



Hanson Professional Services Inc.

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/64	41-3H8K	JEFFERSON	578	3
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FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 98963				

GENERAL NOTES

- ALL SOILS DATA COLLECTED AND PROCESSED FOR THE SOILS REPORT MADE IN CONJUNCTION WITH THE DESIGN OF THIS IMPROVEMENT IS ON FILE AT THE DISTRICT OFFICE WHERE IT IS AVAILABLE FOR THE INSPECTION OF CONTRACTORS OR PROSPECTIVE BIDDERS.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
- THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN --- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED ON THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- STRUCTURE NUMBERS ARE SHOWN IN THE PROPOSED DRAINAGE PLAN. THE DRAINAGE SCHEDULE SHOULD BE REFERENCED FOR DETAILED STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.
- EXCEPT AS NOTED IN THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED PART OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FEET ABOVE THE TOP OF THE SEWER.
- THE CONTRACTOR HAS THE OPTION TO USE SUB-BASE GRANULAR MATERIAL, TYPE B IN LIEU OF THE LIME MODIFICATION IN THE TAPERED AREAS OF THE PROJECT WHERE PROCESSING IS NOT FEASIBLE. PAYMENT SHALL BE MADE AT THE UNIT COST FOR PROCESSING LIME MODIFIED SOIL IF THIS OPTION IS CHOSEN BY THE CONTRACTOR. THE DEPTH OF THE SUB-BASE GRANULAR MATERIAL, TYPE B SHALL BE OF THE SAME DEPTH OF THE LIME MODIFICATION LAYER. NO ADDITIONAL COMPENSATION SHALL BE MADE IF THE CONTRACTOR CHOOSES THIS OPTION.
- PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE CURB AND GUTTER AND CONCRETE MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS FOR ARTICLE 420.18 OF THE STANDARD SPECIFICATIONS.
- 10 FT. TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- IT SHALL BE THE CONTACTORS RESPONSIBILITY TO VERIFY ALL EXISTING FIELD DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS
- SEE SPECIAL PROVISIONS FOR TREE REPLACEMENT REQUIREMENTS.
- CANCER CENTER BENCHMARKS ARE 0.37 FEET ABOVE BENCHMARKS IN THIS PLAN.
- THE THICKNESS OF HOT-MIX ASPHALT 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
- THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR HOT-MIX ASPHALT SURFACE REMOVAL, INDIVIDUAL LIFTS OF HOT-MIX ASPHALT BINDER AND HOT-MIX ASPHALT SURFACE, AT THE RATE OF 4 FEET IN 40 FEET.
- THE COST FOR PIPE UNDERDRAIN REMOVAL AND UNDERDRAIN HEADWALL REMOVAL SHALL BE INCLUDED IN THE PRICE OF SHOULDER REMOVAL
- THE COLOR OF THE DELINEATORS PLACED AT ANY LOCATION SHALL BE IN ACCORDANCE WITH STANDARD 635001 EXCEPT WHERE A CONFLICT EXISTS BETWEEN THE DELINEATOR AND THE PAVEMENT MARKING; THEN, THE DELINEATOR SHALL MATCH THE COLOR OF THE PAVEMENT MARKING.
- THE REMOVAL OF EXISTING DELINEATORS, POSTS, AND REFLECTORS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.

- FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
 - ALL HOT-MIX ASPHALT 2.016 TONS/CU YD
 - ALL AGGREGATE 2.05 TONS/CU YD
 - BITUMINOUS MATERIALS:
 - ON PAVEMENT 0.09 GAL/SQ YD
 - AGGREGATE (PRIME COAT) 0.0015 TONS/SQ YD
 - GROUT FOR RIPRAP 0.11 CU YD/SQ YD
 - PROCESSING LIME MODIFIED SOIL
 - LIME 6% OF WEIGHT OF EARTH
 - EARTH 110 LBS./CU. FT.
 - WATER 500 GALS./TON OF LIME (1,000 GALS./UNIT)
 - FERTILIZER NUTRIENTS :
 - NITROGEN 90 LBS./ AC.
 - PHOSPHOROUS 90 LBS./ AC.
 - POTASSIUM 90 LBS./ AC.
 - GROUND LIMESTONE 2 TON / AC.
 - MULCH 2 TON / AC.
- FORMS FOR CONCRETE CURB AND GUTTER AND CONCRETE GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- ADDITIONAL WIDTH OF GUTTER FLAG, AT LOCATIONS INDICATED ON THE PLANS, SHALL BE POURED MONOLITHICALLY WITH THE NORMAL GUTTER FLAG AND WILL NOT BE MEASURED NOR PAID FOR SEPARATELY.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT-MIX ASPHALT PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
- THE QUANTITY FOR BITUMINOUS MATERIALS PRIME COAT INCLUDED IN THE PLANS IS BASED ON AN ANTICIPATED SEQUENCE OF CONSTRUCTION, AND 4" MAXIMUM LIFTS. THE ACTUAL QUANTITY MAY VARY DEPENDENT ON THE CONTRACTOR'S SEQUENCE OF OPERATIONS.
- AFTER A LIFT OF HOT-MIX ASPHALT CONCRETE HAS BEEN PLACED ON A LANE, THAT LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150°F.
- ALL AGGREGATE SHOWN ON STANDARD 606301 SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR CONCRETE MEDIAN SURFACE, 4 INCH.
- THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 8% THE SHOULDER ON THE OUTSIDE OF THE SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY
- ANY PRODUCTION OR PLACEMENT OF HOT-MIX ASPHALT MIXTURES OCCURRING PRIOR TO THE TEST STRIP EVALUATION IS AT THE CONTRACTOR'S OWN RISK.
- THERE ARE NO WASTE SITES AVAILABLE FOR USE BY THE CONTRACTOR WITHIN THIS CONTRACT. THE SURPLUS MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- THE COST OF THE CA-16 BACKFILL MATERIAL FOR THE PROPOSED PIPE UNDERDRAINS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR THE PIPE UNDERDRAINS, 4".
- ALL UNDERDRAINS 4" (SPECIAL) WILL BE CONNECTED TO THE UNDERDRAINS 4" BY USING ELBOWS. NO ON SITE BENDS IN THE UNDERDRAIN MATERIAL TO MAKE THE TRANSITION WILL BE ALLOWED
- THE REMOVAL OF EXISTING CORRUGATED METAL PIPE CULVERTS UNDER ENTRANCES AND SIDE ROADS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND WILL NOT BE PAID FOR SEPARATELY.
- AT LEAST TEN DAYS WORKING DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
- TEMPORARY DITCH CHECKS SHALL BE INSTALLED AS SHOWN IN THE PLANS. THE FINAL QUANTITY AND LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- PERIMETER EROSION BARRIER SHALL BE PLACED AS SHOWN IN THE PLANS AND AT ADDITIONAL LOCATIONS AS MAY BE DIRECTED BY THE ENGINEER. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER.
- CABLE QUANTITIES ARE MEASURED IN PLAN VIEW.
- TRENCH BACKFILL REQUIRED FOR STORM SEWER SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.
- ALL PIPE CULVERT OR STORM SEWER EXTENSIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH METHOD II AS SPECIFIED IN ARTICLE 542.05 OF THE STANDARD SPECIFICATIONS. PRIOR TO EXTENDING ANY PIPE CULVERT OR STORM SEWER, THE ENTIRE LENGTH OF THE EXISTING PIPE CULVERT OR STORM SEWER SHALL BE CLEANED OF ALL EARTH AND DEBRIS BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. THE COST OF THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.

- THE QUANTITY OF EROSION CONTROL BLANKET SHOWN IN THE PLANS IS ONLY AN ESTIMATE. THE ACTUAL AMOUNT USED, AND LOCATION, SHALL BE DETERMINED BY THE ENGINEER.
- PROPOSED LIGHT POLE FOUNDATIONS SHALL BE FLUSH WITH EXISTING SURFACE.
- THE RESIDENT ENGINEER SHOULD COORDINATE THE PLACEMENT OF THE PERMANENT SURVEY MARKERS WITH THE DISTRICT 9 SURVEY SECTION.
- THE EXISTING 24" RCCP PIPE AT STA 707+00 SHALL BE ABANDONED. THE PIPE SHALL BE PLUGGED TO THE SATISFACTION OF THE ENGINEER. COST INCLUDED WITH INLET REMOVAL.
- USE SPECIAL CARE AT RAMP B STA 411+00. CLEARANCE BETWEEN ELLIPTICAL PIPE AND LIME STABILIZED SUBBASE IS APPROXIMATELY 3.5".
- THE AREA FOR LIME MODIFIED SOIL, 18" SHALL ONLY BE CALCULATED TO 2 FEET OUTSIDE OF THE SHOULDER, NOT THE ENTIRE WIDTH OF THE PROPOSED EMBANKMENT.

EXAMINED BY:	<i>Joe Adams</i> DISTRICT STUDIES AND PLAN ENGINEER
EXAMINED BY:	<i>James Lewis Eney</i> DISTRICT LAND ACQUISITION ENGINEER
EXAMINED BY:	<i>Carrie Nelson</i> DISTRICT PROGRAM DEVELOPMENT ENGINEER
EXAMINED BY:	<i>Norm Stammet</i> DISTRICT OPERATIONS ENGINEER
EXAMINED BY:	<i>Joseph Long</i> DISTRICT CONSTRUCTION ENGINEER
EXAMINED BY:	<i>Bruce Reuber</i> DISTRICT MATERIALS ENGINEER
EXAMINED BY:	<i>John Smith</i> DISTRICT PROJECT IMPLEMENTATION ENGINEER
EXAMINED BY:	<i>Mark Adams</i> ASSISTANT REGIONAL ENGINEER
APPROVED BY:	<i>Mark Adams</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
DATE:	March 23 2007

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES
VETERANS MEMORIAL DRIVE INTERCHANGE
SECTION (41-3)H8K
 SCALE: NO SCALE
 DATE 3-22-07
 DRAWN BY RLT
 CHECKED BY MTM