

APPROVED MATERIALS BY SECTION**STREETS**

CALTRANS TYPE "B" ASPHALT CONCRETE
 CALTRANS CLASS "A" CONCRETE
 CALTRANS CLASS "2" AGGREGATE BASE
 TYPE "B" MINERAL AGGREGATE
 AR1000 TACK COAT
 SS-1 TACK COAT

DRIVEWAYS

CALTRANS CLASS "A" CONCRETE
 CALTRANS CLASS "B" CONCRETE
 CALTRANS CLASS 2 AGGREGATE BASE
 CALTRANS CLASS 3 AGGREGATE SUB BASE
 HUNTS HB100 BONDING EPOXY

SIDEWALKS, CURBS AND GUTTER

CALTRANS CLASS "A" CONCRETE
 CALTRANS CLASS "B" CONCRETE
 CALTRANS CLASS 2 AGGREGATE BASE
 CALTRANS CLASS 3 AGGREGATE SUB BASE
 BAUER TRAFFIC GRADE PAINT (#2466A9 - WHITE)
 BAUER TRAFFIC RATED PAINT (2378A9 - BLACK)

TRENCHING

CALTRANS TYPE "B" ASPHALT CONCRETE
 CALTRANS CLASS "2" AGGREGATE BASE
 CALTRANS CLASS "A" CONCRETE
 CALTRANS TYPE "C" STRUCTURAL BACKFILL

SEWER SYSTEM

CALTRANS CLASS "B" CONCRETE
 RAMNEK JOINT SEALANT
 PRECAST CONCRETE PER ASTM C-478
 RELINER-DURAN MANHOLE DROP BOWL
 ASTM A-48 CLASS 30 FRAME AND COVER
 C-594 SEWER REPAIR COUPLING
 ASTM D3034-00 (SDR-35) SEWER LATERAL PIPE
 CLASS 50 DUCTILE IRON PIPE
 C900/CLASS 200 PVC PIPE
 CHRISTY V1 DRAIN BOX
 VITRIFIED CLAY PIPE (V.C.P.) ASTM C-700
 C-594 SEWER REPAIR COUPLINGS
 POLYVINYL CHLORIDE (PVC) PIPE
 TESCO LIQUIDTRONICS III MODEL NO. 36-633 SOLID
 STATE CONTROLLER
 CHRISTY "R" SERIES PRE-CAST PIT
 PRE-CAST FLAT TOP MANHOLE (ASTM C-497)
 PRE-CAST MANHOLE SECTION (ASTM C-478)
 CUTLER-HAMMER TRANSFER SWITCH (#DT363) AND
 NEMA 3R ENCLOSURE
 APPLETON PIN AND SLEEVE (#ACR1034RS)

STORM DRAIN SYSTEM

L&W STEEL - TYPE A GRATEWITH ONE PIECE FRAME
 AND HOOD
 D& L SPPLY CO. - I-3532 (HOOD), I-3533 (FRAME AND "L"
 GRATE)
 NEENAH FOUNDRY - R-3040 GRATE WITH ONE PIECE
 FRAME AND HOOD

PINKERTON FRAME (A586) AND COVER (A587)
 CALTRANS TYPE 18-10 GRATE AND FRAME
 CALTRANS CLASS "B" CONCRETE
 CALTRANS CLASS "C" CONCRETE
 STEEL, DUCTILE IRON SCH40 PVC, OR ABS CURB DRAIN
 PIPE
 REINFORCED CONCRETE PIPE (R.C.P.) BELL AND SPIGOT
 JOINTS WITH O-RING GASKETS
 CAST-IN-PLACE (C.I.P.) PIPE
 PRE-CAST MANHOLE PER ASTM C-478
 TESCO LIQUIDTRONIC III MODEL 36-663 CONTROLLER
 TESCO CB612 LIQUID LEVEL DETECTION
 "BORDEN W/B" TYPE 6 DECK GRATING

WATER SYSTEM

JAMES JONES J-4060A "WET BARREL" FIRE HYDRANT
 MUELLER "481 H" FIRE HYDRANT
 CLOW "F-960" FIRE HYDRANT
 LONG BEACH IRON WORKS "LB400" BREAK-OFF CHECK
 VALVE
 CHRISTY G5 TRAFFIC VALVE BOX WITH G5C CAST IRON
 LID
 CHRISTY G4 TRAFFIC VALVE BOX WITH G4C CAST IRON
 LID
 BADGER "RECORDALL" DISK METER
 FORD METER VALVE (BA43-444) *
 FORD CORPORATION STOP (FB 1000 OR F 1000) TYPE K
 COPPER *
 FORD METER VALVE (FV43-666, 1 1/2") *
 FORD METER VALVE (FV43-777, 2") *
 CHRISTY B-16 BOX AND C-30 LID
 FORD BLOW OFF VALVE (B 41-777) *
 CAST IRON PIPE (C.I.)
 DUCTILE IRON PIPE (D.I.)
 SAND CEMENT GROUT (8-SACK MIX)
 BENTONITE/CEMENT GROUT
 CALTRANS CLASS "B" CONCRETE
 EMCO WHEATON MONITORING WELL VAULT (A0721-101)
 BROOKS UTILITY BOX (W-500) WITH STEEL COVER
 DRESSER "450" OR PRATT "GROUNDHOG" VALVES
 POLYVINYL CHLORIDE (PVC) WATER MAIN PIPE
 SEE W-32 FOR APPROVED WATER METER SERVICE
 BOXES
 BADGER RECORDALL DISC METER
 BACKFLOW PREVENTION DEVICE INNCLUSURES

STREET LIGHTING STANDARD

GENERAL ELECTRIC FIXTURE (M-250A OR M-400A)
 BUSSMAN FUSEHOLDER (HLR)
 #6 ALUMINUM THN-TW CONDUCTOR
 #8 COPPER THN-TW CONDUCTOR
 SCHEDULE 40 AND 80 PVC CONDUIT
 TESCO 26-000 SERVICE PEDESTAL
 SQUARE D "TYPE QO" CIRCUIT BREAKER
 STERNBERG MODEL A882R "AUBURN" LIGHT
 STERNBERG TAPERED POLE
 STERNBURG LIGHT POLE BASE "RICHMOND" 3912-T (12'
 HEIGHT) OR "BRIMINGHAM" 7716-T (16' HEIGHT)

* JAMES JONES AND MUELLER VALVES ARE ACCEPTABLE
 ALTERNATIVES IN ADDITION TO FORD VALVES.

ENGINEERING DEPARTMENT

CITY OF MERCED, CA.

APPROVED MATERIALS**MT-1**

DRAWN: KGE

APPROVED BY:

DATE

DATE: 5/02

David L. Tucker

3/17/08

REVISED: 3/17/08

CITY ENGINEER

SHEET

OF