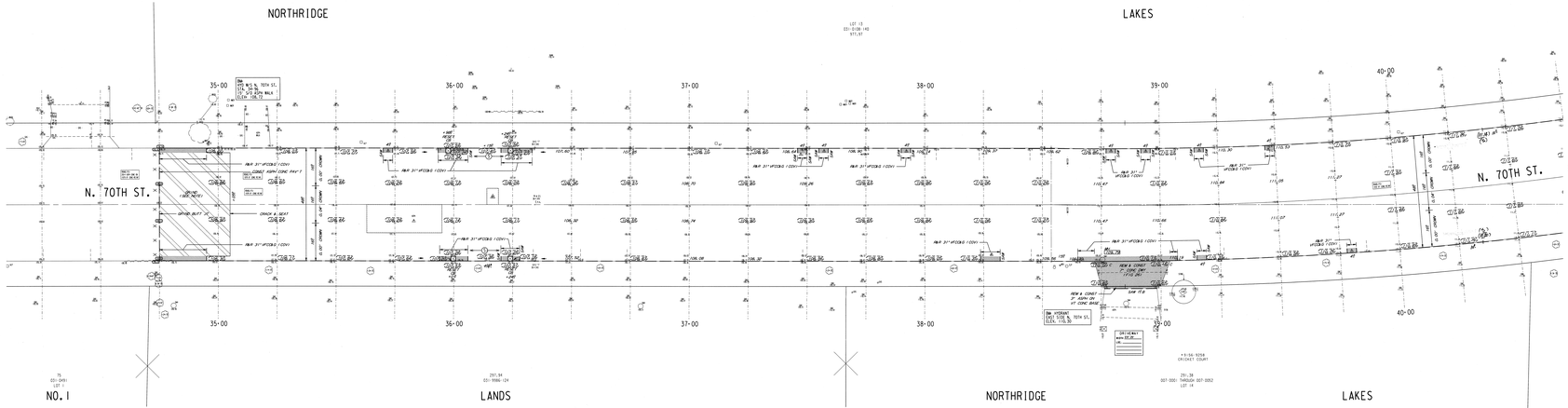


NOTES:

- 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 CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- GRADE & PLACE 1.5" WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED.
- IN AREAS OF GRINDING, GRIND TO OBTAIN 0.12" MINIMUM COVER AT CURB GUTTER AND AT BUTT JOINTS, & 0.08" MIN. ELSEWHERE.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SANI (SANITARY).
- REMOVE ASPHALT WITHIN LIMITS OF CONSTRUCTION, AS DIRECTED BY THE CONSTRUCTION SUPERVISOR.

ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	R-INC		PLAN 101	PRIL 101
A	MOBILIZATION	L.S.					
B	EXISTING PAVEMENT	L.S.					
C		L.S.					
D	BARRICADING AND SIGNING	L.S.					
E		L.S.					
F	CURB	L.F.					
G	PAVEMENT CUTTING	L.F.					
H	CURB CUTTING	L.F.					
I		L.F.					
J	PAVEMENT REMOVAL	S.Y.					
K	CURB AND GUTTER REMOVAL	L.F.					
L	CURB AND GUTTER & GUTTER REMOVAL	L.F.					
M	SIDEWALK REMOVAL (VARIOUS WIDTHS)	S.F.					
N	DRIVING (FULL DEPTH)	L.F.					
O	TREE REMOVAL	EACH					
P	TREES TRIMMED	EACH					
Q	TREES UNDERCUT	L.S.					
R	TREES REMOVED	L.S.					
S	NEW 6" CONCRETE CURB & GUTTER	L.F.					
T	NEW 31" HPCGCS (CDV)	L.F.					
U	6" CONCRETE PAVEMENT	S.Y.					
V	6" CONCRETE DRIVEWAY	S.Y.					
W	6" CONCRETE DRIVEWAY PAV'T	S.Y.					
X	6" CONCRETE DRIVEWAY	S.Y.					
Y	4" LEVEL & CRACK REPAIR	L.F.					3841
Z	CONCRETE PAVEMENT	S.Y.					
AA	4" CONCRETE DRIVEWAY	S.Y.					
AB	4" L.F. CONCRETE BASE	S.Y.					
AC	TACK COAT	GAL.					
AD	4" ASPHALTIC TOP (ASPHALT SURFACE)	S.Y.					
AE	4" L.F. BASE COURSE (ASPHALT - MIX)	S.Y.					
AF	4" ASPHALT DRIVEWAY	S.Y.					
	CHANGE STORM SEWER (VARIOUS SIZES, BASES)						
AG	CHANGE STORM SEWER						
AH							
AI							
AJ	REPAIR OPERATION (ASPHALT)	S.Y.					
AK	PAVEMENT REPAIR (CONCRETE)	S.Y.					
AL	PAVEMENT REPAIR (ASPHALT)	S.Y.					
AM	4" L.F. BASE COURSE (ASPHALT)	S.Y.					
AN	SEWER FRAME ADJUSTMENT	V.F.					
AO	MANHOLE CAPITAL (TYPE A)	EACH					
AP	MANHOLE CAPITAL (TYPE B)	EACH					

