

GENERAL NOTES

- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED, OR OTHERWISE REFERENCED THEIR LOCATION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT MEAN SEA LEVEL, UNLESS OTHERWISE NOTED.
- UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATION IS NOT GUARANTEED AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT CONSTRUCTION ACTIVITIES ACCORDINGLY.
- 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. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

 VILLAGE OF HARDIN (POTABLE WATER, SANITARY AND STORM SEWER) *
 FRONTIER COMMUNICATIONS COMPANY (TELEPHONE) *
 AMEREN - CIPS (NATURAL GAS AND ELECTRIC) *
 MEDIACOM LLC CENTRAL (CABLE TV) *

 MEMBERS OF J.U.L.I.E. (800)892-0123 ARE INDICATED BY *, NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- CONFLICTS ON THE PLANS MAY OCCUR BETWEEN THE ROADWAY PLANS AND RIGHT-OF-WAY PLANS. THE RIGHT-OF-WAY PLANS SHALL TAKE PRECEDENCE IN CONFLICTS IN RIGHT-OF-WAY OR EASEMENTS. THE ROADWAY PLANS SHALL TAKE PRECEDENCE IN ITEMS FOR CONSTRUCTION.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
- ALL AREAS DISTURBED WITHIN THE CONSTRUCTION LIMITS AND DIRECTLY RELATED TO THE CONTRACT WORK SHALL BE SEED AS CLASS 1A SEEDING AS DIRECTED BY THE ENGINEER.
- IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, IT WILL BE NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE IT WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.
- THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- THE USE OF VIBRATORY ROLLERS SHALL BE PROHIBITED, UNLESS IT CAN BE DETERMINED THAT THE EXISTING/PROPOSED UTILITIES WILL NOT BE AFFECTED. THE ENGINEER WILL VERIFY, WITH THE OWNER OF SAID UTILITIES, THE DEPTH OF THE UTILITIES AND WHETHER OR NOT THEY WILL BE ADVERSELY AFFECTED. IF IT IS DETERMINED THAT THE UTILITIES WILL BE UNAFFECTED, VIBRATORY ROLLERS WILL BE USED ON THIS PROJECT.
- MANHOLES, SPECIAL AND INLETS, SPECIAL SHALL BE CONSTRUCTED WITH A PRE-CAST REINFORCED CONCRETE FLAT SLAB AS SHOWN BY STANDARD 602601.
- THE OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE. A CONCENTRIC DRAINAGE STRUCTURE WAS USED TO CALCULATE THIS DISTANCE.
- REFER TO ARTICLE 107.20 & 107.25 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER FOR RELOCATION OF ALL MAILBOXES, EXISTING STREET SIGNS, AND ALL PRIVATE AND COMMERCIAL SIGNS.

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- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB AND MEDIAN SURFACE.
- THE FOLLOWING BITUMINOUS MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

SUPERPAVE BITUMINOUS MIXTURE REQUIREMENTS			
MIXTURE USES	BINDER	SURFACE	INCIDENTAL BIT.
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX.)	15%	10%	15%
DESIGN AIR VOIDS	4.0% @ NDes = 50	4.0% @ NDes = 50	4.0% @ NDes = 50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0	IL 9.5 OR 12.5	IL 9.5 OR 12.5
FRICTION AGGREGATE	N/A	MIX "C"	MIX "C"

- ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ALL EXCAVATION ADJACENT TO THE EDGE OF THE PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
- THE TEMPORARY CONCRETE BARRIER UNIT AT EACH END SHALL BE ANCHORED TO THE PAVEMENT TO PREVENT OVERTURNING AND LATERAL DEFLECTIONS GREATER THAN THOSE OBTAINED DURING THE NCHRP 350 TESTS.
- THE APPROACH END(S) OF TEMPORARY BARRIER SHALL BE PROTECTED WITH IMPACT ATTENUATORS, TEMPORARY (FULLY RE-DIRECTIVE, NARROW), TEST LEVEL 2.
- TEMPORARY CONCRETE BARRIER SHALL BE ANCHORED TO THE PAVEMENT WHEN THE BARRIER IS LOCATED WITHIN 2 FEET OF THE TRAVELED LANE AND AT LOCATIONS WHERE A HAZARD EXISTS WITHIN 3.5 FEET OF THE BARRIER.

