

COUNTY OF VENTURA
PUBLIC WORKS AGENCY

SUBDIVISION IMPROVEMENTS
ESTIMATE OF COSTS

Project Title _____ Engineer _____
Location _____ Date _____

STREET IMPROVEMENTS

| Item No. | Item | Quantity | Unit | Unit Cost | Item Cost |
|----------|--|----------|---------|-----------|-----------|
| 1 | Finish Grade and Prime Coat | | sq. ft. | | |
| 2 | 9" Aggreg. Sub Base* | | sq. ft. | | |
| 3 | 6" Aggreg. Rock Base* | | sq. ft. | | |
| 4 | 3" Asphalt Concrete* | | sq. ft. | | |
| 5 | Fog Seal Coat | | sq. ft. | | |
| 6 | Cross Gutter & Apron 7" Thick | | sq. ft. | | |
| 7 | Concrete Sidewalk 4" Thick | | sq. ft. | | |
| 8 | Concrete Driveway res' 1 6" Thick | | sq. ft. | | |
| 9 | Concrete Driveway com' 1 7" Thick | | sq. ft. | | |
| 10 | Air Blown Mortar 3" Thick | | sq. ft. | | |
| 11 | Concrete Curb Only | | ln. ft. | | |
| 12 | Concrete Curb and Gutter | | ln. ft. | | |
| 13 | Asphalt Concrete Berm | | ln. ft. | | |
| 14 | Concrete Cut-Off Wall | | ln. ft. | | |
| 15 | Barricades (complete) | | ln. ft. | | |
| 16 | Street Name Signs | | each | | |
| 17 | Traffic Signs | | each | | |
| 18 | Block Garden Wall (add \$3.10 for | | | | |
| 18a | each additional ft. retention) | | ln. ft. | | |
| 19 | Chain Link Fence | | ln. ft. | | |
| 20 | Redwood Header | | ln. ft. | | |
| 21 | Parkway Trees | | each | | |
| 22 | Saw Cutting | | ln. ft. | | |
| 23 | Landscaping & Irrigation Complete | | sq. ft. | | |
| 24 | Handicap Ramps | | each | | |
| 25 | Residential Street Lights | | each | | |
| 26 | Street Lighting (Std in place) | | each | | |
| | Commercial & Industrial | | | | |
| 27 | Reflect. Pavement Markers-Type B&D | | each | | |
| 28 | Pavement Markers Type A | | each | | |
| 29 | Traffic Striping - Removal (Single Stripe) | | ln. ft. | | |
| 30 | Traffic Striping - Double Solid | | ln. ft. | | |
| 31 | Traffic Striping - Single Solid | | ln. ft. | | |
| 32 | Traffic Striping - Single Skip | | ln. ft. | | |

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|---|----------------------|--------------------------|--|
| <p>*FOR PRELIMINARY ESTIMATE ONLY FINAL DESIGN WILL DETERMINE ACTUAL THICKNESS.</p> | Summary: | Street Improvements | |
| | | Removal and Adjustments | |
| | | Drainage Improvements | |
| | | Sub Total | |
| | | Add 10% | |
| | | TOTAL PERFORMANCE | |
| | | TOTAL MONUMENTS | |
| | TOTAL GRADING | | |

SUBDIVISION IMPROVEMENTS
ESTIMATE OF COSTS

Project Title _____
Location _____

Engineer _____
Date _____

REMOVAL AND ADJUSTMENTS

| Item No. | Item | Quantity | Unit | Unit Cost | Item Cost |
|----------|---|----------|---------|-----------|-----------|
| 1 | Concrete | | cu. yd. | | |
| 2 | Asphalt | | sq. ft. | | |
| 3 | Concrete Sidewalk, Driveway, Cross Gutter, Spandrel | | sq. ft. | | |
| 4 | Curb and Gutter | | ln. ft. | | |
| 5 | Storm Drain Pipe 15" - 42" | | ln. ft. | | |
| 6 | Storm Drain Pipe 42" | | ln. ft. | | |
| 7 | Adjust Manhole to Grade | | each | | |
| 8 | Adjust Water Valve Box to Grade | | each | | |
| 9 | Adjust Survey Monument to Grade | | each | | |
| 10 | Relocate Power Poles | | L.S. | | |
| 11 | Tree Removals | | L.S. | | |
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TOTAL REMOVAL AND ADJUSTMENTS

