06-15-2018 LETTING ITEM 017

* 54 + 53 = 107 TOTAL SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	1
	ILLINOIS	CONTRACT NO. 62F74		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.U. 1453 /CERMAK RD.
IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)
SECTION: (78–1&78–3)RS–2
PROJECT: STP– SK4A(039)
RESURFACING (3P) AND PEDESTRIAN RAMPS
COOK COUNTY
C–91–042–18

D-91-032-15

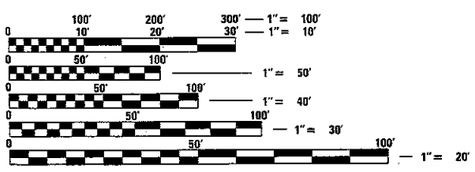
LOCATION OF SECTION INDICATED THUS:– ▬

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITY OF BERWYN AND TOWN OF CICERO

TRAFFIC DATA:

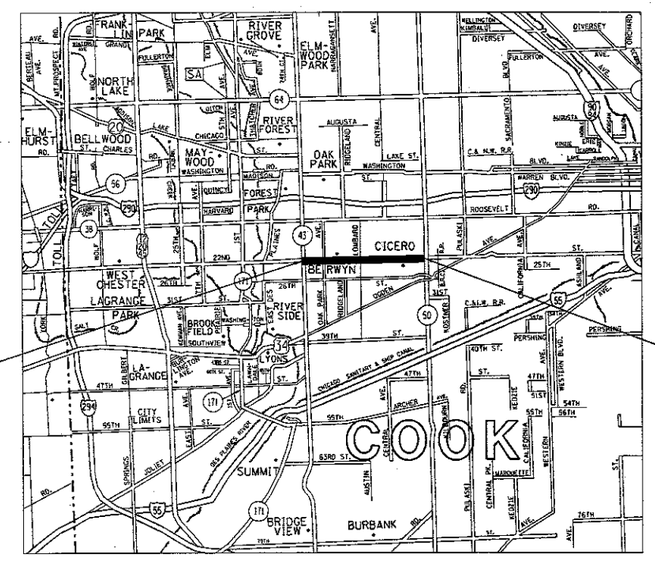
CERMAK RD.
ADT = 30,300 (2014)
SPEED LIMIT = 25 TO 30 MPH



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 BEGINS
STA. 11 + 43



N

PROJECT ENDS
STA. 177 + 11.7

GROSS LENGTH = NET LENGTH = 16568.7 FT. = 3.1 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 20 2018
Anthony J. Quigley / CAB
REGIONAL ENGINEER

May 11 2018
ENGINEER OF DESIGN AND ENVIRONMENT

May 1 2018
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: DAN WILGREEN (847) 705–4240
PROJECT MANAGER: FAWAD AQUEEL (847) 705–4247

CONTRACT NO. 62F74

INDEX OF SHEETS

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-04	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
424031-01	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
604001-04	FRAME AND LIDS, TYPE 1
604091-03	FRAME AND GRATE, TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS FOR MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600m) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE 1W OR 2W WITH NONTRANSVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
886001-01	DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC.
2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURBS AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF BERWYN, AND TOWN OF CICERO.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION OF THE DEPARTMENT.
5. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENTMARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
7. ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL, P.C.C. SIDEWALK 5", AND DRAINAGE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
9. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
10. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.
11. THE RESIDENT ENGINEER SHALL CONTACT CORY JUCIUS, ARTERIAL TRAFFIC FIELD ENGINEER, AT CORY.JUCIUS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
12. 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.
13. 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
14. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
15. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
16. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
17. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS. WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).
18. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
19. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS
20. PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
21. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005					
20200100	EARTH EXCAVATION	CU YD	258	258					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	267	267					
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	267	267					
25200200	SUPPLEMENTAL WATERING	UNIT	2.7	2.7					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	78263	78263					
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	174	174					
	FLANGEWAYS								
40600827	POLYMERIZED LEVELING BINDER (MACHINE	TON	4783	4783					
	METHOD), IL-4.75, N50								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SQ YD	2414	2414					
	JOINT								
42001300	PROTECTIVE COAT	SQ YD	6547	6547					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5	SQ FT	47200	47200					
	INCH								
42400800	DETECTABLE WARNINGS	SQ FT	2137	2137					

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URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2	SQ YD	115945	115945					
	1/2"								
44000600	SIDEWALK REMOVAL	SQ FT	47200	47200					
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	396	396					
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	161	161					
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	721	721					
☐ 60255410	CATCH BASINS TO BE CLEANED	EACH	6	6					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	8	8					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	14	14					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	258	258					
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701606								
	☐ 100 % STATE * SPECIALTY ITEM								

14

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	3
		CONTRACT NO. 62F74		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005					
70102630	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701601								
70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701701								
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701801								
70300100	SHORT TERM PAVEMENT MARKING	FOOT	47228	47228					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7879	7879					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND	SQ FT	2473	2473					
	SYMBOLS								
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	54087	54087					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	11056	11056					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	805	805					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	177	177					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	6836	6836					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	11807	11807					
* 78000100	THERMOPLASTIC PAVEMENT MARKING -	SQ FT	2473	2473					
	LETTERS AND SYMBOLS								
13									

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	54087	54087					
	4"								
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	11056	11056					
	6"								
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	805	805					
	8"								
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	177	177					
	12"								
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	6836	6836					
	24"								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	790	790					
78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	790	790					
	REMOVAL								
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	7459	7459					
* 89502376	REBUILD EXISTING HANDHOLE	EACH	60	60					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	4482	4482					
X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	11363	11363					
	COURSE, STONE MATRIX ASPHALT, 9.5, N80								
12 *	SPECIALTY ITEMS								

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	4
		CONTRACT NO. 62F74		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

URBAN

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: 80% FED 20% STATE 0005					
X6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	109	109					
	(SPECIAL)								
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	39775	39775					
Z0004562	COMBINATION CONCRETE CURB AND GUTTER	FOOT	5859	5859					
	REMOVAL AND REPLACEMENT								
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4					
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	37567	37567					
Ø Z0076600	TRAINEES	HOUR	500	500					
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500					

5

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: 80% FED 20% STATE 0005					

* SPECIALTY ITEMS
Ø 0042

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	5

CONTRACT NO. 62F74

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 11+43 AND STA. 177+11.7

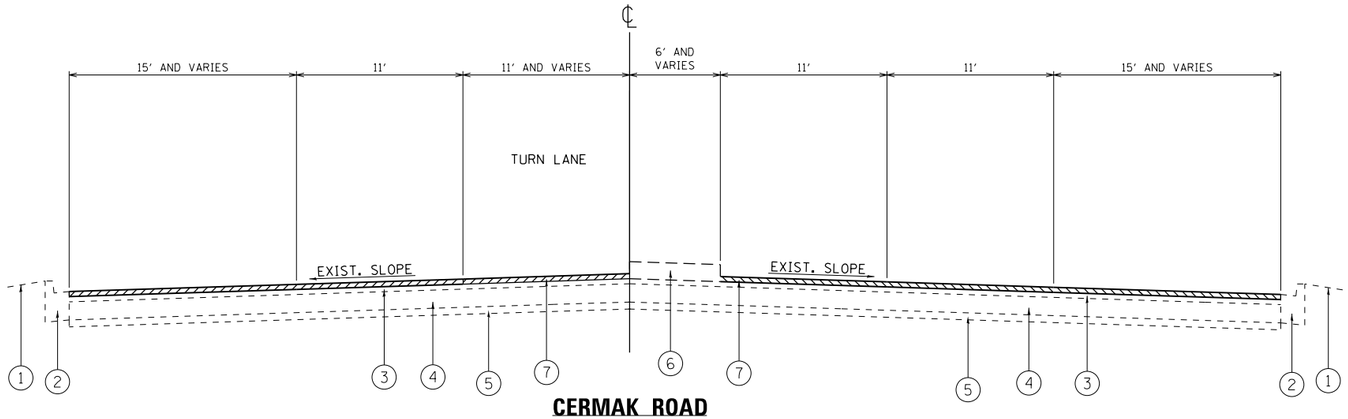
HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING	POLYMERIZED HMA SURFACE COURSE, SMA, N80, (IL 9.5 mm); 1 3/4"	3.5% @ 80 GYR.	PFP
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QCP
PATCHING	CLASS D PATCHES (HMA BINDER IL-19.0 mm)	4% @ 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/SQ YD/IN.

NOTE 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 DISTRICT ONE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

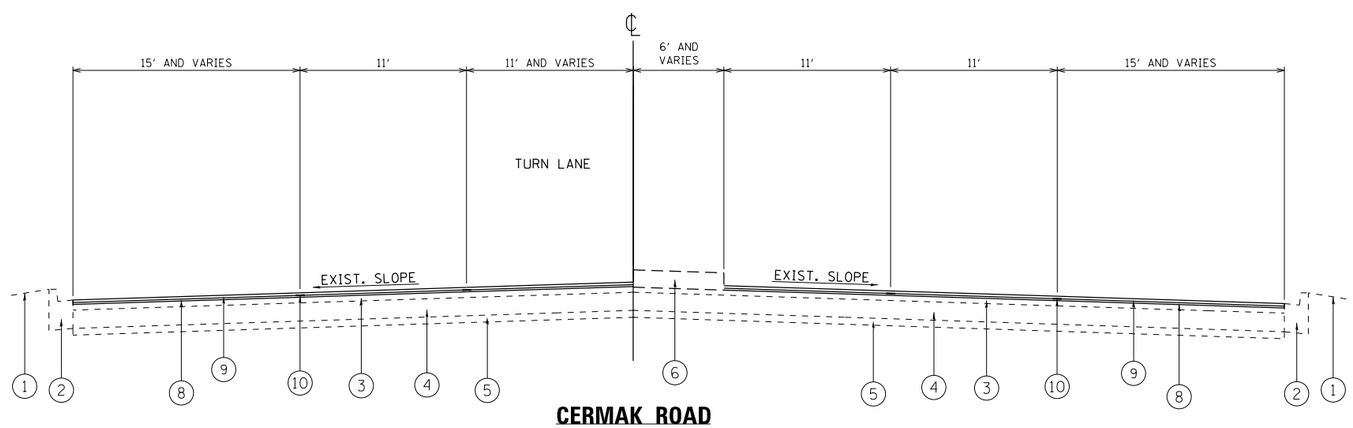


CERMAK ROAD

EXISTING TYPICAL SECTION

STA. 11+43 TO STA. 22+74

STA. 171+00 TO STA. 177+11.7



CERMAK ROAD

PROPOSED TYPICAL SECTION

STA. 11+43 TO STA. 22+74

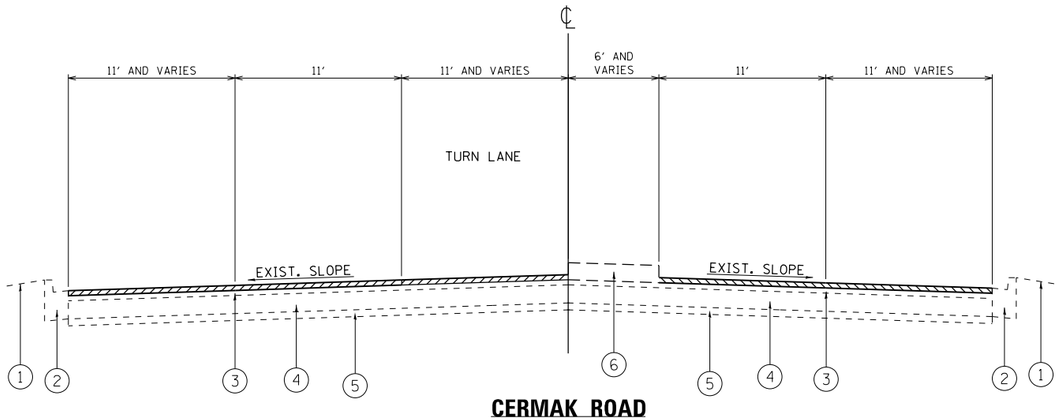
STA. 171+00 TO STA. 177+11.7

LEGEND:

1. EXISTING SIDEWALK
2. EXISTING COMB. CONC. CURB AND GUTTER, B6.12
3. EXISTING HMA SURFACE COURSE, ± 5.5''
4. EXISTING PCC BASE COURSE, ± 9''
5. EXISTING SUB-BASE
6. EXISTING CONCRETE MEDIAN
7. PROPOSED HMA SURFACE REMOVAL, 2½''
8. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4''
9. PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, N80, 1 3/4''
10. PROPOSED LONGITUDINAL JOINT SEALANT

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 11+43 AND STA. 177+11.7
2. LONGITUDINAL JOINT SEALANT TO BE PLACED OVER POLY. LEVELING BINDER (MM) IL-4.75, N50 WHERE SURFACE MIX JOINT WILL BE LOCATED

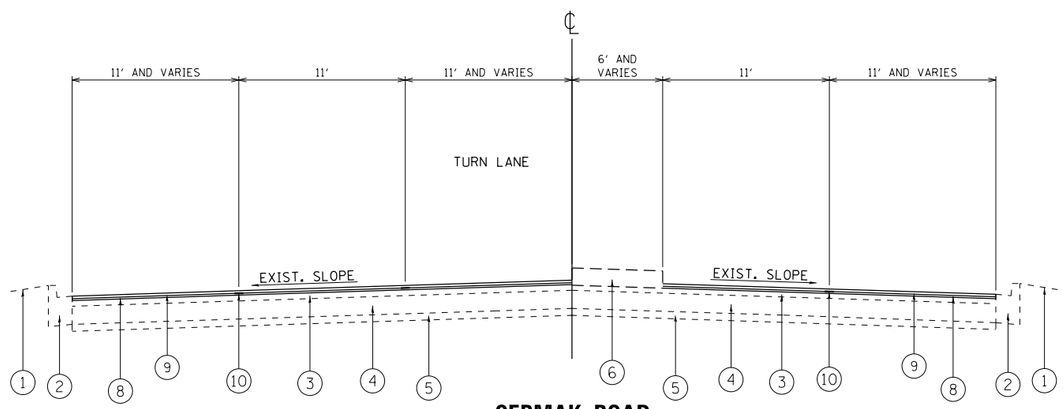


CERMAK ROAD
EXISTING TYPICAL SECTION

STA. 22+74 TO STA. 27+00
STA. 48+00 TO STA. 61+00
STA. 64+00 TO STA. 71+00
STA. 74+00 TO STA. 77+93
STA. 81+00 TO STA. 84+62
STA. 87+70 TO STA. 111+00
STA. 114+23 TO STA. 171+00

LEGEND:

1. EXISTING SIDEWALK
2. EXISTING COMB. CONC. CURB AND GUTTER, B6.12
3. EXISTING HMA SURFACE COURSE, ± 5.5"
4. EXISTING PCC BASE COURSE, ± 9"
5. EXISTING SUB-BASE
6. EXISTING CONCRETE MEDIAN
7. PROPOSED HMA SURFACE REMOVAL, 2½"
8. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
9. PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, N80, 1 3/4"
10. PROPOSED LONGITUDINAL JOINT SEALANT



CERMAK ROAD
PROPOSED TYPICAL SECTION

STA. 22+74 TO STA. 27+00
STA. 48+00 TO STA. 61+00
STA. 64+00 TO STA. 71+00
STA. 74+00 TO STA. 77+93
STA. 81+00 TO STA. 84+62
STA. 87+70 TO STA. 111+00
STA. 114+23 TO STA. 171+00

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 22+74 AND STA. 171+00
2. LONGITUDINAL JOINT SEALANT TO BE PLACED OVER POLY. LEVELING BINDER (MM) IL-4.75, N50 WHERE SURFACE MIX JOINT WILL BE LOCATED

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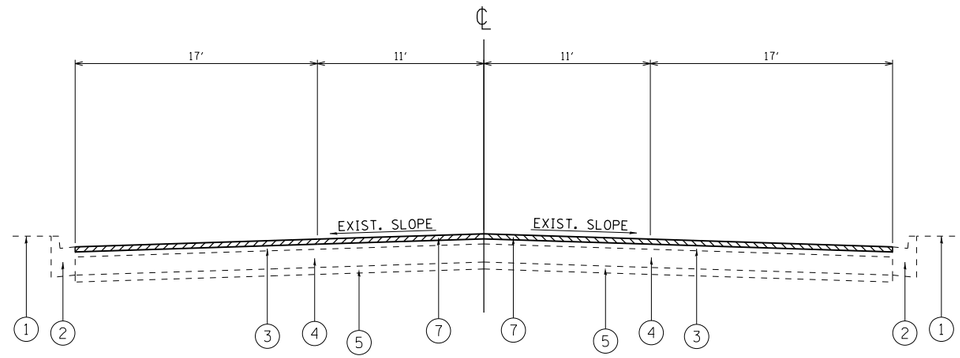
PLOT DATE = 3/23/2018	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

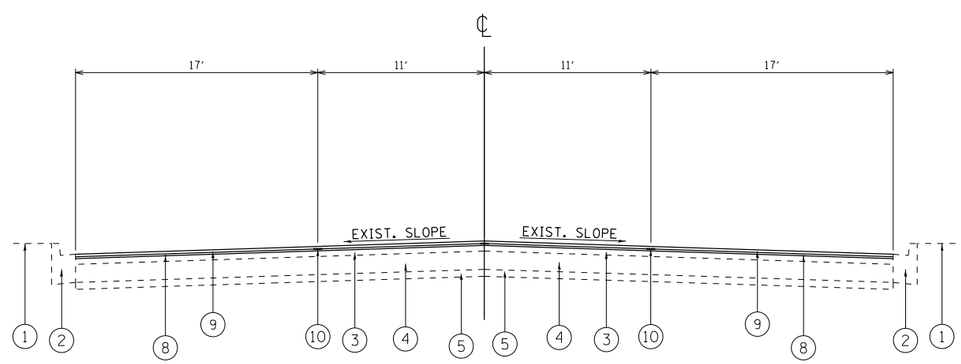
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	8
		CONTRACT NO. 62F74		
	ILLINOIS	FED. AID PROJECT		



CERMAK ROAD

EXISTING TYPICAL SECTION

STA. 27+00 TO STA. 48+00



CERMAK ROAD

PROPOSED TYPICAL SECTION

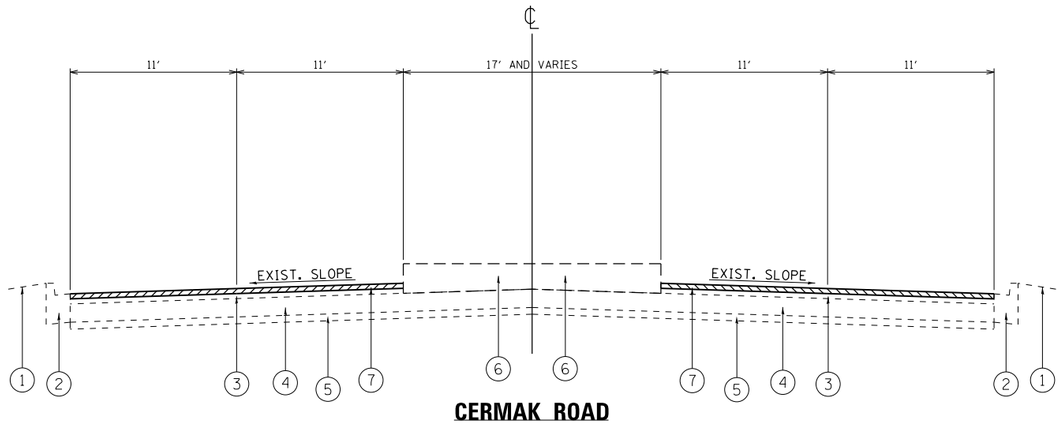
STA. 27+00 TO STA. 48+00

LEGEND:

1. EXISTING SIDEWALK
2. EXISTING COMB. CONC. CURB AND GUTTER, B6.12
3. EXISTING HMA SURFACE COURSE, ± 5.5''
4. EXISTING PCC BASE COURSE, ± 9''
5. EXISTING SUB-BASE
6. EXISTING CONCRETE MEDIAN
7. PROPOSED HMA SURFACE REMOVAL, 2½''
8. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4''
9. PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, N80, 1 3/4''
10. PROPOSED LONGITUDINAL JOINT SEALANT

NOTES:

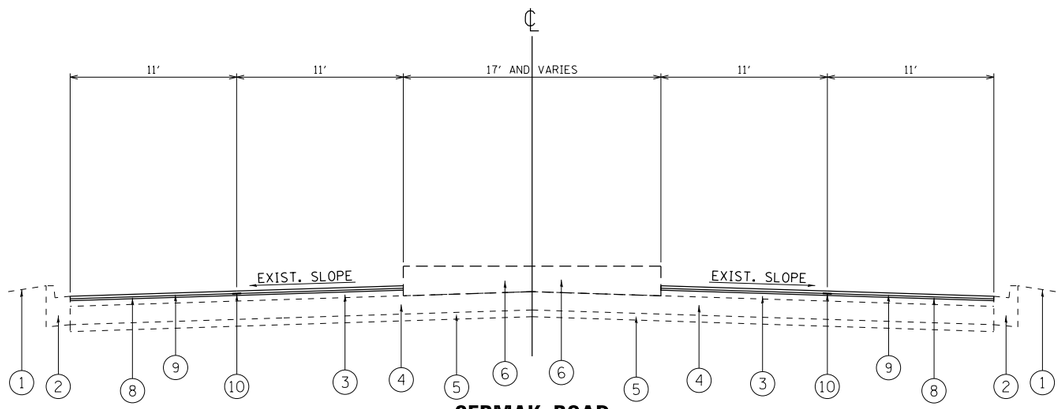
1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 27+00 AND STA. 48+00
2. LONGITUDINAL JOINT SEALANT TO BE PLACED OVER POLY. LEVELING BINDER (MM) IL-4.75, N50 WHERE SURFACE MIX JOINT WILL BE LOCATED



CERMAK ROAD

EXISTING TYPICAL SECTION

STA. 61+00 TO STA. 64+00
STA. 71+00 TO STA. 74+00
STA. 77+93 TO STA. 81+00
STA. 84+62 TO STA. 87+70
STA. 111+00 TO STA. 114+23
STA. 84+62 TO STA. 87+70
STA. 111+00 TO STA. 114+23



CERMAK ROAD

PROPOSED TYPICAL SECTION

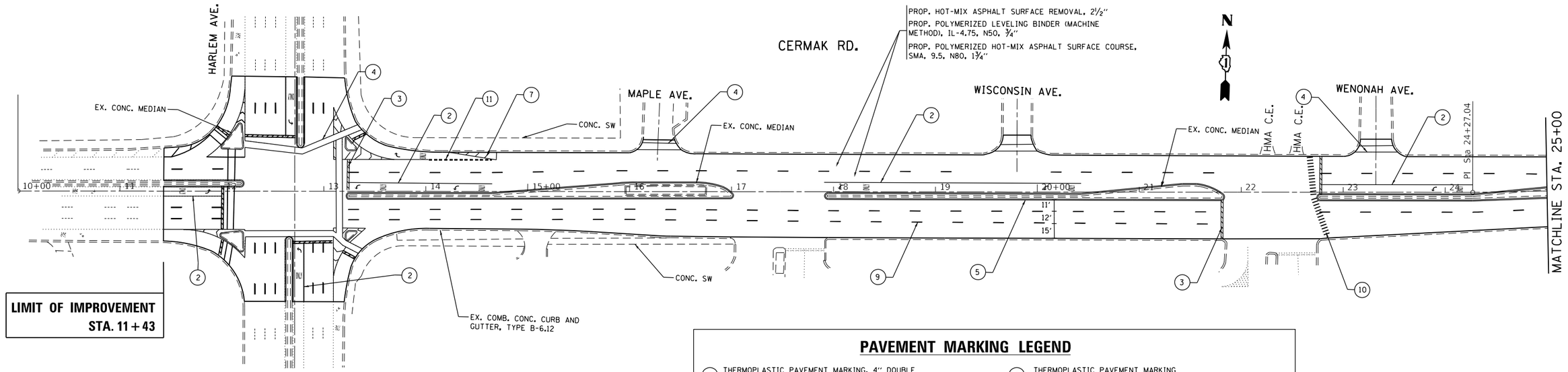
STA. 61+00 TO STA. 64+00
STA. 71+00 TO STA. 74+00
STA. 77+93 TO STA. 81+00
STA. 84+62 TO STA. 87+70
STA. 111+00 TO STA. 114+23
STA. 84+62 TO STA. 87+70
STA. 111+00 TO STA. 114+23

LEGEND:

1. EXISTING SIDEWALK
2. EXISTING COMB. CONC. CURB AND GUTTER, B6.12
3. EXISTING HMA SURFACE COURSE, ± 5.5"
4. EXISTING PCC BASE COURSE, ± 9"
5. EXISTING SUB-BASE
6. EXISTING CONCRETE MEDIAN
7. PROPOSED HMA SURFACE REMOVAL, 2½"
8. PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
9. PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, N80, 1 3/4"
10. PROPOSED LONGITUDINAL JOINT SEALANT

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 61+00 AND STA. 114+23
2. LONGITUDINAL JOINT SEALANT TO BE PLACED OVER POLY. LEVELING BINDER (MM) IL-4.75, N50 WHERE SURFACE MIX JOINT WILL BE LOCATED



PAVEMENT MARKING LEGEND

1. THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
2. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)
3. THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)
4. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
5. THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)
6. THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID WHITE LINE (TYP.)
7. THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (5 MINIMUM) (TYP.)
8. THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS, SOLID WHITE (TYP.)
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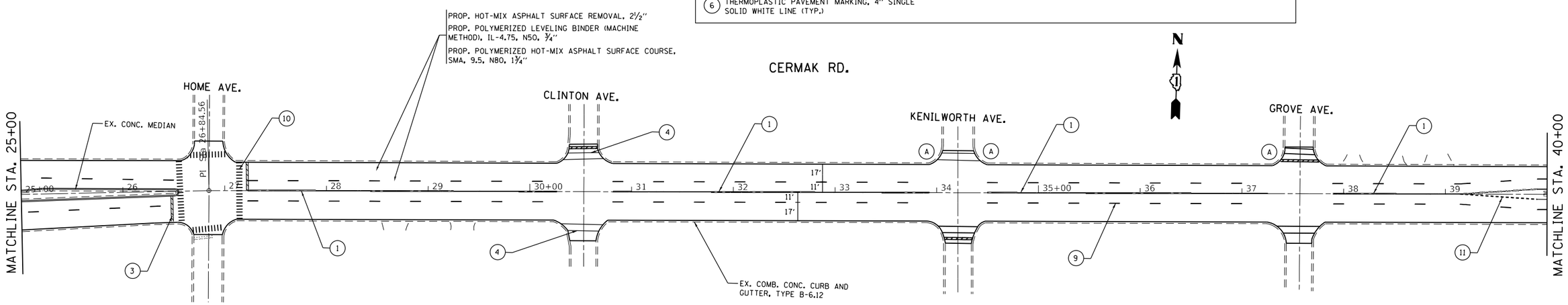

(A) PROP. PEDESTRIAN RAMP (ADA) IMPROVEMENTS

USER NAME = Bilgramisa	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/23/2018	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN CERMAK ROAD
IL. RTE. 43 (HARLEM AVE.) TO IL. RTE. 50 (CICERO AVE.)

SCALE: 1"=50' | SHEET OF SHEETS | STA. 12+18.1 TO STA. 40+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	11
		CONTRACT NO. 62F74		
	ILLINOIS	FED. AID PROJECT		

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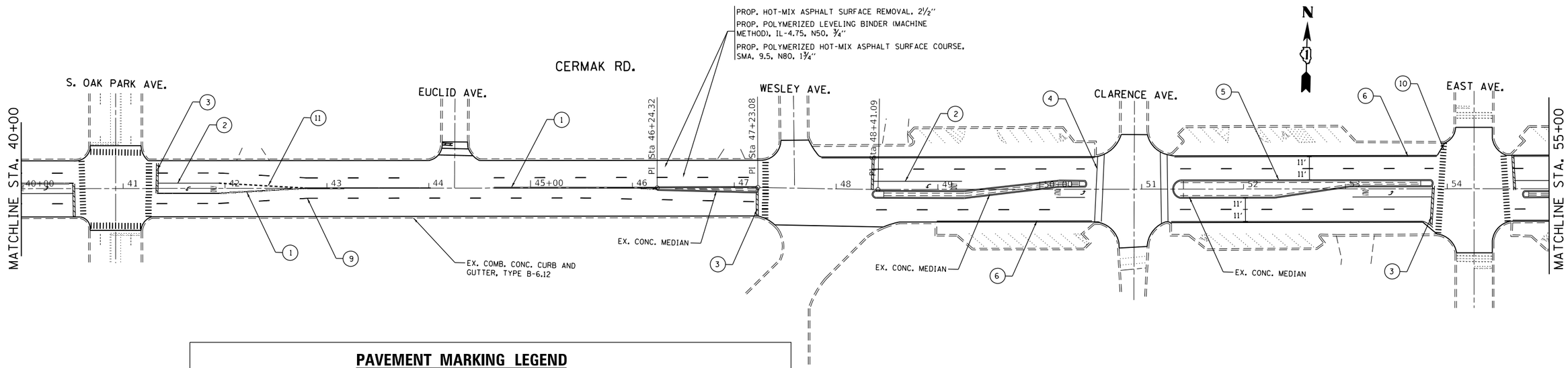

PAVEMENT MARKING LEGEND

1. THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
2. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.)
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4. THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED)
5. THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.)
6. THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID WHITE LINE (TYP.)
7. THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (5 MINIMUM) (TYP.)
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10. THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)
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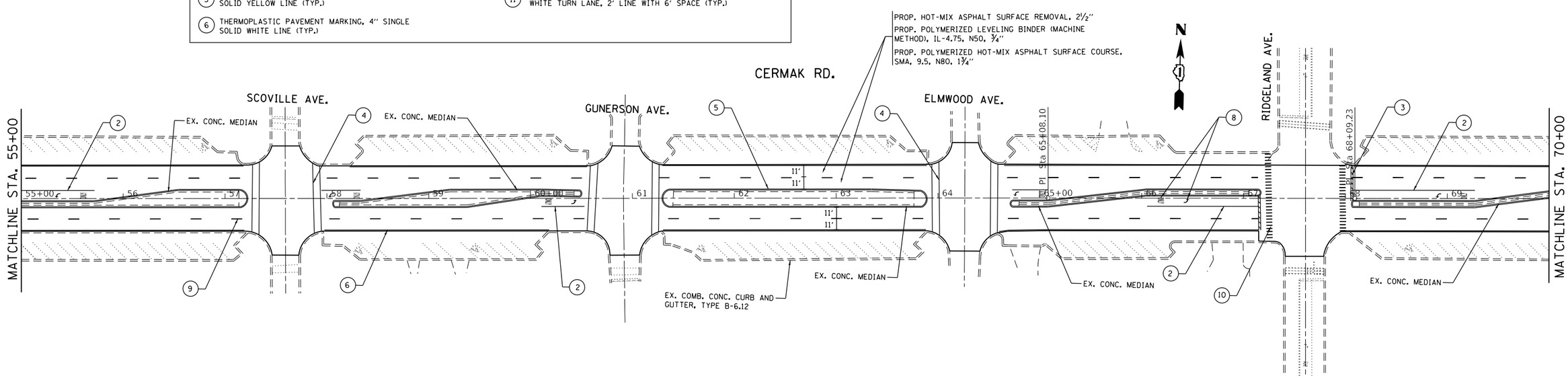

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PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN CERMAK RD.
IL. RTE. 43 (HARLEM AVE.) TO IL. RTE. 50 (CICERO AVE.)

SCALE: 1"=50' | SHEET OF SHEETS | STA. 40+00 TO STA. 70+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	12

CONTRACT NO. 62F74

ILLINOIS | FED. AID PROJECT

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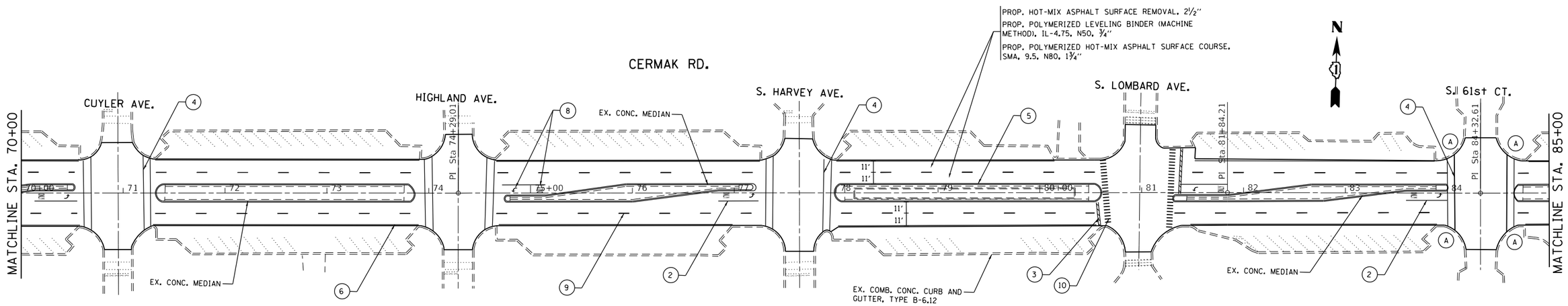

PAVEMENT MARKING LEGEND

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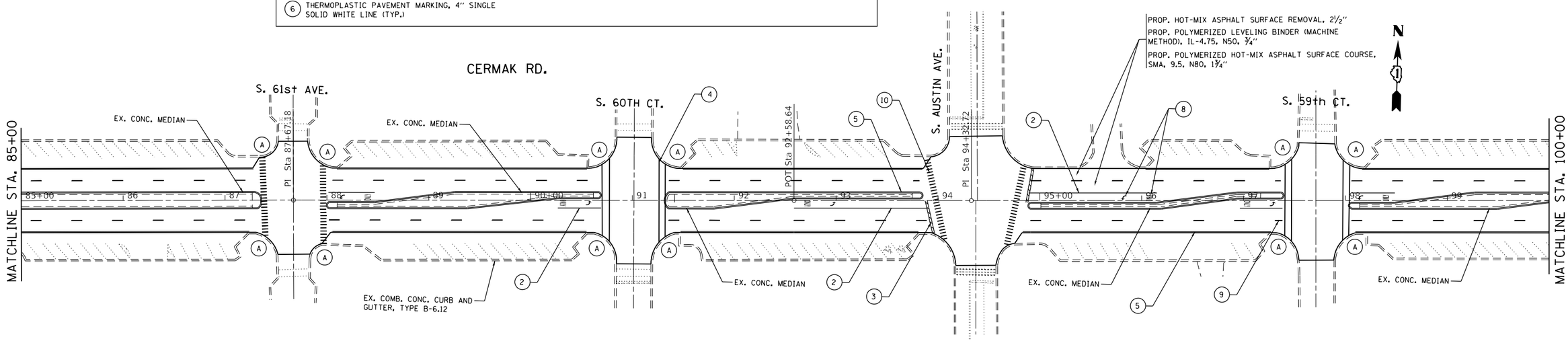
(A) PROP. PEDESTRIAN RAMP (ADA) IMPROVEMENTS



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PLOT DATE = 3/23/2018	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN CERMAK RD.
IL. RTE. 43 (HARLEM AVE.) TO IL. RTE. 50 (CICERO AVE.)

