

STANDARD LEGEND

NOTE: ALL SYMBOLS MAY NOT BE USED.

ITEM	DESCRIPTION	EXISTING	PROPOSED	ITEM	DESCRIPTION	EXISTING	PROPOSED
UTILITIES	SANITARY SEWER	S	S	SURVEY	CROWS FEET		
	STORM SEWER	SO	SO		MONUMENT		
	CABLE TELEVISION	C	C		D.H. - DRILL HOLE		
	WATER MAIN	W	W		P.K. - PK NAIL		
	GAS MAIN	G	G		I.P. - IRON PIN		
	TELEPHONE CONDUIT	T	T		STAKE		
	ELECTRIC CONDUIT	E	E		BASELINES		
	FORCE MAIN	FM	FM		TWP., CITY, COUNTY LINE		
	FIBER OPTIC CABLE	FO	FO		PROPERTY LINES		
	ELECTRIC CONDUIT, HIGHWAY				LANDSCAPING	DECIDUOUS TREES(SIZE, KIND)	
	POWER LINE OVERHEAD	OHW	OHW	SHRUBS			
	CURB STOP (WATER SHUT-OFF)			EVERGREENS			
	WATER METER			TREE LINE			
	WATER VALVE			HEDGES			
	WATER GATE VALVE			WOOD STOCKADE FENCE			
GAS GATE VALVE (GAS SHUT-OFF)			CHAIN LINK/ WIRE FENCE/BARRIER				
BLOW-OFF VALVE			WIRE ROPE GUARD FENCE				
SEWER VENT			ENVIRONMENTAL	BORING LOCATION			
CLEANOUT				MONITORING WELL LOCATION			
WATER HYDRANT				GPS/GIS CONTROL POINT			
MANHOLES				SAMPLE LOCATION			
				TEST PIT LOCATION			
				FRESHWATER WETLAND FLAGS			
				FRESHWATER WETLANDS LINES			
				FRESHWATER WETLANDS BUFFER			
				EXCAVATION/TEST PIT LIMIT LINE			
				PHOTO LOCATIONS			
DRAINAGE	"C" OR "M" INLET			SITE PLAN	SPOT GRADE		
	"M" INLET				CONTOUR		
	"C" OR "M" DOUBLE INLET				DITCH		
	CITY INLET				SWALE		
	R.C. FLARED END SECTION				9"x18" CONCRETE VERTICAL CURB		
	HEADWALL				CONCRETE SIDEWALK		
	HEADWALL W/WINGS				STORM SEWER		
	HEADWALL W/WINGS & APRON				SANITARY SEWER		
	DRAINAGE FLOW				PARKING SPACES		
					HANDICAPPED ACCESSIBLE RAMP		
ROADWAY	EDGE OF PAVING (CONCRETE AND BITUMINOUS)			MISCELLANEOUS	BUILDINGS		
	CURB (SIZE, SLOPE, OR VERTICAL)				UTILITY POLE		
	PAVEMENT/SIDEWALK/DRIVEWAY				UTILITY POLE W/GUY WIRE		
	RIGHT OF WAY LINES ACCESS PERMITTED				LIGHT		
	NO ACCESS				SIGN		
	BRIDGE (PLAN VIEW)				FRESHWATER WETLANDS LINE AND FLAGS		
	RAIL ROAD				FRESHWATER WETLANDS TRANSITION AREA LIMIT LINE		
					INLET		
					TREE		
					SHRUBS		
TRAFFIC	POLE NO. & TYPE (UTILITY, GUY, LIGHT, ETC.)			BENCHMARK LOCATION			
	LIGHT POST			TRAFFIC LIGHT			
	TRAFFIC CONTROL BOX			TYPICAL SECTION ARROW			
	TRAFFIC LIGHT W/MAST ARM & BASE (ELECTRICAL PLAN)			GRADES			
	TRAFFIC LIGHT W/MAST ARM & BASE (TRAFFIC PLAN)			TYPICAL NORTH ARROW			
	SIGNS (REGULATORY, WARNING, GUIDE, ETC.)						
	BEAM GUARD RAIL						

ESTIMATE OF QUANTITIES

Base Bid					
Item No.	Description	Units	Plan Quantity	If & Where Directed	Bid Quantity
1	Mobilization	LS	1	0	1
2	Maintenance and Protection of Traffic	LS	1	0	1
3	Demolition of Existing Concrete Curb, Sidewalk, and Roadway	LS	1	0	1
4	Standard Type A Combination Curb and Gutter, 12" x 18"	LF	148	12	160
5	4" Concrete Sidewalk	SF	492	28	520
6	Inlet, MD SHA Type 'S'	EA	2	0	2
7	Relocate Existing Signs	EA	4	0	4
8	Asphalt Milling - 2" Depth	SY	394	56	450
9	Concrete Expansion Joint Repair - Petro Tac (or approved other)	LF	0	650	650
10	Superpave Asphalt Mix 9.5MM for Surface, PG 645-22, Level 2, 2" Thick	TON	75	10	85
11	Superpave Asphalt Mix 25.0MM for Full-Depth Patch, PG 645-22, Level 2	SY	41	10	51
12	Superpave Asphalt Mix 25.0MM for Partial-Depth Patch, PG645-22, Level 2, 4" Thick	SY	0	65	65
13	5" Thermoplastic Pavement Markings, White	LF	214	16	230

