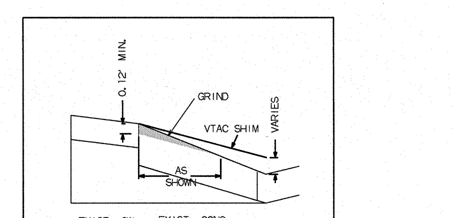


TYPICAL SECTION
ASPHALT SHIM ON DRIVEWAYS

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.
- ANY TREE TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED "SAN". (SANITARY)
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MINIMUM COVER AT FLANGES, 0.17' MIN AT BUTT JOINTS, 0.21' MINIMUM ELSEWHERE.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.06' CROWN IN EACH PASS, REDUCING THROUGH THE INTERSECTION AS SHOWN.
- REMOVE ALL ASPHALT PATCHES WITHIN LIMITS OF CONSTRUCTION.
- GRADE & PLACE 1.5' WIDTH SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS DIRECTED. OTHERWISE.
- CONST NEW 5" WALK @0.02'/FT

CONDITION OF CONCRETE

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

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	CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	6" CONC. BASE	S.Y.						
X	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.						
	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	REPAIR PAV'T JOINTS & CRACKS	L.F.						800
X	CRACK & SEAT	S.Y.						

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

FILE NO. 842

PLAN OF: S. 58 TH ST. (3400S)(5800W)

W. MORGAN AVE. TO A PT. NORTH OF W. OHIO AVE.

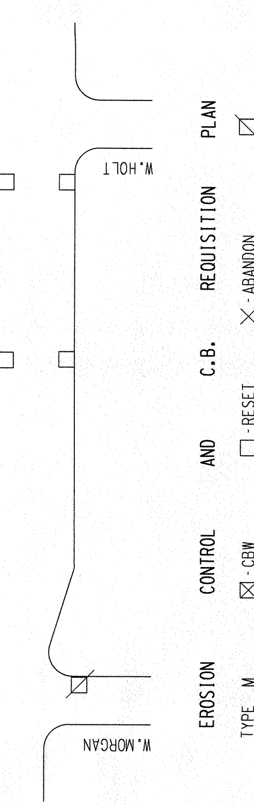
THIS SECTION: W. MORGAN AVE. TO W. HOLT AVE.

DRAWN BY	M.VOJVODICH	DATE: 6-22-06	PROJECT NO. ST211070129	
DESCRIPTIONS BY	M.VOJVODICH	DATE: 6-22-06		SHEET 1 OF 3
LEVELS BY	W. ALVEY	DATE: 08-28-06	SCALE / 1"=10'	1/4 SEC. 530 / ALD.DIST. 11
LEVELS TRANSF. BY	G. LANGE	DATE: 08-28-06		
DESIGNED BY	S. WAGNER	DATE: 9-26-06	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	D.BEKELE	DATE: 10-11-06	REVISED: UPDT REM'S 9/5/12 WALCZAK	
CHECKED BY	D. Ulatowski	DATE: 2/6/13	REVISED:	
APPROVED BY	[signature]	DATE: 2/6/13	REVISED:	

FILE: V:\PWELIB\PAVING\28704.FIN
PLOT DATE: 04-FEB-2013

PROJECT TOTAL

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 14	ABANDON- 0
PROJECT IN (SEPARATED) AREA		