SCALE: 1"=50' | SHEET OF SHEETS | STA. 70+00 TO STA. 100+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	13

CONTRACT NO. 62F74

ILLINOIS | FED. AID PROJECT

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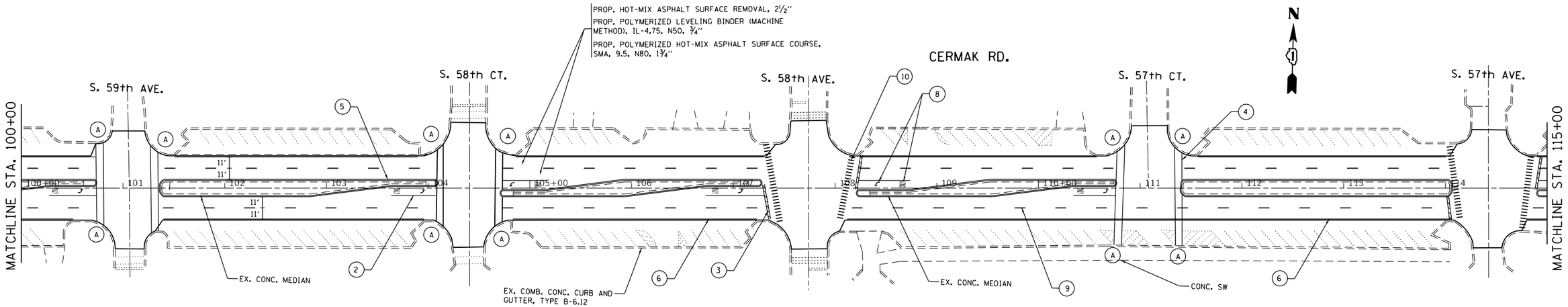

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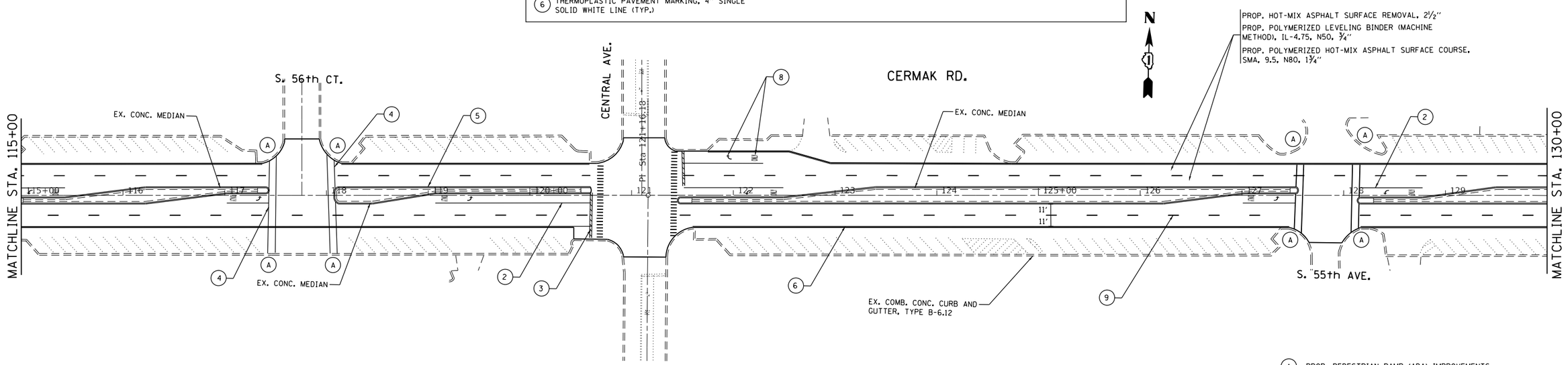
(A) PROP. PEDESTRIAN RAMP (ADA) IMPROVEMENTS



(A) PROP. PEDESTRIAN RAMP (ADA) IMPROVEMENTS

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	DRAWN -	REVISED -	
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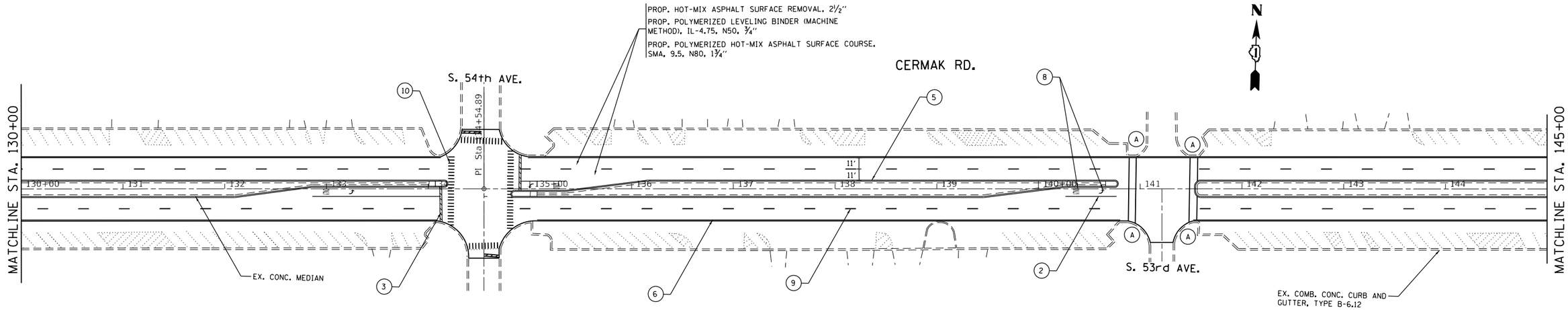
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN CERMAK RD.
IL. RTE. 43 (HARLEM AVE.) TO IL. RTE. 50 (CICERO AVE.)

SCALE: 1"=50' | SHEET OF SHEETS | STA. 100+00 TO STA. 130+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	14
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND

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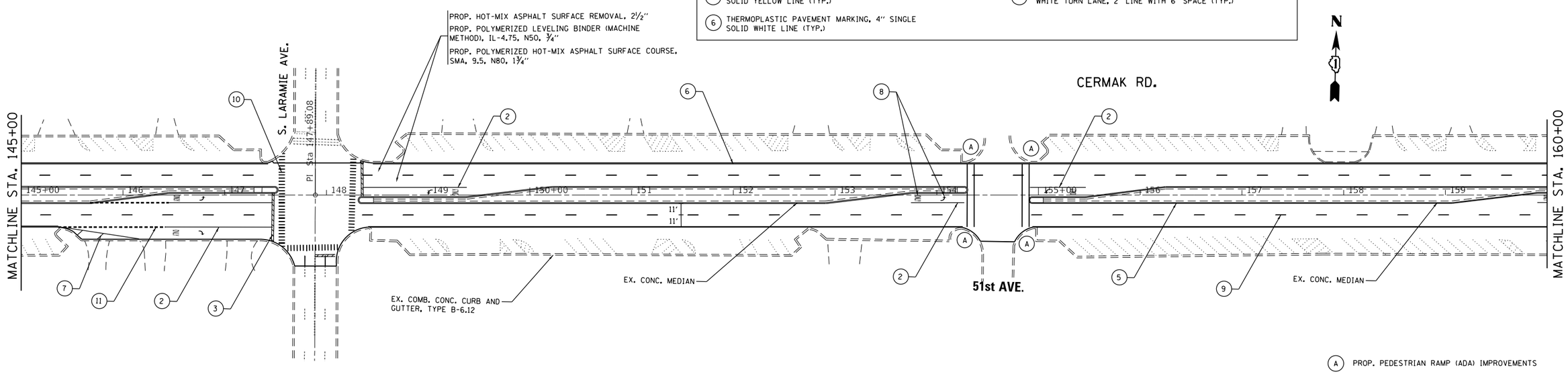
(A) PROP. PEDESTRIAN RAMP (ADA) IMPROVEMENTS



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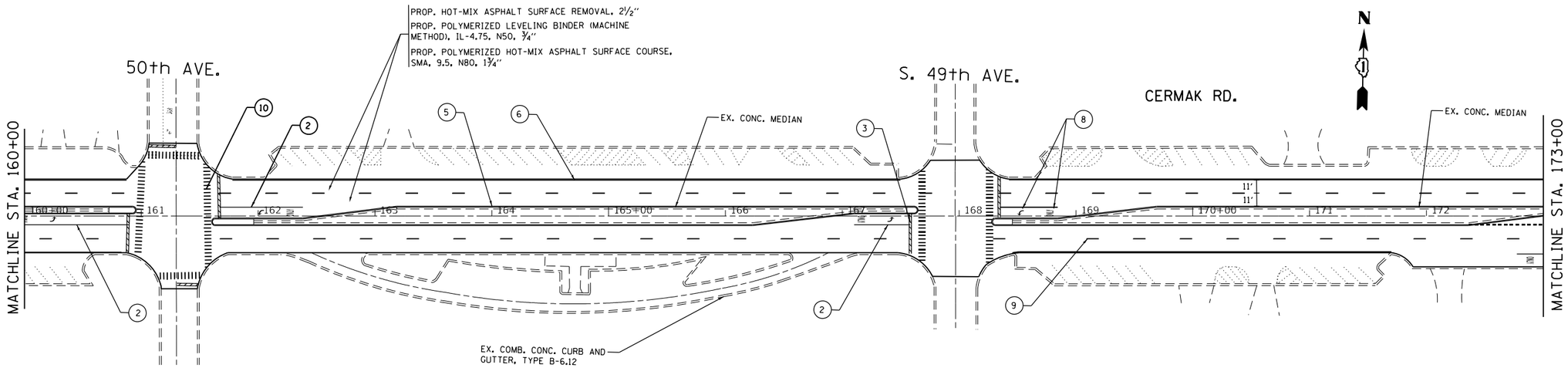
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN CERMAK RD.
IL. RTE. 43 (HARLEM AVE.) TO IL. RTE. 50 (CICERO AVE.)

SCALE: 1"=50' | SHEET OF SHEETS | STA. 130+00 TO STA. 160+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	15
		CONTRACT NO. 62F74		
	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND

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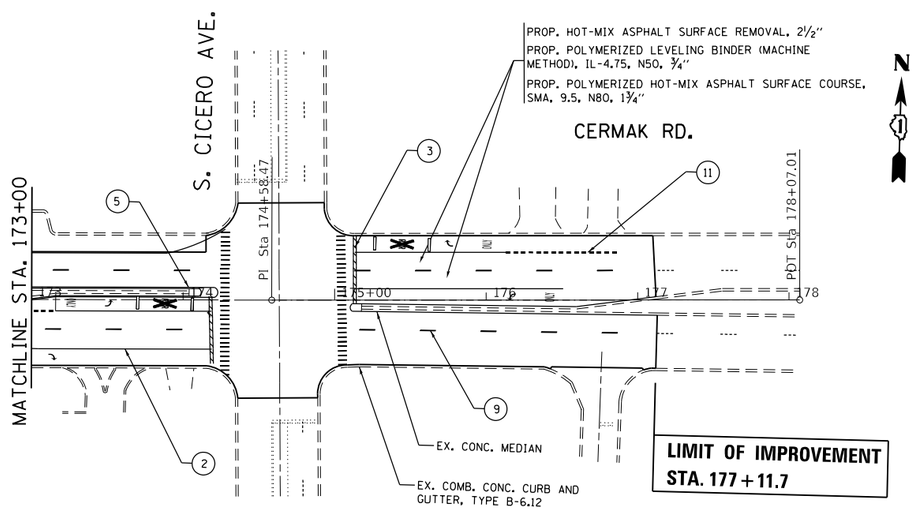

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	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/23/2018	DATE -	REVISED -	

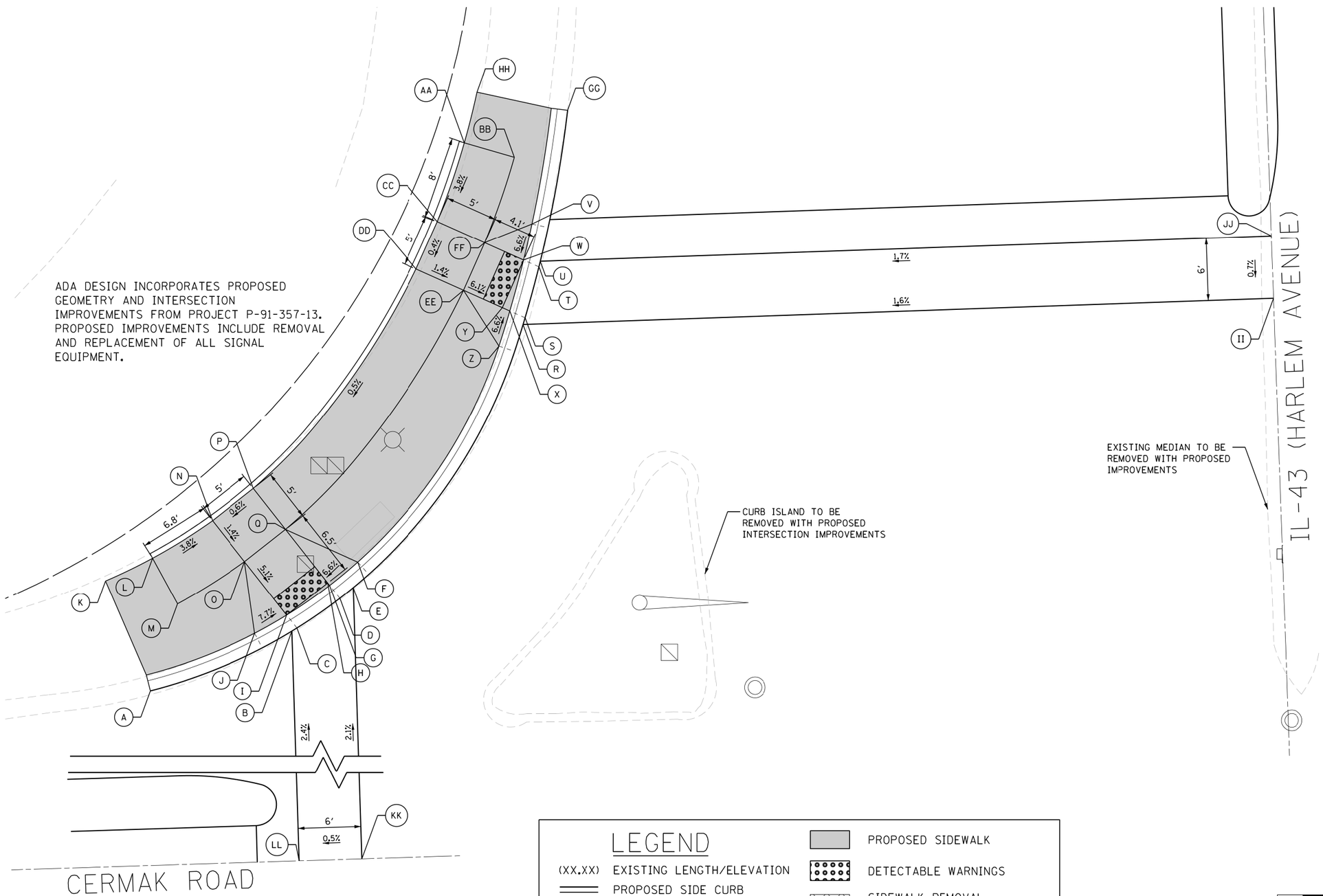
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN CERMAK RD.
IL. RTE. 43 (HARLEM AVE.) TO IL. RTE. 50 (CICERO AVE.)

SCALE: 1"=50' | SHEET OF SHEETS | STA. 150+00 TO STA. 177+11.7

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	16
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2346+86.88	35.91 L	(618.40)
B	2347+00.66	41.23 L	618.51
C	2347+01.15	41.52 L	618.51
D	2347+05.35	44.25 L	618.54
E	2347+06.66	45.24 L	618.55
F	2347+07.17	47.68 L	618.79
G	2347+04.41	45.53 L	618.56
H	2347+04.24	45.76 L	618.56
I	2347+00.21	42.80 L	618.53
J	2346+97.08	41.14 L	618.80
K	2346+82.93	46.63 L	(619.21)
L	2346+87.49	48.67 L	(619.19)
M	2346+89.74	44.20 L	(619.12)
N	2346+93.36	52.09 L	618.93
O	2346+96.33	48.06 L	618.86
P	2346+97.39	55.06 L	618.96
Q	2347+00.36	51.03 L	618.89
R	2347+23.77	69.96 L	618.73
S	2347+24.00	70.60 L	618.73
T	2347+25.47	75.44 L	618.76
U	2347+25.62	75.97 L	618.76
V	2347+24.94	79.59 L	619.01
W	2347+24.02	76.14 L	618.78
X	2347+22.55	71.30 L	618.75
Y	2347+21.84	71.64 L	618.76
Z	2347+21.40	67.97 L	618.98
AA	2347+18.69	87.56 L	(619.40)
BB	2347+23.45	86.03 L	619.33
CC	2347+15.84	80.10 L	619.10
DD	2347+13.66	75.60 L	619.08
EE	2347+18.16	73.42 L	619.01
FF	2347+20.34	77.92 L	619.03
GG	2347+28.70	90.37 L	(618.77)
HH	2347+20.06	92.37 L	(619.43)
II	2347+95.89	70.21 L	619.90
JJ	2347+95.87	76.21 L	619.94
KK	2347+06.66	0.00	619.52
LL	2347+00.66	0.00	619.49

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Harlem01.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & IL-43 (HARLEM AVENUE)

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

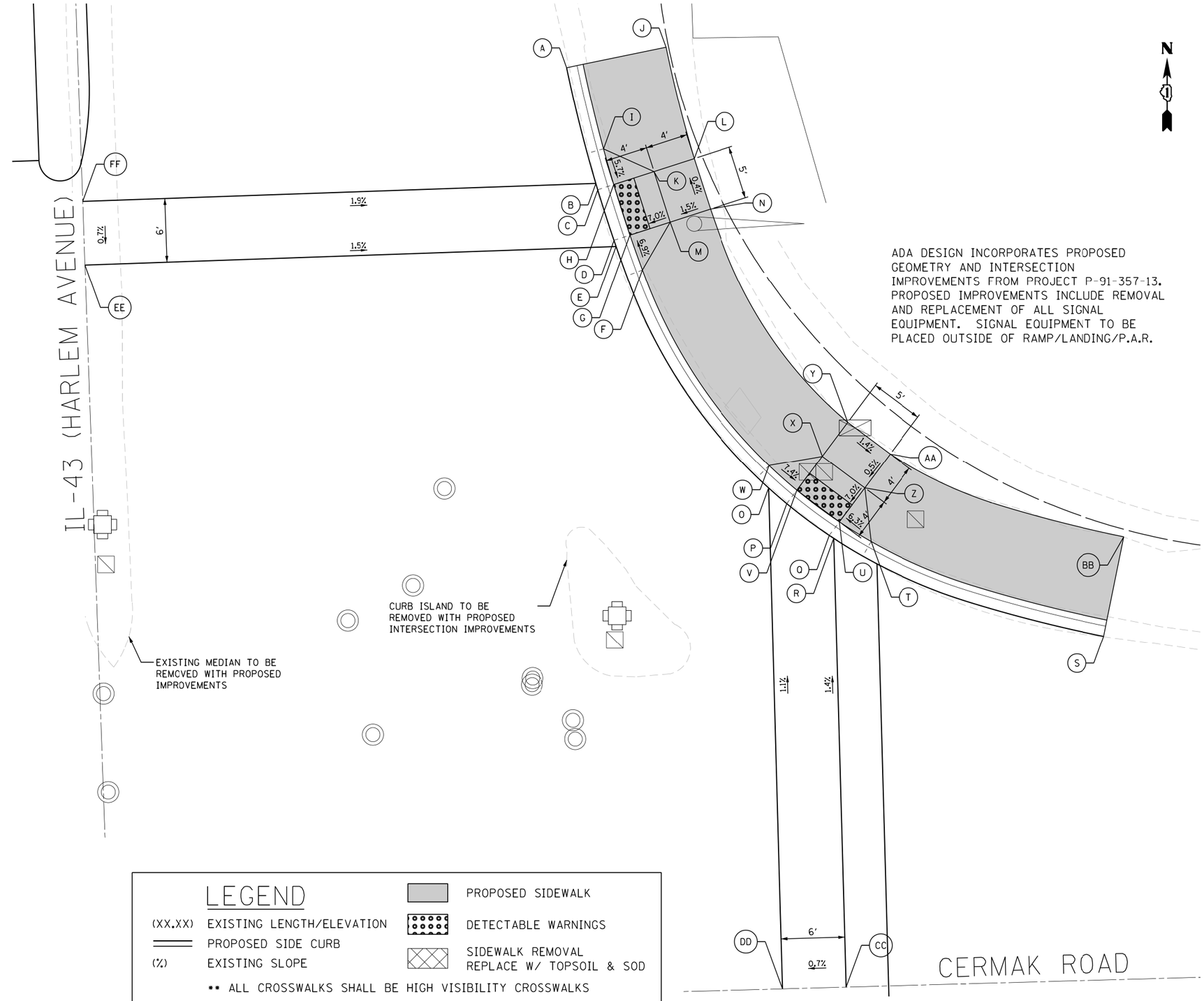
F.AJJ. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	17

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS

	STATION	OFFSET	ELEVATION
A	2348+41.66	87.60 L	(618.79)
B	2348+44.11	76.57 L	619.08
C	2348+44.28	75.98 L	619.10
D	2348+45.68	71.18 L	619.12
E	2348+45.85	70.58 L	619.13
F	2348+48.28	68.29 L	619.38
G	2348+47.19	71.62 L	619.14
H	2348+45.79	76.42 L	619.12
I	2348+44.92	79.81 L	619.32
J	2348+51.09	89.29 L	(619.43)
K	2348+49.63	77.54 L	619.40
L	2348+53.47	78.66 L	(619.46)
M	2348+51.03	72.74 L	619.42
N	2348+54.87	73.86 L	(619.48)
O	2348+59.66	47.36 L	619.32
P	2348+61.33	45.83 L	619.34
Q	2348+65.25	42.73 L	619.27
R	2348+65.66	42.44 L	619.26
S	2348+90.93	32.49 L	(618.71)
T	2348+69.17	42.04 L	619.51
U	2348+66.24	43.97 L	619.29
V	2348+66.24	43.97 L	619.29
W	2348+59.76	49.49 L	619.62
X	2348+64.80	50.22 L	619.64
Y	2348+67.28	53.36 L	(619.66)
Z	2348+68.72	47.12 L	619.57
AA	2348+71.21	50.26 L	(619.59)
BB	2348+93.09	41.82 L	(619.50)
CC	2348+65.66	0.00	619.86
DD	2348+59.66	0.00	619.82
EE	2347+95.89	70.21 L	619.90
FF	2347+95.87	76.21 L	619.94



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Harlem02.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & IL-43 (HARLEM AVENUE)

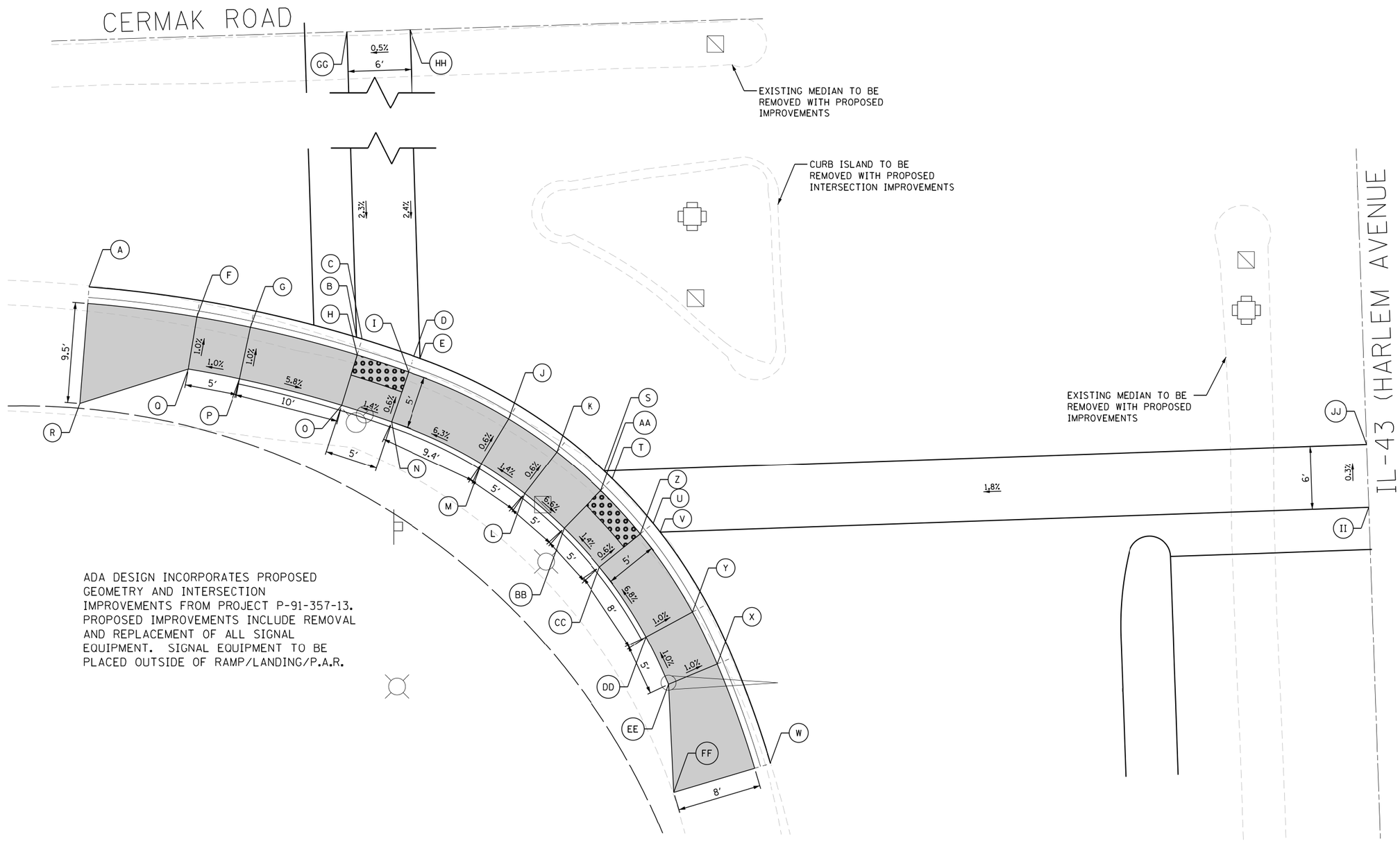
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	18

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



ADA DESIGN INCORPORATES PROPOSED GEOMETRY AND INTERSECTION IMPROVEMENTS FROM PROJECT P-91-357-13. PROPOSED IMPROVEMENTS INCLUDE REMOVAL AND REPLACEMENT OF ALL SIGNAL EQUIPMENT. SIGNAL EQUIPMENT TO BE PLACED OUTSIDE OF RAMP/LANDING/P.A.R.

	STATION	OFFSET	ELEVATION
A	2346+75.42	58.96 R	(617.96)
B	2347+00.66	64.53 R	618.00
C	2347+01.18	64.71 R	618.01
D	2347+06.08	66.50 R	618.08
E	2347+06.66	66.73 R	618.09
F	2346+85.56	62.13 R	618.55
G	2346+90.66	63.27 R	618.59
H	2347+00.67	66.21 R	618.03
I	2347+05.50	67.98 R	618.10
J	2347+14.90	72.72 R	618.69
K	2347+19.39	76.02 R	618.76
L	2347+16.20	79.88 R	618.79
M	2347+12.17	76.92 R	618.72
N	2347+03.75	72.66 R	618.13
O	2346+99.05	70.94 R	618.06
P	2346+89.46	68.12 R	618.64
Q	2346+84.58	67.03 R	618.59
R	2346+74.21	69.98 R	(618.55)
S	2347+23.87	77.97 R	618.40
T	2347+24.61	78.72 R	618.41
U	2347+28.35	83.10 R	618.48
V	2347+28.98	83.95 R	618.49
W	2347+38.76	106.28 R	(618.67)
X	2347+33.99	96.66 R	619.07
Y	2347+31.80	91.62 R	619.02
Z	2347+27.09	84.06 R	618.50
AA	2347+23.47	79.82 R	618.43
BB	2347+19.86	83.28 R	618.46
CC	2347+23.11	87.08 R	618.53
DD	2347+27.33	93.86 R	619.07
EE	2347+29.32	98.45 R	619.12
FF	2347+29.49	108.72 R	(619.22)
GG	2347+00.66	0.00	619.49
HH	2347+06.66	0.00	619.52
II	2347+96.75	83.71 R	619.72
JJ	2347+96.71	77.71 R	619.70

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Harlem03.dgn	USER NAME = jirobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & IL-43 (HARLEM AVENUE)

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

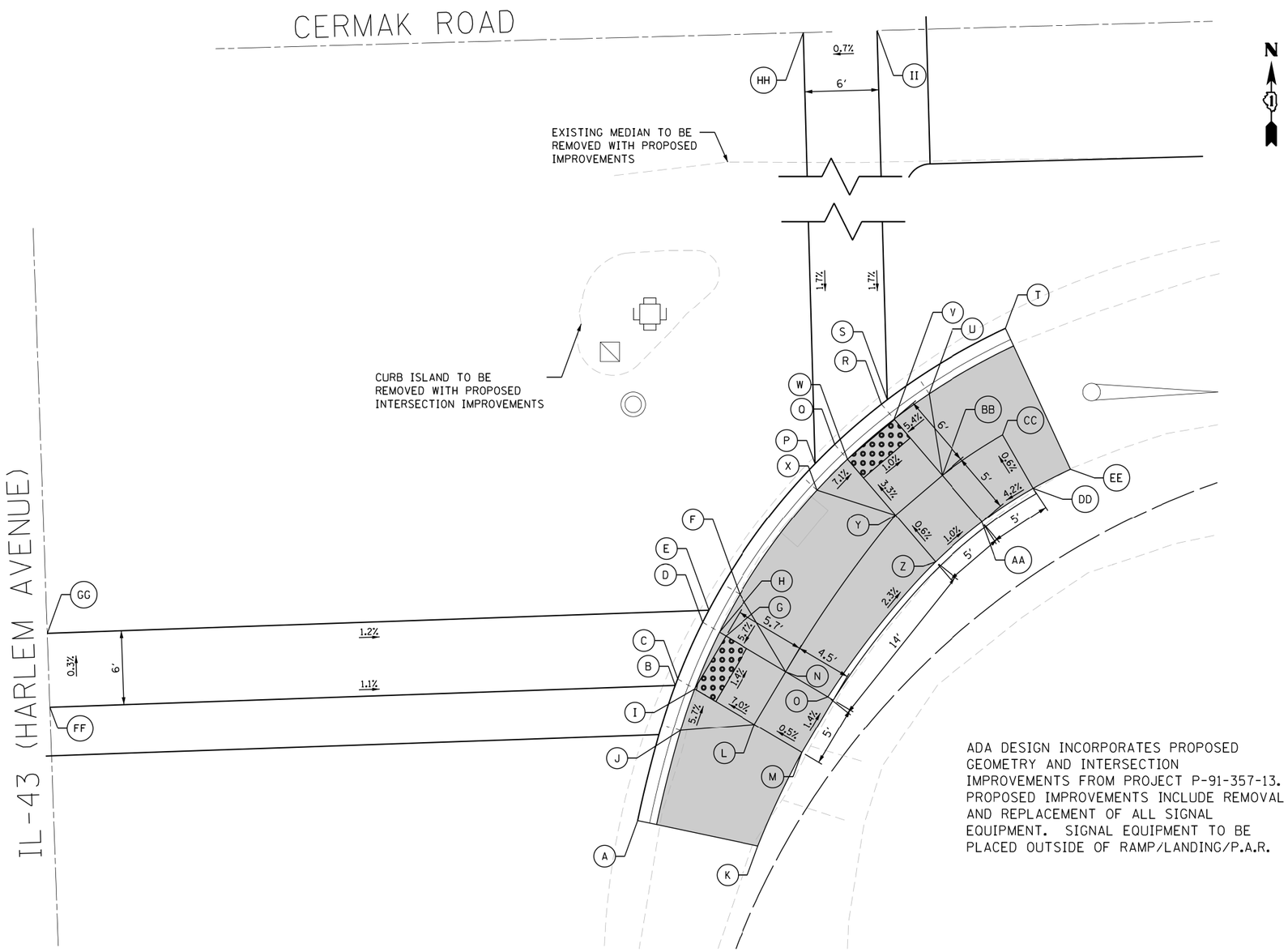
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	19

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS

	STATION	OFFSET	ELEVATION
A	2348+44.39	94.30 R	(618.92)
B	2348+47.75	83.34 R	619.14
C	2348+47.96	82.82 R	619.16
D	2348+50.13	78.28 R	619.09
E	2348+50.66	77.31 R	619.08
F	2348+53.23	76.09 R	619.29
G	2348+51.99	79.45 R	619.09
H	2348+51.47	79.12 R	619.09
I	2348+49.32	83.68 R	619.16
J	2348+48.08	87.03 R	619.36
K	2348+54.15	96.63 R	(619.55)
L	2348+54.15	96.63 R	(619.55)
M	2348+57.94	89.11 R	(619.58)
N	2348+56.80	82.48 R	619.49
O	2348+60.18	84.62 R	(619.51)
P	2348+59.66	65.62 R	618.99
Q	2348+61.29	64.10 R	618.96
R	2348+65.18	60.95 R	618.91
S	2348+65.66	60.60 R	618.91
T	2348+75.48	55.07 R	(618.87)
U	2348+69.08	60.21 R	619.10
V	2348+66.18	62.18 R	618.91
W	2348+62.29	65.33 R	618.96
X	2348+59.76	67.77 R	619.21
Y	2348+66.08	70.00 R	619.16
Z	2348+69.23	73.89 R	619.19
AA	2348+73.11	70.74 R	619.14
BB	2348+69.96	66.85 R	619.11
CC	2348+75.00	63.70 R	619.32
DD	2348+77.36	68.11 R	(619.35)
EE	2348+80.43	66.64 R	(619.28)
FF	2347+96.75	83.71 R	619.72
GG	2347+96.71	77.71 R	619.70
HH	2348+59.66	0.00	619.82
II	2348+65.66	0.00	619.86



ADA DESIGN INCORPORATES PROPOSED GEOMETRY AND INTERSECTION IMPROVEMENTS FROM PROJECT P-91-357-13. PROPOSED IMPROVEMENTS INCLUDE REMOVAL AND REPLACEMENT OF ALL SIGNAL EQUIPMENT. SIGNAL EQUIPMENT TO BE PLACED OUTSIDE OF RAMP/LANDING/P.A.R.

