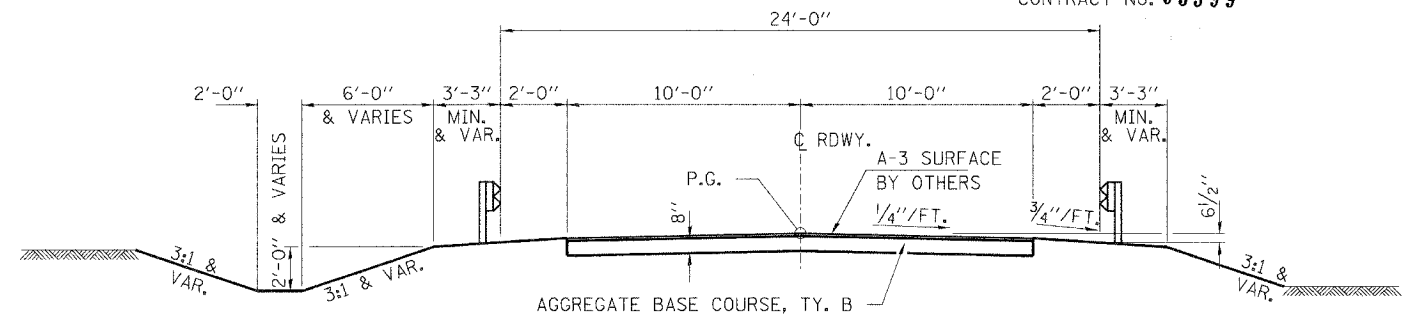


ROUTE NO.	SECTION	COUNTY	SHEET	TOTAL SHEETS
F.A.S. 585	02-00063-00-BR	BROWN	16	2
FED. ROAD DIST. NO.	ILL. ROAD DIST. PROJECT	BHS-585(104)		

CONTRACT NO. 93399

SUMMARY OF QUANTITIES			
CODE NO	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	25
20400800	FURNISHED EXCAVATION	CU YD	20
> 20900310	POROUS GRANULAR BACKFILL	TON	60
> 25001000	SEEDING CLASS 2 (SPECIAL)	ACRE	0.2
> 28000400	PERIMETER EROSION BARRIER	FOOT	510
> 28101700	RIPRAP, SPECIAL	TON	50
35101400	AGGREGATE BASE COURSE, TYPE B	TON	65
> 50102400	CONCRETE REMOVAL	CU YD	3.4
> 50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1
50300255	CONCRETE SUPERSTRUCTURE	CU YD	30.9
50300260	BRIDGE DECK GROOVING	SQ YD	112
50300300	PROTECTIVE COAT	SQ YD	124
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1
50500505	STUD SHEAR CONNECTORS	EACH	540
> 50600300	CLEANING AND PAINTING STEEL BRIDGE	L SUM	1
> 50606400	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	L SUM	1
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	7,945
50900205	STEEL RAILING, TYPE S1	FOOT	86
51500100	NAME PLATES	EACH	1
63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	250
63100075	TRAFFIC BARRIER TERMINAL TYPE 5A	EACH	4
> 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	3
> 70101830	TRAFFIC CONTROL AND PROTECTION STANDARD BLR 21	L SUM	1
> 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3
> XX005543	STEEL PLATE BEAM GUARDRAIL REMOVAL AND SALVAGE	FOOT	161
67100100	MOBILIZATION	L SUM	1

SEE SPECIAL PROVISIONS

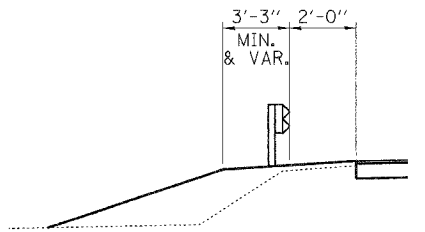


SUGGESTED CUT SECTION  
CONSTRUCT AS SHOWN IN  
STATION CROSS SECTIONS

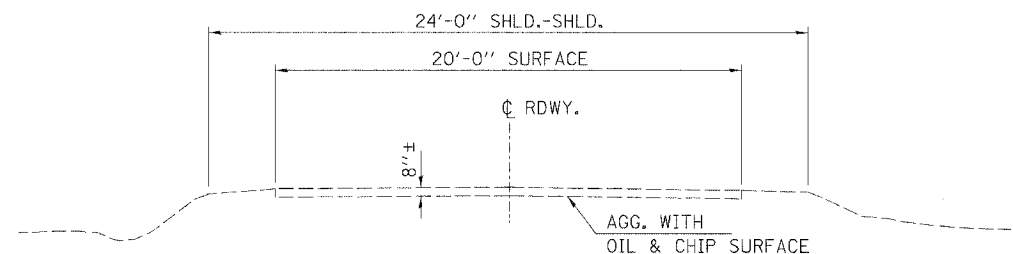
ROAD CLASSIFICATION - MAJOR COLLECTOR (NON-URBAN)  
CURRENT ADT 325  
DESIGN SPEED: 40 M.P.H.

