

Iowa Department of Transportation -- Contracts and Specifications Bureau

Specifications for most bid items consist of five parts:

- 1) Description, 2) Materials, 3) Construction, 4) Method of Measurement, and 5) Basis of Payment.

The Spec Codes defined below and used on the following pages identify a source(s) where typical specifications for the bid item are located. The specific source will depend on the actual use and application of the bid item. Contact eric.johnsen@iowadot.us if it is believed that any bid item has an incorrect 'Spec Code' shown.

The policy of the Contracts and Specifications Bureau is that the designer of the projects let through the Iowa DOT letting system ensures that all bid items have complete specifications.

Special attention is directed to the codes STD6, SP2, and PLAN that may use or need multiple sources. For many bid items with those codes, additional information is required. This could include entire specifications (all five parts) for a bid item, or modifications/changes/additional requirements to one or more parts of an existing specification. For the latter, the specs could be included in the Item Reference Information or General Notes of the project plan. The designer is encouraged to use the Standard Specifications, Supplemental Specifications, etc. as resources for the proper language for any of the five spec portions for similar bid items.

Spec Code	Spec Source
STD	Standard Specifications – including General Supplemental Specifications
STD2	Standard Specifications – including applicable Supplemental Specifications
STD3	Standard Specifications – including applicable Supplemental Specifications or Standard Road Plans
STD4	Standard Specifications – including applicable Standard Bridge Plans
STD5	Standard Specifications – including applicable Standard Road Plans
STD6	Standard Specifications – including applicable Special Provisions or Project Plan
DS	Developmental Specifications
SS	Supplemental Specifications
SS2	Supplemental Specifications or Project Plan
SP	Special Provisions
SP2	Special Provisions or Project Plan
SBP	Standard Bridge Plans
SRP	Standard Road Plans
PLAN	Project Plan
PROP	Proposal Form

Bid Item Descriptions

Iowa Department of Transportation -- Contracts and Specifications Bureau

Column Heading	Definition
ITEM CODE	<p>Each bid item shall have a unique twelve character number (9999-9999999).</p> <p>The first four number of the item code correspond to the section of the Standard Specifications where the requirements for the bid item are most likely to be found. The “Meas/Pay” code will further assist in locating the requirements/specifications for the bid item.</p> <p>Item Codes beginning with 2399, 2499, 2590, 2594, 2595, 2598, and 2599 are not found or referenced to a specific section of the Standard Specifications, but would most likely be considered work done under Division 23, 24, and 25 respectively of the Standard Specifications.</p> <p>NOTE: For new items or unique items, the designer may elect to use one of the item codes shown between 2599-9999001 and 2599-9999021. One item code for each of the 21 commonly used units. After selecting the appropriate “Item Code” for the corresponding unit, the designer must add a supplemental description on the plan for that item.</p>
BID ITEM DESCRIPTION	<p>Each bid item shall have a description according to the “Method of Measurement” and “Basis of Payment” as written in the specifications, plans, etc.</p>
UNITS	<p>The units of measurement for a bid item shall be specified in the specifications, plans, etc.</p>
MEAS/PAY	<p>A code (see next page) is used to direct the designer to a general source where “Method of Measurement” and “Basis of Payment” may be located. The specific source will depend on the actual use and application of the bid item.</p> <p>Special attention is directed to the codes STD6, SP2, and PLAN. For many bid items where the MEAS/PAY is STD6, SP2, or PLAN, applicable Special Provisions are required or a detail sheet in the project plan that clearly states the “Method of Measurement” and “Basis of Payment”. However, for some bid items the “Method of Measurement” and “Basis of Payment” could be included in the Item Reference Information or General Notes of the project plan.</p> <p>The designer is encouraged to use the Standard Specifications, Supplemental Specifications, etc. as resources for the proper language of “Method of Measurement” and “Basis of Payment” for similar bid items.</p> <p>The policy of the Contracts and Specifications Bureau is that the designer of projects let through the Iowa DOT letting system, insure that all bid items have a “Method of Measurement” and “Basis of Payment”.</p>

Codes

Units		MEAS/PAY Method of Measurement / Basis of Payment	
UNITS	of Measurement / Payment		
ACRE	Acres	STD	Standard Specifications – including General Supplemental Specifications
CDAY	Calendar Day	STD2	Standard Specifications – including applicable Supplemental Specifications
CY	Cubic Yards	STD3	Standard Specifications – including applicable Supplemental Specifications or Standard Road Plans
DAY	Days	STD4	Standard Specifications – including applicable Standard Bridge Plans
EACH	Each	STD5	Standard Specifications – including applicable Standard Road Plans
GAL	Gallons	STD6	Standard Specifications – including applicable Special Provisions or Project Plan
HOUR	Hours	DS	Developmental Specifications
LB	Pounds	SS	Supplemental Specifications
LF	Linear Feet	SS2	Supplemental Specifications or Project Plan
LS	Lump Sum	SP	Special Provisions
MFBM	1000 Feet Board Measure	SP2	Special Provisions or Project Plan
MGAL	1000 Gallons	SBP	Standard Bridge Plans
MILE	Miles	SRP	Standard Road Plans
SF	Square Feet	PLAN	Project Plan
SQ	Squares	PROP	Proposal Form
ST-Y	Station Yards		
STA	Stations		
SY	Square Yards		
TLF	Track Linear Feet		
TON	Tons		
UNIT	Units		
VLF	Vertical Linear Feet		

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2101-0850001	CLEARING AND GRUBBING	ACRE	STD
2101-0850002	CLEARING AND GRUBBING	UNIT	STD
2101-1001005	REMOVAL OF FLOOD DEBRIS	TON	DS
2101-1001010	REMOVAL OF DEBRIS FROM WATERWAY AREAS	LS	SP2
2102-0425046	SELECTED BACKFILL	CY	STD
2102-0425070	SPECIAL BACKFILL	TON	STD
2102-0425071	SPECIAL BACKFILL	CY	STD
2102-0425120	SPECIAL BACKFILL MATERIAL, PLACE ONLY	TON	STD
2102-0425220	SPECIAL BACKFILL MATERIAL, PLACE ONLY	CY	STD
2102-2200000	INTERCEPTING DITCHES AND FLUMES	LF	STD
2102-2624980	CONTRACTOR FURNISHED SELECT TREATMENT	CY	STD
2102-2625000	EMBANKMENT-IN-PLACE	CY	STD
2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	STD
2102-2625010	EMBANKMENT-IN-PLACE, STOCKPILE	CY	STD6
2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	STD
2102-2710080	EXCAVATION, CLASS 10, UNSUITABLE OR UNSTABLE MATERIAL	CY	STD
2102-2710090	EXCAVATION, CLASS 10, WASTE	CY	STD
2102-2712015	EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	CY	STD
2102-2712070	EXCAVATION, CLASS 12, ROADWAY AND BORROW	CY	STD
2102-2713070	EXCAVATION, CLASS 13, ROADWAY AND BORROW	CY	STD
2102-2713090	EXCAVATION, CLASS 13, WASTE	CY	STD6
2102-3240000	WATER FOR EMBANKMENT CONSTRUCTION	MGAL	STD
2102-4560000	LOCATING TILE LINES	STA	STD
2102-4600000	CRUSHING OF CLASS 12 EXCAVATION	CY	STD
2102-5020010	OBLITERATE OLD ROADBED	STA	PLAN
2103-0000100	PRESPLITTING OF ROCK CUT	SY	STD
2104-2710020	EXCAVATION, CLASS 10, CHANNEL	CY	STD
2104-2712020	EXCAVATION, CLASS 12, CHANNEL	CY	STD
2104-2713020	EXCAVATION, CLASS 13, CHANNEL	CY	STD
2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	STD6
2105-8425011	TOPSOIL, SPREAD	CY	STD
2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	STD
2105-8425020	TOPSOIL, STRIP AND STOCKPILE	CY	STD
2107-0425020	COMPACTING BACKFILL ADJACENT TO BRIDGES, CULVERTS OR STRUCTURES	CY	STD
2107-0875000	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2107-0875100	COMPACTION WITH MOISTURE CONTROL	CY	STD
2107-0890000	COMPACTING TRENCH BOTTOM	STA	STD
2107-3825025	GRANULAR MATERIAL FOR BLANKET AND SUBDRAIN	CY	STD
2109-8225100	SPECIAL COMPACTION OF SUBGRADE	STA	STD
2109-9300100	CONSTRUCTION OF NATURAL SUBGRADE FOR PAVEMENT, BASE COURSE, PAVEMENT WIDENING, OR SUBBASE	MILE	PLAN
2110-3825010	GRANULAR MATERIAL	TON	STD
2110-8200000	CONSTRUCTION OF SOIL AGGREGATE SUBBASE	MILE	STD
2111-8174100	GRANULAR SUBBASE	SY	STD
2111-8174200	GRANULAR SUBBASE, PLACE ONLY	SY	STD
2112-0000100	WICK DRAIN	LF	STD
2112-0000200	SAND DRAIN	LF	PLAN
2112-0000300	HORIZONTAL STRIP DRAIN	LF	PLAN
2113-0001000	SUBGRADE STABILIZATION MATERIAL,	SY	STD
2113-0001100	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	SY	STD
2115-0100000	MODIFIED SUBBASE	CY	STD
2115-0100200	MODIFIED SUBBASE, PLACE ONLY	CY	STD
2116-0000100	FULL DEPTH RECLAMATION	SY	STD
2116-0000210	ASPHALT STABILIZING AGENT	TON	STD
2116-0000220	ASPHALT STABILIZING AGENT	GAL	STD
2116-0000300	MINERAL STABILIZING AGENT	TON	STD
2121-7425010	GRANULAR SHOULDERS, TYPE A	TON	STD
2121-7425011	GRANULAR SHOULDER TYPE A, PLACE ONLY	TON	STD
2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	STD
2121-7425021	GRANULAR SHOULDERS, TYPE B, AS PER PLAN	STA	PLAN
2121-7425022	GRANULAR SHOULDERS, TYPE B, PLACE ONLY	TON	STD
2121-8450810	TRENCHING AND RESHAPING	STA	STD
2122-5190006	PAVED SHOULDER, P.C. CONCRETE, 6 IN.	SY	STD
2122-5190007	PAVED SHOULDER, P.C. CONCRETE, 7 IN.	SY	STD
2122-5190008	PAVED SHOULDER, P.C. CONCRETE, 8 IN.	SY	STD
2122-5190009	PAVED SHOULDER, P.C. CONCRETE, 9 IN.	SY	STD
2122-5190010	PAVED SHOULDER, P.C. CONCRETE, 10 IN.	SY	STD
2122-5190012	PAVED SHOULDER, P.C. CONCRETE, 12 IN.	SY	STD
2122-5190075	PAVED SHOULDER, P.C. CONCRETE, 7.5 IN.	SY	STD
2122-5190085	PAVED SHOULDER, P.C. CONCRETE, 8.5 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2122-5190095	PAVED SHOULDER, P.C. CONCRETE, 9.5 IN.	SY	STD
2122-5190105	PAVED SHOULDER, P.C. CONCRETE, 10.5 IN.	SY	STD
2122-5190110	PAVED SHOULDER, P.C. CONCRETE, 11 IN.	SY	STD
2122-5190115	PAVED SHOULDER, P.C. CONCRETE, 11.5 IN.	SY	STD
2122-5190125	PAVED SHOULDER, P.C. CONCRETE, 12.5 IN.	SY	STD
2122-5190501	PAVED SHOULDER, PORTLAND CEMENT CONCRETE (PAVED SHOULDER PANEL FOR BRIDGE END DRAIN)	SY	STD5
2122-5191005	REINFORCED PAVED SHOULDER FOR CONCRETE BARRIER	SY	STD5
2122-5500060	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 6 IN.	SY	STD
2122-5500080	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 8 IN.	SY	STD
2122-5500085	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 8.5 IN.	SY	STD
2122-5500090	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 9 IN.	SY	STD
2122-5500095	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 9.5 IN.	SY	STD
2122-5500100	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 10 IN.	SY	STD
2122-5500105	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 10.5 IN.	SY	STD
2122-5500110	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 11 IN.	SY	STD
2122-5500115	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 11.5 IN.	SY	STD
2122-5500120	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 12 IN.	SY	STD
2122-5500125	PAVED SHOULDER, HOT MIX ASPHALT MIXTURE, 12.5 IN.	SY	STD
2122-7450080	SHOULDER STRENGTHENING, OPTIONAL HOT MIX ASPHALT MIXTURE OR PORTLAND CEMENT CONCRETE, 8 IN.	SY	STD
2123-7450000	SHOULDER CONSTRUCTION, EARTH	STA	STD
2123-7450020	SHOULDER FINISHING, EARTH	STA	STD
2125-2225050	RESHAPING DITCHES	STA	STD
2126-8275058	RECLAIMING PRESENT SURFACING MATERIAL	CY	STD
2127-6725020	RECONSTRUCTION OF ROADBED	STA	STD
2128-0000110	FURNISH AND APPLY GRANULAR SHOULDER MATERIAL	CY	STD
2128-0000120	FURNISH AND APPLY GRANULAR SHOULDER MATERIAL	TON	STD
2128-0000200	CONTRACTOR STOCKPILED SHOULDER MATERIAL	TON	DS
2201-0505050	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 5 IN.	SY	STD
2201-0505060	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 6 IN.	SY	STD
2201-0505065	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 6.5 IN.	SY	STD
2201-0505070	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 7 IN.	SY	STD
2201-0505075	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 7.5 IN.	SY	STD
2201-0505080	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 8 IN.	SY	STD
2201-0505085	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 8.5 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2201-0505090	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 9 IN.	SY	STD
2201-0505095	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 9.5 IN.	SY	STD
2201-0505100	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 10 IN.	SY	STD
2201-0505105	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 10.5 IN.	SY	STD
2201-0505110	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 11 IN.	SY	STD
2201-0505115	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 11.5 IN.	SY	STD
2201-0505120	BASE, STANDARD OR SLIP FORM P.C. CONCRETE, 12 IN.	SY	STD
2210-0475105	CHOKER STONE BASE	TON	STD
2210-0475115	GRADED STONE BASE	TON	PLAN
2210-0475290	MACADAM STONE BASE	TON	STD
2210-0476000	PRIMER BITUMEN FOR MACADAM STONE BASE	GAL	STD
2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	STD
2212-5070310	PATCHES, FULL-DEPTH REPAIR	SY	STD
2212-5070321	PATCHES, PARTIAL-DEPTH REPAIR, P.C.C.	SF	STD
2212-5070322	PATCHES, PARTIAL-DEPTH REPAIR, HOT MIX ASPHALT	SY	STD
2212-5070330	PATCHES BY COUNT (REPAIR)	EACH	STD
2212-5075001	HOT MIX ASPHALT SURFACE PATCHES	TON	STD
2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING	CY	STD
2213-7100400	RELOCATION OF MAIL BOXES	EACH	PLAN
2213-8200000	BASE WIDENING, HOT MIX ASPHALT MIXTURE	TON	STD
2213-8201030	BASE WIDENING, 3 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201040	BASE WIDENING, 4 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201045	BASE WIDENING, 4.5 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201050	BASE WIDENING, 5 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201055	BASE WIDENING, 5.5 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201060	BASE WIDENING, 6 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201065	BASE WIDENING, 6.5 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201070	BASE WIDENING, 7 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201075	BASE WIDENING, 7.5 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201080	BASE WIDENING, 8 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201085	BASE WIDENING, 8.5 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201090	BASE WIDENING, 9 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201095	BASE WIDENING, 9.5 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201100	BASE WIDENING, 10 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8201105	BASE WIDENING, 10.5 IN. HOT MIX ASPHALT MIXTURE	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2213-8201110	BASE WIDENING, 11 IN. HOT MIX ASPHALT MIXTURE	SY	STD
2213-8202060	BASE WIDENING, 6 IN. PORTLAND CEMENT CONCRETE	SY	STD
2213-8202070	BASE WIDENING, 7 IN. PORTLAND CEMENT CONCRETE	SY	STD
2213-8202075	BASE WIDENING, 7.5 IN. PORTLAND CEMENT CONCRETE	SY	STD
2213-8202080	BASE WIDENING, 8 IN. PORTLAND CEMENT CONCRETE	SY	STD
2213-8202085	BASE WIDENING, 8.5 IN. PORTLAND CEMENT CONCRETE	SY	STD
2213-8202090	BASE WIDENING, 9 IN. PORTLAND CEMENT CONCRETE	SY	STD
2213-8202095	BASE WIDENING, 9.5 IN. PORTLAND CEMENT CONCRETE	SY	STD
2213-8202100	BASE WIDENING, 10 IN. PORTLAND CEMENT CONCRETE	SY	STD
2214-5145150	PAVEMENT SCARIFICATION	SY	STD
2214-5145160	PAVEMENT SCARIFICATION	TON	STD
2214-7450050	BLADING AND SHAPING SHOULDER MATERIAL	STA	STD
2216-0994000	CRACKING AND SEATING OF P.C.C. PAVEMENT	SY	STD
2217-1000000	RUBBLIZED PAVEMENT	SY	STD
2301-0685550	BRIDGE APPROACH PAVEMENT, AS PER PLAN	SY	PLAN
2301-0690201	BRIDGE APPROACH, BR-201	SY	STD5
2301-0690202	BRIDGE APPROACH, BR-202	SY	STD5
2301-0690203	BRIDGE APPROACH, BR-203	SY	STD5
2301-0690204	BRIDGE APPROACH, BR-204	SY	STD5
2301-0690205	BRIDGE APPROACH, BR-205	SY	STD5
2301-0690210	BRIDGE APPROACH, TWO LANE	SY	STD5
2301-0690220	BRIDGE APPROACH, SECONDARY ROADS	SY	STD5
2301-0690241	BRIDGE APPROACH, BR-241	SY	STD5
2301-1003080	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 8 IN.	SY	DS
2301-1003085	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 8.5 IN.	SY	DS
2301-1003090	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9 IN.	SY	DS
2301-1003095	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 9.5 IN.	SY	DS
2301-1003100	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 10 IN.	SY	DS
2301-1003105	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 10.5 IN.	SY	DS
2301-1003110	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 11 IN.	SY	DS

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2301-1003115	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 11.5 IN.	SY	DS
2301-1003120	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 12 IN.	SY	DS
2301-1003125	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3 DURABILITY, 12.5 IN.	SY	DS
2301-1004080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 8 IN.	SY	DS
2301-1004095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 9.5 IN.	SY	DS
2301-1004100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 10 IN.	SY	DS
2301-1004105	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 10.5 IN.	SY	DS
2301-1004110	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 11 IN.	SY	DS
2301-1004115	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 11.5 IN.	SY	DS
2301-1004120	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 12 IN.	SY	DS
2301-1004125	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 12.5 IN.	SY	DS
2301-1004130	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 13 IN.	SY	DS
2301-1004135	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 13.5 IN.	SY	DS
2301-1004140	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, QM-C, CLASS 3I DURABILITY, 14 IN.	SY	DS
2301-1012000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1012060	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 6 IN.	SY	STD
2301-1012065	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 6.5 IN.	SY	STD
2301-1012070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 7 IN.	SY	STD
2301-1012075	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 7.5 IN.	SY	STD
2301-1012080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 8 IN.	SY	STD
2301-1012085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 8.5 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2301-1012090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 9 IN.	SY	STD
2301-1012095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 9.5 IN.	SY	STD
2301-1012100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 2 DURABILITY, 10 IN.	SY	STD
2301-1013000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1013060	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 6 IN.	SY	STD
2301-1013065	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 6.5 IN.	SY	STD
2301-1013070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 7 IN.	SY	STD
2301-1013075	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 7.5 IN.	SY	STD
2301-1013080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 8 IN.	SY	STD
2301-1013085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 8.5 IN.	SY	STD
2301-1013090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 9 IN.	SY	STD
2301-1013095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 9.5 IN.	SY	STD
2301-1013100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS A, CLASS 3 DURABILITY, 10 IN.	SY	STD
2301-1022000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1022060	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 6 IN.	SY	STD
2301-1022065	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 6.5 IN.	SY	STD
2301-1022070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 7 IN.	SY	STD
2301-1022075	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 7.5 IN.	SY	STD
2301-1022080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 8 IN.	SY	STD
2301-1022085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 8.5 IN.	SY	STD
2301-1022090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 9 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2301-1022095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 9.5 IN.	SY	STD
2301-1022100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS B, CLASS 2 DURABILITY, 10 IN.	SY	STD
2301-1032000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1032060	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 6 IN.	SY	STD
2301-1032065	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 6.5 IN.	SY	STD
2301-1032070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 7 IN.	SY	STD
2301-1032075	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 7.5 IN.	SY	STD
2301-1032080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 8 IN.	SY	STD
2301-1032085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 8.5 IN.	SY	STD
2301-1032090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 9 IN.	SY	STD
2301-1032095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 9.5 IN.	SY	STD
2301-1032100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 2 DURABILITY, 10 IN.	SY	STD
2301-1033000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1033050	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 5 IN.	SY	STD
2301-1033060	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 6 IN.	SY	STD
2301-1033065	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 6.5 IN.	SY	STD
2301-1033070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7 IN.	SY	STD
2301-1033075	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 7.5 IN.	SY	STD
2301-1033080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8 IN.	SY	STD
2301-1033085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 8.5 IN.	SY	STD
2301-1033090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2301-1033095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9.5 IN.	SY	STD
2301-1033100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 10 IN.	SY	STD
2301-1033105	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 10.5 IN.	SY	STD
2301-1033110	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 11 IN.	SY	STD
2301-1033115	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 11.5 IN.	SY	STD
2301-1033120	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 12 IN.	SY	STD
2301-1033125	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 12.5 IN.	SY	STD
2301-1033130	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 13 IN.	SY	STD
2301-1033140	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 14 IN.	SY	STD
2301-1034000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1034070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 7 IN.	SY	STD
2301-1034080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 8 IN.	SY	STD
2301-1034085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 8.5 IN.	SY	STD
2301-1034090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 9 IN.	SY	STD
2301-1034095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 9.5 IN.	SY	STD
2301-1034100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 10 IN.	SY	STD
2301-1034105	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 10.5 IN.	SY	STD
2301-1034110	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 11 IN.	SY	STD
2301-1034115	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 11.5 IN.	SY	STD
2301-1034120	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 12 IN.	SY	STD
2301-1034125	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 12.5 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2301-1034130	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 13 IN.	SY	STD
2301-1034135	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 13.5 IN.	SY	STD
2301-1034140	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3I DURABILITY, 14 IN.	SY	STD
2301-1082000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1082060	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 6 IN.	SY	STD
2301-1082065	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 6.5 IN.	SY	STD
2301-1082070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 7 IN.	SY	STD
2301-1082075	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 7.5 IN.	SY	STD
2301-1082080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 8 IN.	SY	STD
2301-1082085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 8.5 IN.	SY	STD
2301-1082090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 9 IN.	SY	STD
2301-1082095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 9.5 IN.	SY	STD
2301-1082100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 10 IN.	SY	STD
2301-1082105	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 10.5 IN.	SY	STD
2301-1082110	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 11 IN.	SY	STD
2301-1082115	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 11.5 IN.	SY	STD
2301-1082120	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 2 DURABILITY, 12 IN.	SY	STD
2301-1083000	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, VARIABLE THICKNESS	SY	STD
2301-1083060	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 6 IN.	SY	STD
2301-1083065	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 6.5 IN.	SY	STD
2301-1083070	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 7 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2301-1083075	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 7.5 IN.	SY	STD
2301-1083080	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 8 IN.	SY	STD
2301-1083085	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 8.5 IN.	SY	STD
2301-1083090	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 9 IN.	SY	STD
2301-1083095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 9.5 IN.	SY	STD
2301-1083100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 10 IN.	SY	STD
2301-1083105	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 10.5 IN.	SY	STD
2301-1083110	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 11 IN.	SY	STD
2301-1083115	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 11.5 IN.	SY	STD
2301-1083120	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3 DURABILITY, 12 IN.	SY	STD
2301-1084095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3I DURABILITY, 9.5 IN.	SY	STD
2301-1084100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3I DURABILITY, 10 IN.	SY	STD
2301-1084105	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3I DURABILITY, 10.5 IN.	SY	STD
2301-1084110	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS M, CLASS 3I DURABILITY, 11 IN.	SY	STD
2301-4874006	MEDIAN, DOWELLED P.C. CONCRETE, AS PER PLAN	SY	STD
2301-4874106	MEDIAN, DOWELLED P.C. CONCRETE, 6 INCH	SY	STD
2301-4874500	MEDIAN, P.C. CONCRETE, AS PER PLAN	SY	STD
2301-4875004	MEDIAN, P.C. CONCRETE, 4 IN.	SY	STD
2301-4875005	MEDIAN, P.C. CONCRETE, 5 IN.	SY	STD
2301-4875006	MEDIAN, P.C. CONCRETE, 6 IN.	SY	STD
2301-4875008	MEDIAN, P.C. CONCRETE, 8 IN.	SY	STD
2301-4875009	MEDIAN, P.C. CONCRETE, 9 IN.	SY	STD
2301-4875010	MEDIAN, P.C. CONCRETE, 10 IN.	SY	STD
2301-4875011	MEDIAN, P.C. CONCRETE, 11 IN.	SY	STD
2301-4875012	MEDIAN, P.C. CONCRETE, 12 IN.	SY	STD
2301-4875014	MEDIAN, P.C. CONCRETE, 14 IN	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2301-4877020	2 INCH CONDUIT, PAVED ISLAND	LF	PLAN
2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	STD
2301-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	EACH	STD
2301-9091000	RUMBLE STRIP PANEL (PCC SURFACE)	EACH	STD
2302-1200070	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 7 IN.	SY	STD
2302-1200075	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 7.5 IN.	SY	STD
2302-1200080	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 8 IN.	SY	STD
2302-1200085	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 8.5 IN.	SY	STD
2302-1200090	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 9 IN.	SY	STD
2302-1200095	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 9.5 IN.	SY	STD
2302-1200100	PORTLAND CEMENT CONCRETE PAVEMENT WIDENING, 10 IN.	SY	STD
2302-7430100	SHOULDERS, TYPE A	STA	STD
2302-7430200	SHOULDERS, TYPE B	STA	STD
2302-7430300	SHOULDERS, TYPE C	STA	STD
2303-0000100	HOT MIX ASPHALT MIXTURE, COMMERCIAL MIX (INCLUDES ASPHALT BINDER), AS PER PLAN	TON	STD
2303-0001000	HOT MIX ASPHALT MIXTURE, WEDGE, LEVELING OR STRENGTHENING COURSE	TON	STD
2303-0002380	HOT MIX ASPHALT MIXTURE INTERLAYER BASE COURSE, 3/8 IN. MIX	TON	SS
2303-0003380	HOT MIX ASPHALT MIXTURE THIN LIFT SURFACE COURSE, 3/8 IN. MIX	TON	DS
2303-0101000	HOT MIX ASPHALT MIXTURE, WEDGE, LEVELING OR STRENGTHENING COURSE	SY	STD
2303-1031500	HOT MIX ASPHALT STANDARD TRAFFIC, BASE COURSE, 1/2 IN. MIX	TON	STD
2303-1031750	HOT MIX ASPHALT STANDARD TRAFFIC, BASE COURSE, 3/4 IN. MIX	TON	STD
2303-1032500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	STD
2303-1032750	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 3/4 IN. MIX	TON	STD
2303-1033380	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/8 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2303-1033382	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/8 IN. MIX, FRICTION L-2	TON	STD
2303-1033383	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/8 IN. MIX, FRICTION L-3	TON	STD
2303-1033384	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/8 IN. MIX, FRICTION L-4	TON	STD
2303-1033500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2303-1033502	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-2	TON	STD
2303-1033503	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	TON	STD
2303-1033504	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4	TON	STD
2303-1033750	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2303-1033752	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-2	TON	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2303-1033753	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-3	TON	STD
2303-1033754	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-4	TON	STD
2303-1041500	HOT MIX ASPHALT HIGH TRAFFIC, BASE COURSE, 1/2 IN. MIX	TON	STD
2303-1041750	HOT MIX ASPHALT HIGH TRAFFIC, BASE COURSE, 3/4 IN. MIX	TON	STD
2303-1042500	HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	STD
2303-1042750	HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 3/4 IN. MIX	TON	STD
2303-1043500	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2303-1043502	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-2	TON	STD
2303-1043503	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	TON	STD
2303-1043504	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4	TON	STD
2303-1043750	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2303-1043752	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-2	TON	STD
2303-1043753	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-3	TON	STD
2303-1043754	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-4	TON	STD
2303-1051500	HOT MIX ASPHALT VERY HIGH TRAFFIC, BASE COURSE, 1/2 IN. MIX	TON	STD
2303-1051750	HOT MIX ASPHALT VERY HIGH TRAFFIC, BASE COURSE, 3/4 IN. MIX	TON	STD
2303-1052500	HOT MIX ASPHALT VERY HIGH TRAFFIC, INTERMEDIATE COURSE 1/2 IN. MIX	TON	STD
2303-1052750	HOT MIX ASPHALT VERY HIGH TRAFFIC, INTERMEDIATE COURSE 3/4 IN. MIX	TON	STD
2303-1053500	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2303-1053502	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-2	TON	STD
2303-1053503	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	TON	STD
2303-1053504	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4	TON	STD
2303-1053750	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2303-1053752	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-2	TON	STD
2303-1053753	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-3	TON	STD
2303-1053754	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-4	TON	STD
2303-1131500	HOT MIX ASPHALT STANDARD TRAFFIC, BASE COURSE, 1/2 IN. MIX	SY	STD
2303-1132500	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE 1/2 IN. MIX	SY	STD
2303-1133500	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	SY	STD
2303-1133502	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-2	SY	STD
2303-1133503	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	SY	STD
2303-1133504	HOT MIX ASPHALT STANDARD TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2303-1141500	HOT MIX ASPHALT HIGH TRAFFIC, BASE COURSE, 1/2 IN. MIX	SY	STD
2303-1142500	HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE 1/2 IN. MIX	SY	STD
2303-1143500	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	SY	STD
2303-1143502	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-2	SY	STD
2303-1143503	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-3	SY	STD
2303-1143504	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, FRICTION L-4	SY	STD
2303-1252343	ASPHALT BINDER, PG 52-34S, STANDARD TRAFFIC	TON	STD
2303-1252344	ASPHALT BINDER, PG 52-34H, HIGH TRAFFIC	TON	STD
2303-1252345	ASPHALT BINDER, PG 52-34V, VERY HIGH TRAFFIC	TON	STD
2303-1252346	ASPHALT BINDER, PG 52-34E, EXTREMELY HIGH TRAFFIC	TON	STD
2303-1258283	ASPHALT BINDER, PG 58-28S, STANDARD TRAFFIC	TON	STD
2303-1258284	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	TON	STD
2303-1258285	ASPHALT BINDER, PG 58-28V, VERY HIGH TRAFFIC	TON	STD
2303-1258286	ASPHALT BINDER, PG 58-28E, EXTREMELY HIGH TRAFFIC	TON	STD
2303-1258343	ASPHALT BINDER, PG 58-34S, STANDARD TRAFFIC	TON	STD
2303-1258344	ASPHALT BINDER, PG 58-34H, HIGH TRAFFIC	TON	STD
2303-1258345	ASPHALT BINDER, PG 58-34V, VERY HIGH TRAFFIC	TON	STD
2303-1258346	ASPHALT BINDER, PG 58-34E, EXTREMELY HIGH TRAFFIC	TON	STD
2303-1258347	ASPHALT BINDER, PG 58-34E+, EXTREMELY HIGH TRAFFIC, 90% ELASTIC RECOVERY	TON	DS
2303-1264223	ASPHALT BINDER, PG 64-22S, STANDARD TRAFFIC	TON	STD
2303-1264224	ASPHALT BINDER, PG 64-22H, HIGH TRAFFIC	TON	STD
2303-1264225	ASPHALT BINDER, PG 64-22V, VERY HIGH TRAFFIC	TON	STD
2303-1264226	ASPHALT BINDER, PG 64-22E, EXTREMELY HIGH TRAFFIC	TON	STD
2303-1264346	ASPHALT BINDER, PG 64-34E, EXTREMELY HIGH TRAFFIC	TON	STD
2303-1264347	ASPHALT BINDER, PG 64-34E+, EXTREMELY HIGH TRAFFIC, 90% ELASTIC RECOVERY	TON	DS
2303-3250000	FABRIC REINFORCEMENT WITH ADHESIVE	SY	STD
2303-3250011	FABRIC REINFORCEMENT	SY	STD
2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	STD
2303-7000510	HOT MIX ASPHALT MIXTURE INCORPORATED WITH ANTI-STRIP AGENT	TON	STD
2303-7000550	INTELLIGENT COMPACTION-HMA	LS	SP
2303-7000610	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE LABORATORY VOIDS (FORMULA - BY PAY FACTOR)	EACH	STD
2303-7000620	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE FIELD VOIDS (FORMULA - BY PAY FACTOR)	EACH	STD
2303-9091010	RUMBLE STRIP PANEL (HMA SURFACE)	EACH	PLAN

