

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	43	1
		ILLINOIS	CONTRACT NO. 60V43	

FOR INDEX OF SHEETS, SEE SHEET NO.

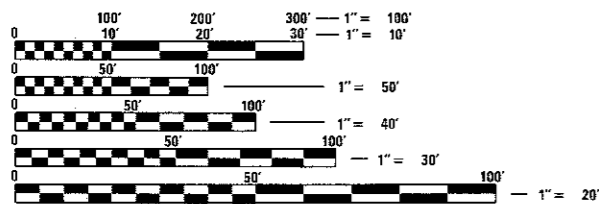
PROPOSED HIGHWAY PLANS

F.A.U. ROUTE 0313: US 52 (MCDONOUGH ST.)
WEST PARK AVE TO RAILROAD ST.
SECTION: 2012-051RS
RESURFACING (3P), PEDESTRIAN RAMPS
WILL COUNTY
PROJECT STP=0313(009)
C-91-567-12
R10E

PROJECT LOCATED IN THE CITY
OF JOLIET

TRAFFIC DATA:
MINOR ARTERIAL
2011 ADT: 7050
SPEED LIMIT: 30 MPH
S.U. = 3.85% M.U. = 1.42%

IMPROVEMENT BEGINS
STATION 00+00

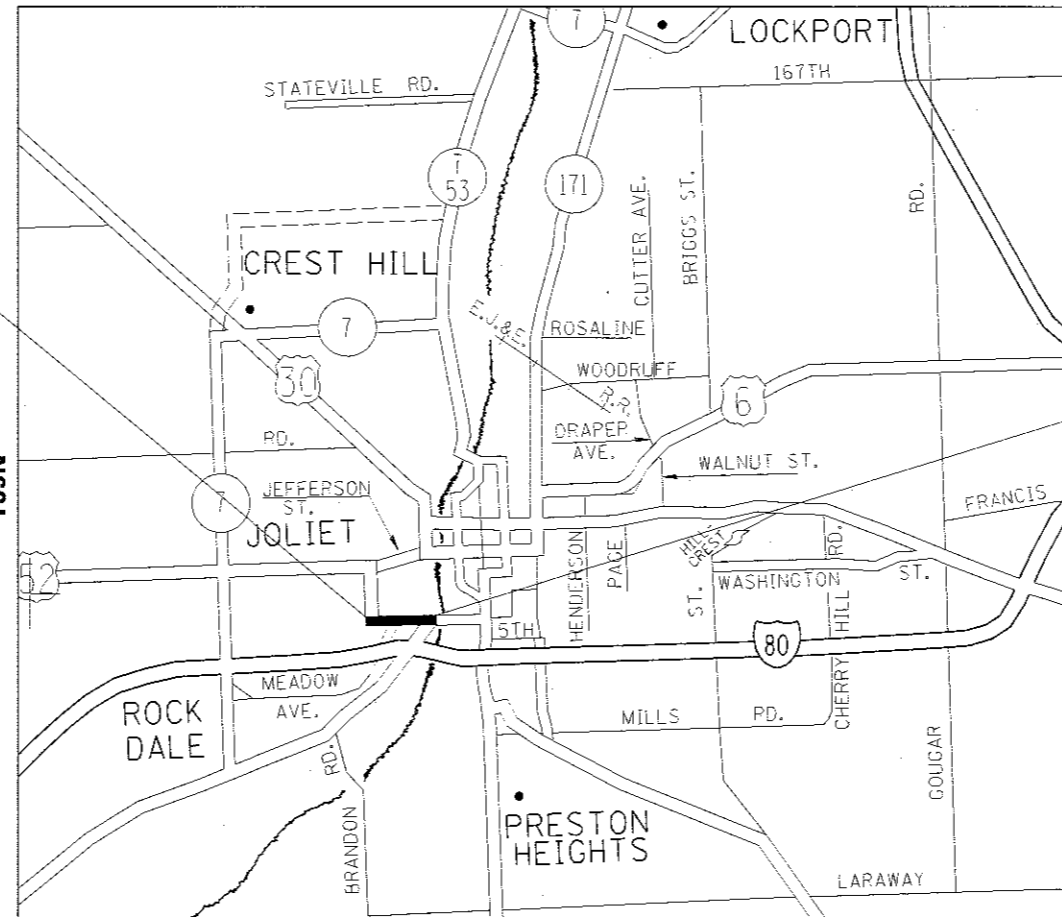


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

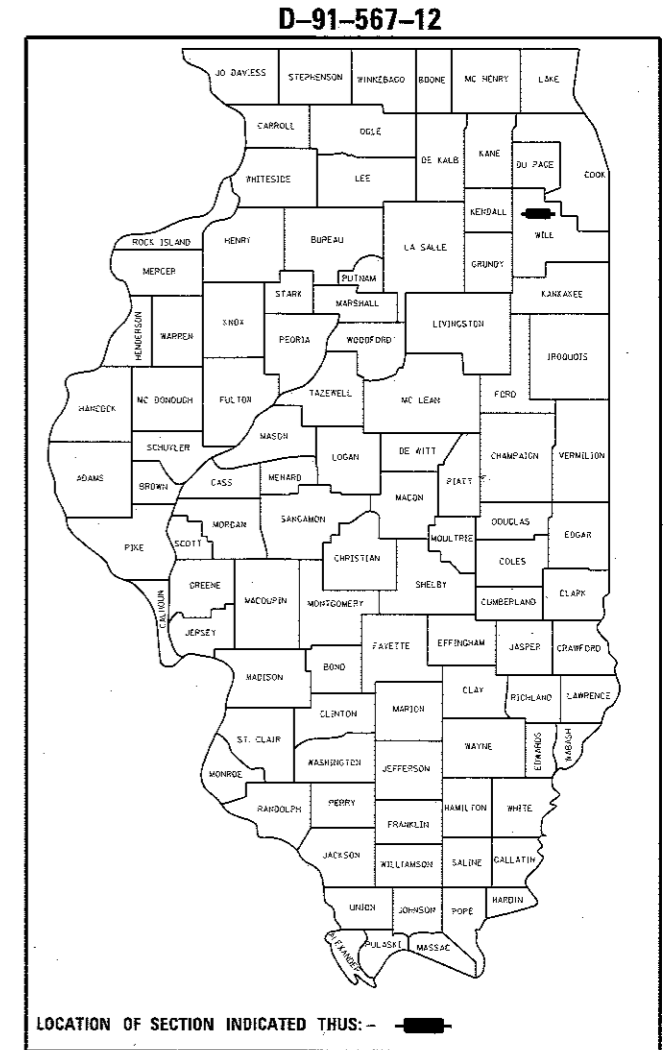
PROJECT ENGINEER ALAIN MIDY (847) 221-3056
PROJECT MANAGER ISSAM RAYYAN (847) 705-4178

CONTRACT NO. 60V43



JOLIET TOWNSHIP

GROSS LENGTH = 2810.1 FT. = 0.532 MILE
NET LENGTH = 2810.1 FT. = 0.532 MILE



IMPROVEMENT BEGINS
STATION 28+10.1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *May 4* 20 *17*
Anthony J. [Signature]
REGIONAL ENGINEER

June 30 20 *17*
Muhammad M. Addis, PE
ENGINEER OF DESIGN AND ENVIRONMENT

June 30 20 *17*
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80120 (Fed/STATE) ROADWAY 0005			
20200100	EARTH EXCAVATION	CU YD	75	75			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	275	275			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	4	4			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	4	4			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	4	4			
25200110	SODDING, SALT TOLERANT	SQ. YD	328	328			
25200200	SUPPLEMENTAL WATERING	UNIT	3.2	3.2			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7569	7569			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	17	17			
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	463	463			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	244	244			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	942	942			
42001300	PROTECTIVE COAT	SQ YD	1132	1132			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80120 (Fed/STATE) ROADWAY 0005			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	4288	4288			
42400800	DETECTABLE WARNINGS	SQ FT	486	486			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	11214	11214			
44000600	SIDEWALK REMOVAL	SQ FT	4228	4228			
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	12	12			
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	148	148			
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	33	33			
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	58	58			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	11	11			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	18	18			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3	3			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	38	38			
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3			

* Specialty Items

FILE NAME =	USER NAME = abebwa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE. 52 (McDONOUGH ST.) - W PARK AVE. TO RAILROAD ST. SUMMARY OF QUANTITIES	F.A.U. RTE. 0313	SECTION 2012-051RS	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 3
PLOT SCALE = 100,000 1" = 1m		CHECKED -	REVISED -			CONTRACT NO. 60V43				
PLOT DATE = 5/3/2017		DATE -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REV

URBAN

URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80/20 (Fed/STATE) ROADWAY 0005			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6			
67100100	MOBILIZATION	LSUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1702	1702			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SD FT	563	563			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SD FT	134	134			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	5426	5426			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1304	1304			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	60	60			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	212	212			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	2027	2027			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80/20 (Fed/STATE) ROADWAY 0005			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	134	134			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5426	5426			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1304	1304			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	60	60			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	212	212			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	6	6			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	6	6			
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	608	608			
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1			
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	700	700			
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	21	21			
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	3595	3595			

* Specialty Items

FILE NAME =	USER NAME = alobara	DESIGNED -	REVISED -
D:\NVL\BID\INT EG\Illinois\pwr\DOT Documents\DOT Office\District 1\Projects\0156712\CADD\Design\0156712-01\PLAN\			
PLOT SCALE = 1000000 / 1in	CHECKED -	REVISED -	REVISED -
PLOT DATE = 5/31/2017	DATE -	REVISED -	REVISED -

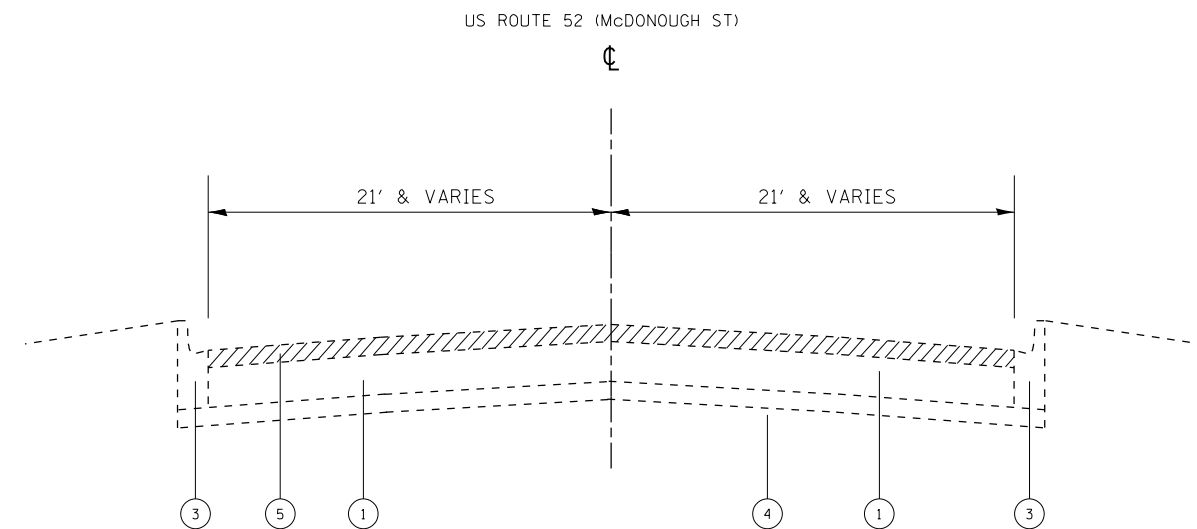
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

U.S. RTE. 52 (McDONOUGH ST.) - W PARK AVE. TO RAILROAD ST. SUMMARY OF QUANTITIES

F.A.U. RTE. 0313	SECTION 2012-051RS	COUNTY WILL	TOTAL SHEETS 45	SHEET NO. 4
CONTRACT NO. 60V43			FED. ROAD DIST. NO. J ILLINOIS FED. AID PROJECT	

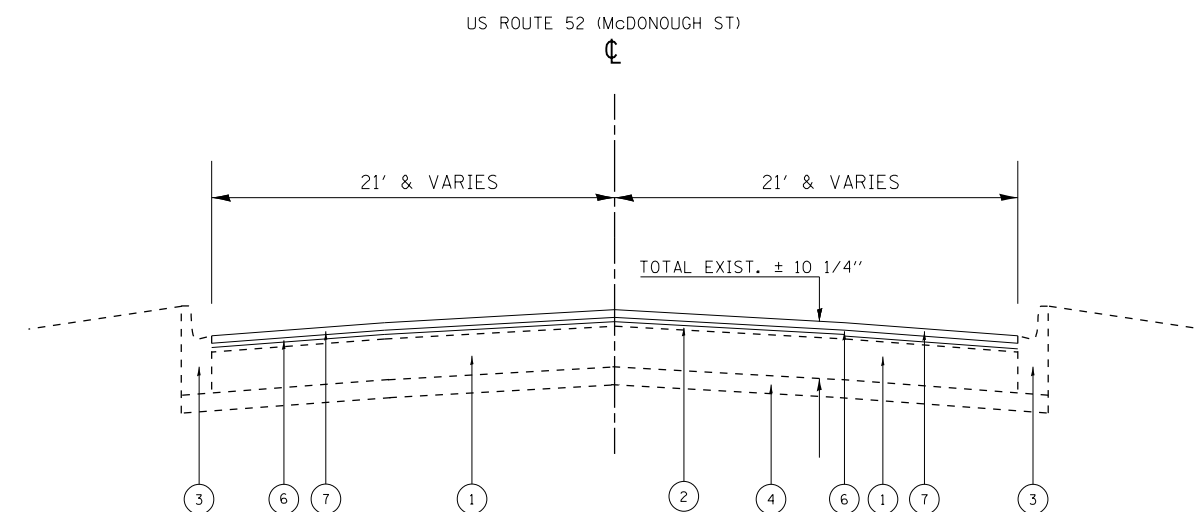
NON-PARTICIPATING

REV



EXISTING TYPICAL SECTION

STA. 00+54.0 TO STA. 28+10.1



PROPOSED TYPICAL SECTION

STA. 00+54.0 TO STA. 28+10.1

LEGEND

- ① EXIST. HMA PAVEMENT ± 10 1/4"
- ② EXIST. HOT-MIX ASPHALT PAVEMENT AFTER MILLING ± 8"
- ③ EXIST. CURB AND COMB. CONC. CURB AND GUTTER
- ④ EXIST. SUBBASE GRANULAR MATERIAL
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- ⑥ PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑦ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"

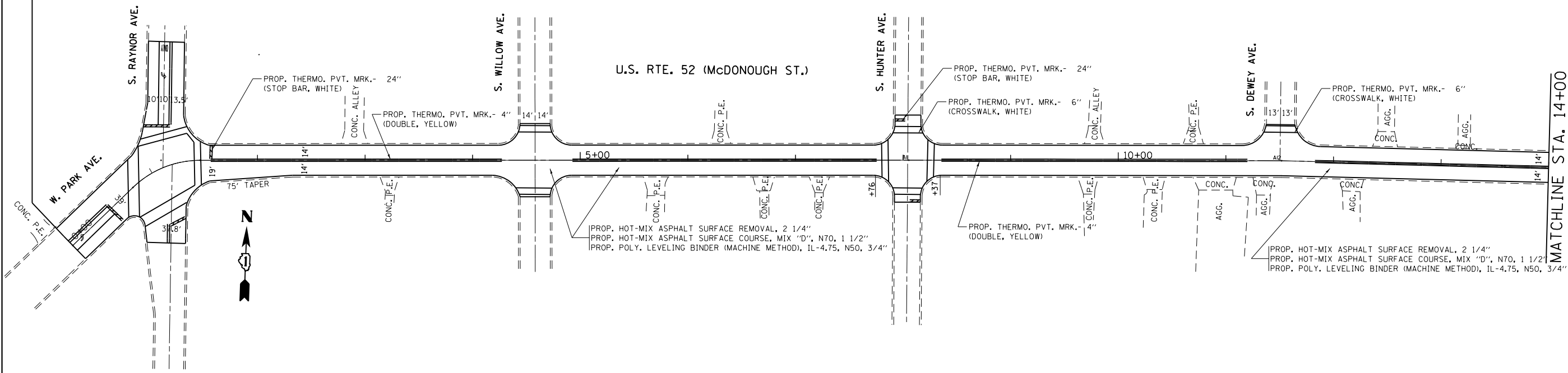
MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES	VOIDS © Ndes	
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% AT 70 GYR.	QC/QA
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19.0 mm)	4% AT 70 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)		

NOTE:

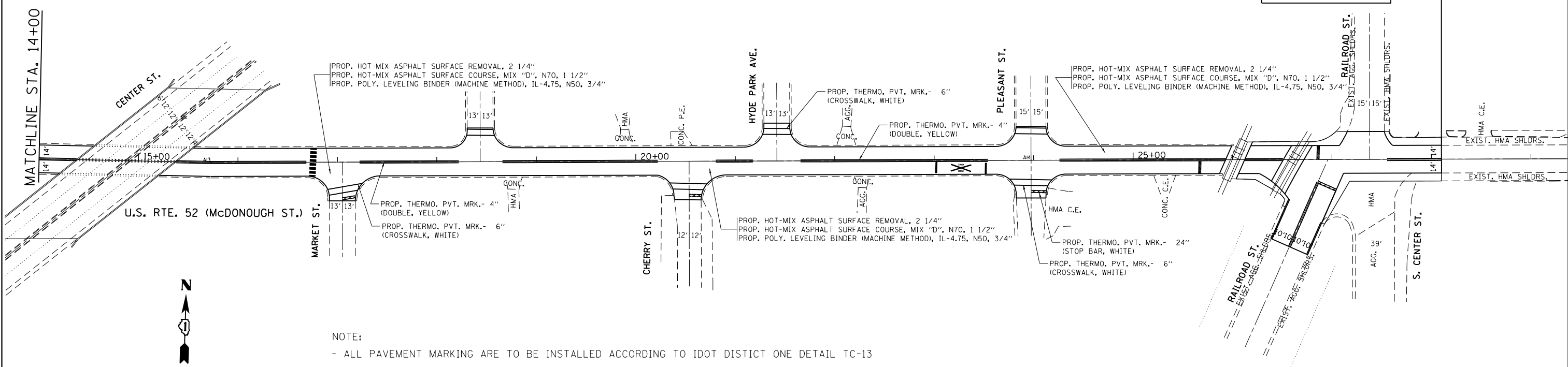
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

THE CONTRACTOR SHALL MILL FIRST THEN PATCH

**IMPROVEMENT BEGINS
STA 00+00**



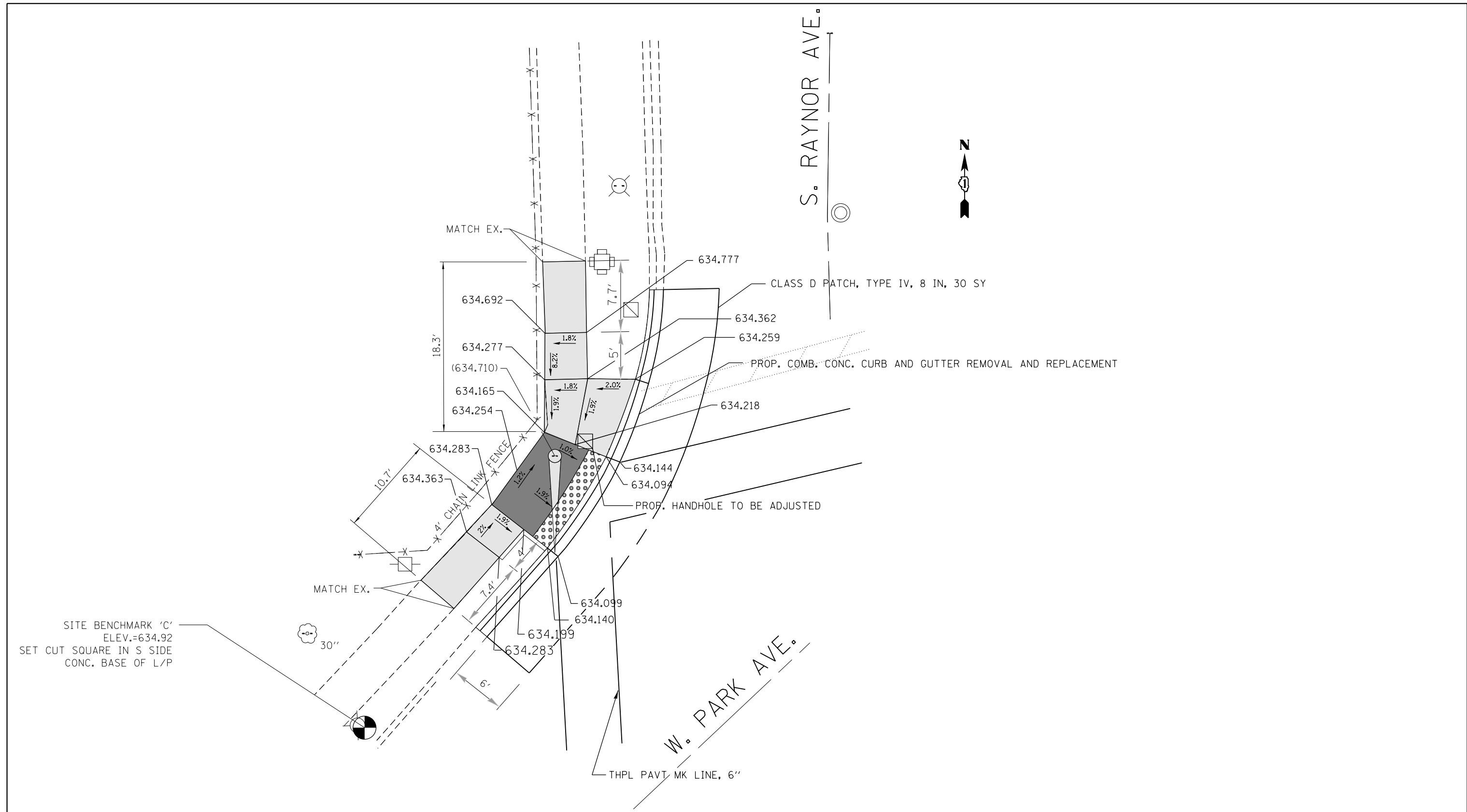
**IMPROVEMENT ENDS
STA 28+10.1**



NOTE:
 - ALL PAVEMENT MARKING ARE TO BE INSTALLED ACCORDING TO IDOT DISTICT ONE DETAIL TC-13
 - ALL RRPM ARE TO BE INSTALLED ACCORDING TO IDOT DISTICT ONE DETAIL TC-11

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE. 52 (McDONOUGH ST.) WEST PARK AVE. TO RAILROAD ST.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI56712\Design\DI56712-sht-plan.dgn		CHECKED -	REVISED -			0313	2012-051RS	WILL	45	7
Default		DATE -	REVISED -			CONTRACT NO. 60V43				
						ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 01+47.8 TO STA. 28+10.1



SITE BENCHMARK 'C'
ELEV.=634.92
SET CUT SQUARE IN S SIDE
CONC. BASE OF L/P

REFERENCE BENCHMARK ELEV = 634.92
BENCHMARK : "X" CUT IN S SIDE CONC. BASE OF L/P
LOCATION : ± 40 FT. SW ON W. PARK AVE.

LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
==	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV = 634.92
BENCHMARK : "X" CUT IN S SIDE CONC. BASE OF L/P
LOCATION : ± 40 FT. SW OF S. RAYNOR AVE.

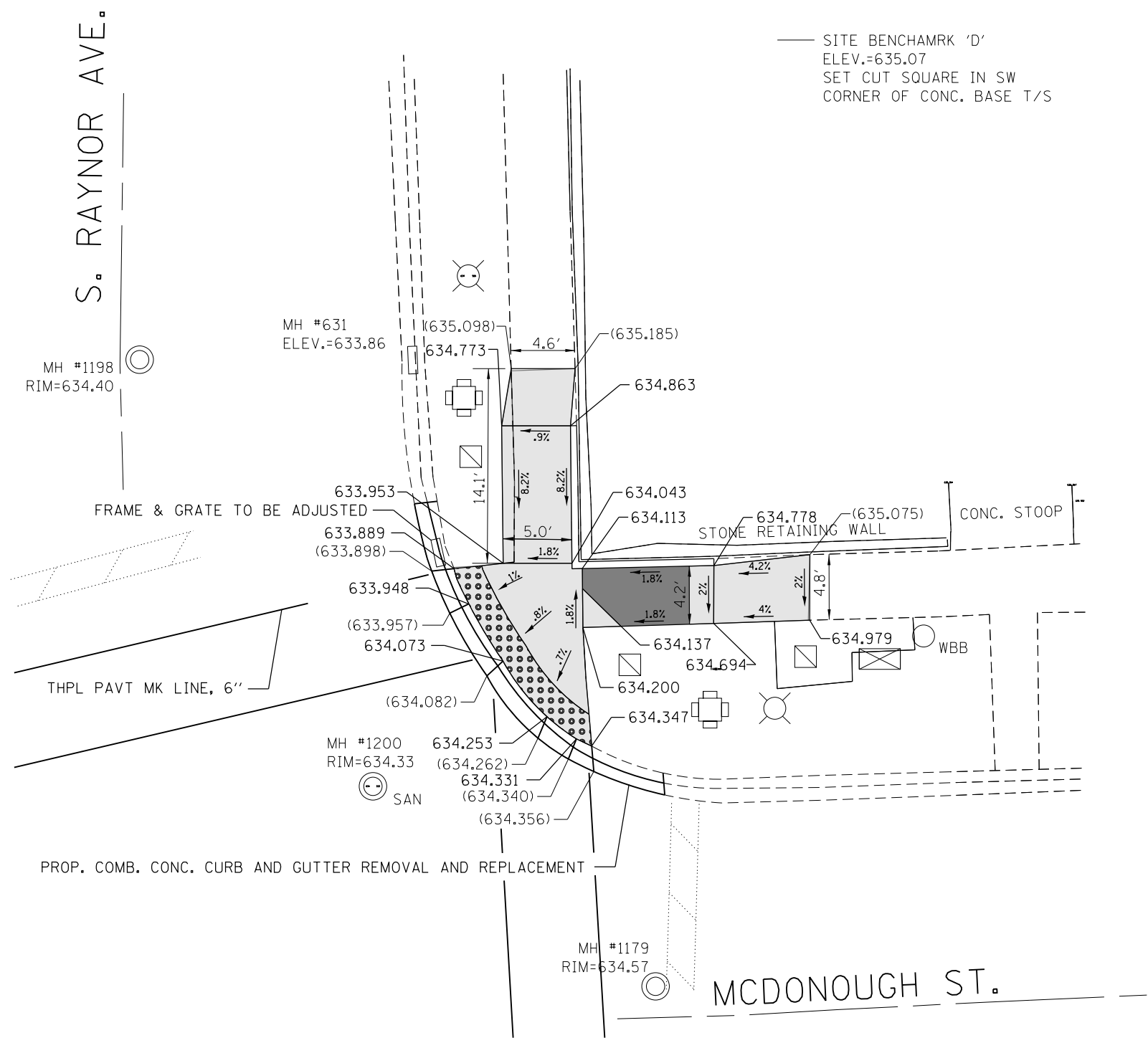
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

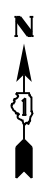
**SIDEWALK DETAIL A (N.W. CORNER)
U.S. RTE. 52 (McDONOUGH ST.) AT WEST PARK AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	8
CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	



— SITE BENCHMARK 'D'
 ELEV.=635.07
 SET CUT SQUARE IN SW
 CORNER OF CONC. BASE T/S

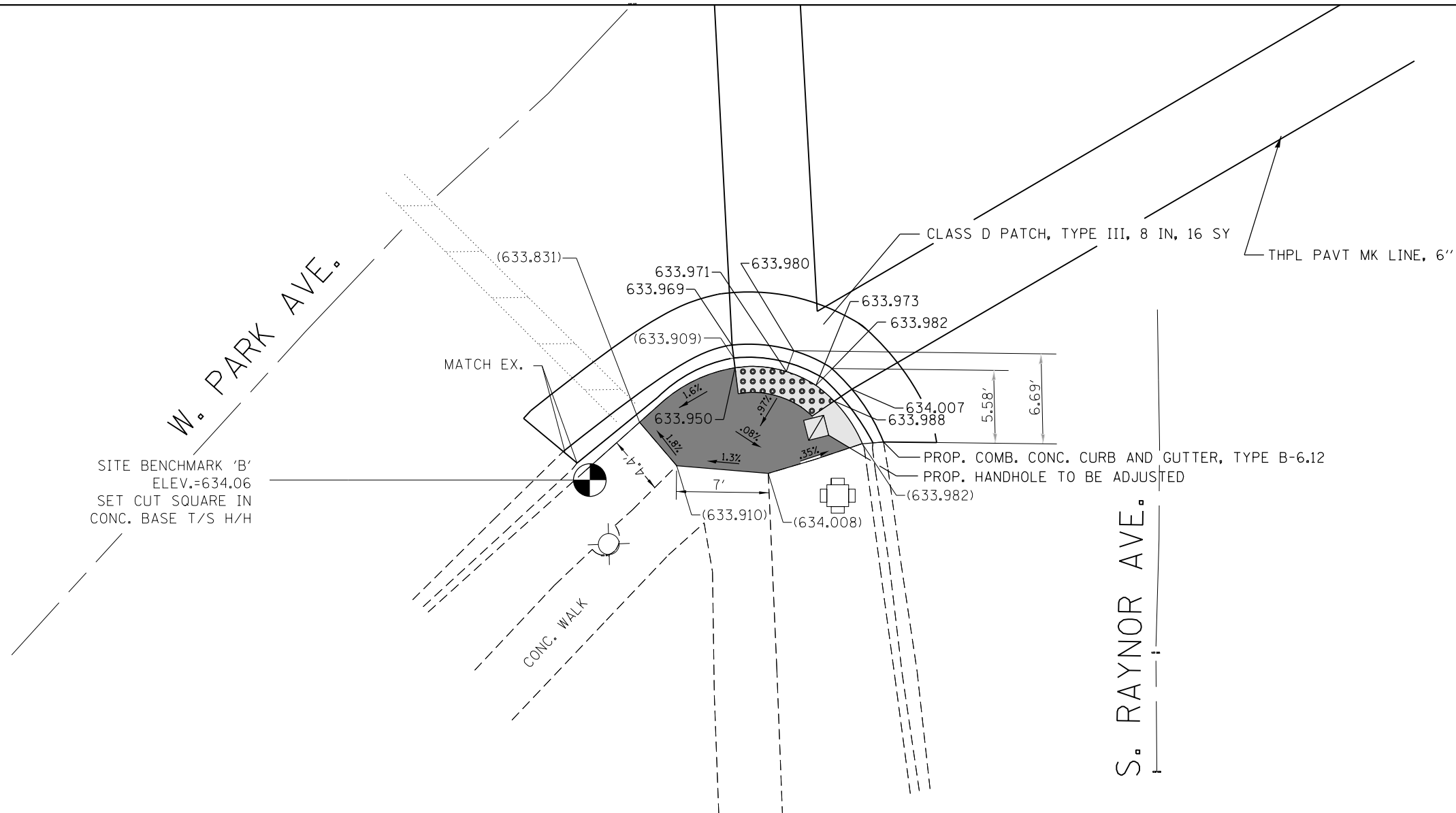


REFERENCE BENCHMARK ELEV.= 635.07
 BENCHMARK : "X" CUT IN SW CORNER OF CONC. BASE T/S
 LOCATION : ± 49 FT NE CORNER ON S. RAYNOR AVE.

LEGEND	
xx.xx'	EXISTING LENGTH
====	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 635.07
 BENCHMARK : "X" CUT IN SW CORNER OF CONC. BASE T/S
 LOCATION : ± 49 FT NE CORNER ON S. RAYNOR AVE.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (N.E. CORNER) U.S. RTE. 52 (McDONOUGH ST.) AT WEST PARK AVE.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI5670\Drawings\Design\DI56712-sht-plan.dgn	DRWN	CHECKED -	REVISED -			0313	2012-051RS	WILL	45	9	
Default	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -			CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 5/3/2017					SCALE:	SHEET	OF	SHEETS	STA.	TO



REFERENCE BENCHMARK ELEV.= 634.06
 BENCHMARK : "X" CUT IN CONC. BASE T/S H/H
 LOCATION : ± 74 FT. SE ON W. PARK AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 634.06
 BENCHMARK : "X" CUT IN CONC. BASE T/S H/H
 LOCATION : ± 74 FT. SE ON W. PARK AVE.

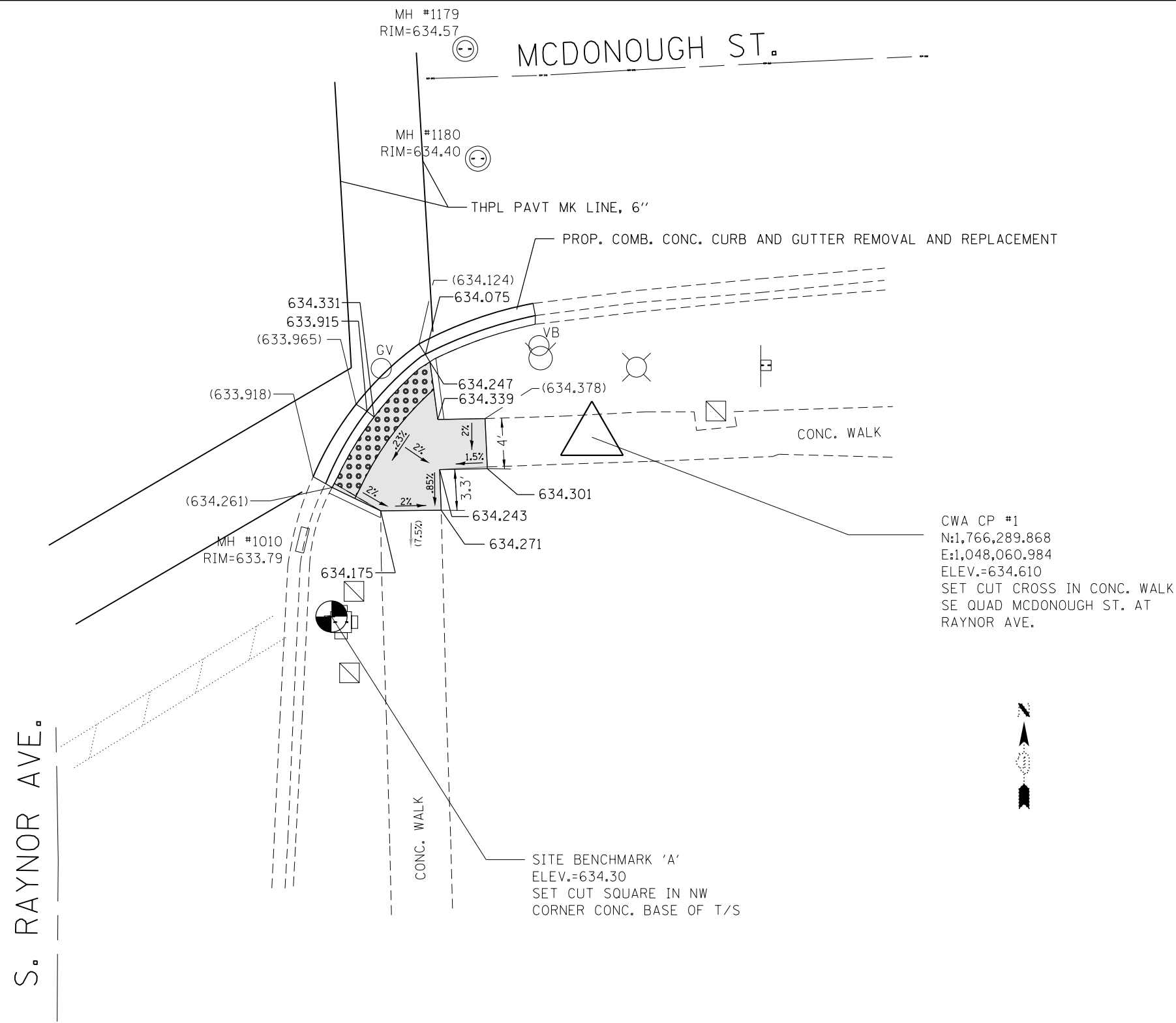
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Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL A (S.W. CORNER)
 U.S. RTE. 52 (McDONOUGH ST.) AT WEST PARK AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	10
CONTRACT NO. 60V43				
ILLINOIS FED. AID PROJECT				



CWA CP #1
 N:1,766,289.868
 E:1,048,060.984
 ELEV.=634.610
 SET CUT CROSS IN CONC. WALK
 SE QUAD MCDONOUGH ST. AT
 RAYNOR AVE.

SITE BENCHMARK 'A'
 ELEV.=634.30
 SET CUT SQUARE IN NW
 CORNER CONC. BASE OF T/S



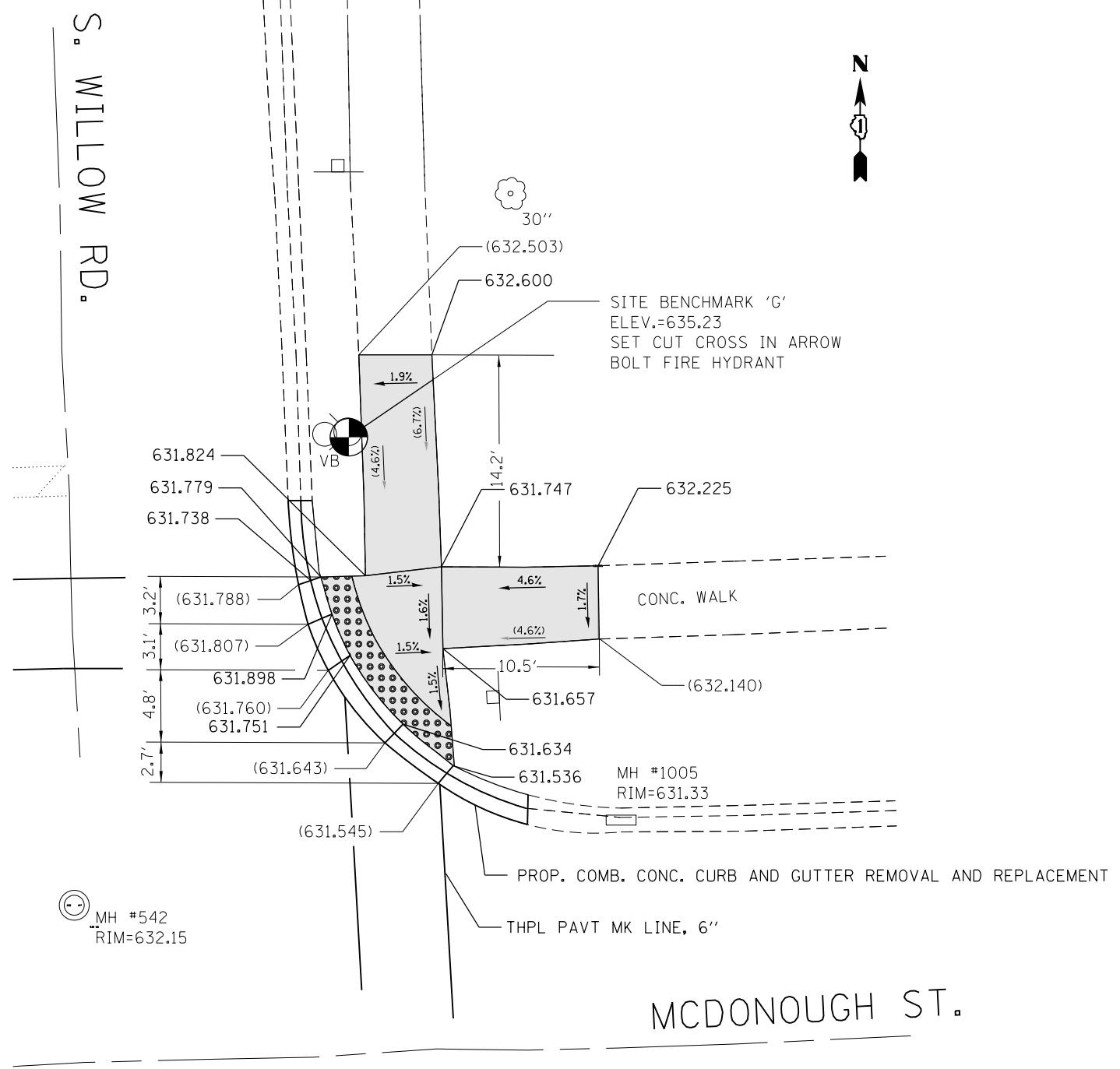
REFERENCE BENCHMARK ELEV. = 634.30
 BENCHMARK : "X" CUT IN NW CORNER CONC. BASE OF T/S
 LOCATION : ± 44FT SE ON S. RAYNOR AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- ===== PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- [Grey Box] PROPOSED SIDEWALK
- [Dotted Box] DETECTABLE WARNINGS
- [Cross-hatched Box] SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 634.610 - N: 1,766,289.868 E: 1,048,060.984
 BENCHMARK : "X" CUT IN CONC. WALK SE QUAD MCDONOUGH ST. AT RAYNOR AVE.
 LOCATION : ±45 FT. ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (S.E. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT WEST PARK AVE.				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI56712\Design\DI56712-sht-plan.dgn		CHECKED -	REVISED -		0313	2012-051RS	WILL	45	11				
Default	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 60V43				
	PLOT DATE = 5/3/2017				ILLINOIS FED. AID PROJECT								



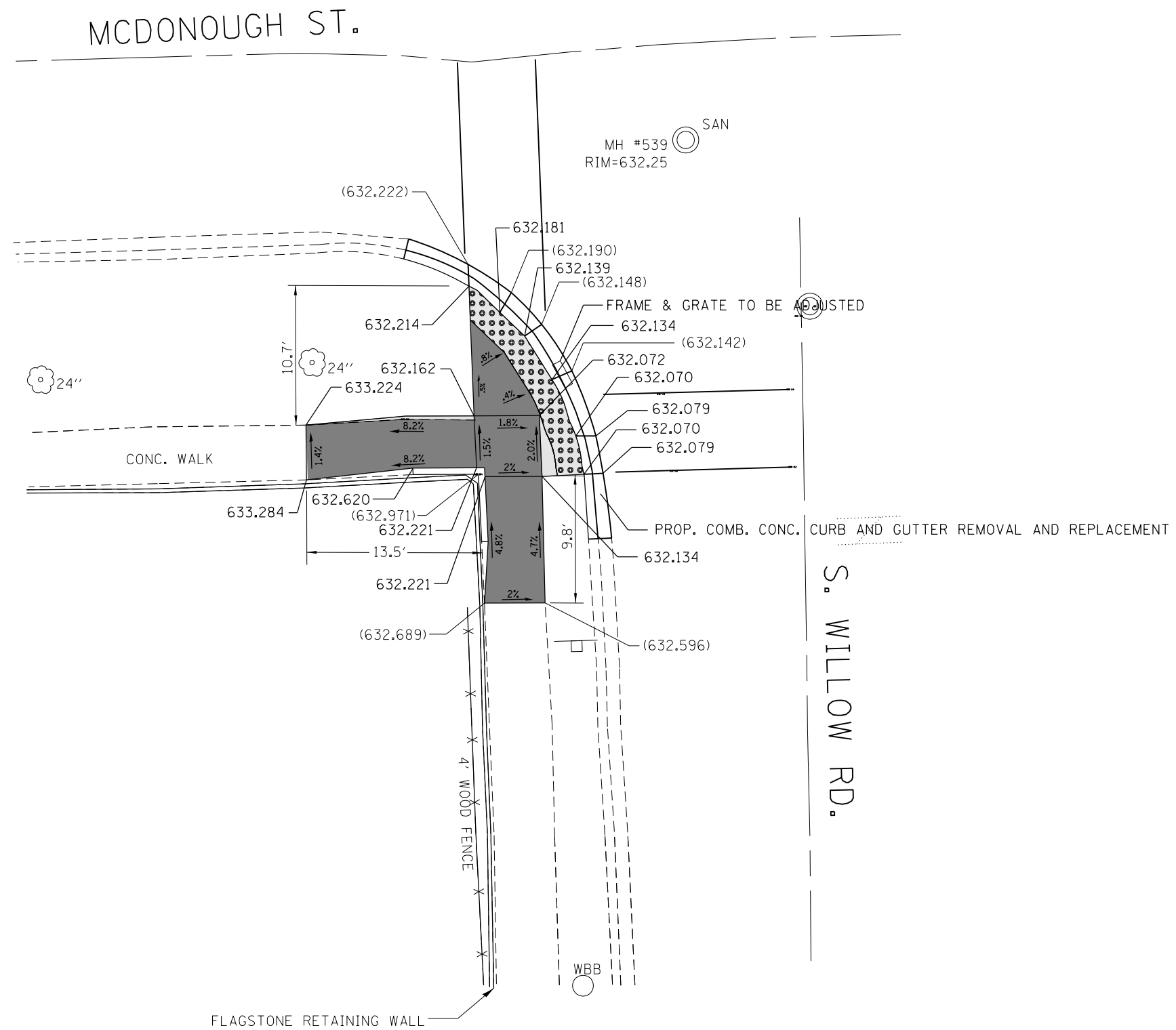
REFERENCE BENCHMARK ELEV.= 635.23
 BENCHMARK : "X" CUT IN ARROW BOLT FIRE HYDRANT
 LOCATION : ±42 N. OF McDONOUGH ST. ON S. WILLOW RD.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 635.23
 BENCHMARK : "X" CUT IN ARROW BOLT FIRE HYDRANT
 LOCATION : ±42 N. OF McDONOUGH ST. ON S. WILLOW RD.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDWALK DETAIL A (N.E. CORNER) U.S. RTE. 52 (McDONOUGH ST.) AT S. WILLOW RD.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -	REVISED -			0313	2012-051RS	WILL	45	13
PLOT DATE = 5/3/2017	DATE -	REVISED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		



