

FAQs

What is an Overlay?

An “Overlay”, generally speaking is the placement of 1.5 to 3 inches of asphalt over existing pavement that has been repaired and prepped. Cracks and failed areas should be removed and replace to the existing surface level prior to overlay placement.

Why an Overlay?

Periodic, programmatic overlay applications prolong the life of the roadway surface at a significant cost savings rather than allowing the roadway to the point of full failure.

What does it cost for an Overlay?

Current market conditions place Overlay preparation and placement by a licensed contractor at ≈ \$60 / Square Yard for the project. Administrative (Engineering, construction management, etc.) costs add ≈ 15% onto the construction costs.

What’s in an Overlay Project?

Design (2-4 months):

Prepare plans & bid specifications detailing out the project requirements, limits & bid items.

Bid (2 months):

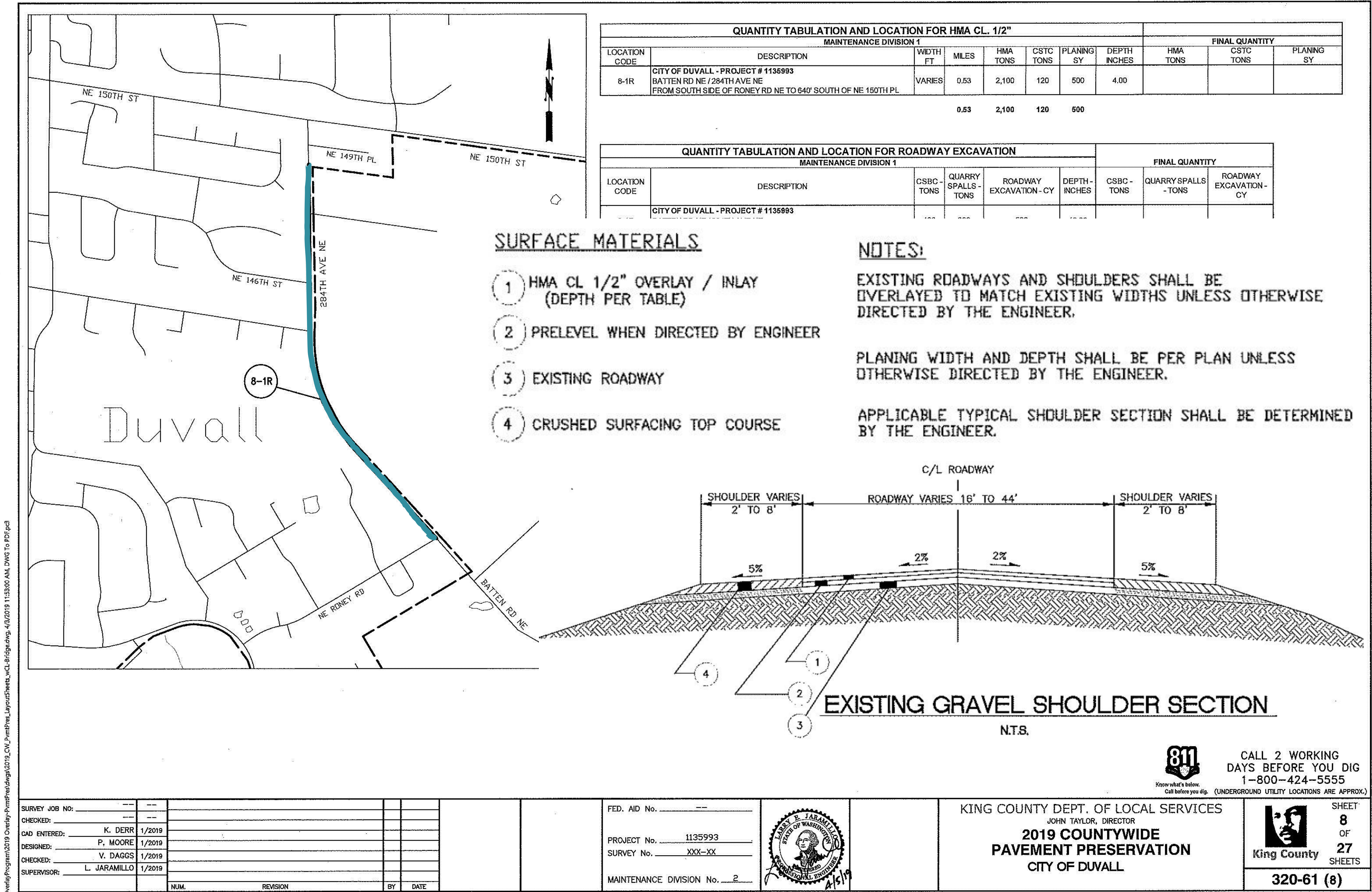
Prepares documents where contractors can view which have enough detail to “bid” the work

