

CONTRACT NO. 68430				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	(108-B-1) BR	STARK	43	2
STA. 46+00		TO STA. 63+50		
FED. ROAD DIST. NO.	ILLINOIS	IL 91		

GENERAL NOTES

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 INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN--ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES BY FIELD INSPECTION.

<u>ELECTRIC</u>	<u>TELEPHONE</u>
CILCO (CENTRAL ILLINOIS LIGHT CO.) 8420 N. UNIVERSITY ST. PEORIA, IL 61614 (309) 693-4711	VERIZON 112 W. ELM SYCAMORE, IL 60178 (815) 895-1515

<u>ELECTRIC</u>	<u>CABLE</u>
ILLINOIS POWER COMPANY 370 S. MAIN DECATUR, IL 62525 (800) 892-7715	MEDIACOM 609 S. FOURTH ST. CHILLICOTHE, IL 61523 (800) 874-2924

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.

PROPERTY OWNER ACCESS REQUIREMENT

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.

LABORATORY TESTING OF SUPERPAVE MIXES

SOME AGGREGATE COMPOSITIONS PRODUCE INCONSISTENT RESULTS WHEN BURNED IN THE IGNITION OVEN. THE ENGINEER WILL DETERMINE WHETHER THE IGNITION OVEN OR AC NUCLEAR GAUGE WILL BE REQUIRED AFTER THE AGGREGATE SOURCES HAVE BEEN IDENTIFIED.

PAVEMENT STATION NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACES OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 20 MM (3/4 INCH) WIDE, 125 MM (5 INCHES) HIGH AND 15 MM (5/8 INCH) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

- INTERVAL - 100 METERS (200 FEET)
- BOTTOM OF NUMBERS - 150 MM (6 INCHES) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING.
- LOCATION: 2, 3, & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER
- FORMAT - METRIC (ENGLISH) PAVEMENT STATIONS SHALL USE THIS FORMAT "XX+X00" ("XXX"), WHERE X REPRESENTS THE PAVEMENT STATION

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.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE BITUMINOUS SURFACE. NO INTERRUPTION FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

MIXTURE REQUIREMENTS

THE FOLLOWING BITUMINOUS MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT LOCATION FAS 1379 (IL 91).

20 YR. ESAL'S:

MIXTURE USE	SURFACE COURSE	BIT CONC BINDER COURSE	BIT CONC BASE COURSE WID.	BITUMINOUS SHOULDER		LEVELING BINDER
				TOP LIFT	BOTTOM LIFT	
APPLICATION						
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP%(MAX)	15%	25%	25%	30%	30%	25%
DESIGN AIR VOIDS	4.2%@Ndes=50	4.2%@Ndes=50	4.2%@Ndes=50	3.0%@Ndes=30	4.0%@Ndes=30	4.2%@Ndes=50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5 OR IL-12.5	IL-19.0	IL-19.0	IL 9.5L	IL 19.0L	IL 19.5 ONLY
FRICTION AGG	MIXTURE C	N/A	N/A	MIX C	N/A	N/A

GENERAL NOTES CONTINUED

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 REQUIRED ENVIRONMENTAL RESOURCE REQUEST 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 SITE.

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
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA

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

TREE REMOVAL-UTILITY RELOCATION

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL OR INCOMPLETE UTILITY RELOCATIONS.

TREE REMOVAL

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

ENGINEERS FIELD OFFICE

ENGINEERS FIELD OFFICE REQUIREMENTS SHOULD BE AS NOTED IN STANDARD SPECIFICATIONS, HOWEVER THE FOLLOWING SENTENCE SHOULD BE ADDED TO THE END OF PARAGRAPH 670.2 (I) AND 670.04 (e): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

PROJECT SPECIFIC NOTES

ACTUAL DEPTH OF BOX CULVERT UNDERCUT SHALL BE DETERMINED BY DISTRICT GEOTECHNICAL ENGINEER WITH A DYNAMIC CONE PENETROMETER

REMOVAL OF OIL AND CHIP SURFACES SHALL BE INCLUDED IN THE QUANTITY FOR EARTH EXCAVATION.

THE PROPOSED BOX CULVERTS ARE TO BE CONSTRUCTED ONE A TIME IN ORDER TO KEEP TR 47 OPEN TO TRAFFIC AT ALL TIMES.

THE FOLLOWING APPLICATION RATES HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

ROCK FILL	2	TONS/CY
BITUMINOUS CONCRETE SURFACE COURSE	112	LBS/SY/IN
LEVEL BINDER (MACHINE METHOD)	112	LBS/SY/IN
BITUMINOUS CONCRETE BINDER COURSE	112	LBS/SY/IN
NITROGEN FERTILIZER NUTRIENTS	90	LBS/ACRE
PHOSPHOROUS FERTILIZER NUTRIENTS	90	LBS/ACRE
POTASSIUM FERTILIZER NUTRIENTS	90	LBS/ACRE
TEMPORARY EROSION CONTROL SEEDING	100	LBS/ACRE
RIPRAP	1.5	TON/CY

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, PROJECT SPECIFIC NOTES, INDEX OF SHEETS
3	COMMITMENTS, CONTACTS FOR CLOSURE, DETOUR PLAN
4-5	SUMMARY OF QUANTITIES
6	TYPICAL SECTIONS
7	SCHEDULES OF QUANTITIES
8	REFERENCE, TIES AND BENCHMARKS
9-10	PLAN AND PROFILE SHEETS
11-12	EROSION CONTROL PLAN
13-14	RIGHT OF WAY PLAN
15-17	JACK CREEK STRUCTURAL PLANS
18	BORING LOGS (JACK CREEK)
19-20	JACK CREEK TRIBUTARY STRUCTURAL PLANS
21	DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS
22	PERMANENT SURVEY MARKERS DETAIL
23	SLOPE STEPS DETAIL
24	RIPRAP DITCH FOR EROSION PROTECTION
25-26	BUTT JOINTS
27	RURAL SIDEROADS FOR "3R" PROJECTS
28-29	TYPICAL PAVEMENT MARKINGS
30-43	CROSS SECTIONS

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES,
PROJECT SPECIFIC NOTES,
INDEX OF SHEETS,**

REVISIONS	
NAME	DATE

SCALE: NO SCALE
DATE: 02-19-02

DRAWN BY: UJ
CHECKED BY: M.A.R.