

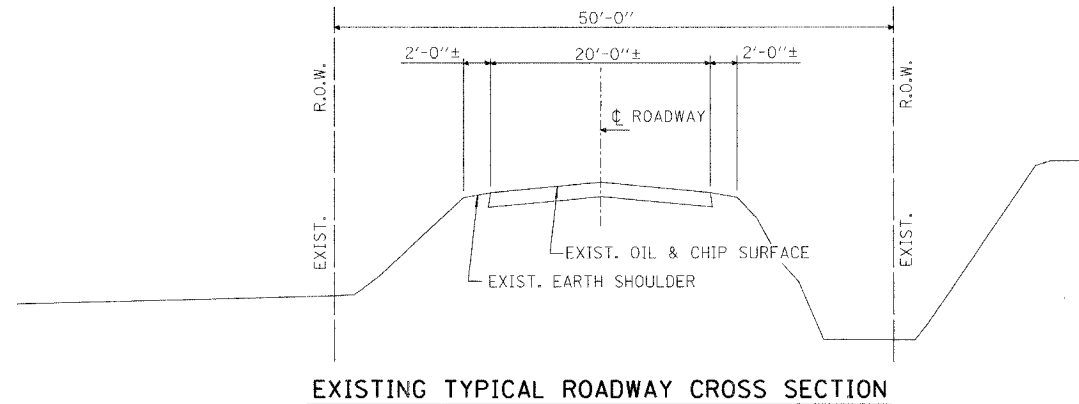
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 256	06-III16-00-BR	MACON	14	2
FED. ROAD DIST. NO.	ILLINOIS	PROJECT: BROS-115(63)		

CONTRACT NO. 95530

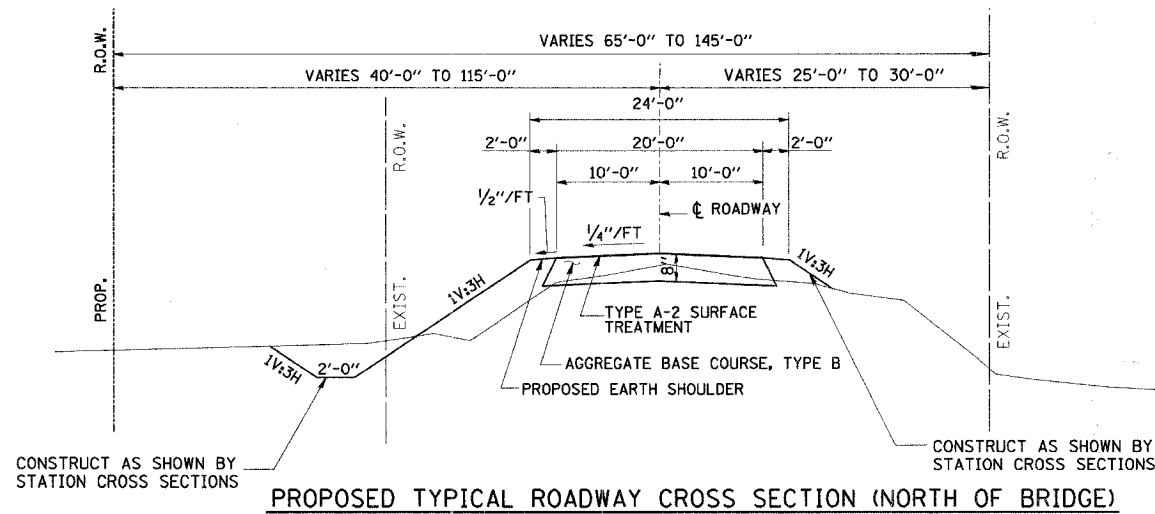
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100500	TREE REMOVAL, ACRES	ACRE	0.25
20200100	EARTH EXCAVATION	CU YD	421
20300100	CHANNEL EXCAVATION	CU YD	189
20400800	FURNISHED EXCAVATION	CU YD	173
20800150	TRENCH BACKFILL	CU YD	40.4
25000200	SEEDING, CLASS 2	ACRE	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68
25100115	MULCH, METHOD 2	ACRE	0.75
28000300	TEMPORARY DITCH CHECKS	EACH	2
28000400	PERIMETER EROSION BARRIER	FOOT	148
28000500	INLET AND PIPE PROTECTION	EACH	3
28100107	STONE RIPRAP, CLASS A4	SQ YD	476
28200200	FILTER FABRIC	SQ YD	476
35101400	AGGREGATE BASE COURSE, TYPE B	TON	498
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	418
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	835
40300500	COVER COAT AGGREGATE	TON	10
40300600	SEAL COAT AGGREGATE	TON	10
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	19
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	18.6
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1484
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2320
50900205	STEEL RAILING, TYPE S1	FOOT	124
51201005	FURNISHING METAL SHELL PILES 12"	FOOT	206
51202305	DRIVING PILES	FOOT	206
51203200	TEST PILE METAL SHELLS	EACH	1
51500100	NAME PLATES	EACH	1
54207195	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 60"	FOOT	100
54214755	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 60"	EACH	2
54248200	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 60"	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	49
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	51
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	165
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	433
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	16.2
Δ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1
Δ 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
Δ 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	3
Δ 63300725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	25
66500105	WOVEN WIRE FENCE, 4'	FOOT	230
67100100	MOBILIZATION	L SUM	1
Δ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
• XX000610	RELOCATE EXISTING MAILBOX	EACH	2
• XX007147	EXISTING GATE TO BE RELOCATED	EACH	1
• XX007150	RELOCATE EXISTING SIGN, TYPE 1	EACH	1

• SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS

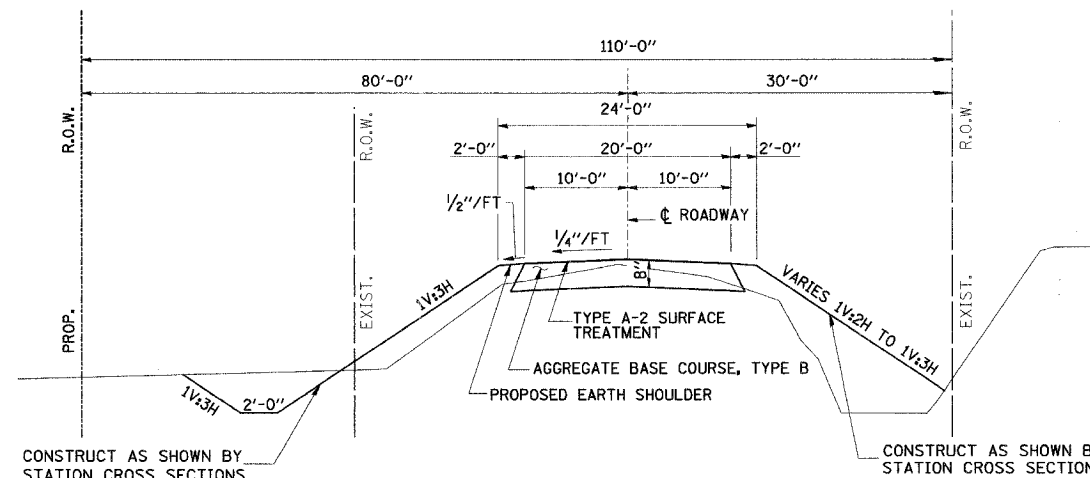


EXISTING TYPICAL ROADWAY CROSS SECTION



PROPOSED TYPICAL ROADWAY CROSS SECTION (NORTH OF BRIDGE)

STA. 15+33.65 TO STA. 16+65.00
 TRANSITION STA. 16+65.00 TO STA. 17+15.00
 AGGREGATE BASE COURSE, TYPE B = 187 TONS



PROPOSED TYPICAL ROADWAY CROSS SECTION (SOUTH OF BRIDGE)

STA. 13+35.00 TO STA. 14+70.15
 TRANSITION STA. 12+85.00 TO STA. 13+35.00
 AGGREGATE BASE COURSE, TYPE B = 194 TONS

GENERAL NOTES

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

CLASS OF SEEDING	BEGINNING DATES	TERMINATION
1, 1A, 1B, 2, 2A, 3 (IN SPRING)	MARCH 1	JUNE 1
1, 1A, 1B, 2, 2A, 3 (IN FALL)	AUGUST 1	NOVEMBER 15

LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. HE SHALL ALSO OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION.

APPLICATION RATES

MATERIAL	QUANTITY	UNIT
GRANULAR MATERIALS	2.05	TONS/CU. YD.
NITROGEN FERTILIZER NUTRIENT	90	LBS./ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90	LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90	LBS./ACRE
MULCH METHOD 2	2	TONS/ACRE
BITUMINOUS MATERIALS (PRIME COAT)	0.5	GAL/SQ. YD.
BITUMINOUS MATERIALS (COVER & SEAL COATS)	0.5	GAL/SQ. YD.
COVER COAT AGGREGATE	25	LBS./SQ. YD.
SEAL COAT AGGREGATE	25	LBS./SQ. YD.
BITUMINOUS SURFACE COURSE	112	LBS./SQ. YD.

MATERIAL REQUIRED FOR FURNISHED EXCAVATION SHALL BE DELIVERED FROM AN OFF-SITE LOCATION.

ROADWAY QUANTITY SCHEDULE

LOCATION	AGG BASE CSE B (TON)	BIT MATLS PR CT (GAL)	BIT MATLS C&S CT (GAL)	COVER COAT AGG (TON)	SEAL COAT AGG (TON)	HMA SC MIX "C" N50 (TON)
M.L. STA. 12+85.00 TO STA. 14+70.15	194	213	425	5	5	
M.L. STA. 15+33.65 TO STA. 17+15.00	187	205	410	5	5	
F.E. LT STA. 13+50.00	57					
P.E. LT STA. 16+06.00	50					
P.E. RT STA. 16+82.63	10					
OVERLAY AT STRUCTURE						19
TOTALS	498	418	835	10	10	19

GENERAL DATA

Date	Designed MJP	T.R. 256 OVER BIG CREEK SECTION 06-III16-00-BR MACON COUNTY STA. 15+01.90 PROP. STR. NO. 058-3389
Revisions	Drawn BKN	
	Checked KWB	
	Approved KWB	
Prepared by:	URS 345 East Ash Avenue Decatur, IL 62526	URS Job No. 36431783