

ESTIMATED COSTS PER MILE

(REVISED JULY 2018)

THIS SHEET IS INTENDED TO AID PLANNERS IN OBTAINING A ROUGH ESTIMATE FOR PROJECTS IN EARLY PLANNING PHASES.
THE FIGURES ARE AVERAGES FOR THE PAST 3 YEARS AND SHOULD BE ADJUSTED IF YOUR JOB IS OUTSIDE THE ORDINARY SCHEME OF WORK.

CALL ESSIE WHITMORE AT 501-569-2541 FOR ASSISTANCE.

NOTE: CHECK THE LABEL ON THE FIGURE YOU ARE USING. SOME ARE "PER LANE MILE."

NEW ROADS (TURNKEY PROJECTS ON NEW LOCATION WITH "AVERAGE" DRAINAGE WITHOUT BRIDGE QUANTITIES) PER MILE				
ROAD TYPE	URBAN	RURAL-MOUNTAINS	RURAL-OTHER	
4 LANE FREEWAY	\$ 9,700,000	\$ 11,450,000	\$ 7,500,000	
1 LANE RAMP	N/A	N/A	\$ 3,600,000	
5 LANE	\$ 7,100,000	\$ 6,500,000	\$ 5,600,000	
4 LANE	\$ 6,000,000	N/A	N/A	
4 LANE DIVIDED	\$ 7,000,000	\$ 7,500,000	\$ 5,700,000	
4 LANE ARTERIAL*	N/A	N/A	\$ 12,000,000	
2 LANE ARTERIAL	\$ 3,400,000	\$ 3,200,000	\$ 3,000,000	
2 LANE COLLECTOR	\$ 2,500,000	\$ 2,500,000	\$ 2,400,000	
* IN A FLOODPLAIN WITH BORROW DITCHES				
APPROACHES FOR STRS. & APPRS. PROJECTS (WITHOUT BRIDGE QUANTITIES) PER MILE				
ROAD TYPE	URBAN	RURAL-MOUNTAINS	RURAL-OTHER	
NEW 2 LANE ARTERIAL	\$ 7,500,000	\$ 6,400,000	\$ 5,900,000	
NEW 2 LANE COLLECTOR	N/A	\$ 5,700,000	\$ 4,900,000	
ROAD TYPE	URBAN	RURAL		
2 LANES TO 4 LANES	\$8,500,000	N/A		
2 LANES TO 5 LANES	\$8,700,000	\$ 6,400,000		
3R WIDENING (2 LANES)	\$2,700,000	\$ 2,000,000		
DETOUR	N/A	\$ 500,000		
BRIDGES AND BOX CULVERTS (DOES NOT INCLUDE APPROACH ROADS. USE SQ. FT. OF FINAL STRUCTURE.)				
NEW BRIDGE	\$ 147 PER SQ. FT. DECK AREA (CONTACT BRIDGE DIVISION IN SEISMIC AREAS)			
WIDEN EXISTING BRIDGE	\$ 190 PER SQ. FT. OF NEW DECK AREA (OLD DECK RETAINED)			
REMOVAL OF BRIDGE	\$ 15 PER SQ. FT. DECK AREA			
BOX CULVERT	\$ 87 PER SQ. FT. BOX TOP AREA			
DETOUR BRIDGES	\$ 128 PER SQ. FT. (MORE IN SEISMIC AREAS)			
HYDRODEMOLITION	\$ 45 PER SQ. FT. DECK AREA			
POLYMER OVERLAY	\$ 7 PER SQ. FT. DECK AREA			
WIDENING EXISTING ROADWAY				
ROAD TYPE	URBAN	RURAL		
2 LANES TO 3 LANES	\$ 3,300,000 PER MILE	\$ 2,400,000 PER MILE		
2 LANES TO 4 LANES	\$ 4,900,000 PER MILE	\$ 3,800,000 PER MILE		
2 LANES TO 4 LANES DIVIDED*	\$ 5,000,000 PER MILE	\$ 4,500,000 PER MILE		
2 LANES TO 5 LANES	\$ 5,200,000 PER MILE	\$ 4,300,000 PER MILE		
2 LANES TO 5 LANES**	N/A PER MILE	\$ 9,500,000 PER MILE		
3 LANES TO 5 LANES	\$ 5,000,000 PER MILE	\$ 3,800,000 PER MILE		
4 LANES TO 5 LANES	\$ 3,200,000 PER MILE	N/A		
3R WIDENING (2 LANES)	\$ 1,800,000 PER MILE	\$ 1,300,000 PER MILE		
1 ADD'L. INTERSTATE LANE IN EACH DIRECTION W/ MEDIAN WALL	\$ 5,700,000 PER MILE			
1 ADDITIONAL INTERSTATE AUXILIARY LANE (ONE DIRECTION ONLY)		\$ 1,900,000 PER MILE		
* 4 LANE DIVIDED HWY. USING EXISTING LANES AS TWO OF THE LANES		** IN A FLOODPLAIN WITH BORROW DITCHES EXISTING		
RECONSTRUCTION (NEW DRAINAGE, BASE, SURFACING, MINOR WIDENING)				
ROAD TYPE	URBAN	RURAL		
NON-FREEWAY	\$ 1,800,000 PER LANE MILE	\$ 1,600,000 PER LANE MILE		
