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 FLANGE 0.08' UNLESS OTHERWISE SHOWN.
- PROJECT HAS SECTIONS OF VARYING FACE.
- MAINLINE CURB HAS 0.42' FACE.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MINIMUM COVER AT FLANGE, 0.17' AT BUTT JOINTS, AND 0.21' MINIMUM ELSEWHERE.
- GRADE & PLACE 1.5' WIDTH SOD AND TOPSOIL IN LAWN AREAS DISTURBED BY CONSTRUCTION & ENTIRE AREA BETWEEN WALK AND CURB.
- ANY TREES TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- NEW ASPHALTIC CONC PAV'T (STAGE CONSTRUCTION) SHALL CONSIST OF:
  1 1/2" ASPH CONC PAVEMENT ON
  3" ASPH BINDER ON
  6" CRUSHED STONE BASE
- STATION 20+00 IS THE NORTHEAST ROW CORNER IN W. ARROW ST.
- LINE IS MONUMENTED WITH CHIS 'T's' 26.00' PROJECT LEFT AT EVERY 100 STATION.

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	PAV'T REMOVAL (IN MITCHELL ISL)	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.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
	31" 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.						
	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							
	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.						
	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

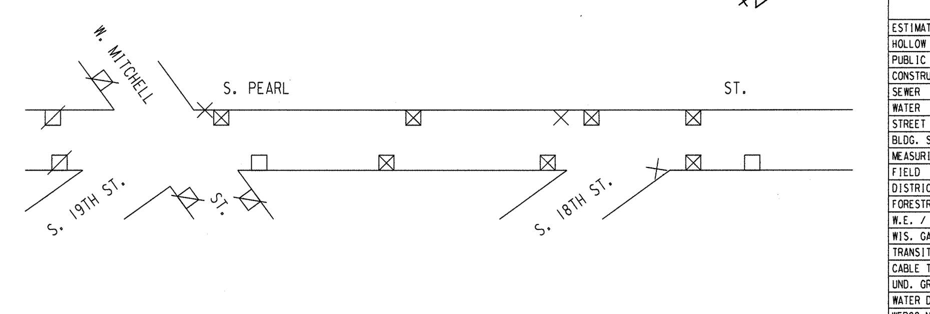
FILE NO. ~~206~~ 162

PLAN OF: S. PEARL ST.
FROM W. MITCHELL ST. TO S. CESAR E. CHAVEZ DR.
THIS SECTION: W. MITCHELL ST. TO W. ARROW ST.

DRAWN BY	B.MATHENY	DATE: 02/25/13	PROJECT NO.		
DESCRIPTIONS BY		DATE:	ST211130127	SHEET 1 OF 3	
LEVELS BY	W.WILLIAMS	DATE: 09-15-12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	460	8&12
DESIGNED BY	B.PLAUMANN	DATE: 01-30-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B.MATHENY	DATE: 02/25/13	REVISED:		
CHECKED BY	D. [signature]	DATE: 4/30/13	REVISED:		
APPROVED BY	[signature]	DATE: 5/1/13	REVISED:		
FILE: V:\PWELIB\PAVING\25824.FIN					
PLOT DATE: 26-APR-2013					

PROJECT TOTAL

STORM DRAINAGE UNITS		
C.B.W.- 10	RESET- 8	ABANDON- 5
PROJECT IN COMB AREA		



	EROSION CONTROL	AND C.B.		REQUISITION	PLAN
	TYPE M	⊠ - CBW	□ - RESET	X - ABANDON	⌀
THIS SHEET	17	7	2	3	NO WORK
PROJECT TOTAL	32	10	8	5	

TO \ DATE	5/2/13	9/4/13
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS	1	
MEASURING		1
FIELD		1
DISTRICT FILE	2	
FORESTRY	1	
W.E. / G.O.		
WIS. GAS CO.	1	
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.	1	
WATER DIST.	1	
WEPCO N/S		
WEPCO S/S	1	
SEWER SERVICES		
UTILITY COOR.	1	
Traffic Eng Rm 506	1	
		20
PLAN SIZE	17.5"X128"	

W. MITCHELL ST. TO W. ARROW ST.
S. PEARL ST. - FROM W. MITCHELL ST. TO S. CESAR E. CHAVEZ DR. ST211130127 17.5"X128" 25824 # (1 OF 3)

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.

