

PROJECT	SECTION	COUNTY	SHEETS	TOTAL
245	98-20101-00-BR	BUREAU	65	5
FED. ROAD DIST. NO. 7		BLDG. NO.	FED. AID PROJECT - BROS-OH(62)	

# GENERAL NOTES

THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS ENCOUNTERED, UNTIL AN OWNER OR AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ANY PROPERTY MARKS, SECTION OR SUBSECTION MONUMENTS, UNLESS REFERENCED, DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

ANY EXISTING FENCE AND/OR CULVERTS, REQUIRED TO BE REMOVED TO CONSTRUCT THE PROJECT TO THE DIMENSIONS AND LIMITS SHOWN ON THE PLANS, SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE INCIDENTAL TO THE CONTRACT. THESE ITEMS, WITH THE EXCEPTION OF ANY CULVERTS DEEMED SALVAGEABLE BY THE ENGINEER, WHICH SHALL BE CAREFULLY REMOVED AND PLACED ALONG THE RIGHT OF WAY FOR PICK-UP BY THE COUNTY, SHALL BECOME THE PROPERTY OF THE CONTRACTOR TO DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL LAWS.

ALL TELEPHONE AND ELECTRIC POLES, GAS DROPS, WATER MAIN, SEWERS, ETC. IN THE WAY OF THE IMPROVEMENT SHALL BE MOVED BY THE UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOT BE INCLUDED IN THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITIES TO MAKE THE NECESSARY ADJUSTMENTS PRIOR TO HIS CONSTRUCTION.

THE LOCATION AND/OR ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE.

ALL TREES LESS THAN 6" DIAMETER WITHIN THE CONSTRUCTION LINES AND SHOWN ON THE PLANS ARE TO BE REMOVED AND WILL NOT BE PAID FOR UNDER THE BID ITEM OF TREE REMOVAL. THE COST OF REMOVING THESE TREES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER CUBIC YARD FOR EARTH EXCAVATION (SPECIAL).

THE FINAL TOP 4" OF SOIL IN ANY AREA DISTURBED BY THE CONTRACTOR MUST BE ABLE TO SUPPORT VEGETATION.

EXISTING MAIL BOXES, STREET SIGNS AND TRAFFIC SIGNS THAT ARE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET BY THE CONTRACTOR. COST OF REMOVING AND RESETTING TO BE INCLUDED IN THE CONTRACT UNIT PRICE BID PER UNIT FOR EARTH EXCAVATING (SPECIAL).

WHERE THE PROPOSED CONSTRUCTION MEETS AN EXISTING BITUMINOUS SURFACE, OR WHERE SAWING IS STATED ON THE PLANS, THE EXISTING SURFACE SHALL BE SAWED IN A NEAT, STRAIGHT LINE. COST OF SAWING TO BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT FOR EARTH EXCAVATION (SPECIAL).

EARTHWORK SCHEDULE - ROAD TR245 AND EPPERSON ROAD

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE 25%	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
TOWNSHIP ROUTE 245 (1600 N.) STA. 6+50 TO 29+94.20	22,765	17,074	16,425	649
EPPERSON ROAD STA. 102+00 TO 107+85	1566	1,175	308	867
<b>TOTALS</b>	<b>24,331</b>	<b>18,248</b>	<b>16,733</b>	<b>1,516</b>

# SCHEDULES

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		
STATION	CU YD	REMARKS
CONTINGENCY ITEM	800	AS DIRECTED BY THE ENGINEER
<b>PROJECT TOTAL</b>	<b>800</b>	

20201200

SEEDING, CLASS 2 (SPECIAL)		
STATION	ACRES	REMARKS
<b>TOWNSHIP ROUTE 245</b>		
TOWNSHIP		
L & R 6+50 - 22+50	2.44	
JOINT		
L & R 22+50 - 29+30	1.46	
CITY OF PRINCETON		
L & R 29+30 - 29+94.20	0.09	
<b>EPPERSON ROAD</b>		
CITY OF PRINCETON		
L & R 102+00 - 107+85	0.65	
<b>PROJECT TOTAL</b>	<b>4.64</b>	

25001000

EROSION CONTROL BLANKET		
STATION	SQ YD	REMARKS
<b>TOWNSHIP ROUTE 245</b>		
TOWNSHIP		
R 12+21 - 13+21	66.7	6' WIDE
R 13+80 - 14+80	66.7	6' WIDE
L 14+06 - 15+06	66.7	6' WIDE
R 16+11 - 19+96	266.8	6' WIDE
L 18+87 - 22+50	242	6' WIDE
R 20+50 - 22+50	133.3	6' WIDE
JOINT		
L 22+50 - 26+05	236.7	6' WIDE
R 22+50 - 24+64	23.8	6' WIDE
<b>EPPERSON ROAD</b>		
CITY OF PRINCETON		
L 101+96 - 102+96	66.7	6' WIDE
R 101+96 - 102+96	66.7	6' WIDE
<b>PROJECT TOTAL</b>	<b>1236.1</b>	