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2303-9093010	HOT MIX ASPHALT, DRIVEWAY	SY	PLAN
2303-9095010	VOID REDUCING ASPHALT MEMBRANE (VRAM) FULL WIDTH	LF	DS
2303-9095020	VOID REDUCING ASPHALT MEMBRANE (VRAM) HALF WIDTH	LF	DS
2304-0100000	DETOUR PAVEMENT	SY	STD
2304-0101000	TEMPORARY PAVEMENT	SY	PLAN
2306-1000000	ASPHALT EMULSION FOR FOG SEAL (PAVEMENT)	GAL	STD
2306-1000005	ENGINEERED EMULSION FOR FOG SEAL (PAVEMENT)	GAL	DS
2307-0025003	AGGREGATE, ROADWAY COVER, 3/8 IN.	TON	STD
2307-0025005	AGGREGATE, ROADWAY COVER, 1/2 IN.	TON	STD
2307-0025009	AGGREGATE, COVER	TON	STD
2307-0025012	AGGREGATE, COVER - SAND	TON	STD
2307-0600000	BINDER BITUMEN	GAL	STD
2307-0600450	BINDER BITUMEN, MC-3000 OR CRS-2	GAL	STD
2307-0600451	BINDER BITUMEN, MC-3000	GAL	STD
2307-0600454	BINDER BITUMEN, CRS-2	GAL	STD
2307-0600456	BINDER BITUMEN, CRS-2P	GAL	STD
2307-1400000	ASPHALT EMULSION FOR DUST CONTROL	GAL	STD
2308-1000000	ASPHALT EMULSION FOR FOG SEAL (SHOULDERS)	GAL	STD
2308-1000005	ENGINEERED EMULSION FOR FOG SEAL (SHOULDERS)	GAL	SP
2308-1000010	ASPHALT EMULSION CONTAINING GILSONITE FOR FOG SEAL (SHOULDERS)	GAL	SS
2309-8256610	SURFACE RECYCLING BY HEATER SCARIFICATION	SY	STD
2310-5151040	PORTLAND CEMENT CONCRETE OVERLAY, FURNISH ONLY	CY	STD
2310-5151045	PORTLAND CEMENT CONCRETE OVERLAY, PLACEMENT ONLY	SY	STD
2310-5151600	PORTLAND CEMENT CONCRETE OVERLAY, QM-C, FURNISH ONLY	CY	DS
2310-5151605	PORTLAND CEMENT CONCRETE OVERLAY, QM-C, PLACEMENT ONLY	SY	STD
2310-8255550	SURFACE PREPARATION	SY	STD
2310-8300530	HOT MIX ASPHALT STRESS RELIEF COURSE	SY	STD
2310-8300540	HOT MIX ASPHALT STRESS RELIEF COURSE	TON	STD
2310-8300550	PAVEMENT INTERLAYER GEOTEXTILE	SY	DS
2310-8300560	COVER AGGREGATE, SAND, FOR SEAL COAT BOND BREAKER	TON	STD
2310-8300570	BINDER BITUMEN, FOR SEAL COAT BOND BREAKER	GAL	STD
2312-8260050	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	CY	STD
2312-8260051	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	TON	STD
2312-8260061	GRANULAR SURFACING ON ROAD, CLASS B CRUSHED STONE	TON	STD
2312-8260081	GRANULAR SURFACING ON ROAD, CLASS D CRUSHED STONE	TON	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2312-8260201	GRANULAR SURFACING ON ROAD, CLASS C GRAVEL	TON	STD
2312-8260250	GRANULAR SURFACING ON ROAD, CRUSHED STONE	TON	STD
2312-8260310	GRANULAR SURFACING ON ROAD, CRUSHED CONCRETE	TON	STD
2312-8400100	PREPARING AND HAULING GRANULAR SURFACING MATERIAL FURNISHED BY THE CONTRACTING AUTHORITY	TON	STD
2312-8400200	PREPARING AND HAULING GRANULAR SURFACING MATERIAL FURNISHED BY THE CONTRACTING AUTHORITY	CY	STD
2312-8401000	HAUL UNITS FOR GRANULAR SURFACING MATERIAL FURNISHED BY THE CONTRACTING AUTHORITY	MILE	STD
2312-8402000	STRIPPING (OVERBURDEN)	CY	STD
2314-0775010	CALCIUM CHLORIDE APPLIED	TON	STD
2314-0775015	WATER FOR SURFACE APPLICATION OF CALCIUM CHLORIDE	MGAL	STD
2314-8257000	DUST CONTROL SURFACE TREATMENT	STA	PLAN
2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	TON	STD
2315-8275030	SURFACING, DRIVEWAY, CLASS C GRAVEL	TON	STD
2315-8275036	SURFACING, DRIVEWAY, CLASS D CRUSHED STONE	TON	STD
2315-8275055	SURFACING, DRIVEWAY	TON	STD
2316-0000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	STD
2316-0000120	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	STD
2317-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	STD
2317-7000120	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	STD
2318-1001100	COLD IN-PLACE RECYCLED ASPHALT PAVEMENT	SY	STD
2318-1001220	ASPHALT STABILIZING AGENT (FOAMED ASPHALT)	TON	STD
2318-1001223	ASPHALT STABILIZING AGENT (ENGINEERED EMULSION)	GAL	SP
2318-1001224	ASPHALT STABILIZING AGENT (STANDARD ASPHALT EMULSION)	GAL	STD
2319-1000000	SLURRY LEVELING	MILE	STD
2319-2000101	SLURRY WEDGE COURSE AGGREGATE	TON	STD
2319-2000102	SLURRY WEDGE FINE AGGREGATE	TON	STD
2319-2000200	SURFACE PREPARATION FOR SLURRY WEDGE	MILE	STD
2319-3000101	STRIP SLURRY TREATMENT COARSE AGGREGATE	TON	STD
2319-3000102	STRIP SLURRY TREATMENT FINE AGGREGATE	TON	STD
2319-3000200	SURFACE PREPARATION FOR STRIP SLURRY TREATMENT	MILE	STD
2319-4000000	ASPHALT EMULSION FOR SLURRY LEVELING, SLURRY WEDGE, AND SLURRY TREATMENT	GAL	STD
2320-0000002	AGGREGATE FOR MICROSURFACING, FRICTION L-2	TON	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2320-0000004	AGGREGATE FOR MICROSURFACING, FRICTION L-4	TON	STD
2320-0000005	AGGREGATE FOR MICROSURFACING, NO SPECIAL FRICTION REQUIREMENT	TON	STD
2320-0000020	PREPARATION OF SURFACE FOR MICROSURFACING	MILE	STD
2320-0000030	EMULSIFIED ASPHALT FOR MICROSURFACING	GAL	STD
2401-6745065	REMOVAL OF BRIDGE END DRAINS	EACH	PLAN
2401-6745354	REMOVAL OF CONCRETE FOOTINGS, AS PER PLAN	EACH	PLAN
2401-6745355	REMOVAL OF CONCRETE FOOTINGS OF HIGHWAY SIGNS	EACH	PLAN
2401-6745356	REMOVAL OF CONCRETE FOOTINGS OF LIGHT POLES	EACH	PLAN
2401-6745357	REMOVAL OF CONCRETE FOUNDATIONS, AS PER PLAN	EACH	PLAN
2401-6745358	REMOVAL OF CONCRETE FOUNDATIONS OF HIGHWAY SIGNS	EACH	PLAN
2401-6745359	REMOVAL OF CONCRETE FOUNDATIONS OF LIGHT POLES	EACH	PLAN
2401-6745625	REMOVAL OF EXISTING BRIDGE	LS	STD
2401-6745635	REMOVAL OF EXISTING HANDRAIL	LS	STD
2401-6745636	REMOVAL OF EXISTING HANDRAIL AND END POSTS	LS	STD
2401-6745650	REMOVAL OF EXISTING STRUCTURES	LS	STD
2401-6745765	REMOVAL OF LIGHT POLES	EACH	PLAN
2401-6745830	REMOVAL OF P.C. CONCRETE MEDIAN BARRIER	LF	PLAN
2401-6745910	REMOVAL OF SIGN	EACH	PLAN
2401-6745915	REMOVAL OF SIGN SUPPORT STRUCTURE AND FOOTING	EACH	PLAN
2401-6745916	REMOVAL OF SIGN SUPPORT STRUCTURE AND FOUNDATION	EACH	PLAN
2401-6750001	REMOVALS, AS PER PLAN	LS	STD
2401-7207010	REMOVAL OF CONCRETE	SY	PLAN
2401-7207020	REMOVAL OF CONCRETE	CY	PLAN
2401-7207030	REMOVAL OF CONCRETE	LS	STD
2402-0425030	GRANULAR BACKFILL	CY	STD
2402-0425031	GRANULAR BACKFILL	TON	STD
2402-0425032	GRANULAR BACKFILL, PLACE ONLY	TON	PLAN
2402-0425033	GRANULAR BACKFILL, PLACE ONLY	CY	PLAN
2402-0425040	FLOODED BACKFILL	CY	STD
2402-0875150	COMPACTION WITH MOISTURE CONTROL (STRUCTURES)	CY	STD
2402-2720000	EXCAVATION, CLASS 20	CY	STD
2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	CY	STD
2402-2721000	EXCAVATION, CLASS 21	CY	STD
2402-2722000	EXCAVATION, CLASS 22	CY	STD
2402-2722100	EXCAVATION, CLASS 22, FOR ROADWAY PIPE CULVERT	CY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2402-2723000	EXCAVATION, CLASS 23	CY	STD
2402-2723100	EXCAVATION, CLASS 23, FOR ROADWAY PIPE CULVERT	CY	STD
2402-2724000	EXCAVATION, CLASS 24	CY	STD
2402-2724100	EXCAVATION, CLASS 24, FOR ROADWAY PIPE CULVERT	CY	STD
2402-2725000	INTERMEDIATE FOUNDATION IMPROVEMENTS	LS	SP
2402-2725002	INTERMEDIATE FOUNDATION IMPROVEMENTS VERIFICATION TESTING	LS	SP
2402-2725005	FOUNDATION TREATMENT MATERIAL	TON	STD
2402-3825025	GRANULAR MATERIAL FOR BLANKET	CY	STD
2403-0100000	STRUCTURAL CONCRETE (MISCELLANEOUS)	CY	STD
2403-0100010	STRUCTURAL CONCRETE (BRIDGE)	CY	STD
2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)	CY	STD
2403-0100030	STRUCTURAL CONCRETE 4500 PSI OR GREATER, AS SPECIFIED	CY	DS
2403-0900001	STRUCTURAL CONCRETE, CLASS X	CY	STD
2403-1000005	FIBER REINFORCEMENT FOR STRUCTURAL CONCRETE	CY	DS
2403-1000010	TRIAL BATCH AND TEST PLACEMENT (FIBER REINFORCED CONCRETE)	LS	DS
2403-7000210	HIGH PERFORMANCE STRUCTURAL CONCRETE	CY	DS
2403-7000220	TRIAL BATCH HIGH PERFORMANCE STRUCTURAL CONCRETE	LS	DS
2403-7000500	ULTRA HIGH PERFORMANCE CONCRETE (CONNECTIONS)	CY	DS
2403-7303000	STRUCTURAL CONCRETE COATING	SY	DS
2403-7304000	COLORED SEALER REPAINTING	SY	SP
2404-7775000	REINFORCING STEEL	LB	STD
2404-7775005	REINFORCING STEEL, EPOXY COATED	LB	STD
2404-7775007	REINFORCING STEEL, GALVANIZED	LB	STD
2404-7775009	REINFORCING STEEL, STAINLESS STEEL	LB	STD6
2405-2705000	EXCAVATE AND DEWATER	LS	STD
2407-0550000	BEAMS, PRETENSIONED PRESTRESSED CONCRETE,	EACH	STD
2407-0550001	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, ERECT AS PER PLAN	EACH	PLAN
2407-0551130	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, A30	EACH	STD
2407-0551134	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, A34	EACH	STD
2407-0551138	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, A38	EACH	STD
2407-0551142	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, A42	EACH	STD
2407-0551146	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, A46	EACH	STD
2407-0551150	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, A50	EACH	STD
2407-0551155	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, A55	EACH	STD
2407-0551234	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B34	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2407-0551238	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B38	EACH	STD
2407-0551242	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B42	EACH	STD
2407-0551246	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B46	EACH	STD
2407-0551250	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B50	EACH	STD
2407-0551255	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B55	EACH	STD
2407-0551259	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B59	EACH	STD
2407-0551263	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B63	EACH	STD
2407-0551267	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, B67	EACH	STD
2407-0551330	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C30	EACH	STD
2407-0551334	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C34	EACH	STD
2407-0551338	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C38	EACH	STD
2407-0551342	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C42	EACH	STD
2407-0551346	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C46	EACH	STD
2407-0551350	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C50	EACH	STD
2407-0551355	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C55	EACH	STD
2407-0551359	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C59	EACH	STD
2407-0551363	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C63	EACH	STD
2407-0551367	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C67	EACH	STD
2407-0551371	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C71	EACH	STD
2407-0551375	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C75	EACH	STD
2407-0551380	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, C80	EACH	STD
2407-0551435	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D35	EACH	STD
2407-0551440	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D40	EACH	STD
2407-0551445	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D45	EACH	STD
2407-0551450	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D50	EACH	STD
2407-0551455	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D55	EACH	STD
2407-0551460	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D60	EACH	STD
2407-0551465	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D65	EACH	STD
2407-0551470	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D70	EACH	STD
2407-0551475	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D75	EACH	STD
2407-0551480	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D80	EACH	STD
2407-0551485	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D85	EACH	STD
2407-0551490	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D90	EACH	STD
2407-0551495	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D95	EACH	STD
2407-0551500	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D100	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2407-0551505	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D105	EACH	STD
2407-0551510	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, D110	EACH	STD
2407-0562120	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BT120	EACH	STD
2407-0562125	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BT125	EACH	STD
2407-0562130	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BT130	EACH	STD
2407-0562135	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BT135	EACH	STD
2407-0562140	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BT140	EACH	STD
2407-0562830	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB30	EACH	STD
2407-0562835	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB35	EACH	STD
2407-0562840	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB40	EACH	STD
2407-0562845	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB45	EACH	STD
2407-0562850	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB50	EACH	STD
2407-0562855	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB55	EACH	STD
2407-0562860	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB60	EACH	STD
2407-0562865	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB65	EACH	STD
2407-0562870	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB70	EACH	STD
2407-0562875	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB75	EACH	STD
2407-0562880	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB80	EACH	STD
2407-0562885	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB85	EACH	STD
2407-0562890	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB90	EACH	STD
2407-0562895	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB95	EACH	STD
2407-0562900	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB100	EACH	STD
2407-0562905	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTB105	EACH	STD
2407-0563030	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC30	EACH	STD
2407-0563035	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC35	EACH	STD
2407-0563040	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC40	EACH	STD
2407-0563045	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC45	EACH	STD
2407-0563050	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC50	EACH	STD
2407-0563055	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC55	EACH	STD
2407-0563060	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC60	EACH	STD
2407-0563065	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC65	EACH	STD
2407-0563070	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC70	EACH	STD
2407-0563075	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC75	EACH	STD
2407-0563080	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC80	EACH	STD
2407-0563085	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC85	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2407-0563090	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC90	EACH	STD
2407-0563095	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC95	EACH	STD
2407-0563100	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC100	EACH	STD
2407-0563105	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC105	EACH	STD
2407-0563110	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC110	EACH	STD
2407-0563115	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC115	EACH	STD
2407-0563120	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTC120	EACH	STD
2407-0564050	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD50	EACH	STD
2407-0564055	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD55	EACH	STD
2407-0564060	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD60	EACH	STD
2407-0564065	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD65	EACH	STD
2407-0564070	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD70	EACH	STD
2407-0564075	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD75	EACH	STD
2407-0564080	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD80	EACH	STD
2407-0564085	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD85	EACH	STD
2407-0564090	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD90	EACH	STD
2407-0564095	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD95	EACH	STD
2407-0564100	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD100	EACH	STD
2407-0564105	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD105	EACH	STD
2407-0564110	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD110	EACH	STD
2407-0564115	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD115	EACH	STD
2407-0564120	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD120	EACH	STD
2407-0564125	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD125	EACH	STD
2407-0564130	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD130	EACH	STD
2407-0564135	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTD135	EACH	STD
2407-0564260	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE60	EACH	STD
2407-0564265	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE65	EACH	STD
2407-0564270	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE70	EACH	STD
2407-0564275	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE75	EACH	STD
2407-0564280	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE80	EACH	STD
2407-0564285	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE85	EACH	STD
2407-0564290	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE90	EACH	STD
2407-0564295	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE95	EACH	STD
2407-0564300	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE100	EACH	STD
2407-0564305	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE105	EACH	STD

BID ITEM LIST (english)

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ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2407-0564310	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE110	EACH	STD
2407-0564315	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE115	EACH	STD
2407-0564320	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE120	EACH	STD
2407-0564325	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE125	EACH	STD
2407-0564330	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE130	EACH	STD
2407-0564335	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE135	EACH	STD
2407-0564340	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE140	EACH	STD
2407-0564345	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE145	EACH	STD
2407-0564350	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE150	EACH	STD
2407-0564355	BEAMS, PRETENSIONED PRESTRESSED CONCRETE, BTE155	EACH	STD
2407-1002400	PRECAST FOOTING ABUTMENT (SHEET PILE WINGS) - 0 DEG. SKEW - 24 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1003000	PRECAST FOOTING ABUTMENT (SHEET PILE WINGS) - 0 DEG. SKEW - 30 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1012400	PRECAST FOOTING (CONCRETE WINGS) - 0 DEG. SKEW - 24 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1012415	PRECAST FOOTING (CONCRETE WINGS) - 15 DEG. SKEW - 24 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1012430	PRECAST FOOTING (CONCRETE WINGS) - 30 DEG. SKEW - 24 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1013000	PRECAST FOOTING (CONCRETE WINGS) - 0 DEG. SKEW - 30 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1013015	PRECAST FOOTING (CONCRETE WINGS) - 15 DEG. SKEW - 30 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1013030	PRECAST FOOTING (CONCRETE WINGS) - 30 DEG. SKEW - 30 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1022400	PRECAST ABUTMENT BACKWALL (CONCRETE WINGS) - 0 DEG. SKEW - 24 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1022415	PRECAST ABUTMENT BACKWALL (CONCRETE WINGS) - 15 DEG. SKEW - 24 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1022430	PRECAST ABUTMENT BACKWALL (CONCRETE WINGS) - 30 DEG. SKEW - 24 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1023000	PRECAST ABUTMENT BACKWALL (CONCRETE WINGS) - 0 DEG. SKEW - 30 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1023015	PRECAST ABUTMENT BACKWALL (CONCRETE WINGS) - 15 DEG. SKEW - 30 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1023030	PRECAST ABUTMENT BACKWALL (CONCRETE WINGS) - 30 DEG. SKEW - 30 FT. WIDE CONCRETE BOX BEAM BRIDGE	EACH	PLAN
2407-1030000	ULTRA HIGH PERFORMANCE CONCRETE JOINT FOR CONCRETE BOX BEAM BRIDGE	LF	PLAN
2407-1030010	ULTRA HIGH PERFORMANCE CONCRETE JOINT WATER INTEGRITY TEST	LF	PLAN