REFERENCE BENCHMARK ELEV. 633.80
 BENCHMARK : "X" CUT IN END FLAGSTONE RETAINING WALL
 LOCATION : ± 33 FT. S. OF McDONOUGH ST. ON S. WILLOW RD.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 633.80
 BENCHMARK : "X" CUT IN END FLAGSTONE RETAINING WALL
 LOCATION : ± 33 FT. S. OF McDONOUGH ST. ON S. WILLOW RD.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -
	PLOT DATE = 5/3/2017		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

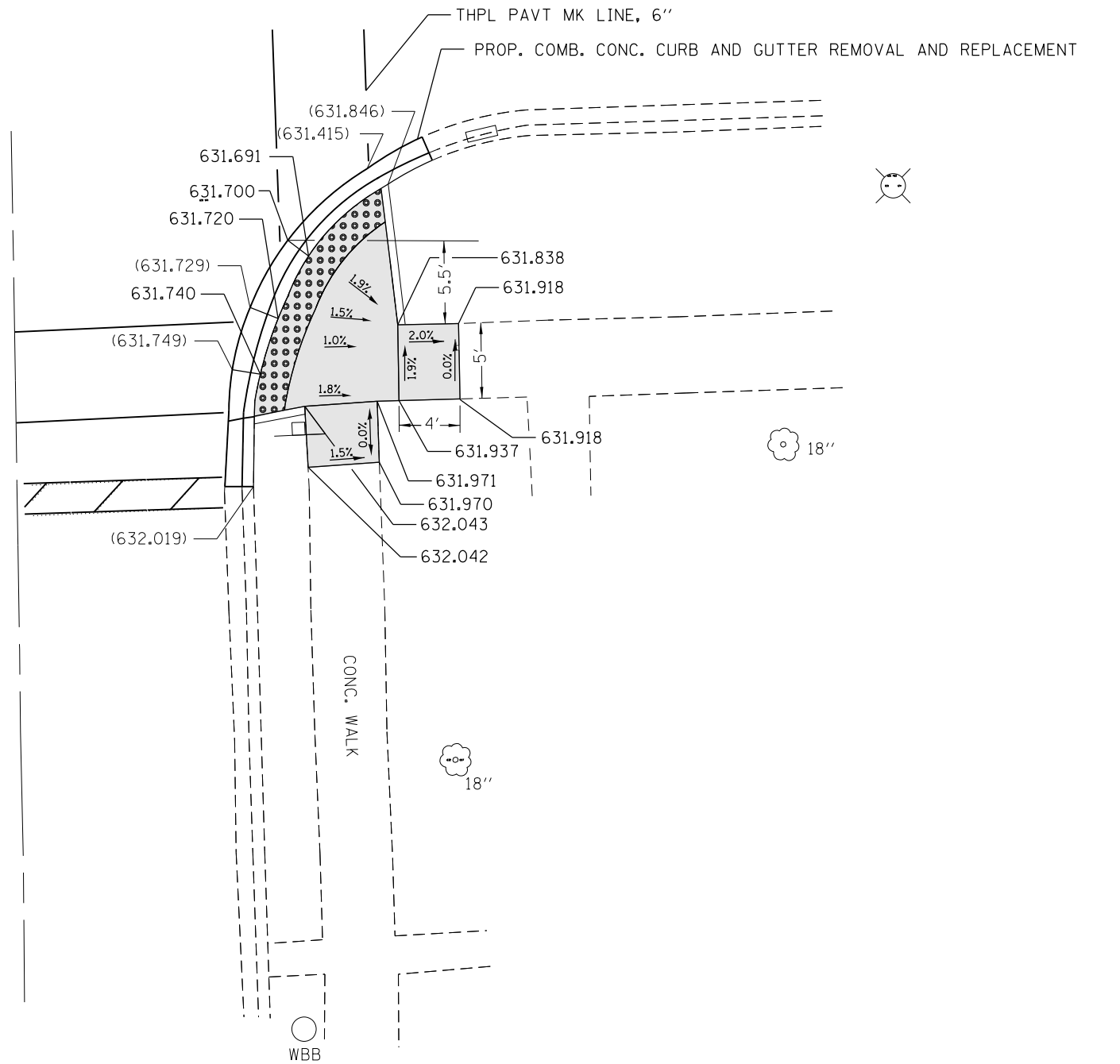
SIDEWALK DETAIL A (S.W. CORNER)
U.S. RTE. 52 (McDONOUGH ST.) AT S. WILLOW RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	14
CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	

MCDONOUGH ST.

S. WILLOW RD.



LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 631.48

BENCHMARK : "X" CUT IN N SIDE CONC. BASE OF LP

LOCATION : ±58 E OF S. WILLOW RD. ON MCDONOUGH ST.

REFERENCE BENCHMARK ELEV.= 631.930 N: 1,766,301.393 E: 1,048,393.275

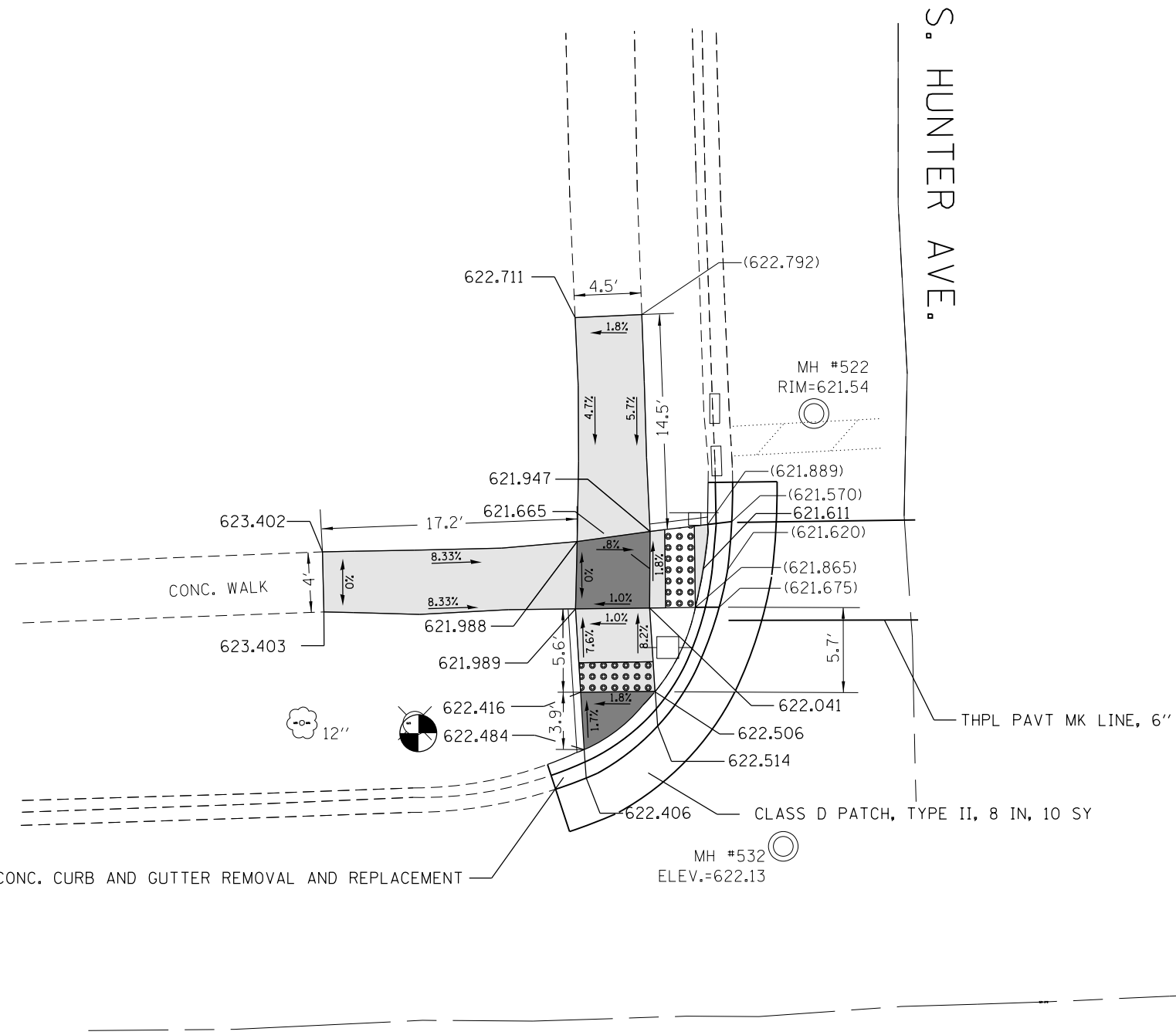
BENCHMARK : "X" CUT IN CONC. WALK SE QUAD MCDONOUGH ST. AT S. WILLOW RD.

LOCATION : ±36 E OF S. WILLOW RD. ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (S.E. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT S. WILLOW RD.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -	REVISED -			0313	2012-051RS	WILL	45	15
PLOT DATE = 5/3/2017	DATE -	REVISED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 60V43		

SITE BENCHMARK 'J'
ELEV.=623.53
SET CUT SQUARE S
SIDE CONC. BASE LP

PROP. COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT



REFERENCE BENCHMARK ELEV. 623.53
BENCHMARK : "X" CUT S SIDE CONC. BASE LP
LOCATION : ± 34 FT. W OF S. HUNTER AVE. ON MCDONOUGH ST.

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 623.53
BENCHMARK : "X" CUT S SIDE CONC. BASE LP
LOCATION : ± 34 FT. W OF S. HUNTER AVE. ON MCDONOUGH ST.

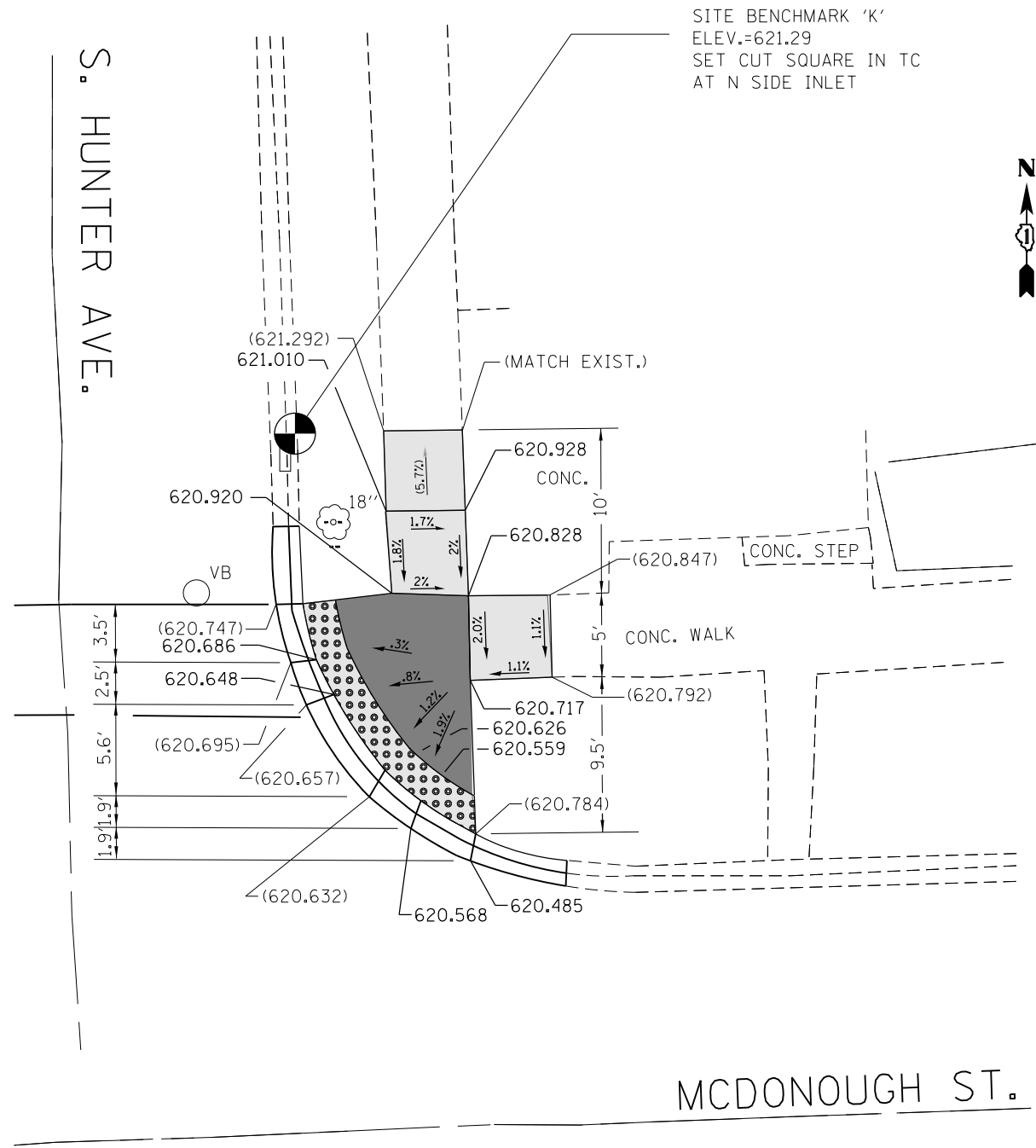
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL A (N.W. CORNER)
U.S. RTE. 52 (MCDONOUGH ST.) AT S. HUNTER AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	16
				CONTRACT NO. 60V43
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV. 621.29
BENCHMARK : "X" CUT IN TC AT N SIDE INLET
LOCATION : ± 43 FT. N OF MCDONOUGH ST. ON S. HUNTER AVE.

LEGEND

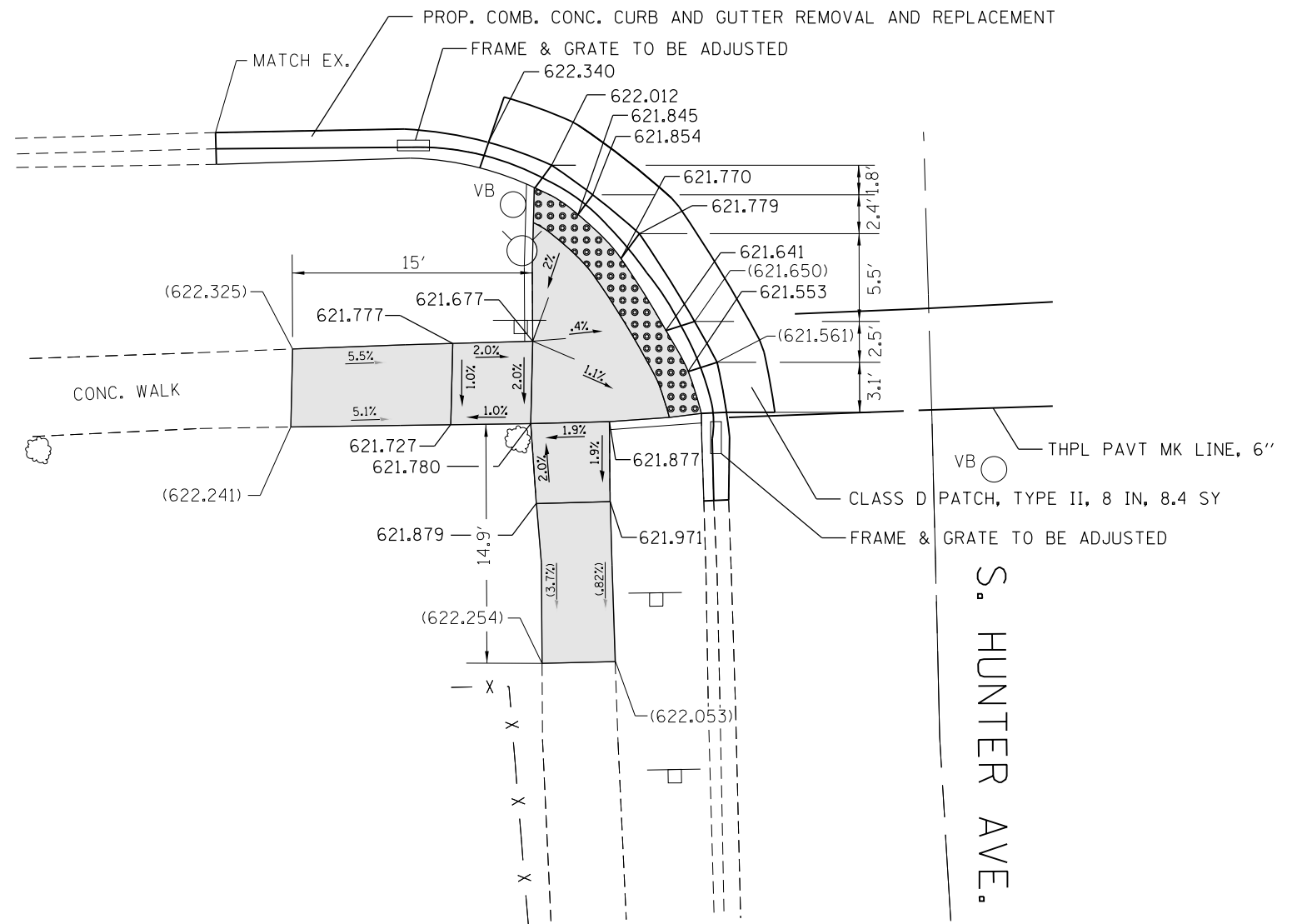
xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
====	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 621.29
BENCHMARK : "X" CUT IN TC AT N SIDE INLET
LOCATION : ± 43 FT. N OF MCDONOUGH ST. ON S. HUNTER AVE.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (N.E. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT S. HUNTER AVE..	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI5672\Drawings\Design\DI56712-sht-plan.dgn						0313	2012-051RS	WILL	45	17
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60V43		
	PLOT DATE = 5/3/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT						

MCDONOUGH ST.

MH #513
ELEV.=621.71



REFERENCE BENCHMARK ELEV. 625.32
 BENCHMARK : "X" CUT S IN ARROW BOLT OF FH
 LOCATION : ± 22 FT. S OF MCDONOUGH ST. ON S. HUNTER AVE.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 625.32
 BENCHMARK : "X" CUT S IN ARROW BOLT OF FH
 LOCATION : ± 22 FT. S OF MCDONOUGH ST. ON S. HUNTER AVE.

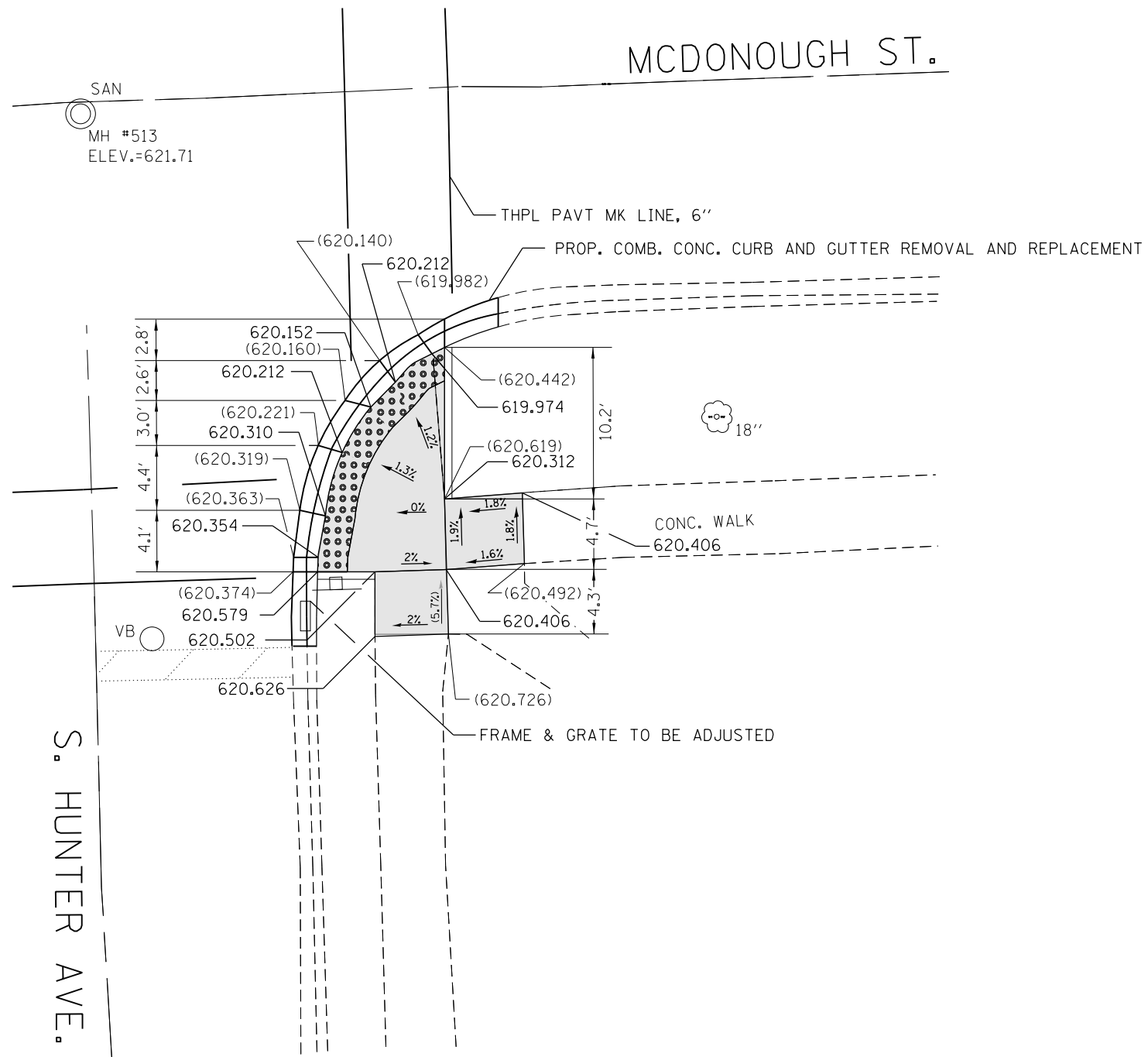
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Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL A (S.W. CORNER)
U.S. RTE. 52 (MCDONOUGH ST.) AT S. HUNTER AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	18
CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	



