

SECTION NO.	ROAD DISTRICT	COUNTY	SHEET OF SHEETS
97-17114-00-BR	SHILOH VALLEY	ST. CLAIR	2 OF 6
FHWA REG NO. 7		PROJECT NO. BROS-0163(033)	
FEDERAL AID PROJECT		CONTRACT NO. 97381	

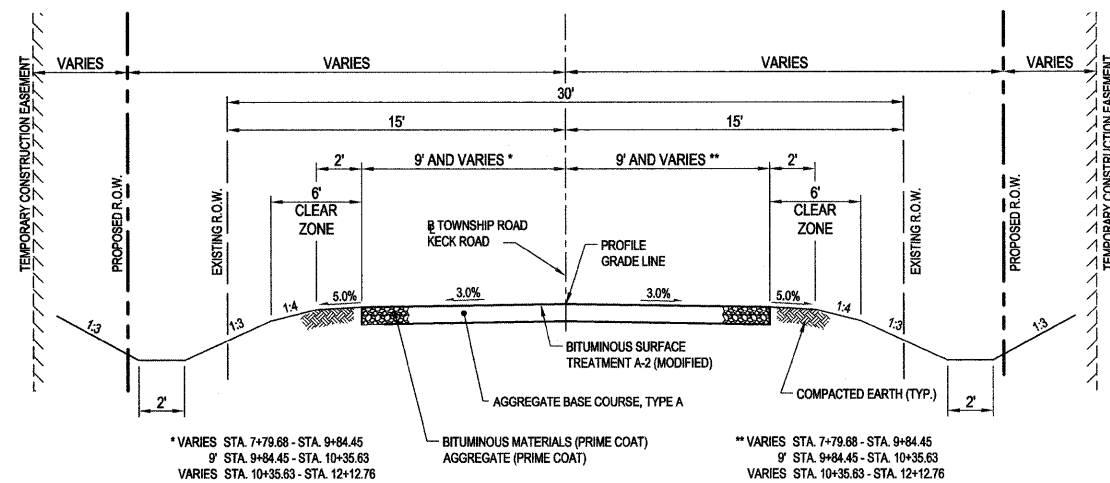
- ALL MATERIALS DEEMED SALVAGEABLE BY THE ENGINEER SHALL REMAIN THE PROPERTY OF THE ROAD DISTRICT. ALL OTHER MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR, AT HIS OWN EXPENSE.
- SEEDING DATES: SPRING - APRIL 1 TO JUNE 1; FALL - AUGUST 15 TO SEPTEMBER 30  
SEEDING WILL NOT BE PERMITTED OUTSIDE THE LIMITS SHOWN ABOVE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- THE FOLLOWING FACTORS WERE USED TO DETERMINE THE REQUIRED AMOUNT OF MATERIALS NEEDED:

NITROGEN FERTILIZER NUTRIENT	90 LB. / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LB. / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB. / ACRE
BITUMINOUS MATERIALS (PRIME COAT)	0.375 GAL. / SQ.YD.
BITUMINOUS MATERIALS (COVER AND SEAL COATS)	0.35 GAL. / SQ.YD.
COVER COAT AGGREGATES	20 LB. / SQ.YD.
SEAL COAT AGGREGATES	20 LB. / SQ.YD.

- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION.

VERIZON TELEPHONE  
111 EAST STATE STREET  
MASCOUTAH, IL 62258  
(618) 566-9815

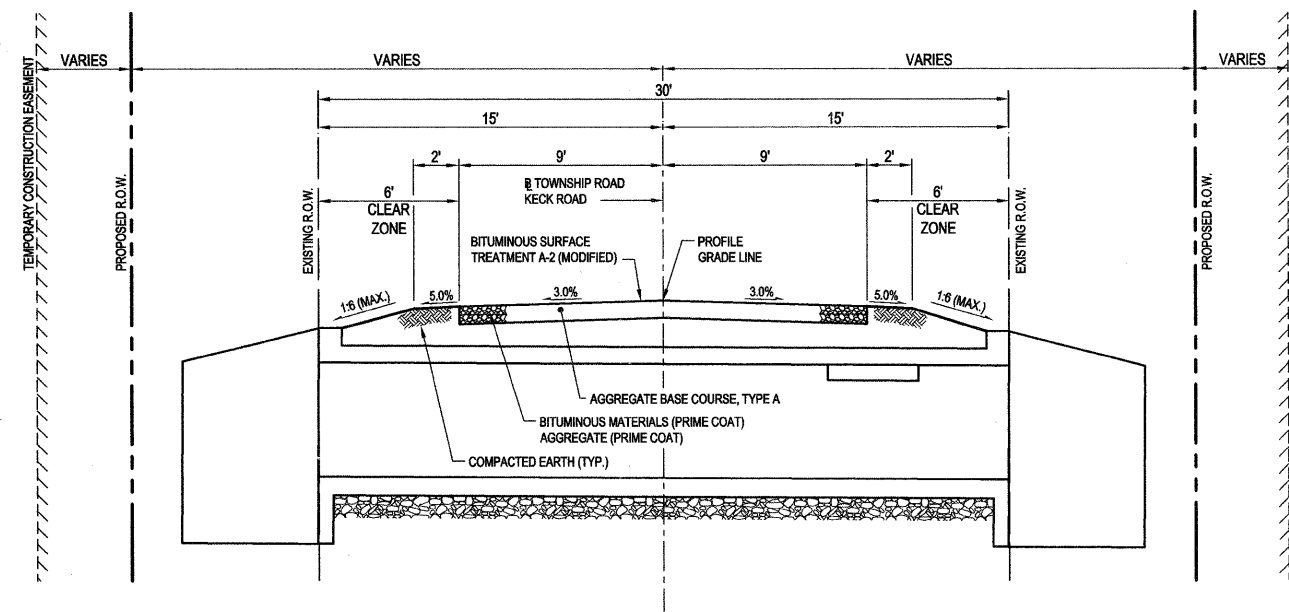
AMEREN IP  
1050 WEST BLVD.  
BELLEVILLE, IL 62221  
(800) 755-5000



