

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	114B-2	GALLATIN	62	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INDEX OF SHEETS

GENERAL NOTES

SHEET NO.	DESCRIPTION	FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:
1	COVER SHEET	ALL HOT-MIX ASPHALT 2.016 TONS/CU. YD.
2	SIGNATURE SHEET	BITUMINOUS MATERIALS:
3	GENERAL NOTES, STANDARDS, INDEX OF SHEETS, COMMITMENTS, AND MIX DESIGNS	ON PAVEMENT 0.09 GAL./SQ. YD.
4 - 6	SUMMARY OF QUANTITIES	INTERMEDIATE, LIFTS (FOG COAT) 0.04 GAL./SQ. YD.
7 - 8	TYPICAL SECTIONS	ON AGGREGATE SURFACE 0.32 GAL./SQ. YD.
9	EARTHWORK AND GUARDRAIL SCHEDULES	AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.
10	PAVEMENT AND SHOULDER SCHEDULES	
11	PAVEMENT MARKING AND TREE REMOVAL SCHEDULES	ALL AGGREGATE 2.05 TONS/CU. YD.
12	SEEDING SCHEDULE AND RIGHT OF WAY SCHEDULES	RIPRAP 1.50 TONS/CU. YD.
13	PLAN AND PROFILE SHEET	
14	PLAN AND PROFILE SHEET OF TEMPORARY DETOUR RUN-AROUND	THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION FOR HOT MIX ASPHALT SURFACE COURSE.
15	RIGHT OF WAY SHEET	
16	EROSION CONTROL SHEET	ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE LEFT IN PLACE UNTIL REMOVAL IS REQUIRED TO CONSTRUCT FINAL GRADE LINES. AT WHICH TIME, THE PERMANENT EROSION CONTROL SHALL BE INSTALLED.
17	GUARDRAIL AND TERMINAL PLAN	
18	REMOVAL AND MAINLINE SHOULDER PLAN	
19 - 36	STRUCTURE PLANS	THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 100 m (300 FT.) INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140 mm (5 IN.) TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR. STATIONING FOR THIS PROJECT IS INCREASING TO THE SOUTH.
37	DETAILS: BUTT JOINTS AND SEEDING AND MULCHING ON DETOUR ROAD	
38	DETAILS: TRAFFIC CONTROL PLAN	
39	DETAILS: TYPICAL EARTHWORK STAGING	PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.
40	DETAILS: TYPICAL SHOWING STEP CONSTRUCTION ON EXISTING FILL AND RURAL SIDE APPROACH	
41 - 62	CROSS SECTIONS HIGHWAY STANDARDS	AREAS OF TEMPORARY RIPRAP SHOWN ON THE PLANS SHALL BE REMOVED FOR CONSTRUCTION OF FINAL EMBANKMENT. THE COST OF REMOVAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION. AREAS OF EXISTING AGGREGATE SHOULDERS THAT SHALL BE REMOVED FOR CONSTRUCTION OF FINAL SHOULDER SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF THE WORK. THE CONTRACTOR, HOWEVER, WILL BE PAID FOR THE ACTUAL QUANTITY FURNISHED AT THE UNIT PRICE BID FOR THE WORK. CONSTRUCTION PLANS ARE AVAILABLE FOR REVIEW AT THE DISTRICT 9 HEADQUARTERS IN CARBONDALE, ILLINOIS.

IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECK AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 101.17 REGARDLESS OF TRACK MOUNTED OR WHEELED.

THE ADVANCE DETECTOR LOOPS ARE TYPICALLY LOCATED 300 FEET IN ADVANCE OF THE STOP BAR. THE BUREAU OF OPERATIONS SHALL APPROVE THE LOOP LOCATIONS PRIOR TO INSTALLATION.

THE DETOUR ROAD WAS DESIGNED AT 45 MPH. THE ACTUAL POSTED SPEED LIMIT SHALL BE AS DIRECTED BY THE ENGINEER.

IN ADDITION TO THE TRAFFIC CONTROL ON SHEET 61, A CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON EACH TERMINAL OF THE JOB AT A LOCATION DETERMINED BY THE ENGINEER. THE COST OF THESE CHANGEABLE MESSAGE SIGNS SHALL BE PAID FOR AT THE AGREED UNIT PRICE FOR CHANGEABLE MESSAGE SIGNS, CAL MONTH. THEY SHALL BE FUNCTIONING TWO WEEKS PRIOR TO CONSTRUCTION AND ONE MONTH AFTER THE BEGINNING OF CONSTRUCTION.

COMMITMENTS

NONE AS OF JUNE 27, 2008.

REFER TO COMMITMENT

FILE FOR ANY COMMITMENTS AFTER THIS DATE.

LIST OF STANDARDS

000001-05	666001
280001-04	
	701006-02
420001-07	701201-02
420401-06	701301-02
482001-02	701306-01
	701901
515001-02	
	780001-01
601101	781001-02
630001-07	
630201-05	
630301-04	
631031-06	
635006-02	
635011-01	

THE TYPE 6A TEMPORARY TERMINAL SECTIONS SHOWN IN THE PLANS MAY BE REPLACED TO MATCH THE RAILING THAT THE CONTRACTOR CHOOSES TO USE ON THE TEMPORARY BRIDGE. NO EXTRA COMPENSATION SHALL BE ALLOWED IF THE TEMPORARY TYPE 6A TERMINALS SPECIFIED IN THE PLANS ARE CHANGED.

IT WILL BE THE CONTRACTORS RESPONSIBILITY TO REMOVE ANY DEBRIS OR DIRT CAUSED BY CONSTRUCTION ACTIVITY THAT COVERS THE NEW RIPRAP. NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THIS WORK.

PROTECTIVE COAT SHALL BE APPLIED TO THE NEW BRIDGE DECK AND APPROACH PAVEMENTS IN ACCORDANCE WITH ARTICLE 503.19 OF THE STATE STANDARD SPECIFICATIONS. THE SEASONAL EXCEPTION SHALL NOT APPLY. THE PROTECTIVE COAT SHALL BE APPLIED REGARDLESS OF THE CURING METHOD USED. THE RATE OF APPLICATION FOR EACH COAT ON CUT GROOVED AREAS SHALL BE 25 SQUARE YARDS PER GALLON OF MIXTURE.

ATTAINMENT OF PROPER ROADWAY CROSS SLOPE SHALL BE FULLY ACCOMPLISHED WITH HOT MIX ASPHALT BINDER COURSE AS DIRECTED BY THE ENGINEER.

REMOVAL OF THE ENTIRE EXISTING 12" BRIDGE APPROACH PAVEMENTS AND STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PAVEMENT REMOVAL.

AGGREGATE FOR TEMPORARY ACCESS SHALL BE USED AS DIRECTED BY THE ENGINEER FOR MAINTENANCE PURPOSES. THE GRADATION SHALL BE CA-6 OR CA-10 AS DIRECTED BY THE ENGINEER. A QUANTITY OF 35 TONS HAS BEEN ESTIMATED FOR THIS WORK.

HMA MIXTURE DESIGNS

Location(s):	Hot-Mix Asphalt Shoulders
Mixture Use(s):	Hot-Mix Asphalt Shoulders
AC/PG:	PG58-22
RAP % (Max):	50
Design Air Voids:	2.0 %, 30 Gyration Design
Mixture Composition: (Gradation Mixture)	HMA Shoulders
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Binder Course and Detour
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG:	PG64-22
RAP % (Max):	10
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0 mm
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N90
AC/PG:	PG64-22
RAP % (Max):	10
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5 mm or IL12.5 mm
Friction Aggregate:	C Surface