

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 8	05-00085-00-BR	MARSHALL	13	2
		ILLINOIS	PROJ. NO. BROS-123(21)	
CONTRACT NO. 89397				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	287
20300100	CHANNEL EXCAVATION	CU YD	330
20400800	FURNISHED EXCAVATION	CU YD	28
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.5
28000250	TEMPORARY EROSION CONTROL SEEDINGS	POUND	80
28000300	TEMPORARY DITCH CHECKS	EACH	2
28000400	PERIMETER EROSION BARRIER	FOOT	400
28101700	RIPRAP, SPECIAL	TON	112
28100807	STONE DUMPED RIPRAP, CLASS A4	TON	45
35101400	AGGREGATE BASE COURSE, TYPE B	TON	835
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	43
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	488
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	20.0
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1540
50800105	REINFORCEMENT BARS	POUND	2410
50900205	STEEL RAILING, TYPE S1	FOOT	110
51201000	FURNISHING METAL PILE SHELLS 12"	FOOT	440
51202600	DRIVING AND FILLING SHELLS	FOOT	440
51203200	TEST PILE METAL SHELLS	EACH	2
51500100	NAME PLATES	EACH	1
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ. YD.	172
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	165
54205470	PIPE CULVERTS, CLASS D, TYPE 1, EQUIVALENT ROUND SIZE 15"	FOOT	92
63200310	GUARDRAIL REMOVAL	FOOT	304
67100100	MOBILIZATION	L SUM	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	126
X4066614	BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N50	TON	107

\*SEE SPECIAL PROVISIONS

**GENERAL NOTES**

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

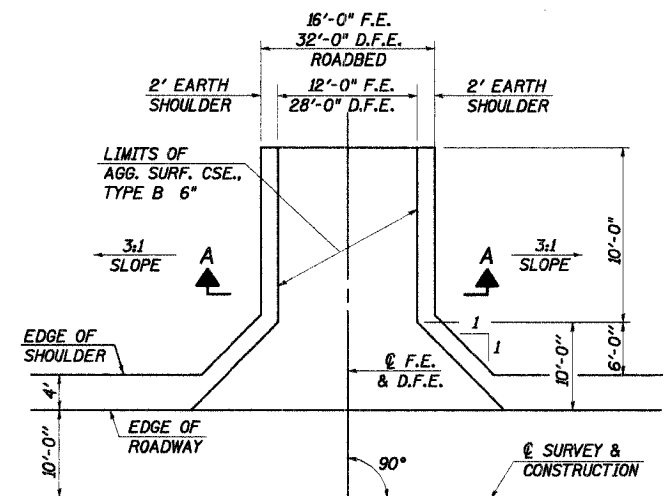
THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY, AS DIRECTED BY THE ENGINEER.

SEEDING, CLASS 2 (SPECIAL) = 0.5 ACRE

**TEMPORARY EROSION CONTROL**

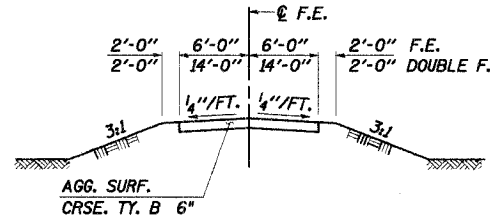
THE FOLLOWING QUANTITIES ARE ESTIMATES ONLY. ACTUAL QUANTITIES FOR EROSION CONTROL WILL BE DETERMINED BY THE ENGINEER IN THE FIELD AND THERE WILL BE NO ADJUSTMENT IN ANY UNIT PRICE DUE TO A CHANGE IN PLAN QUANTITY.