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Harlem@4.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & IL-43 (HARLEM AVENUE)

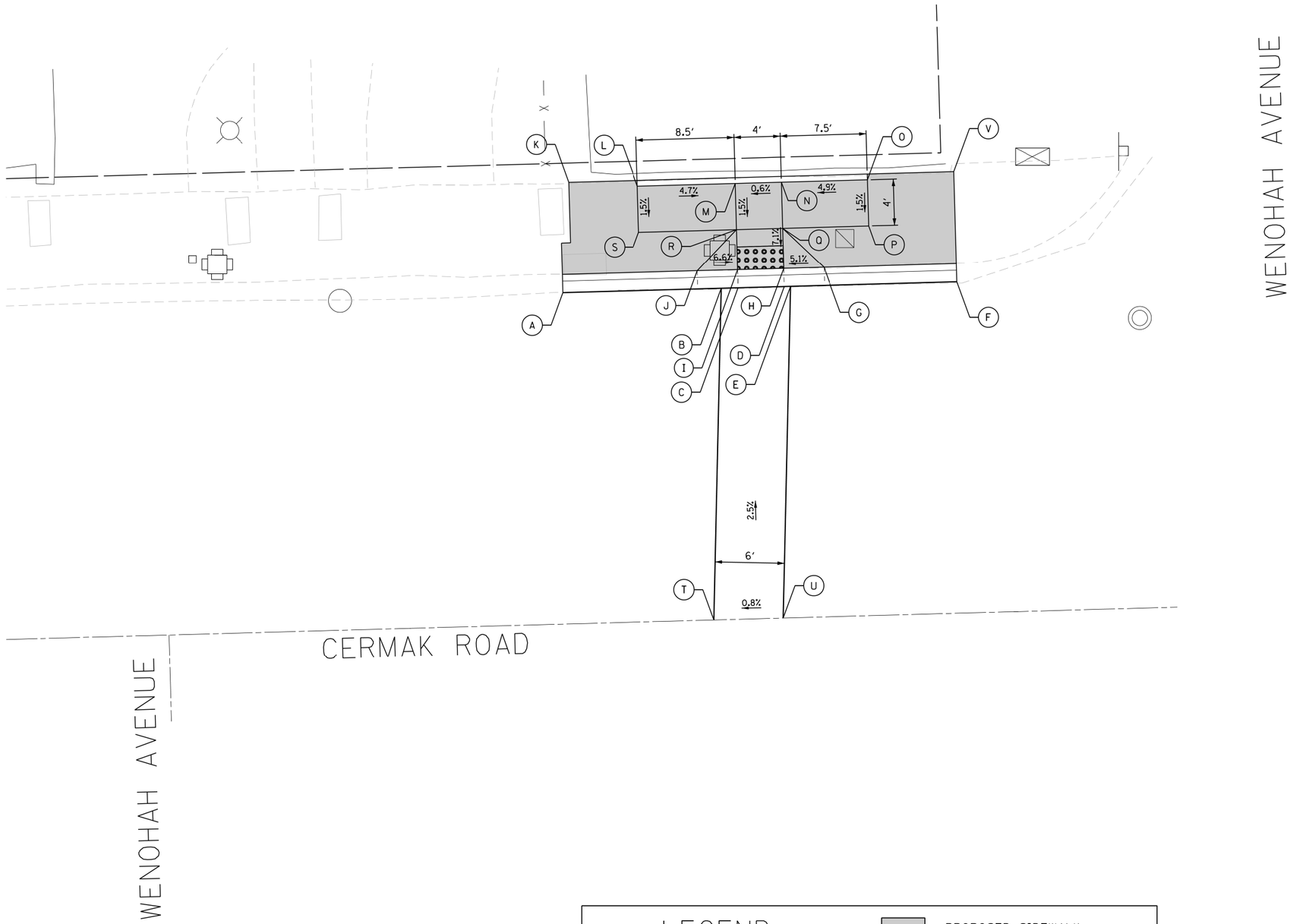
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	20

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2357+85.25	28.75 L	(617.65)
B	2357+99.04	28.75 L	617.92
C	2358+00.51	28.75 L	617.94
D	2358+04.51	28.75 L	617.97
E	2358+05.05	28.75 L	617.97
F	2358+19.51	28.75 L	(617.87)
G	2358+08.01	30.33 L	618.18
H	2358+04.51	30.33 L	618.00
I	2358+00.51	30.33 L	617.97
J	2357+97.01	30.33 L	618.20
K	2357+86.04	38.33 L	(618.67)
L	2357+92.01	37.83 L	(618.68)
M	2358+00.51	37.83 L	618.28
N	2358+04.51	37.83 L	618.31
O	2358+12.01	37.83 L	(618.68)
P	2358+12.01	33.83 L	(618.62)
Q	2358+04.51	33.83 L	618.25
R	2358+00.51	33.83 L	618.22
S	2357+92.01	33.83 L	(618.62)
T	2357+97.61	0.00	618.64
U	2358+03.62	0.00	618.69
V	2358+19.51	38.33 L	(618.60)

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Wenonah01.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & WENONAH AVENUE

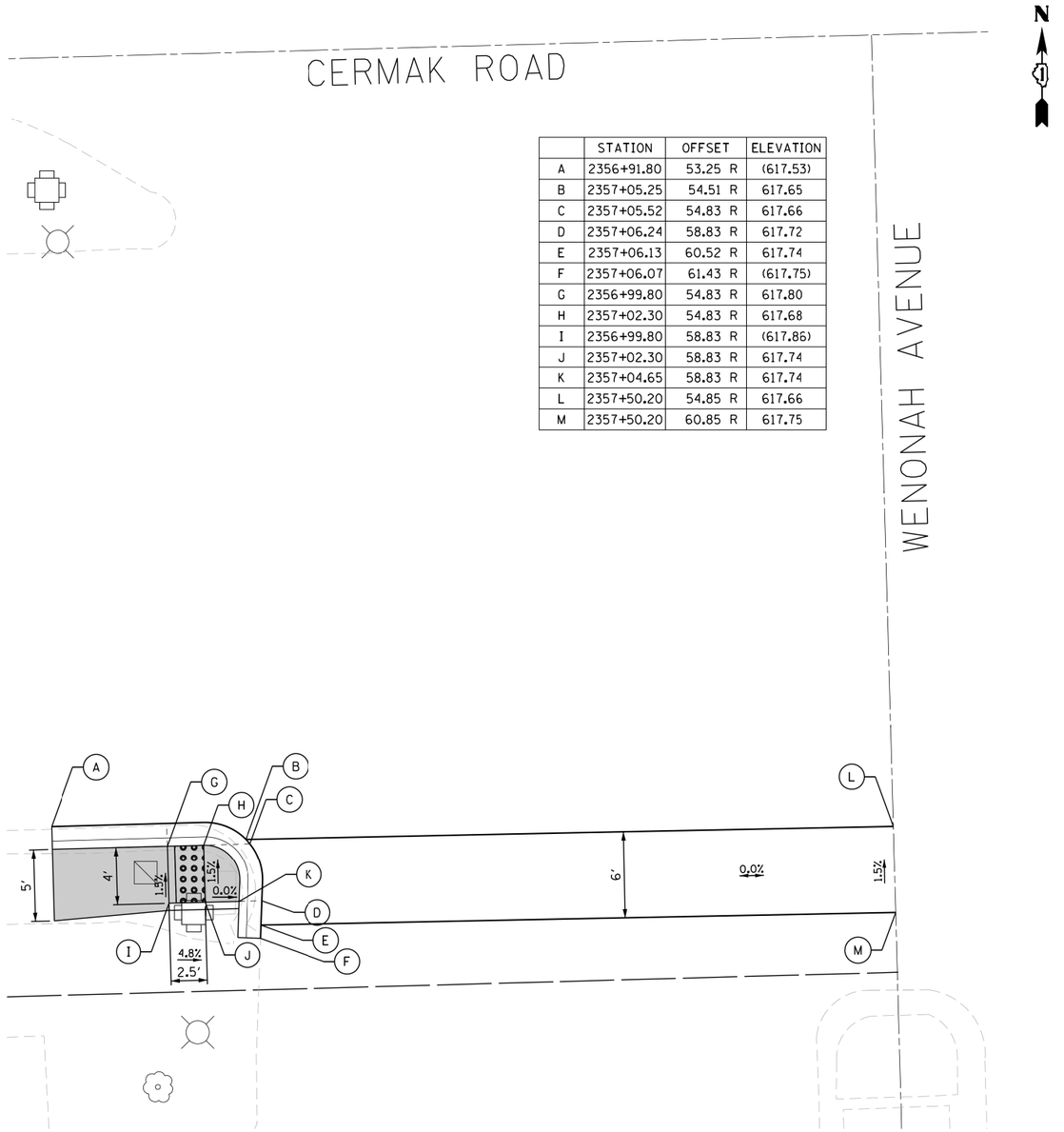
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	21

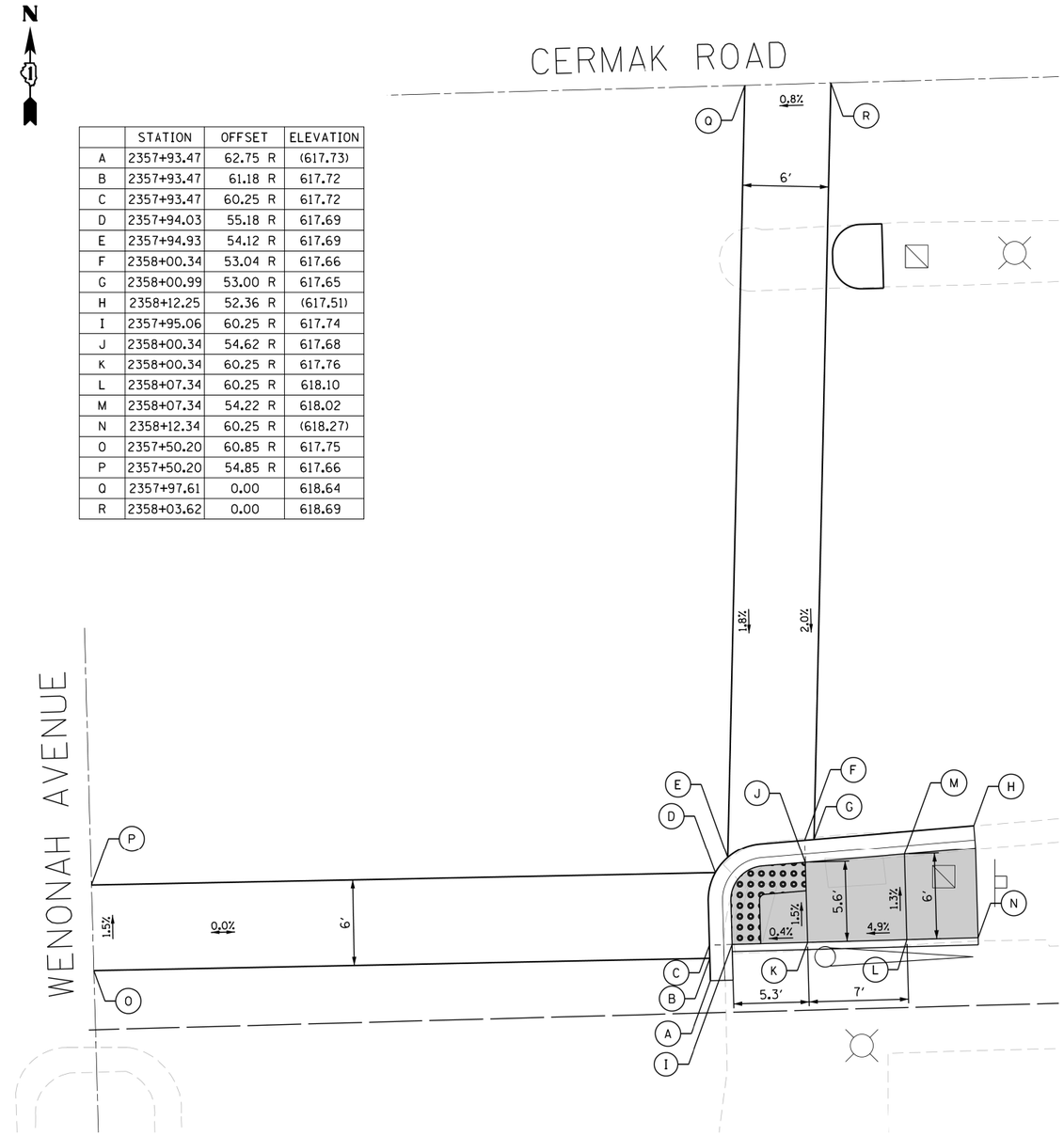
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2356+91.80	53.25 R	(617.53)
B	2357+05.25	54.51 R	617.65
C	2357+05.52	54.83 R	617.66
D	2357+06.24	58.83 R	617.72
E	2357+06.13	60.52 R	617.74
F	2357+06.07	61.43 R	(617.75)
G	2356+99.80	54.83 R	617.80
H	2357+02.30	54.83 R	617.68
I	2356+99.80	58.83 R	(617.86)
J	2357+02.30	58.83 R	617.74
K	2357+04.65	58.83 R	617.74
L	2357+50.20	54.85 R	617.66
M	2357+50.20	60.85 R	617.75



	STATION	OFFSET	ELEVATION
A	2357+93.47	62.75 R	(617.73)
B	2357+93.47	61.18 R	617.72
C	2357+93.47	60.25 R	617.72
D	2357+94.03	55.18 R	617.69
E	2357+94.93	54.12 R	617.69
F	2358+00.34	53.04 R	617.66
G	2358+00.99	53.00 R	617.65
H	2358+12.25	52.36 R	(617.51)
I	2357+95.06	60.25 R	617.74
J	2358+00.34	54.62 R	617.68
K	2358+00.34	60.25 R	617.76
L	2358+07.34	60.25 R	618.10
M	2358+07.34	54.22 R	618.02
N	2358+12.34	60.25 R	(618.27)
O	2357+50.20	60.85 R	617.75
P	2357+50.20	54.85 R	617.66
Q	2357+97.61	0.00	618.64
R	2358+03.62	0.00	618.69

5 0 5 10 20
FEET

5 0 5 10 20
FEET

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Wenonah02.dgn	USER NAME = jirobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & WENONAH AVENUE

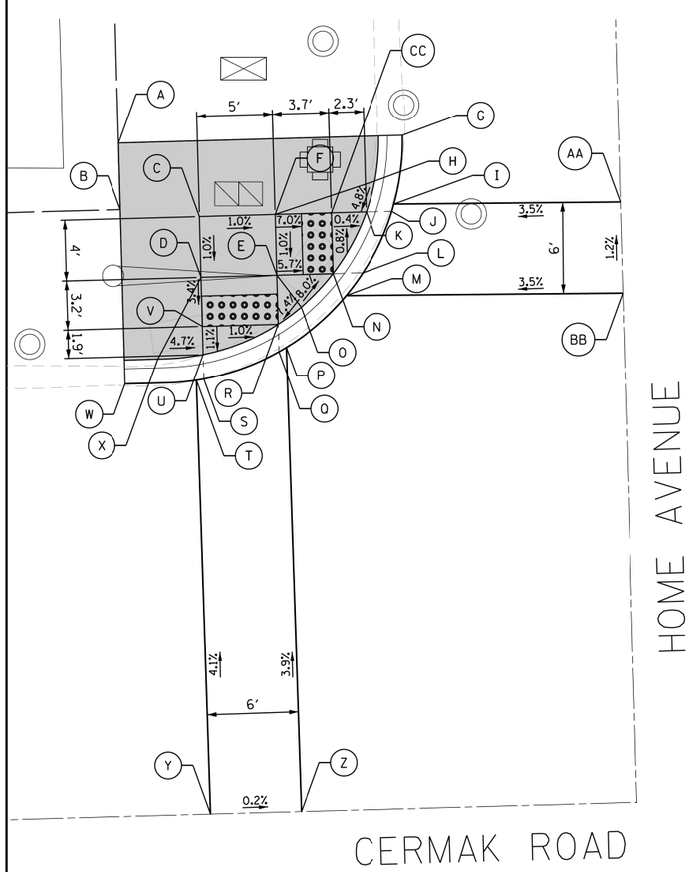
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22

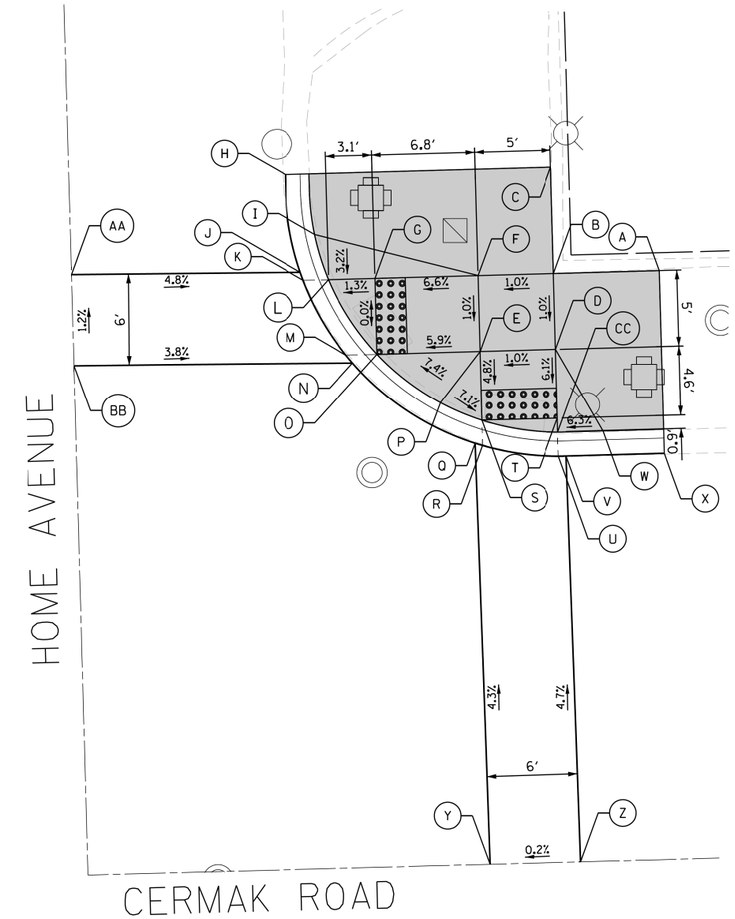
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2361+71.11	44.40 L	(618.12)
B	2361+71.11	40.00 L	(618.09)
C	2361+76.32	39.40 L	617.89
D	2361+76.32	35.40 L	617.85
E	2361+81.32	35.40 L	617.80
F	2361+81.32	39.40 L	617.84
G	2361+89.86	44.38 L	(617.05)
H	2361+87.95	41.42 L	617.65
I	2361+89.18	39.86 L	617.50
J	2361+89.03	39.39 L	617.53
K	2361+87.35	39.40 L	617.55
L	2361+87.02	35.39 L	617.57
M	2361+85.87	33.92 L	617.59
N	2361+85.04	35.40 L	617.59
O	2361+82.88	33.25 L	617.83
P	2361+81.82	30.62 L	617.65
Q	2361+81.32	30.34 L	617.67
R	2361+81.32	32.16 L	617.69
S	2361+76.32	28.69 L	617.70
T	2361+75.83	28.62 L	617.68
U	2361+76.32	30.29 L	617.72
V	2361+76.32	32.16 L	617.74
W	2361+71.11	28.50 L	(617.58)
X	2361+73.32	30.08 L	617.86
Y	2361+75.98	0.00	618.84
Z	2361+81.98	0.00	618.83
AA	2362+04.11	39.60 L	618.16
BB	2362+04.11	33.60 L	618.23
CC	2361+85.04	39.40 L	617.56



	STATION	OFFSET	ELEVATION
A	2362+42.88	38.82 L	(618.18)
B	2362+35.88	38.82 L	(617.98)
C	2362+35.88	45.82 L	(617.96)
D	2362+35.88	33.82 L	617.93
E	2362+30.88	33.81 L	617.88
F	2362+30.88	38.82 L	617.93
G	2362+24.09	38.81 L	617.48
H	2362+18.33	45.80 L	(617.16)
I	2362+20.18	41.80 L	617.54
J	2362+19.17	39.34 L	617.40
K	2362+19.34	38.81 L	617.42
L	2362+21.03	38.81 L	617.44
M	2362+22.04	33.81 L	617.46
N	2362+22.46	33.28 L	617.48
O	2362+24.09	33.81 L	617.48
P	2362+28.18	30.50 L	617.87
Q	2362+30.38	27.76 L	617.66
R	2362+30.88	27.60 L	617.65
S	2362+30.88	29.27 L	617.66
T	2362+35.88	29.27 L	617.65
U	2362+35.88	26.76 L	617.62
V	2362+36.39	26.75 L	617.60
W	2362+38.88	28.33 L	617.83
X	2362+42.88	26.75 L	(617.58)
Y	2362+30.63	0.00	618.84
Z	2362+36.63	0.00	618.85
AA	2362+04.11	39.60 L	618.16
BB	2362+04.11	33.60 L	618.23
CC	2362+35.88	28.34 L	617.64

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Home01.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & HOME AVENUE

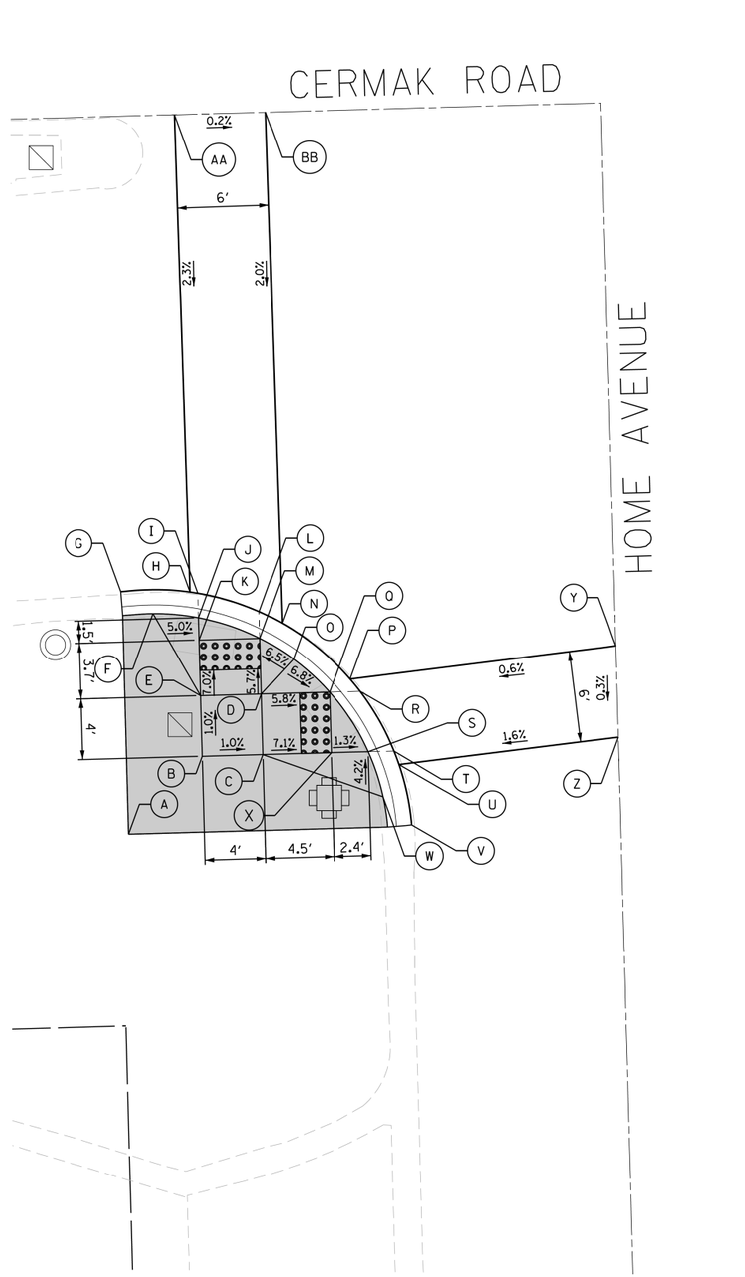
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22A

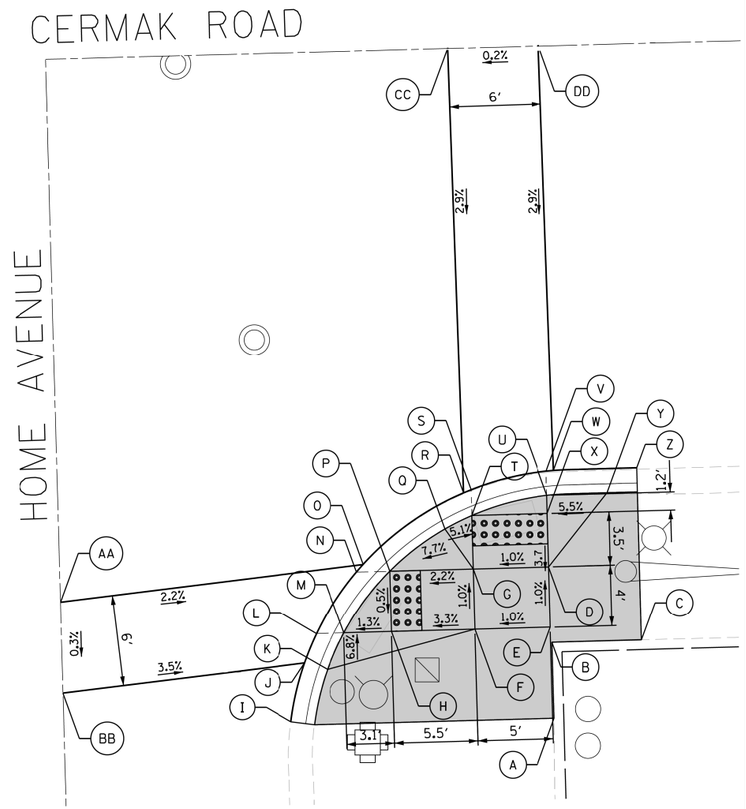
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2361+71.64	47.35 R	(618.48)
B	2361+76.64	42.35 R	618.47
C	2361+80.64	42.35 R	618.43
D	2361+80.64	38.35 R	618.39
E	2361+76.64	38.35 R	618.43
F	2361+73.64	32.85 R	618.30
G	2361+71.56	31.34 R	(617.94)
H	2361+76.14	31.49 R	618.10
I	2361+76.65	31.59 R	618.13
J	2361+76.64	33.20 R	618.15
K	2361+76.64	34.68 R	618.17
L	2361+80.65	32.90 R	618.16
M	2361+80.64	34.68 R	618.18
N	2361+82.15	33.71 R	618.17
O	2361+82.84	36.11 R	618.35
P	2361+86.54	37.52 R	618.12
Q	2361+85.17	38.35 R	618.13
R	2361+87.17	38.35 R	618.11
S	2361+87.60	42.35 R	618.08
T	2361+89.30	42.35 R	618.06
U	2361+89.61	43.25 R	618.02
V	2361+90.33	47.25 R	(617.84)
W	2361+88.50	45.35 R	618.21
X	2361+85.17	42.35 R	618.11
Y	2362+04.11	35.82 R	618.23
Z	2362+04.11	41.85 R	618.21
AA	2361+75.98	0.00	618.84
BB	2361+81.98	0.00	618.83



	STATION	OFFSET	ELEVATION
A	2362+36.49	44.36 R	(618.02)
B	2362+36.49	39.36 R	(617.99)
C	2362+42.40	39.36 R	(617.98)
D	2362+36.40	34.36 R	617.94
E	2362+36.40	38.36 R	617.98
F	2362+31.40	38.37 R	617.93
G	2362+31.40	34.37 R	617.89
H	2362+25.91	38.37 R	617.75
I	2362+19.12	44.13 R	(617.65)
J	2362+20.12	40.29 R	617.67
K	2362+21.64	40.76 R	617.89
L	2362+20.97	38.37 R	617.69
M	2362+22.77	38.37 R	617.71
N	2362+23.71	34.37 R	617.75
O	2362+24.17	33.87 R	617.76
P	2362+25.91	34.37 R	617.77
Q	2362+29.61	31.68 R	618.12
R	2362+30.90	29.34 R	617.99
S	2362+31.40	29.15 R	618.00
T	2362+31.40	30.84 R	618.02
U	2362+36.40	29.65 R	618.05
V	2362+36.40	28.06 R	618.03
W	2362+36.89	28.03 R	618.03
X	2362+36.40	30.84 R	618.07
Y	2362+40.40	29.58 R	618.27
Z	2362+42.40	28.00 R	(618.05)
AA	2362+04.11	35.82 R	618.23
BB	2362+04.11	41.85 R	618.21
CC	2362+30.63	0.00	618.84
DD	2362+36.63	0.00	618.85

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Home02.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

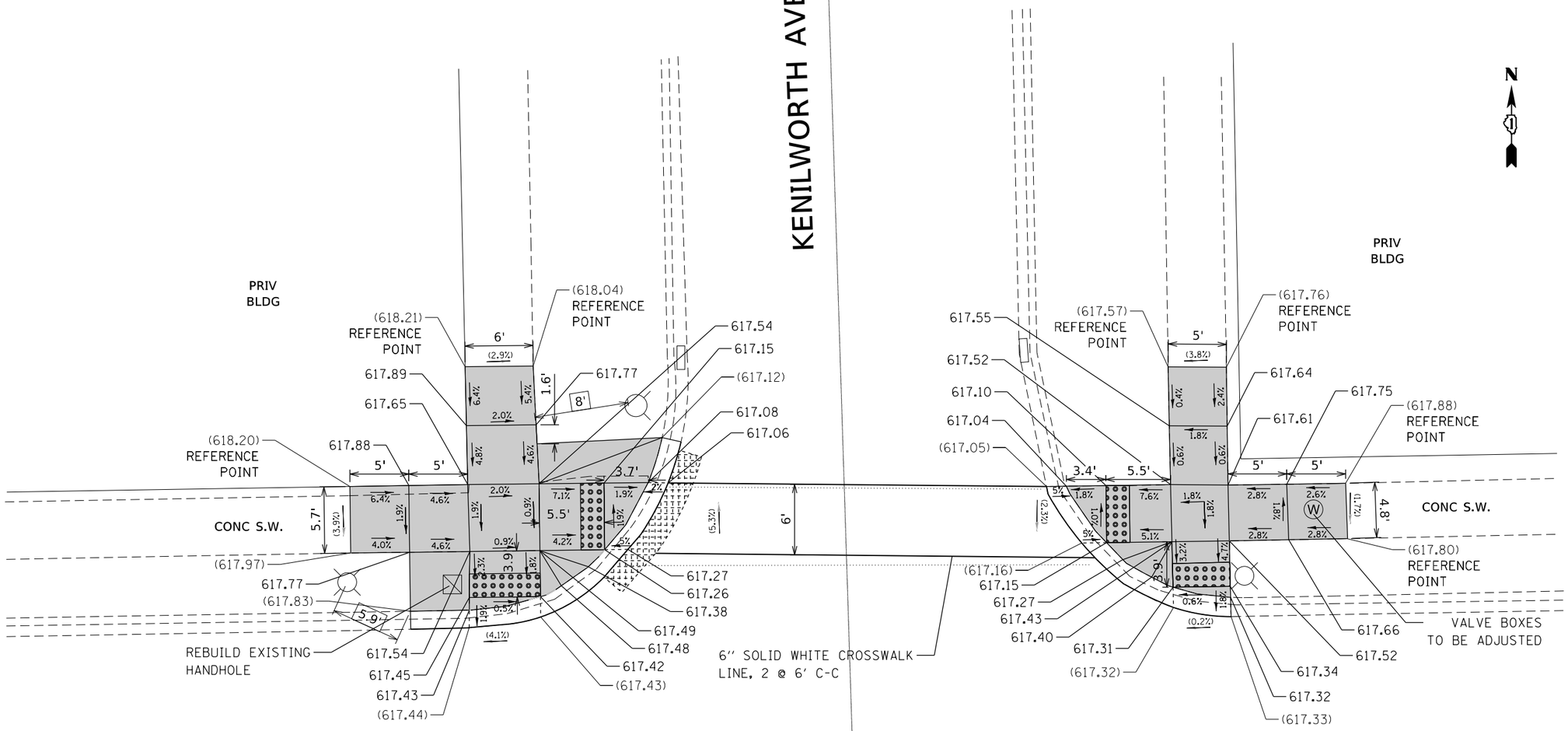
SMART CORRIDOR
CERMAK ROAD /22ND STREET & HOME AVENUE

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	228

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



CERMAK RD

KENILWORTH AVE. NORTH LEG

LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 619.15

BENCHMARK : ARROW POINTS TO SOUTH WESTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND KENILWORTH AVE.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\Contracts\Design\D103218-sht_dsf_sidwlk.dgn	USER NAME = Bilgramisa	DESIGNED - --- --/--/----	REVISED - ML 4/27/18
			REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

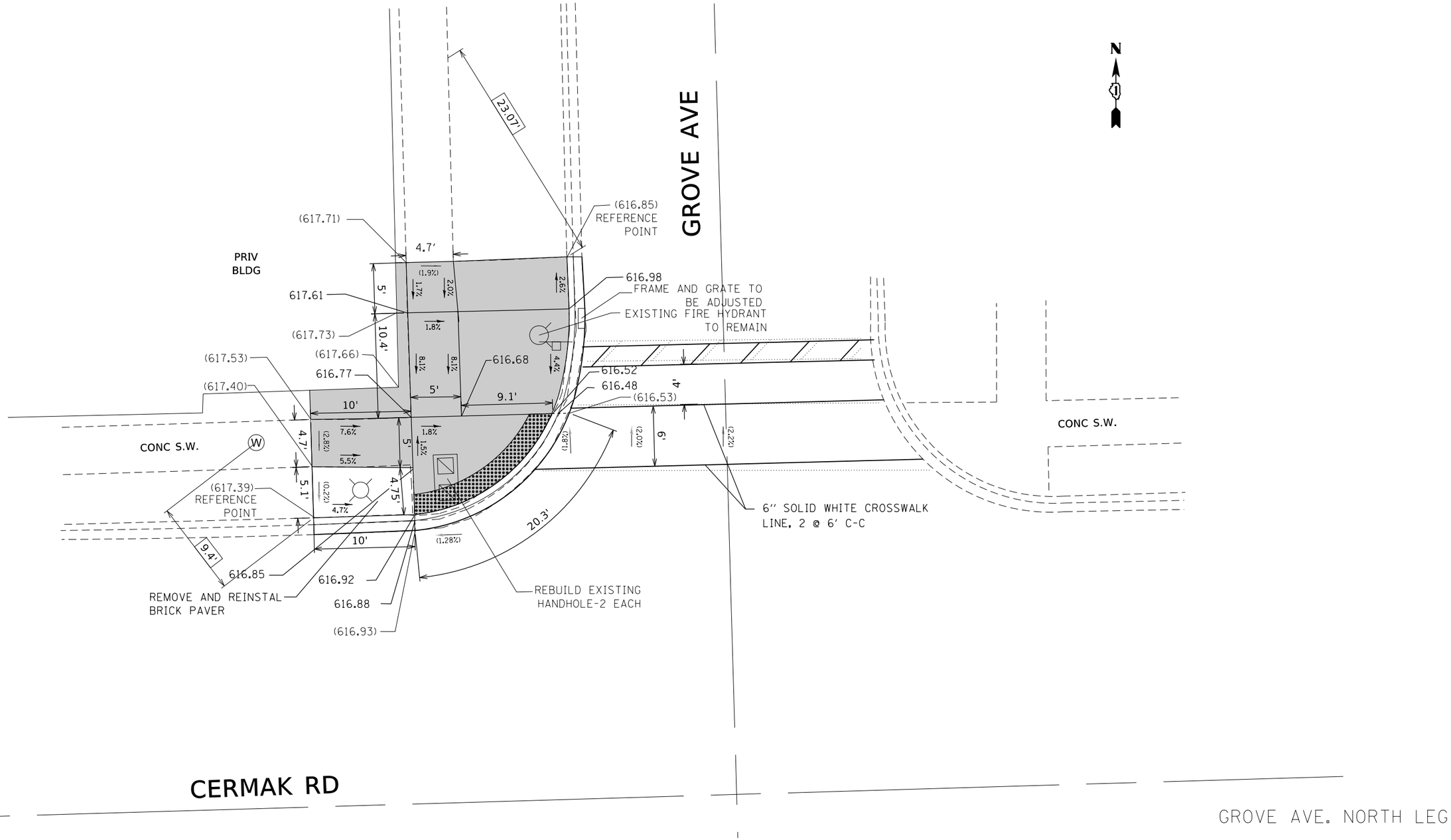
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22C

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 618.536

BENCHMARK : THAT ARROW POINTS TO ON FIRE HYDRANT

LOCATION : NORTH WEST CORNER OF CERMAK AVE AND GROVE AVE

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032	USER NAME = Bilgramise	DESIGNED - ___ __/__/____	REVISED - ML 4/27/18
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

