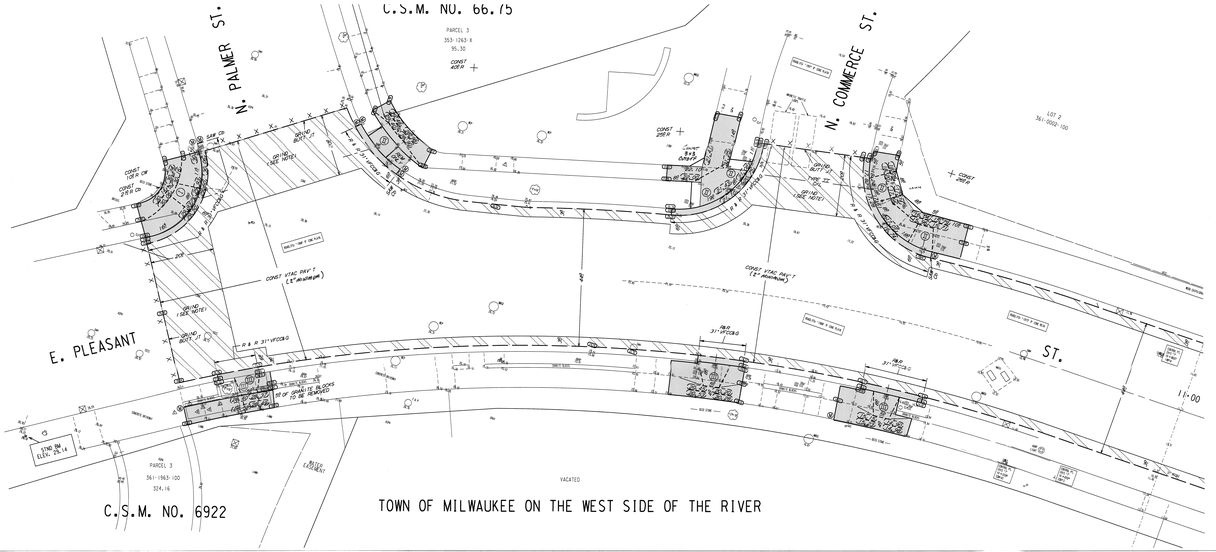

NOTES :

- ①, ②, ③, ④, 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 CENTER LINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.17 COVER AT FLANGES AND BUTT JOINTS, 0.17 MINIMUM ELSEWHERE.
- GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.

ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	R'ING			PLAN TOT.	PRGL. 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.						
	CURB AND GUTTER REMOVAL	L.F.						
	SIDEWALK CURB & GUTTER REMOVAL	L.F.						
X	CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
X	SAWING VITRIFIED CERAMIC	L.F.						
	SAWING	L.F.						
	TREES CLEARING	L.S.						
	TREES GRUBBING	L.S.						
X	5". CONCRETE CURB & GUTTER	L.F.						
X	4.5". CONC.WALK &/OR DRIVEWAY	S.Y.						
X	9". CONCRETE WALK	S.Y.						
	7". CONCRETE DRIVEWAY	S.Y.						
	CONCRETE PAVEMENT	S.Y.						
	7". CONCRETE ALLEY PAVEMENT	S.Y.						
	4.5". CONCRETE BASE	S.Y.						
	CONCRETE BASE	S.Y.						
	"HOT COAT"	GAL.						
	BITUMINOUS FOR ASPHALT SURFACE	GAL.						
X	4.5".ASPH.CONC.PAV'T.L1 MIX.	S.Y.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SOD(18).	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	SEALING PAVT.JOINTS & CRACKS	L.F.						
X	MANHOLE RINGS	EACH						
X	SERCH FRAME ADJUSTMENT	V.F.						
X	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

CONDITION OF CONCRETE
1 BROKEN
2 BLUE LINED
3 BACK PITCHED
4 CRACKED
5 HEAVED
6 JOINT FAILURE
7 MUD JACKED
8 PATCHED
9 POOR CONDITION
10 SETTLED
11 SPALLED
12 VERY GOOD
13 VERY POOR

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN	FILE NO. 54
PLAN OF: E. PLEASANT ST. BRIDGE APPROACH N. PALMER ST. TO N. WATER ST.	

