

**GENERAL NOTES**

1. ALL MATERIALS DEEMED SALVAGEABLE BY THE ENGINEER SHALL REMAIN THE PROPERTY OF ST. CLAIR COUNTY. ALL OTHER MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR, AT HIS OWN EXPENSE.

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

AMEREN IP 1050 WEST BOULEVARD BELLEVILLE, IL 62222	AT&T ILLINOIS 203 GOETHE AVENUE COLLINSVILLE, IL 62234	CASEYVILLE WATER DEPARTMENT 909 SOUTH MAIN STREET CASEYVILLE, IL 62232
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3. THE FOLLOWING FACTORS WERE USED TO DETERMINE THE REQUIRED AMOUNT OF MATERIALS NEEDED.

INCIDENTAL HOT-MIX ASPHALT SURFACING	110 LBS/SQ YD/IN THK
BITUMINOUS MATERIALS (PRIME COAT)	0.35 GAL/SQ YD

4. THE FOLLOWING ITEMS AND ESTIMATED QUANTITIES SHALL BE USED THROUGHOUT THIS PROJECT:

78 SQ YD, SEEDING, CLASS 2, SPECIAL; 1.5 POUND, NITROGEN FERTILIZER NUTRIENT; 1.5 POUND, PHOSPHOROUS FERTILIZER NUTRIENT; 1.5 POUND, POTASSIUM FERTILIZER NUTRIENT; 78 SQ YD, MULCH, SPECIAL; 115 SQ. YD., AGGREGATE BASE COURSE, TYPE A, 8 INCH; 40 GALLONS, BITUMINOUS MATERIALS (PRIME COAT); 4 POUND, TEMPORARY EROSION CONTROL SEEDING; 19 TON, INCIDENTAL HOT-MIX ASPHALT SURFACING.

5. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S)	BRIDGE DECK	ROADWAY
MIXTURE USE	SURFACE	INCIDENTAL SURFACE
AC/PG	PG 64-22	PG 64-22
RAP %(MAX)	10%	0%
DESIGN AIR VOIDS	4.0% @ N des = 70	4.0% @ N des = 50
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5L/IL-12.5L	IL-9.5L
FRICTION AGG	MIXTURE C	MIXTURE C
MIXTURE WEIGHT	112/ LBS/SQ.YD./INCH	110/ LBS/SQ.YD./INCH

6. 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.

**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE (25%)	EMBANKMENT	FURNISHED EXCAVATION
	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS	CUBIC YARDS
STA.11+66.03 - STA.13+07.53	12	980	9	63	54

**EROSION CONTROL SCHEDULE**

LOCATION	PERIMETER EROSION BARRIER (FOOT)	TEMPORARY DITCH CHECK (EACH)
STA.11+25 TO STA.12+05 - RIGHT	80	
STA.11+65 TO STA.12+05 - LEFT	60	
STA.12+82 TO STA.13+00 - RIGHT	23	
STA.12+82 TO STA.13+24 - LEFT	23	
STA.12+83 LEFT		1