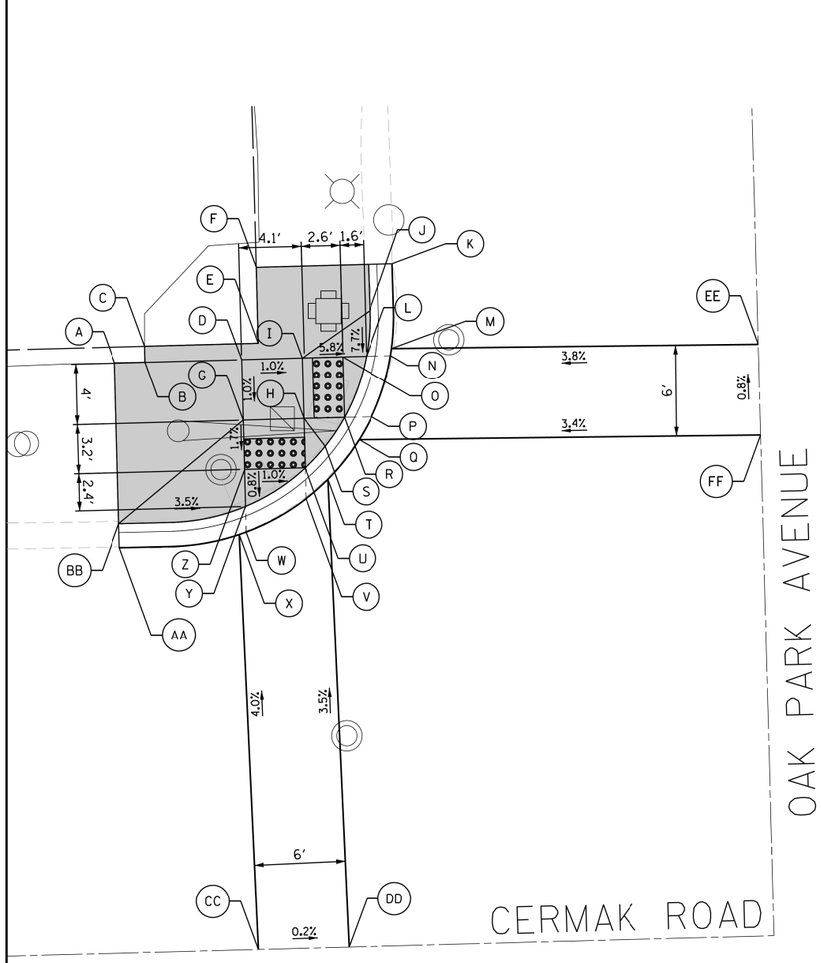
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22D

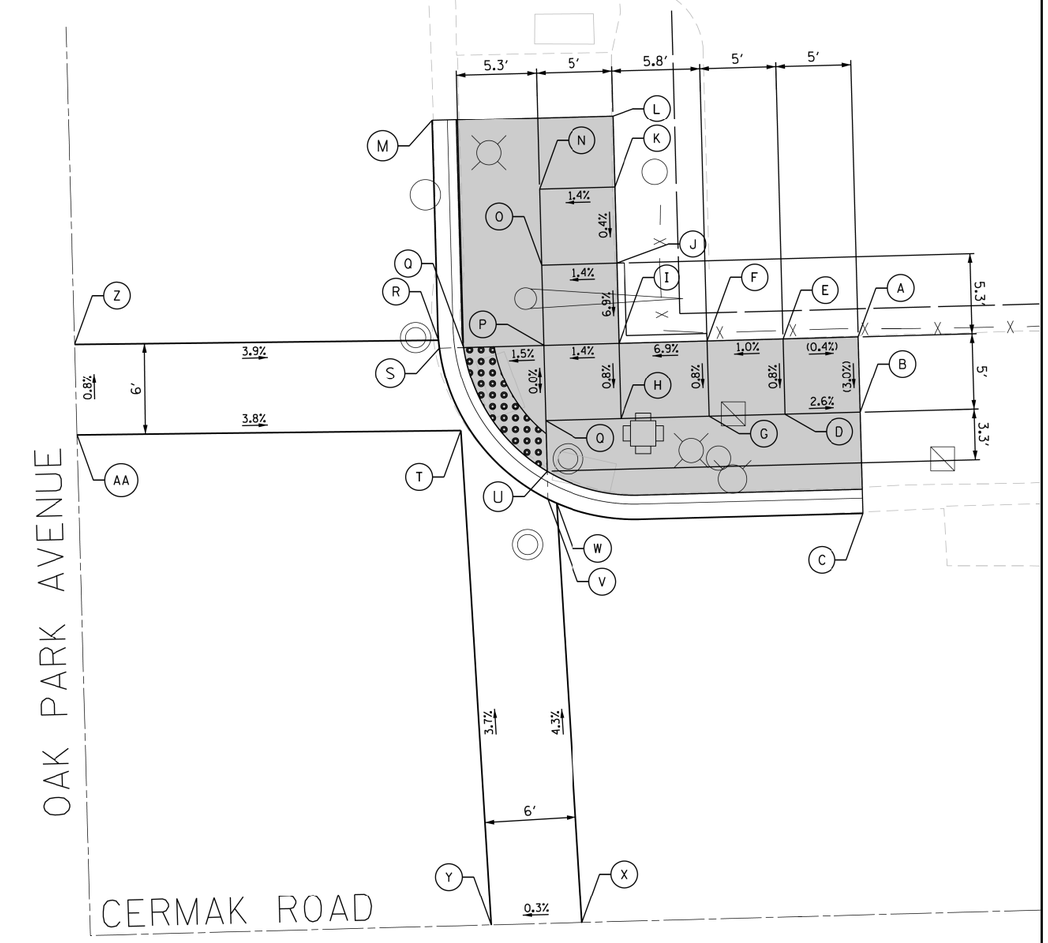
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2375+69.90	38.95 L	(616.92)
B	2375+71.92	38.95 L	(616.88)
C	2375+71.92	40.00 L	(616.91)
D	2375+78.28	38.94 L	616.75
E	2375+79.40	40.00 L	(616.78)
F	2375+79.40	45.00 L	(616.79)
G	2375+78.28	34.94 L	616.71
H	2375+82.28	34.94 L	616.67
I	2375+82.28	38.94 L	616.71
J	2375+86.82	41.94 L	616.77
K	2375+88.40	45.00 L	(616.27)
L	2375+86.52	38.94 L	616.54
M	2375+88.22	39.41 L	616.50
N	2375+88.14	38.94 L	616.52
O	2375+84.96	38.94 L	616.56
P	2375+86.77	34.94 L	616.56
Q	2375+85.90	33.45 L	616.57
R	2375+84.96	34.94 L	616.58
S	2375+83.63	33.07 L	616.81
T	2375+83.75	30.89 L	616.59
U	2375+82.28	31.69 L	616.62
V	2375+82.28	29.66 L	616.60
W	2375+78.28	27.56 L	616.62
X	2375+77.82	27.41 L	616.60
Y	2375+78.28	29.25 L	616.64
Z	2375+78.28	31.69 L	616.66
AA	2375+69.90	26.75 L	(616.51)
BB	2375+69.90	28.33 L	(616.93)
CC	2375+78.34	0.00	617.69
DD	2375+84.34	0.00	617.68
EE	2376+12.40	39.04 L	617.43
FF	2376+12.40	33.04 L	617.48



	STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION		STATION	OFFSET	ELEVATION
A	2376+64.15	38.15 L	(617.08)	L	2376+48.35	53.14 L	(617.01)	W	2376+43.92	27.71 L	616.54
B	2376+64.15	33.15 L	(616.93)	M	2376+36.40	53.14 L	(616.17)	X	2376+44.87	0.00	617.74
C	2376+64.14	26.50 L	(616.40)	N	2376+43.35	48.44 L	616.96	Y	2376+38.87	0.00	617.72
D	2376+59.15	33.15 L	617.06	O	2376+43.35	43.43 L	616.94	Z	2376+12.40	39.04 L	617.43
E	2376+59.15	38.15 L	(617.10)	P	2376+43.35	38.15 L	616.58	AA	2376+12.40	33.04 L	617.48
F	2376+54.15	38.15 L	(617.05)	Q	2376+38.07	38.15 L	616.50				
G	2376+54.15	33.15 L	(617.01)	R	2376+36.43	38.68 L	616.46				
H	2376+48.35	33.15 L	616.61	S	2376+36.47	38.15 L	616.48				
I	2376+48.35	38.15 L	616.65	T	2376+37.74	32.66 L	616.51				
J	2376+48.35	43.43 L	(617.01)	U	2376+43.35	29.82 L	616.58				
K	2376+48.35	48.43 L	(617.03)	V	2376+43.34	28.00 L	616.56				

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-OakPark01.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & OAK PARK AVENUE

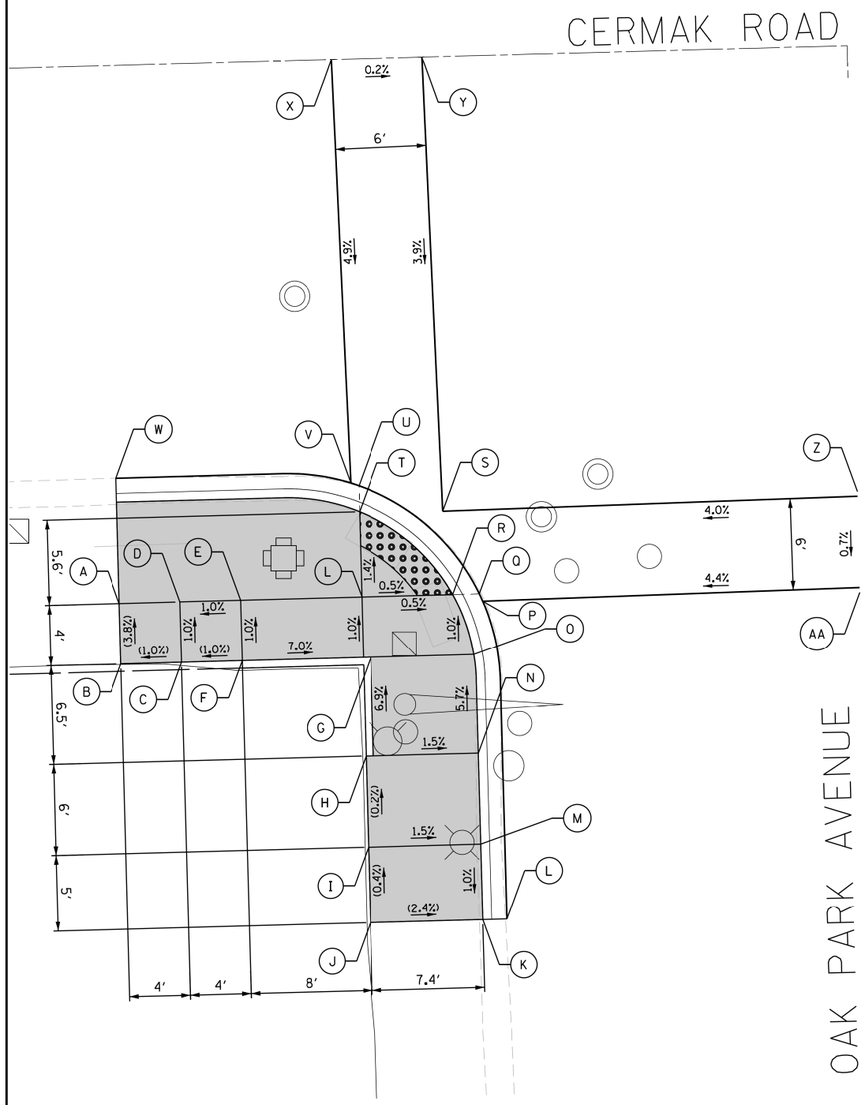
SCALE: 1" = 5′ | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22E

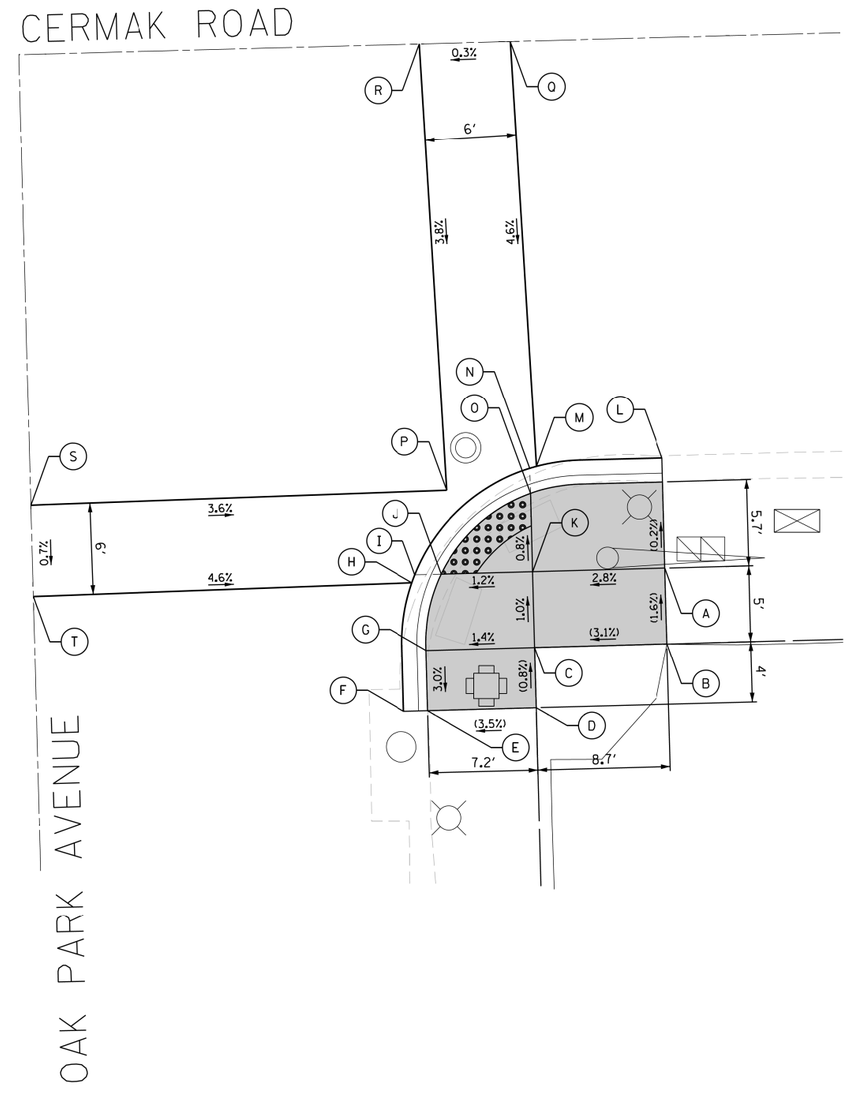
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2375+63.40	35.50 R	(616.80)
B	2375+63.40	39.50 R	(616.95)
C	2375+67.40	39.50 R	(616.99)
D	2375+67.40	35.50 R	616.95
E	2375+71.40	35.50 R	616.99
F	2375+71.40	39.50 R	(617.03)
G	2375+79.90	39.50 R	616.47
H	2375+79.40	46.00 R	(616.92)
I	2375+79.40	52.00 R	(616.93)
J	2375+79.40	57.00 R	(616.95)
K	2375+86.82	57.00 R	(616.77)
L	2375+88.40	57.00 R	(616.33)
M	2375+86.82	52.00 R	616.82
N	2375+86.82	46.00 R	616.81
O	2375+86.70	39.50 R	616.44
P	2375+87.37	35.98 R	616.36
Q	2375+87.17	35.50 R	616.38
R	2375+85.41	35.50 R	616.40
S	2375+84.91	30.00 R	616.50
T	2375+79.40	29.88 R	616.35
U	2375+79.40	28.17 R	616.33
V	2375+78.87	27.99 R	616.30
W	2375+63.40	27.25 R	(616.18)
X	2375+78.34	0.00	617.69
Y	2375+84.34	0.00	617.68
Z	2376+12.40	29.75 R	617.59
AA	2376+12.40	35.75 R	617.55



	STATION	OFFSET	ELEVATION
A	2376+54.15	35.00 R	(616.92)
B	2376+54.15	40.00 R	(617.00)
C	2376+45.40	40.00 R	(616.73)
D	2376+45.40	44.00 R	(616.76)
E	2376+38.24	44.00 R	(616.51)
F	2376+36.65	44.00 R	(616.07)
G	2376+38.24	40.00 R	616.63
H	2376+37.42	35.52 R	616.57
I	2376+37.64	35.00 R	616.59
J	2376+39.38	35.00 R	616.61
K	2376+45.40	35.00 R	616.68
L	2376+54.15	27.75 R	(616.51)
M	2376+45.84	28.08 R	616.60
N	2376+45.40	28.20 R	616.62
O	2376+45.40	29.85 R	616.64
P	2376+39.89	29.50 R	616.64
Q	2376+44.87	0.00	617.74
R	2376+38.87	0.00	617.72
S	2376+12.40	29.75 R	617.59
T	2376+12.40	35.75 R	617.55

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-OakPark02.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & OAK PARK AVENUE

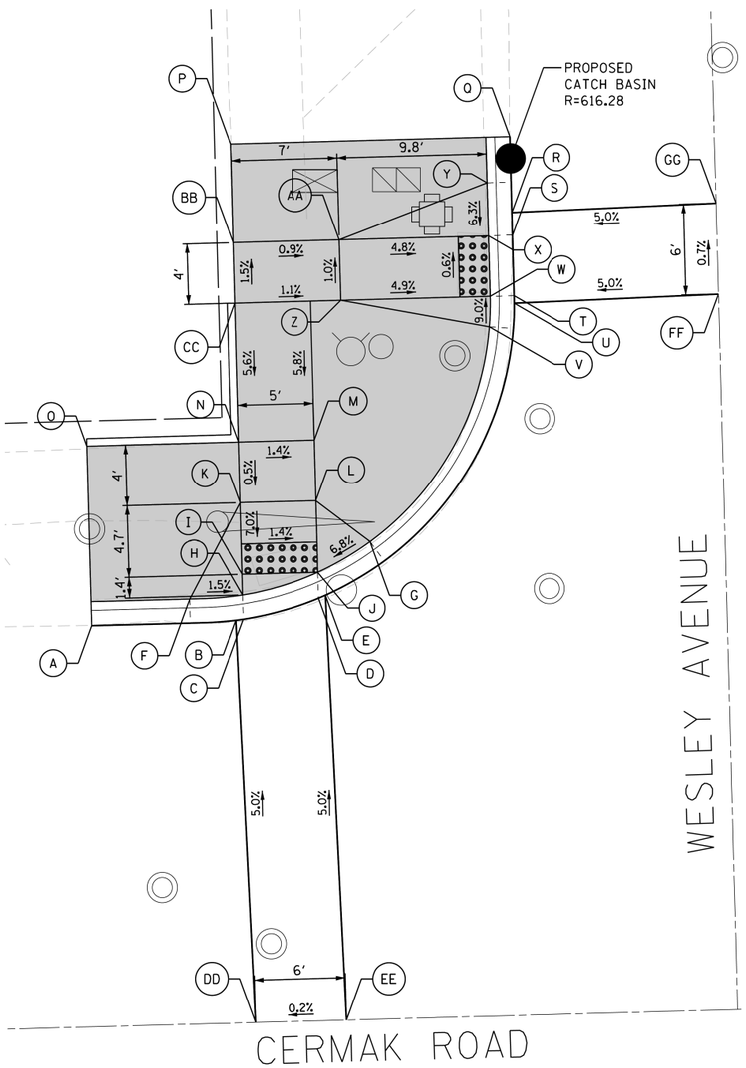
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22F

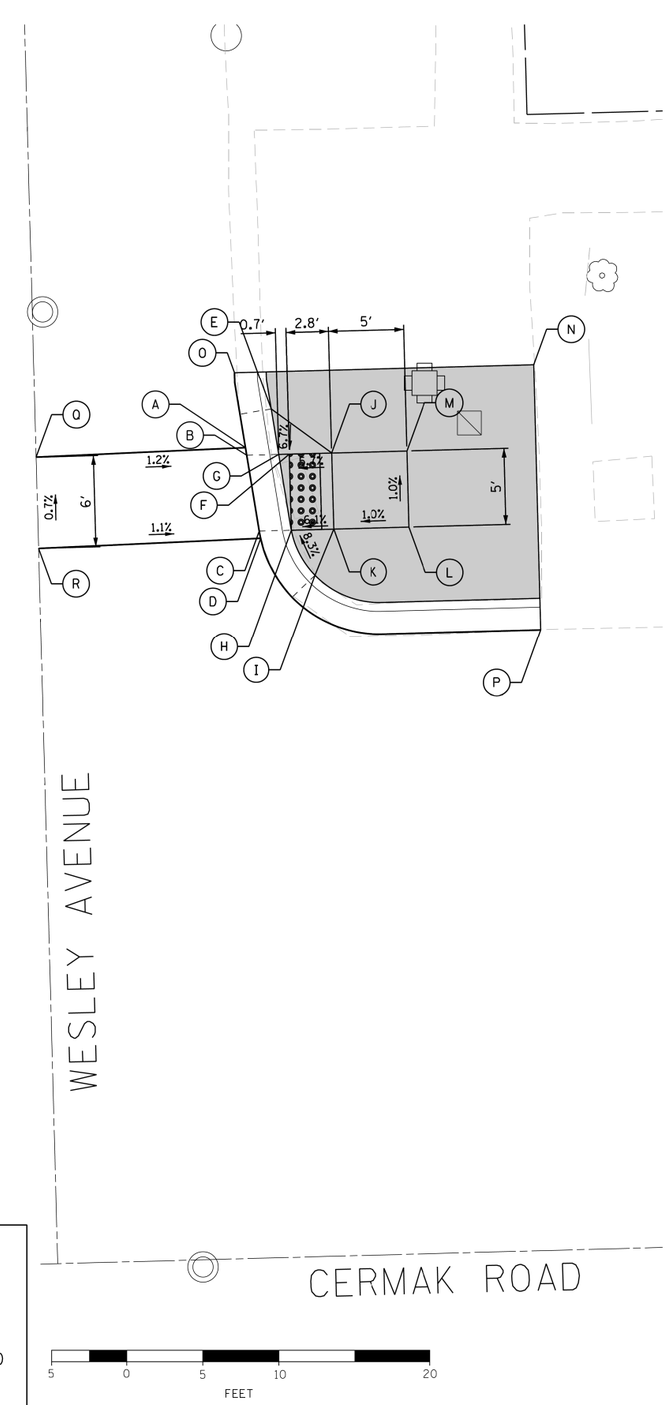
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2382+37.03	26.50 L	616.17
B	2382+46.53	26.60 L	616.14
C	2382+47.03	26.66 L	616.13
D	2382+52.03	27.91 L	616.08
E	2382+52.50	28.10 L	616.08
F	2382+43.53	28.08 L	616.37
G	2382+55.53	31.55 L	616.35
H	2382+47.03	28.25 L	616.13
I	2382+47.03	29.62 L	616.15
J	2382+52.03	29.62 L	616.08
K	2382+47.03	34.35 L	616.48
L	2382+52.03	34.35 L	616.41
M	2382+52.03	38.35 L	616.43
N	2382+47.03	38.35 L	616.50
O	2382+37.03	38.35 L	(616.89)
P	2382+47.03	58.00 L	(616.97)
Q	2382+65.47	58.00 L	(616.29)
R	2382+65.47	53.00 L	616.40
S	2382+65.47	51.50 L	616.41
T	2382+65.47	47.50 L	616.44
U	2382+65.46	47.00 L	616.44
V	2382+63.78	45.50 L	616.64
W	2382+63.88	47.50 L	616.46
X	2382+63.88	51.50 L	616.43
Y	2382+63.88	55.00 L	616.65
Z	2382+54.03	47.50 L	616.94
AA	2382+54.03	51.50 L	616.90
BB	2382+47.03	51.50 L	(616.96)
CC	2382+47.03	47.50 L	(617.02)
DD	2382+47.13	0.00	617.47
EE	2382+53.13	0.00	617.48
FF	2382+78.97	47.25 L	617.11
GG	2382+78.97	53.25 L	617.07



	STATION	OFFSET	ELEVATION
A	2382+92.81	53.50 L	616.90
B	2382+92.88	53.00 L	616.90
C	2382+93.57	48.00 L	616.95
D	2382+93.65	47.51 L	616.95
E	2382+94.57	56.00 L	617.08
F	2382+95.68	53.00 L	616.89
G	2382+94.98	53.00 L	616.88
H	2382+95.68	48.00 L	616.93
I	2382+97.15	45.00 L	617.21
J	2382+98.47	53.00 L	617.05
K	2382+98.47	48.00 L	617.10
L	2383+03.47	48.00 L	617.15
M	2383+03.47	53.00 L	617.10
N	2383+11.97	58.50 L	(617.09)
O	2382+92.22	58.50 L	(616.82)
P	2383+11.97	41.00 L	(616.85)
Q	2382+78.97	53.25 L	617.07
R	2382+78.97	47.25 L	617.11

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Riverside01.dgn	USER NAME = jirobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & WESLEY AVENUE / RIVERSIDE AVENUE

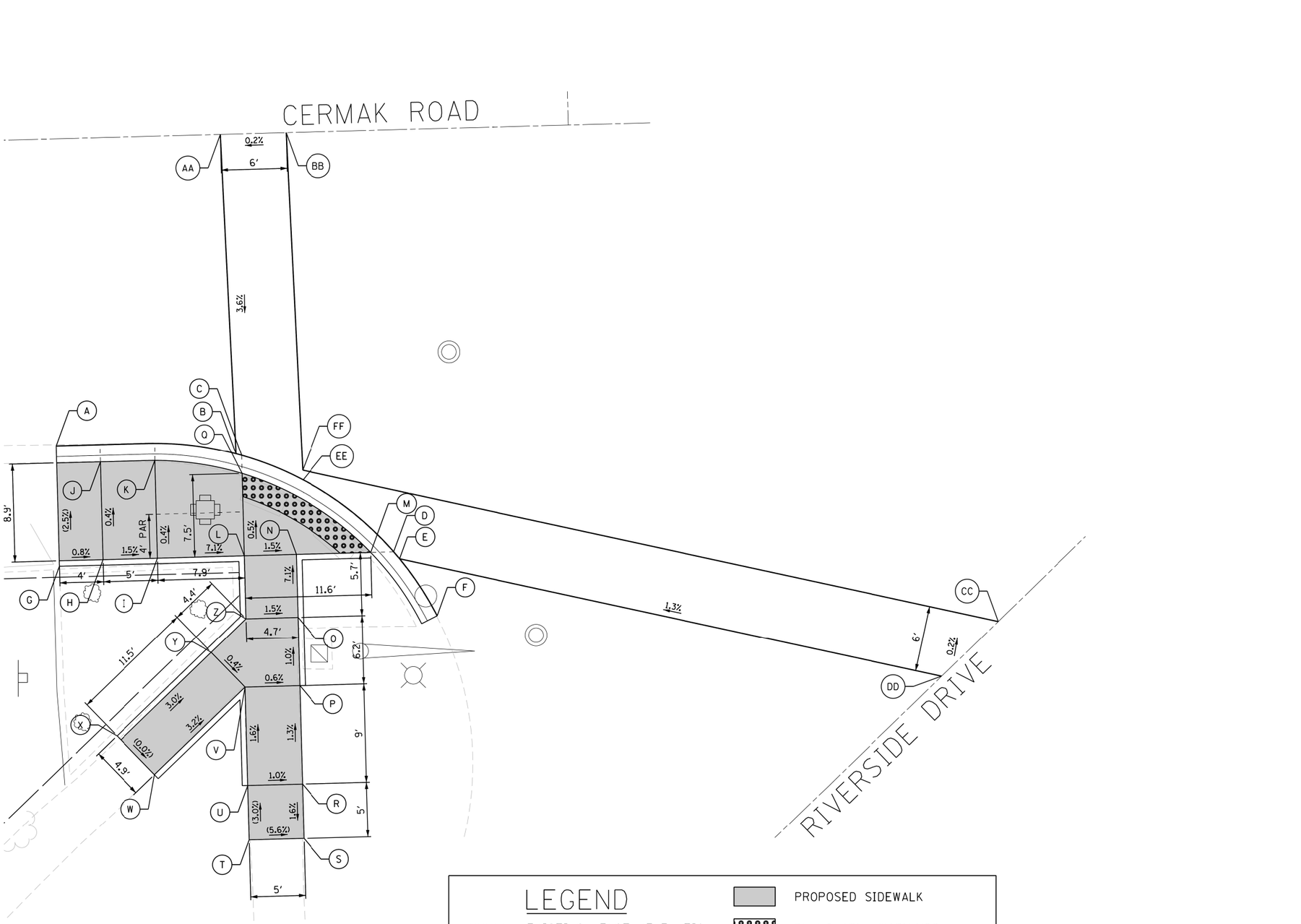
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22G

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2382+31.37	28.00 R	(616.52)
B	2382+47.78	29.17 R	616.41
C	2382+48.28	29.32 R	616.41
D	2382+61.96	38.50 R	616.28
E	2382+62.48	39.14 R	616.26
F	2382+65.76	44.43 R	(616.00)
G	2382+31.37	39.00 R	(617.11)
H	2382+35.37	38.50 R	617.08
I	2382+40.37	38.50 R	617.01
J	2382+35.37	29.58 R	617.04
K	2382+40.37	29.59 R	616.97
L	2382+48.28	38.50 R	616.45
M	2382+59.86	38.50 R	616.28
N	2382+53.03	38.50 R	616.38
O	2382+53.03	44.25 R	616.79
P	2382+53.03	50.50 R	616.85
Q	2382+48.28	30.99 R	616.41
R	2382+53.03	59.50 R	616.97
S	2382+53.03	64.50 R	(616.89)
T	2382+48.03	64.50 R	(617.17)
U	2382+48.03	59.50 R	(617.02)
V	2382+48.03	50.50 R	616.88
W	2382+39.57	58.28 R	(617.25)
X	2382+36.23	54.65 R	(617.25)
Y	2382+45.04	47.23 R	616.90
Z	2382+48.28	44.25 R	616.86
AA	2382+47.13	0.00	617.50
BB	2382+53.13	0.00	617.51
CC	2383+17.02	46.34 R	616.93
DD	2383+11.71	51.21 R	616.94
EE	2382+53.84	31.72 R	616.36
FF	2382+53.82	30.84 R	616.37

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Riverside02.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & WESLEY AVENUE / RIVERSIDE AVENUE

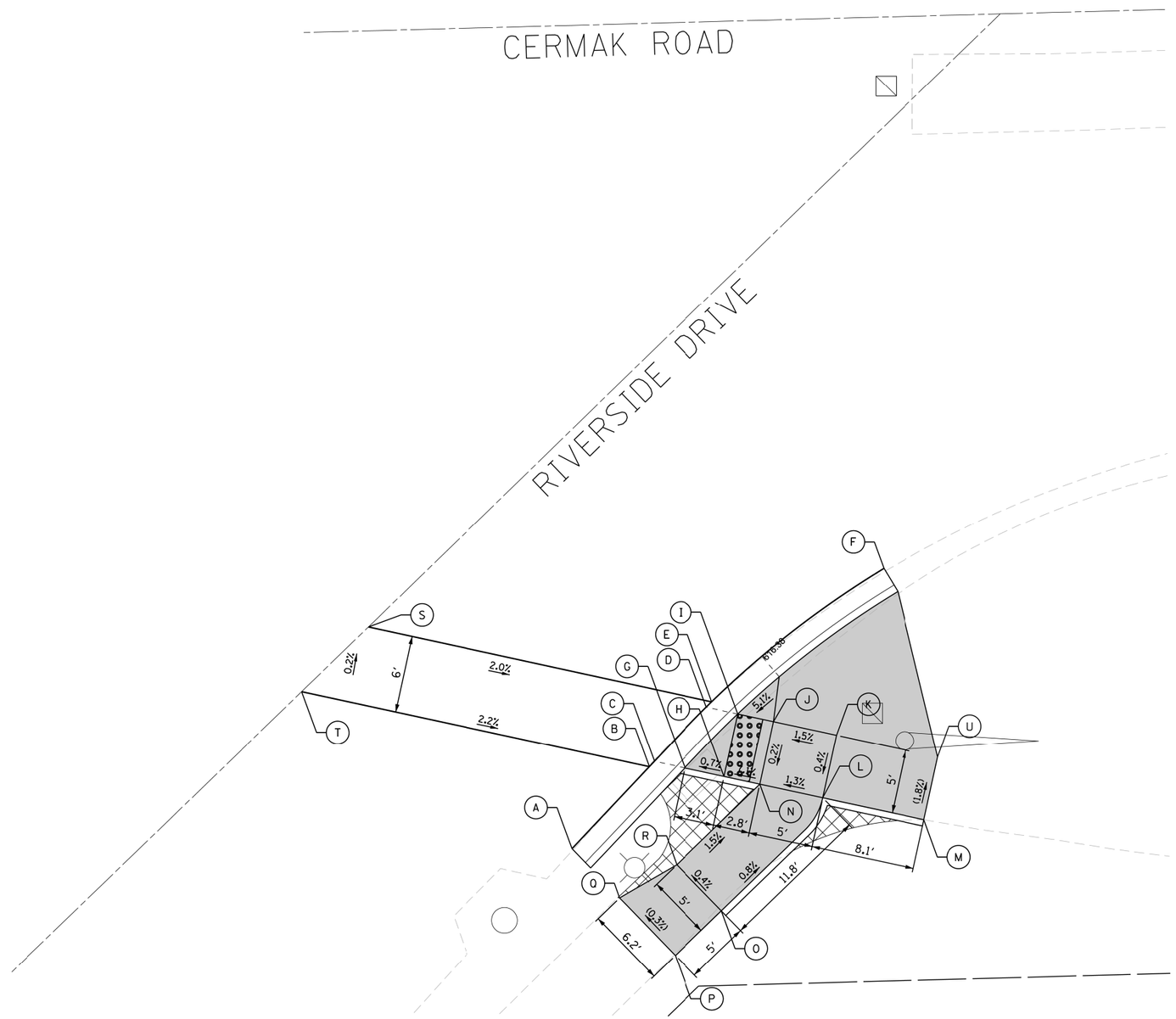
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJ. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22H

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2383+32.40	64.02 R	(616.24)
B	2383+38.58	57.80 R	616.34
C	2383+38.99	57.39 R	616.34
D	2383+43.17	53.26 R	616.37
E	2383+43.60	52.86 R	616.37
F	2383+57.23	42.88 R	(616.40)
G	2383+41.36	57.97 R	616.32
H	2383+44.40	58.72 R	616.34
I	2383+45.60	53.86 R	616.35
J	2383+48.35	54.53 R	616.55
K	2383+53.20	55.72 R	616.62
L	2383+52.01	60.58 R	616.60
M	2383+59.84	62.50 R	(616.92)
N	2383+47.15	59.39 R	616.54
O	2383+43.91	69.16 R	(616.70)
P	2383+40.23	72.54 R	(616.72)
Q	2383+36.00	67.94 R	(616.70)
R	2383+40.53	65.48 R	616.68
S	2383+17.02	46.34 R	616.93
T	2383+11.71	51.21 R	616.94
U	2383+61.03	57.64 R	(616.83)

5 0 5 10 20
FEET

LEGEND

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

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Riverside03.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & WESLEY AVENUE / RIVERSIDE AVENUE

