NOTES :

- (I), (II), (III), DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- GRADE & SOD ENTIRE AREA BETWEEN WALK AND CURB, UNLESS OTHERWISE DIRECTED.
- PITCH CURB FLANGE 0.12' UNLESS OTHERWISE DIRECTED.
- IN AREAS OF GRINDING, GRIND THE ENTIRE ROADWAY TO A MINIMUM OF 0.21' SUBGRADE.
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE NOTED IN THE SPECIAL PROVISIONS.
- ASPHALT PAVEMENT IS DESIGNED FOR TWO 14º PASSES WITH 0.12' CROWN IN EACH PASS. ADJUST CROWN THROUGH INTERSECTIONS AS SHOWN.

CONDITION OF CONCRETE	
B	BROKEN
BL	BLUE LINED
BP	BACK PITCHED
C	CRACKED
EP	EXCESSIVE PITCH
H	HEAVED
JF	JOINT FAILURE
MJ	MUD JACKED
P	PATCHED
PC	POOR CONDITION
S	SETTLED
SP	SPALLED
VGC	VERY GOOD
VPC	VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ. TOT.
X	MOBILIZATION	L.S.						
X	FINISHING ROADWAY	L.S.						
X	BARRICADING AND SIGNING	L.S.						
X	CUTTING	C.Y.						
X	ROADWAY CUTTING	C.Y.						
	FILLING	C.Y.						
	ROADWAY FILLING	C.Y.						
X	PAVEMENT REMOVAL	S.Y.						
	BITUMINOUS SURFACE REMOVAL	S.Y.						
X	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
X	CONC. WALK &/OR DRIVEWAY REMOVAL	S.F.						
X	SAWING (FULL DEPTH)	L.F.						
X	SAWING	L.F.						
X	TREES CLEARING	I.D.						
X	TREES GRUBBING	I.D.						
X	CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
X	5' CONCRETE WALK	S.F.						
X	7" CONCRETE DRIVEWAY	S.F.						
	CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
X	V.T. CONCRETE BASE	C.Y.						
	CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
X	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T. ASPH. CONC. PAV'T. (MAX.)	S.Y.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
X	PAVEMENT GRINDING (ASPHALT)	S.Y.						
X	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

THIS SHEET	STORM DRAINAGE UNITS		
	C.B.W. - 1	RESET - 8	ABANDON - 0
	PROJECT IN (COMB) AREA		

FILE NO. 201

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

PLAN OF: E. WRIGHT ST. (2500N, 500E)
N. HOLTON ST. TO N. HUMBOLDT BLVD.
THIS SECTION: N. HOLTON ST. N. FRATNEY ST.

DRAWN BY	S. BIEGANSKI	DATE: 11-28-06	PROJECT NO. ST211070141	SHEET 1 OF 2
DESCRIPTIONS BY	S. BIEGANSKI	DATE: 11-28-06		
LEVELS BY	S. BIEGANSKI	DATE: 11-28-06	SCALE 1"=10'	1/4 SEC. 321 / ALD. DIST. 3
LEVELS TRANSF. BY	S. BIEGANSKI	DATE: 01-19-07		
DESIGNED BY	JANACEK	DATE: 12-20-06	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	D. BEKELE	DATE: 01-23-06	REVISED: ASPHALT OVERLAY 9-14-09	
CHECKED BY	[signature]	DATE: 2/8/13	REVISED: DESIGN UPDT 12-14-12 WALCZAK	
APPROVED BY	[signature]	DATE: 2/11/13	REVISED:	

