

ESTIMATE REFERENCE INFORMATION

2023 SEAL COAT

No. 1	ITEM CODE	ITEM DESCRIPTION
1	2307-PerEstRef	AGGREGATE, COVER (PLACE ONLY)
		SEE PROJECT LOCATION MAP FOR LOCATION OF COUNTY SUPPLIED AGGREGATE PILE. AGGREGATE IS CRUSHED QUARTZITE CHIPS. CONTRACTOR TO PLACE ONLY. AGGREGATE TARGET RATES HAVE BEEN USED FOR ALLOCATIONS SPECIFIC TO ROADWAY SEGMENTS AS FOUND ON SHEET 2 TABULATION. PAYMENT SHALL BE FOR PLACEMENT ONLY AND SHALL BE PAID FOR BY THE SQUARE YARD. HAUL TRUCKS FOR THIS PROJECT SHALL BE WEIGHED A MINIMUM OF TWICE DAILY (ONCE AT THE START OF THE DAYS RUN AND ONCE AT THE DISCRETION OF THE ON SITE INSPECTOR) AT THE NEAREST ELEVATOR SCALE AND WEIGHT TICKETS GENERATED SHALL BE USED FOR AGGREGATE SPREADING RATE VALIDATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO BE IN COMPLIANCE OF SPREADING RATES AS MENTIONED IN THE GENERAL NOTES ON SHEET 2. THE COUNTY PROVIDED INSPECTOR WILL BE FOR COUNTY VERIFICATION PURPOSES ONLY AND NOT FOR CONTRACTOR DIRECTION. SPREADING RATES NOT IN COMPLIANCE WITH THE RATES MENTIONED IN THE GENERAL NOTES ON SHEET 2 WILL BE SUBJECT TO ADDITIONAL HAUL TRUCK WEIGHING AND/OR POSSIBLE PRICE ADJUSTMENT PRIOR TO FINAL PAYMENT.
		PRIOR TO PLACEMENT OF ANY SEAL COAT MATERIALS, THE CONTRACTOR SHALL CLEAN AND PREPARE THE EXISTING ROADWAY SURFACE AND REMOVE LOOSE PARTICLES NOT ADEQUATE FOR PLACEMENT OF SEAL COATING. CLEANING SHALL BE ACCOMPLISHED BY USE OF HAND TOOLS AND BY USE OF COMPRESSED AIR. IN ADDITION TO SURFACE CLEANING, SURFACE CRACKS IN THE ROADWAY SHALL BE CLEANED AND CLEARED OF FOREIGN DEBRIS. INSTALLATION OF SEAL COAT MATERIALS ON THE ROADWAY SURFACE SHALL NOT TAKE PLACE PRIOR TO SURFACE CLEANING FOR THAT SEGMENT OF ROADWAY. SURFACE CLEANING AND SEAL COAT INSTALLATION SHALL INCLUDE RADIUS LOCATIONS AT INTERSECTIONS. UPON COMPLETION OF SEAL COAT PROCESSES, OSCEOLA COUNTY SHALL PROVIDE SWEEPING NECESSARY TO REMOVE LOOSE AGGREGATE PARTICLES AND THIS WORK SHALL NOT BE A PORTION OF THE CONTRACTOR'S WORK OR RESPONSIBILITY.
2	2307-0600451	BINDER BITUMEN, CSR-2P
		INCLUDES FURNISHING AND INSTALLING BINDER BITUMEN IS CALCULATED AND SHALL BE APPLIED AT THE RATES MENTIONED IN THE GENERAL NOTES ON SHEET 2.
3	2528-8445110	TRAFFIC CONTROL
		INCLUDES ERECTING, MAINTAINING AND REMOVAL OF ALL PROJECT TRAFFIC CONTROL DEVICES AND ANY DETOUR DEVICES OR TRAFFIC REROUTING NECESSARY FOR COMPLETION OF WORK. TRAFFIC SHALL BE DIRECTED THROUGH RESTRICTED PORTIONS OF THE PROJECT USING PILOT CARS. CONTRACTOR SHALL FURNISH PILOT CARS AND ALL NECESSARY APPARATUS FOR USE THEREOF. ITEM ALSO INCLUDES FLAGGERS AND FLAGGING EQUIPMENT TO BE SUPPLIED AND PLACED BY THE CONTRACTOR FOR NECESSARY SAFE PASSAGE OF THE TRAVELING PUBLIC. AT A MINIMUM, STATION ONE FLAGGER IMMEDIATELY AHEAD OF THE APPLICATION OF THE BITUMEN, ONE IMMEDIATELY BEHIND THE BITUMEN AND ONE IMMEDIATELY BEHIND THE SECTION BEING ROLLED.
4	2533-4980005	MOBILIZATION

