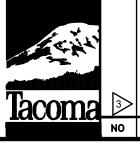
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| , ide | IOI IG | dill | |

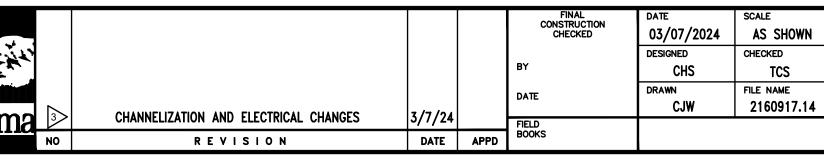
| ITEM NUMBER D | BICYCLE BOU | ITEM DESCRIPTION | UNIT | QUANTITY |
|--------------------|-------------------------|--|--------|----------|
| | RAL REQUIREMENTS | TEM PESCHI NON | 101111 | 1907 |
| 1 | | MINOR CHANGES | F.A. | 1 |
| 2 | | ROADWAY SURVEYING | L.S. | 1 |
| 3 | | RECORD DRAWINGS (\$5000 MIN) | L.S. | 1 |
| 4 | | SPCC PLAN | L.S. | 1 |
| 5 | | ARCHAEOLOGICAL AND HISTORICAL SALVAGE | F.A. | 1 |
| 6 | | TRAINING | H.R. | 800 |
| 7 | | MOBILIZATION | L.S. | 1 |
| 8 | | PEDESTRIAN TRAFFIC CONTROL | L.S. | 1 |
| 9 | | CONTRACTOR PROVIDED UNIFORMED POLICE OFFICER | H.R. | 100 |
| 10 | | PORTABLE CHARGEABLE MESSAGE SIGN | H.R. | 3,530 |
| 11 | | PROJECT TEMPORARY TRAFFIC CONTROL | L.S. | 1 |
| DIVISION 2 - EARTH | HWORK | | | |
| 12 | | CERTIFIED ARBORIST | L.S. | 1 |
| 13 | | CERTIFIED ARBORIST ASSESSMENT REPORT COMPLIANCE | F.A. | 1 |
| 14 | | ROADSIDE CLEANUP | F.A. | 1 |
| 15 | | CLEARING AND GRUBBING | L.S. | 1 |
| .6 | | REMOVAL OF STRUCTURE AND OBSTRUCTION | L.S. | 1 |
| .7 | | TEST HOLES | L.F. | 220 |
| 18 | | ROADWAY EXCAVATION INLC. HAUL | C.Y. | 90 |
| .9 | | GRAVEL BORROW INCL. HAUL | TON | 165 |
| 20 | | SUBGRADE MAINTENANCE AND PROTECTION | L.S. | 1 |
| 21 | | STRUCTURE EXCAVATION CLASS B | L.S. | 1 |
| 22 | | REMOVE EXISTING PAVEMENT, TYPE I, CLASS A2 | S.Y. | 45 |
| 23 | | REMOVE EXISTING PAVEMENT, TYPE I, CLASS A4 | S.Y. | 60 |
| 24 | | REMOVE EXISTING PAVEMENT, TYPE I, CLASS C6 | S.Y. | 2,000 |
| 25 | | REMOVE EXISTING PAVEMENT, TYPE I, CLASS C12 | S.Y. | 315 |
| 26 | | REMOVE EXISTING PAVEMENT, TYPE I, CLASS CA | S.Y. | 3,930 |
| 27 | | REMOVE EXISTING PAVEMENT, TYPE II, CLASS CA | S.Y. | 170 |
| 28 | | REMOVE CURB | L.F. | 2,200 |
| 29 | | REMOVE CATCH BASIN | EACH | 17 |
| 30 | | SITE HEALTH & SAFETY PLAN | L.S. | 1 |
| 31 | | SITE HEALTH & SAFETY OFFICER | L.S. | 1 |
| 32 | | SOIL MANAGEMENT PLAN | L.S. | 1 |
| 33 | | REMOVE AND REPLACE EXISTING LID WITH ADA COMPLIANT NON-SLIP LID | EACH | 13 |
| DIVISION 4 - BASES | <u> </u> | NEWOVE AND RELEACE EXISTING EID WITH ADA COMI EIANT NON-SEIL EID | LACII | 113 |
| 34 | • | CRUSHED SURFACE TOP COURSE | TON | 360 |
| 35 | | CRUSHED SURFACE BASE COURSE | TON | 1,745 |
| | ACE TREATMENTS AND PA | | TON | 1,743 |
| | ACE TREATIVIENTS AND PA | HMA CL. 1/2 IN. PG 58H-22 | TON | 2,100 |
| 36 | | PLANING BITUMINOUS PAVEMENT | S.Y. | 12,500 |