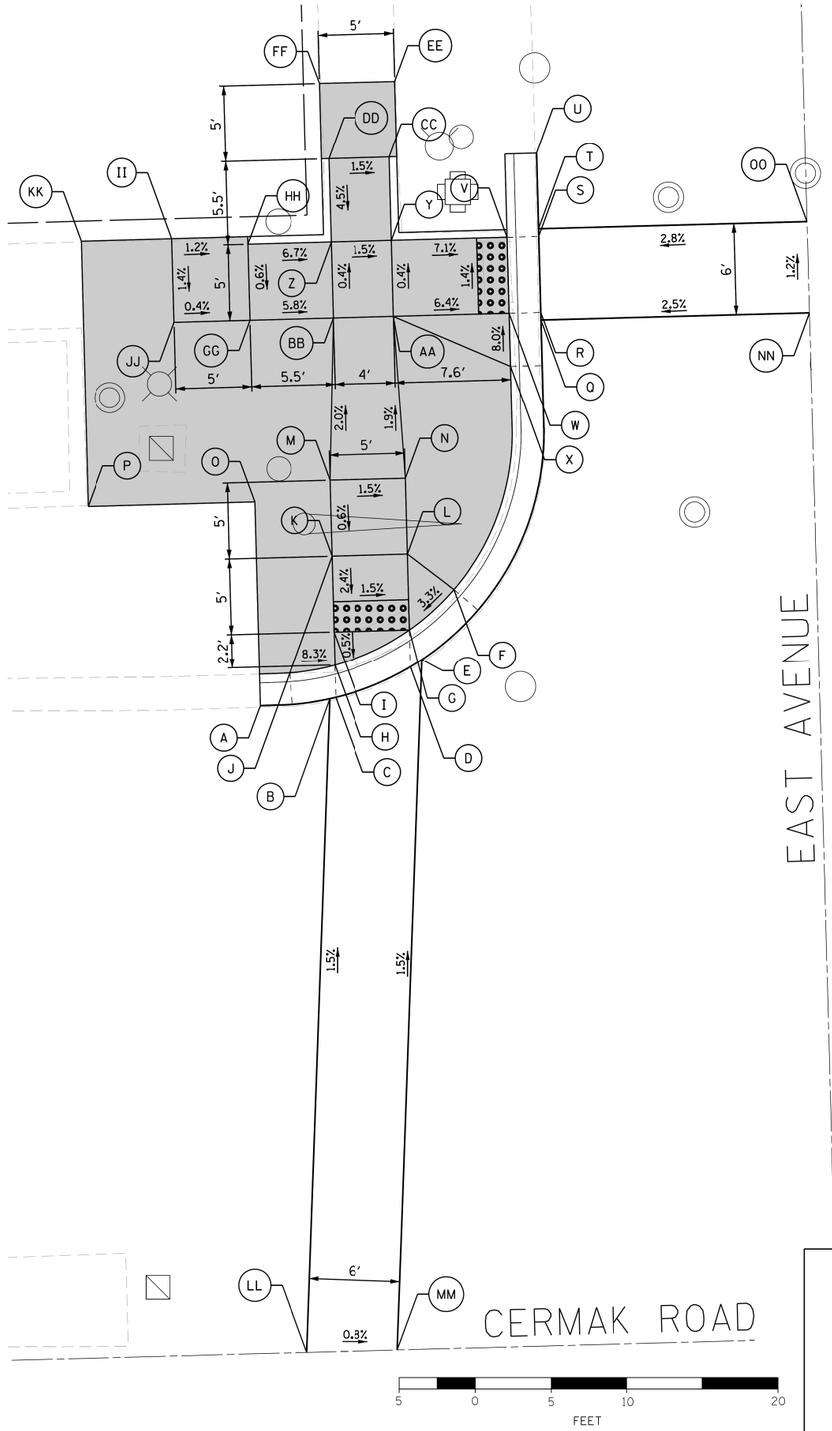
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	221

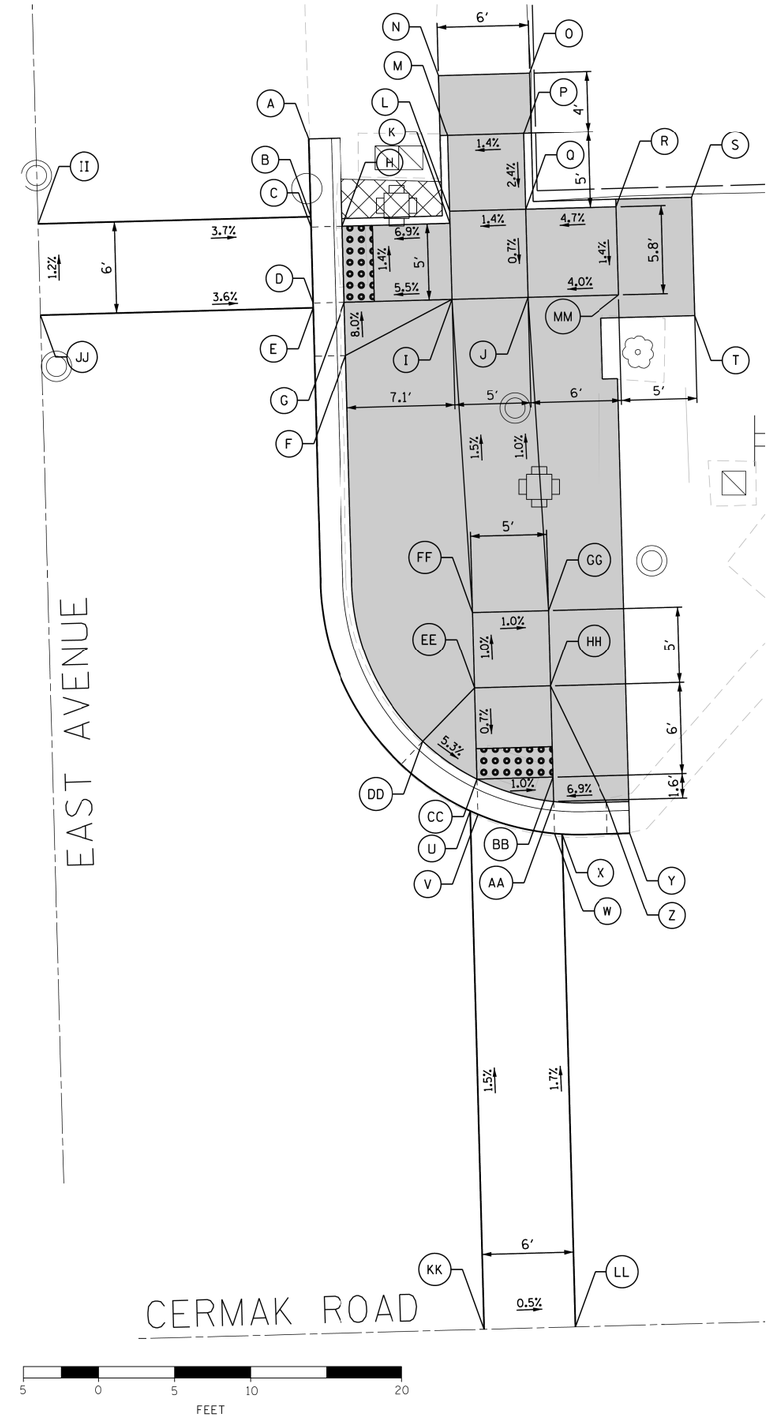
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2389+09.09	42.75 L	(615.23)
B	2389+13.69	43.08 L	615.19
C	2389+14.09	43.16 L	615.18
D	2389+19.09	45.05 L	615.12
E	2389+19.86	45.51 L	615.10
F	2389+22.09	50.07 L	615.23
G	2389+19.09	47.49 L	615.10
H	2389+14.09	45.29 L	615.16
I	2389+14.09	47.49 L	615.17
J	2389+11.09	44.85 L	(615.41)
K	2389+14.09	52.49 L	615.29
L	2389+19.09	52.49 L	615.22
M	2389+14.09	57.49 L	615.32
N	2389+19.09	57.49 L	615.25
O	2389+09.09	56.19 L	(615.41)
P	2388+98.09	56.19 L	(615.53)
Q	2389+28.28	67.69 L	614.60
R	2389+28.28	68.19 L	614.58
S	2389+28.28	73.19 L	614.51
T	2389+28.28	73.69 L	614.49
U	2389+28.28	73.69 L	614.49
V	2389+26.20	73.19 L	614.49
W	2389+26.20	68.19 L	614.56
X	2389+26.20	64.69 L	614.84
Y	2389+18.59	73.19 L	615.03
Z	2389+14.59	73.19 L	615.09
AA	2389+18.59	68.19 L	615.05
BB	2389+14.59	68.19 L	615.11
CC	2389+18.59	78.69 L	615.28
DD	2389+14.59	78.69 L	(615.34)
EE	2389+19.09	83.69 L	(615.19)
FF	2389+14.09	83.69 L	(615.35)
GG	2389+09.09	68.19 L	615.43
HH	2389+09.09	73.19 L	(615.46)
II	2389+04.09	73.69 L	(615.52)
JJ	2389+04.09	68.19 L	615.45
KK	2388+98.09	73.69 L	(615.50)
LL	2389+11.00	0.00	615.83
MM	2389+17.01	0.00	615.78
NN	2389+46.03	67.69 L	615.05
OO	2389+46.03	73.69 L	614.98



	STATION	OFFSET	ELEVATION
A	2389+64.03	78.80 L	(614.25)
B	2389+64.03	73.69 L	614.31
C	2389+64.03	73.00 L	614.33
D	2389+64.03	68.00 L	614.40
E	2389+64.03	67.69 L	614.41
F	2389+64.03	67.69 L	614.41
G	2389+66.12	68.00 L	614.38
H	2389+66.12	73.00 L	614.31
I	2389+73.24	68.00 L	614.77
J	2389+78.24	68.00 L	614.84
K	2389+73.24	73.00 L	614.80
L	2389+73.24	73.80 L	614.81
M	2389+73.24	78.80 L	614.93
N	2389+72.74	82.80 L	(614.84)
O	2389+78.74	82.80 L	(615.01)
P	2389+78.24	78.80 L	(615.00)
Q	2389+78.24	73.80 L	614.88
R	2389+84.24	73.80 L	615.16
S	2389+89.24	74.30 L	(615.21)
T	2389+89.24	66.50 L	(615.01)
U	2389+73.53	34.24 L	615.12
V	2389+74.03	34.01 L	615.12
W	2389+79.03	32.62 L	615.06
X	2389+79.53	32.57 L	615.06
Y	2389+84.03	32.50 L	(615.04)
Z	2389+82.53	34.58 L	615.28
AA	2389+79.03	34.72 L	615.04
BB	2389+79.03	36.33 L	615.05
CC	2389+74.03	36.33 L	615.10
DD	2389+70.53	38.90 L	615.33
EE	2389+74.03	42.33 L	615.14
FF	2389+74.03	47.33 L	615.09
GG	2389+79.03	47.33 L	615.04
HH	2389+79.03	42.33 L	615.09
II	2389+46.03	73.69 L	614.98
JJ	2389+46.03	67.69 L	615.05
KK	2389+73.53	0.00	615.64
LL	2389+79.53	0.00	615.61
MM	2389+84.24	68.00 L	615.08

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-East01.dgn	USER NAME = jirobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & EAST AVENUE

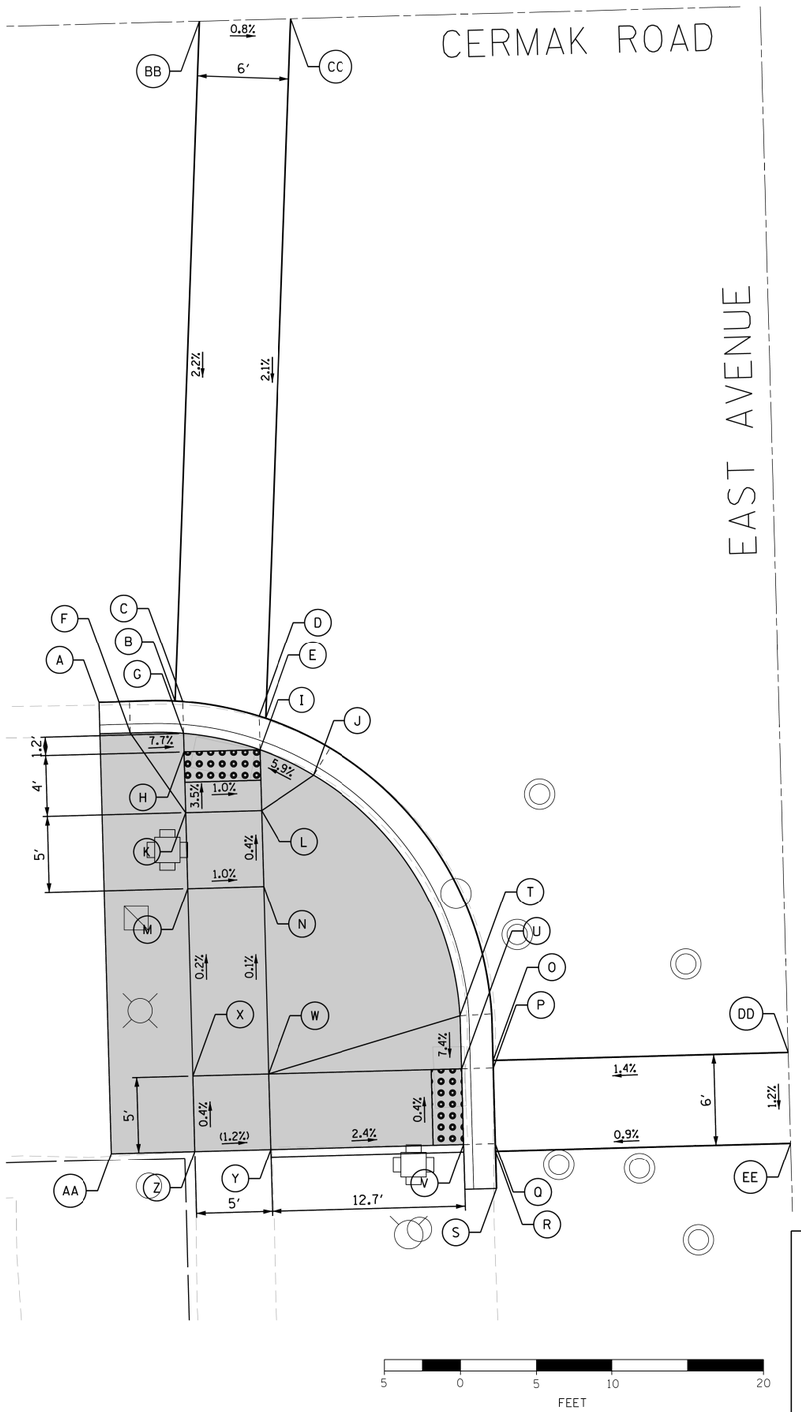
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	221

CONTRACT NO. 62F74

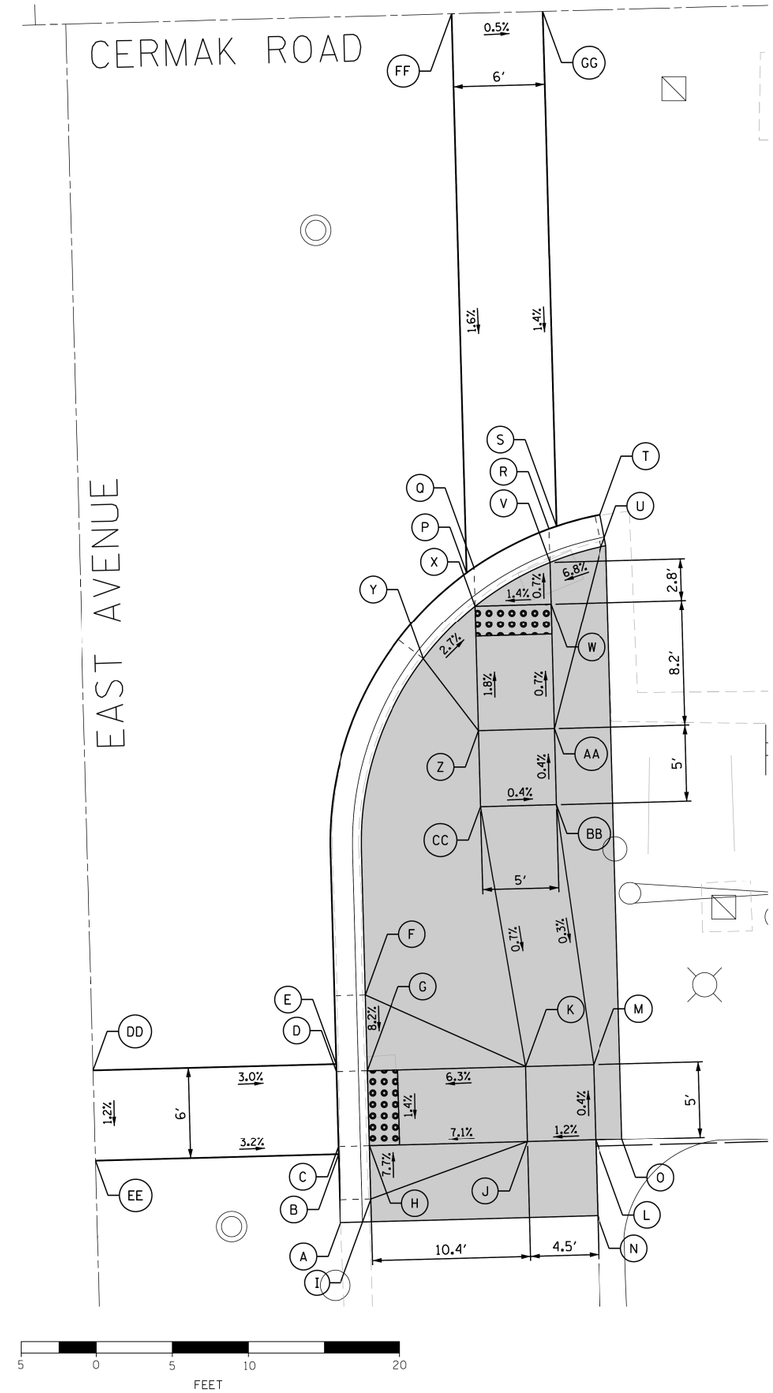
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2389+03.20	44.75 R	614.88
B	2389+08.20	44.81 R	614.85
C	2389+08.70	44.86 R	614.85
D	2389+13.70	45.95 R	614.81
E	2389+14.13	46.10 R	614.81
F	2389+05.20	46.83 R	615.10
G	2389+08.70	46.95 R	614.83
H	2389+08.70	48.17 R	614.84
I	2389+13.70	48.17 R	614.79
J	2389+17.20	49.93 R	615.02
K	2389+08.70	52.17 R	614.98
L	2389+13.70	52.17 R	614.93
M	2389+08.70	57.17 R	615.00
N	2389+13.70	57.17 R	614.95
O	2389+28.53	69.07 R	614.67
P	2389+28.53	69.57 R	614.67
Q	2389+28.53	74.57 R	614.69
R	2389+28.53	75.07 R	614.69
S	2389+28.53	77.57 R	(614.70)
T	2389+26.44	66.07 R	614.91
U	2389+26.45	69.57 R	614.65
V	2389+26.45	74.57 R	614.67
W	2389+13.70	69.57 R	614.96
X	2389+08.70	69.57 R	615.02
Y	2389+13.70	74.57 R	(614.98)
Z	2389+08.70	74.57 R	(615.04)
AA	2389+03.20	74.57 R	(615.17)
BB	2389+11.00	0.00	615.83
CC	2389+17.01	0.00	615.78
DD	2389+48.03	69.07 R	614.94
EE	2389+48.03	75.07 R	614.87

	STATION	OFFSET	ELEVATION
A	2389+64.03	79.57 R	(614.18)
B	2389+64.03	75.07 R	614.36
C	2389+64.03	74.57 R	614.38
D	2389+64.03	69.57 R	614.45
E	2389+64.03	69.07 R	614.46
F	2389+66.12	64.57 R	614.84
G	2389+66.12	69.57 R	614.43
H	2389+66.12	74.57 R	614.36
I	2389+66.12	78.07 R	614.63
J	2389+76.53	74.57 R	615.10
K	2389+76.53	69.57 R	615.08
L	2389+81.03	74.57 R	(615.16)
M	2389+81.03	69.57 R	615.14
N	2389+81.03	79.57 R	(615.12)
O	2389+82.78	74.57 R	(615.18)
P	2389+73.53	36.90 R	615.05
Q	2389+74.03	36.56 R	615.06
R	2389+79.03	34.14 R	615.11
S	2389+79.53	33.98 R	615.12
T	2389+82.44	33.29 R	(615.14)
U	2389+82.45	35.41 R	(615.33)
V	2389+79.03	36.35 R	615.09
W	2389+79.03	39.10 R	615.11
X	2389+74.03	39.10 R	615.04
Y	2389+70.53	42.49 R	615.17
Z	2389+74.03	47.33 R	615.19
AA	2389+79.03	47.33 R	615.17
BB	2389+79.03	52.33 R	615.19
CC	2389+74.03	52.33 R	615.21
DD	2389+48.03	69.07 R	614.94
EE	2389+48.03	75.07 R	614.87
FF	2389+73.53	0.00	615.64
GG	2389+79.53	0.00	615.61



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-East02.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & EAST AVENUE

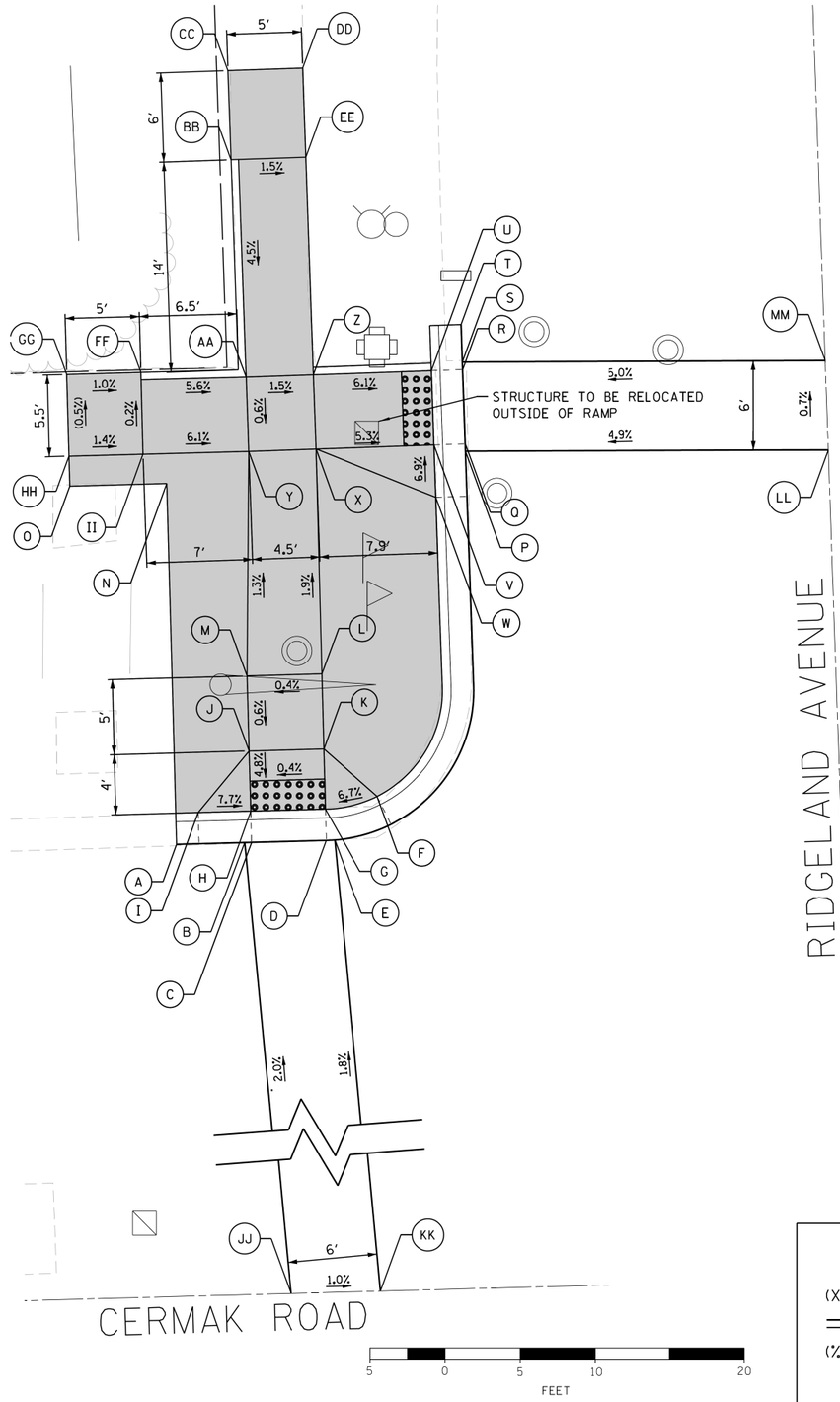
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22K

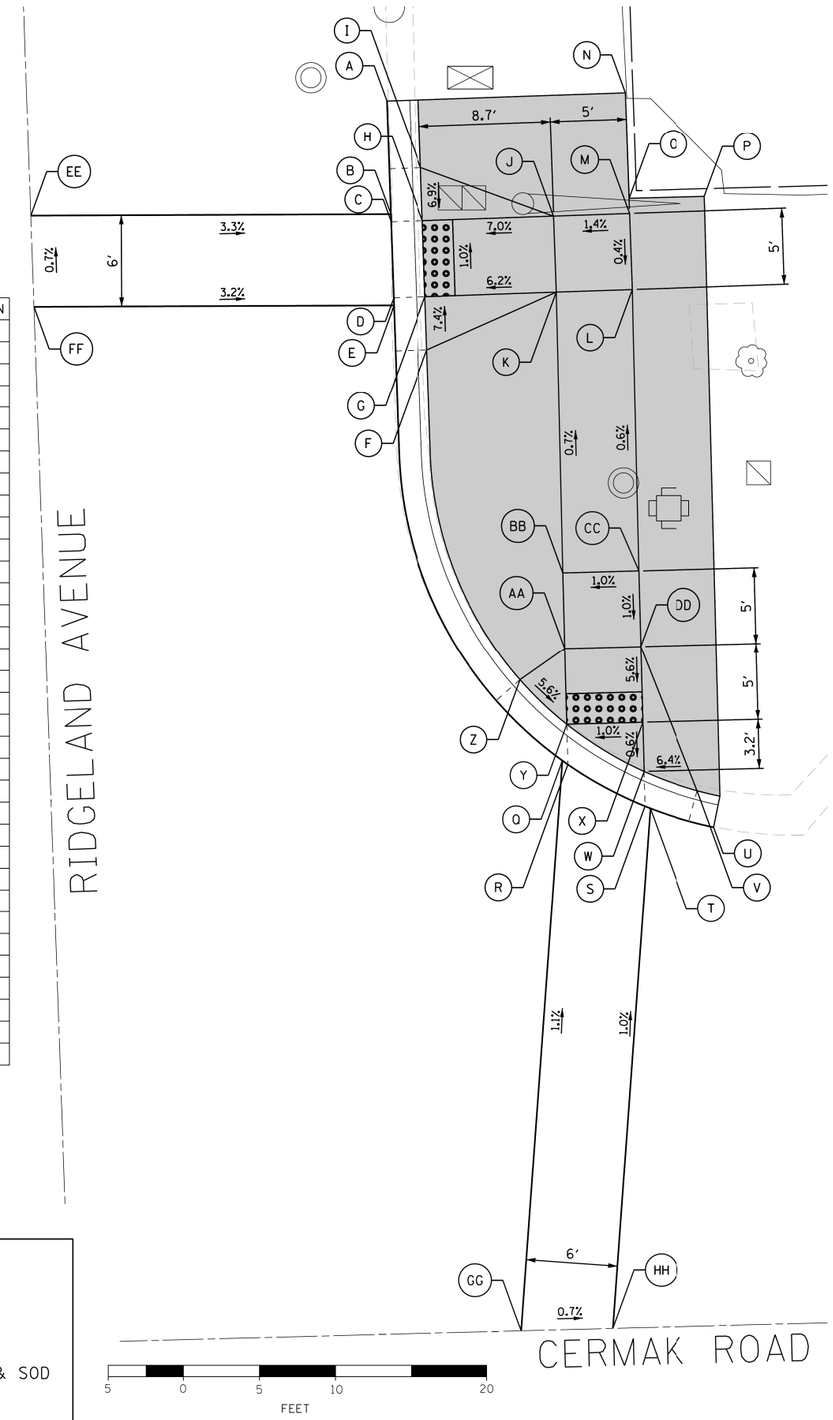
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2402+35.67	43.25 L	(611.49)
B	2402+40.22	43.25 L	611.52
C	2402+40.67	43.25 L	611.52
D	2402+45.67	43.25 L	611.54
E	2402+46.23	43.26 L	611.54
F	2402+49.17	46.08 L	611.76
G	2402+45.67	45.33 L	611.52
H	2402+40.67	45.33 L	611.50
I	2402+37.17	45.33 L	611.77
J	2402+40.67	49.33 L	611.69
K	2402+45.67	49.33 L	611.71
L	2402+45.67	54.33 L	611.74
M	2402+40.67	54.33 L	611.72
N	2402+35.67	67.34 L	(611.93)
O	2402+29.14	67.34 L	(611.97)
P	2402+55.68	68.95 L	611.03
Q	2402+55.68	69.45 L	611.02
R	2402+55.64	74.45 L	610.99
S	2402+55.63	74.95 L	610.98
T	2402+55.62	77.45 L	(610.86)
U	2402+53.56	74.43 L	611.01
V	2402+53.59	69.43 L	610.04
W	2402+53.62	65.93 L	611.33
X	2402+45.68	69.37 L	611.46
Y	2402+41.18	69.34 L	611.53
Z	2402+45.64	74.37 L	611.49
AA	2402+41.14	74.34 L	611.56
BB	2402+40.53	88.83 L	(612.21)
CC	2402+40.48	94.83 L	(612.24)
DD	2402+45.48	94.87 L	(612.07)
EE	2402+45.53	88.87 L	612.14
FF	2402+34.14	74.84 L	(611.95)
GG	2402+29.14	74.84 L	(612.00)
HH	2402+29.14	69.34 L	(612.03)
II	2402+34.14	69.34 L	(611.96)
JJ	2402+43.14	0.00	612.39
KK	2402+49.16	0.00	612.33
LL	2402+79.94	68.40 L	612.23
MM	2402+79.89	74.40 L	612.19



	STATION	OFFSET	ELEVATION
A	2403+03.53	81.37 L	(611.29)
B	2403+03.60	73.87 L	611.41
C	2403+03.60	73.37 L	611.42
D	2403+03.64	68.37 L	611.47
E	2403+03.65	67.87 L	611.48
F	2403+05.76	64.88 L	611.73
G	2403+05.73	68.38 L	611.47
H	2403+05.69	73.38 L	611.42
I	2403+05.66	76.88 L	611.66
J	2403+14.35	73.46 L	612.03
K	2403+14.39	68.46 L	612.01
L	2403+19.39	68.50 L	612.08
M	2403+19.35	73.50 L	612.10
N	2403+19.28	81.50 L	(612.27)
O	2403+19.34	74.50 L	(612.11)
P	2403+24.34	74.50 L	(612.27)
Q	2403+14.00	37.56 L	611.82
R	2403+14.34	37.29 L	611.83
S	2403+19.34	34.42 L	611.86
T	2403+19.70	34.26 L	611.86
U	2403+23.87	32.92 L	(611.88)
V	2403+22.84	35.35 L	612.08
W	2403+19.34	36.71 L	611.84
X	2403+19.34	39.94 L	611.86
Y	2403+14.34	39.94 L	611.81
Z	2403+11.34	42.96 L	612.05
AA	2403+14.34	44.94 L	612.09
BB	2403+14.34	49.94 L	612.14
CC	2403+19.34	49.94 L	612.19
DD	2403+19.34	44.94 L	612.14
EE	2402+79.89	74.40 L	612.19
FF	2402+79.94	68.40 L	612.23
GG	2403+10.30	0.00	612.23
HH	2403+16.33	0.00	612.19

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Ridgeland01.dgn	USER NAME = jrobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & RIDGELAND AVENUE

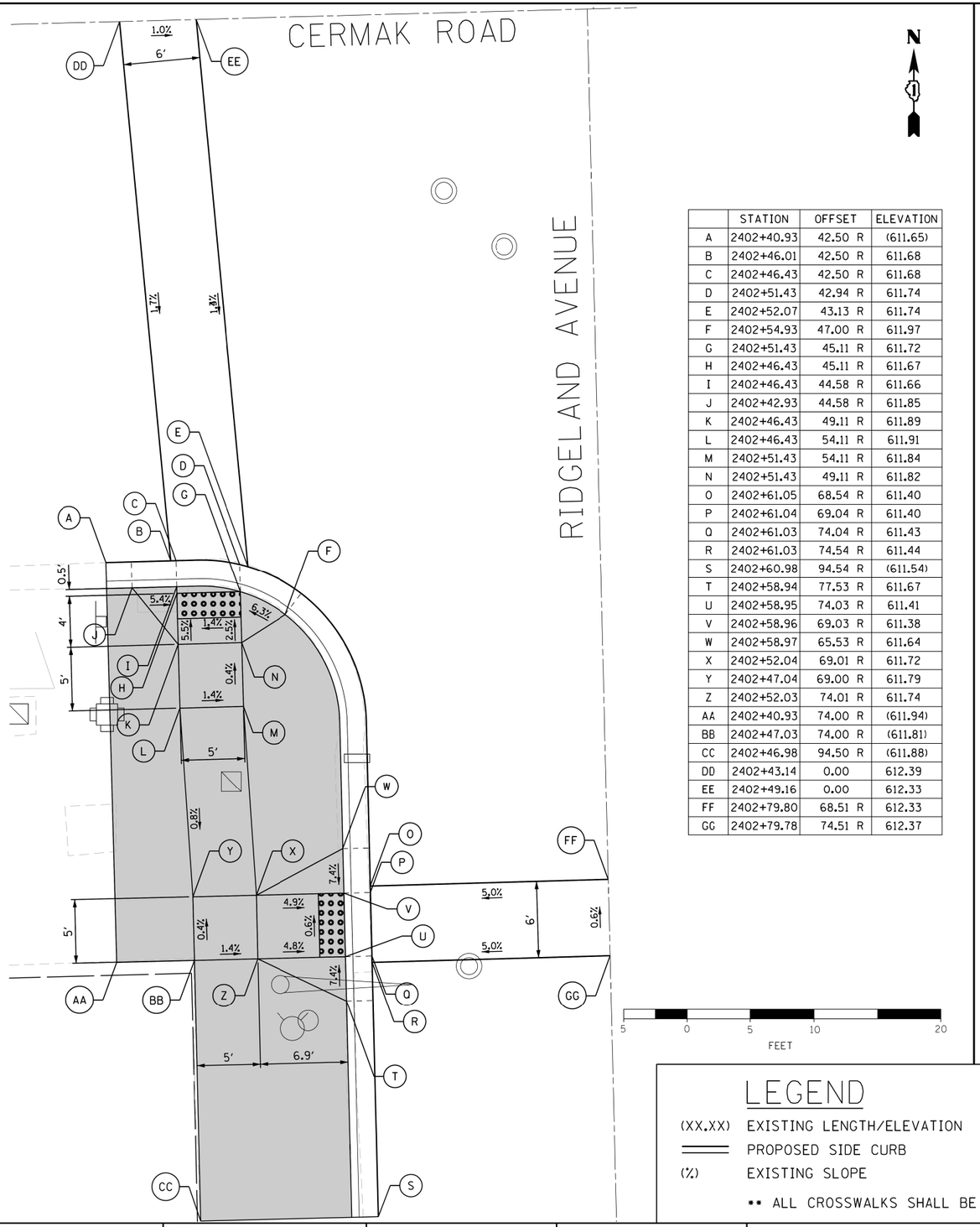
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22L

