### INDEX OF SHEETS

1	TITLE SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-6	SCHEDULE OF QUANTITIES
7	ALIGNMENT, TIES & BENCHMARKS
8-9	PLAN AND PROFILES
10	SUGGESTED STAGE CONSTRUCTION AND TRAFFIC CONTI
11-12	EROSION AND SEDIMENT CONTROL
13-17	RIGHT-OF-WAY PLATS
18-39	STRUCTURAL SHEETS
40-41	PROJECT SPECIFIC DETAILS
42-52	CROSS SECTIONS
53-65	DISTRICT STANDARDS
	HIGHWAY STANDARDS

#### IDOT HIGHWAY STANDARDS

280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420401-08	BRIDGE APPROACH PAVEMET CONNECTOR
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATES FOR BRIDGES
542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS.
	15" THRU 36" DIAMETER SKEWED WITH ROADWAY
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031- <b>08</b>	TRAFIC BARRIER TERMINAL, TYPE 6
667101-01	PERMANENT SURVEY MARKERS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W 15' TO 24" FROM PAVEMENT EDGE
701321-10	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MI
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATION OF TYPES A & B METAL POSTS
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

# DISTRICT STANDARDS

TYPICAL APPLICATION OF SILT FILTER FENCE

SLOPE STEPS DETAIL

280001-D4

281001-D4	RIPRAP DITCH FOR EROSION PROTECTION
406101-D4	BUTT JOINTS
540001-D4	COLLAR FOR BOX CULVERT EXTENSIONS
542016-D4	PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)
630101-D4	GUARDRAIL EROSION CONTROL TREATMENT
635101-D4	GUARDRAIL & BARRIER WALL DELINEATION
667101-D4	PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY. 1 & TY. 2

### COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENTS WAS MADE.

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

#### UTILITIES - LOCATIONS / INFORMATION ON PLANS

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. ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

# PLAN ELEVATIONS - U. S. G. S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN REFER TO U. S. G. S. DATUM AT MEAN SEA LEVEL UNLESS OTHERWISE NOTED.

### PROPERTY OWNER ACCESS REQUIREMENTS

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

#### CLEARING

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY GRADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EXCAVATION PAY ITEMS IN THE PLANS. PAYMENT FOR RESEEDING OR RESODDING WILL BE AS PROVIDED IN THE PLANS.

### TREE REMOVAL

THE DISTRICT FOUR TREE COMMITTEE SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

### ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REOUIRED ENVIRONMENTAL RESOURCE REOUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- . A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- . SIGNED PROPERTY OWNER AGREEMENT FORM D4 PIO1 00
- . COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- . BORROW AREA ENTRY AGREEMENT FORM D4 PIG101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

# AGGREGATE (SHOULDERS), TYPE B

AGGREGATE (SHOULDERS), TYPE B SHALL BE REQUIRED FOR ALL GRANULAR CONSTRUCTION OF SIDE ROADS, ENTRANCES, AND MAILBOX TURNOUTS, WHETHER OR NOT PORTIONS OF THE SURFACES THUS CONSTRUCTED ARE TO BE COVERED WITH A BITUMINOUS SURFACE, EXCEPT WHERE NOTED DIFFERENTLY ON THE PLANS.

# PAVEMENT STATION NUMBERS AND PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBER SHALL BE APPROXIMATELY 3/4" WIDE, 5" HIGH, AND 5/8" DEEP. THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVALS - 100 FEET
LOCATIONS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS.
POSITION - STATIONS SHALL BE PLACED OS THEY CAN BE READ FROM THE ADJACENT SHOULDER.
FORMAT - XXX+XX

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.

#### HOT-MIX\_ASPHALT\_MIXTURE\_REQUIREMENTS

	HMA SURFACE COURSE,	HMA BINDER COURSE.
Mixture Use(s):	MIX "D", N50	IL 19, N50
RAP % (Max)••:	PG 64-22	PG 64-22
AC/PC:	15%	25%
Design Air Voids:	4.0% • NDES = 50	4.0% @ NDES = 50
Mixture Composition:		
(Gradation Mixture)	IL 9.5, IL 12.5	IL 19
Friction Aggregate	MIXTURE D	N/A

### HOT-MIX ASPHALT MIXTURE REQUIREMENTS (CONTINUED)

	HMA SHOULDER	HMA SHOULDER
Mixture Use(s):	(LOWER LIFT)	(SURFACE LIFT)
RAP % (Max)**:	PG 64-22	PG 64-22
AC/PC:	25%	15%
Design Air Voids:	4.0% e NDES = 50	3.0% e NDES = 50
Mixture Composition:		
(Gradation Mixture)	IL 19	IL 19 OR 12.5
Friction Aggregate	N/A	MIXTURE "C"

### PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LAMES, ETC. WILL BE ALLOWED.

### ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS. STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

# EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS PROVIDED.

### TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

THREE METER (3M) (10 FT.) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

## ENGINEERS FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (I) AND 670.04 (E): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

### SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

ALL WOOD POST LOCATIONS SHALL BE VERIFIED WITH THE BUREAU OF OPERATIONS, TRAFFIC SECTION, BEFORE INSTALLATION.

# PROJECT SPECIFIC

- 1. 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 MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY HIS/HER OPERATIONS.
- 2. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- 3. BARRICADES: ALL UNBALLASTED TYPE I AND TYPE II BARRICADES SHALL HAVE A MINIMUM OF TWO (2) SANDBAGS ON THE BOTTOM RAIL. A TYPE III BARRICADE SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS

	1170 SOUTH HOUBOLT ROAD	USER NAME = ryend	DESIGNED	VLF	REVISED	-	
33	JOLIET. ILLINOIS 60431		DRAWN	VLF	REVISED	-	
STRAND	(815) 744-4200	PLOT SCALE = 40.0000 '/ IN.	CHECKED	AJS	REVISED	-	
ASSOCIATES, INC		PLOT DATE = 7/9/2010	DATE	3/31/10	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

							F.A.P. RTE.	SECTION	COUNTY	SHEETS	NO.
GENERAL NOTES/COMMITMENTS						693	(119 BR-2)BR	TAZEWELL	65	2	
	·								CONTRACT	NO. 6	8660
	SCALE: AS SHOWN	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. RO	DAD DIST. NO.   ILLINOIS FED. A	ID PROJECT		