

**SPECIAL CONDITIONS FOR CONSTRUCTION
WITHIN A TOWNSHIP HIGHWAY RIGHT-OF-WAY**

WORK NOTIFICATION

Prior to starting construction, the Highway Department, 847-634-4600, , shall be called and given the construction start date.

SPECIFICATIONS

The construction and restoration methods and procedures, materials used and construction signing and traffic control shall, when applicable, conform or meet the standards and requirements set forth in the current “Manual on Uniform Traffic Control Devices for Street and *Highways*”, “Standard Specifications for Road and Bridge Construction”, “Standard Specification for Traffic Control Items” and the “Highway Standards” manual as published or adopted by the Illinois Department of Transportation.

FIELD CHANGES FOR WATERMAIN OR SEWER LOCATION

No changes to the depth or location of the watermain or sewer as shown on these plans due to unforeseen field conditions or conflicts can be made unless prior approval has been obtained from the Highway Commissioner of Vernon Township.

ADDITIONS, EXTENSIONS OR DELETIONS FOR THE WATERMAIN OR SEWER

No additions, extensions or deletions can be made to the watermain or sewer as shown on these plans unless prior approval has been obtained from the Vernon Township Highway Department.

APPROVAL OF MATERIALS

The Vernon Township Highway Commissioner, 847-634-4600, shall be called for approval of any trench backfill, sand, gravel or other granulated materials used within the Township Highway right-of-way.

HAZARDS TO THE PUBLIC

Measures shall be taken to prevent or protect the public from hazards caused by the construction operations.

PARKING OF VEHICLES, EQUIPMENT AND STORAGE OF MATERIALS

Construction worker’s vehicles and construction equipment shall be parked in areas outside of the Township Highway right-of-way or in areas where there will be no interference with the normal use of the highway or vehicle sight distance. Construction materials shall be located at least 12 feet from a through traffic lane or outside of the Township Highway right-of-way.

MAINTAINING EXISTING TRAFFIC CONTROL DEVICES

Existing traffic control devices that are removed shall be re-erected as soon as possible. Damaged or lost traffic control signs shall be reported to the Vernon Township Highway Commissioner for replacement. Regulatory and warning traffic signs shall be kept in view of the highway traffic.

EXISTING DRAINAGE AND ACCESS

Disturbed highway drainage facilities shall be re-established at the close of each work day. Occupants of adjacent properties having access to the Township Highway shall be notified prior to being blocked and suitable arrangements made with the occupants. Adjacent property access shall be re-established as soon as possible.

HIGHWAY PAVEMENTS

Care shall be taken not to break, crack or damage the highway pavement with equipment operating on it. Also, any dirt or debris tracked onto the highway pavement shall be removed. Equipment with grogger pads, cleats or studs are not permitted to operate on the highway pavement.

If due to construction operations, the highway pavement becomes damaged or undermined, all construction work in that area shall be stopped and the highway pavement repaired as directed by the Vernon Township Highway Department. Alternate construction measures shall then be used to prevent further highway pavement damage.

EXCAVATIONS, TRENCHES AND BORE PITS

Excavated material shall, when practical, be piled on the near traffic side of the excavation, trench or bore pit.. Open excavation, trenches or bore pits remaining after working hours shall not exceed 50 feet in length and shall be properly protected (fencing covered etc.) and marked (**Type I** or **Type II** barricades). If barricades are used in series, only steady burning lights shall be used. Bore pits shall be located no closer than 10 feet to the highway pavement, back of curb or gutter, or shoulder break line, whichever is further. If casing pipes are used, the voids in the casing pipe shall be filled and/or the ends sealed so there will be no siltation into the casing pipe.

BACKFILLING

Backfilling operations shall be simultaneous with the construction operations and shall be in accordance with the "Standard Specifications for Road and Bridge Construction". Any excavation, trench, bore pit or portion thereof within a 1:1 slope of the pavement edge or back of curb shall be backfilled with Trench Backfill (sand). In addition, Trench Backfill (sand) shall be used for all access crossings and pavement areas and shall extend two feet beyond the edge of the access or pavement area. Areas between the pavement edge and shoulder break line shall be backfilled with Aggregate Base Course (gravel). Backfill of shoulder areas shall not extend above the existing ground and any settlement shall be promptly filled.