**PAVEMENT REMOVAL SCHEDULE**

LOCATION	PAVEMENT REMOVAL (SQ YD)
STA.11+66.03 TO STA.11+83.92	41
STA.12+73.77 TO STA.13+07.53	73

**STEEL PLATE BEAM GUARD RAIL REMOVAL SCHEDULE**

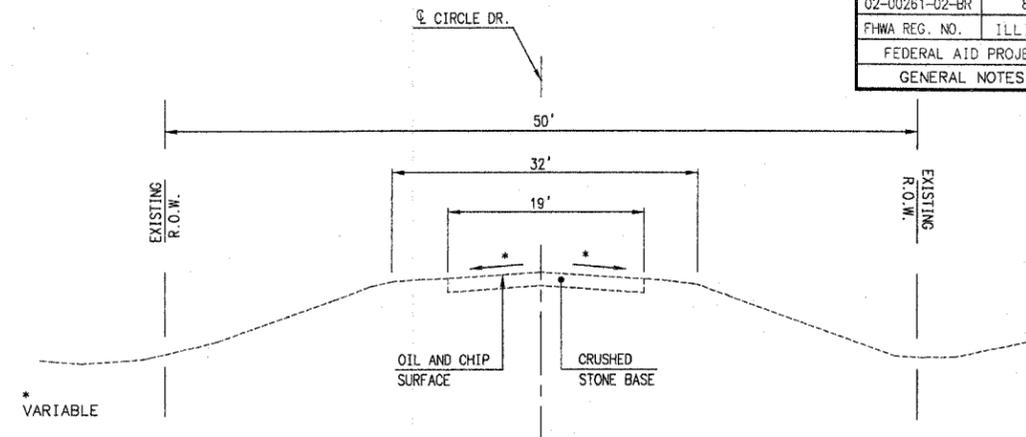
LOCATION	GUARD RAIL REMOVAL (FOOT)
NORTH WEST CORNER	78
NORTH EAST CORNER	78
SOUTH WEST CORNER	78
SOUTH EAST CORNER	53

**FLEXIBLE PAVEMENT STRUCTURAL DESIGN INFORMATION**

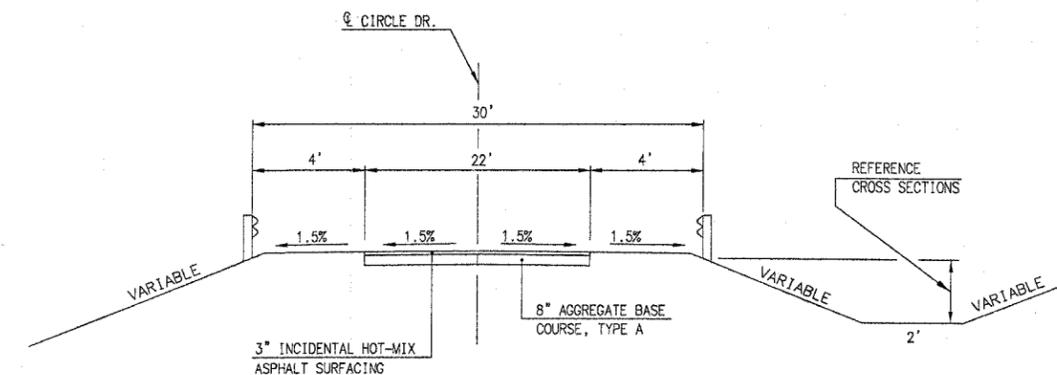
AVERAGE ESTIMATED ADT UPON COMPLETION (2008) = 423  
ROADWAY CLASSIFICATION = LOCAL ROAD

PROPOSED MATERIALS:  
AGGREGATE BASE COURSE, TYPE A, 8"  
INCIDENTAL HOT-MIX ASPHALT SURFACING

SECTION NO.	COUNTY HIGHWAY	COUNTY	SHEET OF SHEETS
02-00261-02-BR	83	ST. CLAIR	2 OF 14
FHWA REG. NO.	ILLINOIS	PROJ BROS-163(30)	
FEDERAL AID PROJECT	CONTRACT # 97346		
GENERAL NOTES - TYPICAL SECTIONS			



**EXISTING TYPICAL SECTION**  
N.T.S.



**PROPOSED TYPICAL SECTION**  
N.T.S.

- NOTES: 1. THE DIMENSIONS AND CROSS SLOPES SHOWN ARE TYPICAL OF THOSE AT THE ENDS OF THE PROPOSED STRUCTURE. THE ACTUAL DIMENSIONS VARY OVER A DISTANCE OF 25 FEET FROM THE ENDS OF THE PROPOSED STRUCTURE TO WHERE THE PROJECT TIES INTO THE EXISTING PAVEMENT.  
2. INCREASE THE BASE COURSE DEPTH PER ARTICLE 351.07 OF THE STANDARD SPECIFICATIONS.  
3. SEE PLAN VIEW FOR ACTUAL LOCATION OF TRAFFIC BARRIER TERMINAL.

	INITIALS	DATE
DESIGNED	RGEORGEN	8/07
CHECKED		
DRAWN		
CHECKED		

PREPARED BY ST. CLAIR COUNTY HIGHWAY DEPARTMENT