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2407-1214830	BOX BEAMS, PRETENSIONED PRESTRESSED CONCRETE, 21 IN. X 48 IN. X 30 FT.	EACH	PLAN
2407-1214840	BOX BEAMS, PRETENSIONED PRESTRESSED CONCRETE, 21 IN. X 48 IN. X 40 FT.	EACH	PLAN
2407-1274850	BOX BEAMS, PRETENSIONED PRESTRESSED CONCRETE, 27 IN. X 48 IN. X 50 FT.	EACH	PLAN
2407-1274860	BOX BEAMS, PRETENSIONED PRESTRESSED CONCRETE, 27 IN. X 48 IN. X 60 FT.	EACH	PLAN
2407-1274870	BOX BEAMS, PRETENSIONED PRESTRESSED CONCRETE, 27 IN. X 48 IN. X 70 FT.	EACH	PLAN
2407-1334830	BOX BEAMS, REINFORCED CONCRETE, 33 IN. X 48 IN. X 30 FT.	EACH	PLAN
2407-1334840	BOX BEAMS, REINFORCED CONCRETE, 33 IN. X 48 IN. X 40 FT.	EACH	PLAN
2407-1334850	BOX BEAMS, REINFORCED CONCRETE, 33 IN. X 48 IN. X 50 FT.	EACH	PLAN
2407-2021000	DECK UNITS, INTERIOR PRESTRESSED CONCRETE DOUBLE TEE,	EACH	STD
2407-2022000	DECK UNITS, EXTERIOR PRESTRESSED CONCRETE DOUBLE TEE,	EACH	STD
2407-2023000	DECK UNITS, INTERIOR PRESTRESSED CONCRETE QUAD TEE,	EACH	STD
2407-2024000	DECK UNITS, EXTERIOR PRESTRESSED CONCRETE QUAD TEE,	EACH	STD
2408-6772011	REPAIR BEAM, HEAT STRAIGHTENING, AS PER PLAN	LS	SP2
2408-7695220	STRUCTURAL STEEL, HAULING AND ERECTING	LB	PLAN
2408-7695221	STRUCTURAL STEEL, HAULING AND ERECTING	LS	PLAN
2408-7700000	STRUCTURAL STEEL, HAULING AND STORING	LS	PLAN
2408-7700010	STRUCTURAL STEEL - FABRICATE, STORE, AND DELIVER	LB	PLAN
2408-7700020	STRUCTURAL STEEL - ERECT	LB	PLAN
2408-7800000	STRUCTURAL STEEL	LB	STD
2408-7900020	SLOTTED DECK DRAIN	LS	PLAN
2408-8000000	GIRDER ERECTION PLAN	LS	DS
2408-8500100	REINFORCED NEOPRENE	SF	PLAN
2409-4200001	MISCELLANEOUS HARDWARE	LB	STD
2409-4575001	TREATED TIMBER AND LUMBER	MFBM	STD
2409-4600001	UNTREATED TIMBER AND LUMBER	MFBM	STD
2410-4570001	PLANK DECK LUMBER	MFBM	STD
2411-4570501	LAMINATED WOOD DECK	MFBM	STD
2412-0000100	LONGITUDINAL GROOVING IN CONCRETE, BRIDGE DECK	SY	STD
2413-0698041	DECK OVER-DEPTH OVERLAY (CLASS O PCC)	SY	DS
2413-0698051	DECK OVER-DEPTH OVERLAY (CLASS HPC-O PCC)	SY	DS
2413-0698066	DECK OVERLAY (CLASS O PCC)	SY	STD
2413-0698067	DECK OVERLAY (CLASS HPC-O PCC)	SY	STD
2413-0698070	DECK OVERLAY (CLASS UHPC PCC)	SY	SP
2413-0698074	DECK REPAIR, CLASS A	SY	STD
2413-0698075	DECK REPAIR, CLASS B	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2413-0698076	PARTIAL REMOVAL OF EXISTING BRIDGE DECK USING HYDRODEMOLITION	SY	SP
2413-0698081	DECK REPAIR, CLASS A, SPECIAL	SY	DS
2413-0698121	DECK SURFACING (CLASS O PCC)	SY	STD
2413-0698131	DECK SURFACING (CLASS HPC-O PCC)	SY	STD
2413-1000005	FIBER REINFORCEMENT FOR CONCRETE REPAIR/OVERLAY	SY	DS
2413-1100000	PREFORMED ELASTIC NEOPRENE JOINT	LF	PLAN
2413-1200000	STEEL EXTRUSION JOINT WITH NEOPRENE	LF	PLAN
2413-1200100	NEOPRENE GLAND INSTALLATION AND TESTING	LF	PLAN
2413-1300000	PREFORMED, PRE-COMPRESSED, SELF-EXPANDING, SEALANT SYSTEM WITH SILICONE PRE-COATED SURFACE	LF	PLAN
2414-6424038	CONCRETE BARRIER RAIL, 3'-8"	LF	STD
2414-6424110	CONCRETE BARRIER RAILING	LF	STD
2414-6424111	CONCRETE BARRIER RAILING, MEDIAN	LF	STD
2414-6424119	CONCRETE BARRIER RAILING, AESTHETIC	LF	STD6
2414-6424120	CONCRETE OPEN RAILING	LF	STD
2414-6424124	CONCRETE OPEN RAILING, TL-4	LF	STD
2414-6425410	CONCRETE BARRIER, REINFORCED, SEPARATION	LF	STD6
2414-6425420	CONCRETE BARRIER, PARAPET	LF	STD6
2414-6431100	RETROFIT CONCRETE BARRIER RAILING	LF	STD
2414-6444100	STEEL PIPE PEDESTRIAN HAND RAILING	LF	STD
2414-6445100	STRUCTURAL STEEL PEDESTRIAN HAND RAILING	LF	STD
2414-6446100	ALUMINUM PEDESTRIAN HAND RAILING	LF	STD
2414-6460000	ORNAMENTAL METAL RAILING	LF	PLAN
2414-6625502	STRUCTURAL STEEL RAILING, TRAFFIC	LF	PLAN
2414-6772010	CONCRETE PARAPET, FENCE	LF	PLAN
2414-6772020	STEEL FENCE, WELDED WIRE MESH	LF	PLAN
2414-7200010	SAFETY GRATE, TYPE 1, CULVERT	EACH	SRP
2414-7200020	SAFETY GRATE, TYPE 2, CULVERT	EACH	SRP
2414-7200030	SAFETY GRATE, TYPE 3, CULVERT	EACH	SRP
2414-7200040	SAFETY GRATE, TYPE 4, CULVERT	EACH	SRP
2415-2100000	PRECAST CONCRETE BOX CULVERT,	LF	STD
2415-2110402	PRECAST CONCRETE BOX CULVERT, 4 FT. X 2 FT.	LF	STD
2415-2110403	PRECAST CONCRETE BOX CULVERT, 4 FT. X 3 FT.	LF	STD
2415-2110404	PRECAST CONCRETE BOX CULVERT, 4 FT. X 4 FT.	LF	STD
2415-2110603	PRECAST CONCRETE BOX CULVERT, 6 FT. X 3 FT.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2415-2110604	PRECAST CONCRETE BOX CULVERT, 6 FT. X 4 FT.	LF	STD
2415-2110605	PRECAST CONCRETE BOX CULVERT, 6 FT. X 5 FT.	LF	STD
2415-2110606	PRECAST CONCRETE BOX CULVERT, 6 FT. X 6 FT.	LF	STD
2415-2110607	PRECAST CONCRETE BOX CULVERT, 6 FT. X 7 FT.	LF	STD
2415-2110608	PRECAST CONCRETE BOX CULVERT, 6 FT. X 8 FT.	LF	STD
2415-2110804	PRECAST CONCRETE BOX CULVERT, 8 FT. X 4 FT.	LF	STD
2415-2110805	PRECAST CONCRETE BOX CULVERT, 8 FT. X 5 FT.	LF	STD
2415-2110806	PRECAST CONCRETE BOX CULVERT, 8 FT. X 6 FT.	LF	STD
2415-2110807	PRECAST CONCRETE BOX CULVERT, 8 FT. X 7 FT.	LF	STD
2415-2110808	PRECAST CONCRETE BOX CULVERT, 8 FT. X 8 FT.	LF	STD
2415-2110809	PRECAST CONCRETE BOX CULVERT, 8 FT. X 9 FT.	LF	STD
2415-2110810	PRECAST CONCRETE BOX CULVERT, 8 FT. X 10 FT.	LF	STD
2415-2111004	PRECAST CONCRETE BOX CULVERT, 10 FT. X 4 FT.	LF	STD
2415-2111005	PRECAST CONCRETE BOX CULVERT, 10 FT. X 5 FT.	LF	STD
2415-2111006	PRECAST CONCRETE BOX CULVERT, 10 FT. X 6 FT.	LF	STD
2415-2111007	PRECAST CONCRETE BOX CULVERT, 10 FT. X 7 FT.	LF	STD
2415-2111008	PRECAST CONCRETE BOX CULVERT, 10 FT. X 8 FT.	LF	STD
2415-2111009	PRECAST CONCRETE BOX CULVERT, 10 FT. X 9 FT.	LF	STD
2415-2111010	PRECAST CONCRETE BOX CULVERT, 10 FT. X 10 FT.	LF	STD
2415-2111011	PRECAST CONCRETE BOX CULVERT, 10 FT. X 11 FT.	LF	STD
2415-2111012	PRECAST CONCRETE BOX CULVERT, 10 FT. X 12 FT.	LF	STD
2415-2111204	PRECAST CONCRETE BOX CULVERT, 12 FT. X 4 FT.	LF	STD
2415-2111205	PRECAST CONCRETE BOX CULVERT, 12 FT. X 5 FT.	LF	STD
2415-2111206	PRECAST CONCRETE BOX CULVERT, 12 FT. X 6 FT.	LF	STD
2415-2111207	PRECAST CONCRETE BOX CULVERT, 12 FT. X 7 FT.	LF	STD
2415-2111208	PRECAST CONCRETE BOX CULVERT, 12 FT. X 8 FT.	LF	STD
2415-2111209	PRECAST CONCRETE BOX CULVERT, 12 FT. X 9 FT.	LF	STD
2415-2111210	PRECAST CONCRETE BOX CULVERT, 12 FT. X 10 FT.	LF	STD
2415-2111211	PRECAST CONCRETE BOX CULVERT, 12 FT. X 11 FT.	LF	STD
2415-2111212	PRECAST CONCRETE BOX CULVERT, 12 FT. X 12 FT.	LF	STD
2415-2111404	PRECAST CONCRETE BOX CULVERT, 14 FT. X 4 FT.	LF	STD
2415-2111405	PRECAST CONCRETE BOX CULVERT, 14 FT. X 5 FT.	LF	STD
2415-2111406	PRECAST CONCRETE BOX CULVERT, 14 FT. X 6 FT.	LF	STD
2415-2111407	PRECAST CONCRETE BOX CULVERT, 14 FT. X 7 FT.	LF	STD
2415-2111408	PRECAST CONCRETE BOX CULVERT, 14 FT. X 8 FT.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2415-2111409	PRECAST CONCRETE BOX CULVERT, 14 FT. X 9 FT.	LF	STD
2415-2111410	PRECAST CONCRETE BOX CULVERT, 14 FT. X 10 FT.	LF	STD
2415-2111411	PRECAST CONCRETE BOX CULVERT, 14 FT. X 11 FT.	LF	STD
2415-2111412	PRECAST CONCRETE BOX CULVERT, 14 FT. X 12 FT.	LF	STD
2415-2111413	PRECAST CONCRETE BOX CULVERT, 14 FT. X 13 FT.	LF	STD
2415-2111414	PRECAST CONCRETE BOX CULVERT, 14 FT. X 14 FT.	LF	STD
2415-2111604	PRECAST CONCRETE BOX CULVERT, 16 FT. X 4 FT.	LF	STD
2415-2111605	PRECAST CONCRETE BOX CULVERT, 16 FT. X 5 FT.	LF	STD
2415-2111606	PRECAST CONCRETE BOX CULVERT, 16 FT. X 6 FT.	LF	STD
2415-2111607	PRECAST CONCRETE BOX CULVERT, 16 FT. X 7 FT.	LF	STD
2415-2111608	PRECAST CONCRETE BOX CULVERT, 16 FT. X 8 FT.	LF	STD
2415-2111609	PRECAST CONCRETE BOX CULVERT, 16 FT. X 9 FT.	LF	STD
2415-2111610	PRECAST CONCRETE BOX CULVERT, 16 FT. X 10 FT.	LF	STD
2415-2111611	PRECAST CONCRETE BOX CULVERT, 16 FT. X 11 FT.	LF	STD
2415-2111612	PRECAST CONCRETE BOX CULVERT, 16 FT. X 12 FT.	LF	STD
2415-2111613	PRECAST CONCRETE BOX CULVERT, 16 FT. X 13 FT.	LF	STD
2415-2111614	PRECAST CONCRETE BOX CULVERT, 16 FT. X 14 FT.	LF	STD
2415-2150000	PRECAST REINFORCED CONCRETE PEDESTRIAN TUNNEL,	LF	STD
2415-2151211	PRECAST REINFORCED CONCRETE PEDESTRIAN TUNNEL, 12 FT. X 11 FT.	LF	STD
2415-2151212	PRECAST REINFORCED CONCRETE PEDESTRIAN TUNNEL, 12 FT. X 12 FT.	LF	STD
2415-2151412	PRECAST REINFORCED CONCRETE PEDESTRIAN TUNNEL, 14 FT. X 12 FT.	LF	STD
2415-2200000	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION,	EACH	STD
2415-2200402	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 4 FT. X 2 FT.	EACH	STD
2415-2200403	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 4 FT. X 3 FT.	EACH	STD
2415-2200404	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 4 FT. X 4 FT.	EACH	STD
2415-2200603	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 6 FT. X 3 FT.	EACH	STD
2415-2200604	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 6 FT. X 4 FT.	EACH	STD
2415-2200605	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 6 FT. X 5 FT.	EACH	STD
2415-2200606	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 6 FT. X 6 FT.	EACH	STD
2415-2200607	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 6 FT. X 7 FT.	EACH	STD
2415-2200608	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 6 FT. X 8 FT.	EACH	STD
2415-2200804	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 8 FT. X 4 FT.	EACH	STD
2415-2200805	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 8 FT. X 5 FT.	EACH	STD
2415-2200806	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 8 FT. X 6 FT.	EACH	STD
2415-2200807	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 8 FT. X 7 FT.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2415-2200808	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 8 FT. X 8 FT.	EACH	STD
2415-2200809	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 8 FT. X 9 FT.	EACH	STD
2415-2200810	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 8 FT. X 10 FT.	EACH	STD
2415-2201004	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 4 FT.	EACH	STD
2415-2201005	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 5 FT.	EACH	STD
2415-2201006	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 6 FT.	EACH	STD
2415-2201007	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 7 FT.	EACH	STD
2415-2201008	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 8 FT.	EACH	STD
2415-2201009	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 9 FT.	EACH	STD
2415-2201010	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 10 FT.	EACH	STD
2415-2201011	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 11 FT.	EACH	STD
2415-2201012	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 10 FT. X 12 FT.	EACH	STD
2415-2201204	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 4 FT.	EACH	STD
2415-2201205	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 5 FT.	EACH	STD
2415-2201206	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 6 FT.	EACH	STD
2415-2201207	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 7 FT.	EACH	STD
2415-2201208	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 8 FT.	EACH	STD
2415-2201209	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 9 FT.	EACH	STD
2415-2201210	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 10 FT.	EACH	STD
2415-2201211	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 11 FT.	EACH	STD
2415-2201212	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 12 FT. X 12 FT.	EACH	STD
2415-2201404	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 4 FT.	EACH	STD
2415-2201405	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 5 FT.	EACH	STD
2415-2201406	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 6 FT.	EACH	STD
2415-2201407	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 7 FT.	EACH	STD
2415-2201408	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 8 FT.	EACH	STD
2415-2201409	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 9 FT.	EACH	STD
2415-2201410	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 10 FT.	EACH	STD
2415-2201411	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 11 FT.	EACH	STD
2415-2201412	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 12 FT.	EACH	STD
2415-2201413	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 13 FT.	EACH	STD
2415-2201414	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 14 FT. X 14 FT.	EACH	STD
2415-2201604	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 4 FT.	EACH	STD
2415-2201605	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 5 FT.	EACH	STD
2415-2201606	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 6 FT.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2415-2201607	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 7 FT.	EACH	STD
2415-2201608	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 8 FT.	EACH	STD
2415-2201609	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 9 FT.	EACH	STD
2415-2201610	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 10 FT.	EACH	STD
2415-2201611	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 11 FT.	EACH	STD
2415-2201612	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 12 FT.	EACH	STD
2415-2201613	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 13 FT.	EACH	STD
2415-2201614	PRECAST CONCRETE BOX CULVERT STRAIGHT END SECTION, 16 FT. X 14 FT.	EACH	STD
2415-2300000	PRECAST CONCRETE BOX FLARED APRON,	EACH	STD
2415-3500000	PRECAST CONCRETE THREE-SIDED CULVERT,	LF	DS
2415-3510000	PRECAST CONCRETE WINGWALL	EACH	DS
2416-0100000	RIGID PIPE APRONS,	EACH	STD
2416-0100012	APRONS, CONCRETE, 12 IN. DIA.	EACH	STD
2416-0100015	APRONS, CONCRETE, 15 IN. DIA.	EACH	STD
2416-0100018	APRONS, CONCRETE, 18 IN. DIA.	EACH	STD
2416-0100021	APRONS, CONCRETE, 21 IN. DIA.	EACH	STD
2416-0100024	APRONS, CONCRETE, 24 IN. DIA.	EACH	STD
2416-0100027	APRONS, CONCRETE, 27 IN. DIA.	EACH	STD
2416-0100030	APRONS, CONCRETE, 30 IN. DIA.	EACH	STD
2416-0100036	APRONS, CONCRETE, 36 IN. DIA.	EACH	STD
2416-0100042	APRONS, CONCRETE, 42 IN. DIA.	EACH	STD
2416-0100048	APRONS, CONCRETE, 48 IN. DIA.	EACH	STD
2416-0100054	APRONS, CONCRETE, 54 IN. DIA.	EACH	STD
2416-0100060	APRONS, CONCRETE, 60 IN. DIA.	EACH	STD
2416-0100066	APRONS, CONCRETE, 66 IN. DIA.	EACH	STD
2416-0100072	APRONS, CONCRETE, 72 IN. DIA.	EACH	STD
2416-0100078	APRONS, CONCRETE, 78 IN. DIA.	EACH	STD
2416-0100084	APRONS, CONCRETE, 84 IN. DIA.	EACH	STD
2416-0101036	REMOVE AND REINSTALL CONCRETE PIPE APRONS LESS THAN OR EQUAL TO 36 IN.	EACH	STD
2416-0101136	REMOVE AND REINSTALL CONCRETE PIPE APRONS GREATER THAN 36 IN.	EACH	STD
2416-0102218	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 18 IN.	EACH	STD
2416-0102224	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 24 IN.	EACH	STD
2416-0102230	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 30 IN.	EACH	STD
2416-0102236	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 36 IN.	EACH	STD
2416-0102242	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 42 IN.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2416-0102248	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 48 IN.	EACH	STD
2416-0102254	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 54 IN.	EACH	STD
2416-0102260	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 60 IN.	EACH	STD
2416-0102272	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 72 IN.	EACH	STD
2416-0102284	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 84 IN.	EACH	STD
2416-0102290	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 90 IN.	EACH	STD
2416-0102296	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 96 IN.	EACH	STD
2416-0102308	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 108 IN.	EACH	STD
2416-0102320	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 120 IN.	EACH	STD
2416-0102332	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 132 IN.	EACH	STD
2416-1000000	RIGID PIPE CULVERT,	LF	STD
2416-1160015	CULVERT, CONCRETE ENTRANCE PIPE, 15 IN. DIA.	LF	STD
2416-1160018	CULVERT, CONCRETE ENTRANCE PIPE, 18 IN. DIA.	LF	STD
2416-1160021	CULVERT, CONCRETE ENTRANCE PIPE, 21 IN. DIA.	LF	STD
2416-1160024	CULVERT, CONCRETE ENTRANCE PIPE, 24 IN. DIA.	LF	STD
2416-1160027	CULVERT, CONCRETE ENTRANCE PIPE, 27 IN. DIA.	LF	STD
2416-1160030	CULVERT, CONCRETE ENTRANCE PIPE, 30 IN. DIA.	LF	STD
2416-1160036	CULVERT, CONCRETE ENTRANCE PIPE, 36 IN. DIA.	LF	STD
2416-1160042	CULVERT, CONCRETE ENTRANCE PIPE, 42 IN. DIA.	LF	STD
2416-1160048	CULVERT, CONCRETE ENTRANCE PIPE, 48 IN. DIA.	LF	STD
2416-1160054	CULVERT, CONCRETE ENTRANCE PIPE, 54 IN. DIA.	LF	STD
2416-1160060	CULVERT, CONCRETE ENTRANCE PIPE, 60 IN. DIA.	LF	STD
2416-1160066	CULVERT, CONCRETE ENTRANCE PIPE, 66 IN. DIA.	LF	STD
2416-1160072	CULVERT, CONCRETE ENTRANCE PIPE, 72 IN. DIA.	LF	STD
2416-1160078	CULVERT, CONCRETE ENTRANCE PIPE, 78 IN. DIA.	LF	STD
2416-1160084	CULVERT, CONCRETE ENTRANCE PIPE, 84 IN. DIA.	LF	STD
2416-1165015	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 15 IN. DIA.	LF	STD
2416-1165018	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 18 IN. DIA.	LF	STD
2416-1165021	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 21 IN. DIA.	LF	STD
2416-1165024	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 24 IN. DIA.	LF	STD
2416-1165027	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 27 IN. DIA.	LF	STD
2416-1165030	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 30 IN. DIA.	LF	STD
2416-1165036	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 36 IN. DIA.	LF	STD
2416-1165042	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 42 IN. DIA.	LF	STD
2416-1165048	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 48 IN. DIA.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2416-1165054	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 54 IN. DIA.	LF	STD
2416-1165060	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 60 IN. DIA.	LF	STD
2416-1165066	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 66 IN. DIA.	LF	STD
2416-1165072	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 72 IN. DIA.	LF	STD
2416-1165078	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 78 IN. DIA.	LF	STD
2416-1165084	CULVERT, 2000D CONCRETE ENTRANCE PIPE, 84 IN. DIA.	LF	STD
2416-1170015	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 15 IN. DIA.	LF	STD
2416-1170018	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 18 IN. DIA.	LF	STD
2416-1170021	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 21 IN. DIA.	LF	STD
2416-1170024	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 24 IN. DIA.	LF	STD
2416-1170027	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 27 IN. DIA.	LF	STD
2416-1170030	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 30 IN. DIA.	LF	STD
2416-1170036	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 36 IN. DIA.	LF	STD
2416-1170042	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 42 IN. DIA.	LF	STD
2416-1170048	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 48 IN. DIA.	LF	STD
2416-1170054	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 54 IN. DIA.	LF	STD
2416-1170060	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 60 IN. DIA.	LF	STD
2416-1170066	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 66 IN. DIA.	LF	STD
2416-1170072	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 72 IN. DIA.	LF	STD
2416-1170078	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 78 IN. DIA.	LF	STD
2416-1170084	CULVERT, 3000D CONCRETE ENTRANCE PIPE, 84 IN. DIA.	LF	STD
2416-1180018	CULVERT, CONCRETE ROADWAY PIPE, 18 IN. DIA.	LF	STD
2416-1180021	CULVERT, CONCRETE ROADWAY PIPE, 21 IN. DIA.	LF	STD
2416-1180024	CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.	LF	STD
2416-1180027	CULVERT, CONCRETE ROADWAY PIPE, 27 IN. DIA.	LF	STD
2416-1180030	CULVERT, CONCRETE ROADWAY PIPE, 30 IN. DIA.	LF	STD
2416-1180036	CULVERT, CONCRETE ROADWAY PIPE, 36 IN. DIA.	LF	STD
2416-1180042	CULVERT, CONCRETE ROADWAY PIPE, 42 IN. DIA.	LF	STD
2416-1180048	CULVERT, CONCRETE ROADWAY PIPE, 48 IN. DIA.	LF	STD
2416-1180054	CULVERT, CONCRETE ROADWAY PIPE, 54 IN. DIA.	LF	STD
2416-1180060	CULVERT, CONCRETE ROADWAY PIPE, 60 IN. DIA.	LF	STD
2416-1180066	CULVERT, CONCRETE ROADWAY PIPE, 66 IN. DIA.	LF	STD
2416-1180072	CULVERT, CONCRETE ROADWAY PIPE, 72 IN. DIA.	LF	STD
2416-1180078	CULVERT, CONCRETE ROADWAY PIPE, 78 IN. DIA.	LF	STD
2416-1180084	CULVERT, CONCRETE ROADWAY PIPE, 84 IN. DIA.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2416-1180096	CULVERT, CONCRETE ROADWAY PIPE, 96 IN. DIA.	LF	STD
2416-1190215	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2416-1190218	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2416-1190224	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2416-1190230	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2416-1190236	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2416-1190242	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2416-1190248	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2416-1190254	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2416-1190260	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2416-1190272	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2416-1190284	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2416-1190290	CULVERT, LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 90 IN.	LF	STD
2416-1192215	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2416-1192218	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2416-1192224	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2416-1192230	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2416-1192236	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2416-1192242	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2416-1192248	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2416-1192254	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2416-1192260	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2416-1192272	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2416-1192284	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2416-1192290	CULVERT, 2000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 90 IN.	LF	STD
2416-1193215	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2416-1193218	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2416-1193224	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2416-1193230	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2416-1193236	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2416-1193242	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2416-1193248	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2416-1193254	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2416-1193260	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2416-1193272	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2416-1193284	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2416-1193290	CULVERT, 3000D LOW CLEARANCE CONCRETE ENTRANCE PIPE, EQUIVALENT DIAMETER 90 IN.	LF	STD
2416-1200218	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2416-1200224	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2416-1200230	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2416-1200236	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2416-1200242	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2416-1200248	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2416-1200254	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2416-1200260	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2416-1200272	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2416-1200284	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2416-1200290	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 90 IN.	LF	STD
2416-1200296	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 96 IN.	LF	STD
2416-1200308	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 108 IN.	LF	STD
2416-1200320	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 120 IN.	LF	STD
2416-1200332	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 132 IN.	LF	STD
2416-1202218	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2416-1202224	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2416-1202230	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2416-1202236	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2416-1202242	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2416-1202248	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2416-1202254	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2416-1202260	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2416-1202272	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2416-1202284	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2416-1202290	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 90 IN.	LF	STD
2416-1202296	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 96 IN.	LF	STD
2416-1202308	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 108 IN.	LF	STD
2416-1202320	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 120 IN.	LF	STD
2416-1202332	CULVERT, 3000D LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 132 IN.	LF	STD
2416-1240018	CULVERT, 3000D CONCRETE ROADWAY PIPE, 18 IN. DIA.	LF	STD
2416-1240021	CULVERT, 3000D CONCRETE ROADWAY PIPE, 21 IN. DIA.	LF	STD
2416-1240024	CULVERT, 3000D CONCRETE ROADWAY PIPE, 24 IN. DIA.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2416-1240027	CULVERT, 3000D CONCRETE ROADWAY PIPE, 27 IN. DIA.	LF	STD
2416-1240030	CULVERT, 3000D CONCRETE ROADWAY PIPE, 30 IN. DIA.	LF	STD
2416-1240036	CULVERT, 3000D CONCRETE ROADWAY PIPE, 36 IN. DIA.	LF	STD
2416-1240042	CULVERT, 3000D CONCRETE ROADWAY PIPE, 42 IN. DIA.	LF	STD
2416-1240048	CULVERT, 3000D CONCRETE ROADWAY PIPE, 48 IN. DIA.	LF	STD
2416-1240054	CULVERT, 3000D CONCRETE ROADWAY PIPE, 54 IN. DIA.	LF	STD
2416-1240060	CULVERT, 3000D CONCRETE ROADWAY PIPE, 60 IN. DIA.	LF	STD
2416-1240066	CULVERT, 3000D CONCRETE ROADWAY PIPE, 66 IN. DIA.	LF	STD
2416-1240072	CULVERT, 3000D CONCRETE ROADWAY PIPE, 72 IN. DIA.	LF	STD
2416-1240078	CULVERT, 3000D CONCRETE ROADWAY PIPE, 78 IN. DIA.	LF	STD
2416-1240084	CULVERT, 3000D CONCRETE ROADWAY PIPE, 84 IN. DIA.	LF	STD
2416-1245018	CULVERT, 3750D CONCRETE ROADWAY PIPE, 18 IN. DIA.	LF	STD
2416-1245024	CULVERT, 3750D CONCRETE ROADWAY PIPE, 24 IN. DIA.	LF	STD
2416-1245027	CULVERT, 3750D CONCRETE ROADWAY PIPE, 27 IN. DIA.	LF	STD
2416-1245030	CULVERT, 3750D CONCRETE ROADWAY PIPE, 30 IN. DIA.	LF	STD
2416-1245036	CULVERT, 3750D CONCRETE ROADWAY PIPE, 36 IN. DIA.	LF	STD
2416-1245042	CULVERT, 3750D CONCRETE ROADWAY PIPE, 42 IN. DIA.	LF	STD
2416-1245048	CULVERT, 3750D CONCRETE ROADWAY PIPE, 48 IN. DIA.	LF	STD
2416-1245054	CULVERT, 3750D CONCRETE ROADWAY PIPE, 54 IN. DIA.	LF	STD
2416-1245060	CULVERT, 3750D CONCRETE ROADWAY PIPE, 60 IN. DIA.	LF	STD
2416-1245066	CULVERT, 3750D CONCRETE ROADWAY PIPE, 66 IN. DIA.	LF	STD
2416-1245072	CULVERT, 3750D CONCRETE ROADWAY PIPE, 72 IN. DIA.	LF	STD
2416-1262018	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 18 IN. DIA.	LF	STD
2416-1262021	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 21 IN. DIA.	LF	STD
2416-1262024	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 24 IN. DIA.	LF	STD
2416-1262027	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 27 IN. DIA.	LF	STD
2416-1262030	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 30 IN. DIA.	LF	STD
2416-1262036	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 36 IN. DIA.	LF	STD
2416-1262042	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 42 IN. DIA.	LF	STD
2416-1262048	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 48 IN. DIA.	LF	STD
2416-1262054	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 54 IN. DIA.	LF	STD
2416-1262060	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 60 IN. DIA.	LF	STD
2416-1262066	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 66 IN. DIA.	LF	STD
2416-1262072	CULVERT, CONCRETE PIPE, 2000D, TRENCHLESS, 72 IN. DIA.	LF	STD
2416-1263018	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 18 IN. DIA.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2416-1263021	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 21 IN. DIA.	LF	STD
2416-1263024	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 24 IN. DIA.	LF	STD
2416-1263027	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 27 IN. DIA.	LF	STD
2416-1263030	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 30 IN. DIA.	LF	STD
2416-1263036	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 36 IN. DIA.	LF	STD
2416-1263042	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 42 IN. DIA.	LF	STD
2416-1263048	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 48 IN. DIA.	LF	STD
2416-1263054	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 54 IN. DIA.	LF	STD
2416-1263060	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 60 IN. DIA.	LF	STD
2416-1263066	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 66 IN. DIA.	LF	STD
2416-1263072	CULVERT, CONCRETE PIPE, 3000D, TRENCHLESS, 72 IN. DIA.	LF	STD
2416-1264018	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 18 IN. DIA.	LF	STD
2416-1264021	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 21 IN. DIA.	LF	STD
2416-1264024	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 24 IN. DIA.	LF	STD
2416-1264027	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 27 IN. DIA.	LF	STD
2416-1264030	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 30 IN. DIA.	LF	STD
2416-1264036	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 36 IN. DIA.	LF	STD
2416-1264042	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 42 IN. DIA.	LF	STD
2416-1264048	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 48 IN. DIA.	LF	STD
2416-1264054	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 54 IN. DIA.	LF	STD
2416-1264060	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 60 IN. DIA.	LF	STD
2416-1264066	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 66 IN. DIA.	LF	STD
2416-1264072	CULVERT, CONCRETE PIPE, 3750D, TRENCHLESS, 72 IN. DIA.	LF	STD
2416-1541036	REMOVE AND REINSTALL RIGID PIPE CULVERT LESS THAN OR EQUAL TO 36 IN.	LF	STD
2416-1541136	REMOVE AND REINSTALL RIGID PIPE CULVERT GREATER THAN 36 IN.	LF	STD
2416-4040015	HALF PIPE, CONCRETE, 15 IN.	LF	SRP
2416-4040018	HALF PIPE, CONCRETE, 18 IN.	LF	SRP
2416-4040021	HALF PIPE, CONCRETE, 21 IN.	LF	SRP
2416-4040024	HALF PIPE, CONCRETE, 24 IN.	LF	SRP
2416-4040027	HALF PIPE, CONCRETE, 27 IN.	LF	SRP
2416-4040030	HALF PIPE, CONCRETE, 30 IN.	LF	SRP
2416-4040036	HALF PIPE, CONCRETE, 36 IN.	LF	SRP
2416-4040042	HALF PIPE, CONCRETE, 42 IN.	LF	SRP
2416-4040048	HALF PIPE, CONCRETE, 48 IN.	LF	SRP
2416-8000204	STOCKPASS APRON, 4' X 6' PRECAST CONCRETE	EACH	PLAN

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2416-8000205	STOCKPASS APRON, 5' X 7' PRECAST CONCRETE	EACH	PLAN
2416-8000254	STOCKPASS, 4' X 6' PRECAST CONCRETE	LF	PLAN
2416-8000255	STOCKPASS, 5' X 7' PRECAST CONCRETE	LF	PLAN
2417-0225000	METAL APRONS,	EACH	PLAN
2417-0225006	APRONS, METAL, 6 IN. DIA.	EACH	STD
2417-0225008	APRONS, METAL, 8 IN. DIA.	EACH	STD
2417-0225010	APRONS, METAL, 10 IN. DIA.	EACH	STD
2417-0225012	APRONS, METAL, 12 IN. DIA.	EACH	STD
2417-0225015	APRONS, METAL, 15 IN. DIA.	EACH	STD
2417-0225018	APRONS, METAL, 18 IN. DIA.	EACH	STD
2417-0225021	APRONS, METAL, 21 IN. DIA.	EACH	STD
2417-0225024	APRONS, METAL, 24 IN. DIA.	EACH	STD
2417-0225030	APRONS, METAL, 30 IN. DIA.	EACH	STD
2417-0225036	APRONS, METAL, 36 IN. DIA.	EACH	STD
2417-0225042	APRONS, METAL, 42 IN. DIA.	EACH	STD
2417-0225048	APRONS, METAL, 48 IN. DIA.	EACH	STD
2417-0225054	APRONS, METAL, 54 IN. DIA.	EACH	STD
2417-0225060	APRONS, METAL, 60 IN. DIA.	EACH	STD
2417-0225066	APRONS, METAL, 66 IN. DIA.	EACH	STD
2417-0225072	APRONS, METAL, 72 IN. DIA.	EACH	STD
2417-0225078	APRONS, METAL, 78 IN. DIA.	EACH	STD
2417-0225084	APRONS, METAL, 84 IN. DIA.	EACH	STD
2417-0225090	APRONS, METAL, 90 IN. DIA.	EACH	STD
2417-0225096	APRONS, METAL, 96 IN. DIA.	EACH	STD
2417-0250017	APRONS, METAL, ARCH, 17 IN. X 13 IN.	EACH	STD
2417-0250021	APRONS, METAL, ARCH, 21 IN. X 15 IN.	EACH	STD
2417-0250024	APRONS, METAL, ARCH, 24 IN. X 18 IN.	EACH	STD
2417-0250028	APRONS, METAL, ARCH, 28 IN. X 20 IN.	EACH	STD
2417-0250035	APRONS, METAL, ARCH, 35 IN. X 24 IN.	EACH	STD
2417-0250042	APRONS, METAL, ARCH, 42 IN. X 29 IN.	EACH	STD
2417-0250049	APRONS, METAL, ARCH, 49 IN. X 33 IN.	EACH	STD
2417-0250057	APRONS, METAL, ARCH, 57 IN. X 38 IN.	EACH	STD
2417-0250064	APRONS, METAL, ARCH, 64 IN. X 43 IN.	EACH	STD
2417-0250071	APRONS, METAL, ARCH, 71 IN. X 47 IN.	EACH	STD
2417-0250077	APRONS, METAL, ARCH, 77 IN. X 52 IN.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2417-0250083	APRONS, METAL, ARCH, 83 IN. X 57 IN.	EACH	STD
2417-0330015	APRONS, SAFETY SLOPE, 15 IN. DIA.	EACH	STD
2417-0330018	APRONS, SAFETY SLOPE, 18 IN. DIA.	EACH	STD
2417-0330021	APRONS, SAFETY SLOPE, 21 IN. DIA.	EACH	STD
2417-0330024	APRONS, SAFETY SLOPE, 24 IN. DIA.	EACH	STD
2417-0330030	APRONS, SAFETY SLOPE, 30 IN. DIA.	EACH	STD
2417-0330036	APRONS, SAFETY SLOPE, 36 IN. DIA.	EACH	STD
2417-0330042	APRONS, SAFETY SLOPE, 42 IN. DIA.	EACH	STD
2417-0330048	APRONS, SAFETY SLOPE, 48 IN. DIA.	EACH	STD
2417-0330054	APRONS, SAFETY SLOPE, 54 IN. DIA.	EACH	STD
2417-0330060	APRONS, SAFETY SLOPE, 60 IN. DIA.	EACH	STD
2417-0341036	REMOVE AND REINSTALL METAL APRONS LESS THAN OR EQUAL TO 36 IN.	EACH	STD
2417-0341136	REMOVE AND REINSTALL METAL APRONS GREATER THAN 36 IN.	EACH	STD
2417-1007000	CORRUGATED PIPE CULVERT,	LF	PLAN
2417-1040015	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 15 IN. DIA.	LF	STD
2417-1040018	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 18 IN. DIA.	LF	STD
2417-1040021	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 21 IN. DIA.	LF	STD
2417-1040024	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 24 IN. DIA.	LF	STD
2417-1040030	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 30 IN. DIA.	LF	STD
2417-1040036	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 36 IN. DIA.	LF	STD
2417-1040042	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 42 IN. DIA.	LF	STD
2417-1040048	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 48 IN. DIA.	LF	STD
2417-1040054	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 54 IN. DIA.	LF	STD
2417-1040060	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 60 IN. DIA.	LF	STD
2417-1040066	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 66 IN. DIA.	LF	STD
2417-1040072	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 72 IN. DIA.	LF	STD
2417-1040078	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 78 IN. DIA.	LF	STD
2417-1040084	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 84 IN. DIA.	LF	STD
2417-1040090	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 90 IN. DIA.	LF	STD
2417-1040096	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 96 IN. DIA.	LF	STD
2417-1040102	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 102 IN. DIA.	LF	STD
2417-1040108	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 108 IN. DIA.	LF	STD
2417-1040114	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 114 IN. DIA.	LF	STD
2417-1040120	CULVERT, CORRUGATED METAL ENTRANCE PIPE, 120 IN. DIA.	LF	STD
2417-1060018	CULVERT, CORRUGATED METAL ROADWAY PIPE, 18 IN. DIA.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2417-1060021	CULVERT, CORRUGATED METAL ROADWAY PIPE, 21 IN. DIA.	LF	STD
2417-1060024	CULVERT, CORRUGATED METAL ROADWAY PIPE, 24 IN. DIA.	LF	STD
2417-1060030	CULVERT, CORRUGATED METAL ROADWAY PIPE, 30 IN. DIA.	LF	STD
2417-1060036	CULVERT, CORRUGATED METAL ROADWAY PIPE, 36 IN. DIA.	LF	STD
2417-1060042	CULVERT, CORRUGATED METAL ROADWAY PIPE, 42 IN. DIA.	LF	STD
2417-1060048	CULVERT, CORRUGATED METAL ROADWAY PIPE, 48 IN. DIA.	LF	STD
2417-1060054	CULVERT, CORRUGATED METAL ROADWAY PIPE, 54 IN. DIA.	LF	STD
2417-1060060	CULVERT, CORRUGATED METAL ROADWAY PIPE, 60 IN. DIA.	LF	STD
2417-1060066	CULVERT, CORRUGATED METAL ROADWAY PIPE, 66 IN. DIA.	LF	STD
2417-1060072	CULVERT, CORRUGATED METAL ROADWAY PIPE, 72 IN. DIA.	LF	STD
2417-1060078	CULVERT, CORRUGATED METAL ROADWAY PIPE, 78 IN. DIA.	LF	STD
2417-1060084	CULVERT, CORRUGATED METAL ROADWAY PIPE, 84 IN. DIA.	LF	STD
2417-1060090	CULVERT, CORRUGATED METAL ROADWAY PIPE, 90 IN. DIA.	LF	STD
2417-1060096	CULVERT, CORRUGATED METAL ROADWAY PIPE, 96 IN. DIA.	LF	STD
2417-1060102	CULVERT, CORRUGATED METAL ROADWAY PIPE, 102 IN. DIA.	LF	STD
2417-1060108	CULVERT, CORRUGATED METAL ROADWAY PIPE, 108 IN. DIA.	LF	STD
2417-1060114	CULVERT, CORRUGATED METAL ROADWAY PIPE, 114 IN. DIA.	LF	STD
2417-1060120	CULVERT, CORRUGATED METAL ROADWAY PIPE, 120 IN. DIA.	LF	STD
2417-1080017	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 17 IN. X 13 IN.	LF	STD
2417-1080021	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 21 IN. X 15 IN.	LF	STD
2417-1080024	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 24 IN. X 18 IN.	LF	STD
2417-1080028	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 28 IN. X 20 IN.	LF	STD
2417-1080035	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 35 IN. X 24 IN.	LF	STD
2417-1080042	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 42 IN. X 29 IN.	LF	STD
2417-1080049	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 49 IN. X 33 IN.	LF	STD
2417-1080057	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 57 IN. X 38 IN.	LF	STD
2417-1080060	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 60 IN. X 46 IN.	LF	STD
2417-1080064	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 64 IN. X 43 IN.	LF	STD
2417-1080066	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 66 IN. X 51 IN.	LF	STD
2417-1080071	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 71 IN. X 47 IN.	LF	STD
2417-1080073	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 73 IN. X 55 IN.	LF	STD
2417-1080077	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 77 IN. X 52 IN.	LF	STD
2417-1080081	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 81 IN. X 59 IN.	LF	STD
2417-1080083	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 83 IN. X 57 IN.	LF	STD
2417-1080087	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 87 IN. X 63 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2417-1080095	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 95 IN. X 67 IN.	LF	STD
2417-1080103	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 103 IN. X 71 IN.	LF	STD
2417-1080112	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 112 IN. X 75 IN.	LF	STD
2417-1080117	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 117 IN. X 79 IN.	LF	STD
2417-1080128	CULVERT, CORRUGATED METAL ARCH ENTRANCE PIPE, 128 IN. X 83 IN.	LF	STD
2417-1100017	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 17 IN. X 13 IN.	LF	STD
2417-1100021	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 21 IN. X 15 IN.	LF	STD
2417-1100024	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 24 IN. X 18 IN.	LF	STD
2417-1100028	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 28 IN. X 20 IN.	LF	STD
2417-1100035	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 35 IN. X 24 IN.	LF	STD
2417-1100042	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 42 IN. X 29 IN.	LF	STD
2417-1100049	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 49 IN. X 33 IN.	LF	STD
2417-1100057	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 57 IN. X 38 IN.	LF	STD
2417-1100060	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 60 IN. X 46 IN.	LF	STD
2417-1100064	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 64 IN. X 43 IN.	LF	STD
2417-1100066	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 66 IN. X 51 IN.	LF	STD
2417-1100071	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 71 IN. X 47 IN.	LF	STD
2417-1100073	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 73 IN. X 55 IN.	LF	STD
2417-1100077	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 77 IN. X 52 IN.	LF	STD
2417-1100081	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 81 IN. X 59 IN.	LF	STD
2417-1100083	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 83 IN. X 57 IN.	LF	STD
2417-1100087	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 87 IN. X 63 IN.	LF	STD
2417-1100095	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 95 IN. X 67 IN.	LF	STD
2417-1100103	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 103 IN. X 71 IN.	LF	STD
2417-1100112	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 112 IN. X 75 IN.	LF	STD
2417-1100117	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 117 IN. X 79 IN.	LF	STD
2417-1100128	CULVERT, CORRUGATED METAL ARCH ROADWAY PIPE, 128 IN. X 83 IN.	LF	STD
2417-1130015	CULVERT, CORRUGATED POLYETHYLENE ENTRANCE PIPE, 15 IN.	LF	STD
2417-1130018	CULVERT, CORRUGATED POLYETHYLENE ENTRANCE PIPE, 18 IN.	LF	STD
2417-1130024	CULVERT, CORRUGATED POLYETHYLENE ENTRANCE PIPE, 24 IN.	LF	STD
2417-1140018	CULVERT, CORRUGATED POLYETHYLENE ROADWAY PIPE, 18 IN.	LF	STD
2417-1140021	CULVERT, CORRUGATED POLYETHYLENE ROADWAY PIPE, 21 IN.	LF	STD
2417-1140024	CULVERT, CORRUGATED POLYETHYLENE ROADWAY PIPE, 24 IN.	LF	STD
2417-1140030	CULVERT, CORRUGATED POLYETHYLENE ROADWAY PIPE, 30 IN.	LF	STD
2417-1140036	CULVERT, CORRUGATED POLYETHYLENE ROADWAY PIPE, 36 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2417-1140042	CULVERT, CORRUGATED POLYETHYLENE ROADWAY PIPE, 42 IN.	LF	STD
2417-1461036	REMOVE AND REINSTALL CORRUGATED PIPE CULVERT LESS THAN OR EQUAL TO 36 IN.	LF	STD
2417-1461136	REMOVE AND REINSTALL CORRUGATED PIPE CULVERT GREATER THAN 36 IN.	LF	STD
2417-2307015	DRAIN, CORRUGATED METAL SLOTTED PIPE, 15 IN., W/6 IN. GRATE	LF	PLAN
2417-2307021	DRAIN, CORRUGATED METAL SLOTTED PIPE, 21 IN., W/6 IN. GRATE	LF	PLAN
2417-2307024	DRAIN, CORRUGATED METAL SLOTTED PIPE, 24 IN., W/6 IN. GRATE	LF	PLAN
2417-2307030	DRAIN, CORRUGATED METAL SLOTTED PIPE, 30 IN., W/6 IN. GRATE	LF	PLAN
2417-2307036	DRAIN, CORRUGATED METAL SLOTTED PIPE, 36 IN., W/6 IN. GRATE	LF	SRP
2417-2307115	DRAIN, CORRUGATED METAL SLOTTED PIPE, 15 IN., W/12 IN. GRATE	LF	PLAN
2417-3550024	SLOTTED FLUME, CORRUGATED METAL, 24 IN.	LF	PLAN
2417-3550030	SLOTTED FLUME, CORRUGATED METAL, 30 IN.	LF	PLAN
2417-3550036	SLOTTED FLUME, CORRUGATED METAL, 36 IN.	LF	PLAN
2417-3550042	SLOTTED FLUME, CORRUGATED METAL, 42 IN.	LF	PLAN
2417-3550048	SLOTTED FLUME, CORRUGATED METAL, 48 IN.	LF	PLAN
2417-3550054	SLOTTED FLUME, CORRUGATED METAL, 54 IN.	LF	PLAN
2417-5895012	BEVELED PIPE AND GUARD, 12 INCH	EACH	STD
2417-5895015	BEVELED PIPE AND GUARD, 15 INCH	EACH	STD
2417-5895018	BEVELED PIPE AND GUARD, 18 INCH	EACH	STD
2417-5895021	BEVELED PIPE AND GUARD, 21 INCH	EACH	STD
2417-5895024	BEVELED PIPE AND GUARD, 24 INCH	EACH	STD
2418-0000010	TEMPORARY STREAM DIVERSION	EACH	STD
2420-1280060	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 60 IN. DIA.	LF	STD
2420-1280066	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 66 IN. DIA.	LF	STD
2420-1280072	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 72 IN. DIA.	LF	STD
2420-1280078	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 78 IN. DIA.	LF	STD
2420-1280084	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 84 IN. DIA.	LF	STD
2420-1280090	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 90 IN. DIA.	LF	STD
2420-1280096	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 96 IN. DIA.	LF	STD
2420-1280102	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 102 IN. DIA.	LF	STD
2420-1280108	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 108 IN. DIA.	LF	STD
2420-1280114	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 114 IN. DIA.	LF	STD
2420-1280120	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 120 IN. DIA.	LF	STD
2420-1280126	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 126 IN. DIA.	LF	STD
2420-1280132	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 132 IN. DIA.	LF	STD
2420-1280138	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 138 IN. DIA.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2420-1280144	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 144 IN. DIA.	LF	STD
2420-1280150	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 150 IN. DIA.	LF	STD
2420-1280156	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 156 IN. DIA.	LF	STD
2420-1280162	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 162 IN. DIA.	LF	STD
2420-1280168	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 168 IN. DIA.	LF	STD
2420-1280174	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 174 IN. DIA.	LF	STD
2420-1280180	CULVERT, STRUCTURAL PLATE ROADWAY PIPE, 180 IN. DIA.	LF	STD
2420-1300073	CULVERT, STRUCTURAL PLATE PIPE ARCH, 73 IN. X 55 IN.	LF	STD
2420-1300084	CULVERT, STRUCTURAL PLATE PIPE ARCH, 84 IN. X 61 IN.	LF	STD
2420-1300095	CULVERT, STRUCTURAL PLATE PIPE ARCH, 95 IN. X 67 IN.	LF	STD
2420-1300106	CULVERT, STRUCTURAL PLATE PIPE ARCH, 106 IN. X 73 IN.	LF	STD
2420-1300117	CULVERT, STRUCTURAL PLATE PIPE ARCH, 117 IN. X 79 IN.	LF	STD
2420-1300131	CULVERT, STRUCTURAL PLATE PIPE ARCH, 131 IN. X 85 IN.	LF	STD
2420-1300142	CULVERT, STRUCTURAL PLATE PIPE ARCH, 142 IN. X 91 IN.	LF	STD
2420-1300154	CULVERT, STRUCTURAL PLATE PIPE ARCH, 154 IN. X 100 IN.	LF	STD
2420-1300159	CULVERT, STRUCTURAL PLATE PIPE ARCH, 159 IN. X 112 IN.	LF	STD
2420-1300170	CULVERT, STRUCTURAL PLATE PIPE ARCH, 170 IN. X 118 IN.	LF	STD
2420-1300184	CULVERT, STRUCTURAL PLATE PIPE ARCH, 184 IN. X 124 IN.	LF	STD
2420-1300195	CULVERT, STRUCTURAL PLATE PIPE ARCH, 195 IN. X 130 IN.	LF	STD
2420-1300206	CULVERT, STRUCTURAL PLATE PIPE ARCH, 206 IN. X 136 IN.	LF	STD
2420-1300217	CULVERT, STRUCTURAL PLATE PIPE ARCH, 217 IN. X 142 IN.	LF	STD
2420-1300231	CULVERT, STRUCTURAL PLATE PIPE ARCH, 231 IN. X 148 IN.	LF	STD
2420-1300239	CULVERT, STRUCTURAL PLATE PIPE ARCH, 239 IN. X 154 IN.	LF	STD
2420-1300247	CULVERT, STRUCTURAL PLATE PIPE ARCH, 247 IN. X 158 IN.	LF	STD
2422-0360000	UNCLASSIFIED APRONS,	EACH	PLAN
2422-0360015	APRONS, UNCLASSIFIED, 15 IN. DIA.	EACH	STD
2422-0360018	APRONS, UNCLASSIFIED, 18 IN. DIA.	EACH	STD
2422-0360021	APRONS, UNCLASSIFIED, 21 IN. DIA.	EACH	STD
2422-0360024	APRONS, UNCLASSIFIED, 24 IN. DIA.	EACH	STD
2422-0360030	APRONS, UNCLASSIFIED, 30 IN. DIA.	EACH	STD
2422-0360036	APRONS, UNCLASSIFIED, 36 IN. DIA.	EACH	STD
2422-0360042	APRONS, UNCLASSIFIED, 42 IN. DIA.	EACH	STD
2422-0360048	APRONS, UNCLASSIFIED, 48 IN. DIA.	EACH	STD
2422-0360054	APRONS, UNCLASSIFIED, 54 IN. DIA.	EACH	STD
2422-0360060	APRONS, UNCLASSIFIED, 60 IN. DIA.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2422-0360066	APRONS, UNCLASSIFIED, 66 IN. DIA.	EACH	STD
2422-0360072	APRONS, UNCLASSIFIED, 72 IN. DIA.	EACH	STD
2422-0360078	APRONS, UNCLASSIFIED, 78 IN. DIA.	EACH	STD
2422-0360084	APRONS, UNCLASSIFIED, 84 IN. DIA.	EACH	STD
2422-1720000	UNCLASSIFIED PIPE CULVERT,	LF	PLAN
2422-1722015	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 15 IN. DIA.	LF	STD
2422-1722018	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 18 IN. DIA.	LF	STD
2422-1722021	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 21 IN. DIA.	LF	STD
2422-1722024	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 24 IN. DIA.	LF	STD
2422-1722030	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 30 IN. DIA.	LF	STD
2422-1722036	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 36 IN. DIA.	LF	STD
2422-1722042	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 42 IN. DIA.	LF	STD
2422-1722048	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 48 IN. DIA.	LF	STD
2422-1722054	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 54 IN. DIA.	LF	STD
2422-1722060	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 60 IN. DIA.	LF	STD
2422-1722066	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 66 IN. DIA.	LF	STD
2422-1722072	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 72 IN. DIA.	LF	STD
2422-1722078	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 78 IN. DIA.	LF	STD
2422-1722084	CULVERT, UNCLASSIFIED ENTRANCE PIPE, 84 IN. DIA.	LF	STD
2422-1723018	CULVERT, UNCLASSIFIED ROADWAY PIPE, 18 IN. DIA.	LF	STD
2422-1723021	CULVERT, UNCLASSIFIED ROADWAY PIPE, 21 IN. DIA.	LF	STD
2422-1723024	CULVERT, UNCLASSIFIED ROADWAY PIPE, 24 IN. DIA.	LF	STD
2422-1723030	CULVERT, UNCLASSIFIED ROADWAY PIPE, 30 IN. DIA.	LF	STD
2422-1723036	CULVERT, UNCLASSIFIED ROADWAY PIPE, 36 IN. DIA.	LF	STD
2422-1723042	CULVERT, UNCLASSIFIED ROADWAY PIPE, 42 IN. DIA.	LF	STD
2422-1723048	CULVERT, UNCLASSIFIED ROADWAY PIPE, 48 IN. DIA.	LF	STD
2422-1723054	CULVERT, UNCLASSIFIED ROADWAY PIPE, 54 IN. DIA.	LF	STD
2422-1723060	CULVERT, UNCLASSIFIED ROADWAY PIPE, 60 IN. DIA.	LF	STD
2422-1723066	CULVERT, UNCLASSIFIED ROADWAY PIPE, 66 IN. DIA.	LF	STD
2422-1723072	CULVERT, UNCLASSIFIED ROADWAY PIPE, 72 IN. DIA.	LF	STD
2422-1723078	CULVERT, UNCLASSIFIED ROADWAY PIPE, 78 IN. DIA.	LF	STD
2422-1723084	CULVERT, UNCLASSIFIED ROADWAY PIPE, 84 IN. DIA.	LF	STD
2423-0001000	ROADSIDE DYNAMIC MESSAGE SIGN (D.M.S.) SUPPORT	EACH	SBP
2423-0001001	ROADSIDE DYNAMIC MESSAGE SIGN (D.M.S.), INSTALL	EACH	PLAN
2423-0001010	DYNAMIC MESSAGE SIGN (D.M.S.) INSTALLATION	EACH	SP2