SUBDIVISION IMPROVEMENTS
ESTIMATE OF COSTS

Project Title _____
Location _____

Engineer _____
Date _____

DRAINAGE IMPROVEMENTS

| Item No. | Item | Quantity | Unit | Unit Cost | Item Cost |
|----------|------|----------|------|-----------|-----------|
|----------|------|----------|------|-----------|-----------|

Storm Drain Pipe (in place including earthwork) Round Pipe Cost
CMP

| | | | | | |
|---|-----|--|---------|--|--|
| 1 | 18" | | In. ft. | | |
| 2 | 21" | | In. ft. | | |
| 3 | 24" | | In. ft. | | |
| 4 | 30" | | In. ft. | | |
| 5 | 36" | | In. ft. | | |
| 6 | 42" | | In. ft. | | |
| 7 | 48" | | In. ft. | | |
| 8 | 60" | | In. ft. | | |
| 9 | 72" | | In. ft. | | |

CMPA

| | | | | | |
|----|---------------------------------|--|---------|--|--|
| 10 | 18" (22" X 13" - \$3/LF extra) | | In. ft. | | |
| 11 | 21" (25" x 16" - \$3/LF extra) | | In. ft. | | |
| 12 | 24" (29" x 18" - \$4/LF extra) | | In. ft. | | |
| 13 | 30" (36" x 22" - \$7/LF extra) | | In. ft. | | |
| 14 | 36" (43" x 27" - \$8/LF extra) | | In. ft. | | |
| 15 | 42" (50" x 30" - \$10/LF extra) | | In. ft. | | |
| 16 | 48" (58" x 36" - \$13/LF extra) | | In. ft. | | |
| 14 | 60" (72" x 44" - \$15/LF extra) | | In. ft. | | |
| 18 | 72" (83" x 57" - \$18/LF extra) | | In. ft. | | |

RCP

| | | | | | |
|----|---------------------------------|--|---------|--|--|
| 19 | 18" (22" x 13" - \$3/LF extra) | | In. ft. | | |
| 20 | 21" (25" x 16" - \$3/LF extra) | | In. ft. | | |
| 21 | 24" (29" x 18" - \$4/LF extra) | | In. ft. | | |
| 22 | 30" (36" X 22" - \$7/LF extra) | | In. ft. | | |
| 23 | 36" (43" x 27" - \$8/LF extra) | | In. ft. | | |
| 24 | 42" (50" x 30" - \$10/LF extra) | | In. ft. | | |
| 25 | 48" (58" x 36" - \$13/LF extra) | | In. ft. | | |
| 26 | 60" (72" x 44" - \$15/LF extra) | | In. ft. | | |
| 27 | 72" (83" x 57" - \$18/LF extra) | | In. ft. | | |

TOTAL DRAINAGE

| | | | | | |
|----|--|--|---------|--|--|
| 28 | Class "A" Reinforced Concrete More than 100 cy | | cu. yd. | | |
| 29 | Class "A" Reinforced Concrete less than 100 cy | | cu. yd. | | |
| 30 | Rip Rap (Placed - UngROUTed) | | cu. yd. | | |
| 31 | Rip Rap (Placed - Grouted) | | cu. yd. | | |
| 32 | Rip Rap (Sacked) | | cu. yd. | | |
| 33 | APWA Catch Basin 300-0 W - 3.5' | | each | | |
| 34 | APWA Catch Basin 301-0 W - 7.0' | | each | | |
| 35 | APWA Catch Basin 302-0 W - 3.5' | | each | | |
| 36 | APWA Catch Basin 303-0 W - 3.5' | | each | | |
| 37 | APWA Catch Basin 304-0 W - 3.5' | | each | | |
| 38 | APWA Catch Basin 305-0 W - 3.5' | | each | | |
| 39 | For each foot of inlet length added or subtracted | | ln. ft. | | |
| 40 | Terraced, interceptor or down drains | | ln. ft. | | |
| 41 | Junction Structures | | each | | |
| 42 | Manholes | | each | | |
| 43 | Headwalls | | L.S. | | |