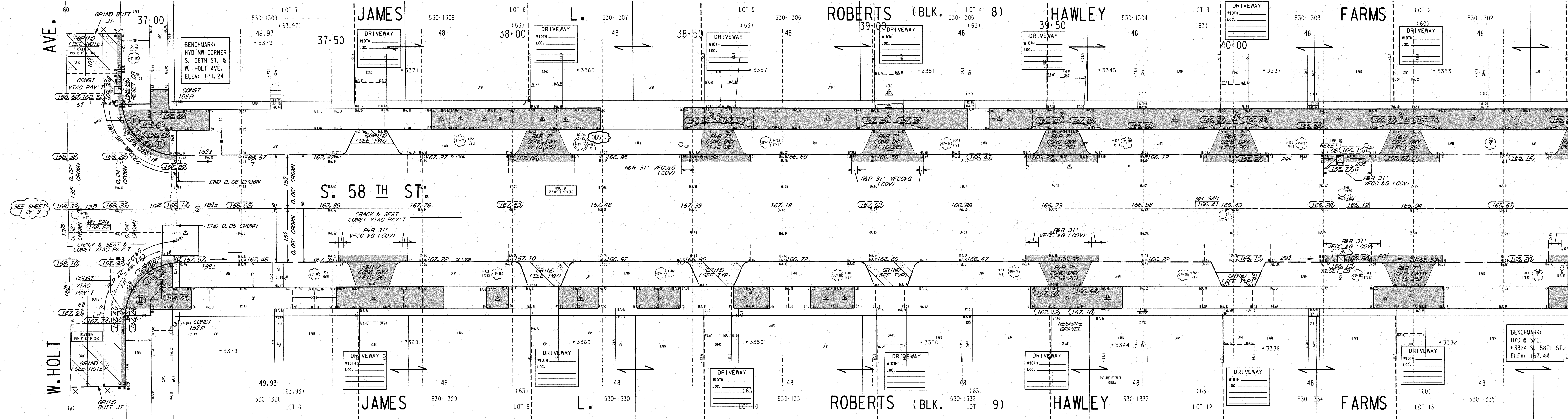


TO / DATE	8/7/13	4-24-13
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. Sewers	1	
MEASURING		1
FIELD		1
DISTRICT FILE	2	
FORESTRY	1	
W.E. / G.O.		
WIS. GAS CO.	1	
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.		
WATER DIST.	1	
WEPCO N/S		
WEPCO S/S	1	
SEWER SERVICES		
UTILITY COOR.	1	
Traffic Eng'l Rm 506	15	
PLAN SIZE	12" X 113'	

EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒-CBW	☐-RESET	X-ABANDON	
THIS SHEET	8	0	6	0	NO WORK
ENTIRE PROJECT	22	0	14	0	NO WORK

S. 58 TH ST. - W. MORGAN AVE. TO A PT. NORTH OF W. OHIO AVE.
W. MORGAN AVE. TO W. HOLT AVE.
(1 OF 3) 28704 12" X 113" ST211070129



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
- EP EXCESSIVE PITCH

FILE NO. 843

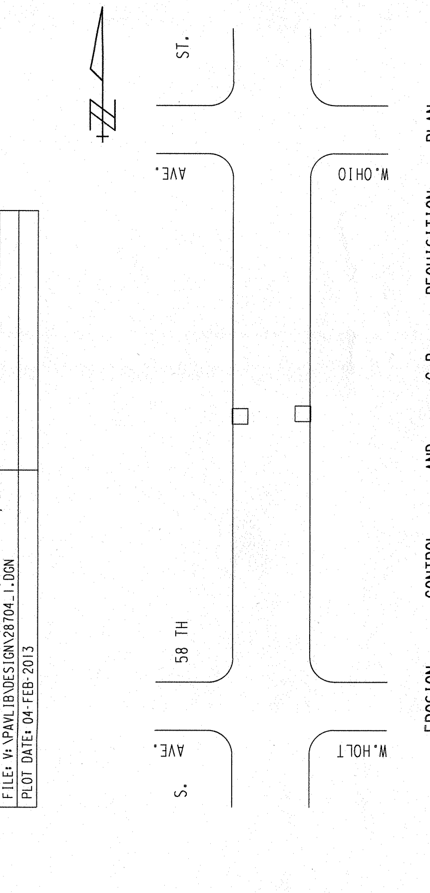
DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

PLAN OF: S. 58 TH ST. (3300S)(5800W)
W. MORGAN AVE. TO A PT. NORTH OF W. OHIO AVE.
THIS SECTION: W. HOLT AVE. TO W. OHIO AVE.

