

PLANNING LEVEL COST ESTIMATE

Location: NW 27th Avenue from Hammondville Road to W Atlantic Boulevard (MTP ID: BM062)

| Item Number | Pay Item Number | Description | Unit | Unit Cost | Quantity | Total |
|----------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------|------|---------------|----------|-----------------|
| 1 | 0110 1 1 | CLEARING & GRUBBING | AC | \$ 109,081.30 | 4 | \$ 437,000.00 |
| 2 | 0110 4 10 | REMOVAL OF EXISTING CONCRETE | SY | \$ 39.95 | 540 | \$ 22,000.00 |
| 3 | 0120 1 | REGULAR EXCAVATION | CY | \$ 18.49 | 52 | \$ 1,000.00 |
| 4 | 0160 4 | TYPE B STABILIZATION | SY | \$ 3.03 | 90 | \$ 1,000.00 |
| 5 | 0327 70 5 | MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH | SY | \$ 2.83 | 3560 | \$ 11,000.00 |
| 6 | 0334 1 12 | SUPERPAVE ASPHALTIC CONC, TRAFFIC B | TN | \$ 149.45 | 510 | \$ 77,000.00 |
| 7 | 0337 7 83 | ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22 | TN | \$ 180.65 | 210 | \$ 38,000.00 |
| 8 | 0443 70 4 | FRENCH DRAIN, 24" | LF | \$ 343.07 | 600 | \$ 206,000.00 |
| 9 | 0520 1 10 | CONCRETE CURB & GUTTER, TYPE F | LF | \$ 48.37 | 480 | \$ 24,000.00 |
| 10 | 0522 2 | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK | SY | \$ 119.81 | 450 | \$ 54,000.00 |
| 11 | 0570 1 2 | PERFORMANCE TURF, SOD | SY | \$ 5.24 | 380 | \$ 3,000.00 |
| 12 | 0711 14123 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK | LF | \$ 8.65 | 3250 | \$ 29,000.00 |
| 13 | 0711 14125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK | LF | \$ 17.84 | 3160 | \$ 57,000.00 |
| 14 | 0710 11160 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL | EA | \$ 54.08 | 12 | \$ 1,000.00 |
| 15 | 0630 2 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | \$ 16.61 | 4200 | \$ 70,000.00 |
| 16 | 0630 2 12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | \$ 45.44 | 800 | \$ 37,000.00 |
| 17 | 0715 11216 | LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, PENDANT/TEARDROP | EA | \$ 4,008.07 | 25 | \$ 101,000.00 |
| 18 | 0715 61111 | LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT, 8' ARM LENGTH | EA | \$ 11,357.34 | 25 | \$ 284,000.00 |
| 19 | 0715500 1 | POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL | EA | \$ 819.12 | 25 | \$ 21,000.00 |
| 20 | 0751 37 | TRASH RECEPTACLE | EA | \$ 268.41 | 11 | \$ 3,000.00 |
| 21 | 0527 2 | DETECTABLE WARNINGS | SF | \$ 46.45 | 710 | \$ 33,000.00 |
| 22 | 0522 4 | BUS SHELTER PAD- CONCRETE | SY | \$ 233.68 | 165 | \$ 39,000.00 |
| 23 | 0751 38 30 | BENCH, INSTALL | EA | \$ 587.80 | 11 | \$ 7,000.00 |
| 24 | Mobilization (6%) | | LS | \$ 93,360.00 | 1 | \$ 94,000.00 |
| 25 | Temporary Traffic Control (6%) | | LS | \$ 93,360.00 | 1 | \$ 94,000.00 |
| 26 | Stormwater Sewer Prevention/Protection (2%) | | LS | \$ 31,120.00 | 1 | \$ 32,000.00 |
| Subtotal | | | | | | \$ 1,776,000.00 |
| Inflation (4% per year, compounded) Buildout 2034 | | | LS | \$ 751,801.78 | 1 | \$ 752,000.00 |
| Subtotal | | | | | | \$ 2,528,000.00 |
| Design and Engineering (19%) | | | LS | \$ 480,320.00 | 1 | \$ 480,400.00 |
| Construction Engineering and Inspection Activities (15%) | | | LS | \$ 379,200.00 | 1 | \$ 379,200.00 |
| TOTAL | | | | | | \$ 3,387,600.00 |

