

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS & GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	EXISTING TYPICAL SECTIONS
6-9	PROPOSED TYPICAL SECTIONS
10-12	SCHEDULE OF QUANTITIES
13-19	HORIZONTAL ALIGNMENT & LOCAL TIES
20-23	REMOVAL ITEMS
24-27	PLAN & PROFILE SHEETS - FAP ROUTE 310
28-39	PLAN & PROFILE SHEETS - WENZEL ROAD
40	PLAN & PROFILE SHEET - SERVICE DRIVE #1
41	PLAN & PROFILE SHEET - PRIVATE DRIVE
42	PLAN & PROFILE SHEET - RELOCATED WATT LANE
43	PLAN & PROFILE SHEET - CABIN CLUB ROAD
44	STAGING AND TRAFFIC CONTROL - ITEMS OF WORK
45	STAGING AND TRAFFIC CONTROL - DETOUR PLAN
46-51	STAGING AND TRAFFIC CONTROL
52-58	STORM WATER POLLUTION PREVENTION PLAN
59-70	PLAT OF HIGHWAYS
71-74	GRADING PLAN
75	SUPERELEVATION RATE CHART
76-95	BRIDGE PLAN
96-98	CULVERT PLAN
99	MAILBOX TURNOUT DETAILS
100	ENTRANCE DETAILS
101	BRIDGE APPROACH PAVEMENT (SPECIAL)
102-117	CROSS SECTIONS - FAP ROUTE 310
118-167	CROSS SECTIONS - WENZEL ROAD
168-172	CROSS SECTIONS - SERVICE DRIVE #1
173-178	CROSS SECTIONS - PRIVATE DRIVE
179-182	CROSS SECTIONS - RELOCATED WATT LANE
183-185	CROSS SECTIONS - CABIN CLUB ROAD

IDOT HIGHWAY STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-01	AREAS OF REINFORCEMENT REBARS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420401-06	BRIDGE APPROACH PAVEMENT
515001-02	NAME PLATE FOR BRIDGES
542001-01	REINFORCED CONCRETE END SECTIONS WITH PARALLEL WINGWALLS FOR PIPE CULVERTS 300mm THRU 1200mm DIAMETER AT RIGHT ANGLES WITH ROADWAY
542101-01	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 375mm THRU 900mm DIAMETER AT RIGHT ANGLES WITH ROADWAY
542201-01	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS, 375mm THRU 900mm DIAMETER SKEWED WITH ROADWAY
542401	METAL END SECTION FOR PIPE CULVERTS
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
609006-03	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-07	STEEL PLATE BEAM GUARDRAIL
630301-04	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-06	TRAFFIC BARRIER TERMINAL TYPE 6
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
666001	RIGHT OF WAY MARKERS
667101	PERMANENT SURVEY MARKERS
701306-01	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS > 45 MPH
701311-02	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701901	TRAFFIC CONTROL DEVICES
720001	SIGN PANEL MOUNTING DETAILS
720006-01	SIGN PANEL ERECTION DETAILS
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
B.L.R. 18-4	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE
B.L.R. 21-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
B.L.R. 22-5	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2-LANE 2-WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)
B.L.R. 24-1	MAILBOX TURNOUT FOR LOCAL ROAD

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX.)	15%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGG.	MIXTURE C	MIXTURE B