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2423-1010500	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 50 FT. SPAN	EACH	STD4
2423-1010550	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 55 FT. SPAN	EACH	STD4
2423-1010600	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 60 FT. SPAN	EACH	STD4
2423-1010650	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 65 FT. SPAN	EACH	STD4
2423-1010700	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 70 FT. SPAN	EACH	STD4
2423-1010750	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 75 FT. SPAN	EACH	STD4
2423-1010800	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 80 FT. SPAN	EACH	STD4
2423-1010850	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 85 FT. SPAN	EACH	STD4
2423-1010900	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 90 FT. SPAN	EACH	STD4
2423-1010950	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 95 FT. SPAN	EACH	STD4
2423-1011000	OVERHEAD SIGN SUPPORT STRUCTURE, ALUMINUM SUPERSTRUCTURE, 100 FT. SPAN	EACH	STD4
2423-1051300	STEEL CANTILEVER SIGN TRUSS, 30 FT. ARM	EACH	STD4
2423-1051320	STEEL CANTILEVER SIGN TRUSS, 32 FT. ARM	EACH	STD4
2423-1051340	STEEL CANTILEVER SIGN TRUSS, 34 FT. ARM	EACH	STD4
2423-1051360	STEEL CANTILEVER SIGN TRUSS, 36 FT. ARM	EACH	STD4
2423-1051380	STEEL CANTILEVER SIGN TRUSS, 38 FT. ARM	EACH	STD4
2423-1051400	STEEL CANTILEVER SIGN TRUSS, 40 FT. ARM	EACH	STD4
2423-1060050	STEEL OVERHEAD SIGN TRUSS, 50 FT. SPAN	EACH	STD4
2423-1060055	STEEL OVERHEAD SIGN TRUSS, 55 FT. SPAN	EACH	STD4
2423-1060060	STEEL OVERHEAD SIGN TRUSS, 60 FT. SPAN	EACH	STD4
2423-1060065	STEEL OVERHEAD SIGN TRUSS, 65 FT. SPAN	EACH	STD4
2423-1060070	STEEL OVERHEAD SIGN TRUSS, 70 FT. SPAN	EACH	STD4
2423-1060075	STEEL OVERHEAD SIGN TRUSS, 75 FT. SPAN	EACH	STD4
2423-1060080	STEEL OVERHEAD SIGN TRUSS, 80 FT. SPAN	EACH	STD4
2423-1060085	STEEL OVERHEAD SIGN TRUSS, 85 FT. SPAN	EACH	STD4
2423-1060090	STEEL OVERHEAD SIGN TRUSS, 90 FT. SPAN	EACH	STD4
2423-1060095	STEEL OVERHEAD SIGN TRUSS, 95 FT. SPAN	EACH	STD4
2423-1060100	STEEL OVERHEAD SIGN TRUSS, 100 FT. SPAN	EACH	STD4
2423-1060105	STEEL OVERHEAD SIGN TRUSS, 105 FT. SPAN	EACH	STD4
2423-1060110	STEEL OVERHEAD SIGN TRUSS, 110 FT. SPAN	EACH	STD4
2423-1060115	STEEL OVERHEAD SIGN TRUSS, 115 FT. SPAN	EACH	STD4
2423-1060120	STEEL OVERHEAD SIGN TRUSS, 120 FT. SPAN	EACH	STD4
2423-1060125	STEEL OVERHEAD SIGN TRUSS, 125 FT. SPAN	EACH	STD4
2423-1060130	STEEL OVERHEAD SIGN TRUSS, 130 FT. SPAN	EACH	STD4
2423-9070000	BRIDGE-MOUNTED SIGN SUPPORT MODIFICATION	EACH	PLAN

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2423-9070012	BRIDGE-MOUNTED SIGN SUPPORT, 2 BRACKET, STEEL	EACH	PLAN
2423-9070013	BRIDGE-MOUNTED SIGN SUPPORT, 3 BRACKET, STEEL	EACH	PLAN
2423-9070014	BRIDGE-MOUNTED SIGN SUPPORT, 4 BRACKET, STEEL	EACH	PLAN
2423-9300000	BRACKET ASSEMBLY, LIGHT POLE	EACH	PLAN
2424-6772250	SHOTCRETE	SF	STD
2426-2629000	EPOXY	GAL	PLAN
2426-6772010	BEAM REPAIR, AS PER PLAN	LS	DS
2426-6772011	BEAM REPAIR, AS PER PLAN	SF	PLAN
2426-6772013	REPAIR BEAM ENDS	EACH	PLAN
2426-6772016	CONCRETE REPAIR	SF	STD
2426-6772020	PARTIAL DEPTH BRIDGE DECK FINISH PATCH	SF	DS
2426-6772120	BRIDGE REPAIR	LS	PLAN
2427-0686010	BRIDGE CLEANING	LS	STD
2429-0000100	PRE-ENGINEERED STEEL TRUSS TRAIL BRIDGE,	EACH	STD
2430-0000100	MODULAR BLOCK RETAINING WALL	SF	STD
2431-0000100	SEGMENTAL BLOCK RETAINING WALL	SF	STD
2432-0000100	MECHANICALLY STABILIZED EARTH RETAINING WALL	SF	STD
2432-0000500	GRANULAR BACKFILL, MSE WALL	CY	STD
2432-0000501	GRANULAR BACKFILL, MSE WALL	TON	STD
2433-0001024	CONCRETE DRILLED SHAFT, 24 IN. DIAMETER	LF	STD
2433-0001030	CONCRETE DRILLED SHAFT, 30 IN. DIAMETER	LF	STD
2433-0001036	CONCRETE DRILLED SHAFT, 36 IN. DIAMETER	LF	STD
2433-0001042	CONCRETE DRILLED SHAFT, 42 IN. DIAMETER	LF	STD
2433-0001048	CONCRETE DRILLED SHAFT, 48 IN. DIAMETER	LF	STD
2433-0001054	CONCRETE DRILLED SHAFT, 54 IN. DIAMETER	LF	STD
2433-0001060	CONCRETE DRILLED SHAFT, 60 IN. DIAMETER	LF	STD
2433-0001072	CONCRETE DRILLED SHAFT, 72 IN. DIAMETER	LF	STD
2433-0001078	CONCRETE DRILLED SHAFT, 78 IN. DIAMETER	LF	STD
2433-0002000	LOAD CELL TEST	EACH	STD
2433-0003000	DEMONSTRATION SHAFT	LF	STD
2434-0000100	DISC BEARING ASSEMBLIES	EACH	STD
2435-0130148	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	EACH	STD
2435-0130160	MANHOLE, SANITARY SEWER, SW-301, 60 IN.	EACH	STD
2435-0130172	MANHOLE, SANITARY SEWER, SW-301, 72 IN.	EACH	STD
2435-0130184	MANHOLE, SANITARY SEWER, SW-301, 84 IN.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2435-0130196	MANHOLE, SANITARY SEWER, SW-301, 96 IN.	EACH	STD
2435-0130200	MANHOLE, SANITARY SEWER, SW-302	EACH	STD
2435-0130202	MANHOLE, SANITARY SEWER, SW-302, WELL ONLY	EACH	STD
2435-0130204	MANHOLE, SANITARY SEWER, SW-302, TOP ONLY	EACH	STD
2435-0130210	MANHOLE, SANITARY SEWER, SW-302 MODIFIED	EACH	STD
2435-0130212	MANHOLE, SANITARY SEWER, SW-302 MODIFIED, WELL ONLY	EACH	STD
2435-0130214	MANHOLE, SANITARY SEWER, SW-302 MODIFIED, TOP ONLY	EACH	STD
2435-0130348	MANHOLE, SANITARY SEWER, SW-303, 48 IN.	EACH	STD
2435-0130360	MANHOLE, SANITARY SEWER, SW-303, 60 IN.	EACH	STD
2435-0130372	MANHOLE, SANITARY SEWER, SW-303, 72 IN.	EACH	STD
2435-0130384	MANHOLE, SANITARY SEWER, SW-303, 84 IN.	EACH	STD
2435-0130396	MANHOLE, SANITARY SEWER, SW-303, 96 IN.	EACH	STD
2435-0130400	MANHOLE, SANITARY SEWER, SW-304	EACH	STD
2435-0130402	MANHOLE, SANITARY SEWER, SW-304, WELL ONLY	EACH	STD
2435-0130404	MANHOLE, SANITARY SEWER, SW-304, TOP ONLY	EACH	STD
2435-0130410	MANHOLE, SANITARY SEWER, SW-304 MODIFIED	EACH	STD
2435-0130412	MANHOLE, SANITARY SEWER, SW-304 MODIFIED, WELL ONLY	EACH	STD
2435-0130414	MANHOLE, SANITARY SEWER, SW-304 MODIFIED, TOP ONLY	EACH	STD
2435-0130500	MANHOLE, SANITARY SEWER, SW-305	EACH	STD
2435-0140148	MANHOLE, STORM SEWER, SW-401, 48 IN.	EACH	STD
2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 IN.	EACH	STD
2435-0140172	MANHOLE, STORM SEWER, SW-401, 72 IN.	EACH	STD
2435-0140184	MANHOLE, STORM SEWER, SW-401, 84 IN.	EACH	STD
2435-0140196	MANHOLE, STORM SEWER, SW-401, 96 IN.	EACH	STD
2435-0140200	MANHOLE, STORM SEWER, SW-402	EACH	STD
2435-0140202	MANHOLE, STORM SEWER, SW-402, WELL ONLY	EACH	STD
2435-0140204	MANHOLE, STORM SEWER, SW-402, TOP ONLY	EACH	STD
2435-0140210	MANHOLE, STORM SEWER, SW-402 MODIFIED	EACH	STD
2435-0140212	MANHOLE, STORM SEWER, SW-402 MODIFIED, WELL ONLY	EACH	STD
2435-0140214	MANHOLE, STORM SEWER, SW-402 MODIFIED, TOP ONLY	EACH	STD
2435-0140300	MANHOLE, STORM SEWER, SW-403	EACH	STD
2435-0140302	MANHOLE, STORM SEWER, SW-403, WELL ONLY	EACH	STD
2435-0140304	MANHOLE, STORM SEWER, SW-403, TOP ONLY	EACH	STD
2435-0140310	MANHOLE, STORM SEWER, SW-403 MODIFIED	EACH	STD
2435-0140312	MANHOLE, STORM SEWER, SW-403 MODIFIED, WELL ONLY	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2435-0140314	MANHOLE, STORM SEWER, SW-403 MODIFIED, TOP ONLY	EACH	STD
2435-0140400	MANHOLE, STORM SEWER, SW-404	EACH	STD
2435-0140402	MANHOLE, STORM SEWER, SW-404, WELL ONLY	EACH	STD
2435-0140404	MANHOLE, STORM SEWER, SW-404, TOP ONLY	EACH	STD
2435-0140410	MANHOLE, STORM SEWER, SW-404 MODIFIED	EACH	STD
2435-0140412	MANHOLE, STORM SEWER, SW-404 MODIFIED, WELL ONLY	EACH	STD
2435-0140414	MANHOLE, STORM SEWER, SW-404 MODIFIED, TOP ONLY	EACH	STD
2435-0140500	MANHOLE, STORM SEWER, SW-405	EACH	STD
2435-0140600	MANHOLE, STORM SEWER, SW-406	EACH	STD
2435-0250100	INTAKE, SW-501	EACH	STD
2435-0250102	INTAKE, SW-501, WELL ONLY	EACH	STD
2435-0250104	INTAKE, SW-501, TOP ONLY	EACH	STD
2435-0250110	INTAKE, SW-501 MODIFIED	EACH	STD
2435-0250112	INTAKE, SW-501 MODIFIED, WELL ONLY	EACH	STD
2435-0250114	INTAKE, SW-501 MODIFIED, TOP ONLY	EACH	STD
2435-0250248	INTAKE, SW-502, 48 IN.	EACH	STD
2435-0250260	INTAKE, SW-502, 60 IN.	EACH	STD
2435-0250272	INTAKE, SW-502, 72 IN.	EACH	STD
2435-0250284	INTAKE, SW-502, 84 IN.	EACH	STD
2435-0250296	INTAKE, SW-502, 96 IN.	EACH	STD
2435-0250300	INTAKE, SW-503	EACH	STD
2435-0250302	INTAKE, SW-503, WELL ONLY	EACH	STD
2435-0250304	INTAKE, SW-503, TOP ONLY	EACH	STD
2435-0250310	INTAKE, SW-503 MODIFIED	EACH	STD
2435-0250312	INTAKE, SW-503 MODIFIED, WELL ONLY	EACH	STD
2435-0250314	INTAKE, SW-503 MODIFIED, TOP ONLY	EACH	STD
2435-0250400	INTAKE, SW-504	EACH	STD
2435-0250402	INTAKE, SW-504, WELL ONLY	EACH	STD
2435-0250404	INTAKE, SW-504, TOP ONLY	EACH	STD
2435-0250410	INTAKE, SW-504 MODIFIED	EACH	STD
2435-0250412	INTAKE, SW-504 MODIFIED, WELL ONLY	EACH	STD
2435-0250414	INTAKE, SW-504 MODIFIED, TOP ONLY	EACH	STD
2435-0250500	INTAKE, SW-505	EACH	STD
2435-0250502	INTAKE, SW-505, WELL ONLY	EACH	STD
2435-0250504	INTAKE, SW-505, TOP ONLY	EACH	STD

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2435-0250510	INTAKE, SW-505 MODIFIED	EACH	STD
2435-0250512	INTAKE, SW-505 MODIFIED, WELL ONLY	EACH	STD
2435-0250514	INTAKE, SW-505 MODIFIED, TOP ONLY	EACH	STD
2435-0250600	INTAKE, SW-506	EACH	STD
2435-0250602	INTAKE, SW-506, WELL ONLY	EACH	STD
2435-0250604	INTAKE, SW-506, TOP ONLY	EACH	STD
2435-0250610	INTAKE, SW-506 MODIFIED	EACH	STD
2435-0250612	INTAKE, SW-506 MODIFIED, WELL ONLY	EACH	STD
2435-0250614	INTAKE, SW-506 MODIFIED, TOP ONLY	EACH	STD
2435-0250700	INTAKE, SW-507	EACH	STD
2435-0250702	INTAKE, SW-507, WELL ONLY	EACH	STD
2435-0250704	INTAKE, SW-507, TOP ONLY	EACH	STD
2435-0250710	INTAKE, SW-507 MODIFIED	EACH	STD
2435-0250712	INTAKE, SW-507 MODIFIED, WELL ONLY	EACH	STD
2435-0250714	INTAKE, SW-507 MODIFIED, TOP ONLY	EACH	STD
2435-0250800	INTAKE, SW-508	EACH	STD
2435-0250802	INTAKE, SW-508, WELL ONLY	EACH	STD
2435-0250804	INTAKE, SW-508, TOP ONLY	EACH	STD
2435-0250810	INTAKE, SW-508 MODIFIED	EACH	STD
2435-0250812	INTAKE, SW-508 MODIFIED, WELL ONLY	EACH	STD
2435-0250814	INTAKE, SW-508 MODIFIED, TOP ONLY	EACH	STD
2435-0250900	INTAKE, SW-509	EACH	STD
2435-0250902	INTAKE, SW-509, WELL ONLY	EACH	STD
2435-0250904	INTAKE, SW-509, TOP ONLY	EACH	STD
2435-0250910	INTAKE, SW-509 MODIFIED	EACH	STD
2435-0250912	INTAKE, SW-509 MODIFIED, WELL ONLY	EACH	STD
2435-0250914	INTAKE, SW-509 MODIFIED, TOP ONLY	EACH	STD
2435-0251000	INTAKE, SW-510	EACH	STD
2435-0251002	INTAKE, SW-510, WELL ONLY	EACH	STD
2435-0251004	INTAKE, SW-510, TOP ONLY	EACH	STD
2435-0251010	INTAKE, SW-510 MODIFIED	EACH	STD
2435-0251012	INTAKE, SW-510 MODIFIED, WELL ONLY	EACH	STD
2435-0251014	INTAKE, SW-510 MODIFIED, TOP ONLY	EACH	STD
2435-0251100	INTAKE, SW-511	EACH	STD
2435-0251102	INTAKE, SW-511, WELL ONLY	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2435-0251104	INTAKE, SW-511, TOP ONLY	EACH	STD
2435-0251110	INTAKE, SW-511 MODIFIED	EACH	STD
2435-0251112	INTAKE, SW-511 MODIFIED, WELL ONLY	EACH	STD
2435-0251114	INTAKE, SW-511 MODIFIED, TOP ONLY	EACH	STD
2435-0251218	INTAKE, SW-512, 18 IN.	EACH	STD
2435-0251219	INTAKE, SW-512, 18 IN., WELL ONLY	EACH	STD
2435-0251220	INTAKE, SW-512, 18 IN., TOP ONLY	EACH	STD
2435-0251224	INTAKE, SW-512, 24 IN.	EACH	STD
2435-0251225	INTAKE, SW-512, 24 IN., WELL ONLY	EACH	STD
2435-0251226	INTAKE, SW-512, 24 IN., TOP ONLY	EACH	STD
2435-0251230	INTAKE, SW-512, 30 IN.	EACH	STD
2435-0251231	INTAKE, SW-512, 30 IN., WELL ONLY	EACH	STD
2435-0251232	INTAKE, SW-512, 30 IN., TOP ONLY	EACH	STD
2435-0251236	INTAKE, SW-512, 36 IN.	EACH	STD
2435-0251237	INTAKE, SW-512, 36 IN., WELL ONLY	EACH	STD
2435-0251238	INTAKE, SW-512, 36 IN., TOP ONLY	EACH	STD
2435-0251300	INTAKE, SW-513	EACH	STD
2435-0251310	INTAKE, SW-513 MODIFIED	EACH	STD
2435-0252100	LINEAR TRENCH DRAIN, SW-521	LF	STD5
2435-0254100	INTAKE, SW-541	EACH	STD
2435-0254102	INTAKE, SW-541, WELL ONLY	EACH	STD
2435-0254104	INTAKE, SW-541, TOP ONLY	EACH	STD
2435-0254110	INTAKE, SW-541 MODIFIED	EACH	STD
2435-0254112	INTAKE, SW-541 MODIFIED, WELL ONLY	EACH	STD
2435-0254114	INTAKE, SW-541 MODIFIED, TOP ONLY	EACH	STD
2435-0254200	INTAKE EXTENSION UNIT, SW-542	EACH	STD
2435-0254210	INTAKE EXTENSION UNIT, SW-542 MODIFIED	EACH	STD
2435-0254500	INTAKE, SW-545	EACH	STD
2435-0254502	INTAKE, SW-545, WELL ONLY	EACH	STD
2435-0254504	INTAKE, SW-545, TOP ONLY	EACH	STD
2435-0254510	INTAKE, SW-545 MODIFIED	EACH	STD
2435-0254512	INTAKE, SW-545 MODIFIED, WELL ONLY	EACH	STD
2435-0254514	INTAKE, SW-545 MODIFIED, TOP ONLY	EACH	STD
2435-0254600	INTAKE, SW-546	EACH	STD
2435-0254602	INTAKE, SW-546, WELL ONLY	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2435-0254604	INTAKE, SW-546, TOP ONLY	EACH	STD
2435-0254610	INTAKE, SW-546 MODIFIED	EACH	STD
2435-0254612	INTAKE, SW-546 MODIFIED, WELL ONLY	EACH	STD
2435-0254614	INTAKE, SW-546 MODIFIED, TOP ONLY	EACH	STD
2435-0254700	BARRIER INTAKE, SW-547	EACH	STD
2435-0254702	BARRIER INTAKE, SW-547, WELL ONLY	EACH	STD
2435-0254704	BARRIER INTAKE, SW-547, TOP ONLY	EACH	STD
2435-0254710	BARRIER INTAKE, SW-547 MODIFIED	EACH	STD
2435-0254712	BARRIER INTAKE, SW-547 MODIFIED, WELL ONLY	EACH	STD
2435-0254714	BARRIER INTAKE, SW-547 MODIFIED, TOP ONLY	EACH	STD
2435-0254800	BARRIER INTAKE, SW-548	EACH	STD
2435-0254802	BARRIER INTAKE, SW-548, WELL ONLY	EACH	STD
2435-0254804	BARRIER INTAKE, SW-548, TOP ONLY	EACH	STD
2435-0254810	BARRIER INTAKE, SW-548 MODIFIED	EACH	STD
2435-0254812	BARRIER INTAKE, SW-548 MODIFIED, WELL ONLY	EACH	STD
2435-0254814	BARRIER INTAKE, SW-548 MODIFIED, TOP ONLY	EACH	STD
2435-0254900	BARRIER INTAKE, SW-549	EACH	STD
2435-0254902	BARRIER INTAKE, SW-549, WELL ONLY	EACH	STD
2435-0254904	BARRIER INTAKE, SW-549, TOP ONLY	EACH	STD
2435-0254910	BARRIER INTAKE, SW-549 MODIFIED	EACH	STD
2435-0254912	BARRIER INTAKE, SW-549 MODIFIED, WELL ONLY	EACH	STD
2435-0254914	BARRIER INTAKE, SW-549 MODIFIED, TOP ONLY	EACH	STD
2435-0256200	INTAKE, SW-562	EACH	STD
2435-0256202	INTAKE, SW-562, WELL ONLY	EACH	STD
2435-0256204	INTAKE, SW-562, TOP ONLY	EACH	STD
2435-0256210	INTAKE, SW-562 MODIFIED	EACH	STD
2435-0256212	INTAKE, SW-562 MODIFIED, WELL ONLY	EACH	STD
2435-0256214	INTAKE, SW-562 MODIFIED, TOP ONLY	EACH	STD
2435-0256300	INTAKE, SW-563	EACH	STD5
2435-0256302	INTAKE, SW-563, WELL ONLY	EACH	STD5
2435-0256304	INTAKE, SW-563, TOP ONLY	EACH	STD5
2435-0256310	INTAKE, SW-563 MODIFIED	EACH	STD5
2435-0256312	INTAKE, SW-563 MODIFIED, WELL ONLY	EACH	STD5
2435-0256314	INTAKE, SW-563 MODIFIED, TOP ONLY	EACH	STD5
2435-0400000	EXTERNAL DROP CONNECTION, SW-307	EACH	STD5

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2435-0400308	INTERNAL DROP CONNECTION, SW-308	EACH	STD5
2435-0500000	CASTING EXTENSION RINGS	EACH	STD
2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	STD
2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	STD
2435-0600110	INTAKE ADJUSTMENT, MINOR	EACH	STD
2435-0600120	INTAKE ADJUSTMENT, MAJOR	EACH	STD
2435-0700010	CONNECTION TO EXISTING MANHOLE	EACH	STD
2435-0700020	CONNECTION TO EXISTING INTAKE	EACH	STD
2435-0800350	TRAVEL TRAILER DUMP STATION, SW-350	EACH	PLAN
2435-0900000	BRIDGE END DRAIN, SW-538	EACH	SRP
2436-0000100	PRECAST NOISE WALL	SF	STD
2499-0100000	PIPE INSTALLED BY TRENCHLESS CONSTRUCTION,	LF	STD
2499-0700008	ERECT DETOUR BRIDGE UNITS	LS	PLAN
2499-0700009	HAUL DETOUR BRIDGE UNITS	LS	PLAN
2499-0700070	BRIDGE RAISING	LS	PLAN
2499-0800000	PAVING NOTCH REPLACEMENT	LF	PLAN
2499-0926010	CRUSHED BRICK	TON	PLAN
2499-2300001	DECK DRAINS	LS	PLAN
2499-2300002	BRIDGE DRAINAGE SYSTEM	LS	PLAN
2499-2300026	DRAIN EXTENSIONS	EACH	PLAN
2499-3575000	SPECIAL FLUME	EACH	PLAN
2499-4000036	SLIPLINING EXISTING CULVERTS, LESS THAN OR EQUAL TO 36 IN. DIA. OR HEIGHT	LF	DS
2499-4000136	SLIPLINING EXISTING CULVERTS, GREATER THAN 36 IN. DIA. OR HEIGHT	LF	DS
2499-6000000	BAFFLE OR WEIR FOR REINFORCED CONCRETE BOX CULVERT	LF	PLAN
2499-6000100	CLEAN OUT PIPE CULVERT	LF	PLAN
2499-6000200	SEALER COAT FOR PRESTRESSED CONCRETE BEAM ENDS	EACH	PLAN
2499-7000000	PCC STEPS	SF	SS
2499-9000000	MODULAR EXPANSION JOINT ASSEMBLY	LF	DS
2499-9000100	MODULAR EXPANSION JOINT ASSEMBLY LEAK TESTING	EACH	DS
2501-0100010	PILES, WOOD (TREATED TIMBER FOUNDATION PILES)	LF	STD
2501-0100020	PILES, OVERSIZE WOOD (TREATED TIMBER FOUNDATON PILES)	LF	STD
2501-0100030	PILES, WOOD (TREATED TIMBER TRESTLE PILES)	LF	STD
2501-0100040	PILES, OVERSIZE WOOD (TREATED TIMBER TRESTLE PLIES)	LF	STD
2501-0200836	PILES, STEEL, HP 8 X 36	LF	STD
2501-0201042	PILES, STEEL, HP 10 X 42	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2501-0201057	PILES, STEEL, HP 10 X 57	LF	STD
2501-0201253	PILES, STEEL, HP 12 X 53	LF	STD
2501-0201263	PILES, STEEL, HP 12 X 63	LF	STD
2501-0201274	PILES, STEEL, HP 12 X 74	LF	STD
2501-0201284	PILES, STEEL, HP 12 X 84	LF	STD
2501-0201473	PILES, STEEL, HP 14 X 73	LF	STD
2501-0201489	PILES, STEEL, HP 14 X 89	LF	STD
2501-0201502	PILES, STEEL, HP 14 X 102	LF	STD
2501-0201517	PILES, STEEL, HP 14 X 117	LF	STD
2501-0301014	PILES, STEEL PIPE, 14 IN. (P10A TYPE 1)	LF	STD
2501-0301016	PILES, STEEL PIPE, 16 IN. (P10A TYPE 1)	LF	STD
2501-0308014	PILES, STEEL PIPE, 14 IN. (P10L TYPE 1)	LF	STD
2501-0308016	PILES, STEEL PIPE, 16 IN. (P10L TYPE 1)	LF	STD
2501-2500010	DYNAMIC PILE TEST	LS	STD
2501-5374050	PILE LOADING TESTS	LS	STD
2501-5374060	TEST PILE	LS	STD
2501-5475042	CONCRETE ENCASMENT OF STEEL H PILES, HP 10 X 42 (P10A TYPE 3)	LF	STD
2501-5475053	CONCRETE ENCASMENT OF STEEL H PILES, HP 12 X 53 (P10A TYPE 3)	LF	STD
2501-5476057	CONCRETE ENCASMENT OF STEEL H PILES, HP 10 X 57 (P10A TYPE 3)	LF	STD
2501-5478042	CONCRETE ENCASMENT OF STEEL H PILES, HP 10 X 42 (P10L TYPE 3)	LF	STD
2501-5478053	CONCRETE ENCASMENT OF STEEL H PILES, HP 12 X 53 (P10L TYPE 3)	LF	STD
2501-5478057	CONCRETE ENCASMENT OF STEEL H PILES, HP 10 X 57 (P10L TYPE 3)	LF	STD
2501-5478073	CONCRETE ENCASMENT OF STEEL H PILES, HP 14 X 73 (P10L TYPE 3)	LF	STD
2501-5478089	CONCRETE ENCASMENT OF STEEL H PILES, HP 14 X 89 (P10L TYPE 3)	LF	STD
2501-5650212	PILES, PRESTRESSED CONCRETE, 12 IN. (BR.STD. 1046)	LF	STD
2501-5650214	PILES, PRESTRESSED CONCRETE, 14 IN. (P10A TYPE 2)	LF	STD
2501-5650216	PILES, PRESTRESSED CONCRETE, 16 IN. (P10A TYPE 2)	LF	STD
2501-5658214	PILES, PRESTRESSED CONCRETE, 14 IN. (P10L TYPE 2)	LF	STD
2501-5658216	PILES, PRESTRESSED CONCRETE, 16 IN. (P10L TYPE 2)	LF	STD
2501-5774000	PILES, CONCRETE SHEET	SF	STD
2501-5775000	PILES, STEEL SHEET	SF	STD
2501-6335010	PREBORED HOLES	LF	STD
2501-8400170	TEMPORARY SHEET PILES AND SHORING	LS	PLAN
2501-8400171	TEMPORARY SHEET PILE, RETAINING WALL	LS	PLAN
2501-8400172	TEMPORARY SHORING	LS	PLAN

