K&E BALTIMORE 19 1153 HERCULENE MC 7999

FHWA REGION	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.	IX 3057(2)	14.1	14.2 196

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
1001	Engineer's Facilities	LUMP SUM		LUMP SUM
1002	Maintenance of Traffic	LUMP SUM		LUMP SUM
1003	Graded Aggregate for Subbase for Maintenance of Traffic	6100 Tons		6100 Tons
1004	Bituminous Concrete for Maintenance of Traffic	3750 Tons		3750 Tons
1005	Arrow Board	7,200 U.D.		7,200 U.D.
1006	Temporary Traffic Signs	1200 S.F.		1200 S.F.
1007	Temporary Pavement Striping Tape	51,800 L.F.		51,800 L.F.
1008	Removal of Temporary Pavement Striping Tape	51,800 L.F.		51,800 L.F.
1009	Temporary Concrete Barrier for Maintenance of Traffic	1800 L.F.		1800 L.F.
1010	Reset Tempoary Concrete Barrier	14,000 L.F.		14,000 L.F.
1011	Plastic Traffic Drums	300 Each		300 Each
1012	Wooden Barricade	100 EA.		100 EA.
1013	Reset Wooden Barricade	875 EA.		875 EA.
1014	Type III Barricade	1000 L.F.		1000 L.F.
1015	Reset Type III Barricade	7000 L.F.		7000 L.F.
1016	Removal of Existing Pavement Markings	33,000 L.F.		33,000 L.F.
1017	Construction Stakeout	LUMP SUM		LUMP SUM
1018	Mobilization	LUMP SUM		LUMP SUM
1019	On-the-Job Training	5,000 Hrs.		5,000 Hrs.
1020	Removal of Existing Traffic Signs and Deliver to Yard	LUMP SUM		LUMP SUM
1021	Removal of Existing Trees and Grates	25 Each		25 Each
2001	Class I Excavation	20,189 C.Y.		20,200 C.Y.
2002	Class I-A Excavation	5,000 C.Y.		5,000 C.Y.
2003	Special Excavation Railway Area	5,181 C.Y.		5,185 C.Y.
2005	Contingent Borrow Excavation Type III		5,500 C.Y.	5,500 C.Y.
2006	Borrow Excavation Type III	2550 C.Y.		2550 C.Y.
2007	Test Pit Excavation	50 C.Y.		50 C.Y.
2008	Removal of Existing Curb	200 L.F.		200 L.F.
2009	Removal of Existing Sidewalk -	50 S.Y.		50 S.Y.
2010	Stripping Bituminous Surfacing	115 S.Y.		115 S.Y.
2011	Inlet Protection Using AASHTO #57 Stone	85 Each		85 Each
2012	Concrete Saw Cutting, 2-inch Depth	1,084 L.F.		1,084 L.F.
2013	Stabilized Construction Entrance	3,220 S.Y.		3,220 S.Y.
2014	Silt Fence	7,490 L.F.		7,490 L.F.
2015	Sand Bags for Sediment Control	2,940 Each		2,940 Each
2016	Portable Sediment Tank	2 Each		2 Each
2017	Sump Pit	20 Each		20 Each