REFERENCE BENCHMARK ELEV. 620.75
 BENCHMARK : "X" CUT IN TC AT STOP BAR 2' S INLET
 LOCATION : ± 39 FT. S OF McDONOUGH ST. ON S. HUNTER AVE.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 620.75
 BENCHMARK : "X" CUT IN TC AT STOP BAR 2' S INLET
 LOCATION : ± 39 FT. S OF McDONOUGH ST. ON S. HUNTER AVE.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

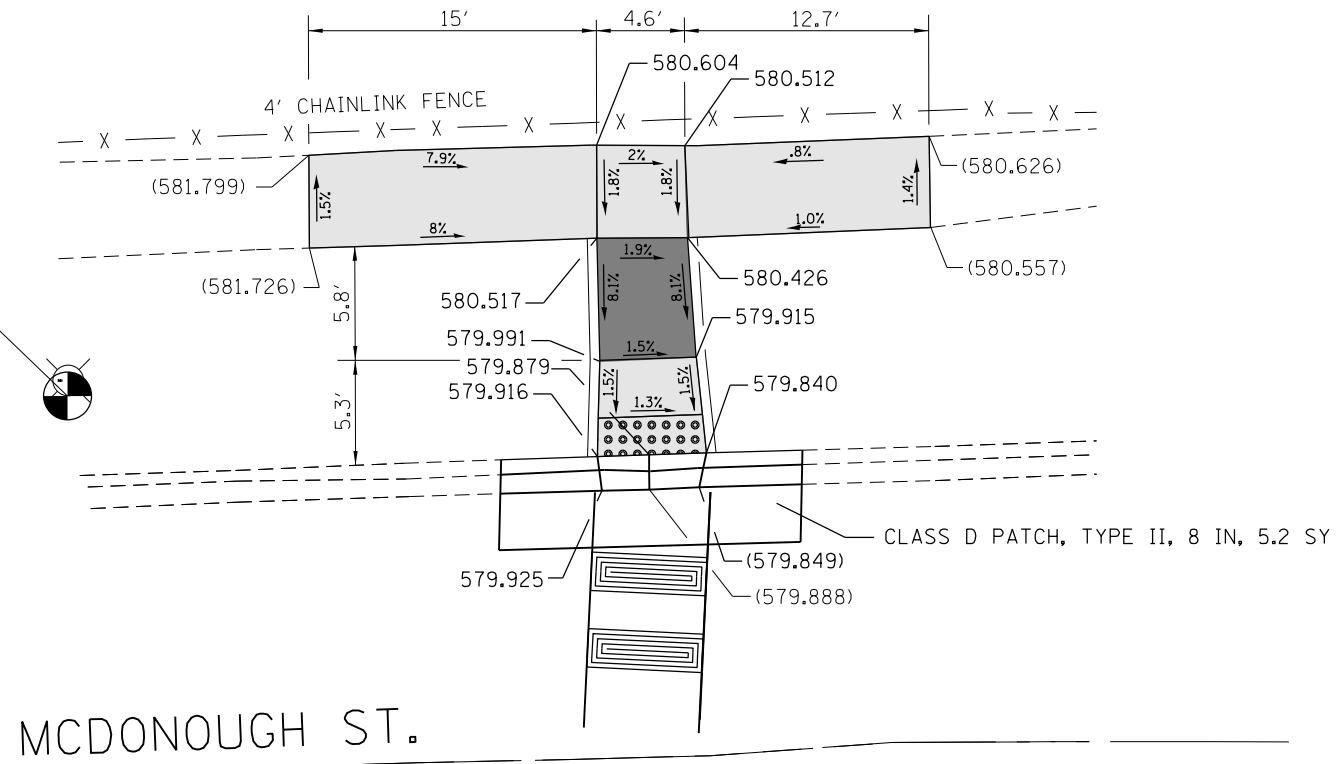
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL A (S.E. CORNER)
 U.S. RTE. 52 (McDONOUGH ST.) AT S. HUNTER AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	19
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V43	

SITE BENCHMARK 'O'
ELEV.=581.77
SET CUT SQUARE S
SIDE CONC BASE LP



MCDONOUGH ST.

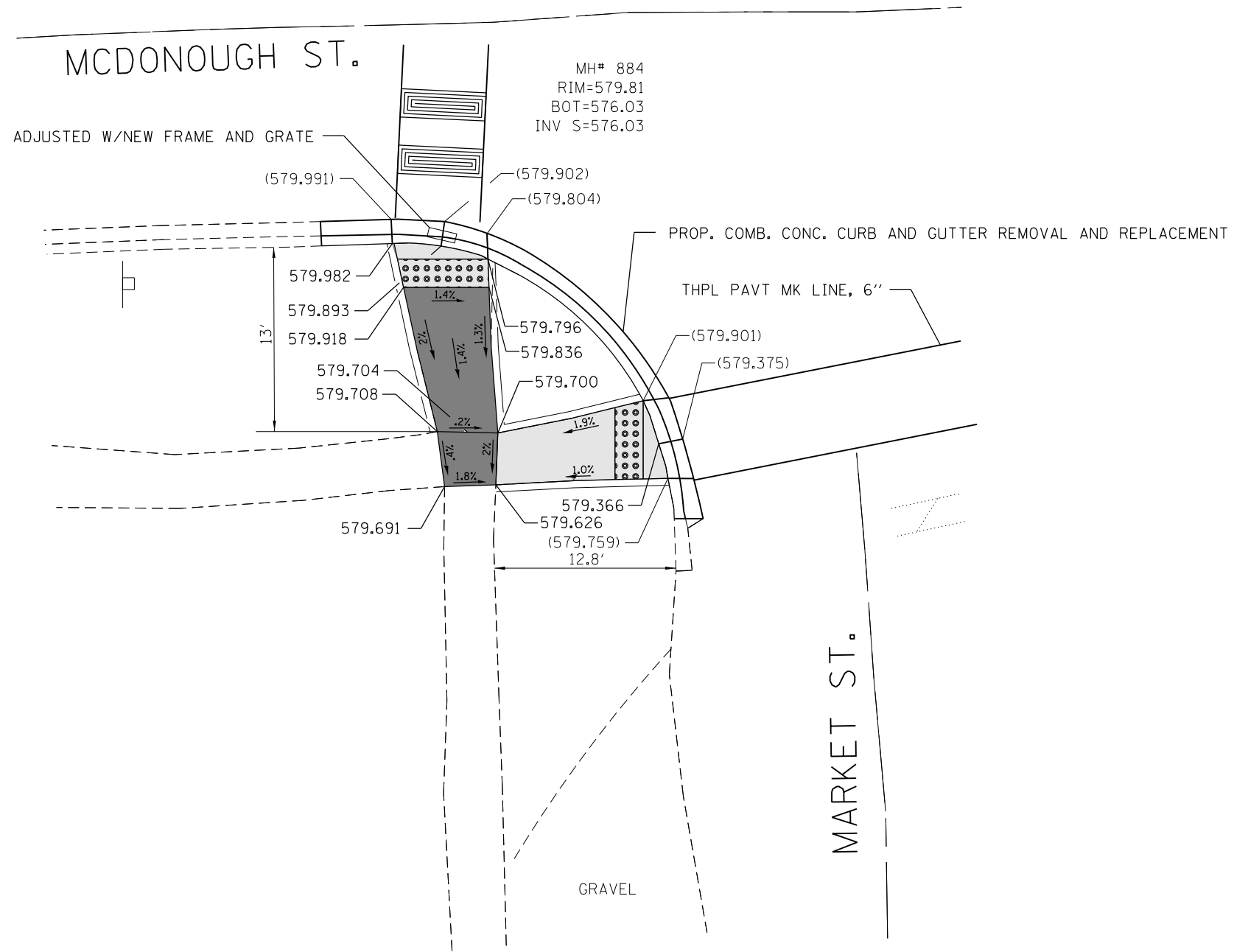
REFERENCE BENCHMARK ELEV. 581.77
BENCHMARK : "X" CUT IN S SIDE CONC. BASE LP
LOCATION : ± 55 FT. W OF MARKET ST. (NORTH SIDE) ON MCDONOUGH ST.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 581.77
BENCHMARK : "X" CUT IN S SIDE CONC. BASE LP
LOCATION : ± 55 FT. W OF MARKET ST. (NORTH SIDE) ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (N.W. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT MARKET ST.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI567\Drawings\Design\DI56712-sht-plan.dgn	Default	PLOT SCALE = 10.0000' / in.	CHECKED -			REVISED -	0313	2012-051RS	WILL	45	22
		PLOT DATE = 5/3/2017	DATE -			REVISED -	SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 60V43	



REFERENCE BENCHMARK ELEV. 579.760- N: 1,766,318.753 E: 1,049,575.572

BENCHMARK : "X" CUT IN FLAGSTONE WALK SW QUAD MARKET ST. AT MCDONOUGH ST.

LOCATION : ± 28 FT. W OF MARKET ST. ON MCDONOUGH ST.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV. 579.760- N: 1,766,318.753 E: 1,049,575.572

BENCHMARK : "X" CUT IN FLAGSTONE WALK SW QUAD MARKET ST. AT MCDONOUGH ST.

LOCATION : ± 28 FT. W OF MARKET ST. ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
pw\11084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI56712\Design\DI56712-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/3/2017	DATE -	REVISED -

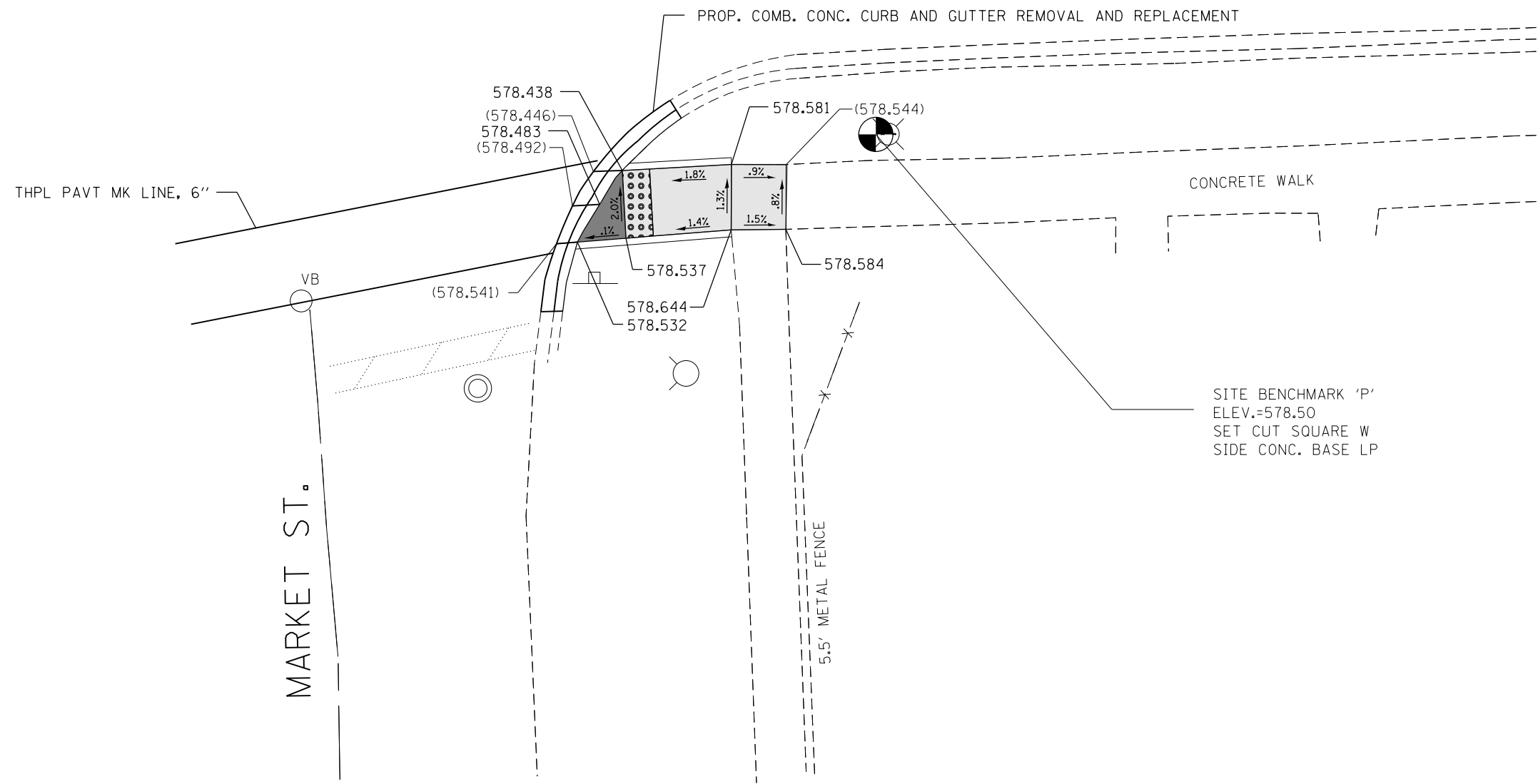
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL A (S.W. CORNER)
U.S. RTE. 52 (McDONOUGH ST.) AT MARKET ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	23
CONTRACT NO. 60V43				
ILLINOIS FED. AID PROJECT				

MCDONOUGH ST.



SITE BENCHMARK 'P'
ELEV.=578.50
SET CUT SQUARE W
SIDE CONC. BASE LP

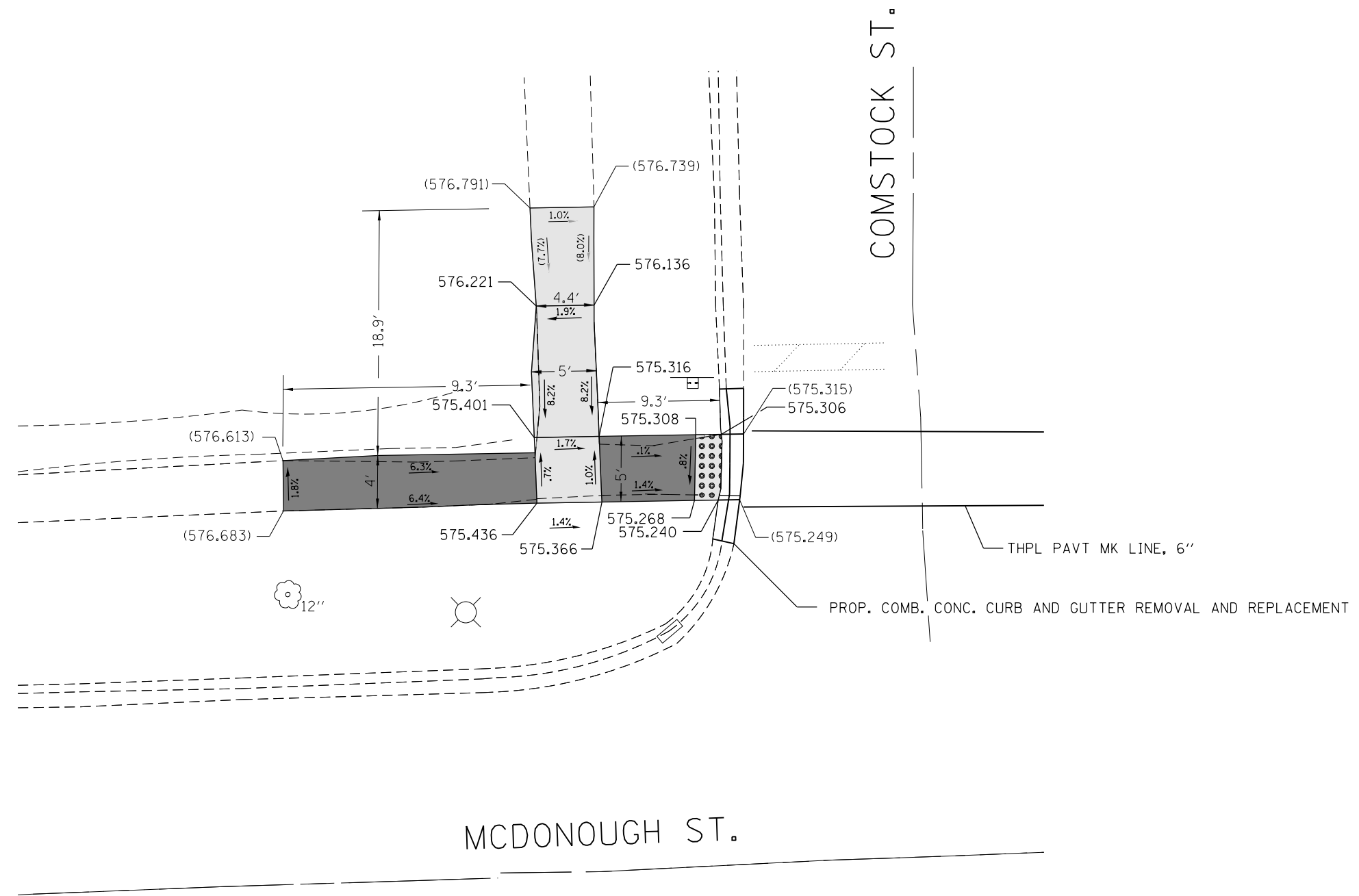
REFERENCE BENCHMARK ELEV.= 578.50
BENCHMARK : "X" CUT SQUARE W SIDE CONC. BASE LP
LOCATION : ± 43 FT. E OF MARKET ST. ON MCDONOUGH ST.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 578.50
BENCHMARK : "X" CUT SQUARE W SIDE CONC. BASE LP
LOCATION : ± 43 FT. E OF MARKET ST. ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (S.E. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT MARKET ST.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI56712\Design\DI56712-sht-plan.dgn	PLLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			0313	2012-051RS	WILL	45	24	
Default	PLLOT DATE = 5/3/2017	DATE -	REVISED -			CONTRACT NO. 60V43					
						ILLINOIS FED. AID PROJECT					



REFERENCE BENCHMARK ELEV.= 576.97

BENCHMARK : "X" CUT SQUARE E SIDE CONC. BASE LP

LOCATION : ± 34 FT. W OF COMSTOCK ST. ON McDONOUGH ST.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 576.97

BENCHMARK : "X" CUT SQUARE E SIDE CONC. BASE LP

LOCATION : ± 34 FT. W OF COMSTOCK ST. ON McDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
p:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI56712\Design\DI56712-sht-plan.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

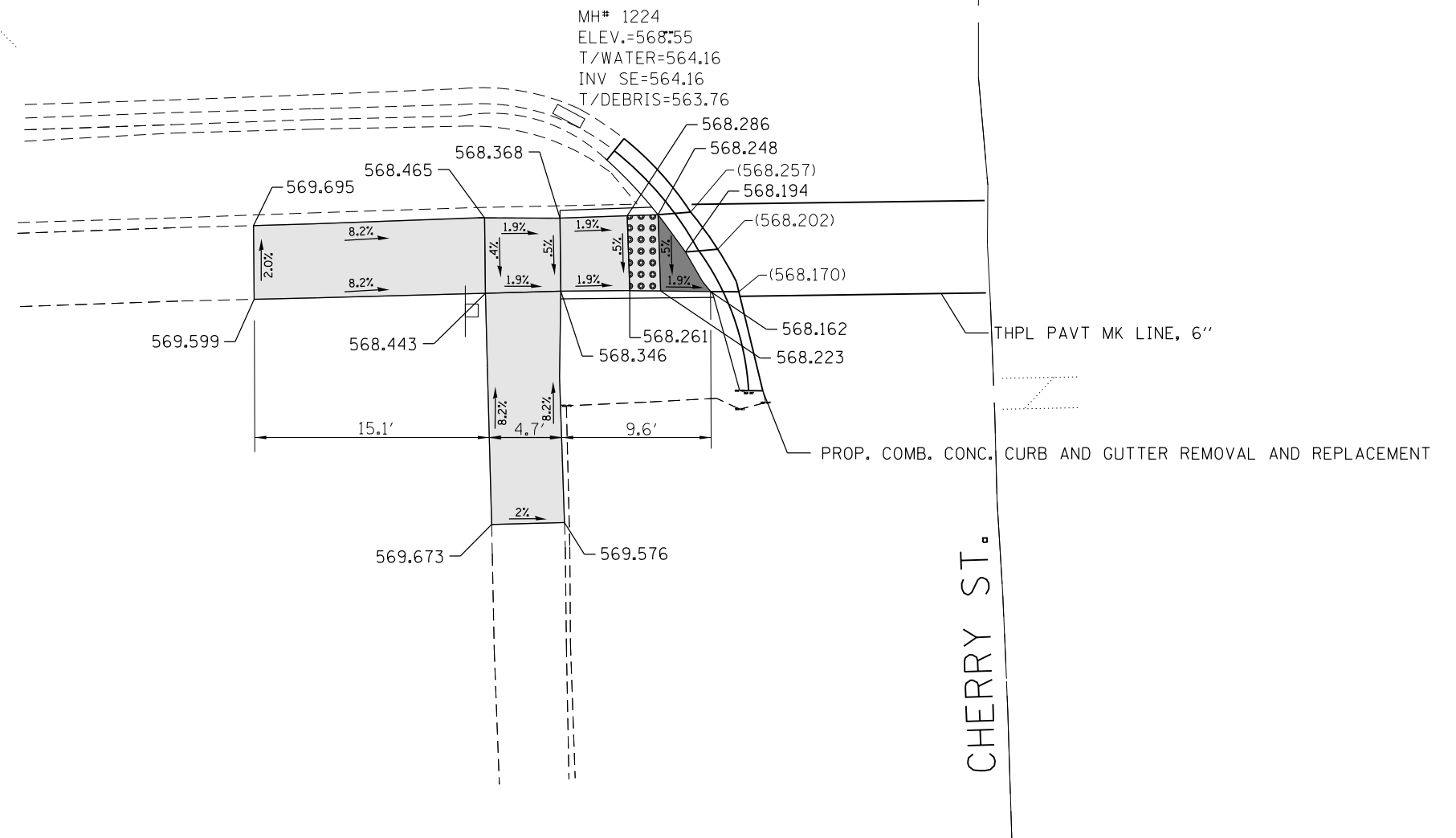
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL A (N.W. CORNER)
U.S. RTE. 52 (McDONOUGH ST.) AT COMSTOCK ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	25
CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	

MCDONOUGH ST.



