

1ST & 2ND STREET EAST DRAINAGE OUTFALL PROJECT
Project # 468-84060

DOUGLAS WATER MAIN REPLACEMENT
Wabash to Wichita Drainage Canal
Project # 448-90289

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
DRAINAGE IMPROVEMENTS BID ITEMS		
FIELD OFFICE & LAB	1	Each
R/W CLEARING & SITE PREPARATION	1	Lump Sum
SITE RESTORATION	1	Lump Sum
PERMANENT SEEDING	500	Sq. Yds.
SODDING	1,175	Sq. Yds.
COMMUNITY RELATIONS SUPPORT	1	Lump Sum
PROJECT EROSION CONTROL	1	Lump Sum
REMOVAL OF EXISTING STRUCTURES (Includes Pipes, Manholes, etc.)	1	Lump Sum
8' X 4' REINFORCED CONCRETE BOX CULVERT (Precast)	1,196	Ft.
8' X 3' REINFORCED CONCRETE BOX CULVERT (Precast)	2,406	Ft.
6' X 4' REINFORCED CONCRETE BOX CULVERT (Precast)	624	Ft.
4' X 4' REINFORCED CONCRETE BOX CULVERT (Precast)	1,046	Ft.
48" RCP	63	Ft.
30" RCP	57	Ft.
24" RCP	116	Ft.
18" RCP	311	Ft.
15" RCP	747	Ft.
10" PVC PIPE	15	Ft.
SAND BACKFILL (Flushed & Vibrated)	6,380	Ft.
REINFORCED CONCRETE CONNECTION STRUCTURE	1	Each
REINFORCED CONCRETE TRANSITION STRUCTURE	1	Each
SWS OUTFALL AT CANAL	1	Each
TYPE I INLET (11' 4" x 4' 4")	18	Each
TYPE II INLET (Double)	5	Each
DRIVE INLET (Double)	4	Each
SHALLOW TYPE "P" MANHOLE (4' Dia.)	3	Each
SHALLOW TYPE "P" MANHOLE (5' Dia.)	3	Each
SHALLOW TYPE "P" MANHOLE (6' Dia.)	1	Each
REINFORCED CONCRETE MANHOLE (9' 4" x 7' 4")	1	Each
ACCESS MANHOLE (Includes Ring & Cover) (Precast)	31	Each
REINFORCED CONCRETE TRENCH DRAIN	3	Each
INLET REHABILITATION (Single)	22	Each
INLET REHABILITATION (Double)	6	Each
SANITARY SEWER RELOCATION BID ITEMS		
36" FIBERGLASS PIPE	45	Ft.
STANDARD TYPE "P" MANHOLE (6' Dia.) (Epoxy Coated)	1	Each
BYPASS PUMPING (For SS Relocation at Canal)	1	Lump Sum
WATER RELOCATION BID ITEMS		
WL PIPE 20"	67	Ft.
DICL PIPE 20"	21	Ft.
VALVE ASSY. 20"	1	Each
ADJUSTMENT OF WATER VALVES & METERS	1	Lump Sum
TRAFFIC BID ITEMS		
CONSTRUCTION TRAFFIC CONTROL	1	Ft.
PAVEMENT MARKINGS	1	Ft.
TRAFFIC SIGNAL INTERCONNECT	1	Lump Sum
1ST STREET NORTH & WASHINGTON SIGNAL RECONSTRUCTION	1	Lump Sum
DOUGLAS & HYDRAULIC SIGNAL RECONSTRUCTION	1	Lump Sum
MEASURED QUANTITY BID ITEM - EROSION CONTROL		
SILT FENCE (Sediment Barrier)	225	Ft.
DROP INLET BARRIER	4	Each
CURB INLET BARRIER	72	Each
EROSION CONTROL BLANKET (Behind Back of Curb)	1,925	Sq. Yds.
STABILIZED CONSTRUCTION ENTRANCE	2	Each
PAVEMENT REMOVAL/REPLACEMENT BID ITEMS		
CONCRETE PAVEMENT REMOVAL & REPLACEMENT (Includes Sub Base)	1,578	Sq. Yds.
ASPHALT PAVEMENT REMOVAL & REPLACEMENT (Includes Base & Sub Base)	10,652	Sq. Yds.
COMBINED CURB & GUTTER REMOVAL & REPLACEMENT	3,477	Ft.
MEASURED QUANTITY BID ITEMS		
CONCRETE SIDEWALK & DRIVE REMOVAL & REPLACEMENT	1,845	Sq. Yds.
ASPHALT PARKING LOT PAVEMENT REMOVAL & REPLACEMENT	196	Sq. Yds.
BRICK PAVEMENT STREET & WALK REMOVAL & REPLACEMENT	91	Sq. Yds.
ASPHALT PAVEMENT MILLING (2")	8,860	Sq. Yds.
A.C. PAVEMENT (2") (SC-1)	20,825	Sq. Yds.
WHEELCHAIR RAMP CONSTRUCTION	26	Each
PROTECTION CURB (6")	85	Ft.
FLOWABLE FILL	500	Cu. Yds.
HOT MIX TEMPORARY A.C. PAVEMENT (5")	1,800	Sq. Yds.