THIS SECTION N. PALMER ST. TO STA. 11+00					
DRAWN BY	D.BEKELE	DATE:5-17-12	PROJECT NO: BR-0000101-04	SHEET 1 OF 3	
DESIGNED BY	D.BEKELE	DATE:5-17-12	DESIGNED FOR: 4 LANE DIVIDED		
CHECK TRAVEL BY	M.LACY	DATE:6-20-12	T-AVG. 3%	T-MAX. 3%	T-MIN. 3%
DESIGNED BY	A. DUCHOW	DATE:5-3-12	OBSTRUCTIONS: SEE OBSTRUCTION LIST		
CHECK TRAVEL BY	D.BEKELE	DATE:5-14-12	REVISED		
CHECKED BY		DATE:/ /	REVISED		
APPROVED BY		DATE:/ /	REVISED		
FILE: M:\STRUCT\2012 WORK\BRIDGE APPROACH.DWG					
PLOT DATE: 01-JUN-2012					

STORM DRAINAGE UNITS
A.B.M. = ABANDON MANHOLE ABANDON: Y
PROJECT IN CORP. AREA

EROSION CONTROL AND C.B. REQUISITION PLAN				
TYPE M	☒ - CB#	☐ - RESET	☒ - ABANDON	NO WORK ☐
8	0	0	0	

DATE		
10		
	LET JAN'90	
	HOLDER MAILED	
	PUBL.1ST HEARING	
	PUBL.2ND HEARING	
	CORP. COUNSEL	
	MAYOR	
	TOTAL1 LIGHT/HYD	
	N.S. NUMBER	
	PLAN NUMBER	
	P.C.N.O.	
	ESTIMATE FILE	A
	P.O.	A
	R.O.W. FILE	A
	R.O.W. CAN DO	
	TRAFFIC SYSTEM	
	CONS. ON	
	CONS. ON CONTRACT	
	WATER SYSTEM	
	NOTICE NO.	
	NOTICE DATE	
	SEWER SERVICES	
	SEWER SERVICES	
	CITY CONTRACT	
	PLAN TOT.	P.F.F.

W:\STRUCT\2012 WORK\BRIDGE APPROACH

BR0000101D4 18 X 81 SS22 (1 OF 3) #

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.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.17 COVER AT FLANGES AND BUTT JOINTS, 0.17 MINIMUM ELSEWHERE.
- GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.

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
- 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 (200N-400N, 100E-400E)
FILE NO. 55

PLAN OF: E. PLEASANT ST. BRIDGE APPROACH
N. PALMER ST. TO N. WATER ST.
THIS SECTION: STA. 11 + 00 TO N. WATER ST.

DRAWN BY	D.BEKELE	DATE: 5-17-12	PROJECT NO.		
DESCRIPTIONS BY	D.BEKELE	DATE: 5-17-12	BR100070104	SHEET 2 OF 2	
LEVELS BY	ALVEY	DATE: 10-15-11	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	ALVEY	DATE: 10-22-11	1"=10'	360 361	3
DESIGNED BY	R. DUCHOW	DATE: 5-3-12	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	D.BEKELE	DATE: 5-14-12	REVISED:		
CHECKED BY		DATE: 6/5/12	REVISED:		
APPROVED BY		DATE: 6/6/12	REVISED:		
FILE: W:\STR\B0112\2012 WORK\BRIDGE APPROACH.DGN					
PLOT DATE: 01-JUN-2012					

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

EROSION	CONTROL	AND	C.B.	REQUISITION PLAN
TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☐
8	0	0	0	NO WORK

TO \ DATE	6-6-12
ESTIMATING	1
HOLLOW WALKS	1
PUBLIC HEARING	1
CONSTRUCTION	1
SEWER	1
WATER	1
STREET LIGHTING	1
BLDG. SEWERS	1
MEASURING	
FIELD	
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	1
WEPCO S/S	
SEWER SERVICES	
UTILITY COOR.	1
Traffic Eng.	1
PLAN SIZE	18' X 118'

E. PLEASANT ST. BRIDGE APPROACH STA. 11 + 00 TO N. WATER ST. BR100070104 18" X 118" 29232 # (2 OF 2)