APPROVED MATERIALS BY SECTION

STREETS
CALTRANS TYPE "B" ASPHALT CONCRETE
CALTRANS CLASS "A" CONCRETE
CALTRANS CLASS "B" 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

SIDWALKS, 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 (#2456A9 - 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 GRATE WITH ONE PIECE FRAME
AND HOOD
D&L SUPPLY 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 LIQUIDTRONICS III MODEL 36-633 CONTROLLER
TESCO CB612 LIQUID LEVEL DETECTION
"BORDEN WB" 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 GS 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
PRESSER "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 INNCLOSURES

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 A862R "AUBURN" LIGHT
STERNBERG TAPERED POLE
STERISBERG 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

APPROVED MATERIALS

CITY OF MERCED, CA.

DRAWN: KGE
DATE: 5/02
REvised: 3/17/08
CITY ENGINEER

APPROVED BY:
DATE: 3/17/08

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SHEET OF