CONDITION OF CONCRETE

- BROKEN
- BLUE LINED
- BACK PITCHED
- CRACKED
- EXCESSIVE PITCH
- WEAKED
- JOINT FAILURE
- NOT JACKED
- PATCHED
- POOR CONDITION
- SETTLED
- SPALLED
- VERY GOOD
- VERY POOR

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

PLAN 0F+

FILE NO. 935

THIS SECTION	CROSS N. & W. & CLAMBOOK RD.	TO N. & W. & CLAMBOOK RD.	PROJECT NO.
SHEET 01	NORTHRIDGE	PROJECT NO.	
DESIGNED BY	MAJ/MCC/JAT	CONTRACTS	CONTRACTS - 2 - 0 - 3
DRAWN BY	MAJ/MCC/JAT	CONTRACTS	CONTRACTS - 2 - 0 - 3
TRACED BY	MAJ/MCC/JAT	CONTRACTS	CONTRACTS - 2 - 0 - 3
DETAILED BY	MAJ/MCC/JAT	CONTRACTS	CONTRACTS - 2 - 0 - 3
CHECKED BY	MAJ/MCC/JAT	CONTRACTS	CONTRACTS - 2 - 0 - 3
APPROVED BY	MAJ/MCC/JAT	CONTRACTS	
APPROVED BY			
R.E. DATA ON FILE			

THIS SHEET

	STORM SEWERAGE (MILES)			
	R.C.P.	C.M.P.	PLASTIC	TOTAL
	0.0	0.0	0.0	0.0

PROJECT TO & INCLUDING: NONE

	EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE W	DZ-CBM	C-HEXET	X-ABANDON		27 NO. WORK
THIS SHEET	4	0	4	0		
PROJECT TOTAL	8	0	8	0		

C:\S 911 - 2013\11-13-2013\DGN\PLAN 27 - 1000 - 12 - 1000 - JAT
C:\S 911 - 2013\11-13-2013\DGN\PLAN 30 - 2 - 1000 - JAT

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.

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
BROKEN
BLUE LINED
BACK PITCHED
CRACKED
EXCESSIVE PITCH
HEAVED
JOINT FAILURE
MUD JACKED
PATCHED
POOR CONDITION
SETTLED
SPALLED
VERY GOOD
VERY POOR

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

FILE NO. 336

PLAN OF: N. 70TH ST.

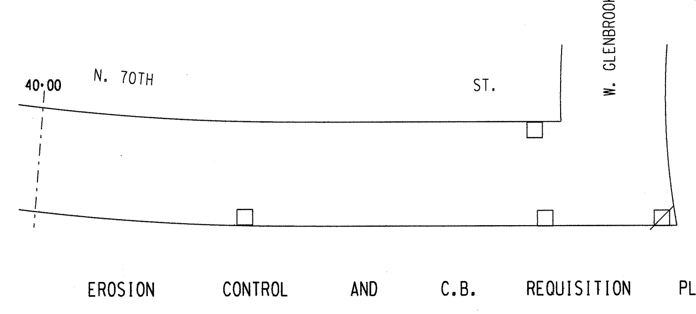
1000'± S. OF W. GLENBROOK RD. TO W. GLENBROOK RD.

THIS SECTION: 500'± S. OF W. GLENBOORK RD. TO W. GLENBROOK RD.

DRAWN BY	B. MATHENY	DATE: 4/1/13	PROJECT NO. ST211150102		SHEET 2 OF 2
DESCRIPTIONS BY	B. MATHENY	DATE: 7/9/14			
LEVELS BY	BEKELE	DATE: 4/1/13	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	WHITE	DATE: 4/1/13	1" = 10'	31	9
DESIGNED BY	SCHULTZ	DATE: 8/19/14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	G. LANGE	DATE: 8/27/14	REVISED:		
CHECKED BY	D. [signature]	DATE: 9/29/14	REVISED:		
APPROVED BY	[signature]	DATE: 10/6/14	REVISED:		
FILE: V:\PWELIB\PAVING\29451.FIN					
PLOT DATE: 25-SEP-2014					

THIS SHEET

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



	EROSION CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON	☐
THIS SHEET	4	0	3	0	NO WORK

TO \ DATE	10/9/14	3-14-16			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.	1				
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng RM 506	1	6			
PLAN SIZE	17.5" X 95"				