CONTRACT NO. 62F74

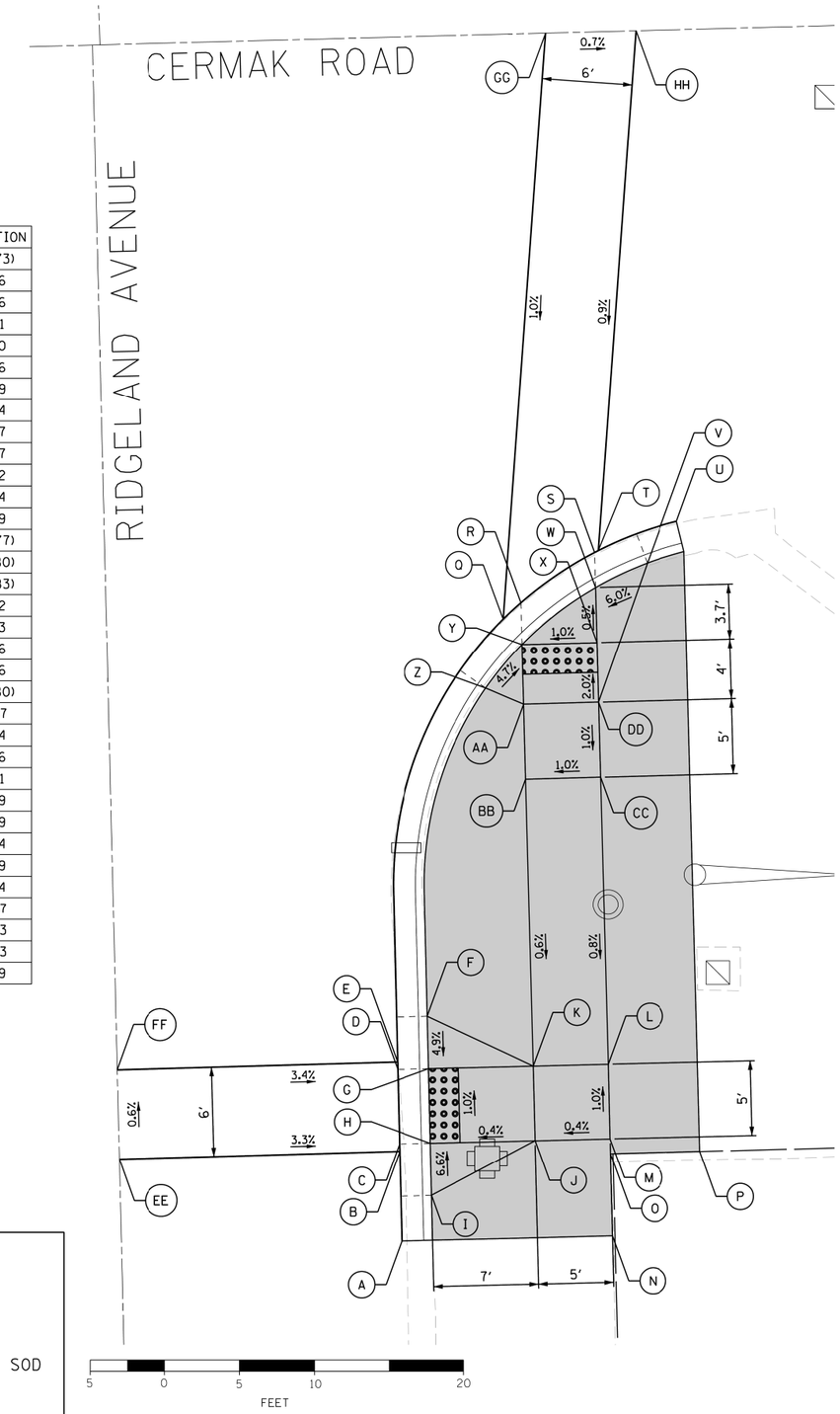
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2402+40.93	42.50 R	(611.65)
B	2402+46.01	42.50 R	611.68
C	2402+46.43	42.50 R	611.68
D	2402+51.43	42.94 R	611.74
E	2402+52.07	43.13 R	611.74
F	2402+54.93	47.00 R	611.97
G	2402+51.43	45.11 R	611.72
H	2402+46.43	45.11 R	611.67
I	2402+46.43	44.58 R	611.66
J	2402+42.93	44.58 R	611.85
K	2402+46.43	49.11 R	611.89
L	2402+46.43	54.11 R	611.91
M	2402+51.43	54.11 R	611.84
N	2402+51.43	49.11 R	611.82
O	2402+61.05	68.54 R	611.40
P	2402+61.04	69.04 R	611.40
Q	2402+61.03	74.04 R	611.43
R	2402+61.03	74.54 R	611.44
S	2402+60.98	94.54 R	(611.54)
T	2402+58.94	77.53 R	611.67
U	2402+58.95	74.03 R	611.41
V	2402+58.96	69.03 R	611.38
W	2402+58.97	65.53 R	611.64
X	2402+52.04	69.01 R	611.72
Y	2402+47.04	69.00 R	611.79
Z	2402+52.03	74.01 R	611.74
AA	2402+40.93	74.00 R	(611.94)
BB	2402+47.03	74.00 R	(611.81)
CC	2402+46.98	94.50 R	(611.88)
DD	2402+43.14	0.00	612.39
EE	2402+49.16	0.00	612.33
FF	2402+79.80	68.51 R	612.33
GG	2402+79.78	74.51 R	612.37

	STATION	OFFSET	ELEVATION
A	2402+98.57	80.47 R	(611.73)
B	2402+98.58	74.47 R	611.76
C	2402+98.58	73.97 R	611.76
D	2402+98.59	68.97 R	611.71
E	2402+98.59	68.47 R	611.70
F	2403+00.68	65.48 R	611.86
G	2403+00.67	68.98 R	611.69
H	2403+00.66	73.98 R	611.74
I	2403+00.66	77.48 R	611.97
J	2403+07.66	73.99 R	611.77
K	2403+07.67	68.99 R	611.72
L	2403+12.67	69.00 R	611.74
M	2403+12.66	74.00 R	611.79
N	2403+12.65	80.50 R	(611.77)
O	2403+12.66	75.00 R	(611.80)
P	2403+18.66	75.00 R	(611.83)
Q	2403+06.45	39.07 R	611.82
R	2403+07.66	38.00 R	611.83
S	2403+12.66	34.78 R	611.86
T	2403+12.91	34.65 R	611.86
U	2403+18.21	32.84 R	(611.80)
V	2403+16.16	35.58 R	612.07
W	2403+12.66	37.12 R	611.84
X	2403+12.66	40.80 R	611.86
Y	2403+07.66	40.80 R	611.81
Z	2403+05.16	43.66 R	611.99
AA	2403+07.66	44.80 R	611.89
BB	2403+07.66	49.80 R	611.84
CC	2403+12.66	49.80 R	611.89
DD	2403+12.66	44.80 R	611.94
EE	2402+79.78	74.51 R	612.37
FF	2402+79.80	68.51 R	612.33
GG	2403+10.30	0.00	612.23
HH	2403+16.33	0.00	612.19



LEGEND

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

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Ridgeland02.dgn	USER NAME = jirobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RGJ	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & RIDGELAND AVENUE

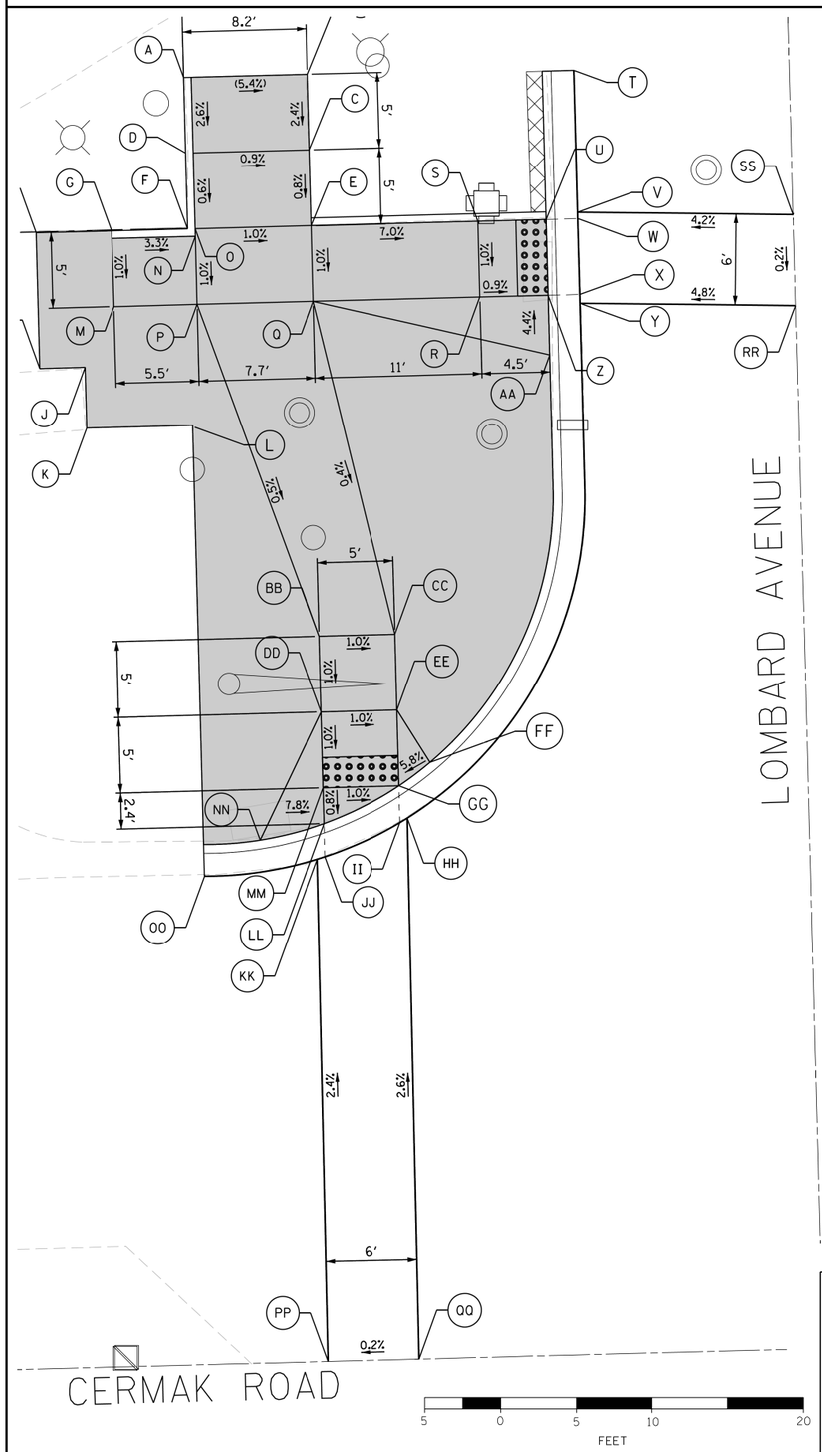
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJ.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22M

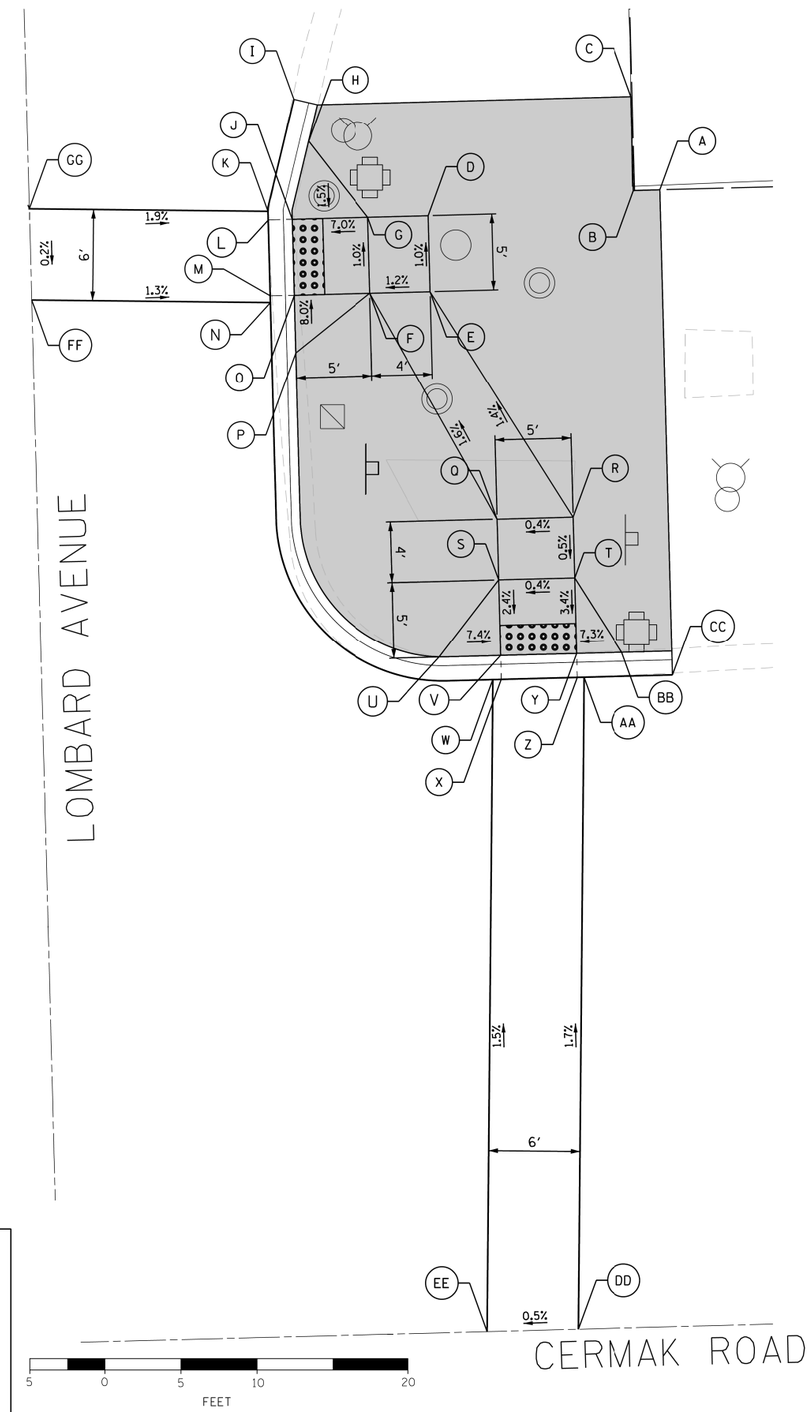
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2415+77.25	84.95 L	(609.93)
B	2415+85.41	84.95 L	(609.49)
C	2415+85.41	79.95 L	609.73
D	2415+85.41	79.95 L	609.73
E	2415+85.41	74.95 L	609.69
F	2415+77.25	74.95 L	(609.95)
G	2415+72.25	74.95 L	(609.95)
H	2415+67.25	74.95 L	(609.85)
I	2415+67.25	66.00 L	(609.92)
J	2415+70.25	66.00 L	(609.82)
K	2415+70.25	62.00 L	(609.97)
L	2415+77.25	62.00 L	(609.71)
M	2415+72.25	69.95 L	609.90
N	2415+77.75	74.45 L	609.77
O	2415+77.75	74.95 L	609.77
P	2415+77.75	69.95 L	609.72
Q	2415+85.41	69.95 L	609.64
R	2415+96.41	69.95 L	608.87
S	2415+96.41	74.95 L	608.92
T	2416+03.00	84.75 L	(608.98)
U	2416+00.91	74.95 L	608.88
V	2416+03.00	75.38 L	608.88
W	2416+03.00	74.95 L	608.86
X	2416+03.00	69.95 L	608.81
Y	2416+03.00	69.37 L	608.79
Z	2416+00.91	69.95 L	608.83
AA	2416+00.91	66.02 L	609.00
BB	2415+85.23	47.87 L	609.60
CC	2415+90.23	47.87 L	609.55
DD	2415+85.23	42.87 L	609.55
EE	2415+90.23	42.87 L	609.50
FF	2415+92.32	39.36 L	609.60
GG	2415+90.23	37.87 L	609.45
HH	2415+90.73	35.74 L	609.41
II	2415+90.23	35.45 L	609.43
JJ	2415+85.23	33.32 L	609.46
KK	2415+84.72	33.17 L	609.48
LL	2415+85.23	35.51 L	609.48
MM	2415+85.23	37.87 L	609.50
NN	2415+80.98	34.53 L	609.82
OO	2415+77.25	32.25 L	(609.66)
PP	2415+84.57	0.00	610.29
QQ	2415+90.57	0.00	610.30
RR	2416+17.25	68.84 L	609.47
SS	2416+17.25	74.85 L	609.48



	STATION	OFFSET	ELEVATION
A	2416+58.92	75.00 L	(609.66)
B	2416+57.17	75.00 L	(609.67)
C	2416+57.17	81.21 L	(609.84)
D	2416+43.58	73.70 L	609.62
E	2416+43.58	68.70 L	609.67
F	2416+39.58	68.70 L	609.62
G	2416+39.58	73.70 L	609.57
H	2416+35.79	78.81 L	609.40
I	2416+34.90	81.62 L	(608.83)
J	2416+34.58	73.70 L	609.22
K	2416+33.00	74.26 L	609.18
L	2416+33.00	73.70 L	609.20
M	2416+33.00	68.70 L	609.25
N	2416+33.00	68.26 L	609.27
O	2416+34.58	68.70 L	609.27
P	2416+34.58	64.90 L	609.57
Q	2416+47.59	53.58 L	609.90
R	2416+52.59	53.58 L	609.92
S	2416+47.59	49.58 L	609.88
T	2416+52.59	49.58 L	609.90
U	2416+43.54	44.59 L	610.06
V	2416+47.59	44.58 L	609.76
W	2416+47.03	43.00 L	609.75
X	2416+47.59	43.00 L	609.74
Y	2416+52.59	44.58 L	609.73
Z	2416+52.59	43.00 L	609.71
AA	2416+53.03	43.00 L	609.70
BB	2416+55.59	44.58 L	609.95
CC	2416+58.92	43.00 L	(609.68)
DD	2416+51.54	0.00	610.41
EE	2416+45.54	0.00	610.38
FF	2416+17.25	68.84 L	609.47
GG	2416+17.25	74.85 L	609.48

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Lombard01.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & LOMBARD AVENUE

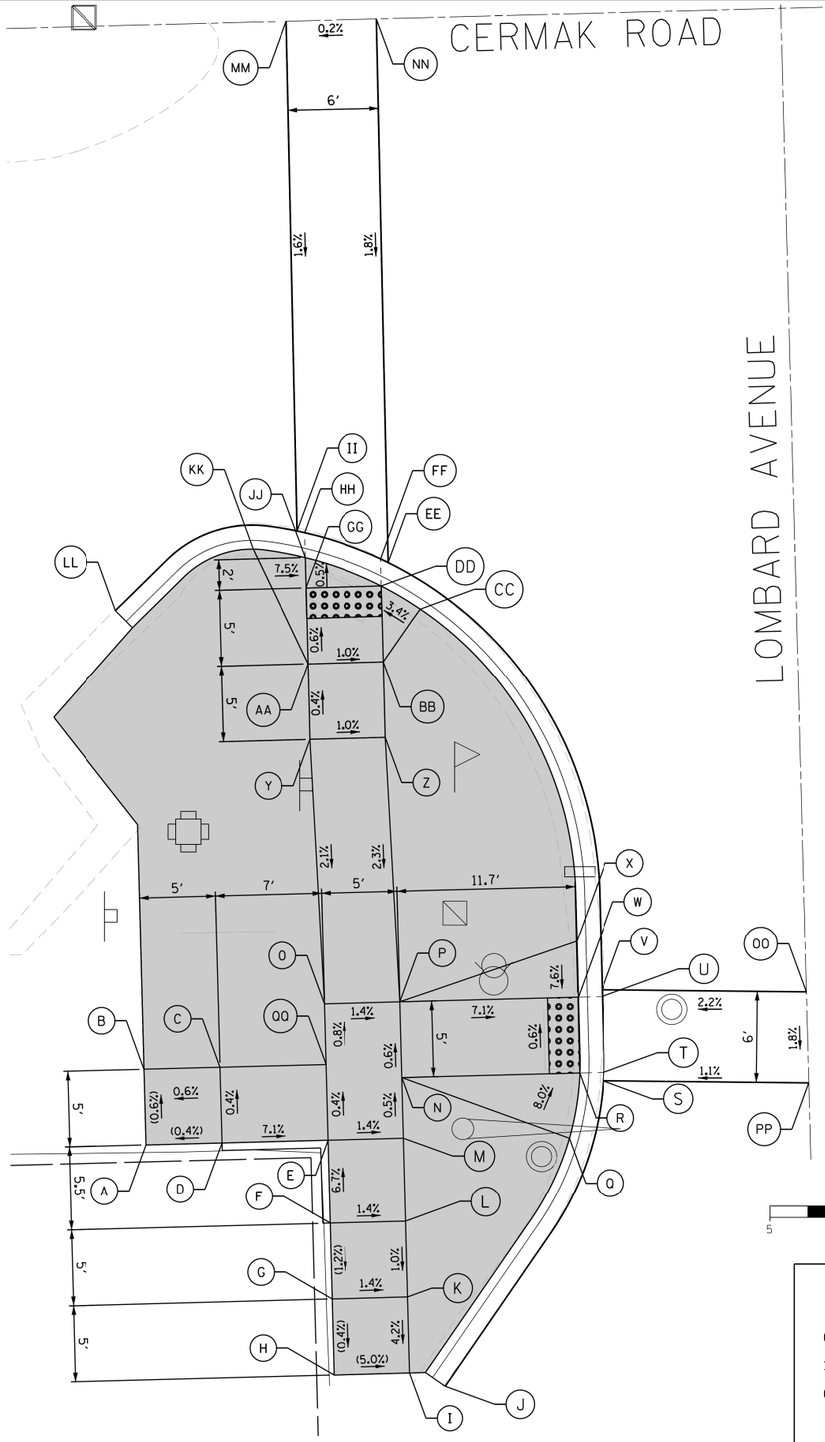
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJJ. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22N

CONTRACT NO. 62F74

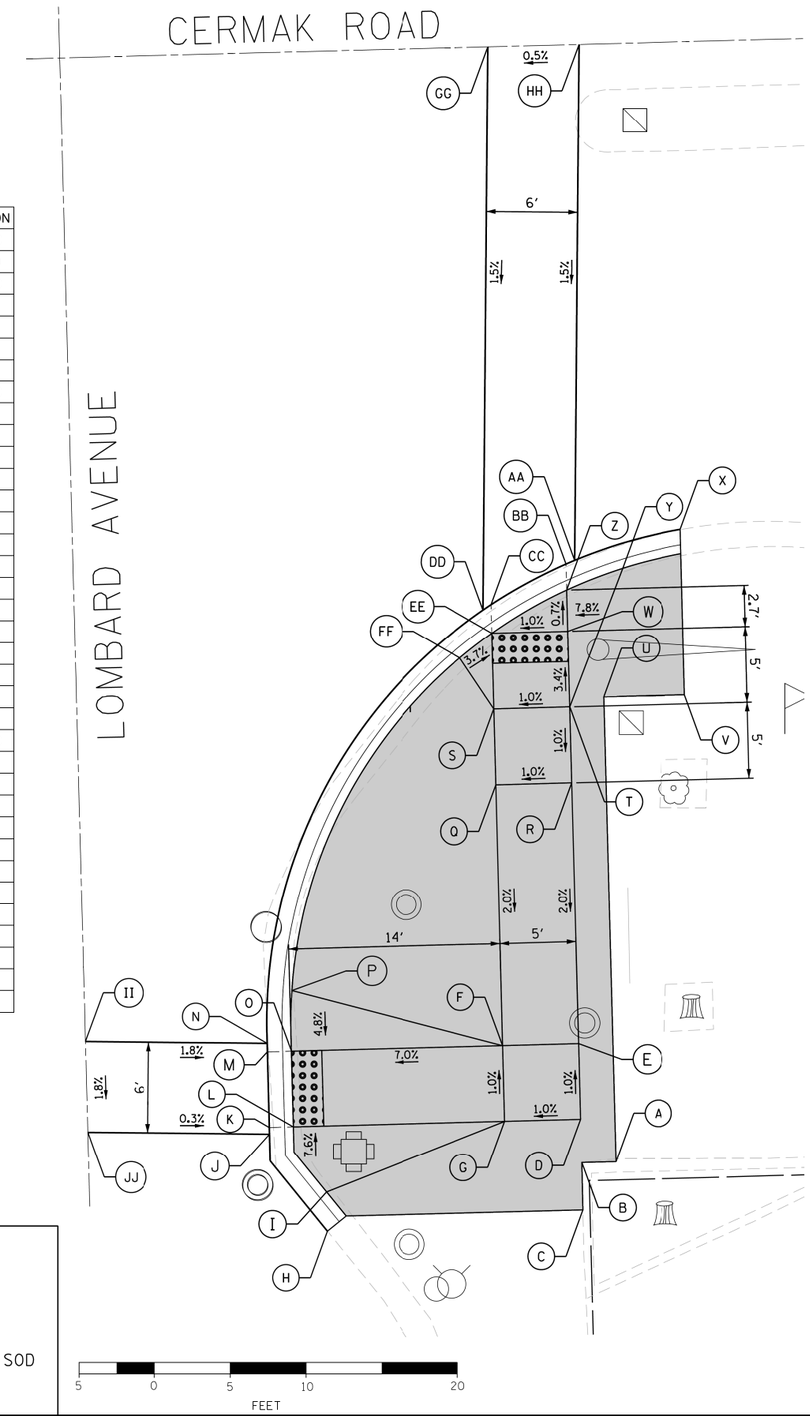
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2415+73.41	73.89 R	(609.98)
B	2415+73.41	68.89 R	(609.95)
C	2415+78.41	68.89 R	609.98
D	2415+78.41	73.89 R	(610.00)
E	2415+85.41	73.89 R	609.50
F	2415+85.41	79.39 R	(609.87)
G	2415+85.41	84.39 R	(609.81)
H	2415+85.41	89.39 R	(609.79)
I	2415+90.41	89.39 R	(609.54)
J	2415+92.73	90.32 R	(608.76)
K	2415+90.41	84.39 R	609.74
L	2415+90.41	79.39 R	609.80
M	2415+90.41	73.89 R	609.43
N	2415+90.41	69.89 R	609.41
O	2415+85.41	64.89 R	609.45
P	2415+90.41	64.89 R	609.38
Q	2416+01.32	74.18 R	608.93
R	2416+02.12	69.89 R	608.58
S	2416+03.67	70.44 R	608.57
T	2416+03.71	69.89 R	608.56
U	2416+03.75	64.89 R	608.53
V	2416+03.75	64.44 R	608.52
W	2416+02.16	64.89 R	608.55
X	2416+02.16	61.18 R	608.83
Y	2415+84.91	47.41 R	609.82
Z	2415+89.91	47.41 R	609.77
AA	2415+84.91	42.41 R	609.80
BB	2415+89.91	42.41 R	609.75
CC	2415+92.43	39.00 R	609.82
DD	2415+89.91	37.41 R	609.72
EE	2415+90.41	35.89 R	609.68
FF	2415+89.91	35.63 R	609.70
GG	2415+84.91	37.41 R	609.77
HH	2415+84.91	33.77 R	609.74
II	2415+84.42	33.65 R	609.75
JJ	2415+84.91	35.41 R	609.76
KK	2415+81.50	34.77 R	609.02
LL	2415+72.33	38.58 R	(609.75)
MM	2415+84.57	0.00	610.29
NN	2415+90.57	0.00	610.30
OO	2416+17.25	64.93 R	608.81
PP	2416+17.25	70.93 R	608.72
QQ	2415+85.41	68.89 R	609.48

	STATION	OFFSET	ELEVATION
A	2416+52.05	73.80 R	(609.79)
B	2416+49.79	73.80 R	(609.81)
C	2416+49.79	76.92 R	(609.78)
D	2416+49.79	70.92 R	609.74
E	2416+49.79	65.92 R	609.69
F	2416+44.79	65.92 R	609.64
G	2416+44.79	70.92 R	609.69
H	2416+32.89	77.89 R	(608.72)
I	2416+32.90	75.31 R	609.06
J	2416+29.25	71.37 R	608.69
K	2416+29.25	70.92 R	608.67
L	2416+30.83	70.92 R	608.69
M	2416+29.25	65.92 R	608.62
N	2416+29.25	65.36 R	608.60
O	2416+30.83	65.92 R	608.64
P	2416+30.96	61.92 R	608.83
Q	2416+44.79	48.69 R	609.99
R	2416+49.79	48.69 R	610.04
S	2416+44.79	43.69 R	610.04
T	2416+49.79	43.69 R	610.09
U	2416+52.05	43.09 R	(610.19)
V	2416+57.40	43.09 R	(610.15)
W	2416+49.79	38.69 R	609.92
X	2416+57.40	32.16 R	(609.97)
Y	2416+53.52	34.62 R	610.21
Z	2416+49.79	35.96 R	609.90
AA	2416+50.36	34.02 R	609.90
BB	2416+49.79	34.25 R	609.88
CC	2416+44.79	36.80 R	609.85
DD	2416+44.24	37.15 R	609.83
EE	2416+44.79	38.69 R	609.87
FF	2416+42.63	40.27 R	609.95
GG	2416+45.54	0.00	610.38
HH	2416+51.54	0.00	610.41
II	2416+17.25	64.93 R	608.81
JJ	2416+17.25	70.93 R	608.72



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Lombard02.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

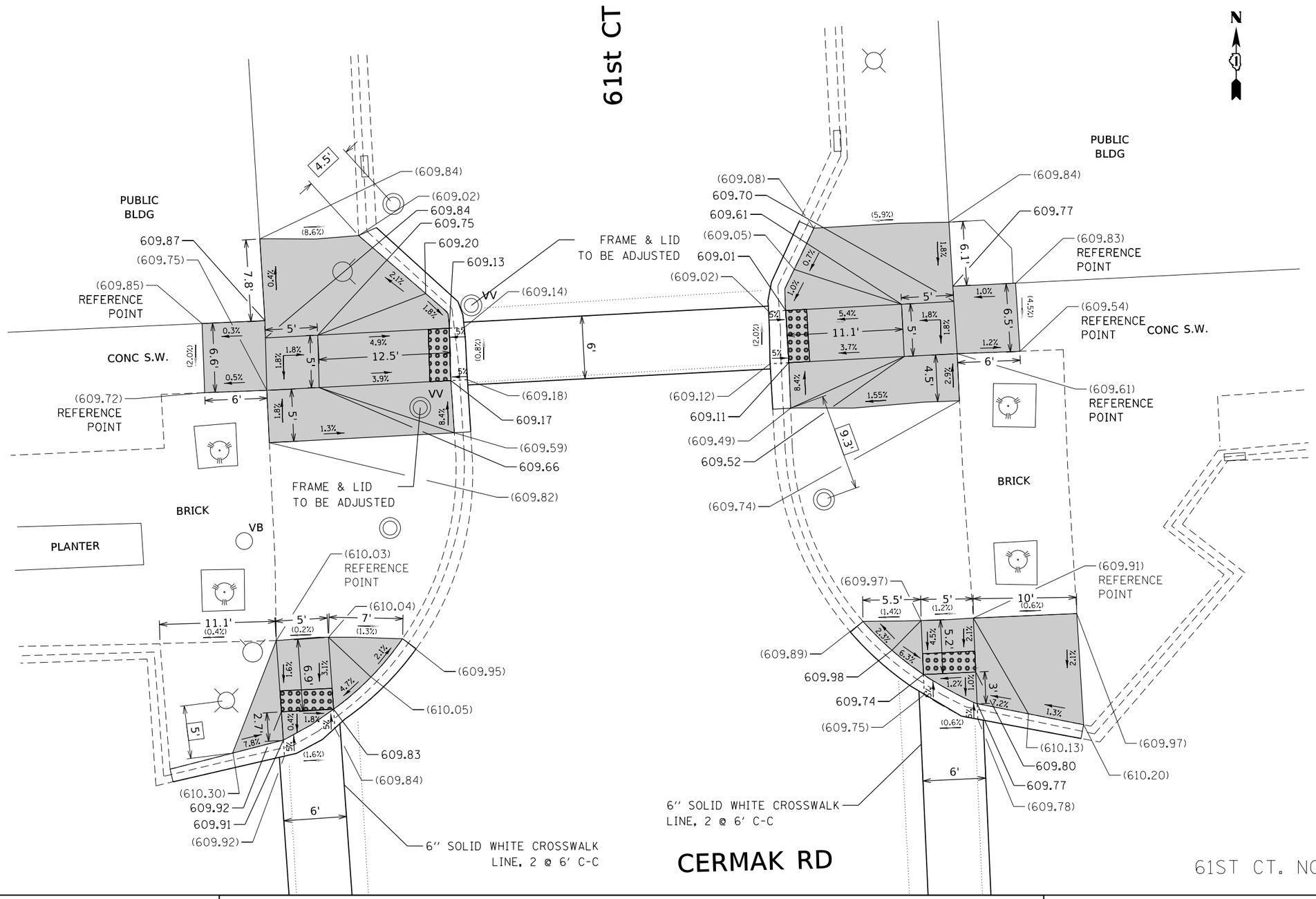
SMART CORRIDOR
CERMAK ROAD / 22ND STREET & LOMBARD AVENUE

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	220

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 611.745

BENCHMARK : ARROW POINTS TO NORTH EASTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 61ST CT.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\Data\Design\D103218-sht-dpx\sidwlk.dgn	USER NAME = Bilgramisa	DESIGNED - ___ __/__/____	REVISED - ML 4/27/18
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

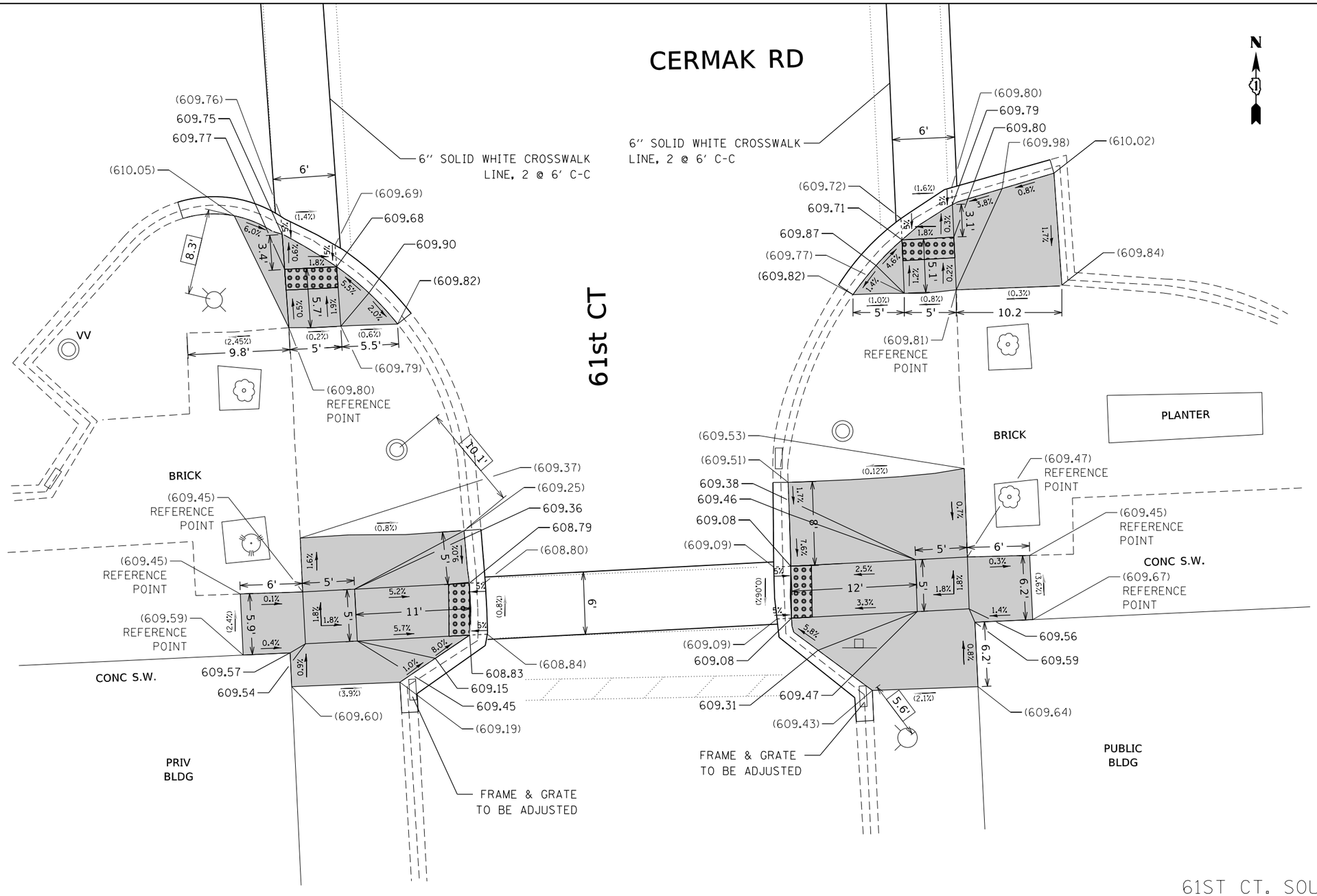
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22P

