

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		POPE	60	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
IDNR PROJECT NO. 05-06-008				

LAYOUT COORDINATE SCHEDULE			
POINT	NORTHING	EASTING	DESCRIPTION/ REMARKS
521	261059.211	886847.379	IRON ROD
9621	261277.320	886784.838	PK NAIL
502	261021.943	887056.827	PK NAIL
503	261132.398	887205.127	PK NAIL
504	260851.928	887301.735	IRON ROD
505	260636.382	887484.659	IRON ROD
506	261338.382	886712.341	IRON ROD W/CAP
507	261518.904	886812.954	NO. 60"D" NAIL
508	261722.823	886274.368	IRON ROD W/CAP
509	261504.097	886268.914	IRON ROD
511	262312.364	886687.651	PK NAIL
512	262688.994	886908.783	PK NAIL
513	262522.654	886939.071	PK NAIL
514	262749.417	887741.482	IRON ROD W/CAP
515	262990.967	887862.674	PK NAIL
517	261770.483	887677.420	NO. 60 "D" NAIL
518	261712.582	887374.395	NO. 60 "D" NAIL
519	261798.831	887385.354	NO. 60 "D" NAIL
550	260177.797	890516.262	IRON ROD
551	260249.000	890525.129	IRON ROD
552	259795.615	890461.399	IRON ROD

BENCHMARK LOCATIONS		
NUMBER	DESCRIPTION	ELEVATION
10	CHISLED "□" CUT IN CENTER OF NORTH HEADWALL OF X-ROAD BOX CULVERT IN NW QUADRANT OF STATE PARK ENTRANCE & IL RTE 146	511.59
13	CHISLED "□" CUT IN NE END OF NORTH HUB GUARD OF BRIDGE NO. 1	457.12
17	CHISLED "□" CUT IN NE CORNER OF TOP FOOT BRIDGE WALL AT SW CORNER OF POOL	439.13
18	CHISLED "□" CUT IN NE CORNER OF CONCRETE DRINKING FOUNTAIN PAD NEAR THE RESTROOMS, NORTH OF POOL	438.99
21	RAILROAD SPIKE IN POWER POLE, 250 FOOT ± SOUTH OF BRIDGE NO. 4 ON EAST SIDE OF ROADWAY	497.15
22	CHISLED "□" CUT IN NW CORNER OF CONCRETE DECK OF BRIDGE NO. 4	465.89

APPLICATION RATES	
GRANULAR MATERIALS	2.05 TONS/CY
BITUMINOUS MATERIAL (PRIME COAT)	04. GAL/SQ YD ON AGGREGATE (MC-30)
BITUMINOUS MATERIAL (PRIME COAT)	0.1 GAL/SQ YD ON HARD SURFACE (RC-70)
HOT-MIX ASPHALT	112*/IN/SQ YD
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHERUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
MULCH METHOD 2	2 TONS/ACRE

GENERAL NOTES

- IF SO DIRECTED BY THE ENGINEER, DITCHES ADJACENT TO EMBANKMENTS SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.
- THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 9% . THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE FLATTENED ACCORDINGLY.
- TREES SHALL BE PRESERVED THROUGHOUT THIS SECTION AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. GENERALLY, TREES OUTSIDE THE CLEAR ZONE, AND WHICH DO NOT INTERFERE WITH CONSTRUCTION, SHALL NOT BE DISTURBED.
- EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.
- FORMS FOR (CONCRETE GUTTER; CONCRETE CURB; COMBINATION CONCRETE CURB AND GUTTER) SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.
- ALL PIPE CULVERTS DESIGNATED ON THE PLANS (R.C.C.P.) SHALL BE "REINFORCED CONCRETE CULVERT, STORM DRAIN AND SEWER PIPE" CONFORMING TO THE REQUIREMENTS OF ARTICLE 1040.03.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.21.
- AT ALL LOCATIONS WHERE THE PROPOSED HOT-MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT 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 TO BE CONSTRUCTED.
- PLANTING LOCATIONS FOR ALL TREES OR SHRUBS SHALL BE DESIGNATED AT THE TIME OF CONSTRUCTION BY THE PARK SITE MANAGER.
- CAMPER PADS IN THE CEDAR GROVE CAMPGROUND SHOULD BE LEVELED WITH AGGREGATE AND SURFACED WITH INCIDENTAL HOT-MIX SURFACING. THE CONTRACTOR AND THE RESIDENT ENGINEER SHALL REVIEW EACH PAD SITE TO DETERMINE THE APPROPRIATE AMOUNT OF AGGREGATE AND LEVELING POSSIBLE.
- THE RESIDENT ENGINEER SHALL CHECK AND MEASURE ROCK EXCAVATION AFTER THE CONTRACTOR HAS EXCAVATED ANY EARTHEN MATERIAL COVERING THE ROCK. THE EARTHWORK TABLE AND ROCK EXCAVATION TABLE ON THIS SHEET SHALL BE ADJUSTED BASED UPON THE ACTUAL AMOUNT OF ROCK TO BE EXCAVATED AS DETERMINED BY THE FIELD CONDITIONS.
- THIS PROJECT INCLUDES SEVERAL AREAS OF ROADWAY WIDENING. NO "WIDENING" PAY ITEMS ARE INCLUDED HEREIN. ALL WORK SHALL BE PAID FOR AS NOTED WHETHER THE WIDTH OF THE WORK AREAS EXCEEDS SIX FEET OR NOT WHETHER IT IS LESS THAN SIX FEET.

