

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	••	ALEXANDER	65	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

- FAP 14 (US51/60/62)
- 138(N,TS-2,RS-2)

GENERAL NOTES

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL BITUMINOUS CONCRETE	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
RIPRAP	1.50 TONS/CU. YD.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER.

PROVIDE A 1/4" BY 3/4" SAWED JOINT WITH ELASTIC JOINT SEALER AT THE BRIDGE JOINT(FULL WIDTH). THIS WORK SHALL BE INCIDENTAL TO THE COST OF THE PCC PAVEMENT.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE MILLED SURFACE AND SURFACE COURSE.

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

AT ALL LOCATIONS WHERE THE PROPOSED BITUMINOUS OR CONCRETE PAVEMENT JOINS AN EXISTING BITUMINOUS OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE BITUMINOUS SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ADDITIONAL WIDTH OF GUTTER FLAG, AT LOCATIONS INDICATED ON THE PLANS, SHALL BE POURED MONOLITHICALLY WITH THE NORMAL GUTTER FLAG AND WILL NOT BE MEASURED NOR PAID FOR SEPARATELY.

ANY SAWCUTS REQUIRED AT THE EDGE OF PAVEMENT TO REMOVE THE EXISTING COMBINATION CURB AND GUTTER AT THE LOCATIONS INDICATED IN THE PLANS WILL BE INCLUDED IN THE COST OF THE COMBINATION CURB AND GUTTER REMOVAL.

CONNECTING OF NEW OR EXISTING STORM SEWER TO NEW OR EXISTING INLETS OR MANHOLES SHALL BE MADE IN A MANNER WHICH RESULTS IN A NEAT AND WATERTIGHT JOINT. WHEN PLACED THROUGH THE WALL OF AN INLET OR MANHOLE, STORM SEWER PIPE SHALL BE PLACED OR CUT FLUSH WITH THE FACE OF THE WALL AND DRESSED WITH MORTAR TO PROVIDE A SMOOTH ROUNDED OR BEVELED EDGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES OF THE STORM SEWERS OR STRUCTURES INVOLVED.

BECAUSE OF THE CHANGES IN ELEVATION OF THE PAVEMENT THE CONTRACTOR WILL NOT BE ABLE TO USE THE ADJACENT LANE AS A FORM LINE. THE LONGITUDINAL CONSTRUCTION JOINT MAY BE OFFSET AS NECESSARY TO PLACE FORMS.

A QUANTITY OF SUB-BASE GRANULAR MATERIAL, TYPE C HAS BEEN INCLUDED TO BE USED ACCORDING TO THE ENGINEER IN THE EVENT THAT UNSUITABLE SUBGRADE IS ENCOUNTERED DURING PAVEMENT REMOVAL. THE GRANULAR MATERIAL GRADATION MUST BE CA 5.

THERE ARE NO WASTE SITES AVAILABLE TO THE CONTRACTOR FOR THIS PROJECT.

SIGNALS:

THE CONTRACTOR SHALL NOTIFY THE IDOT ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

COMMITMENTS:

NONE

INDEX OF SHEETS

SHT. NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, STANDARDS
3-4	SUMMARY OF QUANTITIES
5-12	TYPICAL SECTIONS
13	SCHEDULES: REMOVAL / DETOUR SIGNING / REMOVAL
14	SCHEDULES: PAVEMENT MARKING / EARTHWORK / SEEDING AND EROSION CONTROL
15	SCHEDULES: DRAINAGE / GUARDRAIL
16-17	PLAN-PROFILE SHEETS
18	REMOVAL SHEET
19	PAVEMENT ELEVATIONS
20	GEOMETRICS SHEET
21	TIE POINTS
22	PAVEMENT MARKING DETAIL SHEET
23	GUARDRAIL DETAIL SHEET
24-33	STAGING PLAN
34-35	DETOUR ROUTE
36	DETAILS: UNEVEN LANES, ROUGH GROOVED SURFACE MEDIAN REMOVAL AND REPLACEMENT(SPECIAL), CAST IRON FRAME AND LID DETAILS: INLET SPECIAL, TYPE 3- 5 AND 6 FEET, SEEDING AND MULCHING, DOWEL BAR DETAIL
37	CROSS SECTIONS: US 51
38-43	CROSS SECTIONS: US 60/62
44-50	CROSS SECTIONS: US 51/60/62
51-58	CROSS SECTIONS: NORTHWEST QUADRANT
59-62	CROSS SECTIONS: NORTHWEST QUADRANT
63-65	CROSS SECTIONS: NORTHEAST QUADRANT

STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-01	REINFORCEMENT BARS AREAS WEIGHTS AND SPACING
001006	DECIMAL OF AN INCH AND OF A FOOT
602401-01	MANHOLE TYPE A
602601-01	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
606001-03	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606301-03	PC CONCRETE ISLANDS AND MEDIANS
701001-01	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-02	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-01	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-01	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701311-02	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION
780001-01	TYPICAL PAVEMENT MARKINGS
857001	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS
701701-05	

Prepared By: Joe Zdaniewicz
DISTRICT STUDIES & PLANS ENGINEER

Examined By: J. H. E.
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carrie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kevin Grammer
DISTRICT OPERATIONS ENGINEER

Examined By: Joseph Lemaitre
DISTRICT CONSTRUCTION ENGINEER

Examined By: Bruce W. Tucker
DISTRICT MATERIALS ENGINEER

Examined By: Jim Swisher
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Danny L. Clanton
ASSISTANT REGIONAL ENGINEER

Approved By: May Kamin
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE: Jan 17 20 08

1/22/2008
c:\p\projects\98943\98943.dgn
50.0000
naascb