DRAWN BY	M. VOJVODICH	DATE: 6-22-06	PROJECT NO. ST211070129
DESCRIPTIONS BY	M. VOJVODICH	DATE: 6-22-06	SHEET 2 OF 3
LEVELS BY	W. ALVEY	DATE: 08-28-06	1/4 SEC. 530 / ALD. DIST. 11
LEVELS TRANSF. BY	G. LANGE	DATE: 08-28-06	SCALE 1"=10'
DESIGNED BY	S. WAGNER	DATE: 9-26-06	OBSTRUCTIONS SEE OBSTRUCTION LIST
GRADES TRANSF. BY	D. BEKELE	DATE: 10-11-06	REVISED: UPDT REM'S 9/5/12 WALCZAK
CHECKED BY		DATE: 2/4/13	REVISED:
APPROVED BY		DATE: 2/4/13	REVISED:
FILE: V:\PAVE\LIB\DESIGN\2870\4.1.DGN			
PLOT DATE: 04-FEB-2013			

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

DATE	TO
ESTIMATING	
HOLLOW WALKS	
PUBLIC HEATING	
CONSTRUCTION	6
SEWER	
WATER	
STREET LIGHTING	
BLDG.	Sewers
MEASURING	
FIELD	
DISTRICT FILE	2
FORESTRY	
W.E. / G.O.	
WIS. GAS CO.	
TRANSIT SYSTEM	
CABLE TV	
UND. GRD. COND.	
WATER DIST.	
MEPCO N/S	
MEPCO SERVICES	
UTILITY COOR.	
PLAN SIZE	12" X 109"



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

ST211070129 S. 58 TH ST. - W. MORGAN AVE. TO A PT. NORTH OF W. OHIO AVE.

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
EP	EXCESSIVE PITCH

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

FILE NO. 844

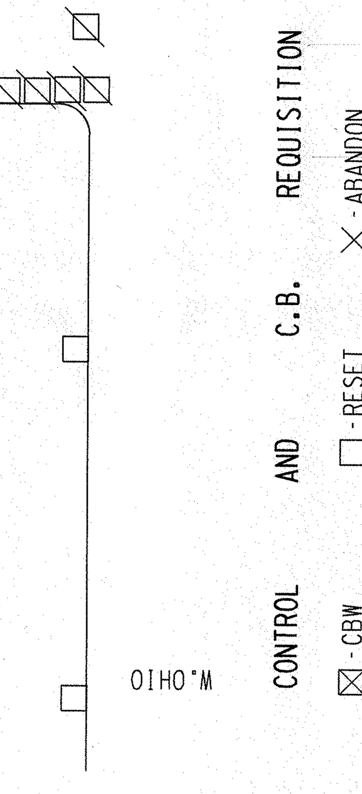
PLAN OF: S. 58 TH ST. (3200S)(5800W)

W. MORGAN AVE. TO A PT. NORTH OF W. OHIO AVE.

THIS SECTION: W. OHIO AVE. TO A PT. NORTH OF W. OHIO AVE.

DRAWN BY	M. VOJVODICH	DATE: 6-22-06	PROJECT NO.		
DESCRIPTIONS BY	M. VOJVODICH	DATE: 6-22-06	ST211070129	SHEET 3 OF 3	
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'	530	11
DESIGNED BY	S. WAGNER	DATE: 9-26-06	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	D. BEKELE	DATE: 10-11-06	REVISED: UPDT REM'S 9/5/12 WALCZAK		
CHECKED BY	D. Ulatowski	DATE: 2/6/13	REVISED:		
APPROVED BY	[signature]	DATE: 2/6/13	REVISED:		
FILE: V:\PWELIB\PAVING\28704.FIN					
PLOT DATE: 04-FEB-2013					

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



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON	
THIS SHEET	12	0	6	0	NO WORK

PLAN SIZE 12' X 70'

S. 58 TH ST. - W. MORGAN AVE. TO A PT. NORTH OF W. OHIO AVE. (3 OF 3)

W. OHIO AVE. TO A PT. NORTH OF W. OHIO AVE. ST211070129 12" X 70" 28704 #844