- GENERAL NOTES:**
- THE HORIZONTAL DATUM IS BASED ON NAD-1983 (GRID COORDINATES) AND THE VERTICAL DATUM IS BASED ON NAVD-1988 (ADD 0.93' TO THESE ELEVATIONS TO CONVERT TO NGVD-1929 DATUM)
 - CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. ANY ERRORS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
 - LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM EXISTING RECORDS AND/OR ABOVE-GROUND OBSERVATIONS AT THE SITE. COMPLETENESS OR ACCURACY OF LOCATION AND DEPTH CANNOT BE GUARANTEED. EACH INDIVIDUAL USING THIS PLAN MUST VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES AND FACILITIES BEFORE STARTING WORK. CONTRACTOR SHALL NOTIFY "MISS UTILITY OF DELMARVA" (1-800-441-8355) AT LEAST 48 HOURS PRIOR TO START OF EXCAVATION.
 - THE CONTRACTOR SHALL USE MD SHA NO. 2 COARSE AGGREGATE FOR TRENCH BACKFILL IN BOROUGH STREETS AND ALLEYS.
 - ALL PAVED AND CONCRETE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THAT WHICH EXISTED PRIOR TO THE START OF CONSTRUCTION.
 - ALL FILL SHALL BE PLACED IN 6" LAYERS AND THOROUGHLY COMPACTED TO THE SATISFACTION OF THE ENGINEER. IF BORROW FILL IS REQUIRED, IT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION AND IT SHALL BE AT HIS OWN EXPENSE TO REPAIR OR REPLACE ANYTHING THAT HE DAMAGES.
 - ALL CONSTRUCTION MATERIALS AND WORKMANSHIP REQUIRED TO EXECUTE THIS PROJECT SHALL BE IN CONFORMANCE WITH STANDARDS AND SPECIFICATIONS ESTABLISHED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION (M.D.S.H.A.)
 - ALL CONSTRUCTION DETAILS NOT SHOWN SHALL BE IN ACCORDANCE WITH THE TOWN OF DENTON STANDARD DETAILS FOR PUBLIC WORKS PROJECTS AND M.D.S.H.A. STANDARDS.
 - ALL BIDDERS ARE TO APPRISE THEMSELVES FULLY OF ALL CONDITIONS ABOVE AND BELOW GRADE AS THEY EXIST PRIOR TO SUBMITTING BIDS. ALL WORK IN THE DRAWINGS OR THE SPECIFICATIONS ARE REQUIRED TO MEET THE INTENT OF THE DESIGN AND DELIVER TO THE CLIENT A COMPLETE PROJECT ARE BY DEFINITION INCLUDED IN THE BID.
 - NO ADDITIONAL PAYMENT SHALL BE MADE FOR ROCK EXCAVATION BUT IT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
 - ALL PAVED AREAS USED BY VEHICLES AND EQUIPMENT WILL BE SWEEPED AND, IF NECESSARY, HOSED DOWN TO REMOVE ANY SEDIMENT OR DEBRIS. ANY DEBRIS LEFT AT THE END OF THE WORKDAY SHALL BE REMOVED BEFORE THE CONTRACTOR LEAVES THE SITE.
 - NO PAYMENT WILL BE MADE FOR RE-MOBILIZATION BUT IT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
 - NO PAYMENT WILL BE MADE FOR REPLACEMENT OF CURB/SIDEWALK THAT IS DAMAGED DURING CONSTRUCTION.
 - THE CONTRACTOR IS REQUIRED TO POST "NO PARKING" SIGNS PRIOR TO CONSTRUCTION FOR ALL LANE CLOSURES.
 - NO ADDITIONAL PAYMENT WILL BE MADE FOR SAWCUTTING OF ANY NATURE BUT IT SHALL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
 - THE CONTRACTOR MUST NOTIFY THE RESIDENTS OF ANY STREET CLOSING OR PARKING RESTRICTION BY SIGNS AND CORRESPONDENCE 48 HOURS BEFORE THE START OF CONSTRUCTION.
 - RESIDENTS SHOULD BE NOTIFIED IN ADVANCE PRIOR TO EVERY OPERATION.
 - ALL SIGNAGE MUST BE COMPLIANT WITH THE TOWN OF DENTON AND M.D.S.H.A.
 - NO ADDITIONAL WATER SHALL BE ADDED TO CONCRETE.
 - CONCRETE MUST BE PROTECTED REGARDLESS OF CURING METHODS FOR SEVENTY-TWO (72) HOURS.
 - PLAIN CEMENT CONCRETE MUST BE KEPT ABOVE 35 DEGREES FOR FIVE (5) DAYS.
 - COLD PATCH WILL NOT BE PERMITTED EXCEPT IN EMERGENCY SITUATIONS.
 - THE CONTRACTOR IS REQUIRED TO CUT TREE ROOTS AS REQUIRED TO INSTALL THE PROPOSED SANITARY SEWER, LATERALS AND MANHOLES. NO ADDITIONAL PAYMENT WILL BE MADE FOR ROOT CUTTING AND REMOVAL.

NO.	REVISION	DATE	BY	CHK.	BY

QUANTITIES, NOTES & LEGEND

THIRD STREET & FOUNTAIN AVEUNE RESURFACING

TOWN OF DENTON - CAROLINE COUNTY - MARYLAND

DATE: 3/17/15

THOMAS F. BEACH PROFESSIONAL ENGINEER LIC. NO. 22780

REMINGTON, VERNICK & BEACH ENGINEERS

UNIVERSITY OFFICE PLAZA, BELLEVUE BUILDING, 262 CHAPMAN ROAD, SUITE 105, NEWARK, DE. 19702
(302) 266-0212, FAX: (302) 266-6208, WEB SITE ADDRESS: WWW.RVBE.COM

SCALE	DATE	DRAWN BY	DSGN. BY	CHK'D. BY	DWG. NO.	SHEET. NO.
NONE	MARCH 2015	B.L.	B.L.	C.F.	MCNT004	2 OF 5

DWG FILE PATH/NAME
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