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2501-8400179	TEMPORARY SUPPORTS	LS	PLAN
2502-2301000	FIN DRAIN, AS PER PLAN	LF	PLAN
2502-2308100	TRENCH DRAIN	LF	STD
2502-4388050	INTAKE, STANDPIPE, AS PER PLAN	EACH	STD
2502-4388106	INTAKE, STANDPIPE, 6 IN., AS PER PLAN	EACH	STD
2502-4388108	INTAKE, STANDPIPE, 8 IN., AS PER PLAN	EACH	STD
2502-6745952	REMOVAL OF SUBDRAIN	LF	PLAN
2502-8212024	SUBDRAIN, LONGITUDINAL, (BACKSLOPE) 4 IN. DIA.	LF	STD
2502-8212026	SUBDRAIN, LONGITUDINAL, (BACKSLOPE) 6 IN. DIA.	LF	STD
2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	LF	STD
2502-8212036	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	STD
2502-8212104	SUBDRAIN, PLASTIC PIPE, 4 IN.	LF	STD
2502-8212106	SUBDRAIN, PLASTIC PIPE, 6 IN.	LF	STD
2502-8212108	SUBDRAIN, PLASTIC PIPE, 8 IN.	LF	STD
2502-8212110	SUBDRAIN, PLASTIC PIPE, 10 IN.	LF	STD
2502-8212112	SUBDRAIN, PLASTIC PIPE, 12 IN.	LF	STD
2502-8212115	SUBDRAIN, PLASTIC PIPE, 15 IN.	LF	STD
2502-8212118	SUBDRAIN, PLASTIC PIPE, 18 IN.	LF	STD
2502-8212204	SUBDRAIN, PERFORATED PLASTIC PIPE, 4 IN. DIA.	LF	STD
2502-8212206	SUBDRAIN, PERFORATED PLASTIC PIPE, 6 IN. DIA.	LF	STD
2502-8212208	SUBDRAIN, PERFORATED PLASTIC PIPE, 8 IN. DIA.	LF	STD
2502-8212210	SUBDRAIN, PERFORATED PLASTIC PIPE, 10 IN. DIA.	LF	STD
2502-8212212	SUBDRAIN, PERFORATED PLASTIC PIPE, 12 IN. DIA.	LF	STD
2502-8212304	SUBDRAIN, STANDARD, PERFORATED, 4 IN., AS PER PLAN	LF	STD
2502-8212306	SUBDRAIN, STANDARD, PERFORATED, 6 IN., AS PER PLAN	LF	STD
2502-8212308	SUBDRAIN, STANDARD, PERFORATED, 8 IN., AS PER PLAN	LF	STD
2502-8212310	SUBDRAIN, STANDARD, PERFORATED, 10 IN., AS PER PLAN	LF	STD
2502-8212312	SUBDRAIN, STANDARD, PERFORATED, 12 IN., AS PER PLAN	LF	STD
2502-8212404	SUBDRAIN, STANDARD, NON-PERFORATED, 4 IN., AS PER PLAN	LF	STD
2502-8212406	SUBDRAIN, STANDARD, NON-PERFORATED, 6 IN., AS PER PLAN	LF	STD
2502-8212408	SUBDRAIN, STANDARD, NON-PERFORATED, 8 IN., AS PER PLAN	LF	STD
2502-8212410	SUBDRAIN, STANDARD, NON-PERFORATED, 10 IN., AS PER PLAN	LF	STD
2502-8212415	SUBDRAIN, STANDARD, NON-PERFORATED, 15 IN., AS PER PLAN	LF	STD
2502-8213104	SUBDRAIN, PVC, STANDARD, NON-PERFORATED, 4 IN.	LF	STD
2502-8213106	SUBDRAIN, PVC, STANDARD, NON-PERFORATED, 6 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2502-8213108	SUBDRAIN, PVC, STANDARD, NON-PERFORATED, 8 IN.	LF	STD
2502-8213110	SUBDRAIN, PVC, STANDARD, NON-PERFORATED, 10 IN.	LF	STD
2502-8213112	SUBDRAIN, PVC, STANDARD, NON-PERFORATED, 12 IN.	LF	STD
2502-8213204	SUBDRAIN, PVC, STANDARD, PERFORATED, 4 IN.	LF	STD
2502-8213206	SUBDRAIN, PVC, STANDARD, PERFORATED, 6 IN.	LF	STD
2502-8213208	SUBDRAIN, PVC, STANDARD, PERFORATED, 8 IN.	LF	STD
2502-8213210	SUBDRAIN, PVC, STANDARD, PERFORATED, 10 IN.	LF	STD
2502-8213212	SUBDRAIN, PVC, STANDARD, PERFORATED, 12 IN.	LF	STD
2502-8214512	SUBDRAIN, 1500D CONCRETE PIPE, 12 IN. DIA.	LF	STD
2502-8214515	SUBDRAIN, 1500D CONCRETE PIPE, 15 IN. DIA.	LF	STD
2502-8214518	SUBDRAIN, 1500D CONCRETE PIPE, 18 IN. DIA.	LF	STD
2502-8214521	SUBDRAIN, 1500D CONCRETE PIPE, 21 IN. DIA.	LF	STD
2502-8214524	SUBDRAIN, 1500D CONCRETE PIPE, 24 IN. DIA.	LF	STD
2502-8214530	SUBDRAIN, 1500D CONCRETE PIPE, 30 IN. DIA.	LF	STD
2502-8214536	SUBDRAIN, 1500D CONCRETE PIPE, 36 IN. DIA.	LF	STD
2502-8214542	SUBDRAIN, 1500D CONCRETE PIPE, 42 IN. DIA.	LF	STD
2502-8214548	SUBDRAIN, 1500D CONCRETE PIPE, 48 IN. DIA.	LF	STD
2502-8215012	SUBDRAIN, 2000D CONCRETE PIPE, 12 IN. DIA.	LF	STD
2502-8215015	SUBDRAIN, 2000D CONCRETE PIPE, 15 IN. DIA.	LF	STD
2502-8215018	SUBDRAIN, 2000D CONCRETE PIPE, 18 IN. DIA.	LF	STD
2502-8215021	SUBDRAIN, 2000D CONCRETE PIPE, 21 IN. DIA.	LF	STD
2502-8215024	SUBDRAIN, 2000D CONCRETE PIPE, 24 IN. DIA.	LF	STD
2502-8215030	SUBDRAIN, 2000D CONCRETE PIPE, 30 IN. DIA.	LF	STD
2502-8215036	SUBDRAIN, 2000D CONCRETE PIPE, 36 IN. DIA.	LF	STD
2502-8215042	SUBDRAIN, 2000D CONCRETE PIPE, 42 IN. DIA.	LF	STD
2502-8215048	SUBDRAIN, 2000D CONCRETE PIPE, 48 IN. DIA.	LF	STD
2502-8215104	SUBDRAIN, CORRUGATED METAL PIPE, 4 IN. DIA.	LF	STD
2502-8215106	SUBDRAIN, CORRUGATED METAL PIPE, 6 IN. DIA.	LF	STD
2502-8215108	SUBDRAIN, CORRUGATED METAL PIPE, 8 IN. DIA.	LF	STD
2502-8215110	SUBDRAIN, CORRUGATED METAL PIPE, 10 IN. DIA.	LF	STD
2502-8215112	SUBDRAIN, CORRUGATED METAL PIPE, 12 IN. DIA.	LF	STD
2502-8215115	SUBDRAIN, CORRUGATED METAL PIPE, 15 IN. DIA.	LF	STD
2502-8215118	SUBDRAIN, CORRUGATED METAL PIPE, 18 IN. DIA.	LF	STD
2502-8215121	SUBDRAIN, CORRUGATED METAL PIPE, 21 IN. DIA.	LF	STD
2502-8215124	SUBDRAIN, CORRUGATED METAL PIPE, 24 IN. DIA.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2502-8215130	SUBDRAIN, CORRUGATED METAL PIPE, 30 IN. DIA.	LF	STD
2502-8215136	SUBDRAIN, CORRUGATED METAL PIPE, 36 IN. DIA.	LF	STD
2502-8215142	SUBDRAIN, CORRUGATED METAL PIPE, 42 IN. DIA.	LF	STD
2502-8215148	SUBDRAIN, CORRUGATED METAL PIPE, 48 IN. DIA.	LF	STD
2502-8215160	SUBDRAIN, CORRUGATED METAL PIPE, 60 IN. DIA.	LF	STD
2502-8215172	SUBDRAIN, CORRUGATED METAL PIPE, 72 IN. DIA.	LF	STD
2502-8215406	SUBDRAIN, CORRUGATED METAL PIPE, PERFORATED, 6 IN. DIA.	LF	STD
2502-8215408	SUBDRAIN, CORRUGATED METAL PIPE, PERFORATED, 8 IN. DIA.	LF	STD
2502-8215410	SUBDRAIN, CORRUGATED METAL PIPE, PERFORATED, 10 IN. DIA.	LF	STD
2502-8215412	SUBDRAIN, CORRUGATED METAL PIPE, PERFORATED, 12 IN. DIA.	LF	STD
2502-8215804	SUBDRAIN, TILE, 4 IN. DIA.	LF	STD
2502-8215805	SUBDRAIN, TILE, 5 IN. DIA.	LF	STD
2502-8215806	SUBDRAIN, TILE, 6 IN. DIA.	LF	STD
2502-8215808	SUBDRAIN, TILE, 8 IN. DIA.	LF	STD
2502-8215810	SUBDRAIN, TILE, 10 IN. DIA.	LF	STD
2502-8215812	SUBDRAIN, TILE, 12 IN. DIA.	LF	STD
2502-8215815	SUBDRAIN, TILE, 15 IN. DIA.	LF	STD
2502-8215824	SUBDRAIN, TILE, 24 IN. DIA.	LF	STD
2502-8215830	SUBDRAIN, TILE, 30 IN. DIA.	LF	STD
2502-8215836	SUBDRAIN, TILE, 36 IN. DIA.	LF	STD
2502-8215904	SUBDRAIN, TILE, EXTRA QUALITY, 4 IN. DIA.	LF	STD
2502-8215912	SUBDRAIN, TILE, EXTRA QUALITY, 12 IN. DIA.	LF	STD
2502-8221006	SUBDRAIN RISER, 6 IN., AS PER PLAN	EACH	PLAN
2502-8221008	SUBDRAIN RISER, 8 IN., AS PER PLAN	EACH	PLAN
2502-8221012	SUBDRAIN RISER, 12 IN., AS PER PLAN	EACH	PLAN
2502-8221303	SUBDRAIN OUTLET, DR-303	EACH	STD5
2502-8221305	SUBDRAIN OUTLET, DR-305	EACH	STD5
2502-8221306	SUBDRAIN OUTLET, DR-306	EACH	STD5
2502-8225010	SUBDRAIN OUTLET, 500-10	EACH	PLAN
2503-0110008	STORM SEWER GRAVITY MAIN, TRENCHED, 8 IN.	LF	STD
2503-0110010	STORM SEWER GRAVITY MAIN, TRENCHED, 10 IN.	LF	STD
2503-0110012	STORM SEWER GRAVITY MAIN, TRENCHED, 12 IN.	LF	STD
2503-0110015	STORM SEWER GRAVITY MAIN, TRENCHED, 15 IN.	LF	STD
2503-0110018	STORM SEWER GRAVITY MAIN, TRENCHED, 18 IN.	LF	STD
2503-0110021	STORM SEWER GRAVITY MAIN, TRENCHED, 21 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0110024	STORM SEWER GRAVITY MAIN, TRENCHED, 24 IN.	LF	STD
2503-0110027	STORM SEWER GRAVITY MAIN, TRENCHED, 27 IN.	LF	STD
2503-0110030	STORM SEWER GRAVITY MAIN, TRENCHED, 30 IN.	LF	STD
2503-0110033	STORM SEWER GRAVITY MAIN, TRENCHED, 33 IN.	LF	STD
2503-0110036	STORM SEWER GRAVITY MAIN, TRENCHED, 36 IN.	LF	STD
2503-0110042	STORM SEWER GRAVITY MAIN, TRENCHED, 42 IN.	LF	STD
2503-0110048	STORM SEWER GRAVITY MAIN, TRENCHED, 48 IN.	LF	STD
2503-0110054	STORM SEWER GRAVITY MAIN, TRENCHED, 54 IN.	LF	STD
2503-0110060	STORM SEWER GRAVITY MAIN, TRENCHED, 60 IN.	LF	STD
2503-0111012	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 12 IN.	LF	STD
2503-0111015	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 15 IN.	LF	STD
2503-0111018	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 18 IN.	LF	STD
2503-0111021	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 21 IN.	LF	STD
2503-0111024	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 24 IN.	LF	STD
2503-0111027	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 27 IN.	LF	STD
2503-0111030	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 30 IN.	LF	STD
2503-0111033	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 33 IN.	LF	STD
2503-0111036	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 36 IN.	LF	STD
2503-0111042	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 42 IN.	LF	STD
2503-0111048	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 48 IN.	LF	STD
2503-0111054	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 54 IN.	LF	STD
2503-0111060	STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 60 IN.	LF	STD
2503-0112008	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2503-0112010	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2503-0112012	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2503-0112015	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2503-0112018	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2503-0112021	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2503-0112024	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2503-0112027	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD
2503-0112030	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2503-0112033	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 33 IN.	LF	STD
2503-0112036	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD
2503-0112042	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 42 IN.	LF	STD
2503-0112048	STORM SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 48 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0114212	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2503-0114221	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD
2503-0114224	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2503-0114227	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2503-0114230	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2503-0114233	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2503-0114236	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2503-0114242	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD
2503-0114248	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2503-0114254	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2503-0114260	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD
2503-0114266	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2503-0114272	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD
2503-0114412	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD
2503-0114415	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2503-0114418	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2503-0114421	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD
2503-0114424	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2503-0114427	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0114430	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2503-0114433	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2503-0114436	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2503-0114442	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD
2503-0114448	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2503-0114454	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2503-0114460	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2503-0114466	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2503-0114472	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2503-0114612	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD
2503-0114615	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2503-0114618	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2503-0114621	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD
2503-0114624	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2503-0114627	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD
2503-0114630	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD
2503-0114633	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2503-0114636	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2503-0114642	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD
2503-0114648	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2503-0114654	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0114660	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2503-0114666	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2503-0114672	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2503-0116315	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0116318	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2503-0116324	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0116330	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0116336	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2503-0116342	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0116348	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2503-0116354	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0116360	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0116372	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2503-0116384	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0116515	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0116518	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2503-0116524	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0116530	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0116536	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2503-0116542	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0116548	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0116554	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0116560	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0116572	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2503-0116584	STORM SEWER GRAVITY MAIN, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0120008	STORM SEWER GRAVITY MAIN, TRENCHLESS, 8 IN.	LF	STD
2503-0120010	STORM SEWER GRAVITY MAIN, TRENCHLESS, 10 IN.	LF	STD
2503-0120012	STORM SEWER GRAVITY MAIN, TRENCHLESS, 12 IN.	LF	STD
2503-0120015	STORM SEWER GRAVITY MAIN, TRENCHLESS, 15 IN.	LF	STD
2503-0120018	STORM SEWER GRAVITY MAIN, TRENCHLESS, 18 IN.	LF	STD
2503-0120021	STORM SEWER GRAVITY MAIN, TRENCHLESS, 21 IN.	LF	STD
2503-0120024	STORM SEWER GRAVITY MAIN, TRENCHLESS, 24 IN.	LF	STD
2503-0120027	STORM SEWER GRAVITY MAIN, TRENCHLESS, 27 IN.	LF	STD
2503-0120030	STORM SEWER GRAVITY MAIN, TRENCHLESS, 30 IN.	LF	STD
2503-0120033	STORM SEWER GRAVITY MAIN, TRENCHLESS, 33 IN.	LF	STD
2503-0120036	STORM SEWER GRAVITY MAIN, TRENCHLESS, 36 IN.	LF	STD
2503-0120042	STORM SEWER GRAVITY MAIN, TRENCHLESS, 42 IN.	LF	STD
2503-0120048	STORM SEWER GRAVITY MAIN, TRENCHLESS, 48 IN.	LF	STD
2503-0120054	STORM SEWER GRAVITY MAIN, TRENCHLESS, 54 IN.	LF	STD
2503-0120060	STORM SEWER GRAVITY MAIN, TRENCHLESS, 60 IN.	LF	STD
2503-0121012	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 12 IN.	LF	STD
2503-0121015	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 15 IN.	LF	STD
2503-0121018	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 18 IN.	LF	STD
2503-0121021	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 21 IN.	LF	STD
2503-0121024	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 24 IN.	LF	STD
2503-0121027	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 27 IN.	LF	STD
2503-0121030	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 30 IN.	LF	STD
2503-0121033	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 33 IN.	LF	STD
2503-0121036	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 36 IN.	LF	STD
2503-0121042	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 42 IN.	LF	STD
2503-0121048	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 48 IN.	LF	STD
2503-0121054	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 54 IN.	LF	STD
2503-0121060	STORM SEWER GRAVITY MAIN, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 60 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0122008	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2503-0122010	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2503-0122012	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2503-0122015	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2503-0122018	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2503-0122021	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2503-0122024	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2503-0122027	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD
2503-0122030	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2503-0122033	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 33 IN.	LF	STD
2503-0122036	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD
2503-0122042	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 42 IN.	LF	STD
2503-0122048	STORM SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 48 IN.	LF	STD
2503-0124212	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2503-0124215	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2503-0124218	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2503-0124221	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD
2503-0124224	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2503-0124227	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2503-0124230	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2503-0124233	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2503-0124236	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2503-0124242	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD
2503-0124248	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2503-0124254	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2503-0124260	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0124266	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2503-0124272	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD
2503-0124412	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD
2503-0124415	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2503-0124418	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2503-0124421	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD
2503-0124424	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2503-0124427	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD
2503-0124430	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2503-0124433	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2503-0124436	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2503-0124442	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD
2503-0124448	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2503-0124454	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2503-0124460	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2503-0124466	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2503-0124472	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2503-0124612	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD
2503-0124615	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2503-0124618	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2503-0124621	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0124624	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2503-0124627	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD
2503-0124630	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD
2503-0124633	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2503-0124636	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2503-0124642	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD
2503-0124648	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2503-0124654	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD
2503-0124660	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2503-0124666	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2503-0124672	STORM SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2503-0126315	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0126318	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2503-0126324	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0126330	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0126336	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2503-0126342	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0126348	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2503-0126354	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0126360	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0126372	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0126384	STORM SEWER GRAVITY MAIN, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0126515	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0126518	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2503-0126524	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0126530	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0126536	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2503-0126542	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0126548	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2503-0126554	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0126560	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0126572	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2503-0126584	STORM SEWER GRAVITY MAIN, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0130008	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 8 IN.	LF	STD
2503-0130010	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 10 IN.	LF	STD
2503-0130012	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 12 IN.	LF	STD
2503-0130015	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 15 IN.	LF	STD
2503-0130018	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 18 IN.	LF	STD
2503-0130021	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 21 IN.	LF	STD
2503-0130024	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 24 IN.	LF	STD
2503-0130027	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 27 IN.	LF	STD
2503-0130030	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 30 IN.	LF	STD
2503-0130033	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 33 IN.	LF	STD
2503-0130036	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 36 IN.	LF	STD
2503-0130042	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 42 IN.	LF	STD
2503-0130048	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 48 IN.	LF	STD
2503-0130054	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 54 IN.	LF	STD
2503-0130060	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 60 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0131012	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 12 IN.	LF	STD
2503-0131015	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 15 IN.	LF	STD
2503-0131018	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 18 IN.	LF	STD
2503-0131021	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 21 IN.	LF	STD
2503-0131024	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 24 IN.	LF	STD
2503-0131027	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 27 IN.	LF	STD
2503-0131030	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 30 IN.	LF	STD
2503-0131033	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 33 IN.	LF	STD
2503-0131036	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 36 IN.	LF	STD
2503-0131042	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 42 IN.	LF	STD
2503-0131048	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 48 IN.	LF	STD
2503-0131054	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 54 IN.	LF	STD
2503-0131060	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 60 IN.	LF	STD
2503-0132008	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2503-0132010	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2503-0132012	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2503-0132015	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2503-0132018	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2503-0132021	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2503-0132024	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2503-0132027	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0132030	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2503-0132033	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 33 IN.	LF	STD
2503-0132036	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD
2503-0132042	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 42 IN.	LF	STD
2503-0132048	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 48 IN.	LF	STD
2503-0134212	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2503-0134215	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2503-0134218	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2503-0134221	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD
2503-0134224	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2503-0134227	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2503-0134230	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2503-0134233	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2503-0134236	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2503-0134242	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD
2503-0134248	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2503-0134254	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2503-0134260	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD
2503-0134266	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2503-0134272	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD
2503-0134412	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0134415	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2503-0134418	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2503-0134421	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD
2503-0134424	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2503-0134427	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD
2503-0134430	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2503-0134433	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2503-0134436	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2503-0134442	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD
2503-0134448	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2503-0134454	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2503-0134460	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2503-0134466	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2503-0134472	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2503-0134612	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD
2503-0134615	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2503-0134618	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2503-0134621	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD
2503-0134624	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2503-0134627	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD
2503-0134630	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0134633	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2503-0134636	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2503-0134642	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD
2503-0134648	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2503-0134654	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD
2503-0134660	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2503-0134666	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2503-0134672	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2503-0136315	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0136318	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2503-0136324	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0136330	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0136336	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2503-0136342	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0136348	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2503-0136354	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0136360	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0136372	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2503-0136384	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0136515	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0136518	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0136524	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0136530	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0136536	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2503-0136542	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0136548	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2503-0136554	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0136560	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0136572	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2503-0136584	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0140008	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 8 IN.	LF	STD
2503-0140010	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 10 IN.	LF	STD
2503-0140012	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 12 IN.	LF	STD
2503-0140015	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 15 IN.	LF	STD
2503-0140018	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 18 IN.	LF	STD
2503-0140021	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 21 IN.	LF	STD
2503-0140024	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 24 IN.	LF	STD
2503-0140027	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 27 IN.	LF	STD
2503-0140030	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 30 IN.	LF	STD
2503-0140033	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 33 IN.	LF	STD
2503-0140036	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 36 IN.	LF	STD
2503-0140042	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 42 IN.	LF	STD
2503-0140048	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 48 IN.	LF	STD
2503-0140054	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 54 IN.	LF	STD
2503-0140060	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 60 IN.	LF	STD
2503-0141012	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 12 IN.	LF	STD
2503-0141015	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 15 IN.	LF	STD
2503-0141018	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 18 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0141021	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 21 IN.	LF	STD
2503-0141024	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 24 IN.	LF	STD
2503-0141027	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 27 IN.	LF	STD
2503-0141030	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 30 IN.	LF	STD
2503-0141033	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 33 IN.	LF	STD
2503-0141036	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 36 IN.	LF	STD
2503-0141042	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 42 IN.	LF	STD
2503-0141048	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 48 IN.	LF	STD
2503-0141054	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 54 IN.	LF	STD
2503-0141060	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 60 IN.	LF	STD
2503-0142008	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2503-0142010	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2503-0142012	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2503-0142015	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2503-0142018	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2503-0142021	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2503-0142024	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2503-0142027	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD
2503-0142030	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2503-0142033	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 33 IN.	LF	STD
2503-0142036	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0142042	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 42 IN.	LF	STD
2503-0142048	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 48 IN.	LF	STD
2503-0144212	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2503-0144215	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2503-0144218	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2503-0144221	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD
2503-0144224	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2503-0144227	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2503-0144230	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2503-0144233	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2503-0144236	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2503-0144242	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD
2503-0144248	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2503-0144254	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2503-0144260	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD
2503-0144266	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2503-0144272	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD
2503-0144412	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD
2503-0144415	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2503-0144418	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2503-0144421	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0144424	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2503-0144427	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD
2503-0144430	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2503-0144433	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2503-0144436	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2503-0144442	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD
2503-0144448	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2503-0144454	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2503-0144460	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2503-0144466	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2503-0144472	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2503-0144612	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD
2503-0144615	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2503-0144618	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2503-0144621	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD
2503-0144624	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2503-0144627	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD
2503-0144630	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD
2503-0144633	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2503-0144636	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2503-0144642	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0144648	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2503-0144654	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD
2503-0144660	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2503-0144666	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2503-0144672	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2503-0146315	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0146318	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2503-0146324	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0146330	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0146336	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD
2503-0146342	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0146348	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2503-0146354	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0146360	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0146372	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2503-0146384	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 2000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0146515	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 15 IN.	LF	STD
2503-0146518	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 18 IN.	LF	STD
2503-0146524	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 24 IN.	LF	STD
2503-0146530	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 30 IN.	LF	STD
2503-0146536	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 36 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2503-0146542	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 42 IN.	LF	STD
2503-0146548	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 48 IN.	LF	STD
2503-0146554	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 54 IN.	LF	STD
2503-0146560	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 60 IN.	LF	STD
2503-0146572	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 72 IN.	LF	STD
2503-0146584	STORM SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 3000D LOW CLEARANCE CONCRETE PIPE, EQUIVALENT DIAMETER 84 IN.	LF	STD
2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	STD
2503-0200136	REMOVE STORM SEWER PIPE GREATER THAN 36 IN.	LF	STD
2503-0200236	REMOVE AND REINSTALL STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	STD
2503-0200336	REMOVE AND REINSTALL STORM SEWER PIPE GREATER THAN 36 IN.	LF	STD
2503-0200340	STORM SEWER ABANDONMENT, PLUG	EACH	STD
2503-0200341	STORM SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA.	LF	STD
2503-0200342	STORM SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.	LF	STD
2503-0500381	BRIDGE END DRAIN, AS PER PLAN	EACH	PLAN
2503-0500401	BRIDGE END DRAIN, DR-401	EACH	SRP
2503-0500402	BRIDGE END DRAIN, DR-402	EACH	SRP
2503-3775012	GATE, OUTLET CONTROL, FLAP, 12 IN.	EACH	PLAN
2503-3775015	GATE, OUTLET CONTROL, FLAP, 15 IN.	EACH	PLAN
2503-3775018	GATE, OUTLET CONTROL, FLAP, 18 IN.	EACH	PLAN
2503-3775024	GATE, OUTLET CONTROL, FLAP, 24 IN.	EACH	PLAN
2503-3775030	GATE, OUTLET CONTROL, FLAP, 30 IN.	EACH	PLAN
2503-3775036	GATE, OUTLET CONTROL, FLAP, 36 IN.	EACH	PLAN
2503-3775042	GATE, OUTLET CONTROL, FLAP, 42 IN.	EACH	PLAN
2503-3775048	GATE, OUTLET CONTROL, FLAP, 48 IN.	EACH	PLAN
2503-3775054	GATE, OUTLET CONTROL, FLAP, 54 IN.	EACH	PLAN
2503-3775060	GATE, OUTLET CONTROL, FLAP, 60 IN.	EACH	PLAN
2503-3775072	GATE, OUTLET CONTROL, FLAP, 72 IN.	EACH	PLAN
2504-0110008	SANITARY SEWER GRAVITY MAIN, TRENCHED, 8 IN.	LF	STD
2504-0110010	SANITARY SEWER GRAVITY MAIN, TRENCHED, 10 IN.	LF	STD
2504-0110012	SANITARY SEWER GRAVITY MAIN, TRENCHED, 12 IN.	LF	STD
2504-0110015	SANITARY SEWER GRAVITY MAIN, TRENCHED, 15 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0110018	SANITARY SEWER GRAVITY MAIN, TRENCHED, 18 IN.	LF	STD
2504-0110021	SANITARY SEWER GRAVITY MAIN, TRENCHED, 21 IN.	LF	STD
2504-0110024	SANITARY SEWER GRAVITY MAIN, TRENCHED, 24 IN.	LF	STD
2504-0110027	SANITARY SEWER GRAVITY MAIN, TRENCHED, 27 IN.	LF	STD
2504-0110030	SANITARY SEWER GRAVITY MAIN, TRENCHED, 30 IN.	LF	STD
2504-0110033	SANITARY SEWER GRAVITY MAIN, TRENCHED, 33 IN.	LF	STD
2504-0110036	SANITARY SEWER GRAVITY MAIN, TRENCHED, 36 IN.	LF	STD
2504-0110042	SANITARY SEWER GRAVITY MAIN, TRENCHED, 42 IN.	LF	STD
2504-0110048	SANITARY SEWER GRAVITY MAIN, TRENCHED, 48 IN.	LF	STD
2504-0110054	SANITARY SEWER GRAVITY MAIN, TRENCHED, 54 IN.	LF	STD
2504-0110060	SANITARY SEWER GRAVITY MAIN, TRENCHED, 60 IN.	LF	STD
2504-0112212	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2504-0112215	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2504-0112218	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2504-0112221	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD
2504-0112224	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2504-0112227	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2504-0112230	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2504-0112233	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2504-0112236	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2504-0112242	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD
2504-0112248	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2504-0112254	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2504-0112260	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD
2504-0112266	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2504-0112272	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
	III), 72 IN.		
2504-0112412	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD
2504-0112415	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2504-0112418	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2504-0112421	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD
2504-0112424	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2504-0112427	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD
2504-0112430	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2504-0112433	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2504-0112436	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2504-0112442	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD
2504-0112448	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2504-0112454	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2504-0112460	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2504-0112466	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2504-0112472	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2504-0112612	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD
2504-0112615	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2504-0112618	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2504-0112621	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD
2504-0112624	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2504-0112627	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
	V), 27 IN.		
2504-0112630	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD
2504-0112633	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2504-0112636	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2504-0112642	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD
2504-0112648	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2504-0112654	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD
2504-0112660	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2504-0112666	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2504-0112672	SANITARY SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2504-0114008	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0114010	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2504-0114012	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2504-0114015	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2504-0114018	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2504-0114021	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2504-0114024	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2504-0114027	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD
2504-0114030	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2504-0114036	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD
2504-0115012	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYPROPYLENE (PP) PIPE, 12 IN.	LF	STD
2504-0115015	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYPROPYLENE (PP) PIPE, 15 IN.	LF	STD
2504-0115018	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYPROPYLENE (PP) PIPE, 18 IN.	LF	STD
2504-0115021	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYPROPYLENE (PP) PIPE, 21 IN.	LF	STD
2504-0115024	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYPROPYLENE (PP) PIPE, 24 IN.	LF	STD
2504-0115030	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYPROPYLENE (PP) PIPE, 30 IN.	LF	STD
2504-0115036	SANITARY SEWER GRAVITY MAIN, TRENCHED, POLYPROPYLENE (PP) PIPE, 36 IN.	LF	STD
2504-0116004	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0116006	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0116008	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0116010	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0116012	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2504-0116014	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0116016	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0116018	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0116020	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0116024	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0116030	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0116036	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2504-0116042	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0116048	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0116054	SANITARY SEWER GRAVITY MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0118008	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 8 IN.	LF	STD
2504-0118010	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 10 IN.	LF	STD
2504-0118012	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 12 IN.	LF	STD
2504-0118015	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 15 IN.	LF	STD
2504-0118018	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 18 IN.	LF	STD
2504-0118021	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 21 IN.	LF	STD
2504-0118024	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 24 IN.	LF	STD
2504-0118027	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 27 IN.	LF	STD
2504-0118030	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 30 IN.	LF	STD
2504-0118033	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 33 IN.	LF	STD
2504-0118036	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 36 IN.	LF	STD
2504-0118039	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 39 IN.	LF	STD
2504-0118042	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 42 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0119008	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 8 IN.	LF	STD
2504-0119010	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 10 IN.	LF	STD
2504-0119012	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 12 IN.	LF	STD
2504-0119015	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 15 IN.	LF	STD
2504-0119018	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 18 IN.	LF	STD
2504-0119021	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 21 IN.	LF	STD
2504-0119024	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 24 IN.	LF	STD
2504-0119027	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 27 IN.	LF	STD
2504-0119030	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 30 IN.	LF	STD
2504-0119033	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 33 IN.	LF	STD
2504-0119036	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	LF	STD
2504-0119039	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 39 IN.	LF	STD
2504-0119042	SANITARY SEWER GRAVITY MAIN, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 42 IN.	LF	STD
2504-0120008	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 8 IN.	LF	STD
2504-0120010	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 10 IN.	LF	STD
2504-0120012	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 12 IN.	LF	STD
2504-0120015	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 15 IN.	LF	STD
2504-0120018	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 18 IN.	LF	STD
2504-0120021	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 21 IN.	LF	STD
2504-0120024	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 24 IN.	LF	STD
2504-0120027	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 27 IN.	LF	STD
2504-0120030	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 30 IN.	LF	STD
2504-0120033	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 33 IN.	LF	STD
2504-0120036	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 36 IN.	LF	STD
2504-0120042	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 42 IN.	LF	STD
2504-0120048	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 48 IN.	LF	STD
2504-0120054	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 54 IN.	LF	STD
2504-0120060	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, 60 IN.	LF	STD
2504-0122212	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2504-0122215	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2504-0122218	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2504-0122221	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0122224	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2504-0122227	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2504-0122230	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2504-0122233	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2504-0122236	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2504-0122242	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD
2504-0122248	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2504-0122254	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2504-0122260	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD
2504-0122266	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2504-0122272	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD
2504-0122412	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD
2504-0122415	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2504-0122418	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2504-0122421	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD
2504-0122424	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2504-0122427	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD
2504-0122430	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2504-0122433	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2504-0122436	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2504-0122442	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0122448	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2504-0122454	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2504-0122460	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2504-0122466	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2504-0122472	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2504-0122612	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD
2504-0122615	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2504-0122618	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2504-0122621	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD
2504-0122624	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2504-0122627	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD
2504-0122630	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD
2504-0122633	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2504-0122636	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2504-0122642	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD
2504-0122648	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2504-0122654	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD
2504-0122660	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2504-0122666	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2504-0122672	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2504-0124008	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0124010	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0124012	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2504-0124015	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2504-0124018	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2504-0124021	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2504-0124024	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2504-0124027	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD
2504-0124030	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2504-0124036	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD
2504-0125012	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYPROPYLENE (PP) PIPE, 12 IN.	LF	STD
2504-0125015	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYPROPYLENE (PP) PIPE, 15 IN.	LF	STD
2504-0125018	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYPROPYLENE (PP) PIPE, 18 IN.	LF	STD
2504-0125021	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYPROPYLENE (PP) PIPE, 21 IN.	LF	STD
2504-0125024	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYPROPYLENE (PP) PIPE, 24 IN.	LF	STD
2504-0125030	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYPROPYLENE (PP) PIPE, 30 IN.	LF	STD
2504-0125036	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, POLYPROPYLENE (PP) PIPE, 36 IN.	LF	STD
2504-0126004	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0126006	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2504-0126008	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0126010	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0126012	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2504-0126014	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0126016	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0126018	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0126020	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0126024	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0126030	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0126036	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2504-0126042	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0126048	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0126054	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0128008	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 8 IN.	LF	STD
2504-0128010	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 10 IN.	LF	STD
2504-0128012	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 12 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0128015	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 15 IN.	LF	STD
2504-0128018	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 18 IN.	LF	STD
2504-0128021	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 21 IN.	LF	STD
2504-0128024	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 24 IN.	LF	STD
2504-0128027	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 27 IN.	LF	STD
2504-0128030	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 30 IN.	LF	STD
2504-0128033	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 33 IN.	LF	STD
2504-0128036	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 36 IN.	LF	STD
2504-0128039	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 39 IN.	LF	STD
2504-0128042	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 42 IN.	LF	STD
2504-0129008	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 8 IN.	LF	STD
2504-0129010	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 10 IN.	LF	STD
2504-0129012	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 12 IN.	LF	STD
2504-0129015	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 15 IN.	LF	STD
2504-0129018	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 18 IN.	LF	STD
2504-0129021	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 21 IN.	LF	STD
2504-0129024	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 24 IN.	LF	STD
2504-0129027	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 27 IN.	LF	STD
2504-0129030	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 30 IN.	LF	STD
2504-0129033	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 33 IN.	LF	STD
2504-0129036	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0129039	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 39 IN.	LF	STD
2504-0129042	SANITARY SEWER GRAVITY MAIN, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 42 IN.	LF	STD
2504-0130008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 8 IN.	LF	STD
2504-0130010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 10 IN.	LF	STD
2504-0130012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 12 IN.	LF	STD
2504-0130015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 15 IN.	LF	STD
2504-0130018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 18 IN.	LF	STD
2504-0130021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 21 IN.	LF	STD
2504-0130024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 24 IN.	LF	STD
2504-0130027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 27 IN.	LF	STD
2504-0130030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 30 IN.	LF	STD
2504-0130033	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 33 IN.	LF	STD
2504-0130036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 36 IN.	LF	STD
2504-0130042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 42 IN.	LF	STD
2504-0130048	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 48 IN.	LF	STD
2504-0130054	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 54 IN.	LF	STD
2504-0130060	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, 60 IN.	LF	STD
2504-0132212	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2504-0132215	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2504-0132218	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2504-0132221	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD
2504-0132224	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2504-0132227	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2504-0132230	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2504-0132233	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2504-0132236	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2504-0132242	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0132248	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2504-0132254	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2504-0132260	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD
2504-0132266	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2504-0132272	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD
2504-0132412	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD
2504-0132415	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2504-0132418	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2504-0132421	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD
2504-0132424	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2504-0132427	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD
2504-0132430	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2504-0132433	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2504-0132436	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2504-0132442	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD
2504-0132448	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2504-0132454	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2504-0132460	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2504-0132466	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2504-0132472	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2504-0132612	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0132615	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2504-0132618	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2504-0132621	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD
2504-0132624	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2504-0132627	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD
2504-0132630	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD
2504-0132633	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2504-0132636	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2504-0132642	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD
2504-0132648	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2504-0132654	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD
2504-0132660	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2504-0132666	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2504-0132672	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2504-0134008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0134010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2504-0134012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2504-0134015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2504-0134018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2504-0134021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2504-0134024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0134027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD
2504-0134030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2504-0134036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD
2504-0136004	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0136006	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2504-0136008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0136010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0136012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2504-0136014	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0136016	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0136018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0136020	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0136024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0136030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0136036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2504-0136042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0136048	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0136054	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0138008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 8 IN.	LF	STD
2504-0138010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 10 IN.	LF	STD
2504-0138012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 12 IN.	LF	STD
2504-0138015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 15 IN.	LF	STD
2504-0138018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 18 IN.	LF	STD
2504-0138021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 21 IN.	LF	STD
2504-0138024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 24 IN.	LF	STD
2504-0138027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 27 IN.	LF	STD
2504-0138030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 30 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0138033	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 33 IN.	LF	STD
2504-0138036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 36 IN.	LF	STD
2504-0138039	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 39 IN.	LF	STD
2504-0138042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 42 IN.	LF	STD
2504-0139008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 8 IN.	LF	STD
2504-0139010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 10 IN.	LF	STD
2504-0139012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 12 IN.	LF	STD
2504-0139015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 15 IN.	LF	STD
2504-0139018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 18 IN.	LF	STD
2504-0139021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 21 IN.	LF	STD
2504-0139024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 24 IN.	LF	STD
2504-0139027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 27 IN.	LF	STD
2504-0139030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 30 IN.	LF	STD
2504-0139033	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 33 IN.	LF	STD
2504-0139036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	LF	STD
2504-0139039	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 39 IN.	LF	STD
2504-0139042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHED, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 42 IN.	LF	STD
2504-0140008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 8 IN.	LF	STD
2504-0140010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 10 IN.	LF	STD
2504-0140012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 12 IN.	LF	STD
2504-0140015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 15 IN.	LF	STD
2504-0140018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 18 IN.	LF	STD
2504-0140021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 21 IN.	LF	STD
2504-0140024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 24 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0140027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 27 IN.	LF	STD
2504-0140030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 30 IN.	LF	STD
2504-0140033	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 33 IN.	LF	STD
2504-0140036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 36 IN.	LF	STD
2504-0140042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 42 IN.	LF	STD
2504-0140048	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 48 IN.	LF	STD
2504-0140054	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 54 IN.	LF	STD
2504-0140060	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, 60 IN.	LF	STD
2504-0142212	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 12 IN.	LF	STD
2504-0142215	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	STD
2504-0142218	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	STD
2504-0142221	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.	LF	STD
2504-0142224	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	STD
2504-0142227	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.	LF	STD
2504-0142230	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.	LF	STD
2504-0142233	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 33 IN.	LF	STD
2504-0142236	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.	LF	STD
2504-0142242	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.	LF	STD
2504-0142248	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 48 IN.	LF	STD
2504-0142254	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 54 IN.	LF	STD
2504-0142260	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 60 IN.	LF	STD
2504-0142266	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 66 IN.	LF	STD
2504-0142272	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 72 IN.	LF	STD
2504-0142412	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 12 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0142415	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	STD
2504-0142418	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 18 IN.	LF	STD
2504-0142421	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 21 IN.	LF	STD
2504-0142424	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.	LF	STD
2504-0142427	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 27 IN.	LF	STD
2504-0142430	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 30 IN.	LF	STD
2504-0142433	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 33 IN.	LF	STD
2504-0142436	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 36 IN.	LF	STD
2504-0142442	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 42 IN.	LF	STD
2504-0142448	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 48 IN.	LF	STD
2504-0142454	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 54 IN.	LF	STD
2504-0142460	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 60 IN.	LF	STD
2504-0142466	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 66 IN.	LF	STD
2504-0142472	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 72 IN.	LF	STD
2504-0142612	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 12 IN.	LF	STD
2504-0142615	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.	LF	STD
2504-0142618	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 18 IN.	LF	STD
2504-0142621	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.	LF	STD
2504-0142624	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 24 IN.	LF	STD
2504-0142627	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 27 IN.	LF	STD
2504-0142630	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 30 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0142633	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 33 IN.	LF	STD
2504-0142636	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 36 IN.	LF	STD
2504-0142642	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 42 IN.	LF	STD
2504-0142648	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 48 IN.	LF	STD
2504-0142654	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 54 IN.	LF	STD
2504-0142660	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 60 IN.	LF	STD
2504-0142666	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 66 IN.	LF	STD
2504-0142672	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 72 IN.	LF	STD
2504-0144008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0144010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2504-0144012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2504-0144015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 15 IN.	LF	STD
2504-0144018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2504-0144021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 21 IN.	LF	STD
2504-0144024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2504-0144027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 27 IN.	LF	STD
2504-0144030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2504-0144036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 36 IN.	LF	STD
2504-0146004	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0146006	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2504-0146008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0146010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0146012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0146014	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0146016	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0146018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0146020	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0146024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0146030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0146036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2504-0146042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0146048	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0146054	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0148008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 8 IN.	LF	STD
2504-0148010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 10 IN.	LF	STD
2504-0148012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 12 IN.	LF	STD
2504-0148015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 15 IN.	LF	STD
2504-0148018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 18 IN.	LF	STD
2504-0148021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 21 IN.	LF	STD
2504-0148024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 24 IN.	LF	STD
2504-0148027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 27 IN.	LF	STD
2504-0148030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 30 IN.	LF	STD
2504-0148033	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 33 IN.	LF	STD
2504-0148036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 36 IN.	LF	STD
2504-0148039	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 39 IN.	LF	STD
2504-0148042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), STANDARD STRENGTH, 42 IN.	LF	STD
2504-0149008	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 8 IN.	LF	STD
2504-0149010	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 10 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0149012	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 12 IN.	LF	STD
2504-0149015	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 15 IN.	LF	STD
2504-0149018	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 18 IN.	LF	STD
2504-0149021	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 21 IN.	LF	STD
2504-0149024	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 24 IN.	LF	STD
2504-0149027	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 27 IN.	LF	STD
2504-0149030	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 30 IN.	LF	STD
2504-0149033	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 33 IN.	LF	STD
2504-0149036	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 36 IN.	LF	STD
2504-0149039	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 39 IN.	LF	STD
2504-0149042	SANITARY SEWER GRAVITY MAIN WITH CASING PIPE, TRENCHLESS, VITRIFIED CLAY PIPE (VCP), EXTRA STRENGTH, 42 IN.	LF	STD
2504-0150204	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0150206	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2504-0150208	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0150210	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0150212	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2504-0150214	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0150216	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0150218	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0150220	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0150224	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0150230	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0150236	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2504-0150242	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0150248	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0150254	SANITARY SEWER FORCE MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0150404	SANITARY SEWER FORCE MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2504-0150406	SANITARY SEWER FORCE MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0150408	SANITARY SEWER FORCE MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0150410	SANITARY SEWER FORCE MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2504-0150412	SANITARY SEWER FORCE MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2504-0160204	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0160206	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2504-0160208	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0160210	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0160212	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2504-0160214	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0160216	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0160218	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0160220	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0160224	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0160230	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0160236	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2504-0160242	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0160248	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0160254	SANITARY SEWER FORCE MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0160404	SANITARY SEWER FORCE MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2504-0160406	SANITARY SEWER FORCE MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2504-0160408	SANITARY SEWER FORCE MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0160410	SANITARY SEWER FORCE MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2504-0160412	SANITARY SEWER FORCE MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2504-0170204	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0170206	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2504-0170208	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0170210	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0170212	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2504-0170214	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0170216	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0170218	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0170220	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0170224	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0170230	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0170236	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0170242	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0170248	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0170254	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0170404	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2504-0170406	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, POLYVINYLCHLORIDE PIPE (PVC), 6 IN.	LF	STD
2504-0170408	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0170410	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2504-0170412	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2504-0180204	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2504-0180206	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2504-0180208	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2504-0180210	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2504-0180212	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2504-0180214	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2504-0180216	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2504-0180218	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2504-0180220	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2504-0180224	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2504-0180230	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2504-0180236	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2504-0180242	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2504-0180248	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2504-0180254	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2504-0180404	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2504-0180406	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2504-0180408	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0180410	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2504-0180412	SANITARY SEWER FORCE MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2504-0200204	SANITARY SEWER SERVICE STUB, DUCTILE IRON, 4 IN.	LF	STD
2504-0200206	SANITARY SEWER SERVICE STUB, DUCTILE IRON, 6 IN.	LF	STD
2504-0200208	SANITARY SEWER SERVICE STUB, DUCTILE IRON, 8 IN.	LF	STD
2504-0200404	SANITARY SEWER SERVICE STUB, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2504-0200406	SANITARY SEWER SERVICE STUB, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2504-0200408	SANITARY SEWER SERVICE STUB, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0200604	SANITARY SEWER SERVICE STUB WITH RISER, DUCTILE IRON, 4 IN.	LF	STD
2504-0200606	SANITARY SEWER SERVICE STUB WITH RISER, DUCTILE IRON, 6 IN.	LF	STD
2504-0200608	SANITARY SEWER SERVICE STUB WITH RISER, DUCTILE IRON, 8 IN.	LF	STD
2504-0200804	SANITARY SEWER SERVICE STUB WITH RISER, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2504-0200806	SANITARY SEWER SERVICE STUB WITH RISER, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2504-0200808	SANITARY SEWER SERVICE STUB WITH RISER, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2504-0220000	SANITARY SEWER SERVICE RELOCATION	EACH	STD
2504-0230000	SEWAGE AIR RELEASE VALVE AND PIT	EACH	STD
2504-0240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	STD
2504-0240136	REMOVE SANITARY SEWER PIPE GREATER THAN 36 IN.	LF	STD
2504-0240145	SANITARY SEWER CLEANOUT	EACH	STD
2504-0240235	SANITARY SEWER ABANDONMENT, PLUG	EACH	STD
2504-0240236	SANITARY SEWER ABANDONMENT, FILL AND PLUG, LESS THAN OR EQUAL TO 36 IN. DIA.	LF	STD
2504-0240237	SANITARY SEWER ABANDONMENT, FILL AND PLUG, GREATER THAN 36 IN. DIA.	LF	STD
2504-0320300	SANITARY SEWER CLEANOUT, SW-203	EACH	PLAN
2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LF	STD
2505-4008130	REMOVAL OF CABLE GUARDRAIL	LF	STD
2505-4008300	STEEL BEAM GUARDRAIL	LF	STD
2505-4008410	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION, BA-201	EACH	STD
2505-4008415	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION, BA-209	EACH	STD5
2505-4008420	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION, BA-221	EACH	STD
2505-4008500	STEEL BEAM GUARDRAIL BULLNOSE SECTION, DETAIL 8220	EACH	PLAN
2505-4020580	GUARDRAIL, SPECIAL ANCHOR SECTION	EACH	PLAN
2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	STD
2505-4021020	STEEL BEAM GUARDRAIL END ANCHOR, W-BEAM	EACH	STD
2505-4021030	STEEL BEAM GUARDRAIL END ANCHOR, THRIE BEAM	EACH	STD
2505-4021705	STEEL BEAM GUARDRAIL MEDIAN END TERMINAL	EACH	PLAN
2505-4021710	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, LS-625	EACH	STD
2505-4021711	STEEL BEAM GUARDRAIL FLARED END TERMINAL, LS-626	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2505-4021720	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-205	EACH	STD
2505-4021721	STEEL BEAM GUARDRAIL FLARED END TERMINAL, BA-206	EACH	STD
2505-4021722	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-225	EACH	STD
2505-4502100	STEEL BEAM GUARDRAIL, POST ADAPTER UNIT, BA-210	EACH	SRP
2505-6000000	GUARDRAIL HEIGHT ADJUSTMENT	LF	PLAN
2505-6000111	HIGH TENSION CABLE GUARDRAIL	LF	STD
2505-6000121	HIGH TENSION CABLE GUARDRAIL, END ANCHOR	EACH	STD
2505-6000131	HIGH TENSION CABLE GUARDRAIL, SPARE PARTS KIT	EACH	STD
2505-6001010	LINE POST, REPAIR	EACH	DS
2505-6001012	LINE POST, REPLACE	EACH	DS
2505-6001014	LINE POST FOUNDATION, REPLACE	EACH	DS
2505-6001020	END ANCHOR, REPAIR	EACH	DS
2505-6001022	END ANCHOR - SPECIAL, REPAIR	EACH	DS
2505-6001024	END ANCHOR, RESET	EACH	DS
2505-6001030	TURNBUCKLE, REPLACE	EACH	DS
2505-6001040	HIGH TENSION CABLE GUARDRAIL, REPLACE	LF	DS
2505-6765006	REMOVE AND REINSTALL FORMED STEEL BEAM GUARDRAIL	LF	PLAN
2505-6765008	REMOVE AND REINSTALL HIGH TENSION CABLE GUARDRAIL	LF	PLAN
2506-4984000	FLOWABLE MORTAR	CY	STD
2507-0050005	EARTH SCREW ANCHOR	EACH	PLAN
2507-2638610	CONCRETE SLOPE PROTECTION	SY	STD
2507-2638620	MACADAM STONE SLOPE PROTECTION	SY	STD
2507-2638650	BRIDGE WING ARMORING - EROSION STONE	SY	STD
2507-2638660	BRIDGE WING ARMORING - MACADAM STONE	SY	STD
2507-3250005	ENGINEERING FABRIC	SY	STD
2507-4011100	CONCRETE GROUT FOR REVETMENT OR GABION	CY	STD
2507-6799000	BANK SHAPING	LS	STD
2507-6800000	MATERIAL FOR FILTER BLANKET	TON	STD
2507-6800011	REVETMENT, CLASS A	SY	STD
2507-6800021	REVETMENT, CLASS B	TON	STD
2507-6800032	REVETMENT, CLASS C	TON	STD
2507-6800042	REVETMENT, CLASS D	TON	STD
2507-6800061	REVETMENT, CLASS E	TON	STD
2507-6825001	REVETMENT, CONCRETE, HAUL AND PLACE	CY	PLAN
2507-6825005	REVETMENT, CONCRETE, HAUL AND PLACE	TON	PLAN