| | | | S.Y. | 350 |
| 38 | ACE STRUCTURES STORM | CEMENT CONC. PAVEMENT | 5.1. | 1330 |
| | AGE STRUCTURES, STURIV | I SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS | FACU | To |
| 39 | | MANHOLE 48 IN. DIAM TYPE 3 | EACH | 9 |
| 10 | | CATCH BASIN TYPE 2 48 IN DIAM | EACH | 25 |
| 11 | | CATCH BASIN TYPE 2 48 IN. DIAM. | EACH | 6 |
| 12 | | COMBINATION INLET | EACH | 24 |
| 13 | | CONNECT NEW SEWER PIPE 12-IN. DIAM. TO EXISTING STRUCTURE | EACH | 6 |
| 14 | | RECONNECT EXISTING SEWER PIPE 4-IN. DIAM. TO NEW STRUCTURE | EACH | 1 |
| 15 | | RECONNECT EXISTING SEWER PIPE 6-IN. DIAM. TO NEW STRUCTURE | EACH | 1 |
| 16 | | RECONNECT EXISTING SEWER PIPE 8-IN. DIAM. TO NEW STRUCTURE | EACH | 13 |
| 17 | | RECONNECT EXISTING SEWER PIPE 12-IN. DIAM. TO NEW STRUCTURE | EACH | 11 |
| 18 | | RECONNECT EXISTING SEWER PIPE 18-IN. DIAM. TO NEW STRUCTURE | EACH | 2 |
| 19 | | ADJUST EXISTING CATCH BASIN, FURNISH NEW FRAME AND GRATE | EACH | 20 |
| 50 | | ADJUST EXISTING MANHOLE, FURNISH NEW FRAME AND COVER | EACH | 35 |
| 51 | | ADJUST EXISTING UTILITY LID TO GRADE | EACH | 60 |
| 2 | | PRIVATE UTILITY COORDINATION | L.S. | 1 |
| 53 | | PLUGGING EXISTING PIPE | EACH | 2 |
| 54 | | PVC SEWER PIPE 12 IN. DIAM | L.F. | 317 |
| 55 | | DUCTILE IRON SEWER PIPE 4 IN. DIAM | L.F. | 6 |
| 56 | | DUCTILE IRON SEWER PIPE 8 IN. DIAM | L.F. | 142 |
| 57 | | DUCTILE IRON SEWER PIPE 12 IN. DIAM | L.F. | 215 |
| 58 | | REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL | C.Y. | 415 |
| -0 | | SEWER CLEANOUT | EACH | 2 |
| 59 | | | | I |

| 61 | NPDES CONSTRUCTION STORMWATER GENERAL PERMIT | L.S. | 1 | |
|-----|--|------|----------|----------|
| 62 | EROSION CONTROL AND WATER POLLUTION PREVENTION PLAN | L.S. | 1 | _ |
| 53 | STORMWATER POLLUTION PREVENTION PLAN (SWPPP) | L.S. | 1 | _ |
| 54 | TREE PROTECTION | EACH | 23 | |
| 55 | ROADSIDE RESTORATION | L.S. | 1 | |
| 56 | CEMENT CONC. TRAFFIC CURB AND GUTTER | L.F. | 2,165 | _ |
| 57 | CEMENT CONC. PEDESTRIAN CURB | L.F. | 200 | |
| 58 | CEMENT CONC. TRAFFIC CURB | L.F. | 1,100 | _ |
| 59 | TYPE "C" MOUNTABLE CEMENT CONCRETE CURB | L.F. | 95 | |
| 70 | TYPE "D" MOUNTABLE CEMENT CONCRETE CURB | L.F. | 55 | _ |
| 71 | CEMENT CONC. DRIVEWAY ENTRANCE TYPE 3 | S.Y. | 115 | _ |
| 72 | RAISED PAVEMENT MARKER TYPE 2 | HUND | 2 | _ |
| 73 | POURED MONUMENT | EACH | 12 | _ |
| 74 | CEMENT CONC. SIDEWALK | S.Y. | 1,332 | _ |
| 75 | REINFORCED CEMENT CONC. SIDEWALK | S.Y. | 185 | |
| 76 | CEMENT CONC. CURB RAMP | EACH | 86 | _ |