REFERENCE BENCHMARK ELEV.= 569.89
 BENCHMARK : "X" CUT SQUARE IN S SIDE CONC. BASE LP
 LOCATION : ± 30 FT. W OF CHERRY ST. (NORTH SIDE) ON MCDONOUGH ST.

LEGEND

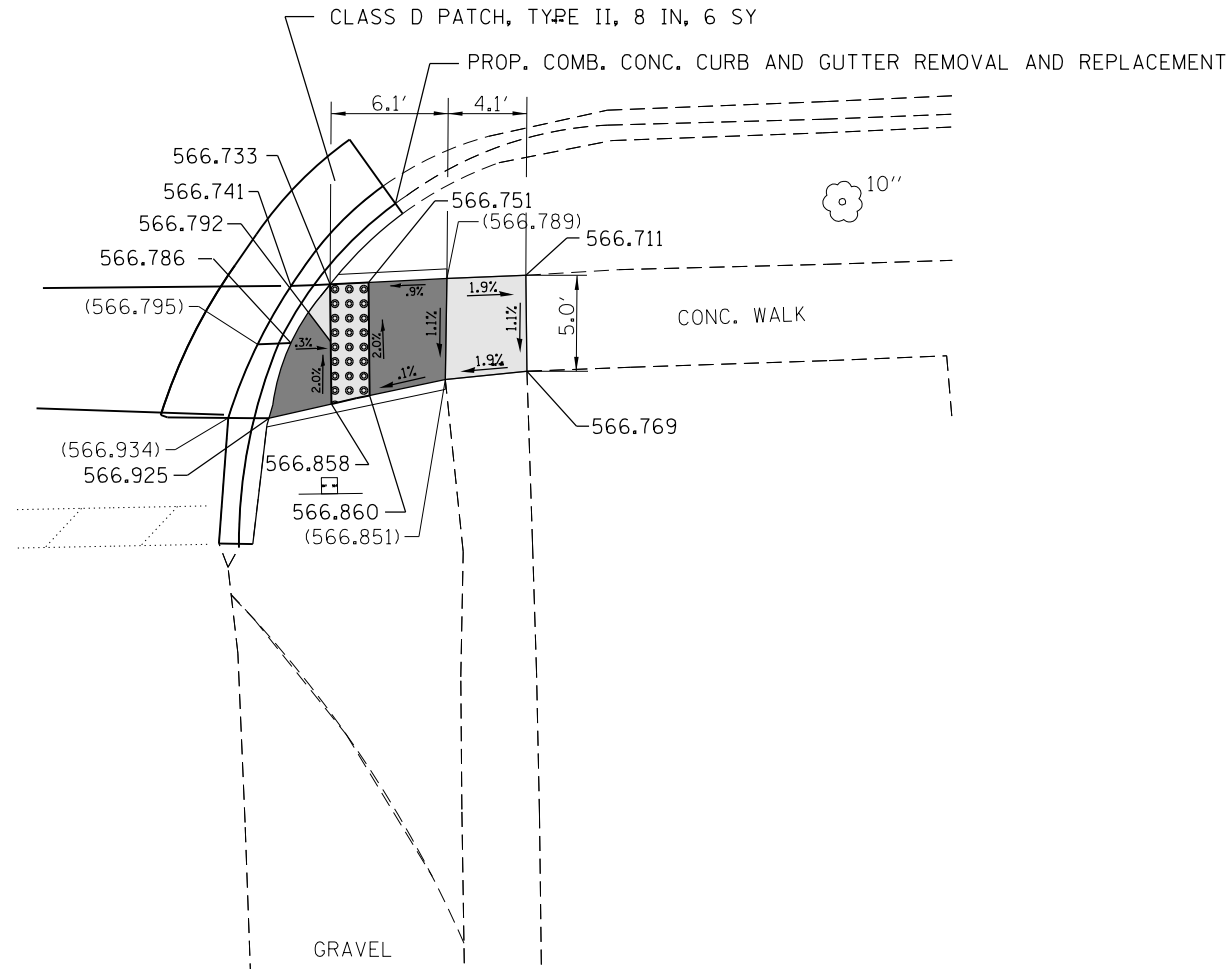
	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 569.89
 BENCHMARK : "X" CUT SQUARE IN S SIDE CONC. BASE LP
 LOCATION : ± 30 FT. W OF CHERRY ST. (NORTH SIDE) ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (S.W. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT CHERRY ST.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI56712\Design\DI56712-sht-plan.dgn		CHECKED -	REVISED -			0313	2012-051RS	WILL	45	27
Default	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -			CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/3/2017					SCALE:	SHEET	OF	SHEETS	STA.

MCDONOUGH ST.

CHERRY ST.



REFERENCE BENCHMARK ELEV.= 564.86

BENCHMARK : "X" CUT SQUARE IN N SIDE CONC. BASE LP

LOCATION : ± 84 FT. E OF CHERRY ST. ON MCDONOUGH ST.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 564.86

BENCHMARK : "X" CUT SQUARE IN N SIDE CONC. BASE LP

LOCATION : ± 84 FT. E OF CHERRY ST. ON MCDONOUGH ST.

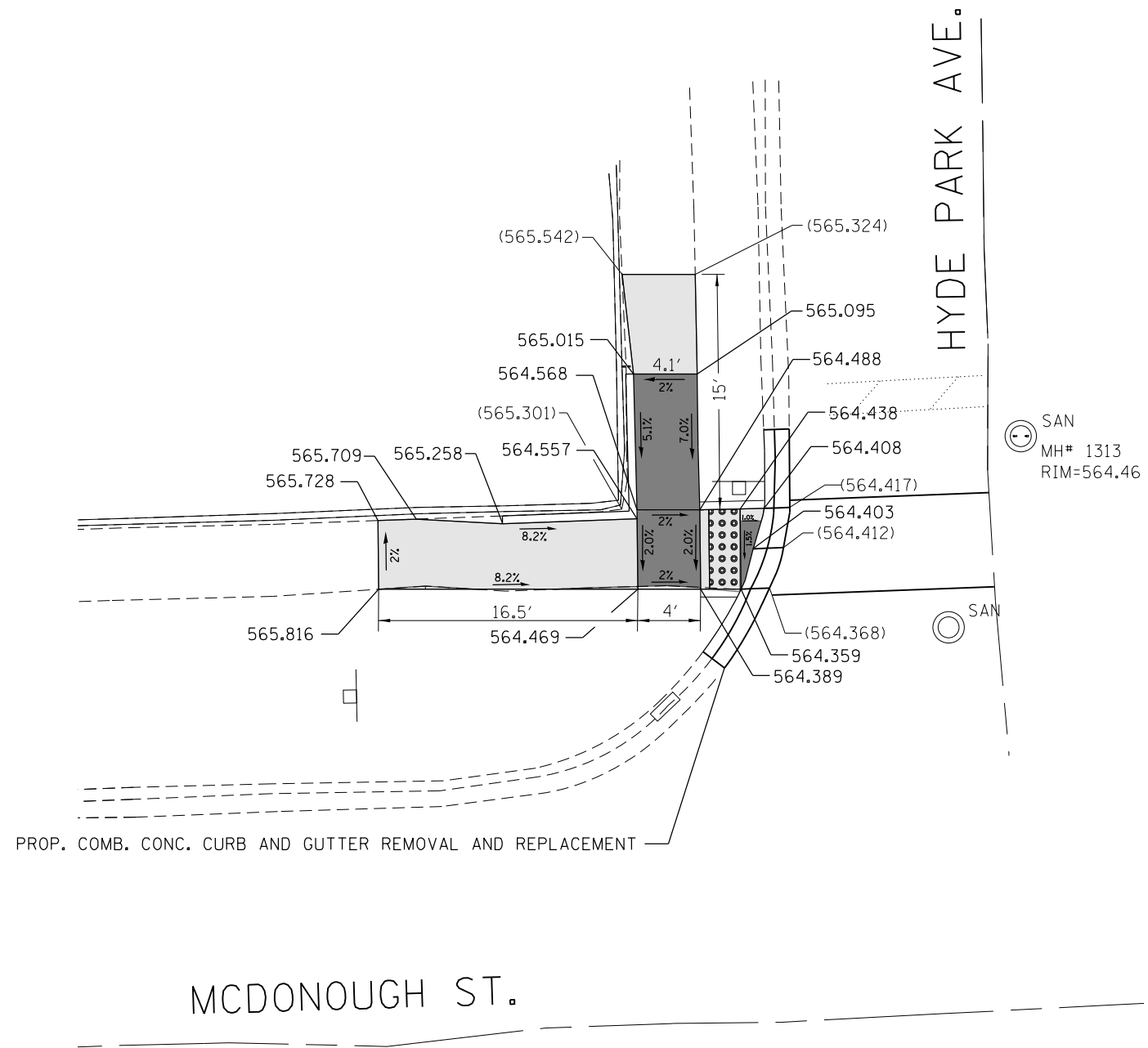
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Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL A (S.E. CORNER)
U.S. RTE. 52 (MCDONOUGH ST.) AT CHERRY ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V43	

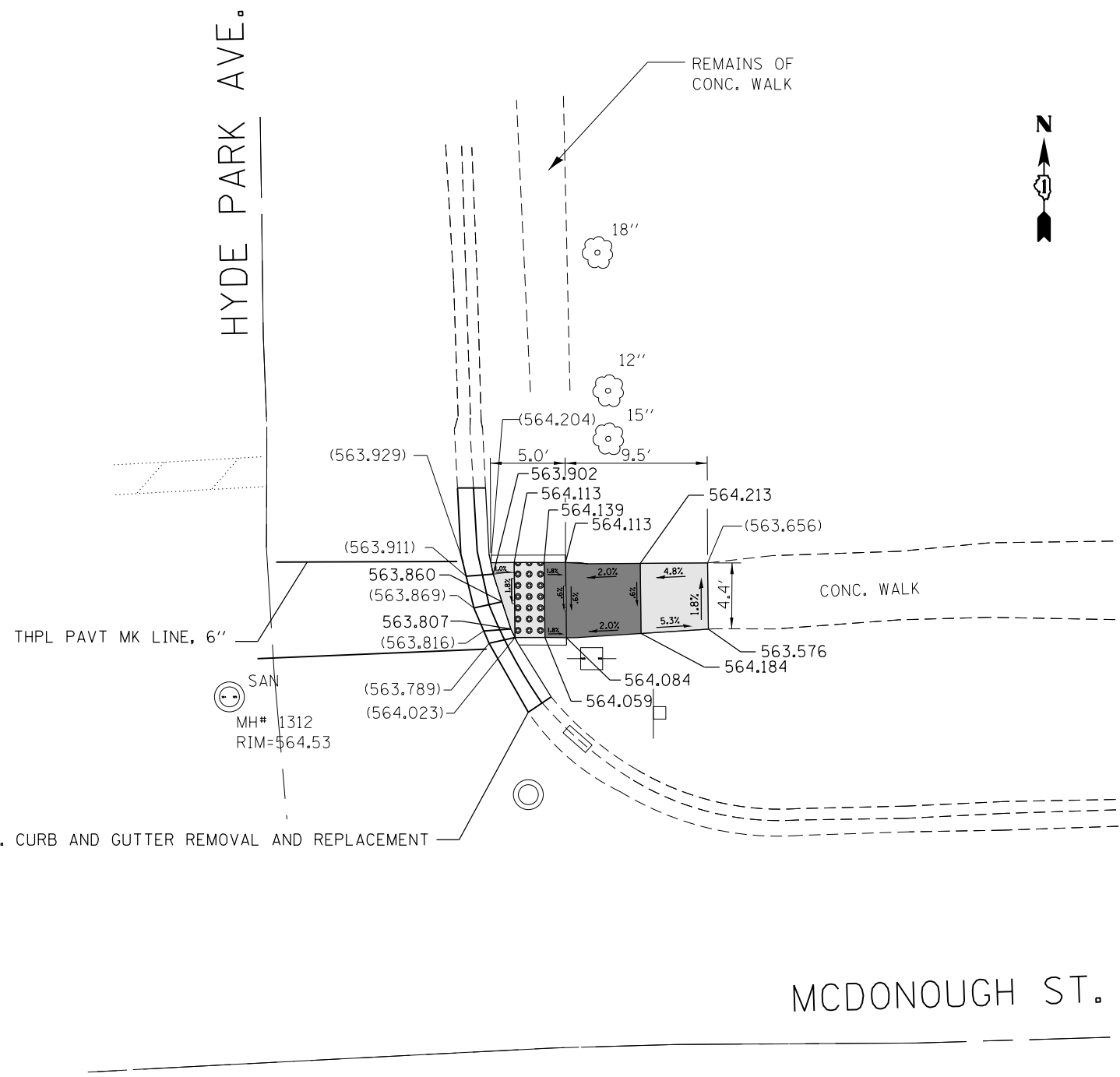


REFERENCE BENCHMARK ELEV.= 564.94
 BENCHMARK : "X" CUT SQUARE IN CONC. RETAINING WALL
 LOCATION : ± 24 FT. W OF HYDE PARK AVE. ST. ON McDONOUGH ST.

LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 564.94
 BENCHMARK : "X" CUT SQUARE IN CONC. RETAINING WALL
 LOCATION : ± 24 FT. W OF HYDE PARK AVE. ST. ON McDONOUGH ST.



PROP. COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT

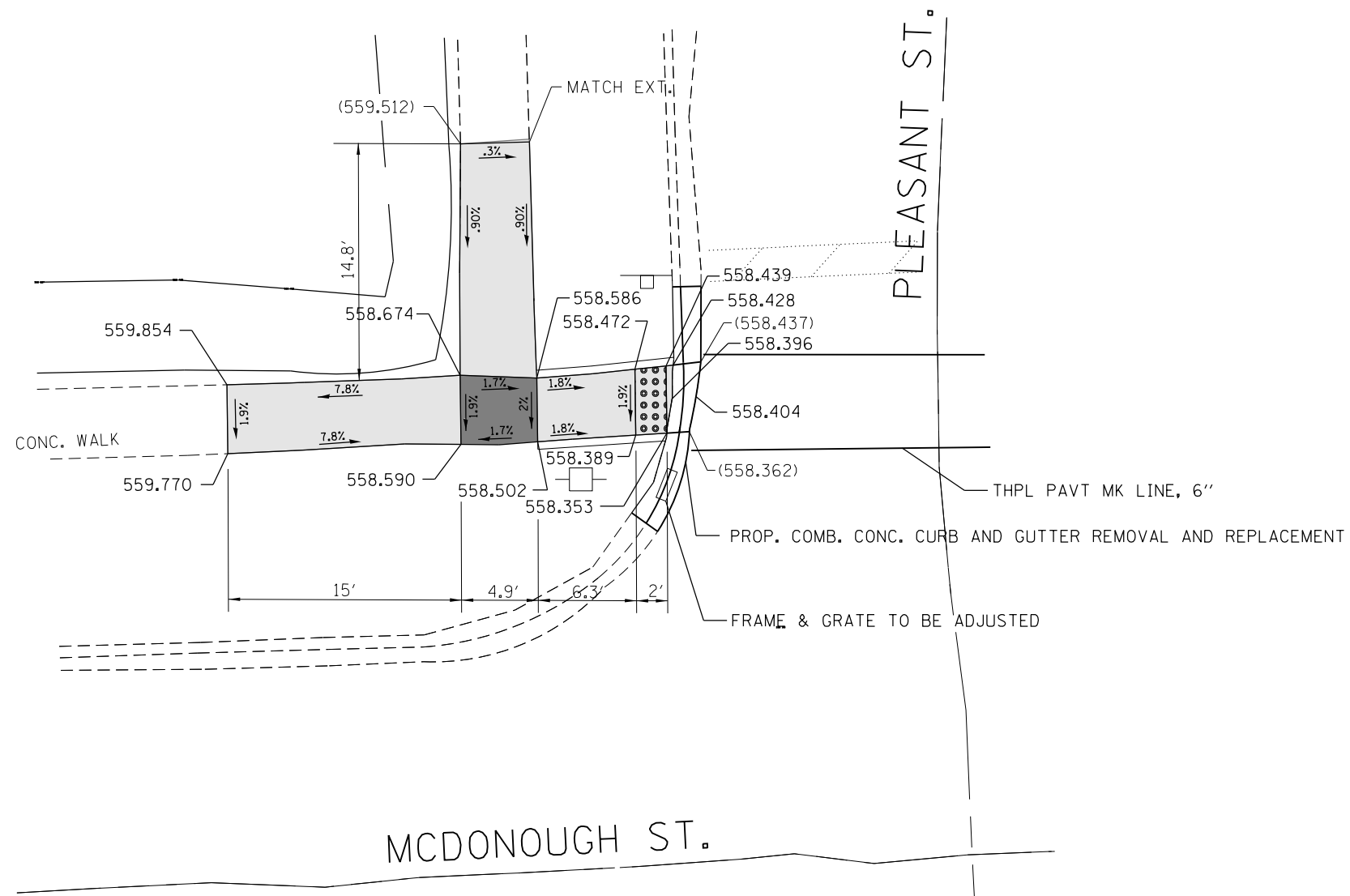
REFERENCE BENCHMARK ELEV.= 564.94
 BENCHMARK : "X" CUT SQUARE IN CONC. RETAINING WALL
 LOCATION : ± 24 FT. W OF HYDE PARK AVE. ST. ON MCDONOUGH ST.

LEGEND

- xx.xx' EXISTING LENGTH
- ===== PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- ▣ DETECTABLE WARNINGS
- ▤ SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 564.94
 BENCHMARK : "X" CUT SQUARE IN CONC. RETAINING WALL
 LOCATION : ± 24 FT. W OF HYDE PARK AVE. ST. ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (N.E. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT HYDE PARK AVE.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI5672\Drawings\Design\DI56712-sht-plan.dgn		CHECKED -	REVISED -			0313	2012-051RS	WILL	45	30
Default	PLOT SCALE = 10.0000' / in.	DATE -	REVISED -			CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/3/2017					SCALE:	SHEET	OF	SHEETS	STA.



REFERENCE BENCHMARK ELEV.= 559.45
 BENCHMARK : "X" CUT SQUARE IN TC
 LOCATION : ± 37 FT. W OF PLEASANT ST. ON MCDONOUGH ST.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 559.45
 BENCHMARK : "X" CUT SQUARE IN TC
 LOCATION : ± 37 FT. W OF PLEASANT ST. ON MCDONOUGH ST.

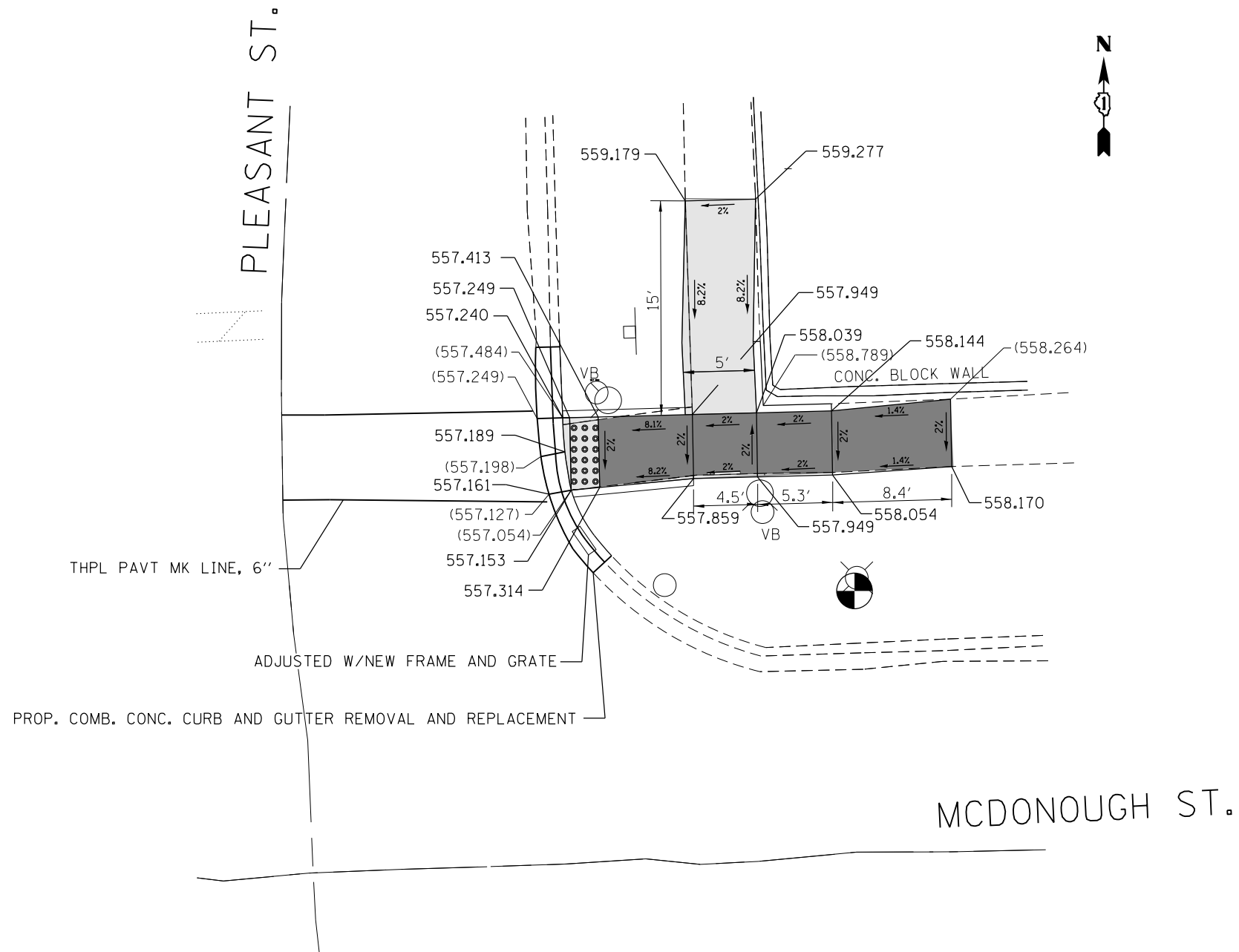
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Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL A (N.W. CORNER)
 U.S. RTE. 52 (MCDONOUGH ST.) AT PLEASANT ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	31
CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	



REFERENCE BENCHMARK ELEV.= 557.82

BENCHMARK : "X" CUT SQUARE S SIDE OF CONC BASE OF LP

LOCATION : ± 40 FT. E OF PLEASANT ST. ON MCDONOUGH ST.