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2507-6850053	REVETMENT, SPECIAL	TON	PLAN
2507-6875002	REVETMENT, REMOVE AND REPLACE	CY	PLAN
2507-8029000	EROSION STONE	TON	STD
2507-8100000	CONCRETE BLOCKS, AS PER PLAN	EACH	PLAN
2507-8100331	CONCRETE BLOCKS, 3' X 3' X 1', AS PER PLAN	EACH	PLAN
2507-8100332	CONCRETE BLOCKS, 3' X 3' X 2', AS PER PLAN	EACH	PLAN
2507-8100333	CONCRETE BLOCKS, 3' X 3' X 3', AS PER PLAN	EACH	PLAN
2507-8500040	FABRIC FORMED CONCRETE REVETMENT, ARTICULATING BLOCK MAT, 4 INCH	SY	DS
2507-8500060	FABRIC FORMED CONCRETE REVETMENT, ARTICULATING BLOCK MAT, 6 INCH	SY	DS
2507-8500080	FABRIC FORMED CONCRETE REVETMENT, ARTICULATING BLOCK MAT, 8 INCH	SY	DS
2507-8500100	FABRIC FORMED CONCRETE REVETMENT, ARTICULATING BLOCK MAT, 10 INCH	SY	DS
2507-8500120	FABRIC FORMED CONCRETE REVETMENT, ARTICULATING BLOCK MAT, 12 INCH	SY	DS
2507-8501010	FABRIC FORMED CONCRETE REVETMENT, ARMOR UNIT	SY	DS
2507-8501020	FABRIC FORMED CONCRETE REVETMENT, ARMOR UNIT REINFORCED	SY	DS
2507-8501100	CONCRETE GROUT FOR FABRIC FORMED CONCRETE REVETMENT	CY	DS
2507-8600010	FORESLOPE EROSION COUNTERMEASURE, MINOR (DETAIL 570-20)	SY	PLAN
2507-8600020	FORESLOPE EROSION COUNTERMEASURE, MAJOR (DETAIL 570-22)	SY	PLAN
2508-0804000	BRIDGE CLEANING FOR PAINTING	LS	STD
2508-0805000	BLAST CLEANING OF STRUCTURAL STEEL	LS	STD
2508-0970000	CONTAINMENT	LS	STD
2508-0990000	PAINT WASTE TRANSPORT AND DISPOSAL	LS	STD
2508-0991000	PAINTING OF STRUCTURAL STEEL	LS	STD
2510-5125000	BREAKING UP PAVEMENT	SY	STD
2510-5204000	PAVEMENT SCARIFICATION (OF HMA RESURFACING PRIOR TO PAVEMENT REMOVAL)	SY	STD
2510-6745030	REMOVAL OF ANCHOR LUGS	EACH	STD
2510-6745640	REMOVAL OF EXISTING P.C. OVERLAY	SY	PLAN
2510-6745850	REMOVAL OF PAVEMENT	SY	STD
2510-6750501	REMOVAL AND CRUSHING OF PAVEMENT	SY	STD
2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES	EACH	STD
2511-0300000	REMOVAL OF RECREATIONAL TRAIL	SY	STD
2511-0301200	RECREATIONAL TRAIL, HOT MIX ASPHALT, 2 IN.	SY	STD
2511-0301300	RECREATIONAL TRAIL, HOT MIX ASPHALT, 3 IN.	SY	STD
2511-0301400	RECREATIONAL TRAIL, HOT MIX ASPHALT, 4 IN.	SY	STD
2511-0301500	RECREATIONAL TRAIL, HOT MIX ASPHALT, 5 IN.	SY	STD
2511-0301600	RECREATIONAL TRAIL, HOT MIX ASPHALT, 6 IN.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2511-0301800	RECREATIONAL TRAIL, HOT MIX ASPHALT, 8 IN.	SY	STD
2511-0302400	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 4 IN.	SY	STD
2511-0302500	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 5 IN.	SY	STD
2511-0302600	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.	SY	STD
2511-0302700	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 7 IN.	SY	STD
2511-0302800	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 8 IN.	SY	STD
2511-0310100	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	STA	STD
2511-6745900	REMOVAL OF SIDEWALK	SY	STD
2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	STD
2511-7526005	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	STD
2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	STD
2511-7526007	SIDEWALK, P.C. CONCRETE, 7 IN.	SY	STD
2511-7526008	SIDEWALK, P.C. CONCRETE, 8 IN.	SY	STD
2511-7526010	SIDEWALK, P.C. CONCRETE, 10 IN.	SY	STD
2511-7526105	SIDEWALK, REINFORCED P.C. CONCRETE, 5 IN.	SY	STD
2511-7526106	SIDEWALK, REINFORCED P.C. CONCRETE, 6 IN.	SY	STD
2511-7526107	SIDEWALK, REINFORCED P.C. CONCRETE, 7 IN.	SY	STD
2511-7526108	SIDEWALK, REINFORCED P.C. CONCRETE, 8 IN.	SY	STD
2511-7528101	DETECTABLE WARNINGS	SF	STD
2511-7528150	PEDESTRIAN CHANNELIZER	LF	SRP
2512-1725156	CURB AND GUTTER, P.C. CONCRETE, 1.5 FT.	LF	STD
2512-1725206	CURB AND GUTTER, P.C. CONCRETE, 2.0 FT.	LF	STD
2512-1725256	CURB AND GUTTER, P.C. CONCRETE, 2.5 FT.	LF	STD
2512-1725306	CURB AND GUTTER, P.C. CONCRETE, 3.0 FT.	LF	STD
2512-1725356	CURB AND GUTTER, P.C. CONCRETE, 3.5 FT.	LF	STD
2512-1725406	CURB AND GUTTER, P.C. CONCRETE, 4.0 FT.	LF	STD
2512-1725456	CURB AND GUTTER, P.C. CONCRETE, 4.5 FT.	LF	STD
2512-1725506	CURB AND GUTTER, P.C. CONCRETE, 5.0 FT.	LF	STD
2512-1725556	CURB AND GUTTER, P.C. CONCRETE, 5.5 FT.	LF	STD
2512-1750006	CURB AND GUTTER, P.C. CONCRETE, AS PER PLAN	LF	STD
2512-1859000	CURB, SPECIAL, AS PER PLAN	LF	STD
2512-1950000	CURB, DOWELLED P.C. CONCRETE, AS PER PLAN	LF	STD
2513-0001000	CONCRETE BARRIER, BA-100	LF	STD5
2513-0001005	CONCRETE BARRIER, BA-100 AND FOOTING	LF	STD5
2513-0001011	CONCRETE BARRIER, BA-101	EACH	STD5

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2513-0001020	CONCRETE BARRIER, BA-102	LF	STD5
2513-0001025	CONCRETE BARRIER, BA-102 AND FOOTING	LF	STD5
2513-0001030	CONCRETE BARRIER, BA-103	LF	STD5
2513-0001035	CONCRETE BARRIER, BA-103 AND FOOTING	LF	STD5
2513-0001040	CONCRETE BARRIER, BA-104	LF	STD5
2513-0001050	CONCRETE BARRIER, BA-105	EACH	STD5
2513-0001070	CONCRETE BARRIER RAIL, BA-107	EACH	STD5
2513-0001081	CONCRETE BARRIER, TAPERED END, BA-108	EACH	STD5
2513-0001100	CONCRETE BARRIER, BA-110	EACH	STD5
2513-0001105	CONCRETE BARRIER, BA-105 AND FOOTING	EACH	STD5
2513-0001120	CONCRETE BARRIER, BA-112	EACH	STD5
2513-0471000	CONCRETE BARRIER, APPROACH, AS PER PLAN	EACH	STD
2513-0471001	CONCRETE BARRIER, APPROACH, MODIFIED	EACH	STD
2513-0474990	CONCRETE BARRIER, REINFORCED, AS PER PLAN	LF	STD
2513-0475000	CONCRETE BARRIER TRANSITION SECTION	EACH	SRP
2513-2350010	CONCRETE BARRIER (PEDESTRIAN/TRAFFIC)	LF	STD
2513-2350015	CONCRETE BARRIER END SECTION (PEDESTRIAN/TRAFFIC)	EACH	STD
2513-4870003	MEDIAN BARRIER, P.C. CONCRETE	LF	STD
2514-0000100	REMOVAL OF POSTS (OBJECT MARKER FOR FLUME)	EACH	STD
2514-0000200	REMOVAL OF CURB	STA	STD
2514-0000300	REMOVAL OF FLUMES	EACH	STD
2515-2475005	DRIVEWAY, P.C. CONCRETE, 5 IN.	SY	STD
2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	STD
2515-2475007	DRIVEWAY, P.C. CONCRETE, 7 IN.	SY	STD
2515-2475008	DRIVEWAY, P.C. CONCRETE, 8 IN.	SY	STD
2515-2475009	DRIVEWAY, P.C. CONCRETE, 9 IN.	SY	STD
2515-2475075	DRIVEWAY, P.C. CONCRETE, 7.5 IN.	SY	STD
2515-2475095	DRIVEWAY, P.C. CONCRETE, 9.5 IN.	SY	STD
2515-2475106	DRIVEWAY, REINFORCED P.C. CONCRETE, 6 IN.	SY	STD
2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	STD
2516-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	STD
2516-8725000	P.C. CONCRETE RETAINING WALL	CY	STD
2516-8725006	LIMESTONE RETAINING WALL, AS PER PLAN	SF	PLAN
2516-8725065	SPECIAL RETAINING WALL, AS PER PLAN	SF	PLAN
2517-4225210	RAILROAD APPROACH SECTION, P.C.C.	SY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2517-4225220	RAILROAD APPROACH SECTION, HMA	SY	STD
2518-0000010	ITS CONSTRUCTION SURVEY	LS	DS
2518-0000015	ITS POWER INSTALLED FOUNDATION, FURNISH AND INSTALL	EACH	DS
2518-0000020	ITS POWER INSTALLED FOUNDATION, INSTALL ONLY	EACH	DS
2518-0000025	ITS STEEL POLE, FURNISH AND INSTALL	EACH	DS
2518-0000030	ITS STEEL POLE, INSTALL ONLY	EACH	DS
2518-0000035	ITS STEEL POLE, REMOVE AND REINSTALL	EACH	DS
2518-0000040	ITS STEEL POLE, REMOVE	EACH	DS
2518-0000045	ITS CABINET FOUNDATION	EACH	DS
2518-0000050	ITS DEVICE CABINET, FURNISH AND INSTALL	EACH	DS
2518-0000055	ITS DEVICE CABINET, INSTALL ONLY	EACH	DS
2518-0000060	ITS DEVICE CABINET, REMOVE AND REINSTALL	EACH	DS
2518-0000065	ITS DEVICE CABINET, REMOVE	EACH	DS
2518-0000080	ITS HANDHOLE, 30x17x24	EACH	DS
2518-0000090	ITS HANDHOLE, 36x24x36	EACH	DS
2518-0000100	ITS HANDHOLE, 48x30x36	EACH	DS
2518-0000110	ITS HANDHOLE, REMOVE	EACH	DS
2518-0000120	ITS FIBER MARKER	EACH	DS
2518-0000130	ITS TEST STATION	EACH	DS
2518-0000140	ITS ISOLATION GROUND SWITCH	EACH	DS
2518-0000150	ITS GROUND ROD	EACH	DS
2518-0001125	ITS CONDUIT, HDPE, 1.25 INCH BORED	LF	DS
2518-0001150	ITS CONDUIT, HDPE, 1.5 INCH BORED	LF	DS
2518-0001200	ITS CONDUIT, HDPE, 2 INCH BORED	LF	DS
2518-0001400	ITS CONDUIT, HDPE, 4 INCH BORED	LF	DS
2518-0002125	ITS CONDUIT, HDPE, 1.25 INCH PLOWED	LF	DS
2518-0002150	ITS CONDUIT, HDPE, 1.5 INCH PLOWED	LF	DS
2518-0002200	ITS CONDUIT, HDPE, 2 INCH PLOWED	LF	DS
2518-0002400	ITS CONDUIT, HDPE, 4 INCH PLOWED	LF	DS
2518-0003200	ITS CONDUIT, HDPE SDR-11, 2 INCH BORED	LF	DS
2518-0004050	ITS CONDUIT, RIGID STEEL, 0.5 INCH	LF	DS
2518-0004125	ITS CONDUIT, RIGID STEEL, 1.25 INCH	LF	DS
2518-0004150	ITS CONDUIT, RIGID STEEL, 1.5 INCH	LF	DS
2518-0004200	ITS CONDUIT, RIGID STEEL, 2 INCH	LF	DS
2518-0005125	ITS CONDUIT, ELECTRIC METALLIC TUBE, 1.25 INCH	LF	DS

