CONTRACT NO. 60B85

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED).

2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES.

3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

4. BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED AND ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

5. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING COMMERCIAL AND RESIDENTIAL AREAS.

6. BARRIER WALL MARKERS, TYPE C SHALL BE INSTALLED ON CONCRETE BARRIER WALL AND PARAPETS AT A HEIGHT OF 28 INCHES FROM THE TOP OF SHOULDER TO THE BOTTOM OF THE REFLECTOR AND SPACED AT 50 FEET CENTER-TO-CENTER ON CURVES AND 100 FEET CENTER-TO-CENTER ON TANGENTS OR AS DIRECTED BY THE TRAFFIC OPERATIONS FIELD ENGINEER.

7. SINCE THIS IS AN EXPRESSWAY FACILITY, THE CONTRACTOR MAY HAVE CREWS WORKING IN THE NORTHBOUND AND SOUTHBOUND DIRECTIONS AT THE SAME TIME.

8. ANY GUARDRAIL REMOVED AND DEEMED SALVAGEABLE BY THE RESIDENT ENGINEER SHALL BE DELIVERED BY THE CONTRACTOR TO THE NEAREST IDOT MAINTENANCE FACILITY. TEMPORARY STORAGE AND DELIVERY SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "GUARDRAIL REMOVAL".

9. IN AREAS BEYOND THE PAVEMENT MILLING AND RESURFACING LIMITS, THE CONTRACTOR SHALL REMOVE THE REFLECTIVE ELEMENT FROM ALL RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE THE REFLECTIVE ELEMENT WITH A NEW REFLECTIVE ELEMENT AT THE END OF THE PROJECT. THE COST OF REMOVAL AND REPLACEMENT OF THE REFLECTIVE ELEMENT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "REPLACEMENT REFLECTOR."

DRAINAGE NOTES

1. THE STATION AND OFFSET OF ALL DRAINAGE STRUCTURES ARE TO THE CENTER OF THE FRAME.

2. INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. INVERT ELEVATIONS FOR EXISTING PIPES SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION.

3. FOR INSTALLATION OF PROPOSED DRAINAGE STRUCTURES IN EXISTING SEWERS A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTED AT ITS EXISTING INVERT ELEVATIONS. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR THE TYPE AND KIND OF DRAINAGE STRUCTURE TO BE INSTALLED.

4. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURE SHALL INCLUDE THE SAND CUSHION, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, ADJUSTING RINGS OR CONCRETE BLOCKS WHEN REQUIRED AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL MATERIAL.

5. FOR PROPOSED STORM SEWER OR PIPE CULVERT CONNECTIONS TO EXISTING PIPES, BOX CULVERTS, OR STRUCTURES, THE CONNECTION AND REMOVAL OF CONCRETE TO MAKE NECESSARY HOLES IN THE EXISTING PIPES, EXISTING BOX CULVERTS, OR EXISTING STRUCTURES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWERS OR PIPE CULVERTS OF THE DIAMETER, TYPE, AND CLASS SPECIFIED, AND OF THE PARTICULAR KIND OF MATERIAL WHEN SPECIFIED.

6. REMOVAL OF MANHOLES, CATCH BASINS AND ANY OTHER EXISTING DRAINAGE STRUCTURES IN THE EXISTING MEDIAN DITCH OF I-55 OR ELSEWHERE ON THE I-55 EXPRESSWAY, SHALL BE REMOVED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 605 OF THE STANDARD SPECIFICATIONS AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "REMOVING MANHOLES", REGARDLESS OF SHAPE, DEPTH OR SIZE OF THE STRUCTURE, EXCEPT FOR MEDIAN INLET BOXES AND INLET BOXES IN BRIDGE APPROACH PAVEMENT, WHICH WILL BE PAID SEPARATELY AS "MEDIAN INLET BOX REMOVAL" AND "REMOVE INLET BOX" RESPECTIVELY. REMOVAL OF EXISTING UNDERDRAINS AND HEADWALLS FOR UNDERDRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CU. YD. FOR EARTH EXCAVATION.

7. TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.

8. WHEN PIPE CULVERTS ARE TO BE GROUTED, THE COST OF GROUTING END SECTIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR "PIPE CULVERTS TO BE GROUTED", UNLESS OTHERWISE SPECIFIED ON THE PLANS.

9. WHEN A PIPE LATERAL IS REMOVED FROM AN EXISTING STORM SEWER, THE COST OF PATCHING THE EXISTING STORM SEWER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "PIPE CULVERT REMOVAL".

10. THE REMOVAL OF END SECTIONS ON PIPE CULVERTS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 501 OF THE STANDARD SPECIFICATIONS AND WILL BE MEASURED IN PLACE ALONG THE FLOWLINE OF THE CULVERT END SECTION IN FEET AND PAID FOR AS "PIPE CULVERT REMOVAL."

LIST OF DISTRICT ONE DETAILS *(INCLUDED AS PLAN SHEETS 99-106)*

STD. NO.	DESCRIPTION
BD37	MANHOLE TYPE A, 7 FOOT DIAMETER
BD51	BENCHING DETAIL FOR EMBANKMENT WIDENING
TC09	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE LANE OR MULTILANE WEAVE
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC12	MULTI-LANE FREEWAY PAVEMENT MARKING
TC17	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

LIST OF STATE STANDARDS

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-02	TEMPORARY EROSION CONTROL SYSTEMS
420001-06	PAVEMENT JOINTS
420401-05	BRIDGE APPROACH PAVEMENT
421001-01	BAR REINFORCEMENT FOR CRC PAVEMENT
421206-04	10.8 M (36') CRC PAVEMENT
442201-01	CLASS C AND D PATCHES
483001-02	PCC SHOULDER
515001-02	NAME PLATE FOR BRIDGES
542101	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 375 MM (15") THRU 900 MM (36") DIAMETER AT RIGHT ANGLES WITH ROADWAY
542106	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 1050 mm (42") THRU 1500 mm (60") DIA. AT RIGHT ANGLES WITH ROADWAY
542301	PRECAST REINFORCED CONCRETE FLARED END SECTION
545526	INLET BOX TYPE F 600mm (24")
601001	SUB-SURFACE DRAINS
601101	CONCRETE HEADWALL FOR PIPE DRAIN
602001	CATCH BASIN, TYPE A
602401-01	MANHOLE, TYPE A
602406-02	MANHOLE, TYPE A 72" DIAMETER
602601	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-02	FRAME AND LIDS TYPE 1
604036-01	GRATE TYPE 8
606401	PAVED DITCH
609006-02	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-06	STEEL PLATE BEAM GUARDRAIL
630201-03	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-03	SHOULDER WIDENING FOR TYPE I GUARDRAIL TERMINALS
631011-02	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-02	TRAFFIC BARRIER TERMINAL, TYPE 5-5A
631031-05	TRAFFIC BARRIER TERMINAL, TYPE 6
635001	DELINEATORS
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
637006	CONCRETE BARRIER, DOUBLE FACE, 1065mm (42 IN.)HEIGHT
642001	SHOULDER RUMBLE STRIP
701101-01	OFF-ROAD OPERATIONS, MULTILANE LESS THAN 4.5M AWAY FOR SPEEDS > OR = 45 MPH
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5M (15') AWAY
701201-02	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-03	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS > OR = 45 MPH
701446	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
702001-06	TRAFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER

REVISIONS	
NAME	DATE

Rev.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (OVER CSX RR AND SUNNYLAND DRAIN)
BRIDGE WIDENING

INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES

SCALE: N.T.S. DRAWN BY AG
DATE 07/21/06 CHECKED BY DDH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = $DATE$
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = $USER$

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