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.
- GRADE & PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.08' CROWN IN EACH PASS, REDUCING THROUGH INTERSECTIONS AS SHOWN.
- NEW ASPHALTIC CONCRETE PAVEMENT (STAGE CONSTRUCTION), SHALL CONSIST OF:
  - 1 1/2" ASPHALT CONCRETE PAVEMENT ON
  - 3" ASPHALT BINDER ON
  - 6" CRUSHED STONE BASE
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.17' MINIMUM COVER AT THE FLANGES AND BUTT JOINTS 0.21' MINIMUM ELSEWHERE.
- ANY TREES TO BE REMOVED AS A PART OF THE PROJECT, WILL BE NOTED IN THE SPECIAL PROVISIONS.
- PITCH FLANGE 0.08' UNLESS OTHERWISE 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
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.						
X	ROADWAY CUTTING	C.Y.						
X	FILLING	C.Y.						
X	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.						
X	SAWING (FULL DEPTH)	L.F.						
X	SAWING	L.F.						
X	TREES CLEARING	I.D.						
X	TREES GRUBBING	I.D.						
X	31" 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.						
X	7" CONCRETE ALLEY PAVEMENT	S.Y.						
	V.T. CONCRETE BASE	C.Y.						
X	6" 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.						
	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						

STORM DRAINAGE UNITS	
C.B.W. - 6	RESET - 1
	ABANDON - 5
PROJECT IN COMB AREA	

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

FILE NO. 213

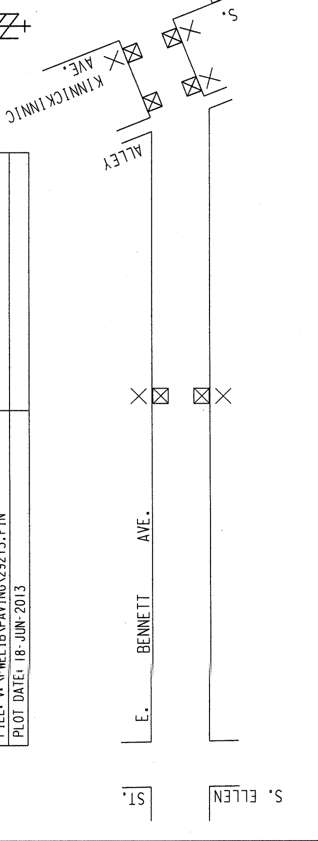
PLAN OF: E. BENNETT AVE. (1800E, 3100S)

S. KINNICKINNIC AVE. TO S. ELLEN ST.

THIS SECTION: ALLEY TO S. ELLEN ST.

DRAWN BY	PM	DATE: 2/13/13	PROJECT NO. ST211130111		SHEET 1 OF 2
DESCRIPTIONS BY	PM/JB	DATE: 2/13/13	SCALE	1/4 SEC.	ALD. DIST.
LEVELS BY	S. AMER	DATE: 2/15/13	1" = 10'	503	14
LEVELS TRANSF. BY		DATE:	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
DESIGNED BY	M. MANHARDT	DATE: 4/1/13	REVISED:		
GRADES TRANSF. BY	S. SALAPAT	DATE: 4/19/13	REVISED:		
CHECKED BY	[signature]	DATE: 6/21/13	REVISED:		
APPROVED BY	[signature]	DATE: 6/21/13	REVISED:		
FILE: V:\PWELIB\PAVING\29213.FIN					
PLOT DATE: 18-JUN-2013					

TO / DATE	6/21/13	1/9/14
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	
PLAN SIZE	15	



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	NO WORK
12	6	1	5	

E. BENNETT AVE. - S. KINNICKINNIC AVE. TO S. ELLEN ST. ALLEY TO S. ELLEN ST. ST211130111 12" X 105" 29213 # (1 OF 2)

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.

CONDITION OF CONCRETE

Symbol	Condition
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. 214

PLAN OF: E. BENNETT AVE. (1800E, 3100S)
S. KINNICKINNIC AVE. TO S. ELLEN ST.
THIS SECTION: S. KINNICKINNIC AVE. TO ALLEY

DRAWN BY	PM	DATE: 2/13/13	PROJECT NO. ST211130111
DESCRIPTIONS BY	PM/JB	DATE: 2/13/13	SHEET 2 OF 2
LEVELS BY	S. AMER	DATE: 2/15/13	SCALE 1"=10'
LEVELS TRANSF. BY		DATE:	1/4 SEC. 503 / ALD.DIST. 14
DESIGNED BY	M. MANHARDT	DATE: 4/1/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	G. LANGE	DATE: 6/11/13	REVISED:
CHECKED BY	R. Quehon	DATE: 6/21/13	REVISED:
APPROVED BY	[illegible]	DATE: 6/21/13	REVISED:

FILE: V:\PWELIB\PAVING\29213.FIN
PLOT DATE: 18-JUN-2013

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

TO \ DATE	6/21/13	1/9/14
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS	1	1
MEASURING		1
FIELD	1	1
DISTRICT FILE		2
FORESTRY		1
W.E. / G.O.		1
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	
PLAN SIZE		15

EROSION CONTROL: TYPE M
C.B. REQUISITION: ☒-CBW ☐-RESET ✕-ABANDON
PLAN: ☒ NO WORK

E. BENNETT AVE. - S. KINNICKINNIC AVE. TO S. ELLEN ST. ST211130111 12" X 75" 29213 # 214 (2 OF 2)
S. KINNICKINNIC AVE. TO ALLEY