

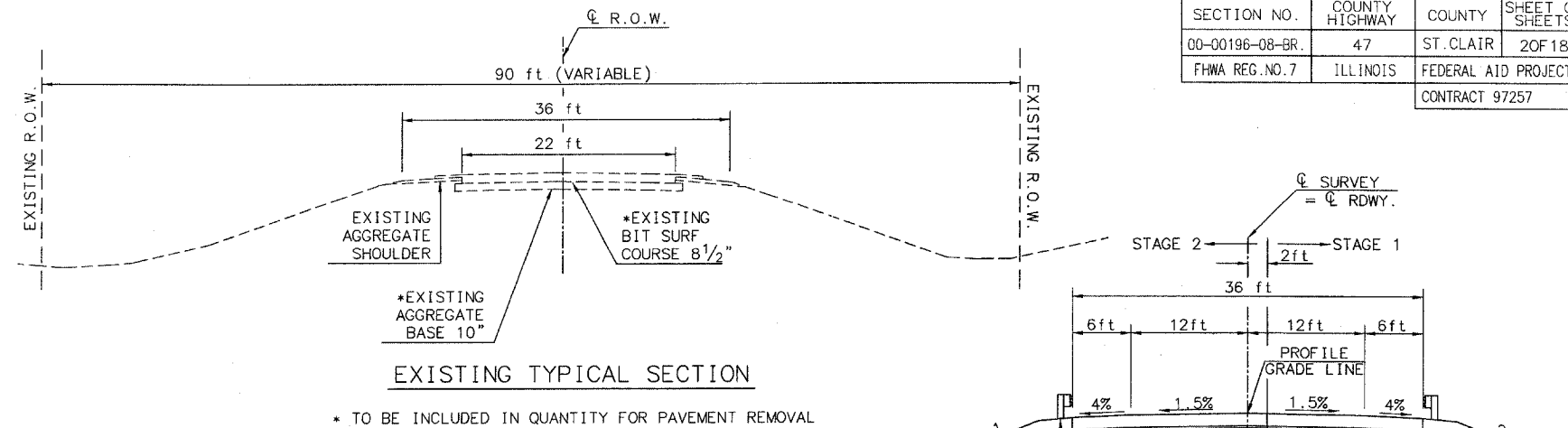
**GENERAL NOTES**

- ALL MATERIALS DEEMED SALVAGEABLE BY THE ENGINEER SHALL REMAIN THE PROPERTY OF THE COUNTY HIGHWAY DEPARTMENT. ALL OTHER MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR, AT HIS OWN EXPENSE.
- THE FOLLOWING ITEMS AND ESTIMATED QUANTITIES SHALL BE USED THROUGHOUT THIS PROJECT:  
0.2 ACRE, SEEDING CLASS 2; 18 POUND, NITROGEN FERTILIZER NUTRIENT; 18 POUND PHOSPHOROUS FERTILIZER NUTRIENT; 18 POUND, POTASSIUM FERTILIZER NUTRIENT; 877 SQ YD, EROSION CONTROL BLANKET; 20 POUND, TEMPORARY EROSION CONTROL SEEDING.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION.  

MONROE COUNTY ELECTRIC CO-OP 6132 STATE RTE 3, PO BOX 128 WATERLOO, ILLINOIS 62298 (618) 939-7171	MEDIACOM 2250 NORTH ILLINOIS AVE CARBONDALE, ILLINOIS 62901 (618) 529-5749	SBC MIDWEST 203 GOETHE ST. COLLINSVILLE, ILLINOIS 62234 1-800-244-4444
--	---	---
- THE FOLLOWING FACTORS WERE USED TO DETERMINE THE REQUIRED AMOUNT OF MATERIALS NEEDED.  

BITUMINOUS CONCRETE SURFACE COURSE	112 LBS/SQ YD/IN THK
------------------------------------	----------------------
- THE CONTRACTOR SHALL NOT BE ALLOWED TO SET THE DECK BEAMS UNTIL THE STEEL RAILING HAS BEEN DELIVERED TO THE JOB SITE OR TO THE CONTRACTORS YARD. PROOF OF SUCH DELIVERY MUST BE PRESENTED TO THE ENGINEER, AT HIS REQUEST, PRIOR TO THE PLACEMENT OF THE BEAMS.