FREEWAY (BOND ISSUE JOBS)	\$ 1,600,000 PER LANE MILE (RUBBLIZE & OVERLAY - NO BRIDGES)			
	\$ 2,500,000 PER LANE MILE (FULL DEPTH RECONSTRUCTION - NO BRIDGES)			
	\$ 250,000 PER LANE MILE (2" OVERLAY - NO BRIDGES)			
	\$ 170,000 PER LANE MILE (2" INLAY - NO BRIDGES)			
	\$ 390,000 PER LANE MILE (2" INLAY & 2" OVERLAY (4" ACHM TOTAL) - NO BRIDGES)			
	\$ 1,300,000 PER LANE MILE (CONCRETE OVERLAY - NO BRIDGES)			
FREEWAY PATCHING & REHABILITATION (FULL DEPTH PATCHING, MINOR DRAINAGE & BASE REPAIRS, SHOULDER REPAIR, CLEAN & FILL JOINTS, ETC.)				
	\$ 210,000 PER LANE MILE			
PAVEMENT FRICTION PROJECTS				
	\$ 150,000 PER LANE MILE			
SLIDE REPAIRS				
ROCK BUTTRESS	\$ 8,100,000 PER MILE			
SOIL NAIL WALL	\$ 5,000,000 PER MILE			
DRILLED RAIL WALL	\$ 8,000,000 PER MILE			
OVERLAYS (11 - 12 FOOT LANES, AVERAGE ACHM DEPTH = 2")				
ROAD TYPE	PG 64-22	PG 70-22	PG 76-22	
ACHM OVERLAYS (PER LANE MILE)	\$110,000	\$111,000	\$116,000	
COLD MILLING (ADD TO OVERLAY) (PER LANE MILE)	\$25,000			
ASPHALT SURFACE TREATMENT (PER LANE MILE)	\$14,000	SINGLE	DOUBLE	
ULTRATHIN BONDED WEARING COURSE (5/8") (PER LANE MILE)	\$65,000			
HIGH FRICTION SURFACE TREATMENT (PER LANE MILE)	\$190,000			
FOG SEAL (PER LANE MILE)	\$15,000			
MICROSURFACING (PER LANE MILE)	\$40,000			
PHASE WORK BREAKOUTS (USE WHEN PROJECTS WILL BE DONE IN PHASES OR PARTS OF A PROJECT ARE COMPLETE AND ADDITIONAL WORK IS BEING PROGRAMMED: PAVE GRAVEL ROAD, PLACE BASE & SURFACING, ETC.)				
GRADING AND DRAINAGE (NO STRUCTURES, BASE OR SURFACING - NEW LOCATIONS)				
ROAD TYPE	MOUNTAINOUS AREAS	OTHER AREAS		
FREEWAY & PRIMARY	\$ 1,700,000 PER LANE MILE	\$ 1,200,000 PER LANE MILE		
OTHER ROADS	\$ 1,100,000 PER LANE MILE	\$ 1,000,000 PER LANE MILE		
SURFACING (INCLUDES BASE & SHOULDERS ON NEW LOCATION. INCLUDES BASE PREPARATION, DRAINAGE & MINOR WIDENING ON EXISTING GRAVEL ROADS)				
ROAD TYPE	PG 64-22	PG 70-22 & PG 76-22 & CONCRETE LANES		
FREEWAY & PRIMARY	\$ 850,000 PER LANE MILE	\$ 1,200,000 PER LANE MILE		
OTHER ROADS	\$ 700,000 PER LANE MILE	DOUBLE A.S.T.		
		\$ 600,000 PER LANE MILE		
CABLE BARRIER PROJECTS				
	\$ 210,000 PER MILE			
SIGNALS				
	\$ 190,000 PER INTERSECTION			
SHOULDER WIDENING (ADDING SHOULDERS IN BOTH DIRECTIONS)				
2' SHOULDER	\$ 83,000 PER MILE			
4' SHOULDER	\$ 113,000 PER MILE			
SIGNALS WITH RADIUS IMPROVEMENTS				
	\$ 300,000 PER INTERSECTION			
SIGNALS WITH ADDED CAPACITY IMPROVEMENTS				
	\$ 1,200,000 PER INTERSECTION			
WIDENING FOR GUARDRAIL (SAFETY IMPROVEMENTS ONLY)				
	\$ 90 PER LIN. FT.			
GUARDRAIL REPLACEMENT (SAFETY IMPROVEMENTS ONLY)				
LENGTH INCLUDES TERMINALS AND THRIE BEAMS	\$ 60 PER LIN. FT.			
ROUNDABOUTS				
	\$ 1,400,000 PER LANE ON MAJOR MOVEMENT			
BIKE LANES (4' NORMAL)				
	\$ 265,000 PER MILE			
INTERCHANGES (DIAMOND LAYOUT)				
	ADDED TO EXISTING \$ 10,700,000 EACH			
	NEW ROUTE \$ 6,600,000 EACH			
SHORING (AREA OF EXPOSED FACE)				
	\$ 60 PER SQ. FT.			