NW 27TH AVE QUANTITIES

| | | | | |
|------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|
| Milling | Raised intersection | 410 sy at the intersection with NW 9th Ct 410 sy at the intersection with NW 6th St 410 sy at the intersection with NW 4th St 130 sy at the intersection with MLK Jr Blvd 160 sy at the intersection with NW 13th St 130 sy at the intersection S of NW 13th St 130 sy at the intersection with NW 11th St 160 sy at the intersection with NW 10th St 160 sy at the intersection with NW 9th St 160 sy at the intersection with NW 8th St | 3560 | SY |
| | Crosswalks/Intersections | 160 sy at the intersection with NW 7th St 160 sy at the intersection with NW 6th Ct 160 sy at the intersection with NW 5th St 160 sy at the intersection with NW 4th Ct 160 sy at the intersection with NW 3rd St 160 sy at the intersection with NW 2nd St 80 sy at the intersection with NW 1st Ct 130 sy at the intersection with NW 1st St 130 sy at the intersection with Atlantic Blvd | | |
| Asphalt | Raised Intersection, assuming 6 in depth, 30 sf ~ 1 ton | 125 tons at the intersection with NW 9th Ct 125 tons at the intersection with NW 6th St 125 tons at the intersection with NW 4th St 8 tons at the intersection with MLK Jr Blvd 9 tons at the intersection with NW 13th St 8 tons at the intersection S of NW 13th St 8 tons at the intersection with NW 11th St 9 tons at the intersection with NW 10th St 9 tons at the intersection with NW 9th St 9 tons at the intersection with NW 8th St | 510 | TN |
| | Crosswalks/intersections, assuming 1 in depth, 165 sf ~ 1 ton | 9 tons at the intersection with NW 7th St 9 tons at the intersection with NW 6th Ct 9 tons at the intersection with NW 5th St 9 tons sy at the intersection with NW 4th Ct 9 tonsat the intersection with NW 3rd St 9 tons at the intersection with NW 2nd St 5 tons at the intersection with NW 1st Ct 8 tons at the intersection with NW 1st St 8 tons at the intersection with Atlantic Blvd | | |
| Friction Course | Assume 1 in on all surfaces, 1 sf ~ 1 ton | 22 tons at the intersection with NW 9th Ct 22 tons at the intersection with NW 6th St 22 tons at the intersection with NW 4th St 8 tons at the intersection with MLK Jr Blvd 9 tons at the intersection with NW 13th St 8 tons at the intersection S of NW 13th St 8 tons at the intersection with NW 11th St 9 tons at the intersection with NW 10th St 9 tons at the intersection with NW 9th St 9 tons at the intersection with NW 8th St 9 tons at the intersection with NW 7th St 9 tons at the intersection with NW 6th Ct 9 tons at the intersection with NW 5th St 9 tons sy at the intersection with NW 4th Ct 9 tonsat the intersection with NW 3rd St 9 tons at the intersection with NW 2nd St 5 tons at the intersection with NW 1st Ct 8 tons at the intersection with NW 1st St 8 tons at the intersection with Atlantic Blvd | 210 | TN |

| | | | 24 Inch (LF) | 12 Inch (LF) |
|-------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| Thermoplastic | Crosswalks | Intersection with MLK Jr Blvd | 120 | 120 |
| | | Intersection with NW 13th St | 180 | 180 |
| | | Intersection south of NW 13th St | 120 | 120 |
| | | Intersection with NW 11th St | 90 | 180 |
| | | Intersection with NW 10th St | 180 | 180 |
| | | Intersection with NW 9th Ct | 220 | 220 |
| | | Intersection with NW 9th St | 180 | 180 |
| | | Intersection with NW 8th St | 180 | 180 |
| | | Intersection with NW 7th St | 180 | 180 |
| | | Intersection with NW 6th Ct | 180 | 180 |
| | | Intersection with NW 6th St | 220 | 220 |
| | | Intersection with NW 5th St | 180 | 180 |
| | | Intersection with NW 4th Ct | 180 | 180 |
| | | Intersection with NW 4th St | 220 | 220 |
| | | Intersection with NW 3rd St | 180 | 180 |
| | | Intersection with NW 2nd St | 180 | 180 |
| | | Intersection with NW 1st Ct | 90 | 90 |
| Intersection with NW 1st St | 180 | 180 | | |
| Intersection with Atlantic Blvd | 100 | 100 | | |
| | | TOTAL | 3160 | 3250 |
| Sod | Raised intersections | 120 sy at the intersection with NW 9th Ct 120 sy at the intersection with NW 6th St 120 sy at the intersection with NW 4th St | 380 | SY |
| | Crossing | 15 SY at the intersection with NW 1st St | | |
| Pavement Markings | Raised intersection arrow marks | 4 at the intersection with NW 9th Ct 4 at the intersection with NW 6th St 4 at the intersection with NW 4th St | 12 | EA |
| Removal of existing concrete | Raised intersections | 125 sy at the intersection with NW 9th Ct 125 sy at the intersection with NW 6th St 125 sy at the intersection with NW 4th St | 540 | SY |
| | Bus Pads | 15 sy at each = total of 165 sy | | |
| Regular excavation | Raised intersections | 10 cy at the intersection with NW 9th Ct 10 cy at the intersection with NW 6th St 10 cy at the intersection with NW 4th St | 52 | CY |
| Stabilization | Raised intersections | 30 sy at the intersection with NW 9th Ct 30 sy at the intersection with NW 6th St 30 sy at the intersection with NW 4th St | 90 | SY |
| Concrete sidewalks | Raised intersections | 150 sy at the intersection with NW 9th Ct 150 sy at the intersection with NW 6th St 150 sy at the intersection with NW 4th St | 450 | SY |
| Curb and gutter | Rasied intersections | 160 lf at the intersection with NW 9th Ct 160 lf at the intersection with NW 6th St 160 lf at the intersection with NW 4th St | 480 | LF |
| Detectable warnings | Crossing | 10 sf at the intersection with NW 1st St | | |
| | Raised intersections | 160 sf at the intersection with NW 9th Ct 160 sf at the intersection with NW 6th St 160 sf at the intersection with NW 4th St | 710 | SF |
| | Bus pads | 20 sf at each = total of 220 | | |

| | | | | |
|-----------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------|------|----|
| Bus Pads | Concrete 15'x8' (approximately), 11 bus stops total | 15 sy each = total of 165 sy | 165 | SY |
| Conduit Open Trench | Entire corridor length (west) | West side of corridor (minus driveways and roadways) | 4400 | LF |
| Conduit Directional Bore | Entire corridor length (west) | 20 feet per roadway crossed at 20 roadways 10 feet per driveway crossed at 20 driveways | 600 | LF |
| Replace Existing Luminaire | Existing lights | 25 lights | 25 | EA |
| Light Pole | New lights | 25 lights | 25 | EA |

* Lighting costs assume that existing light poles remain and their lights are replaced, and that lighting is approximately every 200 feet for a total of 50 lights along the corridor