GENERAL NOTES

- ALL ELEVATIONS REFER TO USGS MEAN SEA LEVEL DATUM.
 - AN ESTIMATED QUANTITY OF 50 M TONS OF AGGREGATE SURFACE COURSE, TYPE B HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.
 - AN ESTIMATED QUANTITY OF 50 CU M OF "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL" HAS BEEN INCLUDED IN THIS CONTRACT.
 - AN ESTIMATED QUANTITY OF 750 KG OF "TEMPORARY EROSION CONTROL SEEDING" HAS BEEN INCLUDED IN THIS CONTRACT.
 - AN ESTIMATED QUANTITY OF 10 CU M OF "CHANNEL EXCAVATION" HAS BEEN INCLUDED IN THIS CONTRACT.
 - "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE CONSIDERED TO BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE IN COLOR.
 - ALL EXCAVATED AREAS DUE TO WIDENING OPERATIONS SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
 - FLAGMAN, WHERE REQUIRED AS SHOWN IN PLANS, SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
 - 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 CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET AND EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.
 - THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
 - THE CONTRACTOR SHALL BE AWARE THAT HE MAY FIND ARCHEOLOGICAL EXCAVATIONS THAT HAVE NOT BEEN FILLED IN. THE CONTRACTOR SHALL DEWATER THE EXCAVATION, IF NECESSARY, AND FILL AND COMPACT THE HOLES WITH DIRT IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER. THIS WORK (INCLUDING THE DEWATERING) SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PROJECT AND NO OTHER COMPENSATION WILL BE ALLOWED.
 - IF ARCHAEOLOGICAL CLEARANCE HAS NOT BEEN OBTAINED FOR THE ENTIRE PROJECT, THE RESIDENT ENGINEER SHALL PROVIDE THE CONTRACTOR THOSE AREAS OF THE PROJECT WHICH HAVE BEEN CLEARED AND IN WHICH THE CONTRACTOR MAY WORK. THE RESIDENT ENGINEER SHALL ALSO NOTIFY THE CONTRACTOR WHEN ADDITIONAL SITES BECOME AVAILABLE.
 - 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 WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
 - ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO 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:

ABOVE GROUND *SBC *CHARTER COMMUNICATIONS *AMEREN UE(ELECTRIC)	BELOW GROUND *SBC *CHARTER COMMUNICATIONS *AMEREN UE(GAS) *FOSTERBURG WATER DISTRICT
--	---
- MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON CAREFUL FIELD INVESTIGATIONS WITH UTILITY REPRESENTATIVES, AS WELL AS APPROXIMATE DEPTHS SUPPLIED BY THE UTILITY COMPANIES, WHERE AVAILABLE. HOWEVER, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION PRIOR TO OPERATIONS.
 - ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF 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 AS INCLUDED IN THE COST OF EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
 - IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, IT WILL BE NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE IT WITH A SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.
 - THE CONTRACTOR SHALL REMOVE OR RELOCATE ALL CONFLICTING MAILBOXES, EXISTING STREET NAME SIGNS, AND ALL PRIVATE AND COMMERCIAL SIGNS IN ACCORDANCE WITH ARTICLES 107.20 & 107.25 AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PROJECT.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
 - SEEDING SHALL BE PLACED IN ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN POST SUPPORTS IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS. HOWEVER, INSTALLATION BY METHOD "A" (ART. 730.04(A)) SHALL BE THE ONLY METHOD PERMITTED.
 - THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS BITUMINOUS MATERIALS (PRIME COAT) ON PAVEMENT BITUMINOUS MATERIALS (PRIME COAT) ON AGGREGATE BITUMINOUS MATERIALS (COVER & SEAL COATS) PRIME COAT AGGREGATE COVER COAT AGGREGATE & SEAL COAT AGGREGATE HOT MIX ASPHALT BINDER COURSE AND SHOULDERS HOT MIX ASPHALT SURFACE COURSE	2.4 M Tons / Cu M 0.00041 M Tons / Sq M 0.00182 M Tons / Sq M 0.0010 M Tons / Sq M 0.002 M Tons / Sq M 0.01 M Tons / Sq M 0.00244 M Tons / Sq M / mm 0.00262 M Tons / Sq M / mm
---	--

1 METRIC TON = 1000 KG
 BITUMINOUS MATERIALS: 1 LITER = 0.00091 M TONS

Rev. 1-4-08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15HB	MADISON	185	2
STA.		TO STA.		
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 76626

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		INDEX OF SHEETS, HIGHWAY STANDARDS, COMMITMENTS & GENERAL NOTES

SCALE: NONE DRAWN BY: JH
 DATE: 04/2005 CHECKED BY: FML