LEGEND

	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

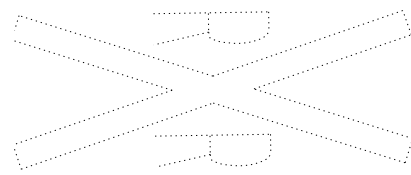
REFERENCE BENCHMARK ELEV.= 557.82

BENCHMARK : "X" CUT SQUARE S SIDE OF CONC BASE OF LP

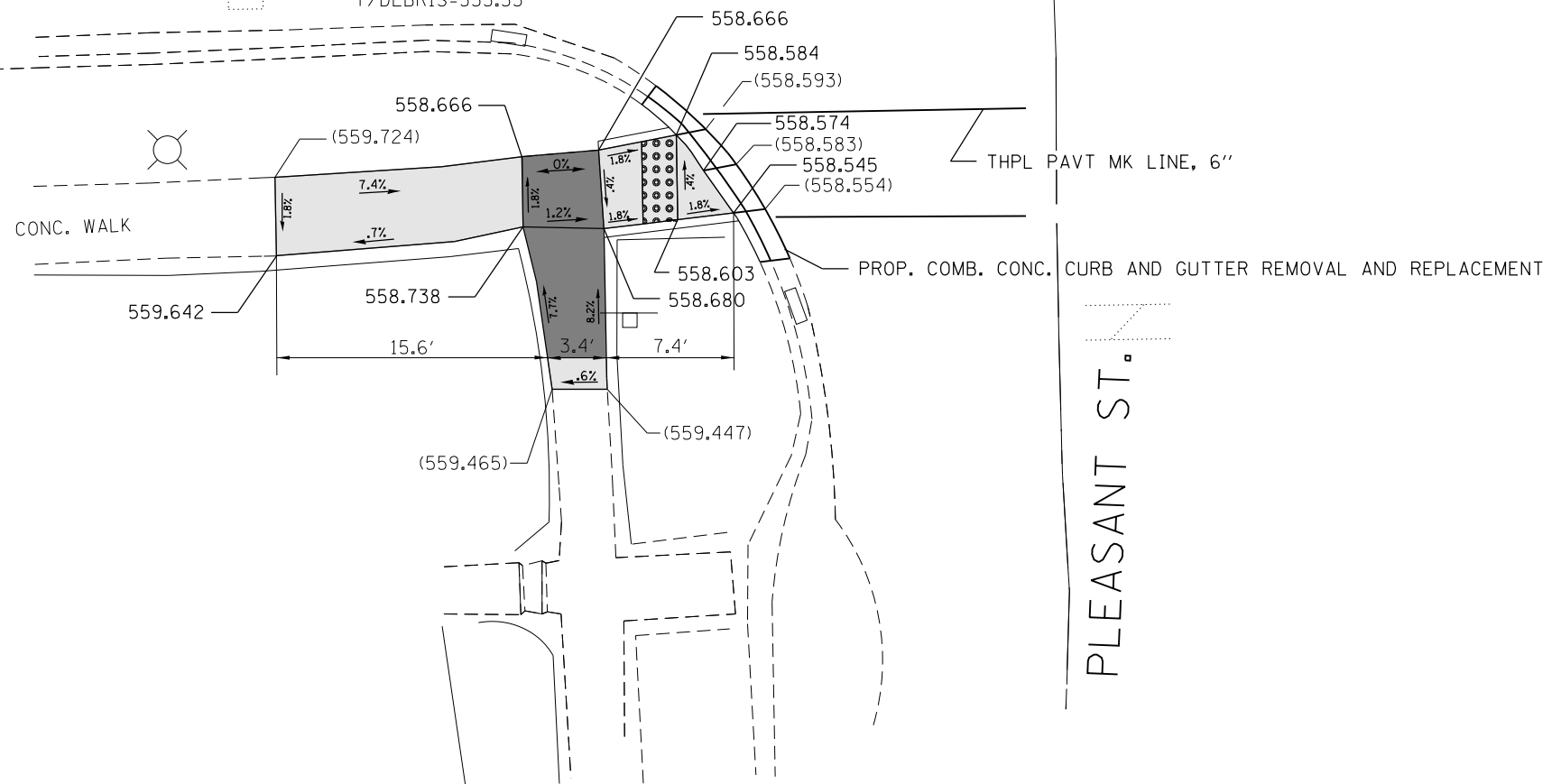
LOCATION : ± 40 FT. E OF PLEASANT ST. ON MCDONOUGH ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL A (N.E. CORNER) U.S. RTE. 52 (MCDONOUGH ST.) AT PLEASANT ST.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI5672\Drawings\Design\DI56712-sht-plan.dgn		CHECKED -	REVISED -			0313	2012-051RS	WILL	45	32
Default	PLOT DATE = 5/3/2017	DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 60V43		

MCDONOUGH ST.



MH# 508
RIM=558.63
INV S=555.93
T/DEBRIS=555.53



PLEASANT ST.

REFERENCE BENCHMARK ELEV.= 560.14

BENCHMARK : "X" CUT SQUARE N SIDE OF CONC BASE OF LP

LOCATION : ± 52 FT. W OF PLEASANT ST. ON MCDONOUGH ST.

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 560.14

BENCHMARK : "X" CUT SQUARE N SIDE OF CONC BASE OF LP

LOCATION : ± 52 FT. W OF PLEASANT ST. ON MCDONOUGH ST.

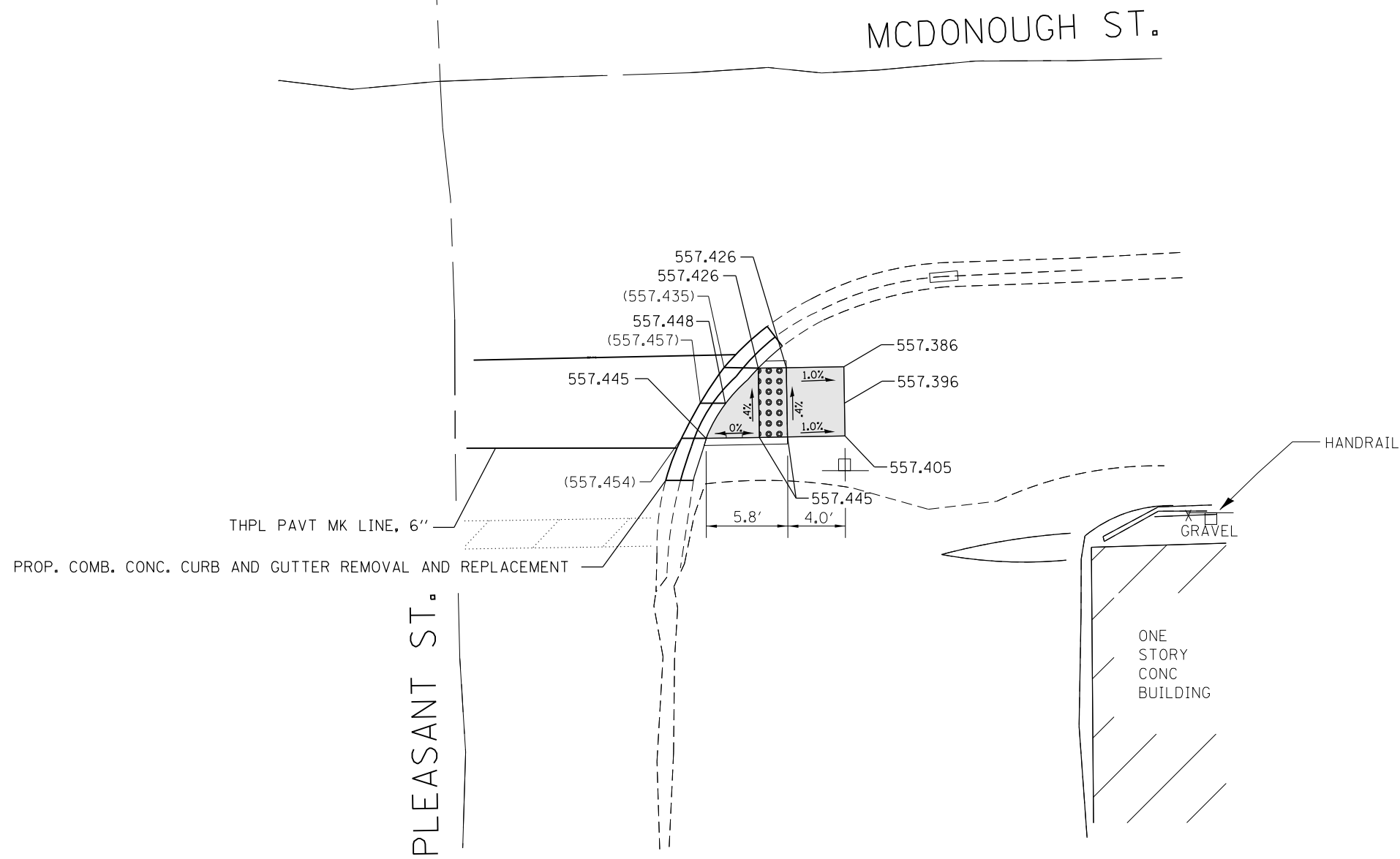
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pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI56712\Design\DI56712-sht-plan.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL A (S.W. CORNER)
U.S. RTE. 52 (McDONOUGH ST.) AT PLEASANT ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	33
CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	



REFERENCE BENCHMARK ELEV.= 557.97
 BENCHMARK : "X" CUT SQUARE ON TC
 LOCATION : ± 35 FT. W OF MCDONOUGH ST. ON PLEASANT ST.

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV.= 557.97
 BENCHMARK : "X" CUT SQUARE ON TC
 LOCATION : ± 35 FT. W OF MCDONOUGH ST. ON PLEASANT ST.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/3/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

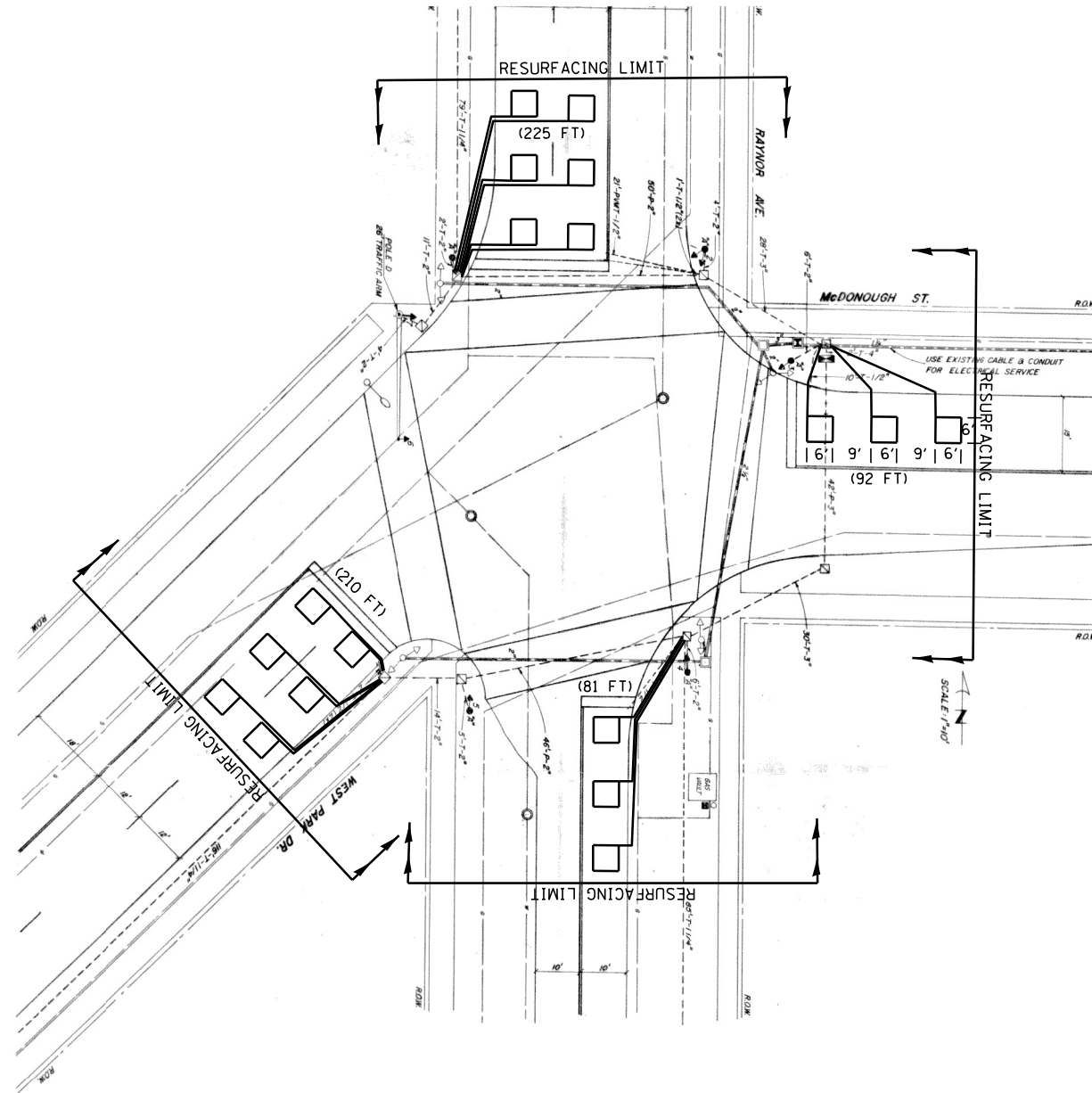
**SIDEWALK DETAIL A (S.E. CORNER)
U.S. RTE. 52 (MCDONOUGH ST.) AT WEST PARK AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V43	

NOTES:

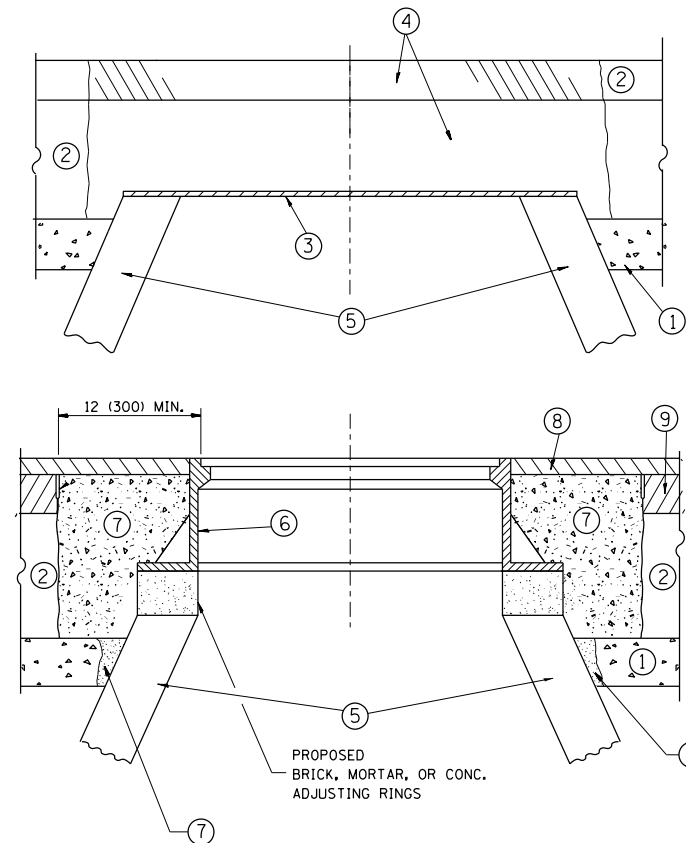
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	608	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 52 AT RAYNOR AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B.of Design - Detector	Loops Replacement - Resurfacing project -	DRAWN - ADA\Design\2017\60V43\CADD	REVISED - US 52 (Raynor ave) @ US 52 (McDonough Ave).dgn			0313	2012-051RS	WILL	45	35
Default	PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -			CONTRACT NO. 60V43			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/7/2017	DATE - 03/03/2017	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

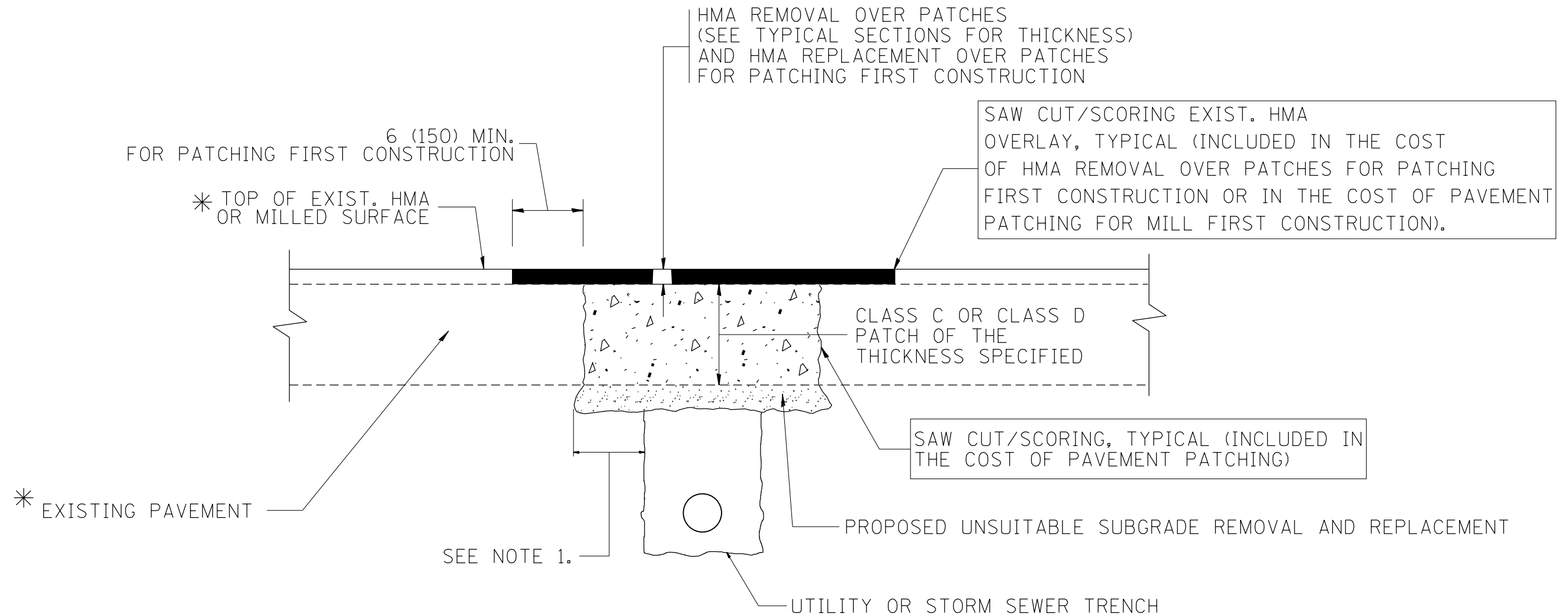
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pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DISB7\Drawings\Design\DistStd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 5/4/2017	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-05IRS	WILL	45	36
BD600-03 (BD-8)		CONTRACT NO. 60V43		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

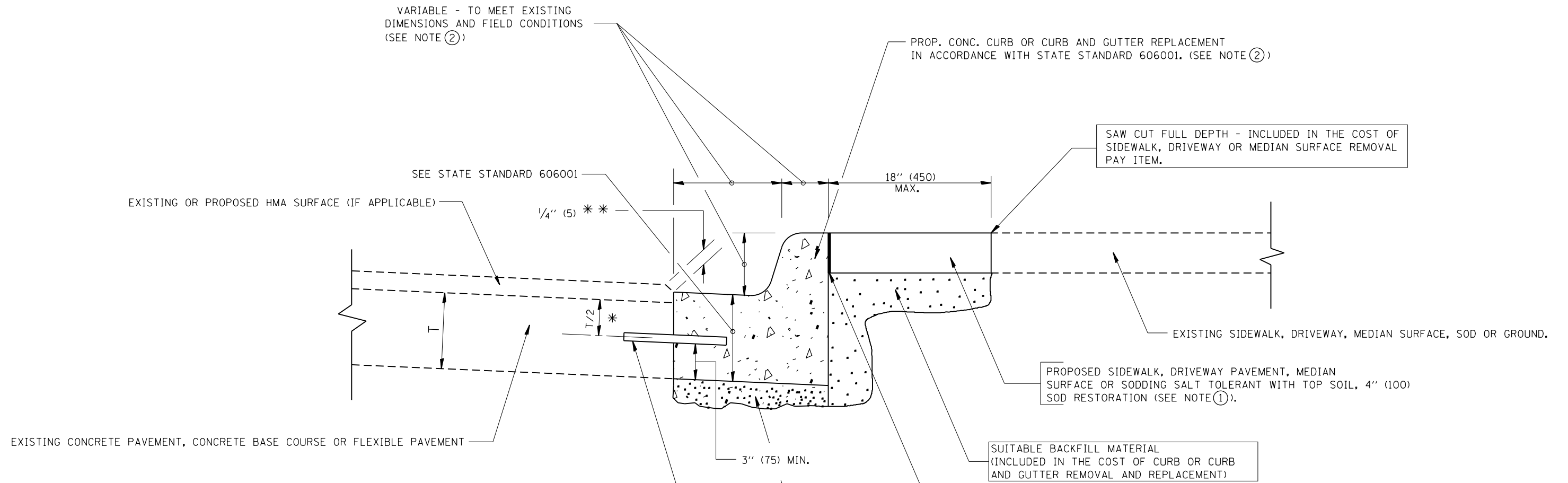
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = abebawa	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DISB7\Drawings\Design\DistStd.dgn		CHECKED -	REVISED - R. BORO 01-01-07					0313	2012-051RS	WILL	45	37
PLOT SCALE = 100.0000' / 1in.		DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)		CONTRACT NO. 60V43					
PLOT DATE = 5/4/2017			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 - ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
 - ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
 - ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
 - ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
 - ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
 - ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
 - ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