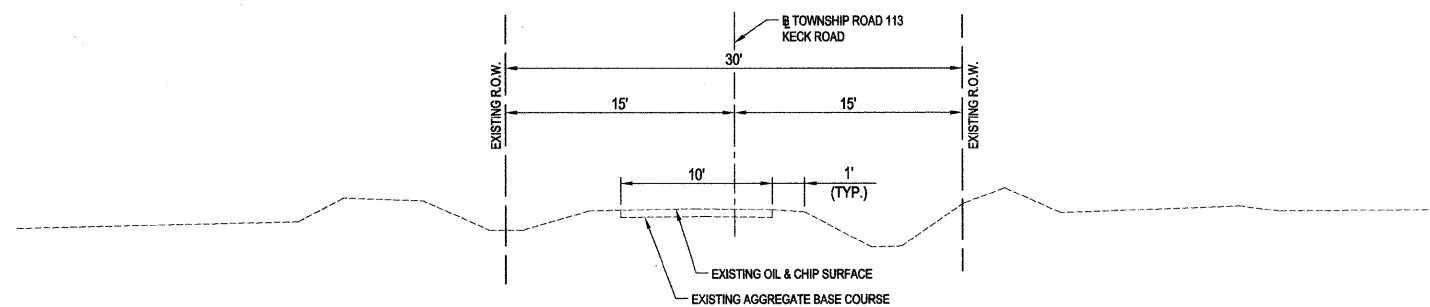
\* VARIES STA. 7+79.68 - STA. 9+84.45  
9' STA. 9+84.45 - STA. 10+35.63  
VARIES STA. 10+35.63 - STA. 12+12.76

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9' STA. 9+84.45 - STA. 10+35.63  
VARIES STA. 10+35.63 - STA. 12+12.76

**PROPOSED TYPICAL SECTION**  
STA. 7+79.68 - STA. 9+97.09  
STA. 10+22.99 - STA. 12+12.76



**PROPOSED TYPICAL SECTION AT CULVERT**  
STA. 9+97.09 - STA. 10+22.99



**EXISTING TYPICAL SECTION**

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
	7+79.68	6.48	0.00	6	0	6
8+00.00	9.12	0.00	13	1	19	1
8+50.00	4.59	0.68	13	17	32	18
9+00.00	9.53	17.20	41	61	73	79
9+50.00	4.32	48.36	60	84	133	163
9+97.09 (BACK)	34.32	48.36	0	0	133	163
9+97.09 (AHEAD)	0.00	20.64	0	20	133	183
10+22.99 (BACK)	0.00	20.66	0	0	133	183
10+22.99 (AHEAD)	59.80	41.33	60	41	193	224
10+50.00	59.8	41.33	108	65	301	289
11+00.00	57.02	28.55	83	36	384	325
11+50.00	33.15	10.68	36	10	420	335
12+00.00	6.23	0.28	3	0	423	335
12+12.76	6.56	0.00				

**FLEXIBLE PAVEMENT STRUCTURAL  
DESIGN INFORMATION**

AVERAGE ESTIMATED ADT UPON COMPLETION (2008) = 85  
ROADWAY CLASSIFICATION - CLASS IV

REQUIRED MATERIALS:  
AGGREGATE BASE COURSE, TYPE A  
BITUMINOUS SURFACE TREATMENT A-2

PROPOSED MATERIALS:  
AGGREGATE BASE COURSE, TYPE A, 8"  
BITUMINOUS SURFACE TREATMENT A-2 (MODIFIED)