HIGHWAY STANDARDS

LIST OF STANDARDS (INCLUDED IN PROPOSAL)

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001	AREAS OF REINFORCEMENT REBARS
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-06	PAVEMENT JOINTS
420401-05	BRIDGE APPROACH PAVEMENT
424001-04	SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED
503001-02	CONCRETE PARAPET SLIP-FORMING OPTION
515001-02	NAME PLATE FOR BRIDGES
542301	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
542401	METAL END SECTIONS FOR PIPE CULVERTS
602301	INLET - TYPE A
602306	INLET - TYPE B
602401	MANHOLE TYPE A
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604006-02	FRAME AND GRATE TYPE 3
604036-01	GRATE TYPE 8
606001-02	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
609001-02	BRIDGE APPROACH SHOULDER PAVEMENT DRAIN
630001-05	STEEL PLATE BEAM GUARDRAIL
631011-02	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-05	TRAFFIC BARRIER TERMINAL, TYPE 6
631046-02	TRAFFIC BARRIER TERMINAL, TYPE 10
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR AND MOUNTING DETAILS
701001-01	OFF-ROAD OPERATIONS 4.5M MIN. AWAY
701006-02	OFF-ROAD OPERATIONS 4.5M TO PAVEMENT EDGE
701011-01	OFF-ROAD MOVING OPERATIONS
701301-02	LANE CLOSURE, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, SLOW MOVING OPERATIONS - DAY ONLY
701311-02	LANE CLOSURE, MOVING OPERATIONS - DAY ONLY
701321-08	LANE CLOSURE, BRIDGE REPAIR WITH BARRIER
701326-02	LANE CLOSURE, PAVEMENT WIDENING
702001-05	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
780001-01	TYPICAL PAVEMENT MARKINGS
813001-01	JUNCTION BOXES
886001	DETECTOR LOOP INSTALLATIONS
701001-02	601101

APPLICATION RATES

AGGREGATE (SURFACE, BASE, SHOULDERS)	2.05 TON / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SY (0.10 GAL/SY ON PAVMT.) 0.001425 TON/SY (0.375 GAL/SY ON AGG.)
AGGREGATE (PRIME COAT)	0.002 TON/SY (4.0 LBS / SQ YD)
BITUMINOUS CONCRETE LEVELING BINDER	112 LBS / ln / SQ YD
BITUMINOUS CONCRETE SURFACE	112 LBS / ln / SQ YD
CALCIUM CHLORIDE	3 LBS / SQ YD

COMMITMENTS

- A MEETING SHALL BE SCHEDULED TWO WEEKS PRIOR TO LANE CLOSURE FOR STAGE I WITH THE CONTRACTOR, RESIDENT ENGINEER, COUNTY SHERIFF AND POLICE CHIEF OF HARDIN. THE COUNTY SHERIFF AND POLICE CHIEF OF HARDIN CAN BE REACHED AT (618)576-2417.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**INDEX, STANDARDS,
 AND GENERAL NOTES**
 FAS ROUTE 754
 SECTION 4RS-2, 4BR
 CALHOUN COUNTY
 DRAWN BY: WJS
 DATE: AUGUST, 2005
 CHECKED BY: LLQ

PLQT DATE: 8/29/2005

FAS ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
754	4RS-2, 4BR	CALHOUN	87	2
STA. _____	TO STA. _____	EXISTING CONDITIONS: _____		
CONTRACT NO. 76269				

PLAN	DATE
NO. _____	_____
BY _____	_____
CHECKED _____	_____
DATE _____	_____

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 WJS
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