MANHOLES, VALVES, VALVE VAULTS AND APPURTENANCES

The top of the frame and lid or cover of a manhole, valve, or valve vault shall be flush and contoured to the surrounding ground. If this is not possible due to an excessive slope, the surrounding ground shall be regraded or the frame and lid or cover partially buried to provide for a gradual transition slope so the area can be safely mowed and no hazard to the public will result. The top of the frame and lid or cover that is located within the gravel shoulder shall have a bituminous apron installed around the frame or cover as directed by the Lake County Division of Transportation. Any frame and lid or cover located in a paved area shall be contoured and ¼ inch below the surface of the surrounding pavement. The top of the frame and lid or cover shall not be located within the area of 27.5 feet to 30.5 feet from the highway pavement centerline. Surface appurtenances that extend above the surrounding ground surface shall be located within 2' of the Township Highway right-of-way.

TILE LINES AND STORM SEWERS

Existing tile lines and storm sewers that are encountered during construction operations shall be replaced if broken with like size and kind of material. Tile line and storm sewer crossings of the excavation shall be bridged with rigid material such as wood or steel. The location and depth of any encountered tile lines and storm sewers shall be recorded and a copy given to the Vernon Township Highway Department.

WINTER CONSTRUCTION WORK

Snow and ice removal operations of the Vernon Township Highway Department shall have precedence over the construction operations. A 12-foot wide (minimum) clear area from the highway pavement edge shall be maintained for the roadside storage of snow and ice. No construction equipment or materials shall be stored in this 12-foot wide (minimum) clear area nor shall any piles of dirt or excavated materials be left in this area.

RESTORATION AND CLEAN-UP

The area of the Township Highway right-of-way disturbed by construction operations shall be kept to a minimum and shall be restored as promptly as weather and soil conditions permit. If restoration is not accomplished voluntarily, the Vernon Township Highway Department may set a final date for the completion of the restoration work.

Turf areas of the right-of-way disturbed by construction operations shall be compacted and regraded to an equal or better condition than existed before construction. Also an average 3-inch depth of topsoil, fertilizer, seed and mulch shall be used. Hydro seeding is also acceptable. Sod shall be used in high erosion areas. This restoration work will not be considered completed until the turf cover is established.

Gravel and paved shoulders that are damaged shall be replaced as directed by the Vernon Township Highway Department. Driveways, side roads and other accesses, which are damaged, shall be restored with similar materials and thickness. The edges of excavated paved surfaces shall be sawcut prior to repair. Culverts, storm sewer systems and other drainage facilities including ditch lines shall be cleaned of siltation and debris due to the construction operations.

Other areas of the right-of-way that have been disturbed such as curb and gutters shall be restored with similar materials. Any damaged property of Vernon Township, or of others (including utility companies) shall be repaired or replaced or the owner of the damaged property reimbursed for the costs of repairing the damaged property by the owner.

RESTORATION GUARANTEE

Any restoration work that fails within one year of completion shall be redone. Also, any settlement that occurs within one year of completion of the surface restoration work shall be filled and the surface area restored.

SOIL EROSION CONTROL PERMIT

The Soil Erosion Control Division of the Lake County Building and Zoning Department shall be contacted at 847-360-6330 about obtaining a Soil Erosion Permit.

KEEPING ROADS OPEN TO TRAFFIC

All roads shall remain open to traffic. The Contractor may close one lane because of construction only between the hours of 9:00 a.m. and 3:00 p.m. The Contractor shall maintain traffic during these restricted hours as shown on the Traffic Control Standards. Two lanes of traffic will be maintained between 3:00 p.m. and 9:00 a.m. and when no construction activities are being carried out Traffic routed around construction areas shall be over paved surfaces and not over gravel shoulders.