

IDOT HIGHWAY STANDARDS

000001-06	542406-01	606001-05	720006-03
001001-02	601001-04	606006-02	720016-03
001006	601101-01	606301-04	729001-01
280001-07	602301-03	630001-10	780001-03
420001-07	602306-03	630301-06	781001-03
420401-09	602401-03	631011-09	782001
420601-05	602406-05	635006-03	805001-01
424001-07	602411-03	635011-02	814001-02
424006-01	602416-03	642001-02	814006-02
424011-01	602421-03	664001-02	825001-01
424026-01	602601-02	666001-01	857001-01
424031-01	602701-02	667101-02	862001-01
442201-03	604001-03	701306-03	873001-02
482001-02	604006-04	701326-04	876001-02
482011-03	604011-04	701501-06	877001-05
542206-02	604036-02	701602-06	878001-09
542301-03	604091-02	701901-02	880006-01
542306-02	604101-01	704001-07	886001-01
542401-01		720001-01	886006-01

GENERAL NOTES

- THE STANDARDS AND REVISIONS LISTED APPLY TO THIS PROJECT.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - CITY OF WATERLOO (ELECTRIC, WATER, & SEWER)
 - HARRISONVILLE TELEPHONE COMPANY
 - CHARTER COMMUNICATIONS, INC.
 - MONROE COUNTY ELECTRIC COOP.
 - AMEREN IP
 - MCI
 - MISSISSIPPI RIVER GAS TRANSMISSION
 MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY *. NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 803.04 OF THE STANDARD SPECIFICATIONS.
- EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED UPON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATION OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY; AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.
- THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT INTERCHANGES, ENTRANCES AND SIDE STREETS WHERE WORK IS BEING CONDUCTED AS DIRECTED BY THE RESIDENT ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION. THESE SIGNS SHALL BE 48" X 48".

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT BASE COURSE	0.056	TON/SO YD/IN
HOT-MIX ASPHALT SURFACE COURSE	0.056	TON/SO YD/IN
AGGREGATE (SURFACE, BASE, & BACKFILL)	2.05	TON/CU YD

 BITUMINOUS MATERIALS:
 PRIME COAT FOR BITUMINOUS CONCRETE:
 - ON PAVEMENT 0.0002 TON/SO YD
 - ON AGGREGATE 0.002 TON/SO YD
 - ON COLD MILLED SURFACE 0.0004 TON/SO YD
 - FOG COAT ON NEW BINDER 0.00012 TON/SO YD
 AGGREGATE (PRIME COAT)
 - ON EXISTING PAVEMENT 0.002 TON/SO YD
 - ON COLD MILLED SURFACE 0.002 TON/SO YD
 - FOG COAT ON NEW BINDER 0.001 TON/SO YD
 RIP RAP 1.5 TON/CU YD
 SEEDING, CLASS 2A, 4A 200 LB/ACRE
 TEMPORARY EROSION CONTROL SEEDING 100 LB/ACRE
 NITROGEN FERTILIZER NUTRIENT 90 LB/ACRE
 PHOSPHORUS FERTILIZER NUTRIENT 90 LB/ACRE
 POTASSIUM FERTILIZER NUTRIENT 90 LB/ACRE
 MULCH 2 TON/ACRE
- CONNECTING OF NEW OR EXISTING PIPE DRAINS TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, PIPE DRAINS SHALL BE PLACED (OR CUT) FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE PIPE DRAINS OR STRUCTURES INVOLVED.
- ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED. THE ENGINEER SHALL BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.
- THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCHES WIDE, 5 INCHES HIGH AND 5/8 INCHES DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 250 FEET

BOTTOM OF NUMBERS - 6 INCHES FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:
 - 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
 - MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
 - RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - "XX+XX", WHERE X REPRESENTS THE PAVEMENT STATION

THE STAMPED STATIONS SHALL BE FILLED WITH SAND IMMEDIATELY AFTER STAMPING AND PRIOR TO ADDITIONAL ROLLING.


THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

- FOR STABILIZATION ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- IT IS THE CONTRACTOR'S OPTION TO USE THE MATERIAL TRANSFER DEVICE (MTD). THE PAY ITEM FOR THE MATERIAL TRANSFER DEVICE WILL NOT BE INCLUDED IN THIS CONTRACT. IF THE CONTRACTOR EXERCISES HIS OPTION TO USE THE MATERIAL TRANSFER DEVICE, THEN THE SPECIAL PROVISIONS SHALL GOVERN.
- ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- ARCHAEOLOGY MAY BE ONGOING. THE CONTRACTOR WILL NEED TO WORK WITH THE ENGINEER ON WHAT AREAS ARE CLEARED AND WORK AROUND ARCHAEOLOGY SITES UNTIL CLEARED.
- ALL CULVERT EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ART. 542.05 OF THE STANDARD SPECS. PRIOR TO EXTENDING ANY CULVERT, THE ENTIRE LENGTH OF THE EXISTING CULVERT SHALL BE CLEARED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE EXTENSION.
- BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, MANHOLES AND BOX CULVERTS, THE CONTRACTOR SHALL HAVE THE FIELD VERIFY THE EXACT LENGTH AND QUANTITY REQUIRED.
- THE RIGHT OF WAY MARKER SHALL BE INSTALLED SO THAT THE BACK OF THE POST IS TWELVE INCHES (12") INSIDE THE RIGHT OF WAY BOUNDARY. THE RIGHT OF WAY MARKER SHALL BE A WITNESS TO THE RIGHT OF WAY CORNER WHICH IS THE PROPERTY PIN.
- THE RIGHT OF WAY CORNER OR PROPERTY PIN IS A 5/8" IRON ROD WITH IDOT ALUMINUM CAP THAT SHALL NOT BE REMOVED, DAMAGED OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER AT THE TWELVE INCHES (12") OFFSET.
- THIS PROJECT REQUIRES THE USE OF TWO DISTINCT DETOUR ROUTES FOR THE CONSTRUCTION ACTIVITIES AT THE INTERSECTIONS OF ILLINOIS ROUTE 3 WITH BOTH ILLINOIS ROUTE 156 AND ILLINOIS AVENUE. THE CONSTRUCTION ACTIVITIES SHALL BE STAGED SUCH THAT AT NO TIME SHALL BOTH DETOUR ROUTES BE IN EFFECT.
- ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES UNLESS OTHERWISE NOTED IN THE PLANS.

PROPERTIES WITH A SINGLE ENTRANCE:
 ENTRANCE SHALL BE ACCESSIBLE THROUGH THE USE OF STAGE CONSTRUCTION OR OTHER METHODS OR AGREEMENTS.

PROPERTIES WITH MULTIPLE ENTRANCES:
 NO MORE THAN ONE ENTRANCE SHALL BE CLOSED FOR CONSTRUCTION ACTIVITIES AT ANY GIVEN TIME DURING CONSTRUCTION WITHOUT PRIOR APPROVAL OR DIRECTION FROM THE ENGINEER.

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 PLOT DRIVER : pdfplotter.exe

FILE NAME : h:\10011001_Phase II - 76817\Cad\11_Plan	USER NAME : berrishmann	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		IDOT HIGHWAY STANDARDS AND GENERAL NOTES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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