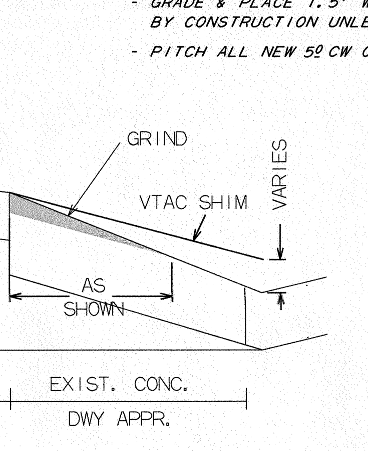
NOTES :

- (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.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN" (SANITARY)
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MINIMUM COVER AT FLANGE & 0.17' MINIMUM AT BUTT JOINTS, 0.21' MINIMUM ELSEWHERE
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH 0.06' CROWN IN EACH PASS REDUCING THROUGH THE INSTERSECTION AS SHOWN
- REMOVE ALL ASPHALT PATCHES WITHIN LIMITS OF CONSTRUCTION
- GRADE & PLACE 1.5' W SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE INDICATED
- PITCH ALL NEW 5º CW 0.02'/FT



TYPICAL SECTION
ASPHALT SHIM ON DRIVEWAYS

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

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.						
X	PAVEMENT REMOVAL	S.Y.						
X	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.						
X	31" VF CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	31" VFCC & G (T-II)	L.F.						
	7" CONCRETE DRIVEWAY	S.F.						
	CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
	V.T. CONCRETE BASE	C.Y.						
X	8" 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	REPAIR PAV'T JOINTS & CRACKS	L.F.						500
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
X	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						
X	CRACK & SEAT	S.Y.						

PROJECT TOTAL
STORM DRAINAGE UNITS
C.B.W. - 0 | RESET - 6 | ABANDON - 0
PROJECT IN ( ) (SEPARATED) AREA

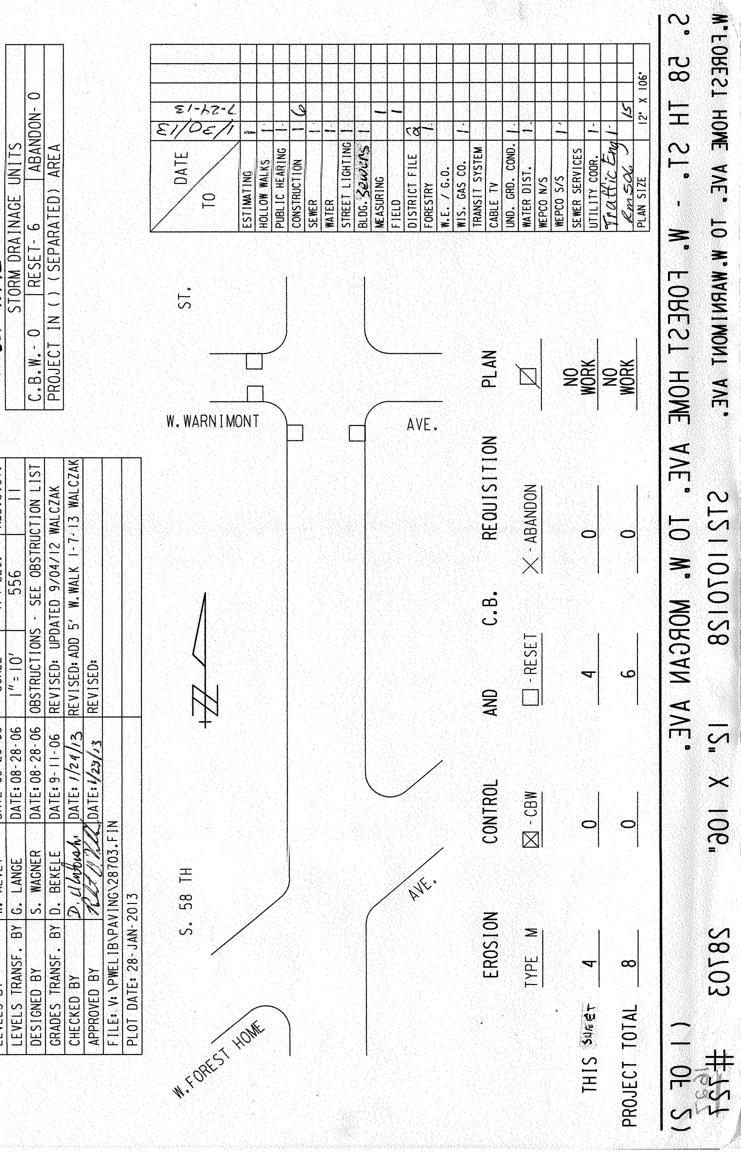
FILE NO. 1627

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

PLAN OF: S. 58 TH ST. (3600S)(5800W)
W. FOREST HOME AVE. TO W. MORGAN AVE.
THIS SECTION: W. FOREST HOME AVE. TO W. WARNIMONT AVE.