Award (1 month):

Review results & checks bid legitimacy to present to City Council for project award.

Construction (1-2 months):

After City Council decides to move forward work begins & staff manages the work.



Current Example of what a Overlay Bid looks like :

2019 City of Duvall Pavement Preservation
Engineer's Estimate with ICON's Unit Pricing (05/21/19)

				DUVALL (Reimbursable Project#1135393)	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT PRICE	QTY	\$
PREPARATION					
1	MOBILIZATION - KING COUNTY	L.S.	\$ 178,400.00		\$ -
2	MOBILIZATION - LAKE FOREST PARK	L.S.	\$ 22,200.00		\$ -
3	MOBILIZATION - KING COUNTY WASTEWATER	L.S.	\$ 24,250.00		\$ -
4	MOBILIZATION - DUVALL	L.S.	\$ 27,000.00	1.0	\$ 27,000.00
5	MOBILIZATION - NORMANDY PARK	L.S.	\$ 20,000.00		\$ -
6	MOBILIZATION - MAPLE VALLEY	L.S.	\$ 17,500.00		\$ -
7	REMOVING PLASTIC TRAFFIC MARKINGS AND RAISED PAVEMENT MARKERS	L.S.	\$ 4,500.00		\$ -
8	MOUNTABLE CURB	L.S.	\$ 12,500.00		\$ -
9	REMOVING ASPHALT CONC. PAVEMENT	S.Y.	\$ 22.50		\$ -
GRADING					
10	ROADWAY EXCAVATION INCL. HAUL	C.Y.	\$ 91.00	500	\$ 45,500.00
11	PAVEMENT REPAIR EXCAVATION INCL. HAUL	S.Y.	\$ 4.50		\$ -
12	SHOULDER PREPARATION	L.F.	\$ 1.50	2,500	\$ 3,750.00
13	CONSTRUCTION GEOTEXTILE FOR SEPERATION	S.Y.	\$ 1.50	1,500	\$ 2,250.00
DRAINAGE					
14	QUARRY SPALLS	TON	\$ 33.00	390	\$ 12,870.00
SURFACING					
15	CRUSHED SURFACING BASE COURSE	TON	\$ 35.00	480	\$ 16,800.00
16	CRUSHED SURFACING TOP COURSE	TON	\$ 53.00	120	\$ 6,360.00
HOT MIX ASPHALT					
17	PLANING BITUMINOUS PAVEMENT	S.Y.	\$ 5.00	500	\$ 2,500.00
18	PULVERIZING	S.Y.	\$ 2.70	8,000	\$ 21,600.00
19	HMA FOR PRELEVELING CL. 1/2 IN. PG 58H-22	TON	\$ 100.00		\$ -
20	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22	TON	\$ 102.00		\$ -
21	HMA CL. 1/2 IN. PG 58H-22	TON	\$ 95.00	2,100	\$ 199,500.00
22	HMA CL. 1/2 IN. PG 58H-22 NIGHT PAVING	TON	\$ 89.00		\$ -
23	JOB MIX COMPLIANCE PRICE ADJUSTMENT	CALC.	\$ 1.00	6,000	\$ 6,000.00
24	COMPACTION PRICE ADJUSTMENT	CALC.	\$ 1.00	4,000	\$ 4,000.00
25	ASPHALT PRICE ADJUSTMENT	CALC.	\$ 1.00	6,200	\$ 6,200.00
26	COMMERCIAL HMA	TON	\$ 280.00		\$ -