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2518-0005150	ITS CONDUIT, ELECTRIC METALLIC TUBE, 1.5 INCH	LF	DS
2518-0005200	ITS CONDUIT, ELECTRIC METALLIC TUBE, 2 INCH	LF	DS
2518-0005300	ITS CONDUIT, LOWER IN PLACE	LF	DS
2518-0005400	EXPOSE EXISTING CONDUIT	LF	DS
2518-0006000	XHHW COPPER WIRE, NO. 0 (1/0) AWG	LF	DS
2518-0006001	XHHW COPPER WIRE, NO. 1 AWG	LF	DS
2518-0006002	XHHW COPPER WIRE, NO. 2 AWG	LF	DS
2518-0006003	XHHW COPPER WIRE, NO. 3 AWG	LF	DS
2518-0006004	XHHW COPPER WIRE, NO. 4 AWG	LF	DS
2518-0006006	XHHW COPPER WIRE, NO. 6 AWG	LF	DS
2518-0006008	XHHW COPPER WIRE, NO. 8 AWG	LF	DS
2518-0006010	XHHW COPPER WIRE, NO. 10 AWG	LF	DS
2518-0006015	ITS TRACER WIRE	LF	DS
2518-0007012	FIBER OPTIC CABLE, 12 SM DIELECTRIC	LF	DS
2518-0007024	FIBER OPTIC CABLE, 24 SM DIELECTRIC	LF	DS
2518-0007048	FIBER OPTIC CABLE, 48 SM DIELECTRIC	LF	DS
2518-0007096	FIBER OPTIC CABLE, 96 SM DIELECTRIC	LF	DS
2518-0007144	FIBER OPTIC CABLE, 144 SM DIELECTRIC	LF	DS
2518-0007288	FIBER OPTIC CABLE, 288 SM DIELECTRIC	LF	DS
2518-0008012	FIBER OPTIC CABLE, 12 SM ARMORED	LF	DS
2518-0008024	FIBER OPTIC CABLE, 24 SM ARMORED	LF	DS
2518-0008048	FIBER OPTIC CABLE, 48 SM ARMORED	LF	DS
2518-0008096	FIBER OPTIC CABLE, 96 SM ARMORED	LF	DS
2518-0008144	FIBER OPTIC CABLE, 144 SM ARMORED	LF	DS
2518-0008288	FIBER OPTIC CABLE, 288 SM ARMORED	LF	DS
2518-0008300	FIBER OPTIC CABLE, INSTALL ONLY	LF	DS
2518-0008305	FIBER OPTIC CABLE, REMOVE	LF	DS
2518-0008310	FIBER OPTIC CABLE, LOWER IN PLACE	LF	DS
2518-0008315	EXPOSE EXISTING DIRECT BURIED FIBER OPTIC CABLE	LF	DS
2518-0008320	ITS METER PEDESTAL	EACH	DS
2518-0008322	ITS CIRCUIT BREAKER	EACH	DS
2518-0008325	ITS TRANSFORMER	EACH	DS
2518-0008330	EQUIPMENT RACK, FLOOR MOUNT	EACH	PLAN
2518-0008335	EQUIPMENT RACK, WALL MOUNT	EACH	PLAN
2518-0008340	UNIT CONNECTOR HOUSING, ONE RACK	EACH	DS

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2518-0008345	UNIT CONNECTOR HOUSING, FOUR RACK	EACH	DS
2518-0008350	MODULE CONNECTOR HOUSING SPLICE CASSETTES	EACH	DS
2518-0008355	CONNECTOR ADAPTOR PANEL, SIX DUPLEX SC	EACH	DS
2518-0008360	SINGLE PANEL HOUSING	EACH	DS
2518-0008365	UPC/SC FACTORY TERMINATED FIBER CONNECTOR AND PIGTAILS	EACH	DS
2518-0008370	FIBER OPTIC SPLICE CLOSURE	EACH	DS
2518-0008375	EXISTING FIBER OPTIC SPLICE CLOSURE WORK	EACH	DS
2518-0008380	FIBER OPTIC SPLICE TRAY, 12	EACH	DS
2518-0008385	FIBER OPTIC SPLICE TRAY, 24	EACH	DS
2518-0008390	FIBER OPTIC SPLICE TRAY, 72	EACH	DS
2518-0008395	FIBER OPTIC SPLICE	EACH	DS
2518-0008400	FIBER OPTIC CABLE ACCEPTANCE TESTING	LS	DS
2519-1001000	FENCE, CHAIN LINK, VINYL COATED	LF	STD6
2519-1002042	FENCE, CHAIN LINK, 42 IN. HEIGHT	LF	STD
2519-1002048	FENCE, CHAIN LINK, 48 IN. HEIGHT	LF	STD
2519-1002060	FENCE, CHAIN LINK, 60 IN. HEIGHT	LF	STD
2519-1002072	FENCE, CHAIN LINK, 72 IN. HEIGHT	LF	STD
2519-1002084	FENCE, CHAIN LINK, 84 IN. HEIGHT	LF	STD
2519-1002096	FENCE, CHAIN LINK, 96 IN. HEIGHT	LF	STD
2519-1002120	FENCE, CHAIN LINK, 120 IN. HEIGHT	LF	STD
2519-1003072	FENCE, CHAIN LINK WITH SECURITY TOP, 72 IN. HEIGHT	LF	STD
2519-1004072	FENCE, CHAIN LINK, 72 IN. HEIGHT, ON WALL	LF	STD
2519-1019018	FENCE UNDERLAYMENT, 18 INCH WIDE	LF	PLAN
2519-2000010	FENCE, CHANNEL CROSSING, TYPE A	LF	STD
2519-2000020	FENCE, CHANNEL CROSSING, TYPE B	LF	STD
2519-2000100	FENCE, CHANNEL CROSSING, CHAIN LINK, AS PER PLAN	LF	STD
2519-3000000	FLOOD PLAIN FENCE	LF	STD
2519-3280000	FENCE, FIELD	LF	STD
2519-3300400	FIELD FENCE BRACE PANELS	EACH	STD
2519-3300600	FENCE, SAFETY	LF	PLAN
2519-3300700	FENCE, TEMPORARY	LF	PLAN
2519-3500096	DEER FENCE, 96 IN.	LF	STD
2519-3600221	DEER FENCE BRACE PANELS	EACH	STD
2519-3610000	SMALL ANIMAL BARRIER	LF	PLAN
2519-3700000	GATE, AS PER PLAN	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2519-3700001	GATE, DEER, AS PER PLAN	EACH	SRP
2519-3710000	GATE ASSEMBLY, CHAIN LINK,	EACH	STD5
2519-3711600	GATE ASSEMBLY, CHAIN LINK, 16 FT.	EACH	STD5
2519-3750012	GATE, FIELD FENCE, 12 FT.	EACH	STD
2519-3750017	GATE, FIELD FENCE, 16 FT.	EACH	STD5
2519-3750018	GATE, FIELD FENCE, 18 FT.	EACH	STD
2519-3750020	GATE, FIELD FENCE, 20 FT.	EACH	STD
2519-3750022	GATE, FIELD FENCE, 22 FT.	EACH	STD
2519-3750024	GATE, FIELD FENCE, 24 FT.	EACH	STD
2519-3760000	ENTRANCE BOLLARD	EACH	PLAN
2519-4200010	REMOVAL AND REINSTALLATION OF FENCE, BARBED WIRE	LF	STD
2519-4200020	REMOVAL AND REINSTALLATION OF FENCE, CHAIN LINK	LF	STD
2519-4200030	REMOVAL AND REINSTALLATION OF FENCE, DEER	LF	STD
2519-4200040	REMOVAL AND REINSTALLATION OF FENCE, FIELD	LF	STD
2519-4200090	REMOVAL AND REINSTALLATION OF FENCE,	LF	STD
2519-4200110	REMOVAL OF FENCE, BARBED WIRE	LF	STD
2519-4200120	REMOVAL OF FENCE, CHAIN LINK	LF	STD
2519-4200130	REMOVAL OF FENCE, DEER	LF	STD
2519-4200140	REMOVAL OF FENCE, FIELD	LF	STD
2519-4200190	REMOVAL OF FENCE,	LF	STD
2520-0005010	POP-UP NETWORK DEVICE	EACH	DS
2520-3350010	FIELD LABORATORY	EACH	STD
2520-3350015	FIELD OFFICE	EACH	STD
2522-8929100	LIGHTING TOWER, 100 FT.	EACH	STD
2522-8929120	LIGHTING TOWER, 120 FT.	EACH	STD
2522-8929130	LIGHTING TOWER, 130 FT.	EACH	STD
2522-8929140	LIGHTING TOWER, 140 FT.	EACH	STD
2522-8929150	LIGHTING TOWER, 150 FT.	EACH	STD
2522-8929160	LIGHTING TOWER, 160 FT.	EACH	STD
2522-8929300	LIGHTING TOWER, REMOVE AND REPLACE	EACH	PLAN
2522-8930230	LUMINAIRE, TOWER FLOODLIGHTING	EACH	STD
2523-0000100	LIGHTING POLES	EACH	STD
2523-0000200	ELECTRICAL CIRCUITS	LF	STD
2523-0000310	HANDHOLES AND JUNCTION BOXES	EACH	STD
2523-0000400	CONTROL CABINET	EACH	STD

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2523-0000510	UNDERDECK LIGHTING (LI-120)	EACH	STD
2523-6765009	REMOVE AND REINSTALL LIGHT POLE AND LUMINAIRE	EACH	PLAN
2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	PLAN
2524-6765015	REMOVE AND REINSTALL DELINEATOR POSTS	EACH	PLAN
2524-6765016	REMOVE AND REINSTALL REFERENCE LOCATION SIGN	EACH	STD
2524-6765110	REMOVAL OF TYPE A SIGN	EACH	PLAN
2524-6765120	REMOVAL OF TYPE B SIGN	EACH	PLAN
2524-6765210	REMOVAL OF TYPE A SIGN ASSEMBLY	EACH	PLAN
2524-6765220	REMOVAL OF TYPE B SIGN ASSEMBLY	EACH	PLAN
2524-9081261	CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 6'-0"	EACH	STD
2524-9081275	CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 7'-6"	EACH	STD
2524-9081290	CONCRETE FOOTING FOR BREAKAWAY SIGN POST, 2'-8" DIA. X 9'-0"	EACH	STD
2524-9089100	DELINEATOR, RIGID - TYPE I	EACH	STD
2524-9089110	DELINEATOR, RIGID - TYPE IA	EACH	STD
2524-9089200	DELINEATOR, RIGID - TYPE II	EACH	STD
2524-9089300	DELINEATOR, RIGID - TYPE III	EACH	STD
2524-9100010	OBJECT MARKER, TYPE 1	EACH	PLAN
2524-9100020	OBJECT MARKER, TYPE 2	EACH	PLAN
2524-9100030	OBJECT MARKER, TYPE 3	EACH	PLAN
2524-9130011	GUIDANCE MARKER, CHEVRON W1-8 (SPECIAL)	EACH	SRP
2524-9210007	REFERENCE LOCATION SIGNS	EACH	STD
2524-9215006	ROUTE MARKER, 6 IN. X 6 IN.	EACH	STD
2524-9265010	POSTS, STEEL, AS PER PLAN	EACH	PLAN
2524-9275100	WOOD POSTS FOR TYPE A OR B SIGNS, 4 IN. X 4 IN.	LF	STD
2524-9275222	WOOD POSTS FOR TYPE A OR B SIGNS, 4 IN. X 6 IN.	LF	STD
2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS	LF	STD
2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION	EACH	STD
2524-9276024	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY CONCRETE INSTALLATION	EACH	STD
2524-9276027	PERFORATED SQUARE STEEL TUBE POST ANCHOR, TRIANGULAR SLIP BASE ASSEMBLY	EACH	STD
2524-9278046	STEEL BREAKAWAY SIGN POSTS, RECTANGULAR TUBE, 4" X 6"	LF	SRP
2524-9281000	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, INSTALL ONLY	EACH	PLAN
2524-9281090	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 6 X 9	LF	STD
2524-9281121	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 6 X 12	LF	STD
2524-9281150	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 6 X 15	LF	STD
2524-9281180	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 8 X 18	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2524-9281210	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 8 X 21	LF	STD
2524-9281322	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 10 X 22	LF	STD
2524-9281326	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 10 X 26	LF	STD
2524-9281426	STEEL BREAKAWAY SIGN POSTS FOR TYPE A OR B SIGNS, W 12 X 26	LF	STD
2524-9282010	WILDLIFE WARNING REFLECTORS, AS PER PLAN	EACH	PLAN
2524-9290006	MODIFICATION OF EXISTING SIGNS	EACH	PLAN
2524-9290009	SIGN MOUNTING BRACKETS, SPECIAL	EACH	PLAN
2524-9325001	TYPE A SIGNS, SHEET ALUMINUM	SF	STD
2524-9325005	TYPE A SIGNS, GALVANIZED STEEL	SF	STD
2524-9325007	TYPE A SIGNS, PLYWOOD	SF	STD
2524-9325100	TYPE A SIGNS, MODIFICATION, AS PER PLAN	EACH	PLAN
2524-9325150	INSTALL TYPE A SIGN	EACH	PLAN
2524-9380001	TYPE B SIGNS, EXTRUDED ALUMINUM STRUCTURAL PANEL	SF	STD
2524-9680250	INSTALL TYPE B SIGN	EACH	PLAN
2525-0000100	TRAFFIC SIGNALIZATION	LS	STD
2525-0000120	REMOVAL OF TRAFFIC SIGNALIZATION	LS	STD
2525-0000200	LOOP DETECTORS (ADDITION OR REPLACEMENT TO AN EXISTING TRAFFIC SIGNAL SYSTEM)	EACH	PLAN
2526-8285000	CONSTRUCTION SURVEY	LS	STD
2526-9000000	GEOSPATIAL MAPPING OF SUB-SURFACE AND UNDERGROUND UTILITIES	LF	DS
2527-8400065	TEMPORARY DELINEATORS	EACH	STD
2527-9263005	RAISED PAVEMENT MARKERS	EACH	STD
2527-9263100	PAINTED AIRPORT PAVEMENT MARKING	SF	SP
2527-9263104	AIRPORT PAVEMENT MARKINGS REMOVED	SF	SP
2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	STD
2527-9263138	PAINTED SYMBOLS AND LEGENDS, HIGH-BUILD WATERBORNE	EACH	STD
2527-9263143	PAINTED SYMBOLS AND LEGENDS, DURABLE	EACH	STD
2527-9263146	PAINTED SYMBOLS AND LEGENDS,	EACH	STD
2527-9263147	PAINTED SYMBOLS AND LEGENDS, MULTI-COMPONENT LIQUID	EACH	PLAN
2527-9263152	PRE-CUT SYMBOLS AND LEGENDS, REGULAR MARKING TAPE	EACH	STD
2527-9263154	PRE-CUT SYMBOLS AND LEGENDS, PREFORMED POLYMER MARKING MATERIAL	EACH	STD
2527-9263155	PRE-CUT SYMBOLS AND LEGENDS, PREFORMED THERMOPLASTIC MARKING MATERIAL	EACH	DS
2527-9263156	PRE-CUT SYMBOLS AND LEGENDS, PROFILED PAVEMENT MARKING TAPE	EACH	STD
2527-9263158	PRE-CUT SYMBOLS AND LEGENDS, INTERSECTION MARKING TAPE	EACH	STD
2527-9263181	PAVEMENT MARKINGS REMOVED	STA	STD
2527-9263190	SYMBOLS AND LEGENDS REMOVED	EACH	STD

BID ITEM LIST (english)

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ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	STD
2527-9263212	PAINTED PAVEMENT MARKINGS, HIGH-BUILD WATERBORNE	STA	STD
2527-9263216	PAINTED PAVEMENT MARKINGS, MULTI-COMPONENT LIQUID	STA	DS
2527-9263217	PAINTED PAVEMENT MARKINGS, DURABLE	STA	STD
2527-9263218	PAINTED PAVEMENT MARKINGS,	STA	STD
2527-9263222	PERMANENT TAPE MARKINGS, REGULAR MARKING TAPE	STA	STD
2527-9263224	PERMANENT TAPE MARKINGS, PREFORMED POLYMER MARKING MATERIAL	STA	STD
2527-9263225	PERMANENT TAPE MARKINGS, PREFORMED THERMOPLASTIC MARKING MATERIAL	STA	DS
2527-9263226	PERMANENT TAPE MARKINGS, PROFILED PAVEMENT MARKING TAPE	STA	STD
2527-9263228	PERMANENT TAPE MARKINGS, INTERSECTION MARKING TAPE	STA	STD
2527-9263231	REMOVABLE TAPE MARKINGS, WET RETROREFLECTIVE	STA	STD
2527-9263233	REMOVABLE TAPE MARKINGS, NONREFLECTIVE	STA	STD
2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS	STA	STD
2527-9270120	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	STD
2528-2518000	SAFETY CLOSURE	EACH	STD
2528-2518005	CROSSOVER BARRICADE	EACH	PLAN
2528-2518010	REMOVE AND REINSTALL CROSSOVER BARRICADES	EACH	PLAN
2528-2518050	REMOVAL OF ROAD CLOSURE BARRICADE	EACH	PLAN
2528-2518181	PERMANENT ROAD CLOSURE, RURAL, SI-181	LF	SRP
2528-2518182	PERMANENT ROAD CLOSURE, URBAN, SI-182	EACH	SRP
2528-3800000	MODULAR GLARE SCREEN SYSTEM	LF	STD
2528-4983200	MONITORING WITH INCIDENT RESPONSE	CDAY	STD
2528-5160000	NO EXCUSE ROAD OPENING BONUS,	LS	PROP
2528-5160100	CRITICAL CLOSURE ACTIVITY INCENTIVE PAYMENT (OR DISINCENTIVE ASSESSMENT)	CDAY	PROP
2528-8400048	TEMPORARY BARRIER RAIL, CONCRETE	LF	STD
2528-8400049	TEMPORARY BARRIER RAIL, STEEL	LF	STD
2528-8400055	TEMPORARY TO PERMANENT BARRIER CONNECTION	EACH	PLAN
2528-8400157	TEMPORARY FLOODLIGHTING LUMINAIRE	EACH	STD
2528-8400256	TEMPORARY TRAFFIC SIGNALS	EACH	STD
2528-8445110	TRAFFIC CONTROL	LS	STD
2528-8445113	FLAGGERS	EACH	STD
2528-8445115	PILOT CARS	EACH	STD
2528-9109020	TEMPORARY LANE SEPARATOR SYSTEM	LF	STD
2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	STD
2528-9290100	TRUCK-MOUNTED OR TRAILER-MOUNTED ATTENUATOR	CDAY	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2529-0400057	HOT MIX ASPHALT (COMPOSITE SECTION)	TON	STD
2529-2242304	CD JOINT ASSEMBLY	EACH	STD
2529-2242320	CT JOINT	EACH	STD
2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	STD
2529-5070111	PATCHES, FULL-DEPTH FINISH, BY AREA (50 FEET OR GREATER IN LENGTH)	SY	STD
2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	STD
2529-8174010	SUBBASE (PATCHES)	SY	STD
2529-8174020	SUBBASE PATCH WITH EF JOINT	SY	STD
2529-8174050	PATCH SUBDRAIN	EACH	STD
2529-8200100	PRESSURE RELIEF JOINT	LF	PLAN
2529-8200200	PRESSURE RELIEF JOINT, CF	LF	PLAN
2529-8201000	JOINT ASSEMBLY, EF	EACH	STD
2529-8202000	RUMBLE STRIP PANEL (IN FULL DEPTH PATCH)	EACH	STD
2530-0400061	HOT MIX ASPHALT (PARTIAL DEPTH PATCH MATERIAL)	TON	STD
2530-5070210	PATCHES, PARTIAL-DEPTH P.C.C. FINISH	SF	STD
2530-5070221	REGULAR PARTIAL DEPTH HOT MIX ASPHALT FINISH PATCHES, BY AREA	SY	STD
2530-5070231	IRREGULAR PARTIAL DEPTH HOT MIX ASPHALT FINISH PATCHES, BY AREA	SY	STD
2530-5070240	PARTIAL DEPTH PCC JOINT AND CRACK REPAIR PATCHES	LF	STD
2530-5070250	OVERDEPTH PATCHES	SF	STD
2531-5200010	PAVEMENT SURFACE REPAIR (MILLING LIMESTONE)	SY	STD
2531-5200020	PAVEMENT SURFACE REPAIR (MILLING GRAVEL)	SY	STD
2532-5200001	PAVEMENT SURFACE REPAIR (GRINDING LIMESTONE)	SY	STD
2532-5200002	PAVEMENT SURFACE REPAIR (GRINDING GRAVEL)	SY	STD
2533-4980005	MOBILIZATION	LS	STD
2533-4980020	MOBILIZATION, ON-CALL	EACH	DS
2535-8700001	TYPE 4 CLOSED FACE CRIB WALL	SY	STD
2535-8700002	TYPE 6 CLOSED FACE CRIB WALL	SY	STD
2535-8700003	TYPE 8 CLOSED FACE CRIB WALL	SY	STD
2535-8700004	TYPE 4 OPEN FACE CRIB WALL	SY	STD
2535-8700006	TYPE 6 OPEN FACE CRIB WALL	SY	STD
2535-8700008	TYPE 8 OPEN FACE CRIB WALL	SY	STD
2536-6745045	REMOVAL OF ASBESTOS	LS	STD
2537-6746000	REMOVAL OF UNDERGROUND TANKS	EACH	STD
2537-6911020	SAMPLING AND TESTING FOR PETROLEUM CONTAMINATION (WATER AND SOIL SAMPLES FOR REMOVAL OF UNDERGROUND TANKS)	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2537-8820900	WATER SAMPLING WELL	EACH	STD
2537-8900000	REMEDICATION OF PETROLEUM CONTAMINATED SOIL	CY	STD
2537-8900100	SAMPLING AND TESTING FOR PETROLEUM CONTAMINATION (WATER AND SOIL SAMPLES FOR REMEDIATION OF PETROLEUM CONTAMINATED SOIL)	EACH	STD
2537-8900500	AMENDED SOIL	CY	SP2
2538-6970000	SALVAGE, REMOVAL, AND DISPOSAL OF OBSTRUCTIONS ON PARCEL NO.	LS	STD
2538-6970010	SALVAGE, REMOVAL, AND DISPOSAL OF OBSTRUCTIONS	LS	STD
2538-6975110	SEALING WELLS	EACH	STD
2539-4254500	HOLES (FOR PRESSURE GROUTING)	EACH	STD
2539-6294000	PORTLAND CEMENT (FOR PRESSURE GROUTING)	TON	STD
2539-6500000	RAW POLYURETHANE MATERIAL	LB	SP
2539-6600000	POLYURETHANE MATERIAL FOR DEEP SOIL INJECTION	LB	DS
2539-6600010	DYNAMIC CONE PENETROMETER (DCP) TESTING	EACH	DS
2540-4480507	LONGITUDINAL JOINT REPAIR	LF	STD
2541-1003001	SAWING AND SEALING JOINTS (HMA SURFACES)	LF	PLAN
2541-1004011	CRACK AND JOINT CLEANING AND SEALING (HMA SURFACES)	MILE	STD
2541-1005001	SEALER MATERIAL (HMA SURFACES)	LB	STD
2542-1006001	CRACK AND JOINT CLEANING AND FILLING (PCC PAVEMENT)	MILE	STD
2542-1007000	SEALER MATERIAL (PCC PAVEMENT)	LB	STD
2543-1000000	TRANSVERSE JOINT REPAIR	TON	STD
2543-1000110	TRANSVERSE JOINT CLEANING AND SEALING	MILE	DS
2543-1000120	TRANSVERSE JOINT LEVELING	LB	DS
2544-1001100	CLEANING AND FILLING CRACKS (PAVEMENT MAINTENANCE)	MILE	STD
2544-1001200	CLEANING AND FILLING CRACKS (SHOULDER MAINTENANCE)	MILE	STD
2544-1002010	HOT MIX ASPHALT FOR CRACK FILLING	TON	STD
2544-1003000	FILLER MATERIAL (MAINTENANCE)	GAL	STD
2545-1000000	OVERLAY TYPE B GUIDE SIGNS	SF	STD
2546-1000100	GABIONS OR MATTRESSES	CY	STD
2546-1000200	ANCHOR STAKES	EACH	STD
2548-0000100	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE	STA	STD
2548-0000110	ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS)	GAL	STD
2548-0000115	ENGINEERED EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS)	GAL	STD
2548-0000120	ASPHALT EMULSION CONTAINING GILSONITE FOR FOG SEAL (SHOULDER RUMBLE STRIPS)	GAL	SS
2548-0000150	DIAMOND GROUND SHOULDER RUMBLE STRIPS, HMA SURFACE	STA	DS
2548-0000160	DIAMOND GROUND SHOULDER SINUSOIDAL RUMBLE STRIPS, HMA SURFACE	STA	DS

