

GENERAL NOTES

1. The Regulations and Construction Standards of the City of Hilliard, together with the current Construction and Material Specifications of the City of Columbus (COLS) and the Ohio Department of Transportation (ODOT), including all supplements thereto, shall govern all construction items that are a part of this plan unless otherwise noted.
2. The City Engineer or his authorized representative will make inspection of the work. The City Engineer will require at least 48 hours written notice before any work takes place. Failure to request the necessary inspection may result in the rejection of the work and the project.
3. It is the intention of the plans to provide and require a completed project ready for operation. Any work items omitted from the plans, which are clearly necessary for completion of the work, and its appurtenances shall be considered a part of such work, though not directly specified or called for in the plans. This includes, but is not limited to such incidental items as relocation of mailboxes, saw cutting, and removal and/or relocation of signs, sprinklers, or other miscellaneous items.
4. All items of work called for on the plans for which no specific method of payment is provided shall be performed by the Contractor with the cost to be included in the unit price bid for the various related items.
5. The Contractor or Developer shall deposit the total estimated cost for inspections, as determined by the City Engineer, with the City of Hilliard prior to the start of construction.
6. The Contractor shall provide the City of Hilliard, a Surety, acceptable to the City of Hilliard, equal to 100% of construction costs. The Surety shall guarantee the work for one year after acceptance by the City.
7. The City Engineer will not be responsible for means, methods, procedures, techniques, or sequences of construction that are not specified herein. The City Engineer will not be responsible for safety on the work site, or the failure by the contractor to perform work according to plans.
8. Approval of these plans is contingent upon all easements required for construction of the work being secured and submitted to the City of Hilliard for recording prior to commencement of work. No work, which requires an easement, will be allowed to proceed until this is done.
9. The Contractor shall perform all work in accordance with all applicable Federal, State and Local safety requirements including the Occupational Safety and Health Act of 1970. The Contractor shall exercise precaution always for the protection of persons (including employees) and property. It shall also be the sole responsibility of the Contractor to initiate, maintain and supervise all safety requirements, precaution and programs in connection with the work, including the requirements for confined spaces per 29 CFR 1910.146.
10. The Contractor/Developer shall be responsible to obtain all necessary permits.

11. The Contractor shall confine his activities to the project site, existing right-of-ways, temporary and permanent easements, and shall not enter upon other properties without written permission of the owner. If the proposed work requires entering easements upon other properties, the Contractor shall notify the owner(s) in writing no less than 72 hours in advance of the commencement of the work, and copy the City on all correspondence. Failure to notify affected property owners may subject the Contractor to the penalties associated with the violation of Hilliard City Code, Section 541.05, Criminal Trespass.
12. The Contractor shall carefully preserve benchmarks, property corners, reference points, stakes and other survey reference monuments or markers. In cases of willful or careless destruction, the Contractor shall be responsible. Resetting the markers shall be performed by an Ohio Professional Surveyor as approved by the City Engineer at the Contractor's expense.
13. Property boundaries, including property lines and road right-of-way, are shown from the best information available and are not necessarily complete or correct.
14. The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations and dimensions called for on the drawings and typical sections.
15. Any device shall not be operated at any time in such a manner that the noise created substantially exceeds the noise customarily and necessarily attendant to the reasonable and efficient performance of such equipment. Pursuant to Hilliard City Code, Section 509.08, construction activity is only permitted between the hours of 7:30 a.m. and 7:00 p.m. Any construction activity beyond these hours requires a written request to the Director of Public Service meeting the requirements of Hilliard City Code, Section 509.08(b).
16. Pavements shall be cut in neat, straight lines the full depth of the existing pavement, or as required by the City Engineer.
17. All soil subgrade shall be prepared and compacted in accordance with Item 204 to a depth of 12 inches below the subgrade surface. Subgrade shall be scarified and contain sufficient moisture to meet Item 203 compaction requirements.
18. The Contractor is not permitted to use any reclaimed materials in Item 304.
19. Non-rubber tired vehicles shall not be moved on or across public streets or highways without the written permission of the City Engineer.
20. Tracking or spilling mud, dirt, or debris upon streets, residential or commercial drives, sidewalks or bike paths is prohibited per Hilliard City Code, Section 905.12 and any such occurrence shall be cleaned up immediately by the Contractor. If the Contractor fails to remove said mud, dirt, debris, or spillage, the City of Hilliard reserves the right to remove these materials and clean affected areas, the cost of which shall be paid by the Contractor/Developer per Hilliard City Code, Section 905.13.
21. During construction the Contractor shall provide adequate drainage and proper soil erosion control measures for protection of all adjacent roads and lands, per COLS Item 207.

22. The Contractor shall restore all disturbed areas to equal or better than existed before construction. Drainage ditches or watercourses that are disturbed by construction shall be restored to the grades and cross-sections that existed before construction.
23. The Contractor shall conduct his operations so as to maintain at all times sewer, drain, and ditch flows through existing facilities to remain in place and through existing facilities to be replaced until new facilities are completed and put into service. The Contractor, to a condition satisfactory to the City Engineer, shall restore the flow of all sewers, drains, and other watercourses disturbed during the prosecution of the work.
24. Any modification of the work as shown on these drawings must have prior written approval by the Hilliard City Engineer.
25. The Contractor shall call toll free, the Ohio Utilities Protection Service (OUPS) at 1-800-362-2764 seventy-two (72) hours in advance of the anticipated start of construction, and shall notify all utility companies at least forth-eight (48) hours prior to work in the vicinity of their lines.

