

GENERAL NOTES

The excavated materials from earth excavation widening, grading and shaping ditches, and excavating and grading shoulders shall be used to build up the shoulder throughout the job to conform with the typical sections and shoulder widening for terminals as shown on the plans.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for, Earth Excavation.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type I Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).

One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials.

The additional embankment required to build up the shoulder for the Traffic Barrier Terminal, as shown on the plans, shall be hauled from excess earth excavation from within the project and shall be placed prior to the installation of the terminal. The cost of this work shall be included in the contract unit price per TRAFFIC BARRIER TERMINAL, of type specified.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. Option 2 would be to install a vaulted style monument as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be 5'-0" below the ground surface.

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base. If using a CORS type network, the collection procedure shall include localizing with check shots on at least 2 different HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys.

The Contractor shall begin fence erection as soon as clearing operations permit. Before removing existing fence from an area that contains livestock, the Contractor shall erect, along the proposed right of way lines, a temporary fence or wire meeting the approval of the Engineer. The Contractor shall concentrate his permanent fencing operations at these locations and at other specific locations as directed by the Engineer. The cost of arranging work as herein specified will not be paid for as a separate item but shall be included in the contract unit price per Foot for WOVEN WIRE FENCE, CHAIN LINK FENCE. Temporary fence shall be paid for by the Foot for TEMPORARY FENCE.

Tree planting layout shall be performed by the District Landscape Architect. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Right-of-way markers will be erected per Highway Standard 666001 with the back face of the marker on the right-of-way line, unless the new right-of-way line has been surveyed and pinned, in which instance the right of way markers will be erected 12 inches inside the new right-of-way line. The method of installation shall be approved by the Engineer.

The Contractor shall carefully remove and store the cable road guard according to Section 632 of the Standard Specifications. The removed cable shall be "coiled" on a drum or coiled and banded to pallets. The removed posts shall also be banded together and banded to pallets. Both the cable and the posts will be delivered to IDOT'S West Fourth Street yard located at 2704 West 4th Street, Dixon, IL 61021. The Contractor shall coordinate with Paris Foto (815-284-5414) prior to delivery. This work shall be considered included in the contract unit price for EARTH EXCAVATION.

The DEPARTMENT shall require its contractor to indemnify and hold harmless the TOLLWAY in accordance with the indemnification provided by the TOLLWAY in Article 107.26 of the TOLLWAY'S current Supplemental Specifications. This requirement shall be included in the Special Provisions of the construction contract.

The DEPARTMENT shall require its contractor to indemnify and hold harmless Winnebago County the same as it will the DEPARTMENT in accordance with the indemnification provided for in Article 107.26 of the DEPARTMENT'S current Standard Specifications for Road and Bridge Construction.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

CITY OF LOVES PARK (WATER)
100 HEART BOULEVARD
LOVES PARK, IL 61111
815-654-5034

ROCK RIVER WATER RECLAMATION DISTRICT
P.O. BOX 7480
3333 KISHWAUKEE
ROCKFORD, IL 61126-7480
815-387-7400

NICOR GAS CO.
1844 FERRY ROAD
NAPERVILLE, IL 60563-9600
630-983-8676

VILLAGE OF MACHESNEY PARK (WATER / SEWER)
300 MACHESNEY ROAD
MACHESNEY PARK, 61115
815-877-5432

FIBER-OPTIC, TOLLWAY COMMUNICATION LINES
ILLINOIS STATE TOLL HIGHWAY ADMINISTRATION
2700 OGDEN AVENUE
DOWNERS GROVE, IL 60515
630-241-6800

COMCAST
4450 KISHWAUKEE STREET
ROCKFORD, IL 61109
815-395-8977

NORTH PARK PUBLIC WATER DISTRICT
1350 TURRET DRIVE
MACHESNEY PARK, IL 61115
815-633-5461

VERIZON
112 WEST ELM STREET
SYCAMORE, IL 60178
815-895-1515

ROCK ENERGY COOPERATIVE
15229 WILLOBROOK ROAD
SOUTH BELOIT, IL 61080
1-866-752-4550

The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Award Date + 100 days.

Tie bars for the Portland Cement Concrete Shoulders shall No. 6 bars, 30" in length, spaced every 24". Tie bars shall be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications, and in accordance with Highway Standard 483001-04.

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the Districts Project Engineer to request these files.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

Temporary Impact Attenuators will be measured as each for each attenuator supplied on the job as specified in the plans, and shall include the cost of renting/owning the attenuator for the time required on the job plus hauling to and from the project site, as well as one placement and removal from the roadway. This shall be paid for at the contract unit price per Each for IMPACT ATTENUATORS, TEMPORARY of the type specified.

Relocate Temporary Impact Attenuators will be paid for as Each and will be paid for each time the attenuator is required by staging to be picked up and moved to a different location on the project, whether it is to another location on the roadway or to a storage/staging location for the project. This shall be paid for at the contract unit price per Each for IMPACT ATTENUATORS, RELOCATE of the type specified.

This work shall be done in accordance with Section 704 of the Standard Specifications. Temporary Concrete Barrier will be measured in feet along the centerline of the barrier and shall include the cost of renting/owning the barrier for the time required on the job plus hauling to and from the project site, as well as one placement and removal from the roadway in accordance with Section 704 of the Standard Specification. This shall be paid for at the contract unit price per Foot for TEMPORARY CONCRETE BARRIER.

Relocate Temporary Concrete Barrier will be paid for in Feet along the centerline of the barrier, and will be paid for each time the barrier is required by staging to be picked up and moved to a different location on the project, whether it is to another location on the roadway or to a storage/staging location for the project. This shall be paid for at the contract unit price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

The Contractor shall secure a permit from the Illinois State Toll Highway Authority (ISTHA) prior to starting any work on the ISTHA Right-of-Way.

The Contractor shall be required to obtain a permit from the Illinois State Toll Highway Authority (ISTHA) to request a Locate of Tollway Facilities for the placement of Traffic Control Signs and to place Traffic Control on Tollway property. This work shall be included in the contract.

Prior to the implementation of the Maintenance of Traffic, a 21 day advance coordination meeting should be held between IDOT, the IDOT Construction Manager (RE), the ISTHA and the Contractor.

If an alternate traffic pattern is required within the contract, the Contractor shall submit a Maintenance of Traffic deviation plan, 21 days prior to the changes for approval by the Tollway. In addition, the Contractor is required to attend a Maintenance of Traffic meeting arranged by the Tollway Construction Manager with representatives from the Tollway to review the proposed changes in the Maintenance of Traffic two (2) days prior to the implementation of the new Maintenance of Traffic stage changes.

If the Contractor chooses to cast the CONCRETE BARRIER BASE in two pours, per Standard 637006-02, No. 6x12 vertical tie bars must be installed. The cost of the No. 6x12 tie bars will not be paid for separately, but shall be included in the in the contract unit price for CONCRETE BARRIER BASE.



USER NAME = .\USERNAME.	DESIGNED -	REVISED -
FILE NAME = #FILE#	DRAWN - BSL	REVISED -
PLOT SCALE = 50.0000' / IN.	CHECKED - PDS	REVISED -
PLOT DATE = 10/20/2011	DATE - 10-21-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: N/A SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1) R	WINNEBAGO	510	6
CONTRACT NO. 64C29				
ILLINOIS FED. AID PROJECT				