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



61ST CT. SOUTH LEG

LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 611.745

BENCHMARK : ARROW POINTS TO NORTH EASTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 61ST CT.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\DRAWING Default	USER NAME = Bilgramiso	DESIGNED - ___ __/__/____	REVISED - ML 4/27/18
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

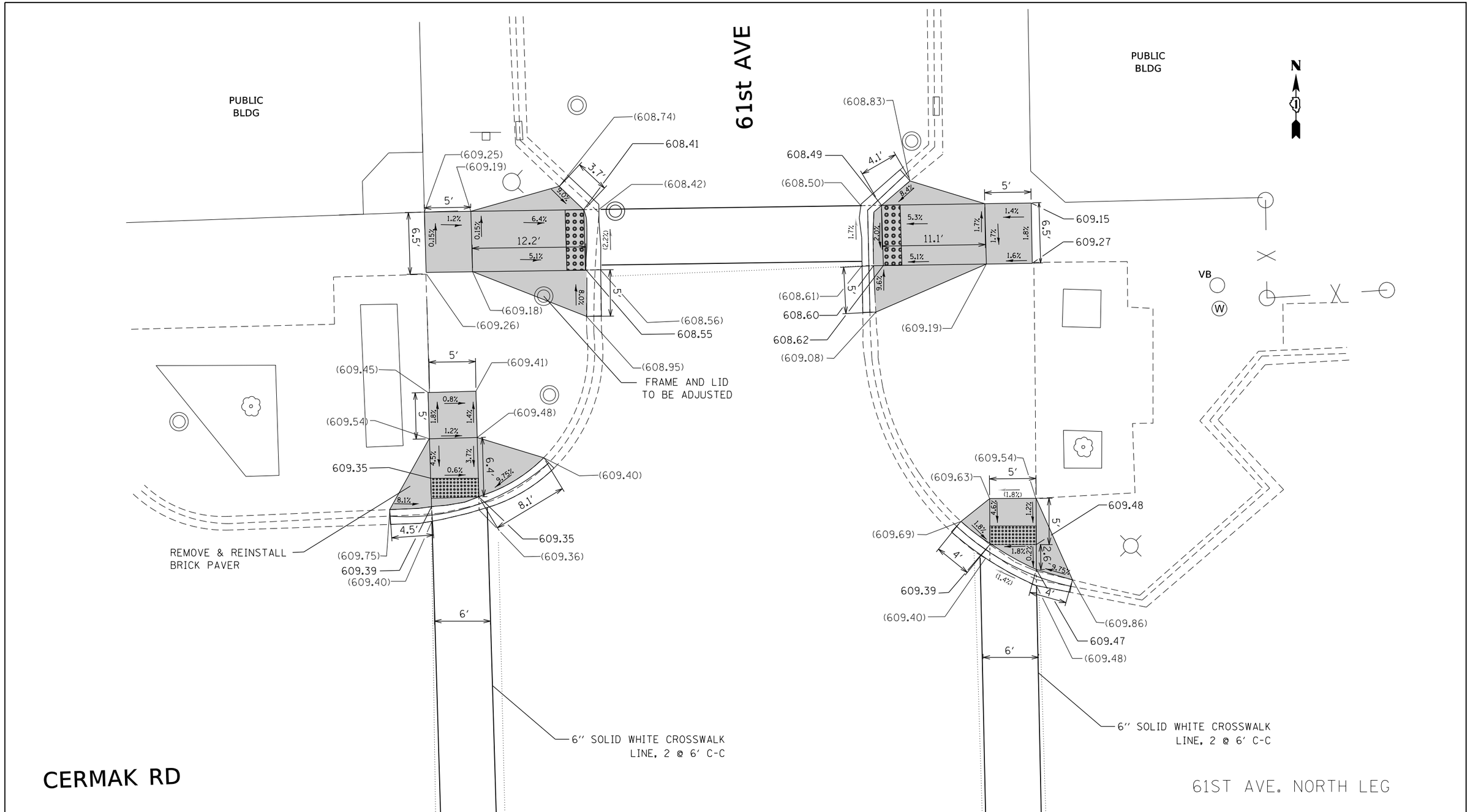
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	220

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 609.845

BENCHMARK : SOUTH EAST BOLT ON FIRE HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 61ST AVE.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\Contracts\Design\D103218-sht-dpx-alt2.dgn	USER NAME = Bilgramisa	DESIGNED - --- --/--/----	REVISED ML 4/27/18
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

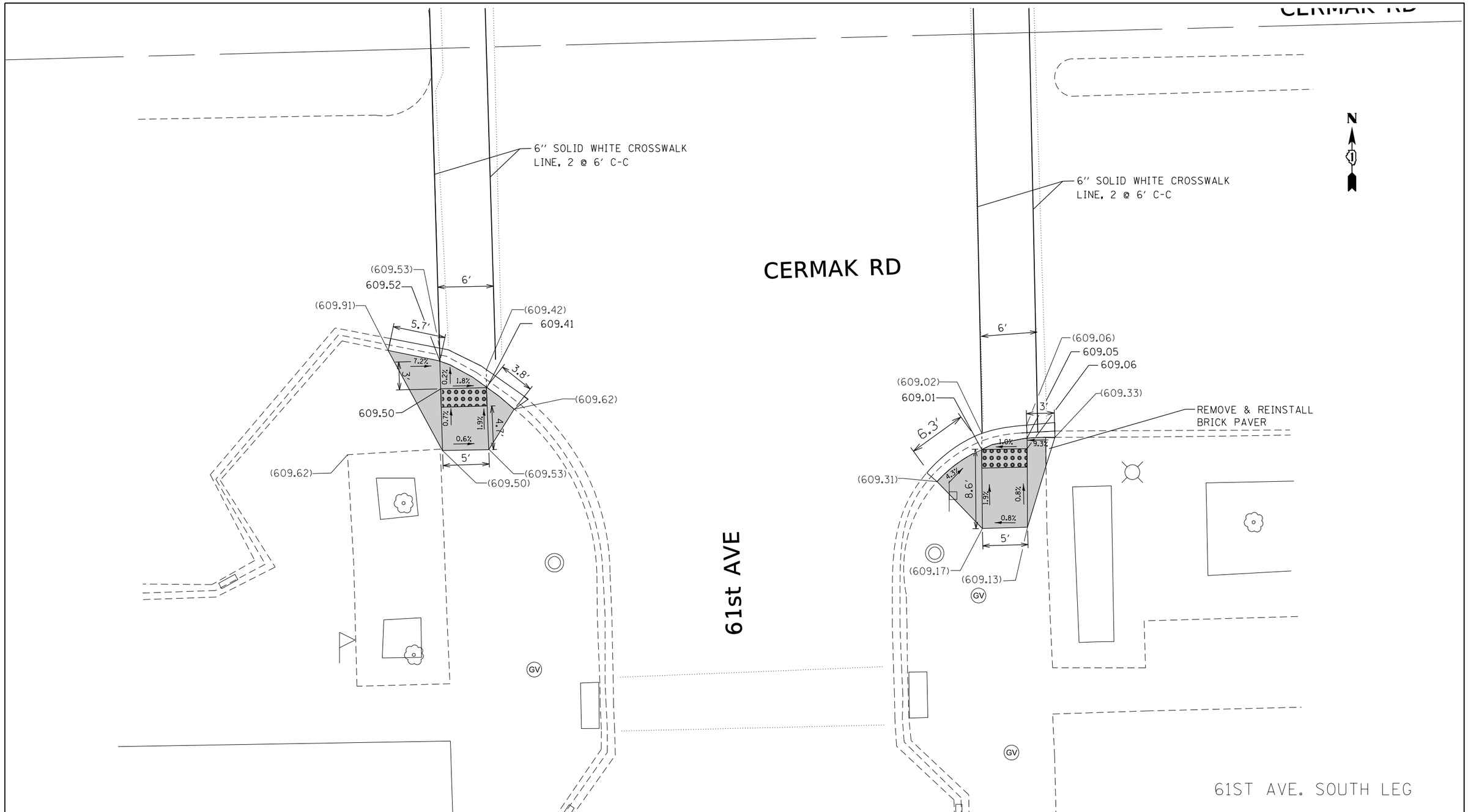
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22R

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 609.845

BENCHMARK : SOUTH EAST BOLT ON FIRE HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 61ST AVE.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\Data\Design\D103218-sht-dpfqu12.dgn	USER NAME = Bilgramise	DESIGNED - ___ __/__/____	REVISED - ML 4/27/18
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

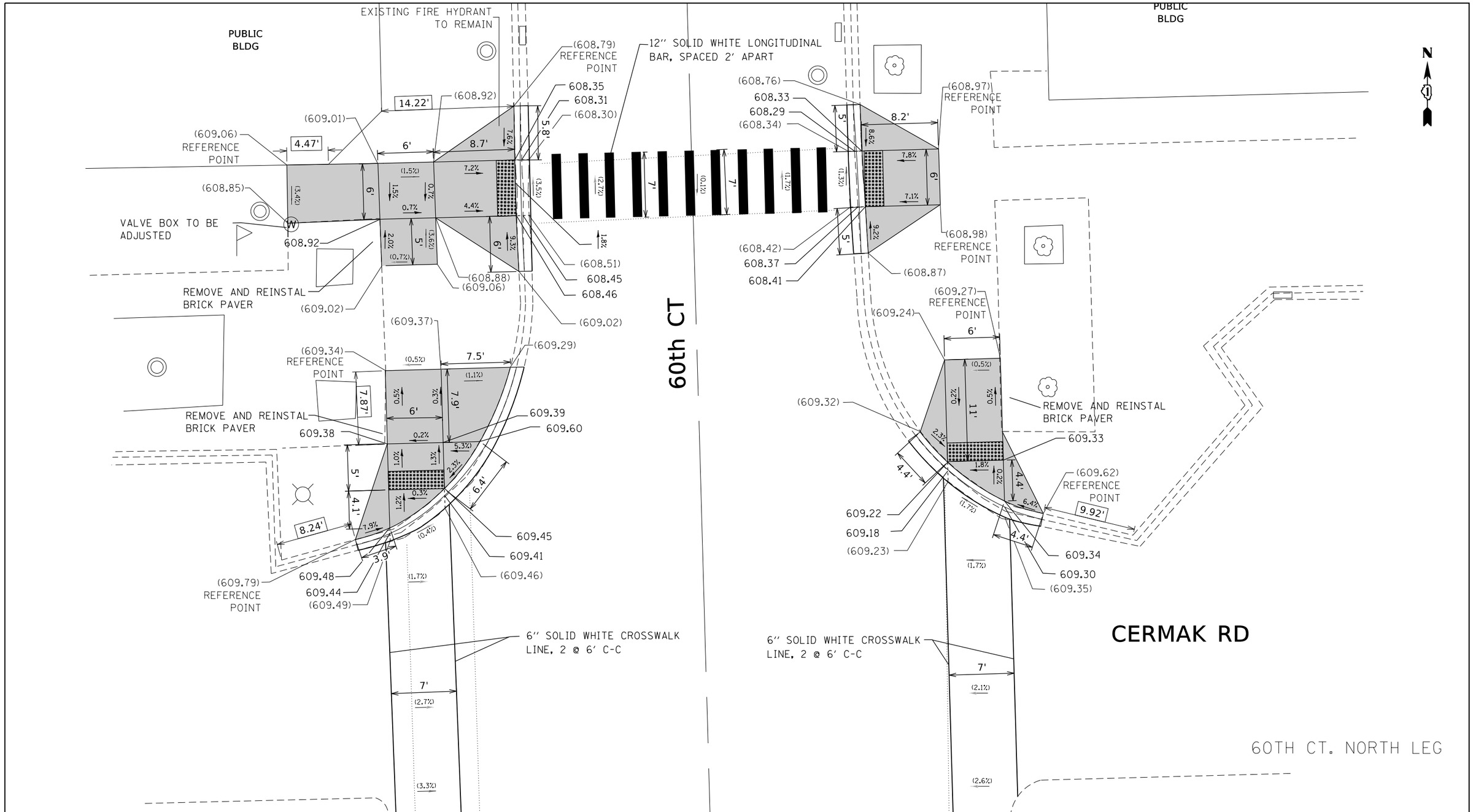
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22S

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 610.623

BENCHMARK : SE BOLT ON FIRE HYDRANT

LOCATION : NORTH WEST CORNER OF CERMAK AVE AND 60TH CT

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Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

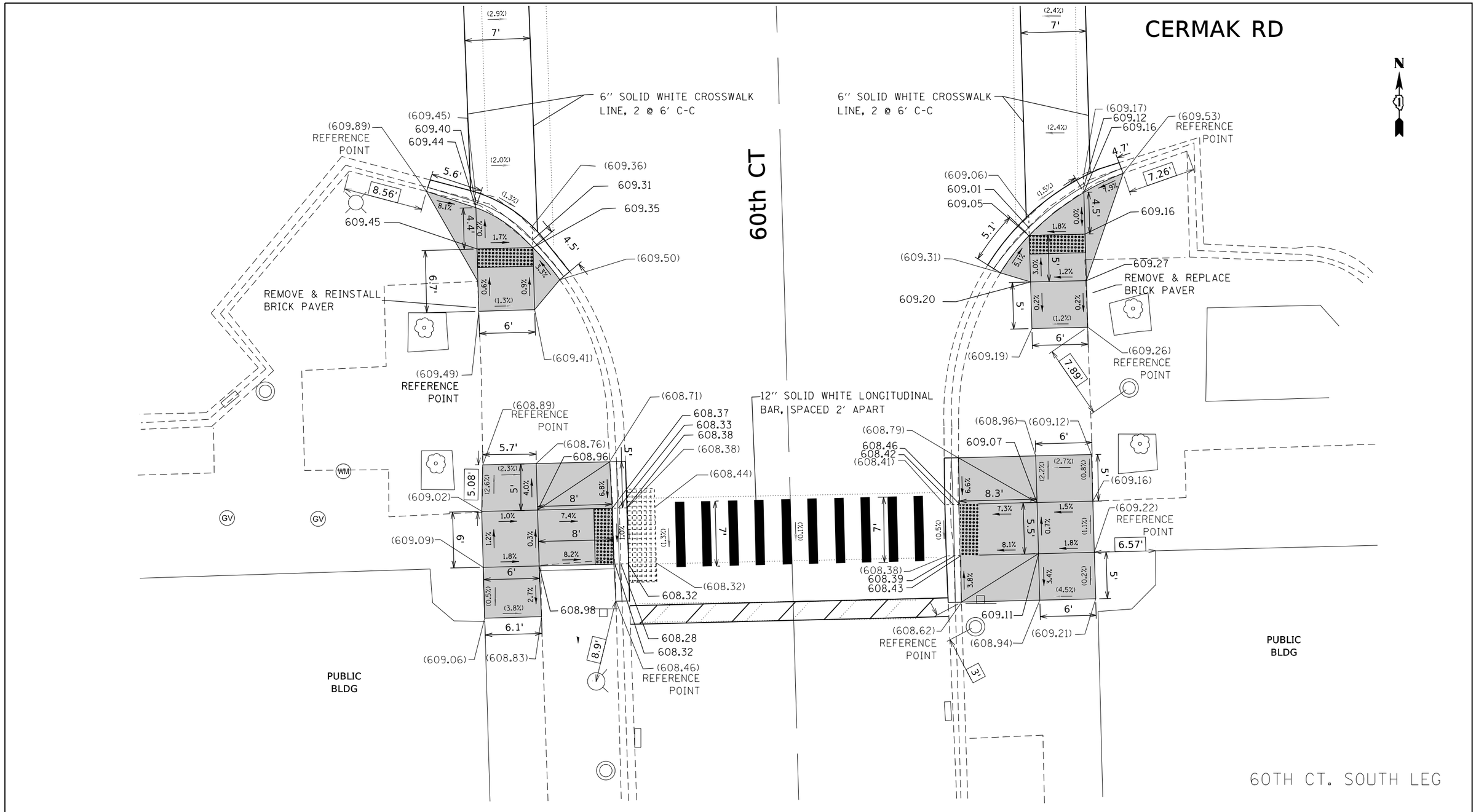
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22T

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 610.623

BENCHMARK : SE BOLT ON FIRE HYDRANT

LOCATION : NORTH WEST CORNER OF CERMAK AVE AND 60TH CT

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Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

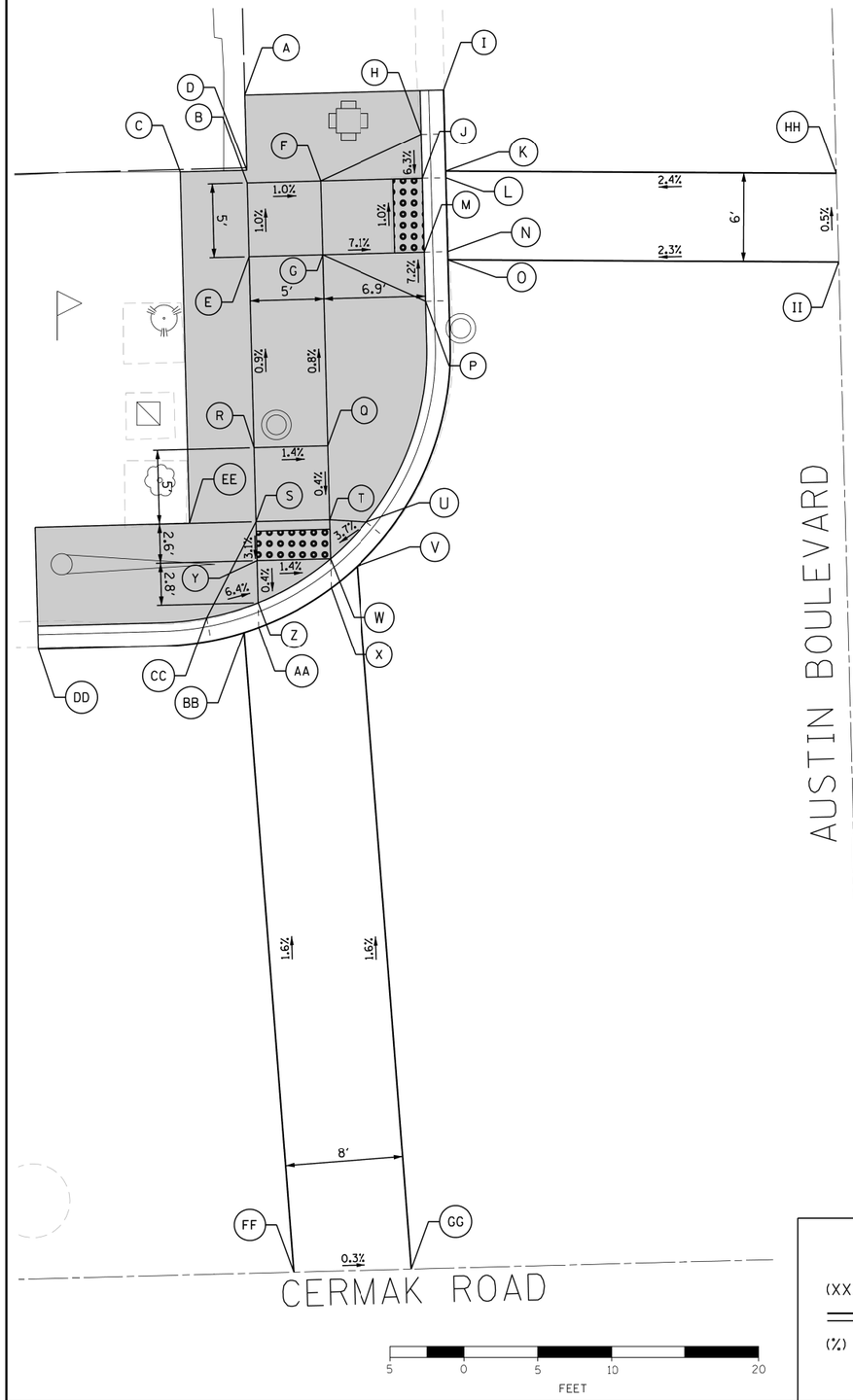
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22U

CONTRACT NO. 62F74

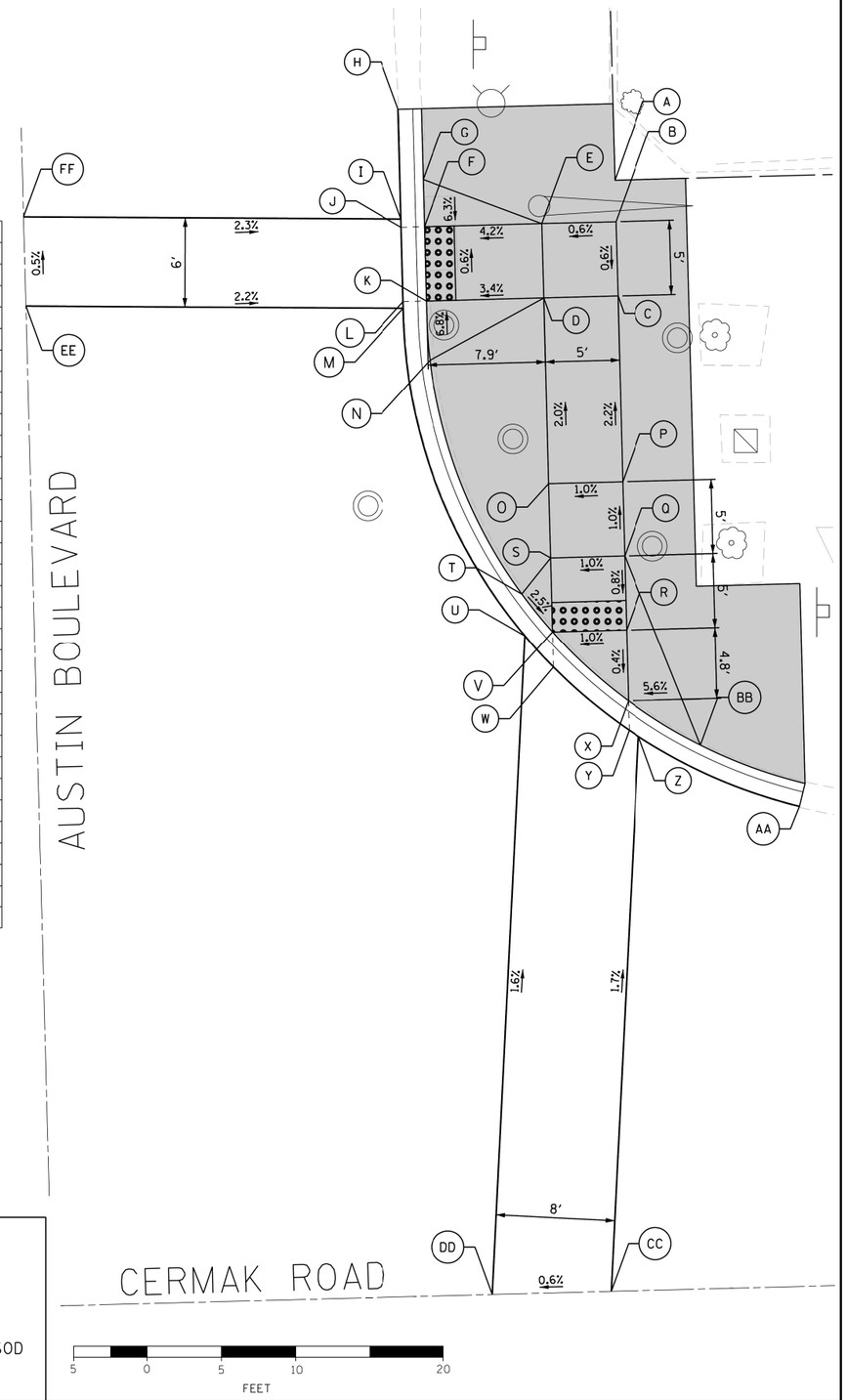
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2429+17.18	79.98 L	(608.99)
B	2429+17.18	73.98 L	608.96
C	2429+12.68	74.84 L	(609.07)
D	2429+17.18	74.84 L	(608.95)
E	2429+17.18	68.98 L	609.01
F	2429+22.18	73.98 L	608.91
G	2429+22.18	68.98 L	608.96
H	2429+29.10	76.98 L	608.61
I	2429+30.68	79.98 L	(608.36)
J	2429+29.10	73.98 L	608.42
K	2429+30.68	74.43 L	608.39
L	2429+30.68	73.98 L	608.40
M	2429+29.10	68.98 L	608.47
N	2429+30.68	68.98 L	608.45
O	2429+30.68	68.42 L	608.46
P	2429+29.10	65.65 L	608.71
Q	2429+22.18	56.01 L	609.06
R	2429+17.18	56.01 L	609.13
S	2429+17.18	51.01 L	609.11
T	2429+22.18	51.01 L	609.04
U	2429+24.68	50.78 L	608.99
V	2429+23.97	47.81 L	608.81
W	2429+22.18	48.37 L	608.86
X	2429+22.18	46.39 L	608.84
Y	2429+17.18	48.37 L	608.93
Z	2429+17.18	45.52 L	608.92
AA	2429+17.18	43.84 L	608.90
BB	2429+16.18	43.52 L	608.91
CC	2429+13.68	44.58 L	609.15
DD	2429+02.18	42.75 L	(608.90)
EE	2429+12.68	51.01 L	(609.15)
FF	2429+18.40	0.00	609.59
GG	2429+26.41	0.00	609.57
HH	2429+57.18	73.58 L	609.04
II	2429+57.18	67.58 L	609.07

	STATION	OFFSET	ELEVATION
A	2429+97.18	75.00 L	(608.86)
B	2429+97.18	72.21 L	608.85
C	2429+97.18	67.21 L	608.82
D	2429+92.18	67.21 L	608.79
E	2429+92.18	72.21 L	608.82
F	2429+84.26	72.21 L	608.49
G	2429+84.26	75.39 L	608.69
H	2429+82.68	80.21 L	(608.42)
I	2429+82.68	72.76 L	608.46
J	2429+82.68	72.21 L	608.47
K	2429+84.26	67.21 L	608.52
L	2429+82.68	67.21 L	608.50
M	2429+82.68	66.76 L	608.51
N	2429+84.40	63.21 L	608.79
O	2429+92.18	54.65 L	609.04
P	2429+97.18	54.65 L	609.09
Q	2429+97.18	49.65 L	609.14
R	2429+97.18	44.65 L	609.10
S	2429+92.18	49.65 L	609.09
T	2429+90.18	47.27 L	609.13
U	2429+90.31	44.43 L	608.99
V	2429+92.18	44.65 L	609.05
W	2429+92.18	42.28 L	609.03
X	2429+97.18	39.86 L	609.08
Y	2429+97.18	37.88 L	609.06
Z	2429+97.81	37.44 L	609.08
AA	2430+08.58	32.45 L	(609.26)
BB	2430+01.99	36.74 L	609.40
CC	2429+94.97	0.00	609.73
DD	2429+86.94	0.00	609.68
EE	2429+57.18	67.58 L	609.07
FF	2429+57.18	67.58 L	609.07



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

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Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & AUSTIN BOULEVARD

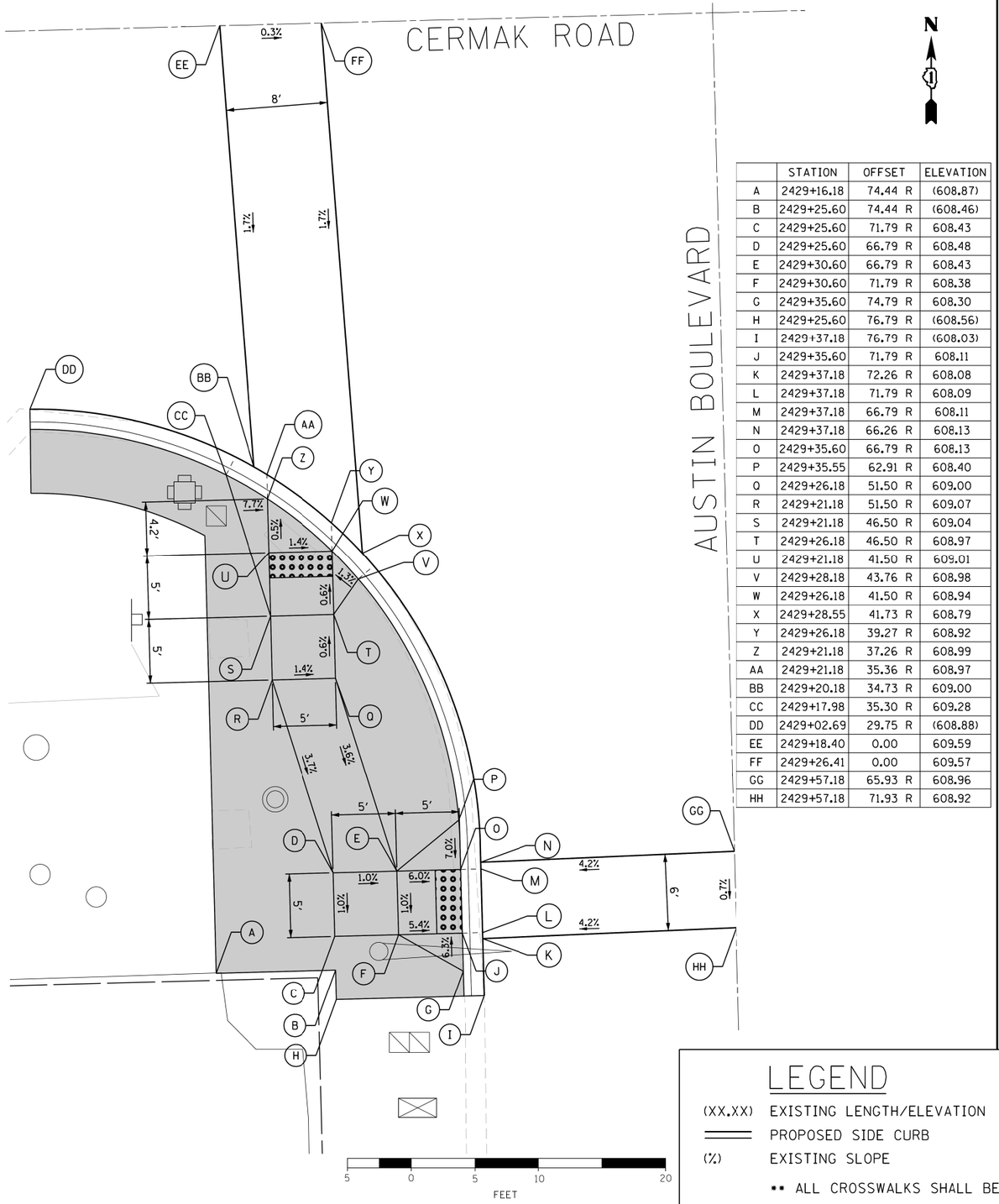
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22V

CONTRACT NO. 62F74

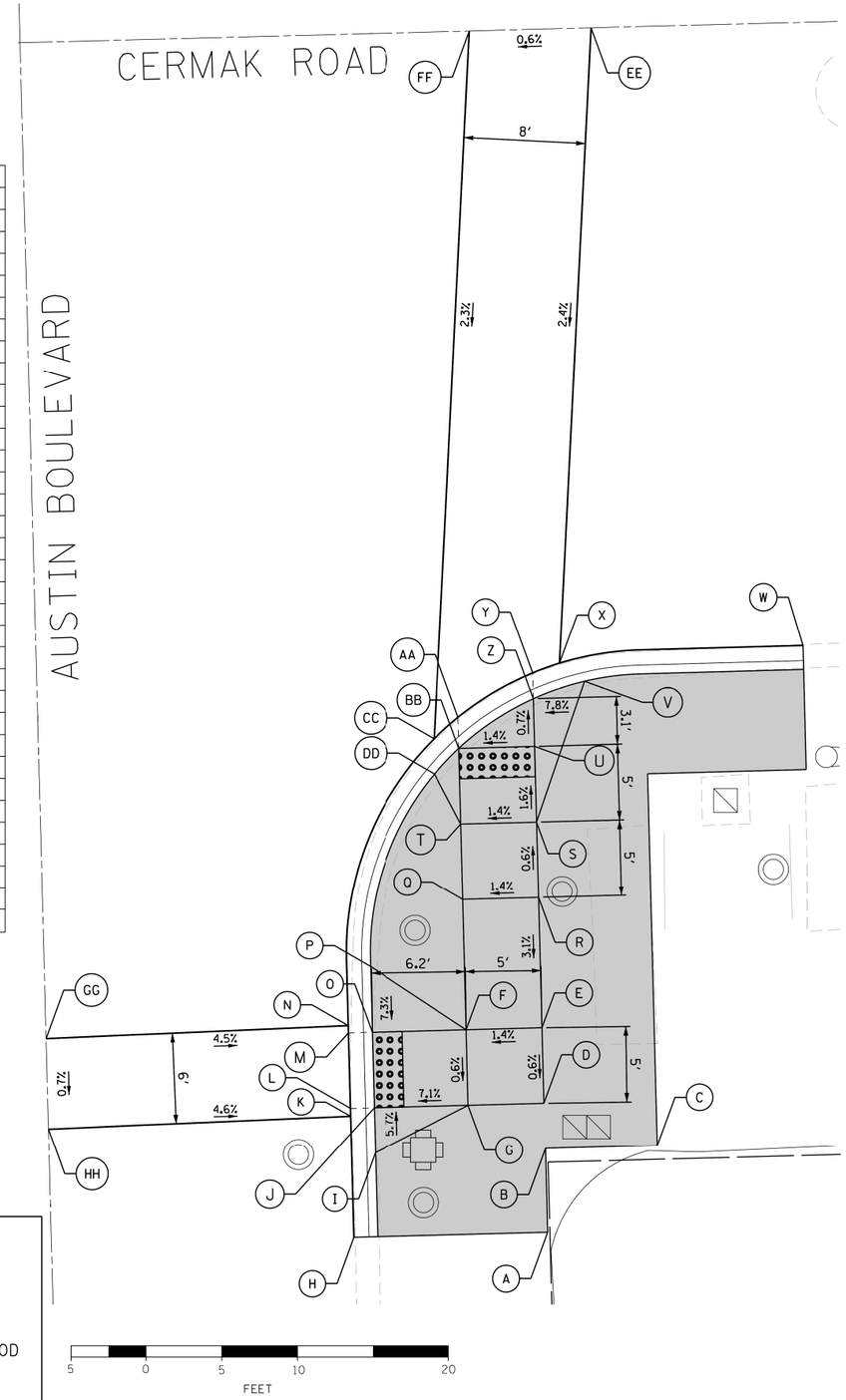
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2429+16.18	74.44 R	(608.87)
B	2429+25.60	74.44 R	(608.46)
C	2429+25.60	71.79 R	608.43
D	2429+25.60	66.79 R	608.48
E	2429+30.60	66.79 R	608.43
F	2429+30.60	71.79 R	608.38
G	2429+35.60	74.79 R	608.30
H	2429+25.60	76.79 R	(608.56)
I	2429+37.18	76.79 R	(608.03)
J	2429+35.60	71.79 R	608.11
K	2429+37.18	72.26 R	608.08
L	2429+37.18	71.79 R	608.09
M	2429+37.18	66.79 R	608.11
N	2429+37.18	66.26 R	608.13
O	2429+35.60	66.79 R	608.13
P	2429+35.55	62.91 R	608.40
Q	2429+26.18	51.50 R	609.00
R	2429+21.18	51.50 R	609.07
S	2429+21.18	46.50 R	609.04
T	2429+26.18	46.50 R	608.97
U	2429+21.18	41.50 R	609.01
V	2429+28.18	43.76 R	608.98
W	2429+26.18	41.50 R	608.94
X	2429+28.55	41.73 R	608.79
Y	2429+26.18	39.27 R	608.92
Z	2429+21.18	37.26 R	608.99
AA	2429+21.18	35.36 R	608.97
BB	2429+20.18	34.73 R	609.00
CC	2429+17.98	35.30 R	609.28
DD	2429+02.69	29.75 R	(608.88)
EE	2429+18.40	0.00	609.59
FF	2429+26.41	0.00	609.57
GG	2429+57.18	65.93 R	608.96
HH	2429+57.18	71.93 R	608.92