FILE: V:\PWELIB\PAVING\28719.FIN
PLOT DATE: 07-FEB-2013

ESTIMATE / CERTIFICATE QUANTITIES

DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ. TOT.
MOBILIZATION	L.S.						
FINISHING ROADWAY	L.S.						
BARRICADING AND SIGNING	L.S.						
CUTTING	C.Y.						
ROADWAY CUTTING	C.Y.						
FILLING	C.Y.						
ROADWAY FILLING	C.Y.						
PAVEMENT REMOVAL	S.Y.						
BITUMINOUS SURFACE REMOVAL	S.Y.						
CURB &/OR CURB & GUTTER REMOVAL	L.F.						
CONC. WALK &/OR DRIVEWAY REMOVAL	S.F.						
SAWING (FULL DEPTH)	L.F.						
SAWING	L.F.						
TREES CLEARING	I.D.						
TREES GRUBBING	I.D.						
CONCRETE CURB & GUTTER	L.F.						
V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
5' CONCRETE WALK	S.F.						
7' CONCRETE DRIVEWAY	S.F.						
CONCRETE PAVEMENT	S.Y.						
7' CONCRETE ALLEY PAVEMENT	S.Y.						
V.T. CONCRETE BASE	C.Y.						
CONCRETE BASE	S.Y.						
TACK COAT	GAL.						
BASE PREP. FOR ASPHALT SURFACE	L.S.						
V.T. ASPH. CONC. PAV'T. (MAX.)	S.Y.						
CRUSHED STONE BASE							
CRUSHED GRAVEL BASE							
GRAVEL FILLING	TON						
SODDING	S.Y.						
TOPSOIL	C.Y.						
PAVEMENT GRINDING (ASPHALT)	S.Y.						
PAVEMENT GRINDING (CONCRETE)	S.Y.						
SEALING PAV'T JOINTS & CRACKS	S.Y.						
MANHOLE RINGS	EACH						
SEWER FRAME ADJUSTMENT	V.F.						
MANHOLE SEAL (CITY FURNISHED)	EACH						
EROSION CONTROL (TYPE M)	EACH						

CONDITION OF CONCRETE

- B BROKEN
- BL BLUE LINED
- BP BACK PITCHED
- C CRACKED
- EP EXCESSIVE PITCH
- H HEAVED
- JF JOINT FAILURE
- MJ MUD JACKED
- P PATCHED
- PC POOR CONDITION
- S SETTLED
- SP SPALLED
- VGC VERY GOOD
- VPC VERY POOR

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. 202

PLAN OF: E. WRIGHT ST. (2500N, 500E)
N. HOLTON ST. TO N. HUMBOLDT BLVD.
THIS SECTION: N. FRATNEY ST. TO N. HUMBOLDT BLVD.

DRAWN BY S. BIEGANSKI	DATE: 11-28-06	PROJECT NO. ST211070141	SHEET 2 OF 2
DESCRIPTIONS BY S. BIEGANSKI	DATE: 11-28-06	SCALE 1"=10'	1/4 SEC. 321 / ALD. DIST. 3
LEVELS BY S. BIEGANSKI	DATE: 11-28-06	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
LEVELS TRANSF. BY S. BIEGANSKI	DATE: 12-20-06	REVISED: ASPHALT OVERLAY 9-14-09	
DESIGNED BY JANACEK	DATE: 03-22-07	REVISED: DESIGN UPDT 12-14-12 WALCZAK	
GRADES TRANSF. BY N. STUIBER	DATE: 2/8/13	REVISED:	
CHECKED BY D. Ullrich	DATE: 2/11/13		
APPROVED BY [signature]			

FILE: V:\PWELIB\PAVING\28719.FIN
PLOT DATE: 07-FEB-2013

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 3	RESET- 5	ABANDON- 0
PROJECT IN (COMB) AREA		

EROSION CONTROL	AND C.B. REQUISITION PLAN		
TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON
18	3	5	0

NO WORK

DATE TO	2/13/13	2/13/13
ESTIMATING		
HOLLOW WALKS		
PUBLIC HEARING		
CONSTRUCTION	6	
SEWER		
WATER		
STREET LIGHTING		
BLDG. SEWERS		
MEASURING		
FIELD		
DISTRICT FILE	2	
FORESTRY		
W.E. / G.O.		
WIS. GAS CO.		
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.		
WATER DIST.		
WEPCO N/S		
WEPCO S/S		
SEWER SERVICES		
UTILITY COOR.		
TrafficEng RM 506	15	
PLAN SIZE	12" X 138"	

E. WRIGHT ST. - N. HOLTON ST. TO N. HUMBOLDT BLVD.
N. FRATNEY ST. TO N. HUMBOLDT BLVD. ST211070141 12" X 138" 28719 #202 (2 OF 2)