- PERIMETER EROSION BARRIER = 400 FOOT
- TEMPORARY EROSION CONTROL SEEDINGS = 80 POUND
- TEMPORARY DITCH CHECKS = 2 EACH

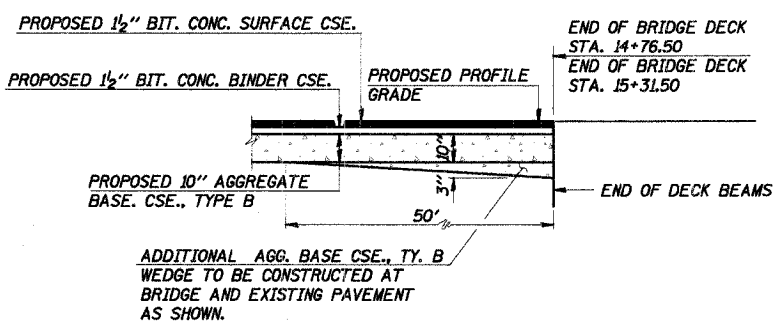


**FIELD ENTRANCE DETAIL**

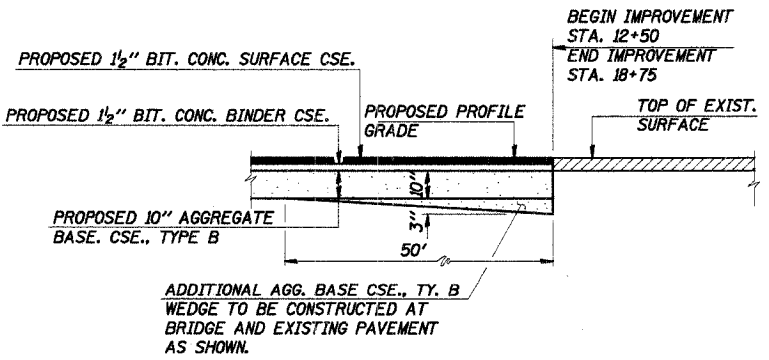
F.E. LT. STA. 13+05  
DOUBLE F.E. RT. STA. 17+30



**SECTION A-A**

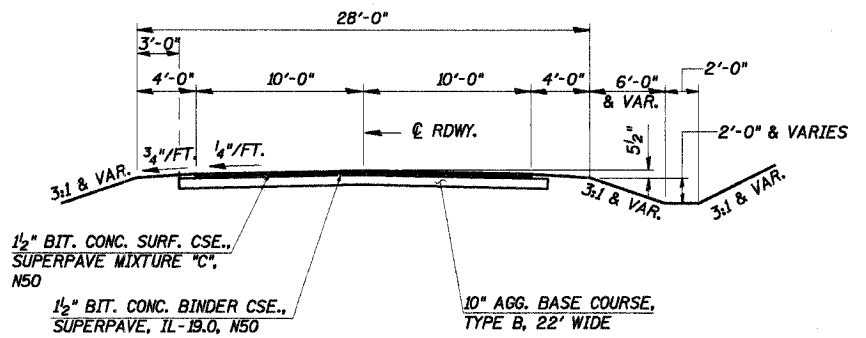


**ELEVATION AT BRIDGE**



**ELEVATION AT BEGINNING AND END OF IMPROVEMENT**

**JOINT DETAILS**

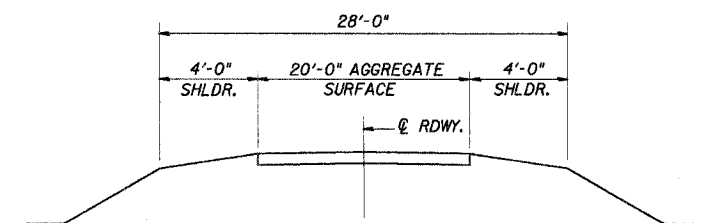


**TYPICAL PROPOSED CROSS SECTION**

STA. 12+50 TO STA. 18+75  
ROAD CLASSIFICATION: MINOR COLLECTOR (NON-URBAN) 0-250  
CURRENT ADT LESS THAN 150

SUGGESTED FILL SECTION  
CONSTRUCT AS SHOWN BY  
STATION CROSS SECTIONS

SUGGESTED CUT SECTION  
CONSTRUCT AS SHOWN BY  
STATION CROSS SECTIONS



**EXISTING TYPICAL CROSS SECTION**

**BITUMINOUS MIXTURE REQUIREMENTS**

MIXTURE USE(S)	SURFACE COURSE/ INCIDENTAL BITUMINOUS SURFACING	BINDER COURSE
AC/PG:	58-22	58-22
RAP % (MAX)	15%	15%
DESIGN AIR VOIDS:	3.0% @ N <sub>des</sub> = 50	3.0% @ N <sub>des</sub> = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE C	N/A

**SUMMARY OF QUANTITIES, GENERAL NOTES  
AND TYPICAL CROSS SECTION**  
COUNTY HIGHWAY 8  
SECTION 05-00085-00-BR  
MARSHALL COUNTY  
STA. 15+04

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**OZYURT AND STONE, INC.**  
CONSULTING ENGINEERS

JOB NO.: 0413  
FILE: SUMTYP.DGN  
DATE: 01/31/06