SUMMARY OF QUANTITIES

20200600 EXCAVATION AND GRADING EXISTING SHOUDLER LINIT 436 455 45			SUMMART OF QUANT			
20400800 PURNISHED EXCAVATION CU YD 634 63 25000200 SEEDING CLASS 2 ACRE 0.5 0.5 25000200 SEEDING CLASS 2 ACRE 0.5 0.5 25000400 NITROGEN FERTILIZER NUTRIENT POUND 36 36 25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND 36 36 25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND 36 36 25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND 36 36 25000500 POTASSIUM FERTILIZER NUTRIENT POUND 36 35 25100115 MULCH METHOD 2 ACRE 0.5 0.5 28000250 TEMPORARY EROSION CONTROL SEEDING POUND 40 40 400 40 28000400 FERIMETER EROSION BARRIER FOOT 1,729 1,72 40500370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,49 40500370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,49 40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,681 44060195 HOT-MIX ASPHALT SURFACE COURSE, IL−9.5, MIX "C" NS0 TON 6,681 6,81 44000196 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YD 57,432 57,4 48102100 AGGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,745 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,745 63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 405100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TRAGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1,31 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701325 L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701325 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING PLINE 4" PAINT FOOT 54,953 64,953 70300201 THERMORARY PAVEMENT MARKING - LINE 4" PAINT FOOT 54,953 64,953		CODE	PAY .TEM	UNIT		TOTAL QUANTITY
25000200 SEEDING CLASS 2 ACRE 0.5 0.5 25000400 NITROGEN FERTILIZER NUTRIENT POUND 36 36 25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND 36 36 25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND 36 36 25000500 POTASSIUM FERTILIZER NUTRIENT POUND 36 36 25100115 MULCH METHOD 2 ACRE 0.5 0.5 28000250 TEMPORARY EROSION CONTROL SEEDING POUND 40 40 400 40 40 28000400 PERIMETER EROSION BARRIER FOOT 1.729 1.72 40600370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,49 40600370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,49 40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,681 4060050 HOT−MIX ASPHALT SURFACE COURSE, IL−9.5, MIX "C" NS0 TON 6,681 6.86 44000156 HOT−MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YO 57,432 57,4 48102100 ACGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT−MIX ASPHALT SHOULDER, 10" SQ YO 10,745 10,745 46300003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 4 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1,31 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100460 TRAF		20200600	EXCAVATION AND GRADING EXISTING SHOUDLER	UNIT	456	456
25000400 NITROGEN FERTILIZER NUTRIENT POUND 36 36 36 36 36 36 36 36 36 36 36 36 36		20400800	FURNISHED EXCAVATION	CU YD	634	634
25000500		25000200	SEEDING CLASS 2	ACRE	0.5	0.5
25000600 POTASSIUM FERTILIZER NUTRIENT POUND 36 36 36 25100115 MULCH METHOD 2 ACRE 0.5 0.5 28000250 TEMPORARY EROSION CONTROL SEEDING POUND 40 40 28000400 PERIMETER EROSION BARRIER FOOT 1.729 1.72 40600370 LONGITUDINAL JOINT SEALANT FOOT 23.495 23.4 40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,681 40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 6.681 44000156 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 'C' N50 TON 6,681 6.681 44000156 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YD 57,432 57,4 48102100 AGGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,74 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 11,745 10,74 6 33000003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 6 6 3100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 6 5 3200310 GUARDRAIL REMOVAL FOOT 1,316 1,31 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 7 0100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	.36	36
25000600		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	36	36
25100115 MULCH METHOD 2 28000250 TEMPORARY EROSION CONTROL SEEDING POUND 40 40 28000250 TEMPORARY EROSION BARRIER FOOT 1,729 1,72 40600370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,4 40600370 LONGITUDINAL JOINT SEALANT FOOT 30,681 30,6 40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,6 40600290 HOT-MIX ASPHALT SURFACE COURSE, IL−9.5, MIX "C" NSO TON 6,681 6,68 44000156 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YO 57,432 57,4 48102100 AGGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YO 10,745 10,74 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YO 10,745 10,74 63300003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 63300167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPEDIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1.31 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701305 L SUM 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING FEMOVAL SQ FT 763 783 783 70300121 TEMPORARY PAVEMENT MARKING REMOVAL SQ FT 763 783 783 70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT FOOT 64,953 64,953 A 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT 64,952 64,953		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	36	
28000250 TEMPORARY EROSION CONTROL SEEDING POUND 40 40 28000400 PERIMETER EROSION BARRIER FOOT 1,729 1,72 40500370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,49 40500290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,61 405004050 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C" N50 TON 6,681 6,681 44000155 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YO 57,432 57,4 48102100 AGGRECATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,74 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,74 46300003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 463100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPEDIAL) TANGENT EACH 8 8 67100100 MOBILIZATION L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDA		25100115	MULCH METHOD 2	ACRE	0.5	
28000400 PERIMETER EROSION BARRIER FOOT 1,729 1,72 40500370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,4 40500290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,61 405004050 HOT—MIX ASPHALT SURFACE COURSE, IL—9.5, MIX "C" NSO TON 6,681 6,681 44000156 HOT—MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YD 57,432 57,4 48102100 AGGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT—MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,74 48203037 HOT—MIX ASPHALT SHOULDER, 10" SQ YD 11,745 10,74 △ 63100167 TRAFFIC BARRIER TERMINAL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 △ 63100167 TRAFFIC BARRIER TERMINAL, TYPE A 9 FOOT POSTS FOOT 1,316 1,31 67100100 MOBILIZATION L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING FEMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING REMOVAL SQ FT 783 783 △ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 3 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" FOOT 64,952 64,952		28000250	TEMPORARY EROSION CONTROL SEEDING			
