

FAS 497A (BISMARCK ROAD)
 MAJOR COLLECTOR
 STA. 7+98.98 TO STA.142+21.99
 VERMILION COUNTY
 80% FEDERAL / 20% STATE
 0005
 RURAL

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	
20200100	EARTH EXCAVATION	CU YD	690	690
25000210	SEEDING, CLASS 2A	ACRE	1.5	1.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	130	130
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	130	130
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	130	130
25100115	MULCH, METHOD 2	ACRE	0.5	0.5
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	4173	4173
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300	300
28000305	TEMPORARY DITCH CHECKS	FOOT	284	284
28000500	INLET AND PIPE PROTECTION	EACH	18	18
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1529	1529
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	11	11
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	17261	17261

* DENOTES SPECIALTY ITEM

MODEL: Default
 FILE NAME: P:\2023\11\05\77E-Bismarck_Road (P&E)\11_CADD - DWG\14.7 TransCAD_Sheets\0570B05-rtb-500.dgn



USER NAME = bbilhartz	DESIGNED - EKF	REVISED -
PLOT SCALE = 2.000 / in.	DRAWN - BAB	REVISED -
PLOT DATE = 12/12/2022	CHECKED - TBP	REVISED -
	DATE - 12/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
497A	K(RS-2)	VERMILION	111	3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70B05	

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CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	4487	4487
40600370	LONGITUDINAL JOINT SEALANT	FOOT	1544	1544
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	12	12
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	802	802
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	1072	1072
40600990	TEMPORARY RAMP	SQ YD	588	588
40603215	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FG, N50	TON	335	335
40604150	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N50	TON	695	695
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	9913	9913
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	585	585
42000060	WELDED WIRE REINFORCEMENT	SQ YD	38	38
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1635	1635
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	114	114



* DENOTES SPECIALTY ITEM

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USER NAME = bbillhartz
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 PLOT DATE = 12/12/2022

DESIGNED - EKF
 DRAWN - BAB
 CHECKED - TBP
 DATE - 12/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.S. RTE. 497A	SECTION K(RS-2)	COUNTY VERMILION	TOTAL SHEETS 111	SHEET NO. 4
CONTRACT NO. 70B05			ILLINOIS FED. AID PROJECT	

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MAINLINE PAVING SCHEDULE

LOCATION				40600290	40600295	40600370	40600990	40603215	40604150	X0300010	X1500002	X1500005	X4060205	Z0055300
				BITUMINOUS MATERIALS (TACK COAT) **	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	TEMPORARY RAMP *	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C" N50	BITUMINOUS MATERIALS (FOG SEAL)	BLOTTER AGGREGATE	BITUMINOUS SURFACE TREATMENT, A-2	COLD MIX ASPHALT MIXTURE	RUMBLE STRIP
STATION	TO	STATION	LT/RT	POUND	POUND	FOOT	SQ YD	TON	TON	POUND	TON	SQ YD	TON	EACH
BISMARCK ROAD														
7+98.98	TO	8+08.15	LT/RT				275.5							
7+98.98	TO	13+70.59	LT/RT	1357.7	1357.7	571.6		140.8	169.0					
10+75.00	TO	11+00.00	LT											1
12+75.00	TO	13+00.00	LT											1
14+00.00	TO	14+25.00	LT											1
13+70.59	TO	26+28.62	LT/RT	1383.8						1383.8	23.1	3075.2	311.4	
26+28.62	TO	27+28.62	LT/RT	165.0	165.0	100.0		17.11	20.5					
27+23.62	TO	27+28.62	LT/RT				12.2							
28+75.83	TO	28+80.83	LT/RT				12.2							
28+75.83	TO	30+95.61	LT/RT	362.6	362.6	219.8		37.61	45.1					
30+90.61	TO	30+95.61	LT/RT				12.2							
34+84.22	TO	35+84.22	LT/RT	165.0	165.0	100.0		17.11	20.5					
35+84.22	TO	135+60.67	LT/RT	10974.1						10974.1	182.9	24386.9	2469.2	
112+98.03	TO	136+00.67	RT	797.2	797.2				186.0					
122+24.78	TO	136+00.67	LT	456.8	456.8				106.6					
135+60.67	TO	136+60.67	LT/RT	202.4	202.4	100.0		21.0	25.2					
136+51.50	TO	136+60.67	LT/RT				40.9							
136+69.51	TO	136+78.68	LT/RT				40.9							
136+69.51	TO	139+91.02	LT/RT	650.2	650.2	321.5		67.4	80.9					
139+86.02	TO	139+91.02	LT/RT				14.4							
140+90.95	TO	141+00.12	LT/RT				40.9							
140+90.95	TO	142+21.99	LT/RT	330.4	330.4	131.0		34.3	41.1					
142+12.82	TO	142+21.99	LT/RT				116.3							
PAY TOTAL				17261	4487	1544	566	335	695	12358	206	27462	2781	3

* SEE SIDEROAD SCHEDULE FOR ADDITIONAL QUANTITY
 ** SEE ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

MODEL: Default
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TWM
 ENGINEERING
 GEOSPATIAL SERVICES

TWM, INC.
 WWW.TWM-INC.COM
 IL DESIGN FIRM
 LICENSE NO: 184-001220

USER NAME = bbillhartz	DESIGNED - EKF	REVISED -
	DRAWN - BAB	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.S. RTE. 497A	SECTION K(RS-2)	COUNTY VERMILION	TOTAL SHEETS 111	SHEET NO. 36
CONTRACT NO. 70B05				
ILLINOIS FED. AID PROJECT				