EROSION CONTROL AND ROADSIDE PLANTING					
27	EROSION / WATER POLLUTION CONTROL	EST.	\$ 1.00	5,000	\$ 5,000.00
28	SITE RESTORATION	EST.	\$ 1.00		\$ -
TRAFFIC					
29	CEMENT CONC. TRAFFIC CURB AND GUTTER	L.F.	\$ 57.00		\$ -
30	CEMENT CONC. PEDESTRIAN CURB	L.F.	\$ 21.00		\$ -
31	PRECAST SLOPED MOUNTABLE CURB	L.F.	\$ 106.00		\$ -
32	PLASTIC CROSSWALK LINE	S.F.	\$ 16.00		\$ -
33	PLASTIC STOP LINE	L.F.	\$ 24.50		\$ -
34	PLASTIC TRAFFIC ARROW	EACH	\$ 308.00		\$ -
35	PLASTIC TRAFFIC LETTER	EACH	\$ 191.00		\$ -
36	RAISED PAVEMENT MARKER TYPE 1W	HUND	\$ 825.00		\$ -
37	RAISED PAVEMENT MARKER TYPE 1Y	HUND	\$ 950.00		\$ -
38	RAISED PAVEMENT MARKER TYPE 2W	HUND	\$ 950.00		\$ -
39	RAISED PAVEMENT MARKER TYPE 2YY	HUND	\$ 950.00		\$ -
40	PORTABLE CHANGEABLE MESSAGE SIGN	HR	\$ 4.00	1,152	\$ 4,608.00
41	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	\$ 315,500.00	0.06	\$ 18,930.00
42	UNIFORMED POLICE OFFICER	HR	\$ 85.00		\$ -
43	INDUCTANCE SIGNAL DETECTOR LOOP	EACH	\$ 900.00		\$ -
44	TRAFFIC SIGNAL MODIFICATION - S. 96TH ST	L.S.	\$ 51,000.00		\$ -
45	TRAFFIC SIGNAL MODIFICATION - PEDESTRIAN SIGNAL	L.S.	\$ 6,400.00		\$ -
OTHER ITEMS					
46	ADA FEATURES SURVEYING	L.S.	\$ 9,000.00		\$ -
47	CEMENT CONC. SIDEWALK	S.Y.	\$ 54.00		\$ -
48	CEMENT CONC. CURB RAMP PERPENDICULAR TYPE A	EACH	\$ 2,580.00		\$ -
49	CEMENT CONC. CURB RAMP PARALLEL TYPE A	EACH	\$ 2,580.00		\$ -
50	CEMENT CONC. CURB RAMP SINGLE DIRECTION	EACH	\$ 2,580.00		\$ -
51	DETECTABLE WARNING SURFACE	S.F.	\$ 170.00		\$ -
52	REMOVE AND RESET MAILBOX	EACH	\$ 161.00		\$ -
53	ADJUST JUNCTION BOX	EACH	\$ 540.00		\$ -
54	ADJUST MANHOLE	EACH	\$ 745.00	8	\$ 5,960.00
55	ADJUST WATER VALVE	EACH	\$ 640.00	12	\$ 7,680.00
56	ADJUST CATCH BASIN	EACH	\$ 745.00	2	\$ 1,490.00
57	MINOR CHANGE	CALC.	\$ 1.00	10,000.00	\$ 10,000.00
58	SPCC PLAN	L.S.	\$ 1,500.00	0.10	\$ 150.00

Estimated Contract Amount	\$ 408,148.00
King County Charges through 4/30/19	\$ 3,965.25
King County charges (CM, Materials, Traffic Markings, etc.) estimated at 15%	\$ 61,222.20
Total Estimated Project Costs	\$ 473,335.45
≈ \$60 / square yard (w/out Admin)	