<u>Utility</u>	<u>Owner</u>	<u>Telephone</u>
Telephone	Ameritech 150 East Gay Street Columbus, OH 43215	(614) ____ - ____
Electric	American Electric Power 850 Tech Center Drive Gahanna, OH 43230-6605	(614) ____ - ____
Gas	Columbia Gas 920 West Goodale Blvd. Columbus, OH 43215	(614) ____ - ____
Cable Television	Time Warner Cable 1266 Dublin Road P.O. Box 2553 Columbus, OH 43216-2553	(614) ____ - ____

26. Existing utilities shown on the plan are from the best available records and field investigation and are not necessarily complete or correct. The Contractor is responsible for the investigation, location, support, protection and restoration of all existing utilities and appurtenances whether shown or not.
27. The Contractor shall expose and verify the location and elevation of any utilities within the limits of the proposed conduit path, prior to starting any excavation. In case of conflict, adjustments in location and elevation of the proposed utilities may be made if approved per General Note #24, or arrangements shall be made to move the existing utility to provide adequate clearance.
28. All water lines must be constructed with a minimum ten (10) feet horizontal and one & one-half (1.5) foot vertical separation from all sewer lines. All non-water line utilities

must be constructed with a minimum three (3) feet horizontal and one (1) foot vertical separation.

29. Existing drain tiles encountered during construction SHALL be reconnected or connected to the storm sewer system by the Contractor, as approved by the City Engineer. The cost of said work to be included in the unit price bid for the various related items.
30. All trenches within pavement, berm, and shoulder limits shall be backfilled or securely plated during non-working hours.
31. Access to all adjoining properties shall be maintained at all times. Areas with multiple drives shall have at least half of the drives open at all times. Properties with a single access will require staged construction; short-term full closure of a single access will be permitted with the property owner and/or tenant's agreement. Such full closures shall be scheduled and coordinated with the property owner/tenant.
32. At all storm sewer and sanitary sewer crossings, the trench backfill shall consist of Compacted Granular Material, COLS Item 912, between the deeper and shallower pipe. For water line crossings, see water line general note #13.
33. Compacted Granular Material, COLS Item 912 shall consist of natural, broken or crushed stone, crushed gravel, or crushed slag. Synthetic or man-made materials are unacceptable.
34. Backfill for storm sewer and sanitary sewer trenches under pavement and within the right-of-way shall be Compacted Granular Material, COLS Item 912, to the pavement subgrade. Where storm sewer and sanitary sewer trenches cross the pavement, COLS Item 912 shall extend the full width of the right-of-way, and to within 6 inches of finished grade where not under pavement. For backfill for water line trenches under pavement and within the right-of-way, see water line general note #14.
35. Backfill for storm sewer and sanitary sewer trenches parallel to the pavement and within the right-of-way, with the top of the trench 3 feet or closer to the back of curb or edge of pavement or located under a pedestrian pathway, shall be Compacted Granular Material, COLS Item 912, to within 6 inches of finished grade. Backfill for all other storm sewer and sanitary sewer trenches within the right-of-way parallel to the pavement, shall be Compacted Backfill, COLS Item 911, except that compaction shall be to a minimum 95 percent maximum dry density. Prior to construction of the streets, the City Engineer may require soil tests on the backfill. Where test results indicate that the backfill does not meet compaction requirements, the backfill shall be removed, replaced, and re-tested until meeting those requirements. For backfill for water line trenches parallel to the pavement, see water line general note #15.
36. The Contractor shall install street lights at the locations shown on the plans, including all wiring and disconnects and provide a complete operating lighting system that complies with the City of Hilliard Specifications.
37. All areas for underground electric and street lighting electric, telephone, and cable TV installations shall be brought to finished grade, as shown on the grading plan, prior to

their being installed. All fill required shall be compacted in accordance with COLS Item 203.12, Condition 1. This work shall be performed as part of this plan and the cost shall be included under Item 203.

38. All seeding shall be applied at the rate of 8 pounds (lb.) per 1,000 square feet (SF) and shall use the following seed mixture:

40% Titian Tall Fescue
40% Tarheel Tall Fescue
10% Denim Kentucky Bluegrass
10% Renaissance Perennial Rye Grass

39. Commercial-grade complete fertilizer of neutral character, consisting of fast, and slow release nitrogen, 50% derived from natural organic sources of urea-form, phosphorous, and potassium and with the following composition shall be applied:

Composition: 13% nitrogen, 26% phosphorous, and 12% potassium by weight.

Fertilizer should be applied at the rate of 6 pounds (lb.) per 1,000 square feet (SF).

40. All signs, landscaping, structures or other appurtenances disturbed or damaged during construction shall be replaced or repaired to the satisfaction of the City Engineer. The Contractor shall pay for the cost of this work.