPLETED AND INSPECTED BY CITY OF LLOYDMINSTER

DATE SIGNATURE, NAME AND TITLE

FINAL INSPECTION BY CITY OF LLOYDMINSTER (2 YEARS FROM DATE ABOVE)

DATE SIGNATURE, NAME AND TITLE

This Excavation Permit shall be kept on site at all times

EXCAVATION PERMIT CONDITIONS

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GENERAL

Excavation Permit Applicants ("the Applicant") who, in the process of any construction activities disturb, remove, damage or destroy existing development on City property are required to restore said development to its original condition or better. All restoration must be in accordance with these Conditions and the current edition of the City of Lloydminster ("the City") Municipal Development Standards for the appropriate item of work, and to the satisfaction of the City. Where these Conditions and the Municipal Development Standards differ, the Municipal Development Standards will govern. For the purpose of these Conditions, "the Applicant" includes any employees or agents of the Applicant, and any contractors or subcontractors engaged by the Applicant. By making application for an Excavation Permit, the Applicant agrees to be bound by these Conditions.

LOCATES AND APPROVALS

It is the responsibility of the Applicant to have the appropriate locates of utility infrastructure (both Municipal and Franchise) completed, and to have all relevant Permits and/or Approvals (including Development Permits, Demolition Permits, Building Permits, Road Closure Permits, and Utility Line Approvals, as appropriate), prior to work commencing. For any work within or adjacent to the roadway that requires road/lane closures, barricades, or detours, the Applicant must also apply for a Road Closure Permit.

RESTORATION of PAVEMENT, SIDEWALKS, CURBS and GUTTERS

The Applicant will be responsible for the restoration, to its original condition, of all damaged pavement, sidewalk, curbs and gutters resulting from the construction and/or installation of appurtenances. The Applicant is responsible to review the work site(s) prior to commencing, and to notify the City of any existing damage to sidewalks, curbs, or asphalt adjacent to the work. Any damage not identified prior to the commencement of work will assumed to be the result of the actions of the Applicant. These restorations must be completed no more than four (4) weeks from the time of the excavation.

If, in the opinion of the City, the Applicant is not adequately equipped or knowledgeable to perform the required work of paving and/or constructing sidewalks, curbs and gutters, the City may request that the work be sub-contracted, at the Applicant's cost, to a qualified contractor who is acceptable to the City.

Pavement

Where construction requires excavation along or across existing pavement, the pavement must first be saw cut in straight lines parallel to the trench centreline. Shoring or trench boxes must be employed on the trench excavation to minimize the area disturbed. Where the excavation is around a manhole, the edge of the excavation must extend a minimum of one metre from the manhole barrel, to allow for adequate compaction.

Where backfill is required it must be native material placed in lifts not exceeding 150 mm in compacted thickness, and each lift must be thoroughly compacted to a minimum of 98% of Standard Proctor Density (SPD) to within 0.60 m of the bottom of the subgrade and 100% of SPD from 0.60 m to the bottom of the subgrade. In

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the event that the native material is unsuitable, the Applicant may either import suitable material, or place concrete fill with a minimum twenty-eight day compressive strength of 10 MPa to match the surrounding subgrade. Concrete fill must be consolidated using a pencil type vibrator and finished with a wooden trowel. The thickness of the granular base must match the existing structure, and must be a 20 mm crushed granular, compacted to 100% of SPD.

No paving will be permitted after September 30 of any year without written permission from the City. In the event seasonal conditions delay the restoration of the permanent driving surface, a temporary surface of cold mix must be laid down and maintained at the Applicant's expense until the permanent surface is placed. Where this is the case, the four (4) week period in which repairs must be made will be considered to have commenced on May 15 of the following year.

Curb and Gutter

Concrete curb and gutter must be replaced to match the existing structure and slopes. Granular base under concrete must be a 20 mm crushed granular material, compacted to 100% of SPD. Concrete fill must be placed adjacent to new gutters or curbs to replace pavement structure removed to accommodate the setting of forms. All loose material, mud, and water must be removed from the excavation prior to placing any concrete fill. The concrete fill must be placed to within 75 mm of the finished pavement surface and then consolidated using a pencil type vibrator and finished with a wooden trowel.

Concrete for the curb and gutter must be Type HS, and air entrained (5 to 8%) with a minimum twenty-eight day compressive strength of 32 MPa. Reinforcing steel must be installed in the concrete where the curb and gutter crosses over underground excavations. The concrete surface must be sprayed with an approved curing compound. See City of Lloydminster Municipal Standard Drawings 2-100, 2-101, and 2-102. The forms for the curb and gutter must be inspected by City staff prior to pouring concrete.

If the curb and gutter is removed on the corner of an intersection where there is no curb ramp, the Applicant must notify the City's Transportation Operations Department to request the installation of a curb ramp by the City. In this instance, the Applicant is responsible only for the cost of the replaced curb and gutter; the Transportation Operations Department will direct either compensation to the Applicant for their installation of the curb ramp, or the Applicant providing compensation for the cost of curb and gutter installed by the City.

Sidewalk

Concrete sidewalk must be replaced to match the existing structure. Granular base under concrete must be a 20 mm crushed granular material, compacted to 100% of SPD. The concrete must be Type HS, and air entrained (5 to 8%) with a minimum twenty-eight day compressive strength of 32 MPa. 10M rebar must be installed in the concrete where the sidewalk crosses over underground excavations. The concrete surface must be sprayed with an approved curing compound. See City of Lloydminster Municipal Standard Drawings 2-105, 2-106, and 2-107.