EARTHWORK TABLE					
LOCATION	CUT VOLUME		FILL VOLUME		REMARKS
	CU YD	CU YD	CU YD	CU YD	
MAIN ROAD NORTH	254	187	191	+4	*
PICNIC AREA ROAD	213	16	160	+144	**
POOL HOUSE ROAD	248	187	186	-1	**
SPRING ROAD	95	1	71	+70	**
SHELTER NO. 2 ROAD	107	17	80	+63	**
IL RTE 146	242	0	182	+182	***
SHELTER NO. 1 AREA	17	0	13	+13	****
ROAD REMOVAL (SHELTER NO.1 TO POOL HOUSE ROAD)	66	22 FILL 44 TOPSOIL	50	+28	*****
PARKING LOT NEAR SHELTER NO. 2	11	0	8	+8	****
PARKING AREAS @ GROUP CAMP CABINS	110	0	83	+83	****
TOTAL	1,363	430	1,024	+594	

* FROM CROSS SECTIONS ADJUSTED FOR ASSUMED ROCK EXCAVATION
 ** FROM CROSS SECTIONS
 *** FROM ALTERNATE CROSS SECTIONS AND INCREASED FOR POSSIBLE 2:1 BACK SLOPE
 **** CALCULATED BY HAND FOR AGGREGATE BASE AREA
 ***** CALCULATED BY HAND FOR REMOVAL OF UPPER SIX INCHES OF ROAD

LEGEND

	SIGN		STONE DUMPED RIPRAP CLASS A4
	MANHOLE		AGGREGATE BASE COURSE, TYPE B
	CONTOUR		AGGREGATE SURFACE COURSE, TYPE B
	TIMBER LINE		PCC SIDEWALK- 4"
	PIPE CULVERT (VARIOUS SIZES)		PCC SURFACING REMOVAL BUTT JOINT
	IRON ROD		SIDEWALK REMOVAL
	BENCHMARK		HOT MIX ASPHALT SURFACE REMOVAL BUTT JOINT
	SIGN		DETECTABLE WARNINGS
	STREET LIGHT		CONCRETE PARKING BLOCK
	GUY WIRE		ADJUST FRAME & GRATE
	POWER POLE		TREE REMOVAL
	YARD HYDRANT		PRC PRECAST REINFORCED CONCRETE
	UNDERGROUND ELECTRIC		TBF TRENCH BACKFILL
	OVERHEAD UTILITIES		
	SANITARY SEWER		
	STORM SEWER		
	EVERGREEN TREE		
	DECIDUOUS TREE		
	STORM INLET		

ROCK EXCAVATION TABLE				
LOCATION	CUT VOLUME	FILL VOLUME	WASTE (+) OR BORROW (-)	REMARKS
	CU YD	CU YD	CU YD	
MAIN ROAD NORTH	16	0	16	*
IL RTE 146	104	0	104	**
SIGNS	3	0	3	***
WOOD POSTS SPECIAL	5	0	5	****
WOOD GUARD RAIL	3	0	3	*****
TOTAL	131	0	131	

* FROM CROSS SECTIONS AND ASSUMED 90% FROM STA 37+50 TO STA 38+10
 ** FROM CROSS SECTIONS AND ASSUMED ROCK AT SIX INCHES BELOW SURFACE
 *** ASSUMED 50% OF SIGN POSTS IN ROCK
 **** ASSUMED 50% OF WOOD POSTS IN ROCK
 ***** ASSUMED 80% OF GUARD RAIL POSTS IN ROCK

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GENERAL NOTES & BENCHMARKS
 IDOT / IDNR
 DIXON SPRINGS STATE PARK
 SCALE: VERT. HORIZ.
 DATE: 12/08/06
 DRAWN BY: DRR
 CHECKED BY: RGD