| 77 | CEMENT CONC. CURB BIKE RAMP | EACH | 4 | _ |
| 78 | DETECTABLE WARNING SURFACE | S.F. | 310 | _ |
| 79 | FIXED BOLLARD | EACH | 2 | _ |
| 30 | ILLUMINATION SYSTEM MODIFICATIONS | L.S. | 1 | _ |
| 31 | TRAFFIC SIGNAL SYSTEM MODIFICATIONS | L.S. | 1 | |
| 32 | TRAFFIC SIGNAL SYSTEM OVERHEAD ADJUSTMENT | L.S. | 1 | |
| 33 | REMOVE DIRECT BURY CABLE | L.F. | 2,160 | _ |
| 34 | INSTALL JUNCTION BOX | EACH | 80 | |
| 35 | RRFB ASSEMBLY W/ ASSOCIATED SIGNAGE, WIRE, AND CONDUIT | EACH | 10 | _ |
| 36 | PPB ASSEMBLY W/ ASSOCIATED WIRE AND CONDUIT | EACH | 53 | _ |
| 7 | CONDUIT PIPE 2 IN. DIAM. | L.F. | 2,060 | \frown |
| 88 | PERMANENT SIGNING | L.S. | | J |
| 89 | PLASTIC WHITE LANE LINE (4") | L.F. | 20 | |
| 90 | PLASTIC WHITE EDGE LINE (4") | L.F. | 6,565 | |
| 91 | PLASTIC DOUBLE YELLOW CENTER LINE (4" X 2) | L.F. | 2,705 | J |
| 92 | PLASTIC SINGLE YELLOW CENTER LINE (4" X 1) | L.F. | 1,770 | |
| 93 | PLASTIC WHITE GORE LINE (8") | L.F. | 64 | _ |
| 94 | PLASTIC DOTTED EXTENSION LINE (4") | L.F. | 240 | |
| 95 | PLASTIC BIKE LANE SKIP LINE (6") | L.F. | 1,485 | |
| 96 | PLASTIC BIKE LANE (6") | L.F. | 2,520 | |
| 97 | PLASTIC STOP LINE | L.F. | 815 | _ |
| 98 | PLASTIC CROSSWALK LINE | L.F. | 1,980 | |
| 99 | PLASTIC CROSSWALK LINE PLASTIC TRAFFIC ARROW | EACH | 1,980 | |
| 100 | PLASTIC TRAFFIC ARROW PLASTIC TRAFFIC LETTER | EACH | + | |
| 101 | PLASTIC TRAFFIC LETTER PLASTIC BICYCLE LANE SYMBOL | EACH | 46 | <u>~</u> |
| 102 | PAINTED CURB | L.F. | 70 | J |
| 103 | GREEN DURABLE PRODUCT | S.F. | 3,345 | _ |
| 104 | PLASTIC SHARROW SYMBOL | EACH | 130 | _ |
| 104 | DAYLIGHT STRIPING | L.F. | 4,940 | |
| 106 | PLASTIC 24-INCH WIDE MEDIAN STRIPING | S.F. | 155 | |
| 107 | REMOVE PAVEMENT MARKINGS | L.S. | 1 | |
| 108 | PAINTED MARKINGS TO MATCH EXISTING | L.S. | 1 | |
| 108 | PRIME FUTURE ART AREAS | L.S. | 1 | |
| 110 | TEMPORARY PAVEMENT MARKINGS | L.S. | 1 | |
| | | | <u> </u> | |
| 111 | HIGH PERFORMANCE TRAFFIC-SEPARATOR CURB | L.F. | 1,420 | _ |
| 112 | HIGH-PERFORMANCE LOW-PROFILE TRAFFIC SEPARATOR CURB | L.F. | 388 | |
| 113 | FLEXIBLE DELINEATORS | EACH | 584 | _ |
| 114 | GREEN BIKE TILES | L.F. | 55 | |
| 115 | ACCESSIBILITY WORK PLAN | L.S. | 1 | |
| | MAINTAIN REQUIRED ACCESS | L.S. | 1 | |

FINAL DESIGN









| | CITY OF TACOMA DEPARTMENT OF PUBLIC WORKS | | |
|--|---|---|--------------------|
| | DocuSigned by: | J STREET BICYCLE BOULEVARD PROJECT GENERAL NOTES, LEGEND, AND | 21609 SHEET NO. |
| | ENGINEERING DIVISION MANAGER | SUMMARY OF QUANTITIES | SHEET 2 |
| | | | |