DRAWN BY	M. VOJVODICH	DATE: 6-20-06	PROJECT NO.	SHEET 1 OF 2
DESCRIPTIONS BY	M. VOJVODICH	DATE: 6-20-06	ST211070128	
LEVELS BY	W. ALVEY	DATE: 08-28-06	SCALE	1/4 SEC. / ALD. DIST.
LEVELS TRANSF. BY	G. LANGE	DATE: 08-28-06	1" = 10'	556 / 11
DESIGNED BY	S. WAGNER	DATE: 08-28-06	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	D. BEKELE	DATE: 9-11-06	REVISED: UPDATED 9/04/12 WALCZAK	
CHECKED BY	D. [signature]	DATE: 1/24/13	REVISED: ADD 5' W. WALK 1-7-13 WALCZAK	
APPROVED BY	[signature]	DATE: 1/24/13	REVISED:	

FILE: V:\PWELIB\PAVING\28703.FIN
PLOT DATE: 28-JAN-2013



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

FILE NO. 1628

PLAN OF: S. 58 TH ST. (3500S) (5800W)
W. FOREST HOME AVE. TO W. MORGAN AVE.
THIS SECTION: W. WARNIMONT AVE. TO W. MORGAN AVE.

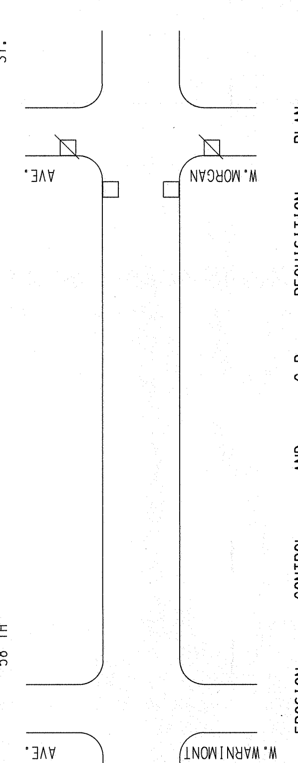
DRAWN BY	M. VOJVODICH	DATE: 6-20-06
DESCRIPTIONS BY	M. VOJVODICH	DATE: 6-20-06
LEVELS BY	W. ALVEY	DATE: 8-28-06
LEVELS TRANSF. BY	G. LANGE	DATE: 8-28-06
DESIGNED BY	S. WAGNER	DATE: 8-28-06
GRADES TRANSF. BY	D. BEKELE	DATE: 9-11-06
CHECKED BY	D. Ulbrich	DATE: 1/24/13
APPROVED BY	[signature]	DATE: 1/22/13

FILE: V:\PWELIB\PAVING\28703.FIN
PLOT DATE: 28-JAN-2013

PROJECT NO. ST211070128 | SHEET 2 OF 2
SCALE 1" = 10' | 1/4 SEC. 556 | ALD. DIST. 11
OBSTRUCTIONS - SEE OBSTRUCTION LIST
REVISED: UPDATED 9/04/12 WALCZAK
REVISED: ADD 5' W WALK 1-7-13 WALCZAK
REVISED:

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

DATE / TO	1/30/13	7-24-13
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. Sewers	1	
MEASURING		1
FIELD		
DISTRICT FILE	3	
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	
TrafficEng Rm 506	1	15
PLAN SIZE	12" X 112"	



EROSION CONTROL AND C.B. REQUISITION PLAN
TYPE M | ☒ - CBW | ☐ - RESET | X - ABANDON | ☒ NO WORK
THIS SHEET | 4 | 0 | 2 | 0

S. 58 TH ST. - W. FOREST HOME AVE. TO W. MORGAN AVE.
W. WARNIMONT AVE. TO W. MORGAN AVE.
ST211070128
28703 12" X 112"
(2 OF 2)