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
WATER MAIN REPLACEMENT BID ITEMS		
R/W CLEARING & SITE PREPARATION	1	Lump Sum
SITE RESTORATION	1	Lump Sum
CONSTRUCTION TRAFFIC CONTROL	1	Lump Sum
WL PIPE 2"	100	Ft.
WL PIPE 8"	3,975	Ft.
DICL PIPE 8"	107	Ft.
VALVE ASSY. 8"	3	Each
ANCHORED VALVE ASSY. 8"	14	Each
FIRE HYDRANT ASSY.	3	Each
FIRE HYDRANT RELOCATION	1	Each
TEMPORARY BLOWOFF ASSY. 2"	1	Each
CUSTOM SET & SERVICE (2")	1	Each
FIRE HYDRANT REMOVAL	3	Each
WATER SERVICE INSTALLATION (Long)	44	Each
WATER SERVICE INSTALLATION (Short)	18	Each
SAND BACKFILL (Flushed & Vibrated)	4,182	Ft.
SANITARY SEWER CONCRETE ENCASEMENT	100	Ft.
CONCRETE PAVEMENT REMOVAL & REPLACEMENT (Includes Sub Base)	50	S.Y.
ASPHALT PAVEMENT REMOVAL & REPLACEMENT (Includes Base & Sub Base)	1,321	S.Y.

WABASH SANITARY SEWER REPLACEMENT
1st Street North to Douglas
Project # 468-84352

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
SANITARY SEWER REPLACEMENT BID ITEMS		
15" PVC PIPE	21	Ft.
12" PVC PIPE	683	Ft.
8" PVC PIPE	222	Ft.
SHALLOW TYPE "P" MANHOLE	5	Each
SANITARY SEWER CONCRETE ENCASEMENT	60	Ft.
SAND BACKFILL (Flushed & Vibrated)	375	Ft.

REMOVAL OF EXISTING TREES			
RCBC STATION	STREET	SIDE	TREE SIZE
18+82	Wabash	Rt.	22" Tree
19+06	Wabash	Rt.	48" Clump
19+74	Wabash	Rt.	10" Tree
19+88	Wabash	Rt.	10" Tree
20+03	Wabash	Rt.	10" Tree
21+39	Wabash	Rt.	2" Tree
21+67	Wabash	Rt.	2" Tree
21+96	Wabash	Rt.	2" Tree
22+77	Wabash	Rt.	2" Tree
23+03	Wabash	Rt.	2" Tree
59+23	Douglas	Lt.	2" Tree
59+39	Douglas	Rt.	6" Pine

SEEDING/SODDING QUANTITIES		
PROCESS	AREA OF RESTORATION (Sq. Yds.)	REMARKS
Seeding	500	Non-Lawn/Turf Areas
Sodding	1,175	Lawn/Turf Areas