SUGGESTED FILL SECTION  
CONSTRUCT AS SHOWN IN  
STATION CROSS SECTIONS

TYPICAL CROSS SECTION  
STA. 9+50 TO 10+50



SHOULDER WIDENING FOR  
GUARDRAIL & T.B.T.  
SEE STD. 631031 FOR DETAILS.  
STA. 8+50 TO STA. 9+50  
STA. 10+50 TO STA. 12+40



EXISTING CROSS SECTION

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2002," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. REMOVAL OF EXISTING PAVEMENT MATERIAL SHALL BE PAID FOR AS EARTH EXCAVATION.
- THE LOCATIONS OF EXISTING ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS UNTIL THE OWNER, HIS AGENT, OR A PROFESSIONAL LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX OF SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES  
 AGGREGATE SURFACE CSE. 2.05 TON/CU YD  
 POROUS GRANULAR BACKFILL 2.00 TON/CU YD  
 STONE RIPRAP 1.75 TON/CU YD
- REMOVAL OF EXISTING CONCRETE DECK WILL INCLUDE CONCRETE DECK AND BRIDGE RAIL. SEE SPECIAL PROVISIONS.
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITY = 0.2 ACRES

EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR	PERCENT USED	AVAILABLE EXCAVATION (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE (CU YD)
STA. 8+25 TO STA. 9+80.05	13	25%	100%	10	10	-1
STA. 9+80.05 TO STA. 10+20.53	-	25%	100%	-	-	-
STA. 10+20.53 TO STA. 12+40	11	25%	100%	8	19	-11
CHANNEL EXCAVATION ENTRANCES	0	25%	70%	0	-	0
TOTAL	24			18	30	-12
USE:	25					20

\* AVAILABLE EXCAVATION = EXC. x (1-SHRINKAGE FACTOR) x % USED (FURN. EXC.)

TRAFFIC BARRIER TERMINAL, TYPE 5A	
LOCATION	EACH
LT. STA. 9+59.5 TO STA. 9+72.7	1
RT. STA. 9+71.4 TO STA. 9+84.6	1
LT. STA. 10+15.9 TO STA. 10+29.1	1
RT. STA. 10+41.0 TO STA. 10+27.8	1
TOTAL	4

STEEL PLATE BEAM GUARD RAIL, TYPE A	
LOCATION	FOOT
LT. STA. 9+09.5 TO STA. 9+59.5	50
RT. STA. 9+46.4± TO STA. 9+71.4 **	25
LT. STA. 10+29.1 TO STA. 11+54.1	125
RT. STA. 10+41.0 TO STA. 10+91.0	50
TOTAL	250

TRAFFIC BARRIER TERMINAL, TY 1, SPL (TANG)	
LOCATION	EACH
LT. STA. 8+59.5 TO STA. 9+09.5	1
LT. STA. 11+54.1 TO STA. 12+04.1	1
RT. STA. 10+91.0 TO STA. 11+41.0	1
TOTAL	3

\*\* CONNECTION TO EXISTING STEEL PLATE BEAM GUARDRAIL INCLUDED IN COST OF STEEL PLATE BEAM GUARDRAIL, TYPE A.

S.P.B. GUARDRAIL REMOVAL & SALVAGE	
LOCATION	FOOT
LT. STA. 9+33.79 TO STA. 9+74.60	41
RT. STA. 9+46.35± TO STA. 9+84.75	38
LT. STA. 10+14.59 TO STA. 10+55.29	41
RT. STA. 10+25.31 TO STA. 10+66.05	41
TOTAL	161

**HLR**  
 Rice, Berry and Associates  
 A Division of Hampton, Lenzini and Renwick, Inc.  
 Civil & Structural Engineers  
 801 S. Durkin Drive  
 Springfield, Illinois 62704  
 217-546-3400  
 P.O. Box 1036  
 DuQuoin, Illinois 62832  
 618-790-4637  
 Account Number 12-16-0017-1  
 Date: 06/10/05  
 DESIGNED: T.P.L. CHECKED: S.W.M. DRAWN: D.T.M.

SUMMARY OF QUANTITIES AND TYPICAL SECTIONS  
 SECTION 02-00063-00-BR  
 C.H. 11 / F.A.S. 585  
 BROWN COUNTY