40600370 LONGITUDINAL JOINT SEALANT FOOT 23,495 23,4 40600370 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,6 40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 30,681 30,6 40604050 HOT−MIX ASPHALT SURFACE COURSE, IL−9.5, MIX "C" NS0 TON 6,681 6,61 44000156 HOT−MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YO 57,432 57,4 48102100 AGGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT−MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,74 48203037 HOT−MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,74 463000003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 4 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1.31 57100100 MOBILIZATION L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING FEMOVAL SQ FT 783 783 70300121 TEMPORARY PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING REMOVAL SQ FT 783 783 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8		28000400				
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40504050 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C" N50 TON 6,681 6,681 44000156 HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4" SQ YD 57,432 57,4 48102100 AGGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,74 63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1,311 67100100 MOBILIZATION L SUM 1 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT FOOT 54,953 64,95						
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48102100 AGGREGATE SHOULDER WEDGE, TYPE B TON 740 740 48203037 HOT-MIX ASPHALT SHOULDER, 10° SQ YD 10,745 10,745 63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 4 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1.31 67100100 MOBILIZATION L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING REMOVAL SQ FT 783 783 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4° - PAINT FOOT 64,953 64,950 A 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4° FOOT 64,952 64,950				TON	6,681	6,681
48203037 HOT-MIX ASPHALT SHOULDER, 10" SQ YD 10,745 10,745 63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1.311 67100100 MOBILIZATION L SUM 1 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 1 70300100 SHORT TERM PAVEMENT MARKING FEMOVAL SQ FT 783 783 70300121 TEMPORARY PAVEMENT MARKING REMOVAL SQ FT 783 783 A 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 A 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" - PAINT FOOT 54,953 64,95		44000156	HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"	SQ YD	57,432	57,432
△ 63000003 STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS FOOT 1,100 1,100 △ 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1.31 67100100 MOBILIZATION L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING - LINE 4" — PAINT FOOT 64,953 64,95 △ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 △ 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" — FOOT 64,952 64,952		48102100	AGGREGATE SHOULDER WEDGE, TYPE B	TON	740	740
△ 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH 8 8 63200310 GUARDRAIL REMOVAL FOOT 1,316 1,31 67100100 MOBILIZATION L SUM 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,351 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT FOOT 54,953 64,95 △ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 △ 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" - FOOT 54,952 64,952		48203037	HOT-MIX ASPHALT SHOULDER, 10"	SQ YD	10,745	10,745
63200310 GUARDRAIL REMOVAL FOOT 1,316 1,31 67100100 MOBILIZATION L SUM 1 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT FOOT 54,953 64,95 Δ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 Δ 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT 54,952 64,95	Δ	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A 9 FOOT POSTS	F00T	1,100	1,100
67100100 MOBILIZATION L SUM 1 1 1 70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT FOOT 64,953 64,950 Δ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 A 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT 64,952 64,950	Δ	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	8	8
70100450 TRAFFIC CONTROL AND PROTECTION STANDARD 701201 L SUM 1 1 1 70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING - LINE 4" — PAINT FOOT 64,953 64,95 Δ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 Δ 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT 64,952 64,950		63200310	GUARDRAIL REMOVAL	FOOT	1,316	1,316
70100460 TRAFFIC CONTROL AND PROTECTION STANDARD 701306 L SUM 1 1 70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING — LINE 4" — PAINT FOOT 54,953 64,95 △ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 △ 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" FOOT 54,952 64,95		67100100	MOBILIZATION	L SUM	1	1
70100500 TRAFFIC CONTROL AND PROTECTION STANDARD 701326 L SUM 1 1 1 70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING — LINE 4" — PAINT FOOT 64,953 64,950 A 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 A 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" FOOT 64,952 64,950		70100450	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	L SUM	1	1
70300100 SHORT TERM PAVEMENT MARKING FOOT 2,350 2,350 70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING − LINE 4" − PAINT FOOT 64,953 64,950 △ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 △ 78000200 THERMOPLASTIC PAVEMENT MARKING − LINE 4" FOOT 64,952 64,950		70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	LSUM	1	1
70300150 SHORT TERM PAVEMENT MARKING REMOVAL SQ FT 783 783 70300221 TEMPORARY PAVEMENT MARKING — LINE 4" — PAINT FOOT 64,953 64,95 Δ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 Δ 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" FOOT 64,952 64,95		70100500	TRAFFIC CONTROL AND PROTECTION STANDARD 701326	LSUM	1	1
70300221 TEMPORARY PAVEMENT MARKING — LINE 4" — PAINT FOOT 54,953 64,95 A 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 A 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" FOOT 54,952 64,95		70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,350	2,350
Δ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 Δ 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" FOOT 64,952 64,95		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	783	783
△ 72501000 TERMINAL MARKER DIRECT APPLIED EACH 8 8 △ 78000200 THERMOPLASTIC PAVEMENT MARKING — LINE 4" FOOT 64,952 64,952		70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	64,953	64,953
7000000 ONOTO CONTROLLED TO THE TOTAL OF STATE O	Δ	72501000	TERMINAL MARKER DIRECT APPLIED	EACH	8	
	Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	54.952	64,952
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	#				21,651	500 21,651
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LR443200 STRIP REFLECTIVE CRACK CONTROL TREATMENT FOOT 45,590 45,59	!		STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	45,590	45,590
Section Milwerty Transfer	#					500
Z0034105 MATERIAL TRANSFER DEVICE TON 6,681 6,68		Z0034105	MAILKIAL TRANSFER DEVICE	TON	6,681	6,681
A SPECIALTY STEMS # 0042		A SPECTALTY	TEMS # 0042			