25100630

TEMPORARY DITCH CHECK		
STATION	EACH	REMARKS
<b>TOWNSHIP ROUTE 245</b>		
TOWNSHIP		
L & R 8+00	2	AS DIRECTED BY THE ENGINEER
L & R 10+00	2	AS DIRECTED BY THE ENGINEER
L & R 12+00	2	AS DIRECTED BY THE ENGINEER
L 15+00	1	AS DIRECTED BY THE ENGINEER
L & R 17+00	2	AS DIRECTED BY THE ENGINEER
L & R 19+00	2	AS DIRECTED BY THE ENGINEER
L & R 21+00	2	AS DIRECTED BY THE ENGINEER
JOINT		
L & R 23+00	2	AS DIRECTED BY THE ENGINEER
L 27+00	1	AS DIRECTED BY THE ENGINEER
L 29+00	1	AS DIRECTED BY THE ENGINEER
<b>EPPERSON ROAD</b>		
CITY OF PRINCETON		
L & R 102+50	2	AS DIRECTED BY THE ENGINEER
R 103+80	1	AS DIRECTED BY THE ENGINEER
L 105+20	1	AS DIRECTED BY THE ENGINEER
<b>PROJECT TOTAL</b>	<b>21</b>	

28000300

PERIMETER EROSION BARRIER		
STATION	FOOT	REMARKS
<b>TOWNSHIP ROUTE 245</b>		
TOWNSHIP		
L 10+00 - 13+35	382	
R 12+75 - 13+20	127	
R 20+48 - 20+56	23	
L 13+95 - 16+00	240	
R 13+95 - 17+00	429	
<b>EPPERSON ROAD</b>		
CITY OF PRINCETON		
L 102+00 - 103+50	189	
R 102+00 - 107+85	863	
L 106+25 - 106+32.50	21	
L 107+85	15	
<b>PROJECT TOTAL</b>	<b>2,289</b>	

28000400

SUB-BASE GRANULAR MATERIAL, SPECIAL		
STATION	TONS	REMARKS
<b>TOWNSHIP ROUTE 245</b>		
TOWNSHIP		
CONTINGENCY ITEM	857	AS DIRECTED BY THE ENGINEER
JOINT		
CONTINGENCY ITEM	421	AS DIRECTED BY THE ENGINEER
CITY OF PRINCETON		
CONTINGENCY ITEM	121	AS DIRECTED BY THE ENGINEER
<b>EPPERSON ROAD</b>		
CITY OF PRINCETON		
CONTINGENCY ITEM	353	AS DIRECTED BY THE ENGINEER
<b>PROJECT TOTAL</b>	<b>1752</b>	

31102800

AGGREGATE BASE COURSE, TYPE A		
STATION	TONS	REMARKS
<b>TOWNSHIP ROUTE 245</b>		
TOWNSHIP		
6+50 - 13+06.48	399	4"
L 12+58.98 - L 12+76.48	2	4" (BRIDGE SHOULDER AREA)
R 12+58.98 - R 12+76.48	2	4" (BRIDGE SHOULDER AREA)
L 14+84.48 - L 14+73.98	1	4" (BRIDGE SHOULDER AREA)
R 14+84.48 - R 14+73.98	1	4" (BRIDGE SHOULDER AREA)
14+34.48 - 22+50	495	4"
R 15+31.48 - 16+34.04	131	4" (PARKING LOT AREA)
CER 20+22	40	4"
JOINT		
22+50 - 27+64.69	313	4"
R 24+76.39 - 29+30	61	4" (SHOULDER AND GUTTER AREA)
27+64.69 - 29+30	124	4" (TAPER)
CITY OF PRINCETON		
29+30 - 29+81.58	108	4" (INTERSECTION)
29+30 - 29+81.58	25	4" (SHOULDER AND GUTTER AREA)
<b>EPPERSON ROAD</b>		
CITY OF PRINCETON		
102+00 - 107+85	355	4"
102+00 - 107+85	100	4" (SHOULDER AREA)
FE L 106+00	47	10"
<b>PROJECT TOTAL</b>	<b>2,210</b>	

35100100

BITUMINOUS MIXTURE COMPLETE		
STATION	TONS	REMARKS
<b>TOWNSHIP ROUTE 245</b>		
TOWNSHIP		
6+25 - 6+50	6	1.5" (TAPER AREA)
<b>EPPERSON ROAD</b>		
CITY OF PRINCETON		
107+85 - 108+10	6	1.5" (TAPER AREA)
<b>PROJECT TOTAL</b>	<b>12</b>	

40500300