SECTION NO.	COUNTY HIGHWAY	COUNTY	SHEET OF SHEETS
00-00196-08-BR.	47	ST. CLAIR	20F18
FHWA REG. NO. 7		ILLINOIS	FEDERAL AID PROJECT
CONTRACT 97257			



**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION/ CHANNEL EXCAVATION	ECAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE 25%	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU YDS	CU YDS	CU YDS	CU YDS
STA 50+00 TO STA 50+50	0.0	0.0	38.3	-38.3
STA 50+50 TO STA 50+65.78	0.0	0.0	23.9	-62.2
STA 50+65.78 TO STA 51+00	15.4	11.6	60.5	-111.1
STA 51+00 TO STA 51+15.04	6.8	5.1	98.2	-204.2
CHANNEL	613.8	460.4	0.0	+256.2
STA 52+56.54 TO STA 53+00	39.1	29.3	24.6	+260.9
STA 53+00 TO STA 53+05.79	0.8	0.6	3.5	+258.0
STA 53+05.79 TO STA 53+50	0.0	0.0	12.5	+245.5
<b>TOTAL</b>	<b>675.9</b>	<b>507.0</b>	<b>261.5</b>	<b>+245.5</b>

**BITUMINOUS SHOULDERS SUPERPAVE 10" SCHEDULE**

LOCATION	WIDTH	QUANTITY (SQYD)
STA. 50+02.03 - STA. 50+58.60 RT	2.5' TO 7'	29.9
STA. 50+58.60 - STA. 50+65.78 RT	7'	5.6
STA. 50+65.78 - STA. 50+85.83 RT & LT	7' TO 6'	29.0
STA. 52+85.75 - STA. 53+05.78 RT & LT	6' TO 7'	28.9
STA. 53+05.78 - STA. 53+11.49 RT	7'	4.4
STA. 53+11.49 - STA. 53+66.82 RT	7' TO 2.5'	29.2
<b>TOTAL</b>		<b>157</b>

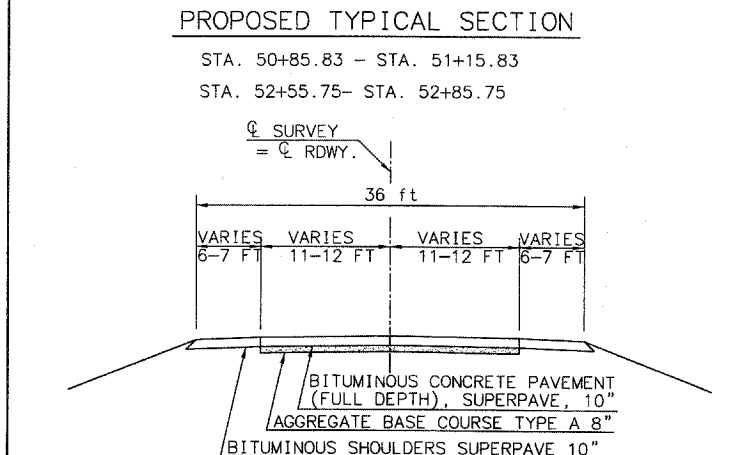
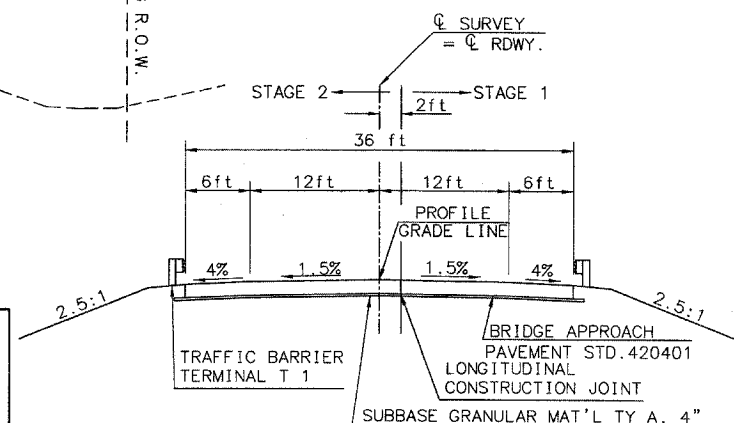
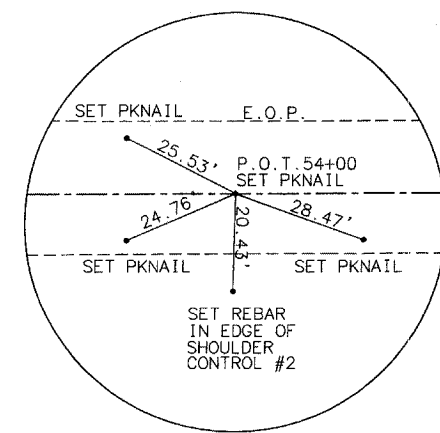
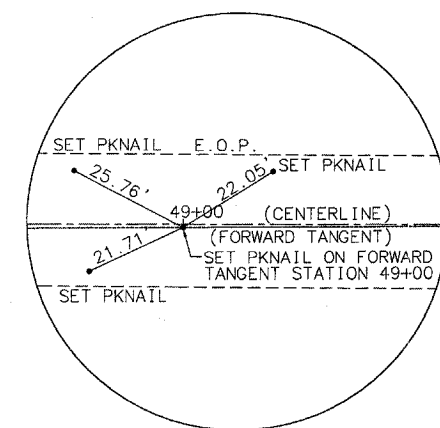
**BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) SUPERPAVE 10" SCHEDULE**