GENERAL NOTES

THE THICKNESS OF THE HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS, DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE HOT-MIX ASPHALT IS PLACED.

THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS TO ENSURE THAT THESE ITEMS ARE NOT DAMAGED DURING MILLING OR RECLAMATION OPERATIONS.

AN ESTIMATED 6700 TONS OF HOT-MIX ASPHALT MATERIAL WILL BE REMOVED FROM THIS PROJECT DURING MILLING OPERATIONS.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS: PAVING

ALL HOT-MIX ASPHALT
BITUMINOUS MATERIALS (TACK COAT)
BITUMINOUS MATERIALS (FOG COAT)
BITUMINOUS MATERIALS (PRIME COAT)

0.056 TONS/SQ.YD./INCH 0.05 POUNDS/SQ.FT. 0.025 POUNDS/SQ.FT. 0.25 POUNDS/SQ.FT.

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	STA. 177+38.51 — STA. 412+33.28	STA. 177+38.51 - STA. 405+33.43
MIXTURE USE(S):	SURFACE	SHOULDER
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% ♥ N50	4% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIX "C"	N/A
MIXTURE WEIGHT:	112 LB/SQ YD-INCH	112 LB/SQ YD-INCH
QUALITY MANAGEMENT PROGRAM:	QCP	QC/QA
MATERIAL TRANSFER DEVICE REQUIRED	YES	NO

1/ WHEN A NUMBER OF ROLLER PASSES IS SPECIFIED THE CONTRACTOR MAY OPT OUT TO USE INTELLIGENT COMPACTION IN LIEU OF DENSITY TESTING UNDER THE QUALITY CONTROL FOR PERFORMANCE (QCP) PROGRAM.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE LIFT HMA ALONG THE LONGITUDINAL CENTERLINE JOINT THROUGHOUT THE PROJECT LIMITS.

ALL DISTURBED EARTHWORK AREAS SHALL BE SEEDED IMMEDIATELY UPON COMPLETION OF EARTHWORK ACTIVITIES AT EACH LOCATION WITH TEMPORARY EROSION CONTROL SEEDING.

ALL EARTHWORK AREAS SHALL HAVE PERIMETER EROSION CONTROL BARRIER INSTALLED IMMEDIATELY UPON COMPLETING AT EACH LOCATION AS SHOWN IN THE PLANS.

HMA SURFACE COURSE OVERLAY SHALL BE PLACED OVER HOT-MIX ASPHALT SHOULDERS 10" CONCURRENTLY WITH THE MAINLINE OVERLAY AT THE CROSS SLOPES SHOWN IN THE PLANS.

KNOWN UTILITIES WITHIN PROJECT LIMITS:

NATURAL GAS & ELECTRIC TELEPHONE & CABLE TV NATURAL GAS WATER

ELECTRIC

AMEREN ILLINOIS
EGYPTIAN TELEPHONE
SUNCO ENERGY TRANSFER
WASHINGTON COUNTY WATER
TRI-COUNTY ELECTRIC

F.A.S ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
836	18-00094-00-RS	WASHINGTON	25	2
FEOERAL AID PROJECT		CONTRACT 97772		

APPLICABLE IDOT HIGHWAY STANDARDS 280001-07 701306-04 482001-02 701311-03 630001-12 701326-04 630301-09 701901-08 701001-02 725001-01 701006-05 780001-05

701011-04

701201-05

701301-04

COMMITMENTS
NONE

782006-01

A Revised 6/1/22