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
3001	Class 3 Excavation for Incidental Construction	25 C.Y.		25 C.Y.
3002	Contingent Selected Backfill Using AASHTO #57 Stone or Gravel		60 C.Y.	60 C.Y.
3003	Contingent Selected Backfill Using Graded Aggregate Subbase		25 C.Y.	25 C.Y.
3004	Removal of Old Pipe Culverts - Any Size	50 L.F.		50 L.F.
3005	18-Inch R.C.C. Pipe Class 5	70 L.F.		70 L.F.
3006	18-Inch R.C.C. Pipe Inlet Connection, Class 5	577 L.F.		580 L.F.
3007	15-Inch R.C.C. Pipe Inlet Connection, Class 5	249 L.F.		250 L.F.
3008	15-Inch X 42-Inch Pipe Connection Brick "Y"	4 Each		4 Each
3009	Duplex Type E Inlet - Minimum Depth	1 Each		1 Each
3010	Duplex Type E Inlet - Vertical Depth	3 L.F.		3 L.F.
3011	Type E Inlet - Minimum Depth	16 Each		16 Each
3012	Type E Inlet - Vertical Depth	26 L.F.		26 L.F.
3013	Type E Combination Inlet - Minimum Depth	7 Each		7 Each
3014	Type E Combination Inlet - Vertical Depth	9 L.F.		9 L.F.
3015	Standard Type H Inlet - Minimum Depth	18 Each		18 Each
3016	Standard Type H Inlet - Vertical Depth	33 L.F.		33 L.F.
3017	Standard Type H Combination Inlet - Minimum Depth	2 Each		2 Each
3018	Standard Type H Combination Inlet - Vertical Depth	1 L.F.		1 L.F.
3019	Extend Existing Box Inlet Connections - Any Size	14 C.Y.		14 C.Y.
3020	Standard Type S Inlet, Single Grate - Minimum Depth	5 Each		5 Each
3021	Standard Type S Inlet, Single Grate - Vertical Depth	5 L.F.		5 L.F.
3022	Std. Type S Inlet, Double Grate, Tandem - Min. Depth	1 Each		1 Each
3023	Std. Type S Inlet, Double Grate, Tandem - Vert. Depth	3 L.F.		3 L.F.
3024	Adjust Existing Inlet and Replace Head	32 Each		32 Each
3025	Standard Storm Water Manhole, 30-In. Cover - Min Depth	3 Each		3 Each
3026	Standard Storm Water Manhole, 30-In. Cover - Vertical Depth	2 L.F.		2 L.F.
3027	Standard Shallow Manhole	3 Each		3 Each
3028	6-In. Perforated Circular Pipe Underdrain	1,000 L.F.		1,000 L.F.
3029	6-In. Circular Pipe Underdrain Outlets	50 L.F.		50 L.F.
3030	Aggregate Backfill for Underdrains	20 C.Y.		20 C.Y.
3031	Replace Existing Storm Manhole Frame and Cover	2 Each		2 Each
3032	Remove Old Inlet or Manhole - Any Size	26 Each		26 Each
3033	Contingent Mix No. 3 Concrete for Miscellaneous Structures		5 C.Y.	5 C.Y.
3034	Contingent Mix No. 1 Concrete for Miscellaneous Structures		5 C.Y.	5 C.Y.
3035	Contingent Ordinary Brick Masonry for Miscellaneous Structures		5 C.Y.	5 C.Y.
3036	Contingent Sewer Brick Masonry		2 C.Y.	2 C.Y.
3037	Contingent Utility Trench Underdrain		100 L.F.	100 L.F.
3038	Contingent Clear Water Drains - VCPX 4-In. Thru 12-In. Dia.		50 L.F.	50 L.F.
3039	Contingent Clear Water Drains - Ductile Iron 4-In. Thru 12-In. Diameter		50 L.F.	50 L.F.
3040	Cast Iron Test Tee with Clean-Out Adaptor and Plug	55 Each		55 Each
3041	4-In. P.V.C. Drain - Under Sidewalks	759 L.F.		760 L.F.
3042	4-In. P.V.C. Drain - Under Driveways	248 L.F.		250 L.F.
3043	Areaway Scuppers	3 Each		3 Each
3044	P.V.C. Sump Pump Drains - Any Size	100 L.F.		100 L.F.