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2548-0000200	MILLED SHOULDER RUMBLE STRIPS, PCC SURFACE	STA	STD
2548-0000250	DIAMOND GROUND SHOULDER RUMBLE STRIPS, PCC SURFACE	STA	DS
2548-0000260	DIAMOND GROUND SHOULDER SINUSOIDAL RUMBLE STRIPS, PCC SURFACE	STA	DS
2548-0000310	MILLED CENTERLINE RUMBLE STRIPS, HMA SURFACE	STA	STD
2548-0000315	ENGINEERED EMULSION FOR FOG SEAL (CENTERLINE RUMBLE STRIPS)	GAL	SP
2548-0000317	ENGINEERED EMULSION FOR FOG SEAL (CENTERLINE RUMBLE STRIPS)	SY	SP
2548-0000320	MILLED CENTERLINE RUMBLE STRIPS, PCC SURFACE	STA	STD
2548-0000350	DIAMOND GROUND CENTERLINE RUMBLE STRIPS, HMA SURFACE	STA	DS
2548-0000355	DIAMOND GROUND CENTERLINE SINUNSOIDAL RUMBLE STRIPS, HMA SURFACE	STA	DS
2548-0000360	DIAMOND GROUND CENTERLINE RUMBLE STRIPS, PCC SURFACE	STA	DS
2548-0000365	DIAMOND GROUND CENTERLINE SINUSOIDAL RUMBLE STRIPS, PCC SURFACE	STA	DS
2549-0006210	SPOT REPAIR BY PIPE REPLACEMENT, BY COUNT	EACH	STD
2549-0006220	SPOT REPAIR BY PIPE REPLACEMENT, BY LINEAR FOOT	LF	STD
2549-0006311	INFILTRATION BARRIER	EACH	STD
2549-0006320	URETHANE CHIMNEY SEAL	EACH	STD
2549-0006410	IN-SITU MANHOLE REPLACEMENT, CAST-IN-PLACE CONCRETE	VLF	STD
2549-0006420	IN-SITU MANHOLE REPLACEMENT, CAST-IN-PLACE CONCRETE WITH PLASTIC LINER	VLF	STD
2549-0006430	MANHOLE LINING WITH CENTRIFUGALLY CAST CEMENTITIOUS MORTAR LINER WITH EPOXY SEAL	VLF	STD
2549-0010412	PRE-REHABILITATION CLEANING AND INSPECTION, 4 INCH TO 12 INCH DIAMETER PIPE	LF	STD
2549-0011524	PRE-REHABILITATION CLEANING AND INSPECTION, 15 INCH TO 24 INCH DIAMETER PIPE	LF	STD
2549-0012730	PRE-REHABILITATION CLEANING AND INSPECTION, 27 INCH TO 30 INCH DIAMETER PIPE	LF	STD
2549-0020412	ADDITIONAL SEWER CLEANING, 4 INCH TO 12 INCH DIAMETER PIPE	HOURL	STD
2549-0021524	ADDITIONAL SEWER CLEANING, 15 INCH TO 24 INCH DIAMETER PIPE	HOURL	STD
2549-0022730	ADDITIONAL SEWER CLEANING, 27 INCH TO 30 INCH DIAMETER PIPE	HOURL	STD
2549-0023000	PRE-REHABILITATION CLEANING AND INSPECTION, CULVERT	LF	STD
2549-0023005	MAINLINE CLEANING, CULVERT	LF	STD
2549-0023010	ADDITIONAL CULVERT CLEANING	HOURL	STD
2549-0025000	DEBRIS REMOVAL, TRANSPORTATION, AND DISPOSAL	TON	STD
2549-0030005	REMOVE PROTRUDING SERVICE CONNECTIONS	EACH	STD
2549-0030412	MAINLINE CLEANING, 4 INCH TO 12 INCH DIAMETER PIPE	LF	STD
2549-0031524	MAINLINE CLEANING, 15 INCH TO 24 INCH DIAMETER PIPE	LF	STD
2549-0032730	MAINLINE CLEANING, 27 INCH TO 30 INCH DIAMETER PIPE	LF	STD
2549-0041005	CURED-IN-PLACE PIPE LINING, MAIN	LF	STD
2549-0041010	CURED-IN-PLACE PIPE LINING, BUILDING SANITARY SEWER SERVICE REINSTATEMENT	EACH	STD
2549-0041015	CURED-IN-PLACE PIPE LINING, END SEAL	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2549-0041020	CURED-IN-PLACE PIPE POINT REPAIR	EACH	STD
2549-0041025	CURED-IN-PLACE PIPE SERVICE REPAIR, CONNECTION	EACH	STD
2549-0041030	CURED-IN-PLACE PIPE SERVICE REPAIR, PARTIAL PIPE	EACH	STD
2549-0041033	CURED-IN-PLACE CULVERT LINING	LF	STD
2549-0041035	PRESSURE TESTING OF MAINLINE SEWER JOINTS	EACH	STD
2549-0041040	INJECTION GROUTING OF MAINLINE SEWER JOINTS	EACH	STD
2549-0041045	PRESSURE TESTING OF SERVICE CONNECTIONS	EACH	STD
2549-0041050	INJECTION GROUTING OF SERVICE CONNECTIONS	EACH	STD
2549-0041055	CHEMICAL GROUT	GAL	STD
2549-0041060	BYPASS PUMPING	LS	STD
2551-0000110	TEMP CRASH CUSHION	EACH	STD
2551-0000120	TEMP CRASH CUSHION, REDIRECTIVE (R)	EACH	STD
2551-0000130	TEMP CRASH CUSHION, SEVERE USE (SU)	EACH	STD
2551-0000210	PERMANENT CRASH CUSHION	EACH	STD
2551-0000230	PERMANENT CRASH CUSHION, SEVERE USE (SU)	EACH	STD
2552-0000140	ROCK EXCAVATION	CY	STD
2552-0000210	TRENCH FOUNDATION	TON	STD
2552-0000220	REMOVAL, DISPOSAL, AND REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	CY	STD
2552-0000230	SPECIAL PIPE EMBEDMENT OR ENCASEMENT	LF	STD
2552-0000300	TRENCH COMPACTION TESTING	LS	STD
2554-0112004	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2554-0112006	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2554-0112008	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2554-0112010	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2554-0112012	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2554-0112014	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2554-0112016	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2554-0112018	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2554-0112020	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2554-0112024	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2554-0112030	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2554-0112036	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2554-0112042	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2554-0112048	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2554-0112054	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2554-0112060	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 60 IN.	LF	STD
2554-0112064	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 64 IN.	LF	STD
2554-0114004	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2554-0114006	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2554-0114008	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2554-0114010	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2554-0114012	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2554-0114014	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 14 IN.	LF	STD
2554-0114016	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 16 IN.	LF	STD
2554-0114018	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2554-0114020	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 20 IN.	LF	STD
2554-0114024	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2554-0114030	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2554-0122004	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2554-0122006	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2554-0122008	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2554-0122010	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2554-0122012	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2554-0122014	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2554-0122016	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2554-0122018	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2554-0122020	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2554-0122024	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2554-0122030	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2554-0122036	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2554-0122042	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2554-0122048	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2554-0122054	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2554-0122060	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 60 IN.	LF	STD
2554-0122064	WATER MAIN, TRENCHLESS, DUCTILE IRON PIPE (DIP), 64 IN.	LF	STD
2554-0124004	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2554-0124006	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2554-0124008	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2554-0124010	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2554-0124012	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2554-0124014	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 14 IN.	LF	STD
2554-0124016	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 16 IN.	LF	STD
2554-0124018	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2554-0124020	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 20 IN.	LF	STD
2554-0124024	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2554-0124030	WATER MAIN, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2554-0132004	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD
2554-0132006	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2554-0132008	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2554-0132010	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2554-0132012	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2554-0132014	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2554-0132016	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2554-0132018	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2554-0132020	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2554-0132024	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2554-0132030	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2554-0132036	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2554-0132042	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2554-0132048	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2554-0132054	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2554-0132060	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 60 IN.	LF	STD
2554-0132064	WATER MAIN WITH CASING PIPE, TRENCHED, DUCTILE IRON PIPE (DIP), 64 IN.	LF	STD
2554-0134004	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2554-0134006	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2554-0134008	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2554-0134010	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2554-0134012	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2554-0134014	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 14 IN.	LF	STD
2554-0134016	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 16 IN.	LF	STD
2554-0134018	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2554-0134020	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 20 IN.	LF	STD
2554-0134024	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2554-0134030	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2554-0142004	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 4 IN.	LF	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2554-0142006	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 6 IN.	LF	STD
2554-0142008	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 8 IN.	LF	STD
2554-0142010	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 10 IN.	LF	STD
2554-0142012	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 12 IN.	LF	STD
2554-0142014	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 14 IN.	LF	STD
2554-0142016	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 16 IN.	LF	STD
2554-0142018	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 18 IN.	LF	STD
2554-0142020	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 20 IN.	LF	STD
2554-0142024	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 24 IN.	LF	STD
2554-0142030	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 30 IN.	LF	STD
2554-0142036	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 36 IN.	LF	STD
2554-0142042	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 42 IN.	LF	STD
2554-0142048	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 48 IN.	LF	STD
2554-0142054	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 54 IN.	LF	STD
2554-0142060	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 60 IN.	LF	STD
2554-0142064	WATER MAIN WITH CASING PIPE, TRENCHLESS, DUCTILE IRON PIPE (DIP), 64 IN.	LF	STD
2554-0144004	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 4 IN.	LF	STD
2554-0144006	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.	LF	STD
2554-0144008	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	STD
2554-0144010	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.	LF	STD
2554-0144012	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	LF	STD
2554-0144014	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 14 IN.	LF	STD
2554-0144016	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 16 IN.	LF	STD
2554-0144018	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 18 IN.	LF	STD
2554-0144020	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 20 IN.	LF	STD
2554-0144024	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 24 IN.	LF	STD
2554-0144030	WATER MAIN WITH CASING PIPE, TRENCHLESS, POLYVINYL CHLORIDE PIPE (PVC), 30 IN.	LF	STD
2554-0202200	FITTINGS BY COUNT, DUCTILE IRON,	EACH	STD
2554-0202400	FITTINGS BY COUNT, POLYVINYL CHLORIDE (PVC),	EACH	STD
2554-0203000	FITTINGS BY WEIGHT, DUCTILE IRON	LB	STD
2554-0204000	WATER SERVICE STUB,	EACH	STD
2554-0204107	WATER SERVICE STUB, COPPER, 3/4 IN.	EACH	STD
2554-0204110	WATER SERVICE STUB, COPPER, 1 IN.	EACH	STD
2554-0204115	WATER SERVICE STUB, COPPER, 1-1/2 IN.	EACH	STD
2554-0204120	WATER SERVICE STUB, COPPER, 2 IN.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2554-0204207	WATER SERVICE STUB, PVC, 3/4 IN.	EACH	STD
2554-0204210	WATER SERVICE STUB, PVC, 1 IN.	EACH	STD
2554-0204215	WATER SERVICE STUB, PVC, 1-1/2 IN.	EACH	STD
2554-0204220	WATER SERVICE STUB, PVC, 2 IN.	EACH	STD
2554-0205000	WATER SERVICE STUB,	LF	STD
2554-0205107	WATER SERVICE STUB, COPPER, 3/4 IN.	LF	STD
2554-0205110	WATER SERVICE STUB, COPPER, 1 IN.	LF	STD
2554-0205115	WATER SERVICE STUB, COPPER, 1-1/2 IN.	LF	STD
2554-0205120	WATER SERVICE STUB, COPPER, 2 IN.	LF	STD
2554-0205207	WATER SERVICE STUB, PVC, 3/4 IN.	LF	STD
2554-0205210	WATER SERVICE STUB, PVC, 1 IN.	LF	STD
2554-0205215	WATER SERVICE STUB, PVC, 1-1/2 IN.	LF	STD
2554-0205220	WATER SERVICE STUB, PVC, 2 IN.	LF	STD
2554-0205300	WATER SERVICE CORPORATION,	EACH	STD
2554-0205407	WATER SERVICE CORPORATION, COPPER, 3/4 IN.	EACH	STD
2554-0205410	WATER SERVICE CORPORATION, COPPER, 1 IN.	EACH	STD
2554-0205415	WATER SERVICE CORPORATION, COPPER, 1-1/2 IN.	EACH	STD
2554-0205420	WATER SERVICE CORPORATION, COPPER, 2 IN.	EACH	STD
2554-0205507	WATER SERVICE CORPORATION, PVC, 3/4 IN.	EACH	STD
2554-0205510	WATER SERVICE CORPORATION, PVC, 1 IN.	EACH	STD
2554-0205515	WATER SERVICE CORPORATION, PVC, 1-1/2 IN.	EACH	STD
2554-0205520	WATER SERVICE CORPORATION, PVC, 2 IN.	EACH	STD
2554-0205600	WATER SERVICE CURB STOP AND BOX,	EACH	STD
2554-0205650	WATER SERVICE CURB STOP, COVER ONLY	EACH	PLAN
2554-0205707	WATER SERVICE CURB STOP AND BOX, COPPER, 3/4 IN.	EACH	STD
2554-0205710	WATER SERVICE CURB STOP AND BOX, COPPER, 1 IN.	EACH	STD
2554-0205715	WATER SERVICE CURB STOP AND BOX, COPPER, 1-1/2 IN.	EACH	STD
2554-0205720	WATER SERVICE CURB STOP AND BOX, COPPER, 2 IN.	EACH	STD
2554-0205807	WATER SERVICE CURB STOP AND BOX, PVC, 3/4 IN.	EACH	STD
2554-0205810	WATER SERVICE CURB STOP AND BOX, PVC, 1 IN.	EACH	STD
2554-0205815	WATER SERVICE CURB STOP AND BOX, PVC, 1-1/2 IN.	EACH	STD
2554-0205820	WATER SERVICE CURB STOP AND BOX, PVC, 2 IN.	EACH	STD
2554-0206000	VALVE, BUTTERFLY, DIP,	EACH	STD
2554-0206004	VALVE, BUTTERFLY, DIP, 4 IN.	EACH	STD
2554-0206006	VALVE, BUTTERFLY, DIP, 6 IN.	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2554-0206008	VALVE, BUTTERFLY, DIP, 8 IN.	EACH	STD
2554-0206010	VALVE, BUTTERFLY, DIP, 10 IN.	EACH	STD
2554-0206012	VALVE, BUTTERFLY, DIP, 12 IN.	EACH	STD
2554-0207000	VALVE, GATE, DIP,	EACH	STD
2554-0207004	VALVE, GATE, DIP, 4 IN.	EACH	STD
2554-0207006	VALVE, GATE, DIP, 6 IN.	EACH	STD
2554-0207008	VALVE, GATE, DIP, 8 IN.	EACH	STD
2554-0207010	VALVE, GATE, DIP, 10 IN.	EACH	STD
2554-0207012	VALVE, GATE, DIP, 12 IN.	EACH	STD
2554-0208000	TAPPING VALVE ASSEMBLY,	EACH	STD
2554-0208004	TAPPING VALVE ASSEMBLY, 4 IN.	EACH	STD
2554-0208006	TAPPING VALVE ASSEMBLY, 6 IN.	EACH	STD
2554-0208008	TAPPING VALVE ASSEMBLY, 8 IN.	EACH	STD
2554-0208010	TAPPING VALVE ASSEMBLY, 10 IN.	EACH	STD
2554-0208012	TAPPING VALVE ASSEMBLY, 12 IN.	EACH	STD
2554-0209000	VALVE REMOVAL,	EACH	STD
2554-0209004	VALVE REMOVAL, 4 IN.	EACH	STD
2554-0209006	VALVE REMOVAL, 6 IN.	EACH	STD
2554-0209008	VALVE REMOVAL, 8 IN.	EACH	STD
2554-0209010	VALVE REMOVAL, 10 IN.	EACH	STD
2554-0209012	VALVE REMOVAL, 12 IN.	EACH	STD
2554-0210201	FIRE HYDRANT ASSEMBLY, WM-201	EACH	STD
2554-0210205	FIRE HYDRANT ASSEMBLY REMOVAL	EACH	STD
2554-0211000	FLUSHING DEVICE (BLOWOFF),	EACH	STD
2554-0211002	FLUSHING DEVICE (BLOWOFF), 2 IN.	EACH	STD
2554-0211004	FLUSHING DEVICE (BLOWOFF), 4 IN.	EACH	STD
2554-0211006	FLUSHING DEVICE (BLOWOFF), 6 IN.	EACH	STD
2554-0211008	FLUSHING DEVICE (BLOWOFF), 8 IN.	EACH	STD
2554-0211010	FLUSHING DEVICE (BLOWOFF), 10 IN.	EACH	STD
2554-0211012	FLUSHING DEVICE (BLOWOFF), 12 IN.	EACH	STD
2554-0212020	VALVE BOX EXTENSION	EACH	STD
2554-0212030	VALVE BOX REPLACEMENT	EACH	STD
2554-0212040	VALVE BOX ADJUSTMENT, MINOR	EACH	STD
2554-0212050	VALVE BOX REMOVAL	EACH	STD
2554-0214000	FIRE HYDRANT ADJUSTMENT	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2555-000010	DELIVER AND STOCKPILE SALVAGED MATERIALS	LS	STD
2556-0000100	DOWEL BAR RETROFIT	EACH	STD
2556-0000200	CROSS-STITCHED TIE BAR	EACH	DS
2557-0000100	LONGITUDINAL GROOVING IN CONCRETE, PAVEMENT	SY	STD
2590-0000020	PROJECT MANAGEMENT	LS	SS
2595-0005100	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR	LS	SP
2595-0005105	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR BNSF RAILWAY CO.	LS	SP
2595-0005110	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CBEC RAILWAY INC.	LS	SP
2595-0005115	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CEDAR RAPIDS AND IOWA CITY RAILWAY INC.	LS	SP
2595-0005120	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAILROAD / CEDAR RIVER RAILROAD COMPANY	LS	DS
2595-0005125	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR DAKOTA, MINNESOTA, AND EASTERN RAILROAD CORP.	LS	DS
2595-0005130	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR D & I RAILROAD CO.	LS	SP
2595-0005135	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR IOWA INTERSTATE RAILROAD LLC	LS	SP
2595-0005140	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR IOWA NORTHERN RAILWAY CO.	LS	SP
2595-0005145	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR NORFOLK SOUTHERN RAILWAY CO.	LS	SP
2595-0005150	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR UNION PACIFIC RAILROAD CO.	LS	DS
2595-0450079	RAILROAD SUBBALLAST, FURNISH AND PLACE	TON	SP2
2595-0450081	RAILROAD BALLAST	TON	SP2
2595-6470000	RAIL (RAILROAD)	TLF	SP2
2595-7400100	REMOVAL OF RAILROAD CROSSING	LS	PLAN
2595-7400200	REMOVAL OF RAILROAD TRACK	TLF	PLAN
2599-6343000	PRELIMINARY ENGINEERING	LS	
2599-6344000	CONSTRUCTION ENGINEERING	LS	
2599-8500100	RENOVATION, AS PER PLAN	LS	PLAN
2599-9999001	('ACRES' ITEM)	ACRE	SP2
2599-9999002	('CALENDAR DAYS' ITEM)	CDAY	SP2
2599-9999003	('CUBIC YARDS' ITEM)	CY	SP2
2599-9999004	('DAYS' ITEM)	DAY	SP2
2599-9999005	('EACH' ITEM)	EACH	SP2
2599-9999006	('GALLONS' ITEM)	GAL	SP2
2599-9999007	('HOURS' ITEM)	HOUR	SP2
2599-9999008	('POUNDS' ITEM)	LB	SP2
2599-9999009	('LINEAR FEET' ITEM)	LF	SP2
2599-9999010	('LUMP SUM' ITEM)	LS	SP2

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2599-9999011	('THOUSANDS OF BOARD FEET' ITEM)	MFBM	SP2
2599-9999012	('THOUSANDS OF GALLONS' ITEM)	MGAL	SP2
2599-9999013	('MILES' ITEM)	MILE	SP2
2599-9999014	('SQUARE FEET' ITEM)	SF	SP2
2599-9999015	('SQUARES' ITEM)	SQ	SP2
2599-9999016	('STATION YARDS' ITEM)	ST-Y	SP2
2599-9999017	('STATIONS' ITEM)	STA	SP2
2599-9999018	('SQUARE YARDS' ITEM)	SY	SP2
2599-9999019	('TRACK LINEAR FEET' ITEM)	TLF	SP2
2599-9999020	('TONS' ITEM)	TON	SP2
2599-9999021	('UNITS' ITEM)	UNIT	SP2
2599-9999022	('CUBIC FEET' ITEM)	CF	SP2
2601-2632110	FERTILIZING	ACRE	STD
2601-2633100	MOWING	ACRE	STD
2601-2634100	MULCHING	ACRE	STD
2601-2634105	MULCHING, BONDED FIBER MATRIX	ACRE	STD
2601-2634110	MULCHING, MECHANICALLY-BONDED FIBER MATRIX	ACRE	STD
2601-2634115	MULCHING, ORGANIC FIBER MATRIX	ACRE	STD
2601-2634150	MULCHING, WOOD CELLULOSE FIBER	ACRE	STD
2601-2634450	COMPOST	ACRE	STD
2601-2634500	OVERSEEDING AND FERTILIZING	ACRE	STD
2601-2635800	SEEDBED AERATION	ACRE	PLAN
2601-2636015	NATIVE GRASS SEEDING	ACRE	STD
2601-2636017	NATIVE GRASS SEEDING (INSTALL ONLY)	ACRE	STD
2601-2636018	WETLAND GRASS SEEDING	ACRE	STD
2601-2636019	WETLAND GRASS SEEDING (INSTALL ONLY)	ACRE	STD
2601-2636041	SEEDING AND FERTILIZING	ACRE	STD
2601-2636043	SEEDING AND FERTILIZING (RURAL)	ACRE	STD
2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	STD
2601-2636045	SEEDING SPECIAL AREAS	ACRE	STD
2601-2636046	SEEDING AND FERTILIZING (RURAL) (INSTALL ONLY)	ACRE	STD
2601-2636054	WILDFLOWER SEEDING	ACRE	STD
2601-2636060	SALT TOLERANT SEEDING	ACRE	STD
2601-2636070	HYDRAULIC SEEDING	ACRE	STD
2601-2638352	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ	STD5

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2601-2638900	SLOPE RESHAPING	SQ	PLAN
2601-2639010	SODDING	SQ	STD
2601-2640330	SPECIAL DITCH CONTROL, PLASTIC NETTING	SQ	STD
2601-2640350	SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	SQ	STD
2601-2642100	STABILIZING CROP - SEEDING AND FERTILIZING	ACRE	STD
2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	STD
2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	MGAL	STD
2601-2643300	MOBILIZATION FOR WATERING	EACH	STD
2601-2643411	TURF REINFORCEMENT MAT, TYPE 1	SQ	STD
2601-2643412	TURF REINFORCEMENT MAT, TYPE 2	SQ	STD
2601-2643413	TURF REINFORCEMENT MAT, TYPE 3	SQ	STD
2601-2643414	TURF REINFORCEMENT MAT, TYPE 4	SQ	STD
2601-2700020	TRANSITION MAT	SF	STD
2601-3000000	STOP LOG STRUCTURE	EACH	PLAN
2601-3000110	MONITORING WELL	EACH	SP2
2601-3000112	MONITORING WELL ABANDONMENT	EACH	SP2
2601-3000120	STAFF GAGE	EACH	SP2
2601-3000201	HERBICIDE APPLICATION, CUT STUMP	EACH	PLAN
2601-3000206	HERBICIDE APPLICATION, CUT STUMP	LS	PLAN
2602-0000010	SILT DITCHES	LF	STD
2602-0000020	SILT FENCE	LF	STD
2602-0000030	SILT FENCE FOR DITCH CHECKS	LF	STD
2602-0000040	SILT DIKES	LF	STD
2602-0000050	SILT BASINS	EACH	STD
2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	STD
2602-0000080	REMOVAL OF SILT BASINS	EACH	STD
2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	STD
2602-0000110	BALES FOR DITCH CHECKS	EACH	PLAN
2602-0000120	DITCH CHECK (SYNTHETIC - HDPE)	LF	PLAN
2602-0000130	TEMPORARY SEDIMENT CONTROL BASIN	EACH	STD5
2602-0000135	REMOVAL OF TEMPORARY SEDIMENT CONTROL BASIN	EACH	STD5
2602-0000140	MAINTENANCE OF TEMPORARY SEDIMENT CONTROL BASIN	EACH	STD5
2602-0000150	STABILIZED CONSTRUCTION ENTRANCE, EC-303	LF	STD5
2602-0000160	ROCK CHECK DAM	LF	STD5
2602-0000170	MAINTENANCE OF ROCK CHECK DAM	EACH	STD5

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2602-0000180	REMOVAL OF ROCK CHECK DAM	EACH	STD5
2602-0000212	FLOATING SILT CURTAIN (HANGING)	LF	DS
2602-0000222	FLOATING SILT CURTAIN (CONTAINMENT)	LF	DS
2602-0000230	CLEAN-OUT OF FLOATING SILT CURTAIN (CONTAINMENT)	LF	DS
2602-0000240	MAINTENANCE OF FLOATING SILT CURTAIN	LF	DS
2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	STD
2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	STD
2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	STD
2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	LF	STD
2602-0000362	DITCH CHECK SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	STD
2602-0000370	DITCH CHECK SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	STD
2602-0000400	TEMPORARY INTAKE OR MANHOLE COVER ASSEMBLY	EACH	PLAN
2602-0000410	MAINTENANCE OF TEMPORARY INTAKE OR MANHOLE COVER ASSEMBLY	EACH	PLAN
2602-0000420	REMOVAL OF TEMPORARY INTAKE OR MANHOLE COVER ASSEMBLY	EACH	PLAN
2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602	LF	STD5
2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	STD5
2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EACH	STD5
2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG, EC-604	EACH	SRP
2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	PLAN
2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	PLAN
2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	STD
2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EACH	STD
2610-0000110	SHRUBS	EACH	STD
2610-0000120	TREES	EACH	STD
2610-0000130	VINES	EACH	STD
2610-0000140	SHRUB, TRANSPLANTING	EACH	PLAN
2610-0000150	TREE, TRANSPLANTING	EACH	PLAN
2610-0000180	FLOWERS, AS PER PLAN	LS	PLAN
2610-0000200	MULCH	CY	STD
2610-0000212	MULCH, SHREDDED BARK	CY	STD
2610-0000214	MULCH, WOOD CHIPS	CY	STD
2610-0000300	FERTILIZER	LB	STD
2610-0000400	WATERING FOR PLANTS	MGAL	STD
2610-0000600	TILLAGE	LS	STD
2610-0000700	TREE SHELTERS	EACH	PLAN

BID ITEM LIST (english)

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ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
2611-0000100	SHRUBS, FURNISHED AND INSTALLED (WITH WARRANTY)	EACH	STD
2611-0000200	TREES, FURNISHED AND INSTALLED (WITH WARRANTY)	EACH	STD
2612-0000100	ROADSIDE MOWING	ACRE	STD
2612-0000500	ROADSIDE SPRAYING	ACRE	PLAN
2612-0000520	ROADSIDE SPRAY FOR WEED CONTROL	ACRE	PLAN
6000-0000100	ENGINEERING BY CONSULTANT	LS	
6000-2528010	RAILROAD FLAGGERS	DAY	SP
6100-1105021	{EXTRA WORK} RESTORATION OF TEMPORARY PRIMARY HAUL ROAD	EACH	STD
6100-1105031	{EXTRA WORK} VALUE ENGINEERING INCENTIVE PROPOSALS	EACH	STD
6100-1107010	{EXTRA WORK} WATER FOR DUST CONTROL (PRE-ESTABLISHED PRICE)	MGAL	STD
6100-1109010	{EXTRA WORK} UNINCORPORATED MATERIALS	LS	STD
6100-1109050	{EXTRA WORK} FORCE ACCOUNT	EACH	STD
6100-2101010	{EXTRA WORK} CLEARING AND GRUBBING	EACH	
6100-2102020	{EXTRA WORK} WATER FOR EMBANKMENT CONSTRUCTION	MGAL	STD
6100-2102030	{EXTRA WORK} DRYING OF EXCAVATED MATERIAL IN EXCESS OF REQUIREMENTS FOR TYPE B COMPACTION	CY	STD
6100-2102041	{EXTRA WORK} PRESERVATION OF ARCHAEOLOGICAL SALVAGE	EACH	STD
6100-2108010	{EXTRA WORK} COMPACTING EXCAVATED MATERIAL IN EXCESS OF REQUIREMENTS FOR TYPE B COMPACTION	CY	STD
6100-2109010	{EXTRA WORK} CORRECTION OF SUBGRADE	CY	STD
6100-2300010	{EXTRA WORK} SURFACE CORRECTION FOR PAVEMENT SMOOTHNESS	EACH	
6100-2301010	{EXTRA WORK} PORTLAND CEMENT CONCRETE PAVEMENT COLD WEATHER PROTECTION (PRE- ESTABLISHED PRICE)	SY	STD
6100-2303011	{EXTRA WORK} HMA MIXTURES INCORPORATED WITH ANTI-STRIP AGENT (PRE-ESTABLISHED PRICE)	TON	STD
6100-2303012	{EXTRA WORK} COLD WEATHER PAVING (PRE-ESTABLISHED PRICE)	TON	STD
6100-2307010	{EXTRA WORK} ADDITIONAL ROLLING OF BITUMINOUS SEAL COAT	SY	STD
6100-2402010	{EXTRA WORK} EXTRA DEPTH EXCVATION FOR STRUCTURES OTHER THAN CULVERTS (BY SCHEDULE)	CY	STD
6100-2402021	{EXTRA WORK} REMOVAL AND RECONSTRUCTION OF COFFERDAMS	EACH	STD
6100-2403010	{EXTRA WORK} HEATING OF STRUCTURAL CONCRETE (MAXIMUM DOLLAR LIMIT PER CY)	CY	STD
6100-2403020	{EXTRA WORK} PROTECTION OF STRUCTURAL CONCRETE (PRE-ESTABLISHED PRICE)	CY	STD
6100-2413020	{EXTRA WORK} MATERIALS FOR IMPROVED PROFILE OF BRIDGE FLOOR OVERLAY	CY	STD
6100-2500010	{EXTRA WORK} REMOVAL, MISCELLANEOUS	EACH	
6100-2501010	{EXTRA WORK} SPLICE STEEL H-PILES (PRE-ESTABLISHED PRICE)	EACH	STD
6100-2501020	{EXTRA WORK} SPLICE WOOD PILES	EACH	STD
6100-2501080	{EXTRA WORK} PILE POINTS	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
6100-2501110	{EXTRA WORK} PREBORED HOLES	LF	STD
6100-2501140	{EXTRA WORK} JETTING	LS	STD
6100-2501150	{EXTRA WORK} DRIVE EXTENSIONS OR EXTRA PILE FURNISHED BY THE CONTRACTING AUTHORITY	LF	STD
6100-2501160	{EXTRA WORK} UNUSED PILE PURCHASD BY THE CONTACTING AUTHORITY (PRE-ESTABLISHED PRICE)	LF	STD
6100-2503010	{EXTRA WORK} OVERDEPTH EXCAVATION FOR SUBDRAINS OR SEWERS (BY SCHEDULE)	LF	STD
6100-2503030	{EXTRA WORK} UNEXPECTED SOLID ROCK EXCAVATION FOR SEWERS (BY SCHEDULE)	LF	STD
6100-2503041	{EXTRA WORK} INTAKES AND UTILITY ACCESSES WHERE FLOW LINE IS LOWERED	EACH	STD
6100-2503050	{EXTRA WORK} TYPE C-1 CONNECTION	EACH	STD
6100-2505010	{EXTRA WORK} UNEXPECTED ROCK EXCAVATION FOR GUARDRAIL, OR LIGHTING, OR SIGNING INSTALLATIONS	CY	STD
6100-2505020	{EXTRA WORK} GUARDRAIL, MISCELLANEOUS PARTS OR REPAIR	EACH	
6100-2510010	{EXTRA WORK} REMOVAL OF ANCHOR LUGS PER LANE (PRE-ESTABLISHED PRICE)	EACH	STD
6100-2519010	{EXTRA WORK} ELECTRICAL GROUNDS FOR FENCING	EACH	STD
6100-2521011	{EXTRA WORK} CERTIFIED PLANT INSPECTION	EACH	STD
6100-2528021	{EXTRA WORK} WASHING OF TRAFFIC CONTROL DEVICES	EACH	STD
6100-2528030	{EXTRA WORK} TRAFFIC CONTROL	DAY	
6100-2528035	{EXTRA WORK} TRAFFIC CONTROL	EACH	
6100-2529011	{EXTRA WORK} INCREASED DEPTH OF SUBBASE FOR FULL DEPTH PATCHES (PRE-ESTABLISHED PRICE)	SY	STD
6100-2529021	{EXTRA WORK} ADDITIONAL COST FOR P.C.C. PATCH CONSTRUCTED AS A COMPOSITE SECTION	SY	STD
6100-2529040	{EXTRA WORK} ADDITIONAL COST FOR INCREASED P.C.C. PATCH THICKNESS	SY	STD
6100-2533010	{EXTRA WORK} MOBILIZATION, ADDITIONAL	EACH	
6100-2601010	{EXTRA WORK} STAKING OF SODDED FLUMES, OR SLOPES, OR DITCH CHANNELS (PRE-ESTABLISHED PRICE)	SQ	STD
6100-2601030	{EXTRA WORK} DEBRIS PICKED-UP AND DISPOSED OF IN CONJUNCTION WITH EROSION CONTROL WORK (PRE-ESTABLISHED PRICE)	CY	STD
6100-2601050	{EXTRA WORK} EXTRA LENGTH STAKES OR STAPLES	SQ	STD
6100-2602021	{EXTRA WORK} SUBSTITUTION OF PLANT OR PLANTING MATERIAL	EACH	STD
6200-1105010	{PRICE ADJUSTMENT} EQUIPMENT CROSSING (PRE-ESTABLISHED PRICE)	EACH	STD
6200-1108010	{PRICE ADJUSTMENT} LIQUIDATED DAMAGES (PRE-ESTABLISHED DAMAGES PER DAY PER AMOUNT SHOWN ON CONTRACT)	DAY	STD
6200-2301050	{PRICE ADJUSTMENT} QM-C PCC PAVEMENT, FAILURE TO PROVIDE OPTIMIZED GRADATION (BY SCHEDULE)	SY	DS
6200-2301051	{PRICE ADJUSTMENT} QM-C PCC PAVEMENT, FAILURE TO PROVIDE OPTIMIZED GRADATION (BY SCHEDULE)	EACH	DS
6200-2303011	{PRICE ADJUSTMENT} HOT MIX ASPHALT PAVEMENT QUALITY INDEX FOR DEFICIENT DENSITY (BY SCHEDULE)	TON	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
6200-2303021	{PRICE ADJUSTMENT} HOT MIX ASPHALT PAVEMENT QUALITY INDEX FOR DEFICIENT DENSITY (BY SCHEDULE)	SY	STD
6200-2303031	{PRICE ADJUSTMENT} HOT MIX ASPHALT PAVEMENT QUALITY INDEX FOR DEFICIENT THICKNESS (BY SCHEDULE)	SY	STD
6200-2303040	{PRICE ADJUSTMENT} NONCOMPLYING FILM THICKNESS OF HMA (FORMULA - CONSTRUCTION MANUAL APPENDIX 2-34(M))	EACH	STD
6200-2303060	PAY ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE LONGITUDINAL JOINT DENSITY (FORMULA - BY PAY FACTOR)	EACH	DS
6200-2316010	{PRICE ADJUSTMENT} DISINCENTIVE FOR BUMPS AND DIPS NOT CORRECTED IN EACH PAVEMENT LANE (PRE-ESTABLISHED PRICE)	EACH	STD
6200-2505011	{PRICE ADJUSTMENT} GUARDRAIL, INCOMPLETE INSTALLATION WHEN ROADWAY IS OPEN TO TRAFFIC (PRE-ESTABLISHED PRICE)	DAY	STD
6200-2601011	{PRICE ADJUSTMENT} MOWING, FAILURE TO COMPLETE WORK IN ALLOTTED TIME (PRE-ESTABLISHED PRICE)	DAY	DS
6200-2601021	{PRICE ADJUSTMENT} WATERING, FAILURE TO COMPLETE WORK IN ALLOTTED TIME (PRE-ESTABLISHED PRICE)	CDAY	DS
6200-2601030	{PRICE ADJUSTMENT} MOBILIZATION, EROSION CONTROL, FAILURE TO MOBILIZE (PRE-ESTABLISHED PRICE)	CDAY	STD
6200-2601031	{PRICE ADJUSTMENT} MOBILIZATION, EMERGENCY EROSION CONTROL, FAILURE TO MOBILIZE (PRE-ESTABLISHED PRICE)	CDAY	STD
6200-2602010	{PRICE ADJUSTMENT} FAILURE TO PROVIDE EROSION CONTROL OR EROSION AND SEDIMENT CONTROL BASICS CERTIFIED INDIVIDUAL FOR PROJECT	EACH	STD
6200-5000011	{PRICE ADJUSTMENT} AGGREGATE GRADATION TEST DEVIATION (PRE-ESTABLISHED RATE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000021	{PRICE ADJUSTMENT} SLUMP TEST DEVIATION (PRE-ESTABLISHED RATE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000031	{PRICE ADJUSTMENT} AIR CONTENT TEST DEVIATION (PRE-ESTABLISHED RATE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000041	{PRICE ADJUSTMENT} RAIN DAMAGED PORTLAND CEMENT CONCRETE PAVEMENT (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000051	{PRICE ADJUSTMENT} L JOINT TIE STEEL DEFICIENCIES (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000061	{PRICE ADJUSTMENT} DENSITY TEST DEVIATION FOR PORTLAND CEMENT CONCRETE PAV'T (BY GUIDE SCHEDULE-CONST MANUAL 2.53)	EACH	STD
6200-5000071	{PRICE ADJUSTMENT} PORTLAND CEMENT CONCRETE PAV'T TRANSVERSE GROOVE DEVIATION (BY GUIDE SCHEDULE - CONSTR MANUAL 2.53)	EACH	STD
6200-5000081	{PRICE ADJUSTMENT} NON-COMPLYING TRAFFIC CONTROL (SLIDING SCALE SUGGESTED - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000092	{PRICE ADJUSTMENT}NON-COMPLYING VISCOSITY OF LIQUID ASPHALT BINDER (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000102	{PRICE ADJUSTMENT} NON-COMPLYING PENETRATION OF LIQUID ASPHALT BINDER (GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD

BID ITEM LIST (english)

ITEM CODE	ITEM DESCRIPTION	UNITS	SPEC
6200-5000111	{PRICE ADJUSTMENT} NON-COMPLYING EMULSION RESIDUE (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000122	{PRICE ADJUSTMENT}NON-COMPLYING VISCOSITY OF ASPHALT BINDER (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000132	{PRICE ADJUSTMENT} ASPHALT BINDER CONTENT DEVIATION (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000142	{PRICE ADJUSTMENT} SEGREGATION IN HOT MIX ASPHALT MIX (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000152	{PRICE ADJUSTMENT} NON-COMPLYING FILLER/BITUMEN RATIO FOR HMA MIX (BY GUIDE SCHEDULE - CONSTRUCTION MANUAL 2.53)	EACH	STD
6200-5000161	{PRICE ADJUSTMENT} COST FOR CHANGE IN PILE FURNISHED (CONSTRUCTION MANUAL 2.54)	EACH	STD
6200-5000171	{PRICE ADJUSTMENT} NET FUEL ADJUSTMENT (COMPUTED EACH MONTH BY USING THE 'FUEL ADJUSTMENT PRICE INDEX')	EACH	STD
6200-5000180	{PRICE ADJUSTMENT} RAILROAD SAFETY VIOLATION (PRE-ESTABLISHED RATE - CONSTRUCTION MANUAL 2.53)	EACH	DS
6200-7000012	{PRICE ADJUSTMENT} FAILURE TO MEET DBE COMMITMENT (DIFF BETWEEN ACTUAL DBE \$ PAID & CONTRACTOR'S DBE COMMITMENT)	EACH	STD
6200-7000021	{PRICE ADJUSTMENT}INCENTIVE FOR CLOSURE DAYS REMAINING AFTER COMPLETION OF CRITICAL CLOSURE ACTIVITY (PREDETERM'D PRICE)	EACH	STD
6200-7000023	{PRICE ADJUSTMENT} DISINCENTIVE FOR CLOSURE DAYS USED IN EXCESS OF DAYS SPECIFIED FOR CRITICAL CLOSURE ACTIVITY	EACH	STD
6200-7000051	{PRICE ADJUSTMENT} INCENTIVE FOR SMOOTHNESS OF NEW BRIDGE DECK (BY SCHEDULE)	EACH	STD
6200-7000061	{PRICE ADJUSTMENT} INCENTIVE FOR SMOOTHNESS OF BRIDGE DECK OVERLAY (BY SCHEDULE)	EACH	STD
6200-7000071	{PRICE ADJUSTMENT} PRICE REDUCTION ASSESSMENT FOR SMOOTHNESS OF NEW BRIDGE DECK (BY SCHEDULE)	EACH	STD
6200-7000081	{PRICE ADJUSTMENT} PRICE REDUCTION ASSESSMENT FOR SMOOTHNESS OF BRIDGE DECK OVERLAY (BY SCHEDULE)	EACH	STD