

GUARDRAIL SCHEDULE

STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS

STA. 95+30.75 TO 96+18.25, RT.	=	87.5 FT.
STA. 95+93.25 TO 96+18.25, LT.	=	25.0 FT.
STA. 97+73.75 TO 99+11.25, LT.	=	137.5 FT.
STA. 97+73.75 TO 97+98.75, RT.	=	25.0 FT.

TOTAL = 275 FT.

GUARDRAIL MARKERS

LOCATION	EACH	
	A	B
S.M. 003-3052		
95+35 RT.	1	-
96+05 RT.	1	-
96+75 RT.	-	1
97+35 RT.	1	-
97+95 RT.	1	-
96+00 LT.	1	-
96+75 LT.	-	1
97+50 LT.	1	-
98+25 LT.	1	-
99+00 LT.	1	-
TOTAL	8	2

NOTE:
PLACE TYPE B MARKERS ON NEAREST
RAIL POST BETWEEN SM RAILS.

EARTHWORK SCHEDULE
(SEE SPECIAL PROVISIONS)

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STA. 93+50 TO 96+62	88	66	71	-5
BRIDGE OMISSION				
STA. 97+30 TO 102+00	233	175	868	-693
SUBTOTAL	321	241	939	-698
ALLOWANCE FOR 75% OF CHANNEL EXCAVATION IN EMBANKMENT				+112
TOTAL				-586

NOTE: SCHEDULE ASSUMES A 25% SHRINKAGE FACTOR.

GENERAL NOTES

- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL.
- UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY ON HIS OPERATIONS ACCORDINGLY.
- THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR VARIOUS BITUMINOUS LIFTS.
- EXISTING SIDE SLOPES SHALL HAVE TOPSOIL REMOVED AND BENCHED TO SATISFACTION OF ENGINEER BEFORE RECEIVING EMBANKMENT. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.
- THE FOLLOWING MATERIALS SHALL BE USED. NO OTHER KIND OF MATERIAL WILL BE PERMITTED AS AN ALTERNATE.

ITEM	MATERIAL
PIPE CULVERTS, CLASS A	REINFORCED CONCRETE CULVERTS, STORM DRAIN, AND SEWER PIPE
- NO TREE REMOVAL BETWEEN APRIL 1 THRU SEPTEMBER 30 TO PROTECT FEDERALLY ENDANGERED INDIANA BAT.
- ALL EMERGENCY, SCHOOL AND POSTAL SERVICES WILL BE NOTIFIED BEFORE CONSTRUCTION BEGINS.
- FIELD AND PRIVATE ENTRANCES WILL REMAIN ACCESSIBLE, AS DIRECTED BY THE ENGINEER, THROUGHOUT THE TIME OF CONSTRUCTION.
- THE COUNTY WILL COORDINATE THE DETOUR ROUTE WITH THE DISTRICT BEFORE CONSTRUCTION.
- THE COUNTY WILL COORDINATE WITH THE CARLYLE LAKE CORPS OF ENGINEERS OFFICE FOR THE LOCAL CORPS APPROVAL FOR FILL IN CARLYLE LAKE FLOWAGE EASEMENT BEFORE CONSTRUCTION.

COMMITMENTS

- A TEMPORARY FENCE WITH NO INTRUSION SIGNS WILL BE INSTALLED ALONG THE CONSTRUCTION LIMITS FROM STA. 95+00 TO 96+50, RT. DUE TO THE CLOSE PROXIMITY OF WETLAND SITE 1.

EXTRA BARS FOR TEST SAMPLES

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	1	#7	12'-2"	—
h ₂ (E)	1	#4	28'-4"	—
u(E)	1	#6	10'-1"	□
v(E)	1	#5	9'-3"	—

THESE BARS SHALL BE IDENTICAL TO AND DELIVERED WITH THE BARS OF THE SAME MARK LISTED IN THE STRUCTURE SHEETS. ONE BAR OF EACH OF THESE MARKS WILL BE SELECTED BY THE ENGINEER TO BE USED AS A TEST SAMPLE.

THIS CHART ASSUMES THAT ALL BARS OF THE SAME SIZE ON THE JOB WILL HAVE THE SAME HEAT NUMBER. IF BARS OF THE SAME SIZE ON THE JOB HAVE DIFFERENT HEAT NUMBERS, THEN THE CONTRACTOR SHALL SUPPLY ADDITIONAL BARS FROM OTHER HEAT NUMBERS FOR SAMPLING BY THE ENGINEER AT NO ADDITIONAL COST.

LOCATION OF WORK		CONSTRUCTION CODE 0011	
SUMMARY OF QUANTITIES			TOTAL QUANTITY
CODE NO.	ITEM	UNIT	
20200100	EARTH EXCAVATION	CU. YD.	321
20300100	CHANNEL EXCAVATION	CU. YD.	149
20400800	FURNISHED EXCAVATION	CU. YD.	586
25000200	SEEDING, CLASS 2	ACRE	0.7
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	63
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	63
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	63
25100115	MULCH, METHOD 2	ACRE	0.7
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	70
28000315	AGGREGATE DITCH CHECKS	TON	20
28100809	STONE DUMPED RIPRAP, CLASS A5	TON	302
28500100	FABRIC FORMED CONCRETE REVETMENT MAT	SQ. YD.	648
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	60
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	575
40600300	AGGREGATE (PRIME COAT)	TON	11
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	593
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	364
48100100	AGGREGATE SHOULDERS, TYPE A	TON	360
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50105220	PIPE CULVERT REMOVAL	FOOT	126
50300225	CONCRETE STRUCTURES	CU. YD.	29.0
50300280	CONCRETE ENCASMENT	CU. YD.	2.8
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ. FT.	1,867
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5,630
50901050	STEEL RAILING, TYPE SM	FOOT	136
51201610	FURNISHING STEEL PILES HP12x63	FOOT	168
51202305	DRIVING PILES	FOOT	168
51203610	TEST PILE STEEL HP12x63	EACH	2
51500100	NAME PLATES	EACH	1
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	359
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	64
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ. YD.	208
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	400
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU. YD.	24
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	275
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	160
67100100	MOBILIZATION	L SUM	1
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	2
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

* THESE ITEMS ARE CONSIDERED SPECIALTY ITEMS.

ENTRANCE SCHEDULE

LOCATION			AGG. SURFACE COURSE, TYPE B
STA.	TYPE		TON
94+47	RT.	F.E.	—
100+14	LT.	F.E.	—
100+16	RT.	P.E.	30
100+72	RT.	P.E.	30

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES, GENERAL NOTES AND SCHEDULES

SHEET NO. 1 OF 1 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	07-00084-00-BR/07-00088-00-BR	BOND/CLINTON	19	2
S.M. 003-3052			CONTRACT NO. 97469	
ILLINOIS FED. AID PROJECT				

FILE NAME	USER NAME	DESIGNED	REVISED
h:\5789\02-sqy-5789.dgn	USERDESCR.	B.I.B.	-
		L.D.G.	-
		K.H.L.	-
		B.G.H.	-