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	CONTINGENT QUANTITY	PROPOSAL QUANTITY
4001	Removal Portions of Existing Structures - Fleet St. Bridge	LUMP SUM		LUMP SUM
4002	Removal Portions of Existing Structures - Aliceanna St. Bridge	LUMP SUM		LUMP SUM
4003	Class 3 Excavation for Bridges - Fleet Street Bridge	40 C.Y.		40 C.Y.
4004	Footing Concrete for Fleet Street Bridge	20 C.Y.		20 C.Y.
4005	Footing Concrete for Aliceanna Street Bridge	40 C.Y.		40 C.Y.
4006	Substructure Concrete for Fleet Street Bridge	LUMP SUM		LUMP SUM
4007	Substructure Concrete for Aliceanna Street Bridge	LUMP SUM		LUMP SUM
4008	Superstructure Concrete for Fleet Street Bridge	LUMP SUM		LUMP SUM
4009	Superstructure Concrete for Aliceanna Street Bridge	LUMP SUM		LUMP SUM
4010	Contingent Substructure Concrete for Bridges - Fleet St. Bridge		5 C.Y.	5 C.Y.
4011	Contingent Superstructure Concrete for Bridges - Precast Units-Fleet St.		2 C.Y.	2 C.Y.
4012	Contingent Superstructure Concrete for Bridges - Mix No. 6-Fleet St.		1 C.Y.	1 C.Y.
4013	Wearing Surface Concrete for Fleet Street Bridge	60 C.Y.		60 C.Y.
4014	Wearing Surface Concrete for Aliceanna Street Bridge	30 C.Y.		30 C.Y.
4015	Epoxy Coated Reinforcing Steel in Culvert - Sta. 11+74.5 to 31+43.6	LUMP SUM		LUMP SUM
4016	Contingent Epoxy Coated Reinforcing Steel - Culvert		8,000 Lbs.	8,000 Lbs.
4017	Removal of Existing Culvert Arch - Sta. 11+74.5 to 31+43.6	LUMP SUM		LUMP SUM
4018	Removal of Existing Culvert Arch - Sta. 41+57 to 42+00	LUMP SUM		LUMP SUM
4019	Contingent Removal of Existing Culvert Arch		300 C.Y.	300 C.Y.
4020	Class 3 Excavation Culvert Replacement - Sta. 11+74.5 to 31+43.6	1,836 C.Y.		1,840 C.Y.
4021	Class 3 Excavation Culvert Replacement - Sta. 41+57 to 42+00	60 C.Y.		60 .C.Y.
4022	Class 3 Excavation Liner Plate Footings	450 C.Y.		450 C.Y.
4023	Bulkheads	14 Each		14 Each
4024	Temporary Shoring Structures for Liner Plate Footing Construction	1,512 L.F.		1,515 L.F.
4025	Footing Concrete for Culvert Liner Plate	650 C.Y.		650 C.Y.
4026	Substructure Concrete for Culvert	2747 C.Y.		2747 C.Y.
4027	Superstructure Concrete for Culvert	LUMP SUM		LUMP SUM
4028	Contingent Concrete for Superstructure Portion of Culvert		30 C.Y.	30 C.Y.
4029	Concrete Culvert Replacement - Sta. 41+57 to 42+00	LUMP SUM		LUMP SUM
4030	Contingent Concrete Culvert Replacement - Sta. 41+57 to 42+00		10 C.Y.	10 C.Y.
4031	Structural Steel Liner Plate	313,000 Lbs.		313,400 Lbs.
4032	Liner Plate Transition Bulkhead	4 Each		4 Each
4033	Liner Plate End Bulkhead	3 Each		3 Each
4034	Steel Liner Plate Drainage Inlet - 12 In. or Less	24 Each		24 Each
4035	Steel Liner Plate Drainage Inlet - Greater than 12 In.	48 Each		48 Each
4036	Liner Plate Manhole	4 Each		4 Each
4037	Removal of Existing Wearing Surface from Bridge	274 S.Y.		275 S.Y.
4038	Subfoundation Concrete	50 C.Y.		50 C.Y.
4039	Floodlighting	54 N.U.		55 N.U.
4040	Class 3 Excavation for Bridges - Aliceanna Street Bridge	77 C.Y.		80 C.Y.
4041	Contingent Substructure Concrete for Bridges - Aliceanna Street Bridge		5 C.Y.	5 C.Y.
4042	Contingent Superstructure Concrete for Bridges - Precast Units - Aliceanna Street Bridge		1 C.Y.	1 C.Y.
4043	Contingent Superstructure Concrete for Bridges - Mix No. 6 Aliceanna Street Bridge		1 C.Y.	1 C.Y.
4044	Contingent Epoxy Coated Reinforcing Steel - Fleet Street Bridge		1,000 Lbs.	1,000 Lbs.
4045	Contingent Epoxy Coated Reinforcing Steel - Aliceanna Street Bridge		1,000 Lbs.	1,000 Lbs.
4046	Sheeting for Culvert Replacement	20,500 S.F.		20,500 S.F.
4047	Armored Roadway Joints for Fleet Street Bridge	115 L.F.		115 L.F.
4048	Drilled Holes - Fleet Street Bridge	78 L.F.		80 L.F.
4049	Drilled Holes - Aliceanna Street Bridge	107 L.F.		110 L.F.
4050	Epoxy Protective Coatings on Abutments - Fleet Street Bridge	35 S.Y.		35 S.Y.
4051	Epoxy Protective Coatings on Abutments - Aliceanna Street Bridge	52 S.Y.		55 S.Y.
4052	Relocation of "Corned Beef Row" Sign Structure	L.S.		L.S.
4053	Bags of cement used for Pneumatically applied morter	30 Each		30 Each
4054	Armored Roadway Joints for Aliceanna St. Bridge	180 L.F.		180 L.F.
4055	Contingent Removal Portions of Existing Structures - Fleet Street Bridge		2 C.Y.	2 C.Y.
4056	Contingent Removal Portions of Existing Structures - Aliceanna Street Bridge		2 C.Y.	2 C.Y.

REVISIONS

CONSULTANT

Purdum & Jeschke
Civil Engineers
1029 N. Calvert Street
Baltimore, Md. 21202

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
&
STATE HIGHWAY ADMINISTRATION OF MARYLAND
INTERSTATE DIVISION FOR BALTIMORE CITY

RECONSTRUCTION OF CENTRAL AVENUE

SUMMARY OF QUANTITIES

SCALE: As Shown DATE: 12/23/85

DRAWN BY
TRACED BY
DES. BY
CHK. BY

F.A.P. NO. IX 3057(2)
S.H.A. NO. BC 311-107-815
BALTO. CITY NO. 3052

SHEET NO. 14.1 OF 14.2 196

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