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.
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						

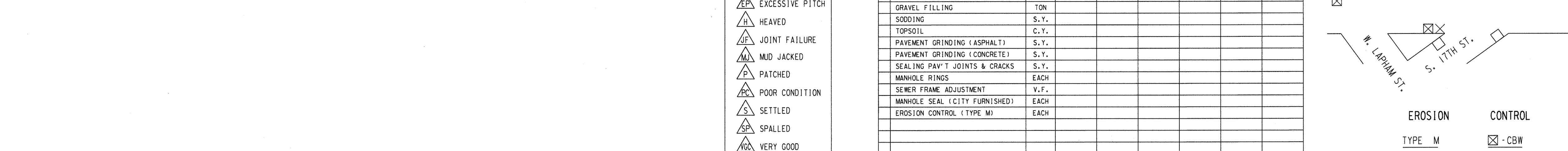
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. ~~207~~ 163

PLAN OF: S. PEARL ST.
FROM W. MITCHELL ST. TO S. CESAR E. CHAVEZ DR.
THIS SECTION: W. ARROW ST. TO S. CESAR E. CHAVEZ DR.

DRAWN BY	B.MATHENY	DATE: 02/25/13	PROJECT NO.		
DESCRIPTIONS BY		DATE:	ST211130127	SHEET 2 OF 3	
LEVELS BY	W.WILLIAMS	DATE: 09-15-12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1"=10'	460	8&12
DESIGNED BY	B.PLAUMANN	DATE: 01-30-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B.MATHENY	DATE: 02/25/13	REVISED:		
CHECKED BY	D. [signature]	DATE: 4/30/13	REVISED:		
APPROVED BY	[signature]	DATE: 5/1/13	REVISED:		
FILE: V:\PWELIB\PAVING\25824.FIN					
PLOT DATE: 26-APR-2013					

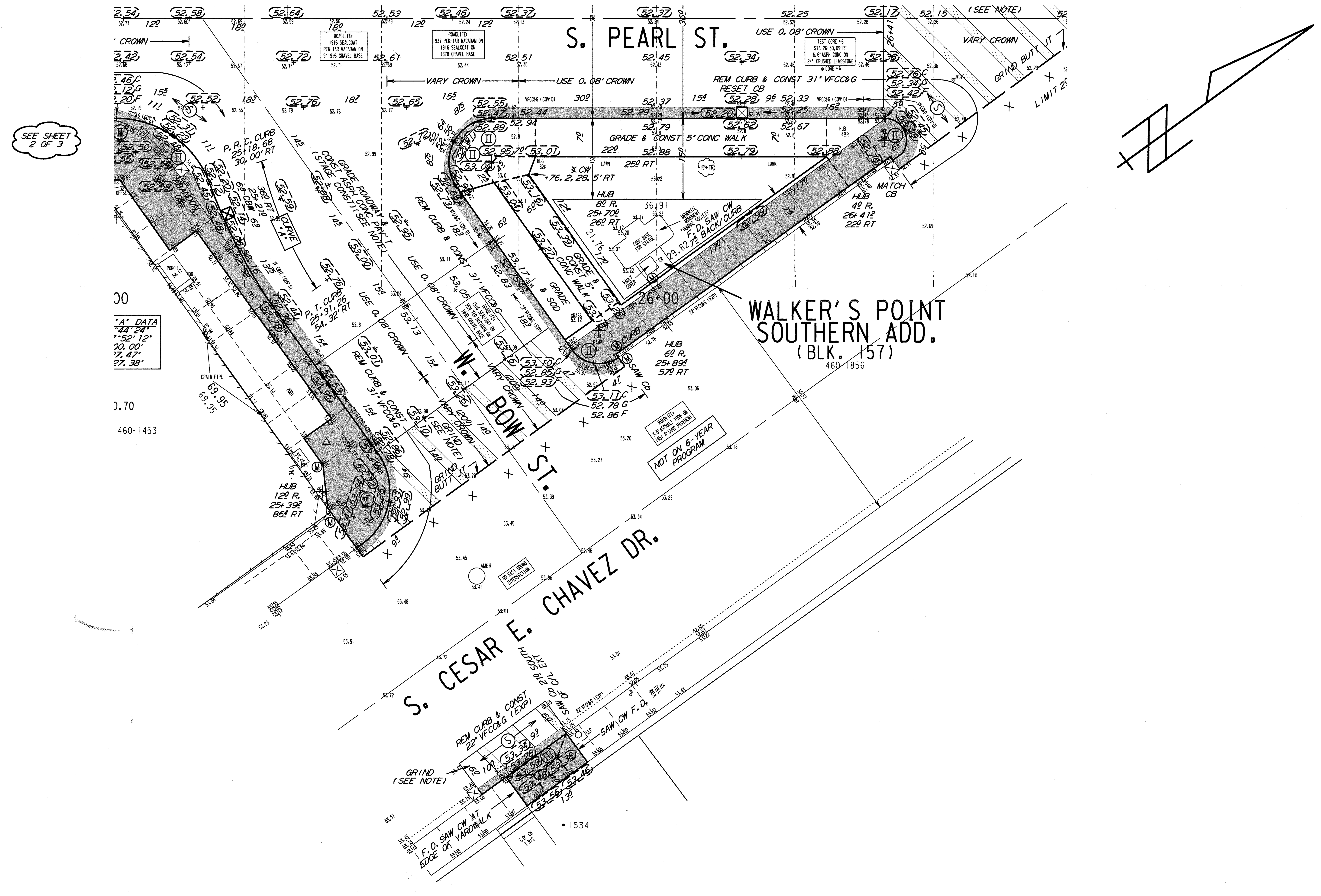
STORM DRAINAGE UNITS		
C.B.W.-	RESET-	ABANDON-
PROJECT IN (COMB) (SEPARATED) AREA		



