NOTES :

- Ⓘ, Ⓘ, Ⓘ. 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.
- PITCH FLG. 0.08' UNLESS OTHERWISE SHOWN.
- PROJECT ROADWAY IS BEING NARROWED FROM 40FT. WIDTH TO 36FT.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MIN COV. @ FLG, 0.17' @ BUTT JTS. AND 0.21' MIN ELSEWHERE.
- GRADE & PLACE 1.5' WIDTH SOD AND TOPSOIL IN LAWN AREAS DISTURBED BY CONSTRUCTION, OR AS DIRECTED.
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- GRADE & SOD ENTIRE AREA BETWEEN WALK & CURB
- NEW ASPHALTIC CONC PAVEMENT (STAGE CONSTRUCTION) SHALL CONSIST OF:

  1-1/2" ASPH. CONC. PAVEMENT ON
  3" ASPH. BINDER ON
  6" CRUSHED STONE BASE
- STATION 1+00 IS THE NORTH R/W LINE IN W. BURNHAM ST.
- TRANSIT LINE IS THE R/W CENTERLINE IN S. 18TH ST.
- LINE IS MONUMENTED WITH CHIS 'T'S 26FT. WEST (PROJECT LEFT) AT EVERY 100 STATION.
- PROJECT IS DESIGNED FOR (2) 16FT. ASPHALT PASSES WITH 0.08' CROWN 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
- VG VERY GOOD
- VP 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.							
	ROADWAY CUTTING	C.Y.							
X	FILLING	C.Y.							
	ROADWAY FILLING	C.Y.							
	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.							
	SAWING (FULL DEPTH)	L.F.							
X	SAWING	L.F.							
	TREES CLEARING	I.D.							
	TREES GRUBBING	I.D.							
X	CONCRETE CURB & GUTTER	L.F.							
X	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.							
X	6" CRUSHED STONE BASE	S.Y.							
	CRUSHED GRAVEL BASE								
X	GRAVEL FILLING	TON							
X	SODDING	S.Y.							
X	TOPSOIL	C.Y.							
X	PAVEMENT GRINDING (ASPHALT)	S.Y.							
	PAVEMENT GRINDING (CONCRETE)	S.Y.							
	SEALING PAV'T JOINTS & CRACKS	S.Y.							
	MANHOLE RINGS	EACH							
X	SEWER FRAME ADJUSTMENT	V.F.							
X	MANHOLE SEAL (CITY FURNISHED)	EACH							
X	EROSION CONTROL (TYPE M)	EACH							

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

PLAN OF: S. 18TH. ST.
W. BURNHAM ST. TO S. PEARL ST.

THIS SECTION: W. BURNHAM ST. TO A PT. 650' NORTH

DRAWN BY T. MANGERIN	DATE: 9/14/12	PROJECT NO. ST211130128	SHEET 1 OF 2
DESCRIPTIONS BY	DATE:	SCALE 1"=10'	1/4 SEC. 460 / ALD. DIST. 12
LEVELS BY W.WILLIAMS	DATE: 9/13/12	OBSTRUCTIONS	SEE OBSTRUCTION LIST
LEVELS TRANSF. BY	DATE:	REVISED:	
DESIGNED BY B. PLAUMANN	DATE: 1/8/13	REVISED:	
GRADES TRANSF. BY G.GUERRA	DATE: 2/18/13	REVISED:	
CHECKED BY	DATE: 4/16/13	REVISED:	
APPROVED BY	DATE: 4/17/13		

PLOT DATE: 28-MAR-2013

FILE NO. 192
1700S, 1800W

PROJECT TOTAL STORM DRAINAGE UNITS
C.B.W. - 8 RESET - 0 ABANDON - 7
PROJECT IN COMBINED AREA

EROSION CONTROL TYPE M	AND C.B.	REQUISITION	PLAN
SHEET TOTAL 11	X-CBW 8 / RESET 0	X-ABANDON 7	NO WORK
PROJECT TOTAL 20	8 / 0	7	

S. 18TH. ST. - W. BURNHAM ST. TO S. PEARL ST.
W. BURNHAM ST. TO A PT. 650' NORTH
ST211130128
15. X 150. S2520 #165
(1 OF 2)

NOTES :

- (I), (II), (III), DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
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BP BACK PITCHED
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EP EXCESSIVE PITCH
H HEAVED
JF JOINT FAILURE
MJ MUD JACKED
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PC POOR CONDITION
S SETTLED
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VGC VERY GOOD
VPC VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

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SAWING	L.F.						
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TREES GRUBBING	I.D.						
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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						

STORM DRAINAGE UNITS
C.B.W.- 0 | RESET- 0 | ABANDON- 0
PROJECT IN COMBINED AREA

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

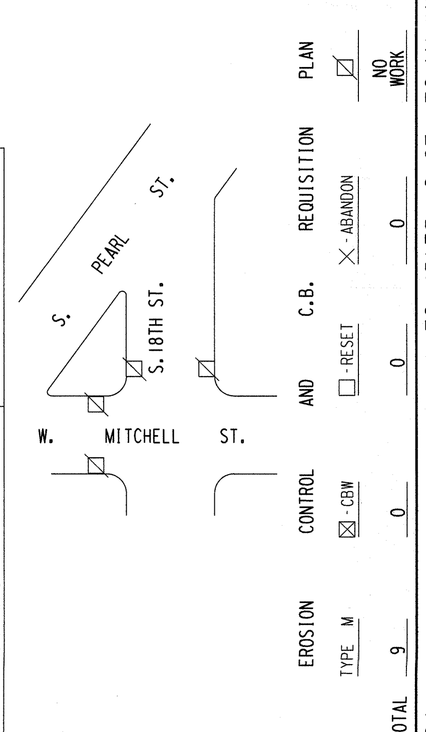
FILE NO. 193

PLAN OF: S.18TH. ST. 1700S, 1800W

W. BURNHAM ST. TO S. PEARL ST.

THIS SECTION: A PT. 650' NORTH OF BURNHAM TO S. PEARL ST.

DRAWN BY	T.WANGERIN	DATE: 9/14/12	PROJECT NO. ST211130128 — SHEET 2 OF 2
DESCRIPTIONS BY		DATE:	
LEVELS BY	W.WILLIAMS	DATE: 9/13/12	SCALE 1"=10' — 1/4 SEC. 460 — ALD.DIST. 12
LEVELS TRANSF. BY		DATE:	
DESIGNED BY	B. PLAUMANN	DATE: 1/8/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	G.GUERRA	DATE: 2/18/13	REVISED:
CHECKED BY	D. Ulrbahr	DATE: 4/3/13	REVISED:
APPROVED BY	[signature]	DATE: 4/3/13	REVISED:

FILE: V:\PWELIB\PAVING\29250.FIN

PLOT DATE: 28-MAR-2013