TABULATION OF SEAL COAT LOCATIONS BY ALIGNMENT NAME

Alignment	Alignment/Segment Location	Miles	Length/ft	Roadway Width /ft	Area in SY	Remarks	Binder per Segment (Gal)	3/8" Agg. Per Segment (Ton)
L-58	E side sec. 23,14,11 Baker	2.98	15,754.70	24	42,012.53	3/8" Single Coat	12,603.76	525.16
L-58	E side sec. 2 Baker & E side sec. 35,26,23,14 Ocheyedon	5.01	26,466.30	22	64,695.40	3/8" Single Coat	19,408.62	808.69

Project Quantities

2023 Seal Coat

Line No.	ITEM CODE.	ITEM DESCRIPTION	UNITS	TOTAL
1	2307-PerEstRef	AGGREGATE, COVER (PLACE ONLY)	SY	106,707.93
2	2307-0600456	BINDER BITUMEN CRS-2P	GAL	32,012.38
3	2528-8445110	TRAFIC CONTROL	LS	1
4	2533-4980005	MOBILIZATION	LS	1

General Notes

Osceola County has approximately 3800 tons of aggregate stockpiled at our Thomas pit location shown on the project location map on sheet 1 that can be utilized for this project.

The application process considered normal for these plans will be a single coat application using 3/8" aggregate from a nearby stockpile.

The contractor is responsible for supplying the Binder Bitumen (CRS-2P) and all equipment, labor, transportation, traffic control devices and any and all other processes necessary for complete installation of the seal coat materials. All seal coat materials shall be installed in full compliance with the project plans and specifications. The contractor shall notify the Engineer of any and all circumstances of installation where the product installation quality is below normal levels.

Sheet 1 of these plans contains a tabulation of county bridges with information as to county bride number and also alignment designation. The project location map also shows these bridge locations graphically. The seal coat application shall be placed up to or adjacent to the concrete bridge decks but shall not include the bridge decks for any and all bridges within the limits of this project.

Prior to placement of any seal coat materials, the contractor shall clean and prepare the existing roadway surface and remove loose particles not adequate for placement of seal coating. Cleaning shall be accomplished by use of hand tools and use of compressed air. In addition to surface cleaning , surface cracks in the roadway shall be cleaned and cleared of foreign debris. Installation of seal coat materials on the roadway surface shall not take place prior to surface cleaning for that segment of roadway. Surface cleaning and seal coat installation shall include radius locations at intersections.

Normal single coat application seal coat using 3/8" aggregate shall be installed with Binder Bitumen (CRS-2P) target rate at 0.30 gallons per square yard. Application rate adjustments may be required dependent upon actual field results during treatment, however, adjustments shall be kept to a minimum. Aggregate application rate for the 3/8" aggregate shall be a target rate of 25 pounds per square yard with and application tolerance of plus or minus 1 pound per square yard resulting in a range of 24-26 pound per square yard.

Upon completion of the seal coat process, Osceola County shall provide sweeping necessary to remove loose aggregate particles and this work shall not be a portion of the contractor's work or responsibility.