LOCATION	WIDTH	QUANTITY (SQYD)
STA. 50+65.78 - STA. 50+85.83	22' TO 24'	51.2
STA. 52+85.75 - STA. 53+05.78	24' TO 22'	51.2
<b>TOTAL</b>		<b>103</b>

**SIGN REMOVAL SCHEDULE**

LOCATION	QUANTITY (EACH)
STA. 50+07.96 - 15.81' LT	1
STA. 50+15.26 - 18.01' RT	1
STA. 50+55.18 - 18.14' RT	1
STA. 50+56.32 - 14.09' LT	1
STA. 51+03.27 - 12.93' RT	1
STA. 51+03.42 - 13.25' LT	1
STA. 52+52.25 - 13.79' LT	1
STA. 52+52.54 - 13.32' RT	1
STA. 52+98.47 - 17.43' RT	1
STA. 53+00.42 - 17.72' LT	1
STA. 53+48.11 - 18.23' RT	1
STA. 53+50.44 - 17.52' LT	1
<b>TOTAL</b>	<b>12</b>

**CENTERLINE TIES**



- NOTES**
- WARP FROM THE EXISTING SECTION TO THE PROPOSED TEMPLATE STA. 50+65.78 - STA. 50+85.83
  - WARP FROM THE PROPOSED SECTION TO THE EXISTING TEMPLATE STA. 52+85.75 - STA. 53+05.78

MIXTURE USE	FULL DEPTH SUPERPAVE	BIT SHLDS SUPERPAVE
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	10%	10%
DESIGN AIR VOID	4.0% @ N des=50	4.0% @ N des=50
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	MIXTURE C	MIXTURE C

**FLEXIBLE PAVEMENT STRUCTURAL DESIGN INFORMATION**

AVERAGE ESTIMATED ADT UPON COMPLETION (2005)= 3556  
 ROADWAY CLASSIFICATION - CLASS II

PROPOSED MATERIALS:  
 AGGREGATE BASE COURSE, TYPE A, 8 IN  
 BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH) SUPERPAVE 10"

**PAINT PAVEMENT MARKING LINE SCHEDULE**

LOCATION	TYPE	COLOR	WIDTH	QUANTITY (FOOT)
STA. 50+65.78 - STA. 53+05.78 LT	EDGE LINE	WHITE	4 IN	240
STA. 50+65.78 - STA. 53+05.78 RT	EDGE LINE	WHITE	4 IN	240
STA. 47+45.50 - STA. 56+44.60 C	CENTERLINE (DASHED)	YELLOW	4 IN	225
<b>TOTAL</b>				<b>705</b>

**PAVEMENT MARKING REMOVAL SCHEDULE**

LOCATION	TYPE	COLOR	WIDTH	QUANTITY (SQFT)
STA. 47+45.50 - STA. 50+65.78	CENTER LINE	YELLOW	4 IN	26.7
STA. 53+05.78 - STA. 56+44.60	CENTER LINE	YELLOW	4 IN	28.2
<b>TOTAL</b>				<b>55</b>

	INITIALS	DATE
DESIGNED	JLH	8/04
CHECKED	-	-
DRAWN	JLH	9/04
CHECKED	-	-
PREPARED BY	ST. CLAIR COUNTY	
CADD DRAWING FILE:	GENTYP	