Sidewalks crossing lanes or commercial driveways must be a minimum thickness of 180 mm and must be reinforced with 10M rebar.

Sidewalks must be sloped toward the curb and gutter at a minimum crossfall of 2% and a maximum crossfall of 4%.

BOULEVARDS, GRASSED AREAS and LANDSCAPED AREAS

The Applicant is responsible to review the work site(s) prior to commencing, and to notify the City of any existing damage or poor vegetation within or adjacent to the work area. All excavations in these areas must be backfilled prior to leaving the site following completion of the work, including hydrovac holes. All restoration of these areas must be completed within four (4) weeks of the work taking place. In the event seasonal conditions do not permit restorations in these areas, the four (4) week period in which repairs must be made will be considered to have commenced on May 1 of the following year.

In the event any hydrovac hole needs to be left open at the end of the day where work will resume on a following day, it must be covered with a rigid sheet (e.g. plywood or a steel plate), and marked off at the corners with lath and flagging. Prior to leaving the site, these holes must be backfilled with compacted fill. Filled hydrovac holes, particularly if filled in the winter, must be regularly monitored for settlement, and be re-filled as needed until the surface restoration is completed.

Boulevards

Boulevard areas must be graded uniformly and sloped towards the curb and gutter with a minimum slope of 2% and a maximum slope of 4%. A minimum of 100 mm of topsoil must be placed on boulevards.

All boulevard areas must be restored with sod or seed as approved by the City, and must be applied in an approved manner. All fill material must be compacted to a minimum of 95% of Standard Proctor Density.

Grassed Areas

In those areas where natural grass existed prior to construction, the Applicant will be required to restore any grassed area damaged or destroyed during the construction.

Prior to the commencement of any construction work the existing topsoil must be removed, where possible, and stockpiled.

All fill material must be compacted to a minimum of 95% of Standard Proctor Density. Topsoil must be spread and lightly compacted to a minimum depth of 100 mm over all those areas where the grass has been damaged or destroyed. Any additional topsoil will be leveled, smoothed and then seeded to grass of a type similar to that of the previously existing grass. The Applicant must supply all seed, and must apply it at a rate of not less than 3.5 kg per 100 square metres. After the application of the seed, the seed must be incorporated into the soil with wire rakes or some other suitable means. After the seeded area has been raked, the seeded area is to be rolled with a light turf roller.

Landscaped Areas

Where the Applicant disturbs landscaped areas (such as lawns, golf courses and parks), the topsoil must be replaced to the depth that was in existence prior to commencement of the work. The Applicant must install sod in all areas where the grass has been damaged or destroyed, with a grass similar to that of the previously existing grass. The Applicant will be responsible for the restoration of all perennial plantings or landscaping features destroyed during construction.

Trees and Shrubs

Where construction necessitates the displacement of trees or shrubs, approved horticultural techniques will be applied in removal and replacement. Replacement plantings must be acceptable to the City.

INSPECTION

All construction or excavation work by an Applicant in the City is subject to inspection by the City or an authorized representative. Prior to construction, the Applicant must notify the City of any proposed construction in the City of Lloydminster. The Applicant must permit access to all work by City inspectors and must cooperate with City inspectors in the carrying out of their duties. All restoration work must be inspected and accepted by the City, and the Applicant must correct any deficiencies in the restoration work to the satisfaction of the City.

WARRANTY PERIOD

The Applicant will be responsible for the repair of all deficiencies to the restored areas within a two-year period of completion of the restoration. Deficiencies include, but are not limited to: settlement of any restored surface; cracking of asphalt or concrete; and failure or insufficient growth in landscaped areas. If a significant defect, fault or deficiency is identified which requires repair to prevent further damage or effects, the Applicant must remedy it within fifteen (15) working days. If the repair is not carried out in this time, the City may, after giving an additional fifteen (15) working days' notice, take all necessary steps to have the work done, with the costs of arranging and doing such work paid by the Applicant. The City reserves the right to immediately correct defects which, in the opinion of the City, pose a danger to public safety, with the costs of arranging and doing such work paid by the Applicant.

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SUMMARY OF CONDITIONS:

- All utility locates (both Municipal and Franchise) and required permits are the responsibility of the Applicant.
- For any work within or adjacent to the roadway that requires road/lane closures, barricades, or detours, the Applicant must also apply for a Road Closure Permit.
- The City must be notified two (2) working days prior to the commencement of the work.
- All affected residents/businesses are to be notified by the Applicant a minimum of five (5) working days prior to work commencing.
- The Applicant is responsible for the restoration to its original condition of all damages resulting from the excavation, including but not limited to: pavement, sidewalks, curb and gutter, walkways, medians, landscaping, grass, trees and plantings.
- All restoration must be in accordance with these Conditions and the City's current Municipal Development Standards for the appropriate item of work, and to the satisfaction of the City.
- In the event the Applicant does not rectify any unsatisfactory restoration work in a timely fashion, or fails to maintain a restored area, or if a deficiency or defect is deemed to be a danger to public safety, the City may carry out the work, or arrange to have the work done, and the cost of such work will be borne by the Applicant.
- The Applicant is responsible for restoration and repair of all deficiencies to settlements, pavement, concrete, or landscaping within a two-year period of construction restoration and completion.