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON		
15	3	6	2	NO WORK	

TO \ DATE	5/2/13	9/4/13			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S	1				
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng Rm 506	1	20			
PLAN SIZE	17.5"X128"				

S. PEARL ST. - FROM W. MITCHELL ST. TO S. CESAR E. CHAVEZ DR.
W. ARROW ST. TO S. CESAR E. CHAVEZ DR.
ST211130127 17.5"X128" 25824 # (2 OF 3)



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.

CONDITION OF CONCRETE

- Ⓑ BROKEN
- Ⓑ BLUE LINED
- Ⓑ BACK PITCHED
- Ⓒ CRACKED
- Ⓔ EXCESSIVE PITCH
- Ⓗ HEAVED
- Ⓙ JOINT FAILURE
- Ⓜ MUD JACKED
- Ⓟ PATCHED
- Ⓟ POOR CONDITION
- Ⓢ SETTLED
- Ⓢ SPALLED
- Ⓥ VERY GOOD
- Ⓥ VERY POOR

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						

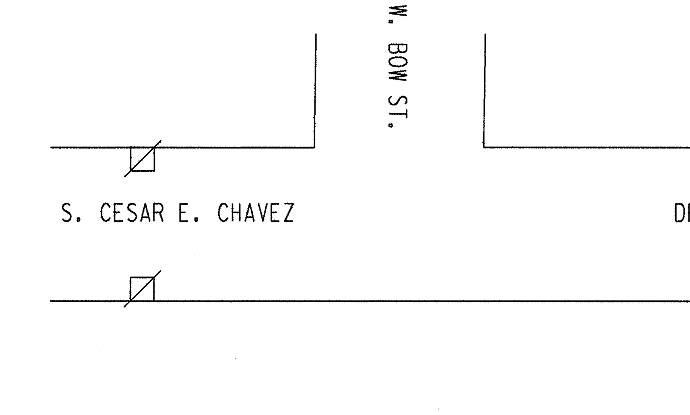
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

FILE NO. 164

PLAN OF: S. PEARL ST.
FROM W. MITCHELL ST. TO S. CESAR E. CHAVEZ DR.
THIS SECTION: INTERSECTION OF W. BOW ST. & S. CESAR E. CHAVEZ DR.

DRAWN BY	B.MATHENY	DATE: 02/25/13	PROJECT NO. ST211130127		SHEET 3 OF 3
DESCRIPTIONS BY		DATE:			
LEVELS BY	W.WILLIAMS	DATE: 09-15-12	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1"=10'	460	8&12
DESIGNED BY	B.PLAUMANN	DATE: 01-30-13	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B.MATHENY	DATE: 02/25/13	REVISED:		
CHECKED BY	D. Ullabah	DATE: 4/30/13	REVISED:		
APPROVED BY	[signature]	DATE: 5/1/13	REVISED:		
FILE: V:\PWELIB\PAVING\25824.FIN					
PLOT DATE: 26-APR-2013					

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



EROSION CONTROL	AND C.B. REQUISITION			PLAN
TYPE M	⊠-CBW	□-RESET	×-ABANDON	∅
0	0	0	0	NO WORK

TO \ DATE	5/3/13	9/4/13			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS	1				
MEASURING		1			
FIELD		1			
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.	1				
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S	1				
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng	1				
Rm 506		20			
PLAN SIZE	17.5"X54"				

INTERSECTION OF W. BOW ST. & S. CESAR E. CHAVEZ DR.
S. PEARL ST. - FROM W. MITCHELL ST. TO S. CESAR E. CHAVEZ DR.
ST211130127 17.5"X54" 25824 # 164 (3 OF 3)