TOTAL DRAINAGE

SUBDIVISION IMPROVEMENTS
ESTIMATE OF COSTS

Project Title _____
Location _____

Engineer _____
Date _____

MOUNUMENTS

| Item No. | Item | Quantity | Unit | Unit Cost | Item Cost |
|----------|----------------------------|----------|------|-----------|-----------|
| 1 | County Standard Mounument | | each | | |
| 2 | Tract Boundary Monument | | each | | |
| 3 | Street Centerline Monument | | each | | |
| 4 | Lot Corner Monument | | each | | |
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|-------------------------|--|
| Sub Total | |
| Add 10% | |
| TOTAL MOUNUMENTS | |

GRADING

| Item No. | Item | Quantity | Unit | Unit Cost | Item Cost |
|----------|---------------|------------------------|---------|-----------|-----------|
| 1 | Cut or Fill | 0 - 5,000 | cu. yd. | | |
| | | 5,000 - 10,000 | cu. yd. | | |
| | | 10,000 - 20,000 | cu. yd. | | |
| | | 20,000 - 50,000 | cu. yd. | | |
| | | 50,000 -100,000 | cu. yd. | | |
| | | 100,000-500,000 | cu. yd. | | |
| | | 500,000 c.y or greater | cu. yd. | | |
| 2 | Import/Export | | cu. yd. | | |
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|----------------------|--|
| Sub Total | |
| Add 10% | |
| TOTAL GRADING | |

SUBDIVISION IMPROVEMENTS
ESTIMATE OF COSTS

Project Title _____
Location _____

Engineer _____
Date _____

WATER IMPROVEMENTS

| Item No. | Item | Quantity | Unit | Unit Cost | Item Cost |
|----------|-----------------------------------|----------|---------|-----------|-----------|
| 1 | 1" Service, complete | | each | | |
| 2 | 2" Service, complete | | each | | |
| 3 | 4" Service, Complete | | each | | |
| 4 | 4" Pipe | | ln. ft. | | |
| 5 | 6" Pipe | | ln. ft. | | |
| 6 | 8" Pipe | | ln. ft. | | |
| 7 | 10" Pipe | | ln. ft. | | |
| 8 | 12" Pipe | | ln. ft. | | |
| 9 | Fire Hydrant | | each | | |
| 10 | 4" Valve | | each | | |
| 11 | 6" Valve | | each | | |
| 12 | 8" Valve | | each | | |
| 13 | 10" Valve | | each | | |
| 14 | 12" Valve | | each | | |
| 15 | 12" x 10" Reducer | | each | | |
| 16 | 10" x 8" Reducer | | each | | |
| 17 | 8" x 6" Reducer | | each | | |
| 18 | 6" x 4" Reducer | | each | | |
| 19 | 2" Air & Vacuum Relief Valve | | each | | |
| 20 | 1" Air & Vacuum Relief Valve | | each | | |
| 21 | Fittings | | L.S | | |
| 22 | Concrete Encasement | | ln. ft. | | |
| 23 | 2" Blow-off | | each | | |
| 24 | 4" Blow-off | | each | | |
| 25 | 6" Blow-off | | each | | |
| 26 | 6" x 3" Pressure Reducing Station | | L. S. | | |
| 27 | Sampling Station with 1" Service | | L.S. | | |
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|--------------------|--|
| Sub Total | |
| Add 10% | |
| TOTAL WATER | |

SUBDIVISION IMPROVEMENTS
ESTIMATE OF COSTS

Project Title _____
Location _____

Engineer _____
Date _____

SEWER IMPROVEMENTS

| Item No. | Item | Quantity | Unit | Unit Cost | Item Cost |
|----------|--|----------|---------|-----------|-----------|
| 1 | 4" Pipe | | In. ft. | | |
| 2 | 6" Pipe | | In. ft. | | |
| 3 | 8" Pipe | | In. ft. | | |
| 4 | 10" Pipe | | In. ft. | | |
| 5 | 12" Pipe | | In. ft. | | |
| 6 | Manhole Precast 48" Diameter (\$300.00 per vertical foot) | | | | |
| 7 | Cleanout | | each | | |
| 8 | Chimney (4") | | each | | |
| 9 | Manhole Frame & Cover (Cast Iron) | | each | | |
| 10 | Wye (8" x 4") | | each | | |
| 11 | 4" Service | | each | | |
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Sub Total
Add 10%
TOTAL SEWER