REMOVAL OF EXISTING STRUCTURES				
SWS STATION	ROADWAY	SIDE	ITEM	REMARKS
Sta 1+53, Line 1	1st Street North	--	SWS Manhole	
Sta 0+00, Line 1a	1st Street North	--	SWS Curb Inlet	
Sta 0+36, Line 1a	1st Street North	--	SWS Manhole	
Sta 0+81, Line 1a	1st Street North	3' Rt	SWS Manhole	
Sta 0+00, Line 1b	1st Street North	--	SWS Curb Inlet	
Sta 0+00, Line 1c	Mead	--	SWS Drop Inlet	
Sta 0+61, Line 1c	Mead	--	SWS Drop Inlet	
Sta 2+06, Line 1	1st Street North	15' Rt.	SWS Manhole	Abandon*
Sta 0+00, Line 1d	Rock Island	--	SWS Drop Inlet	
Sta 3+76, Line 1	1st Street North	15' Rt	SWS Manhole	
Sta 5+03, Line 1	1st Street North	13' Lt	SWS Curb Inlet	
Sta 5+11, Line 1	1st Street North	34' Rt	SWS Drop Inlet	
Sta 5+23, Line 1	1st Street North	15' Rt	SWS Manhole	Abandon*
Sta 5+52, Line 1	1st Street North	14' Rt.	SWS Manhole	Abandon*
Sta 5+91, Line 1	1st Street North	14' Rt	SWS Manhole	Abandon*
Sta 5+93, Line 1	1st Street North	32' Rt.	SWS Drop Inlet	
Sta 5+93, Line 1	1st Street North	15' Lt.	SWS Curb Inlet	
Sta 7+25, Line 1	1st Street North	13' Rt.	SWS Manhole	Abandon*
Sta 8+53, Line 1	1st Street North	32' Rt.	SWS Drop Inlet	
Sta 8+70, Line 1	1st Street North	17' Rt	SWS Manhole	
Sta 8+71, Line 1	1st Street North	15' Lt.	SWS Manhole	
Sta 9+04, Line 1	1st Street North	32' Rt.	SWS Drop Inlet	
Sta 9+21, Line 1	1st Street North	27' Rt	SWS Manhole	
Sta 11+74, Line 1	1st Street North	7' Rt	SWS Manhole	
Sta 17+98, Line 2	Wabash Ave	5' Rt	SWS Curb Inlet	
Sta 17+98, Line 2	Wabash Ave	23' Lt	SWS Curb Inlet	
Sta 18+32, Line 2	Wabash Ave	46' Rt	San. Sewer Manhole	
Sta 18+32, Line 2	Wabash Ave	54' Lt	San. Sewer Manhole	
Sta 18+71, Line 2	Wabash Ave	17' Rt	Traffic Manhole	
Sta 18+76, Line 2	Wabash Ave	8' Rt	SWS Curb Inlet	
Sta 18+76, Line 2	Wabash Ave	24' Lt	SWS Curb Inlet	
Sta 18+78, Line 2	Wabash Ave	4' Lt	San. Sewer Manhole	
Sta 19+61, Line 2	Wabash Ave	13' Rt	Traffic Manhole	
Sta 21+19, Line 2	Wabash Ave	13' Rt	Traffic Manhole	
Sta 21+67, Line 2	Wabash Ave	4' Lt	San. Sewer Manhole	
Sta 22+57, Line 2	Wabash Ave	15' Rt	Traffic Manhole	
Sta 23+33, Line 2	Wabash Ave	4' Lt	San. Sewer Manhole	
Sta 23+74, Line 2	Wabash Ave	15' Rt	Traffic Manhole	
Sta 24+56, Line 2	Wabash Ave	28' Lt	SWS Curb Inlet	
Sta 24+58, Line 2	Wabash Ave	7' Rt	SWS Curb Inlet	
Sta 24+87, Line 2	Wabash Ave	15' Rt	Traffic Manhole	
Sta 24+88, Line 2	Wabash Ave	36' Rt	SWS Curb Inlet	
Sta 24+91, Line 2	Wabash Ave	9' Rt	SWS Drop Inlet	
Sta 25+11, Line 2	Wabash Ave	5' Lt	San. Sewer Manhole	
Sta 34+68, Line 2	Douglas Ave	14' Rt	SWS Drop Inlet	
Sta 35+17, Line 2	Douglas Ave	16' Rt	SWS Curb Inlet	
Sta 44+60, Line 2	Douglas Ave	16' Rt	SWS Curb Inlet	
Sta 45+25, Line 2	Douglas Ave	1' Lt	SWS Manhole	
Sta 48+17, Line 2	Douglas Ave	17' Rt	SWS Curb Inlet	
Sta 48+37, Line 2	Douglas Ave	21' Rt	SWS Manhole/Inset	
Sta 48+73, Line 2	Douglas Ave	14' Lt	SWS Manhole	Abandon*
Sta 48+89, Line 2	Douglas Ave	60' Lt	SWS Manhole	Abandon*
Sta 49+10, Line 2	Douglas Ave	8' Rt	SWS Drop Inlet	
Sta 49+83, Line 2	Douglas Ave	7' Rt	SWS Drop Inlet	
Sta 58+41, Line 2	Douglas Ave	10' Rt	SWS Curb Inlet	
Sta 60+42, Line 2	Douglas Ave	6' Rt	San. Sewer Manhole	
Sta 60+44, Line 2	Douglas Ave	12' Lt	SWS Manhole	
Sta 60+82, Line 2	Douglas Ave	16' Lt	SWS End Section	

* - Manholes and pipes to be abandoned shall be abandoned per City of Wichita Specifications.

FOR INFORMATION ONLY. Cost to be INCIDENTAL to the bid item "Removal of Existing Structures"

Drawing File: E:\eng\Old Town Drainage\Recap.dwg

Design: TPV
Drawn: TPV
Approved: TPV
None

Project No. 05-05-E258

CITY OF WICHITA, KANSAS

QUANTITY RECAPITULATIONS

DOUGLAS AVENUE DRAINAGE OUTFALL PROJECT



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ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

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SHEET 71 OF 87