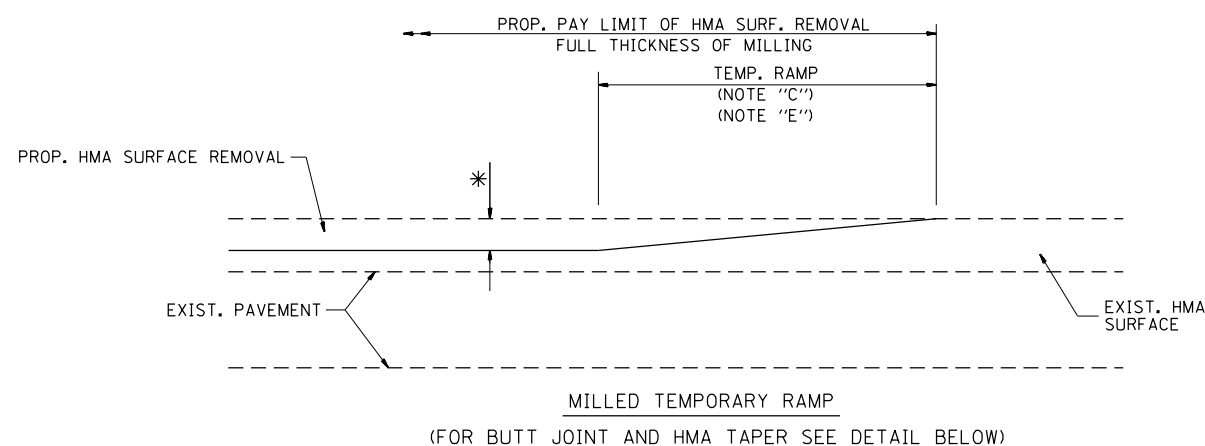
- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
 THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

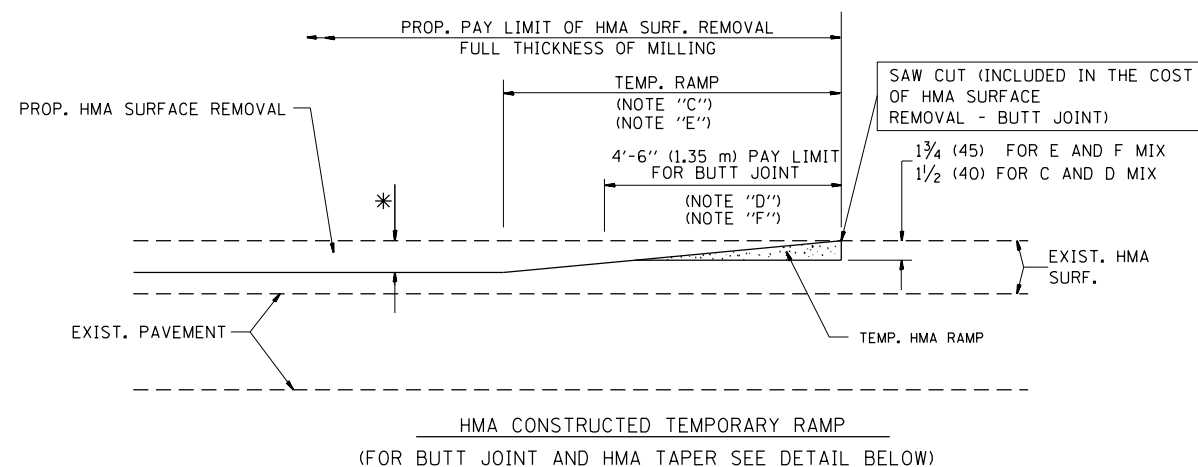
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = abebawa	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI587\Drawings\Design\DistStd.dgn			REVISED - A. ABBAS 03-21-97			0313	2012-051RS	WILL	45	38	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 01-22-01				BD600-06 (BD-24)		CONTRACT NO. 60V43			
PLOT DATE = 5/4/2017	DATE - 03-11-94	REVISED - R. BORO 12-15-09				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		

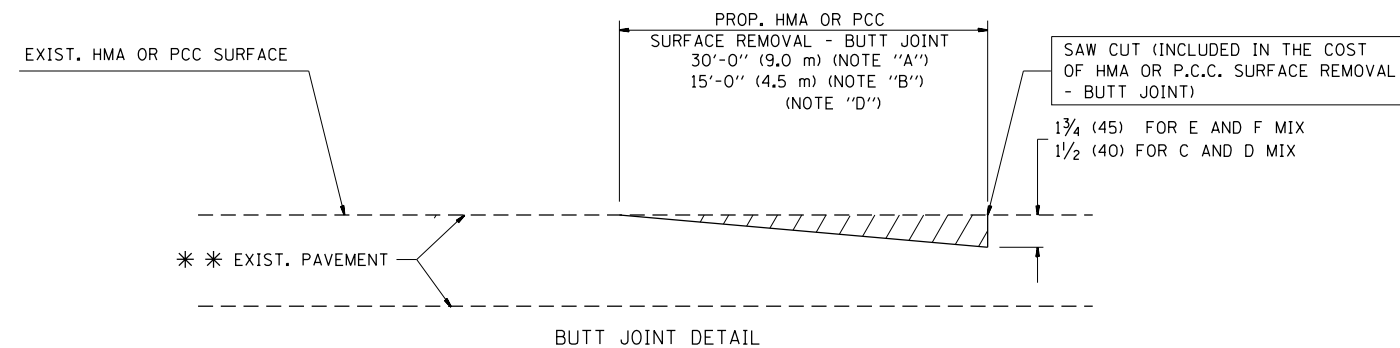


OPTION 1

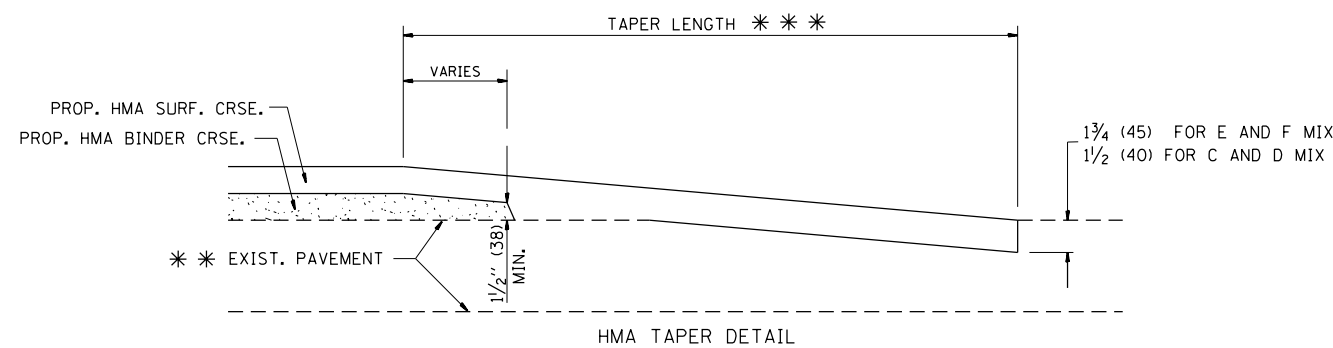


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

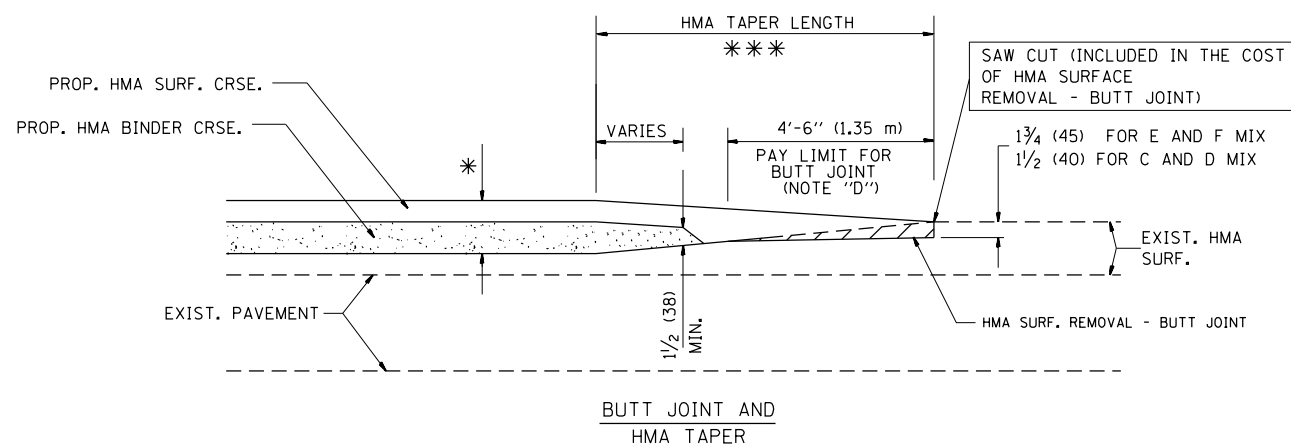
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

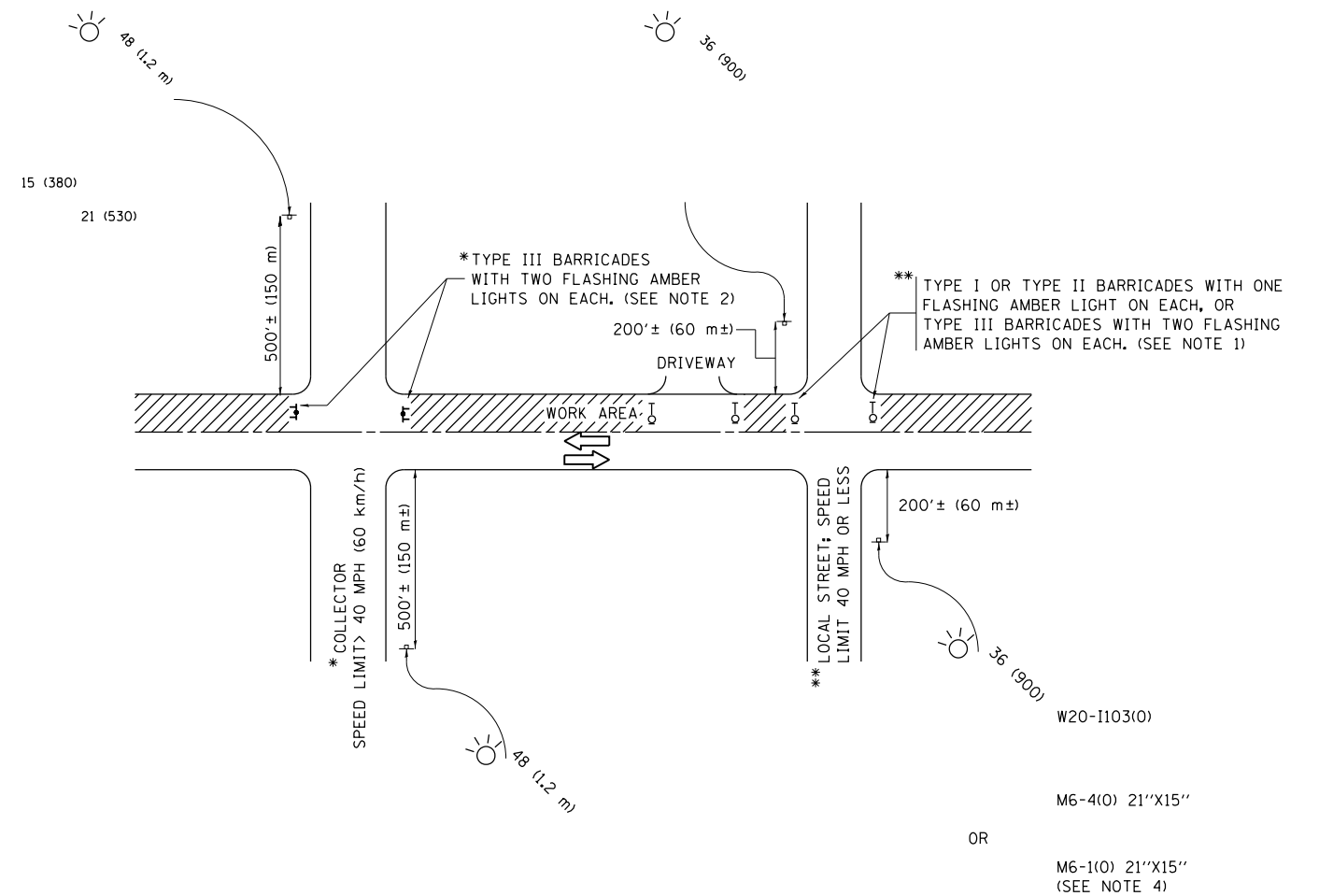
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	PLOT DATE = 5/4/2017	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	39
BD400-05 BD32		CONTRACT NO. 60V43		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

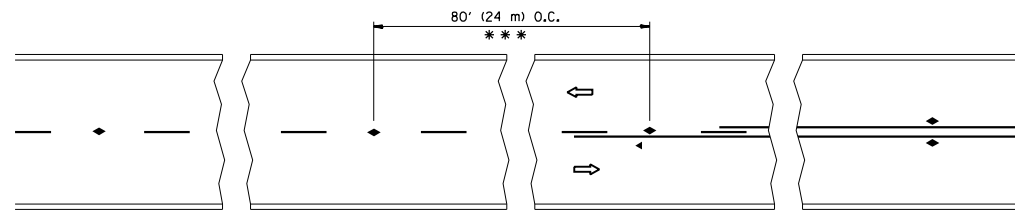
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Default	PLOT SCALE = 100.0000' / in.	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 5/4/2017		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	40
TC-10			CONTRACT NO. 60V43	
ILLINOIS FED. AID PROJECT				

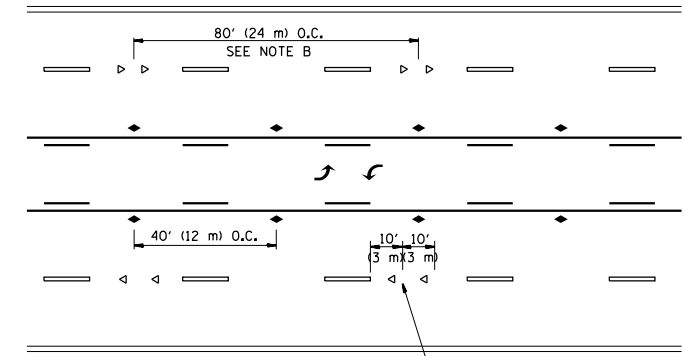


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

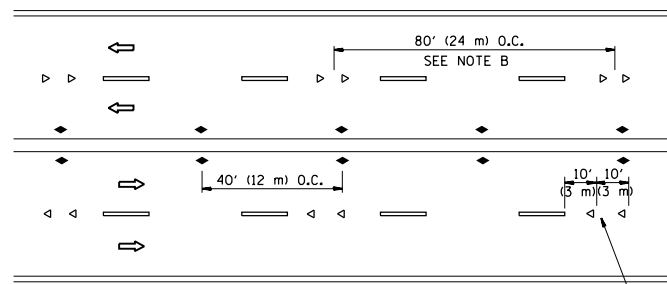
TWO-LANE/TWO-WAY



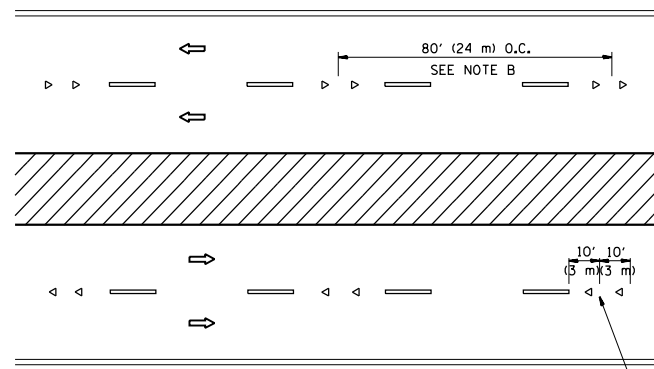
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

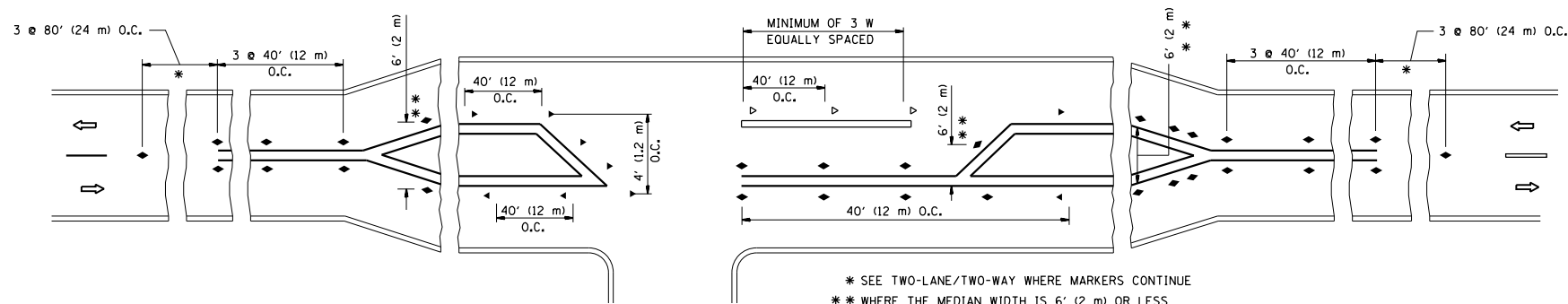
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

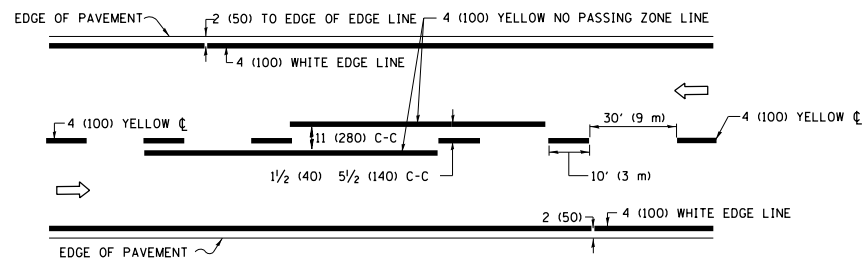
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DISB\084EBID\Design\DistStd.dgn		CHECKED -	REVISED - T. RAMMACHER 03-12-99
		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

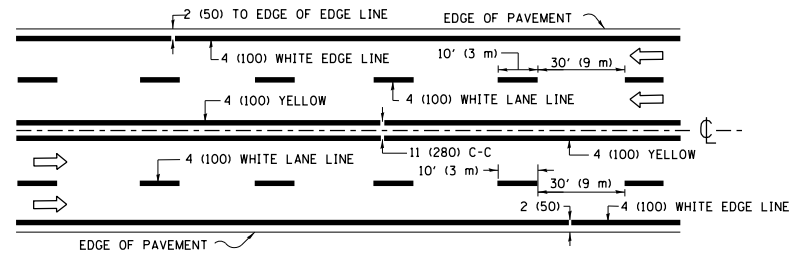
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

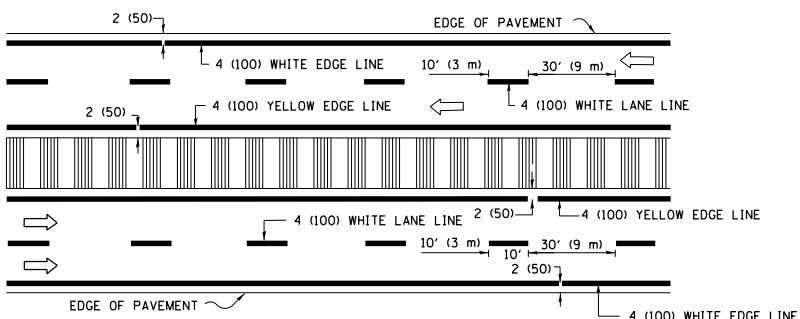
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-05IRS	WILL	45	41
TC-11			CONTRACT NO. 60V43	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

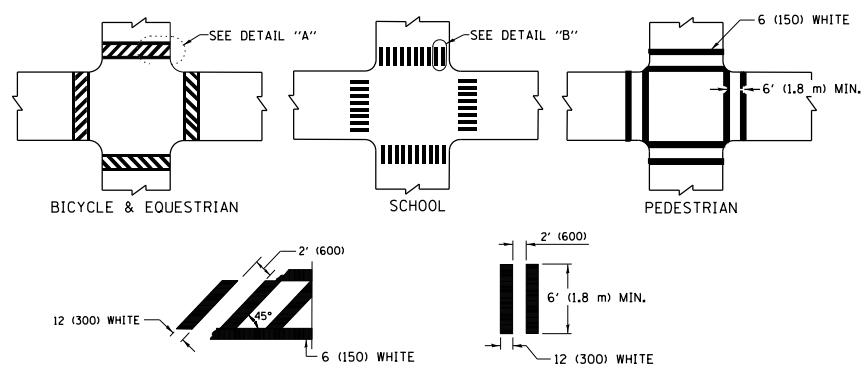


MULTI-LANE UNDIVIDED



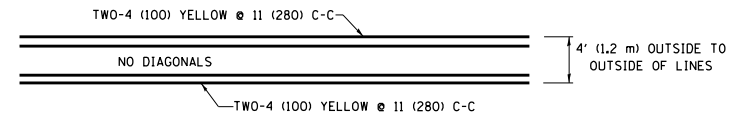
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

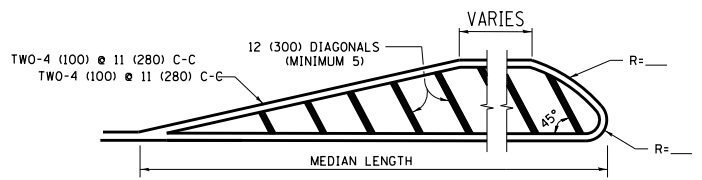


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

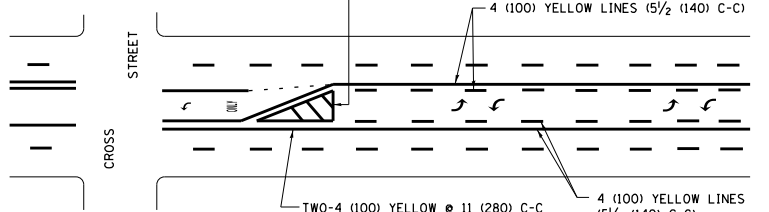


4' (1.2 m) WIDE MEDIANS ONLY



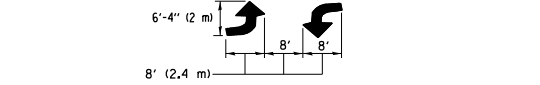
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



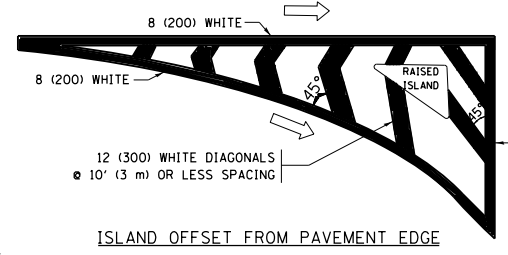
**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

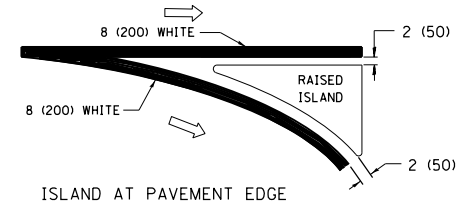


**TYPICAL LEFT (OR RIGHT) TURN LANE
TYPICAL TURN LANE MARKING**

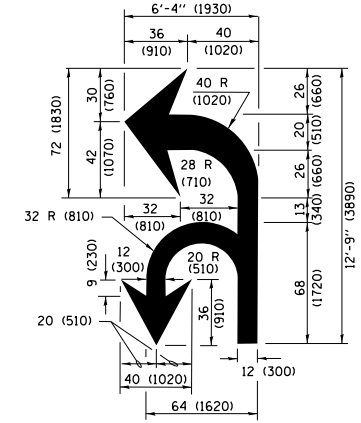
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



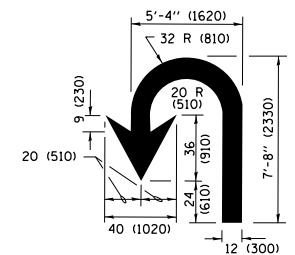
ISLAND OFFSET FROM PAVEMENT EDGE



**ISLAND AT PAVEMENT EDGE
TYPICAL ISLAND MARKING**



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

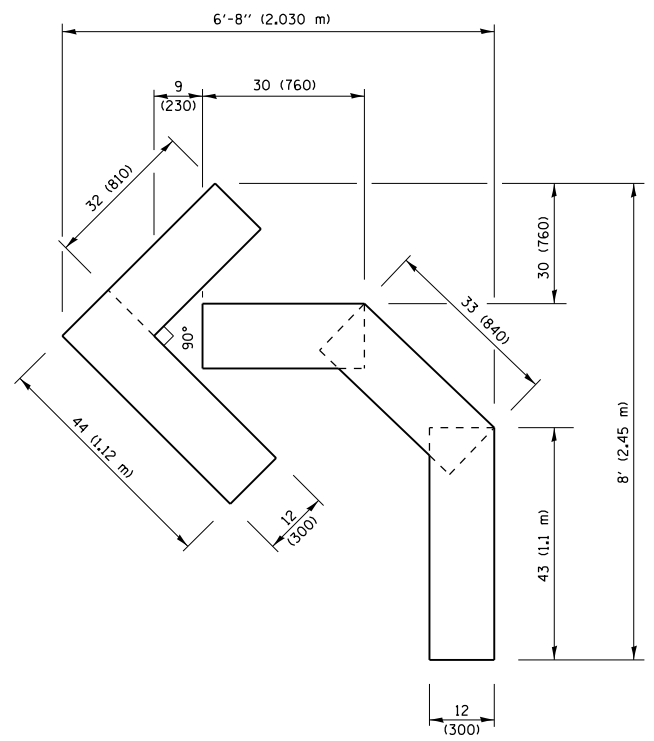
FILE NAME =	USER NAME = abebawa	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
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Default	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 5/4/2017		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

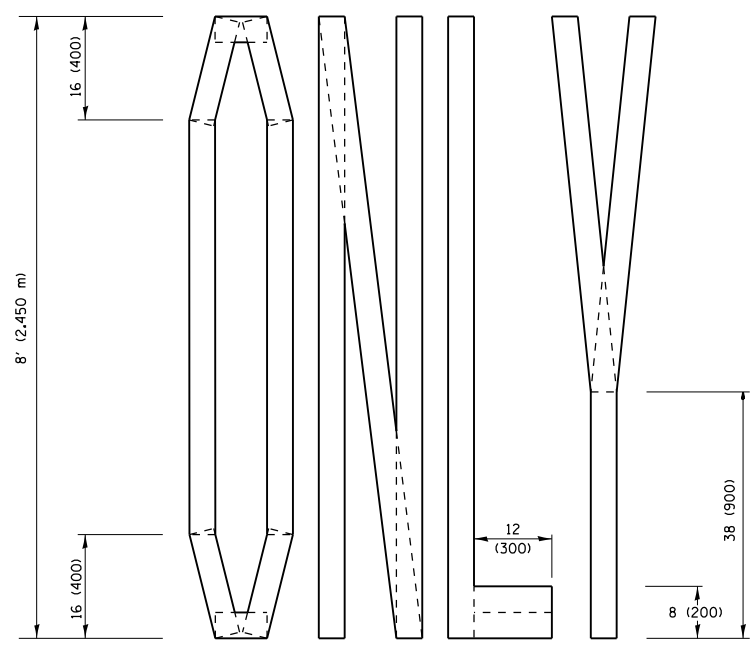
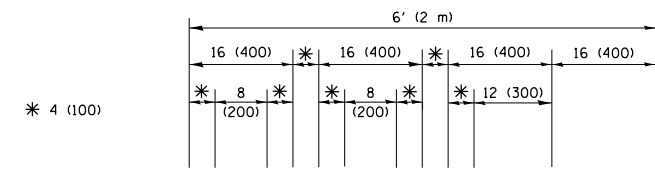
**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

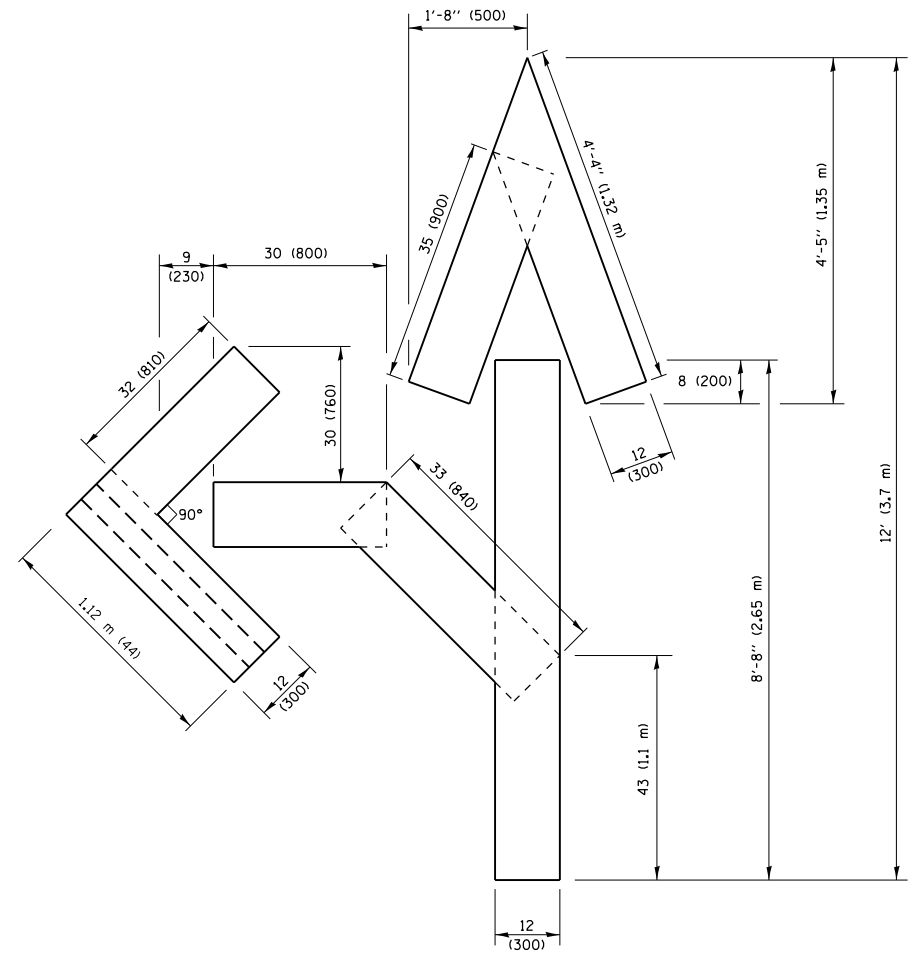
F.A.U R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-051RS	WILL	45	42
TC-13		CONTRACT NO. 60V43		
ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

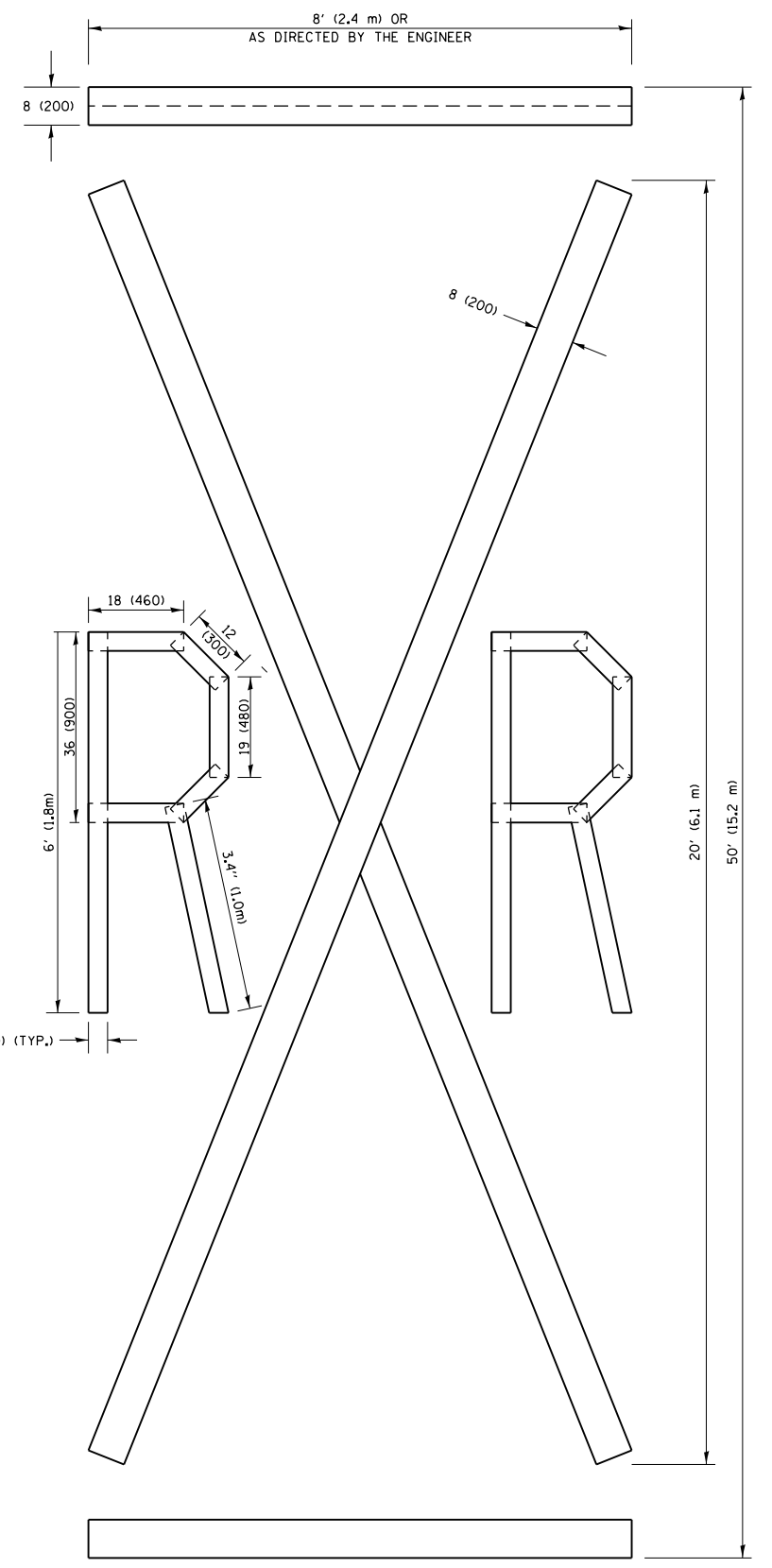


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

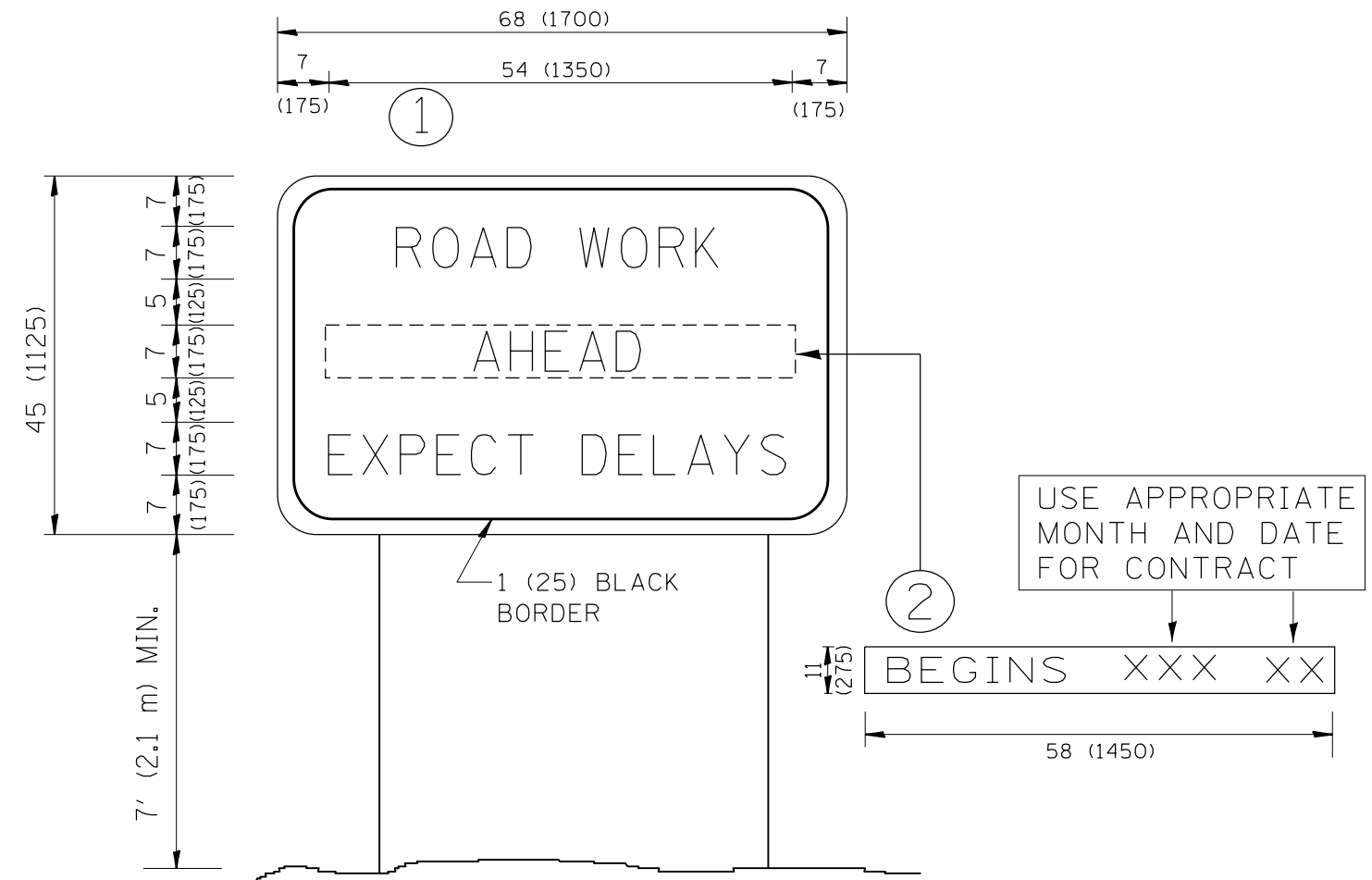
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw:\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI587\Drawings\Design\DistStd.dgn		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0313	2012-05IRS	WILL	45	43
TC-16		CONTRACT NO. 60V43		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

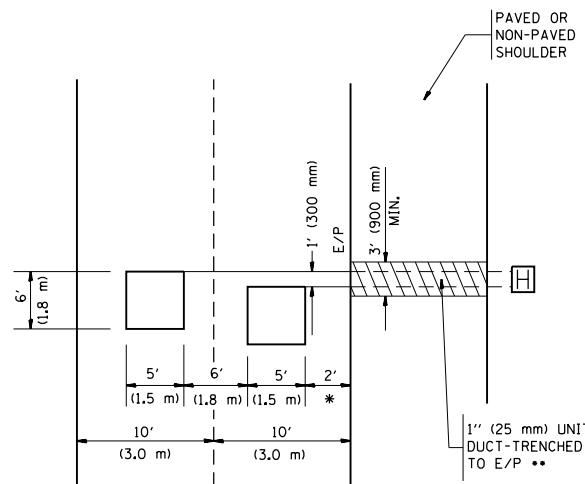
1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI5670\Drawings\Design\DistStd.dgn	DRAWN	REVISED - R. MIRS 12-11-97	0313			2012-051RS	WILL	45	44	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	TC-22			CONTRACT NO. 60V43				
PLOT DATE = 5/4/2017	DATE -	REVISED - C. JUCIUS 01-31-07	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



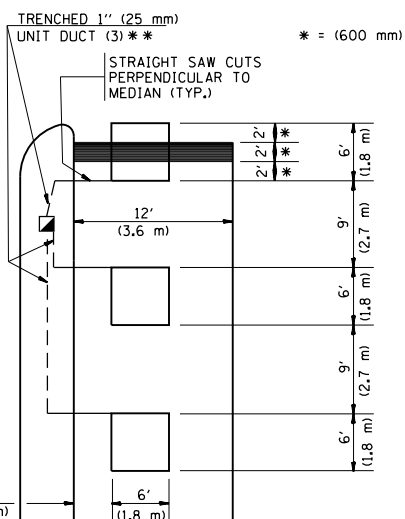
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

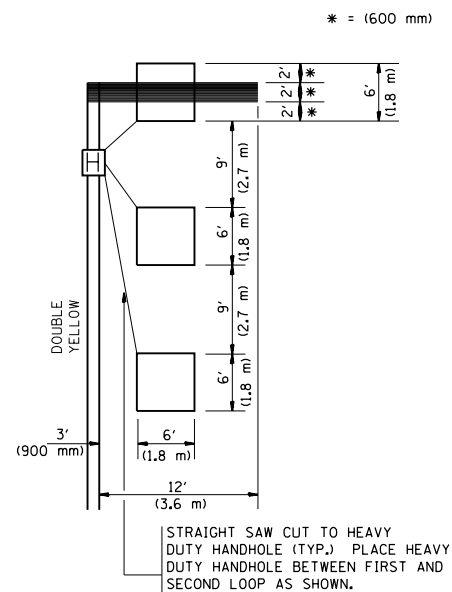


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

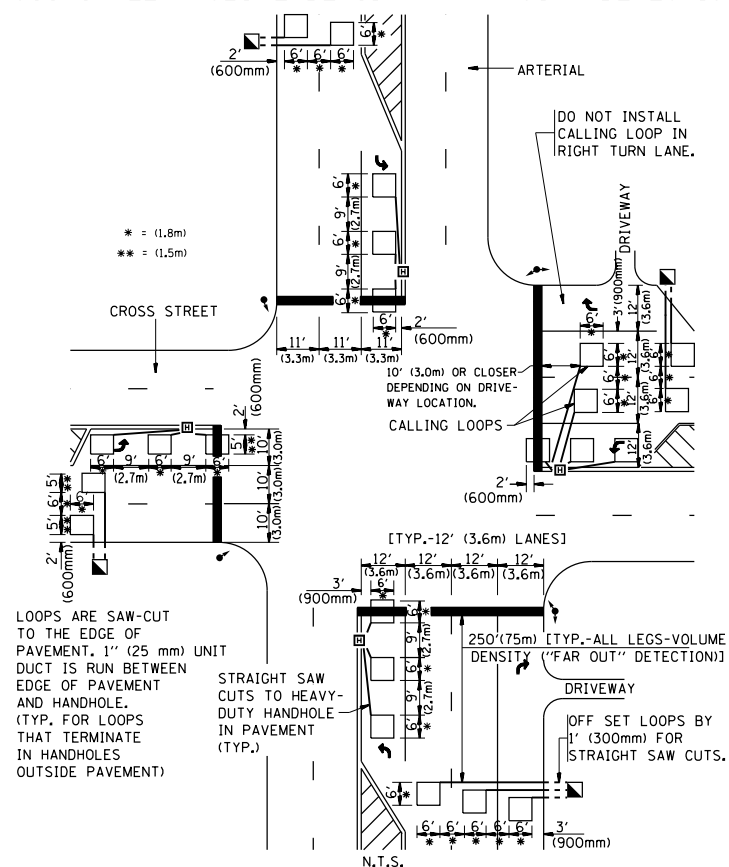
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



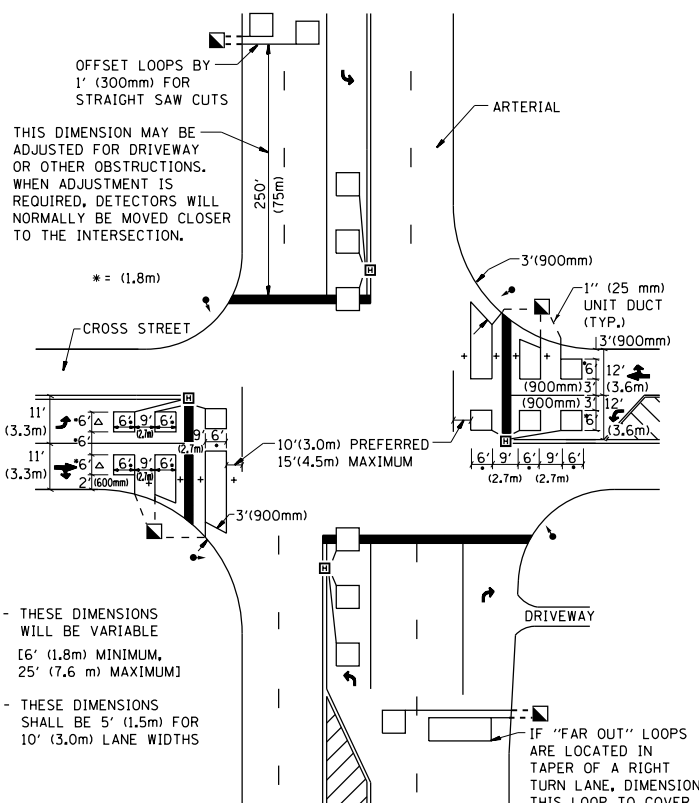
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG\11inois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DISB\Design\DistStd.dgn		CHECKED - R.K.F.	REVISED -		0313	2012-051RS	WILL	45	45			
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -		TS-07			CONTRACT NO. 60V43				
PLOT DATE = 5/4/2017					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					