	STATION	OFFSET	ELEVATION
A	2429+90.03	79.63 R	(608.77)
B	2429+90.03	74.08 R	(608.61)
C	2429+97.46	74.08 R	(608.76)
D	2429+90.00	71.07 R	608.55
E	2429+90.00	66.07 R	608.58
F	2429+85.00	66.07 R	608.51
G	2429+85.00	71.07 R	608.48
H	2429+77.18	79.63 R	607.87
I	2429+78.76	74.07 R	608.21
J	2429+78.76	71.07 R	608.04
K	2429+77.18	71.60 R	608.01
L	2429+77.18	71.07 R	608.02
M	2429+77.18	71.07 R	608.02
N	2429+77.18	65.60 R	608.07
O	2429+78.76	66.07 R	608.07
P	2429+78.76	61.72 R	608.39
Q	2429+85.00	57.43 R	608.78
R	2429+90.00	57.43 R	608.85
S	2429+90.00	52.43 R	608.82
T	2429+85.00	52.43 R	608.75
U	2429+90.00	47.43 R	608.74
V	2429+93.41	43.22 R	609.00
W	2430+07.96	41.25 R	(608.74)
X	2429+91.78	41.99 R	608.73
Y	2429+90.00	42.58 R	608.70
Z	2429+90.00	44.29 R	608.72
AA	2429+85.00	45.38 R	608.65
BB	2429+85.00	47.43 R	608.67
CC	2429+83.40	46.76 R	608.62
DD	2429+83.35	49.08 R	608.75
EE	2429+94.97	0.00	609.73
FF	2429+86.94	0.00	609.68
GG	2429+57.18	65.93 R	608.96
HH	2429+57.18	71.93 R	608.92



LEGEND

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

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

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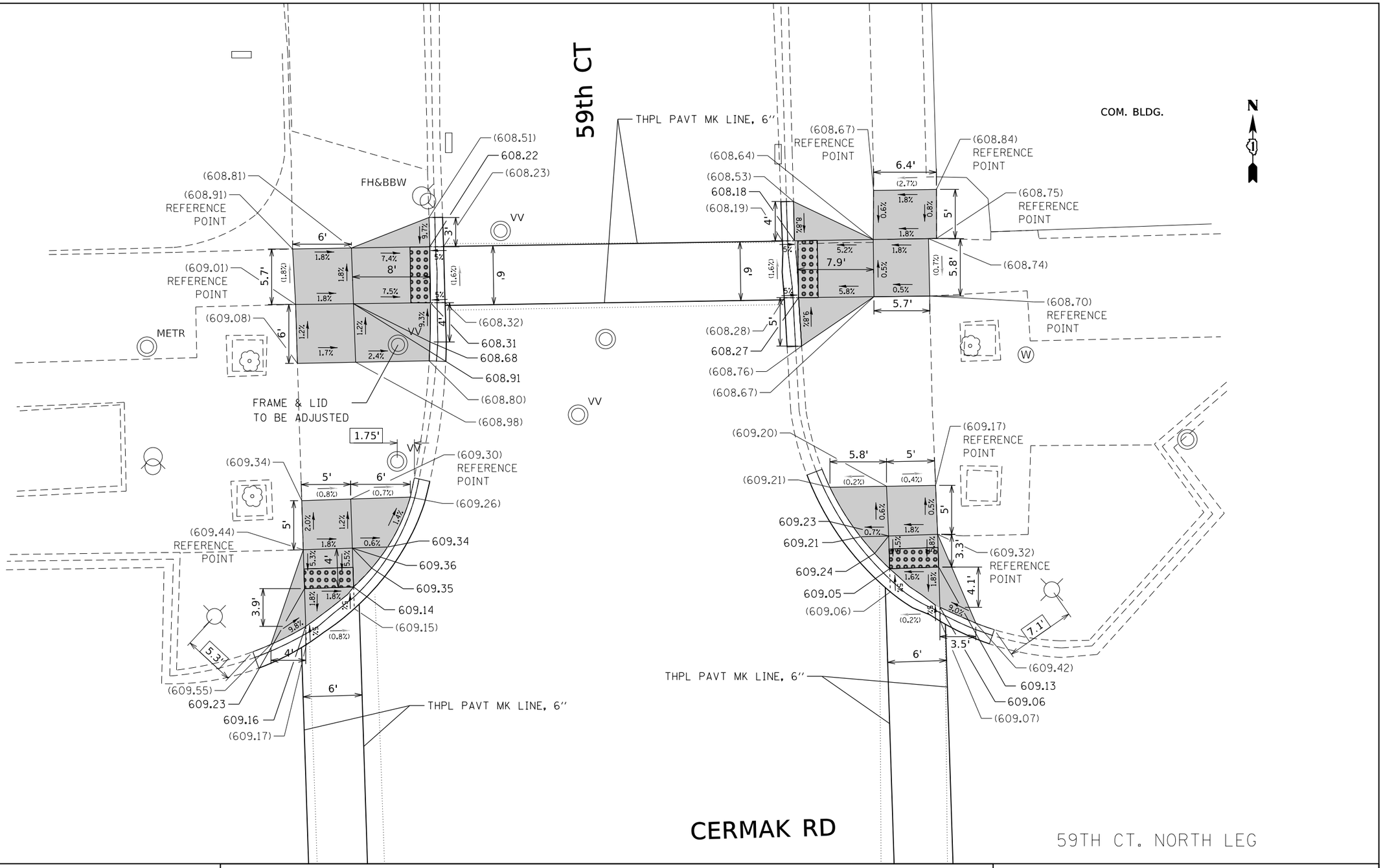
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & AUSTIN BOULEVARD

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJ.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22W
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 611.41

BENCHMARK : ARROW POINTS TO NORTH WESTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 59TH CT.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAWING\Data\Design\D1P3218-sht-dpxfaulsl.dgn	USER NAME = Bilgramisa	DESIGNED - --- --/--/----	REVISED -
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Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

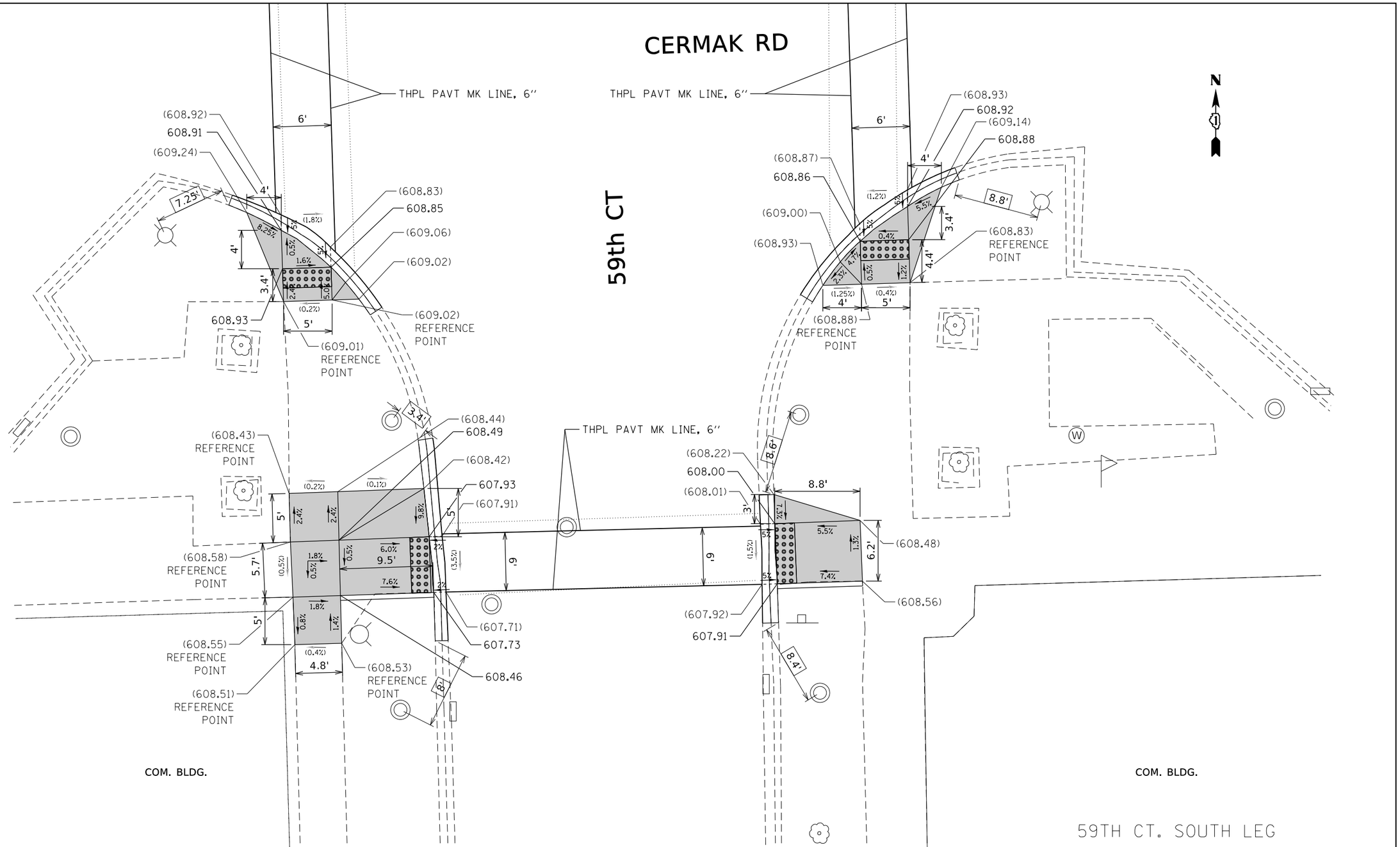
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22X

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 610.44

BENCHMARK : ARROW POINTS TO SOUTH WESTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON SOUTH WEST CORNER OF CERMAK RD. AND 59TH CT.

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	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

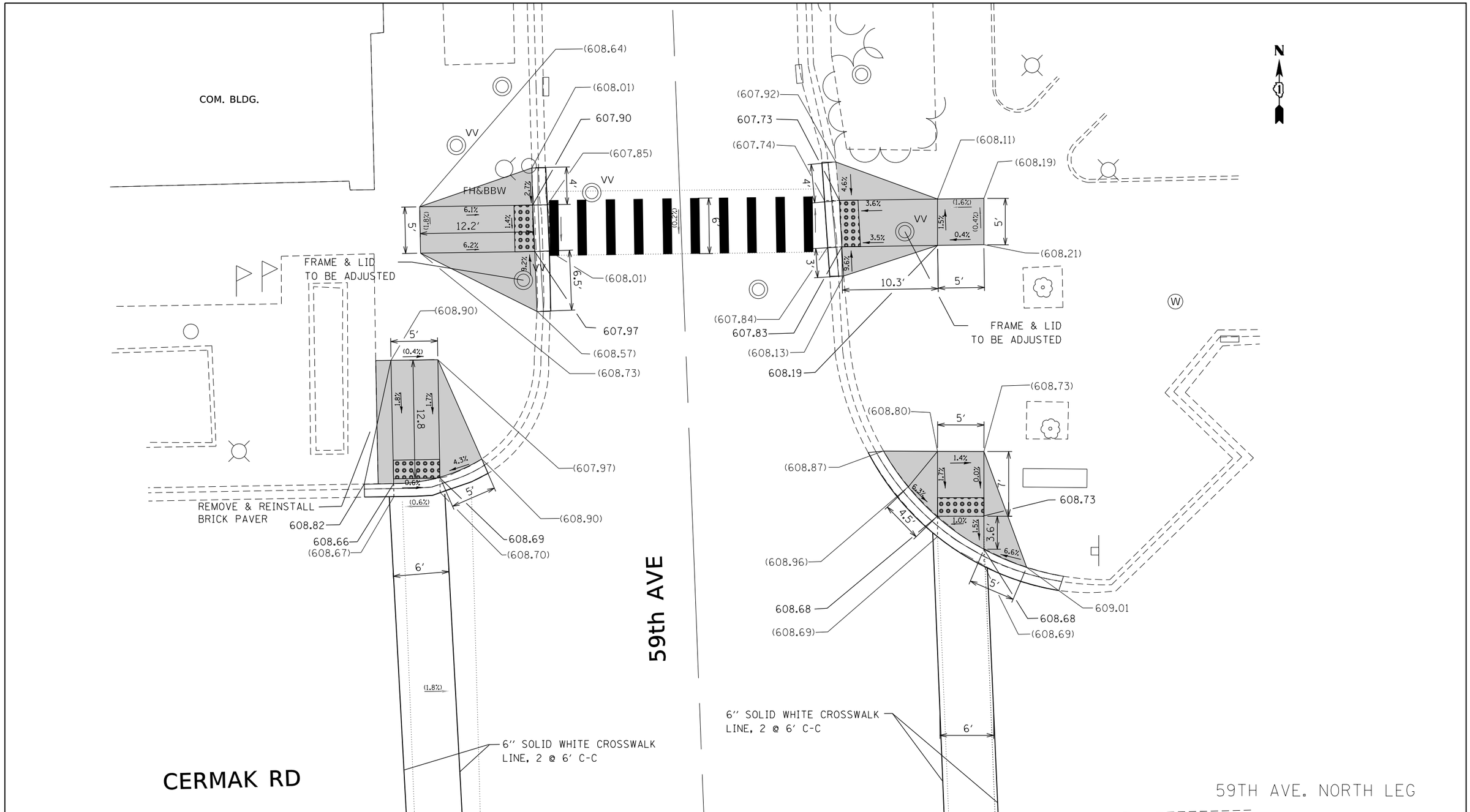
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22Y

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 610.54

BENCHMARK : NORTH WEST BOLT ON FIRE HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 59TH AVE.

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Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

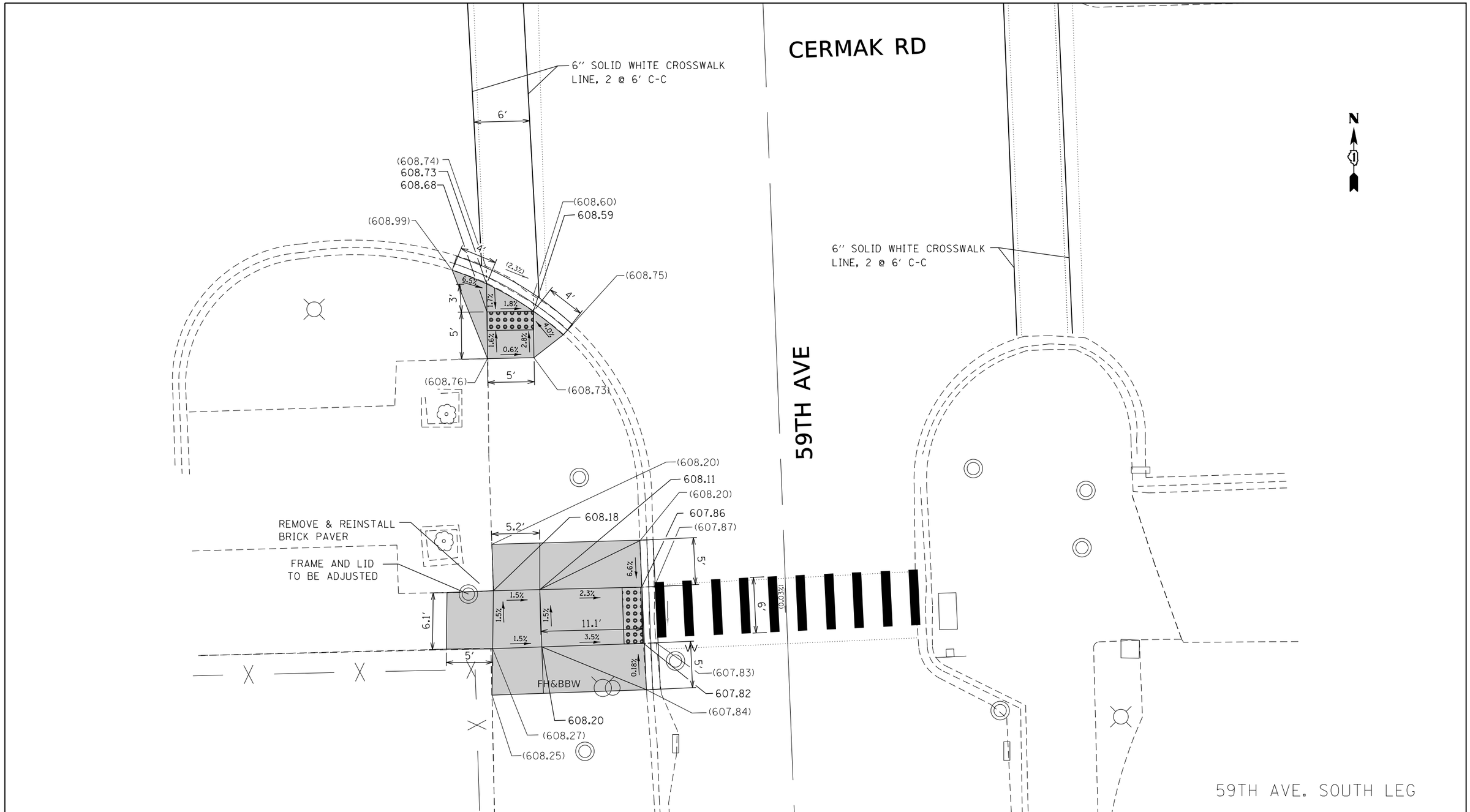
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	22Z

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 609.03

BENCHMARK : SOUTH WEST BOLT ON FIRE HYDRANT

LOCATION : ON SOUTH WEST CORNER OF CERMAK RD. AND 59TH AVE.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\DRAWING Default	USER NAME = Bilgramise	DESIGNED - --- --/--/----	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

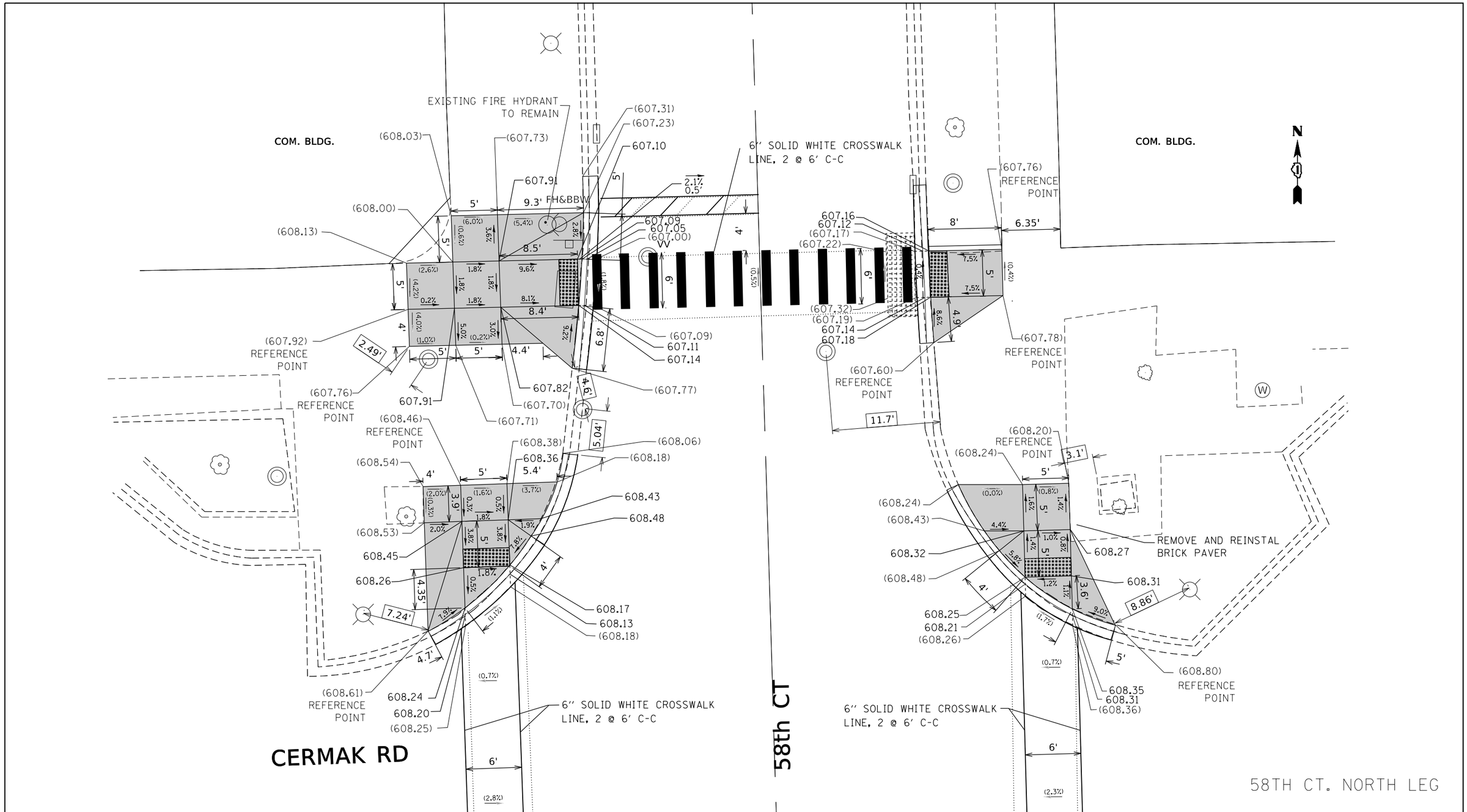
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 609.37

BENCHMARK : NW BOLT FIRE HYDRANT

LOCATION : NORTH WEST CORNER OF CERMAK AVE AND 58TH CT

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		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

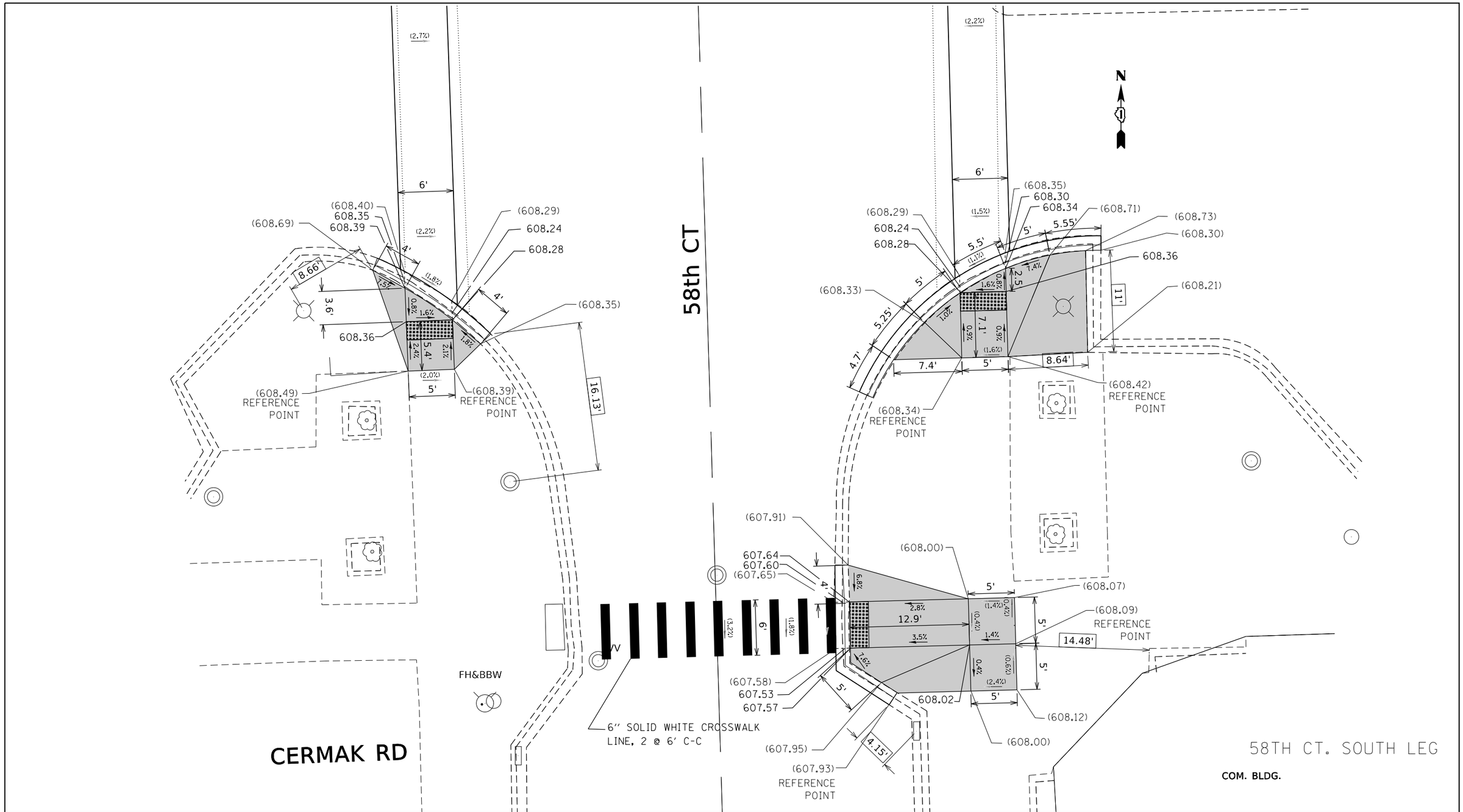
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23A

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 609.53

BENCHMARK : SW BOLT FIRE HYDRANT

LOCATION : SOUTH WEST CORNER OF CERMAK AVE AND 58TH CT

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218-sht\dgn\Design\D103218-sht_dgn\Default	USER NAME = Bilgramise	DESIGNED - ___ __/__/____	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

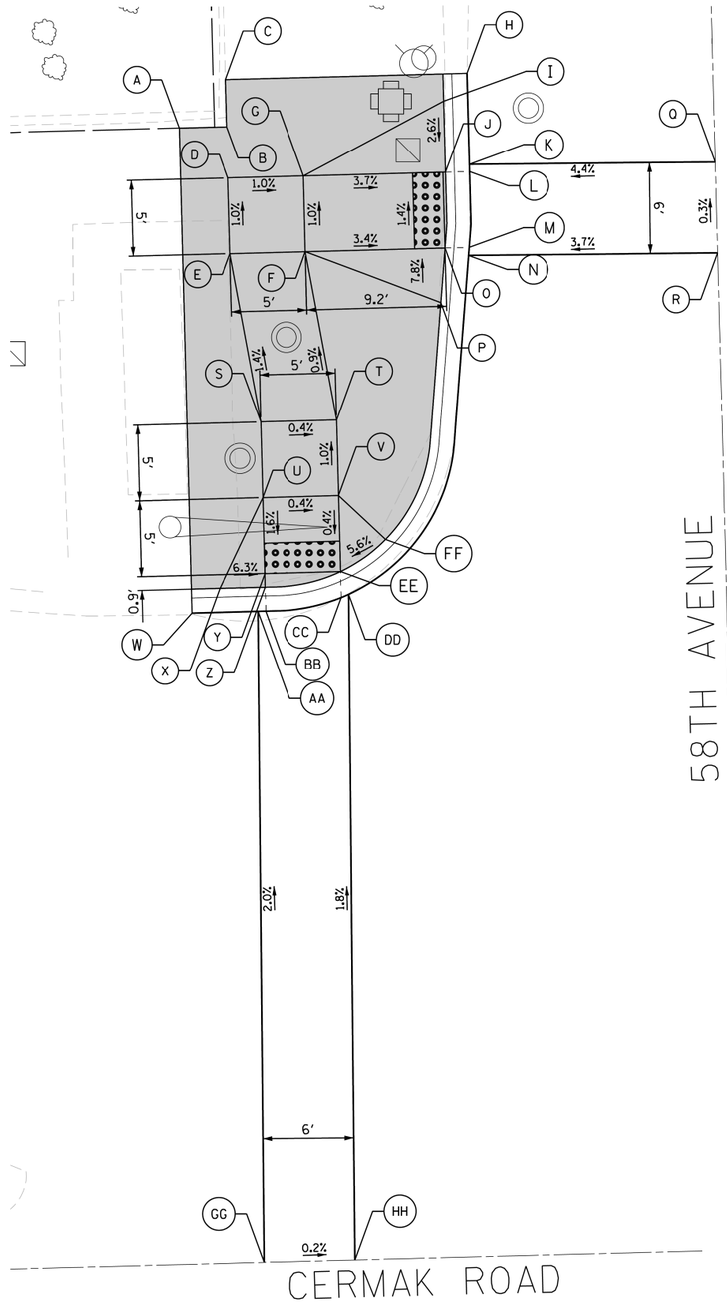
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23B

CONTRACT NO. 62F74

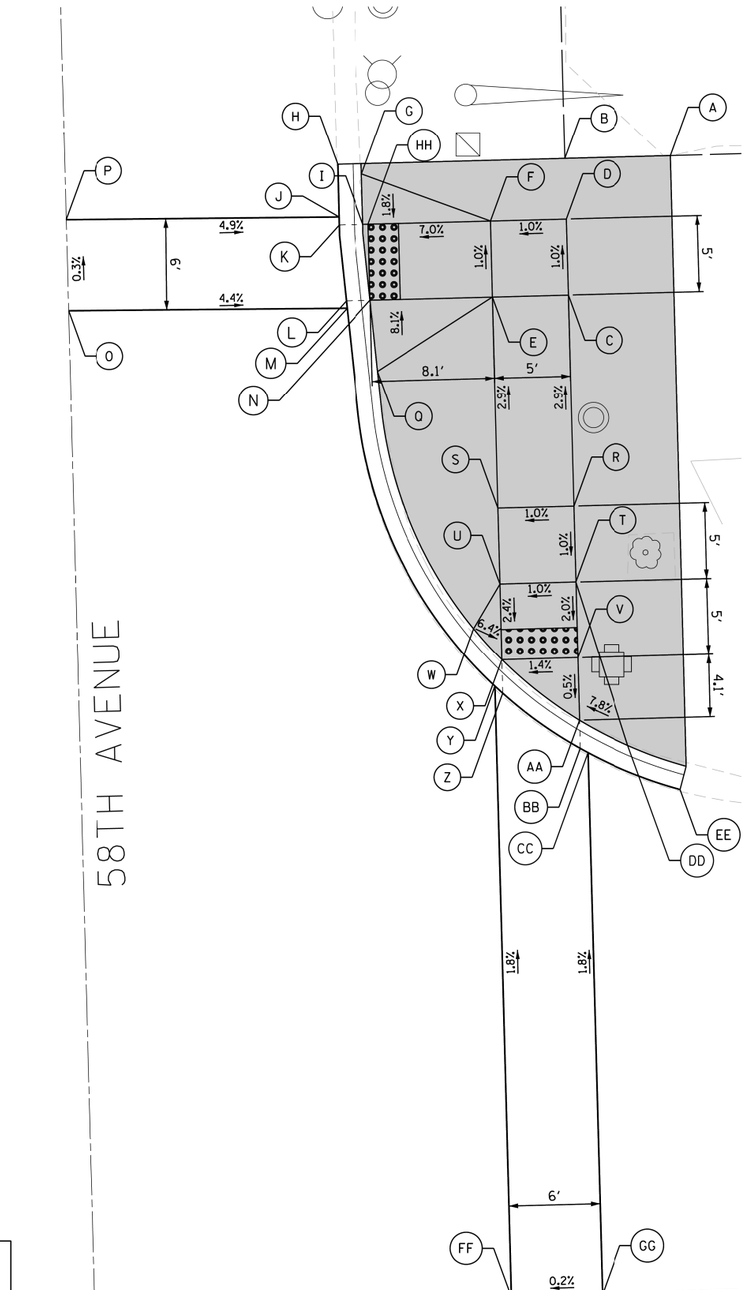
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2442+57.60	75.00 L	(607.74)
B	2442+60.73	75.00 L	(607.70)
C	2442+60.73	78.12 L	(607.73)
D	2442+60.71	71.62 L	607.74
E	2442+60.71	66.62 L	607.79
F	2442+65.71	66.62 L	607.74
G	2442+65.71	71.62 L	607.69
H	2442+76.67	78.12 L	(607.03)
I	2442+75.08	76.31 L	607.45
J	2442+75.08	71.62 L	607.35
K	2442+76.67	72.09 L	607.31
L	2442+76.67	71.62 L	607.33
M	2442+76.51	66.62 L	607.40
N	2442+76.46	66.10 L	607.42
O	2442+74.92	66.62 L	607.42
P	2442+74.55	63.04 L	607.70
Q	2442+92.92	71.82 L	608.01
R	2442+92.92	65.82 L	608.03
S	2442+62.48	55.48 L	607.86
T	2442+67.48	55.48 L	607.84
U	2442+62.48	50.48 L	607.91
V	2442+67.48	50.48 L	607.89
W	2442+57.60	43.00 L	(607.77)
X	2442+59.48	44.58 L	608.05
Y	2442+62.48	45.48 L	607.83
Z	2442+62.48	44.58 L	607.82
AA	2442+61.96	43.00 L	607.83
BB	2442+62.48	43.00 L	607.81
CC	2442+67.48	43.77 L	607.85
DD	2442+67.97	43.97 L	607.86
EE	2442+67.48	45.48 L	607.87
FF	2442+70.50	47.51 L	608.07
GG	2442+61.24	0.00	608.68
HH	2442+67.24	0.00	608.67

	STATION	OFFSET	ELEVATION
A	2443+32.92	75.00 L	(608.07)
B	2443+25.92	75.00 L	(607.93)
C	2443+25.92	66.00 L	607.86
D	2443+25.92	71.00 L	607.81
E	2443+20.92	66.00 L	607.81
F	2443+20.92	71.00 L	607.76
G	2443+12.50	74.33 L	607.24
H	2443+10.92	75.00 L	(606.97)
I	2443+12.50	71.00 L	607.18
J	2443+10.92	71.53 L	607.13
K	2443+10.92	71.00 L	607.16
L	2443+11.26	66.00 L	607.22
M	2443+11.30	65.52 L	607.24
N	2443+12.85	66.00 L	607.24
O	2442+92.92	65.82 L	608.03
P	2442+92.92	71.82 L	608.01
Q	2443+13.23	61.30 L	607.62
R	2443+25.92	52.07 L	608.26
S	2443+20.92	52.07 L	608.21
T	2443+25.92	47.07 L	608.21
U	2443+20.92	47.07 L	608.16
V	2443+25.92	42.07 L	608.11
W	2443+19.11	44.17 L	608.22
X	2443+20.92	42.07 L	608.04
Y	2443+20.42	40.33 L	608.00
Z	2443+20.92	39.85 L	608.02
AA	2443+25.92	37.94 L	608.09
BB	2443+25.92	36.08 L	608.07
CC	2443+26.42	35.79 L	608.09
DD	2443+29.09	36.19 L	608.38
EE	2443+32.47	33.21 L	(608.17)
FF	2443+20.44	0.00	608.72
GG	2443+26.44	0.00	608.73
HH	2443+12.85	71.00 L	607.19



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-58th01.dgn	USER NAME = jirobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & 58TH AVENUE

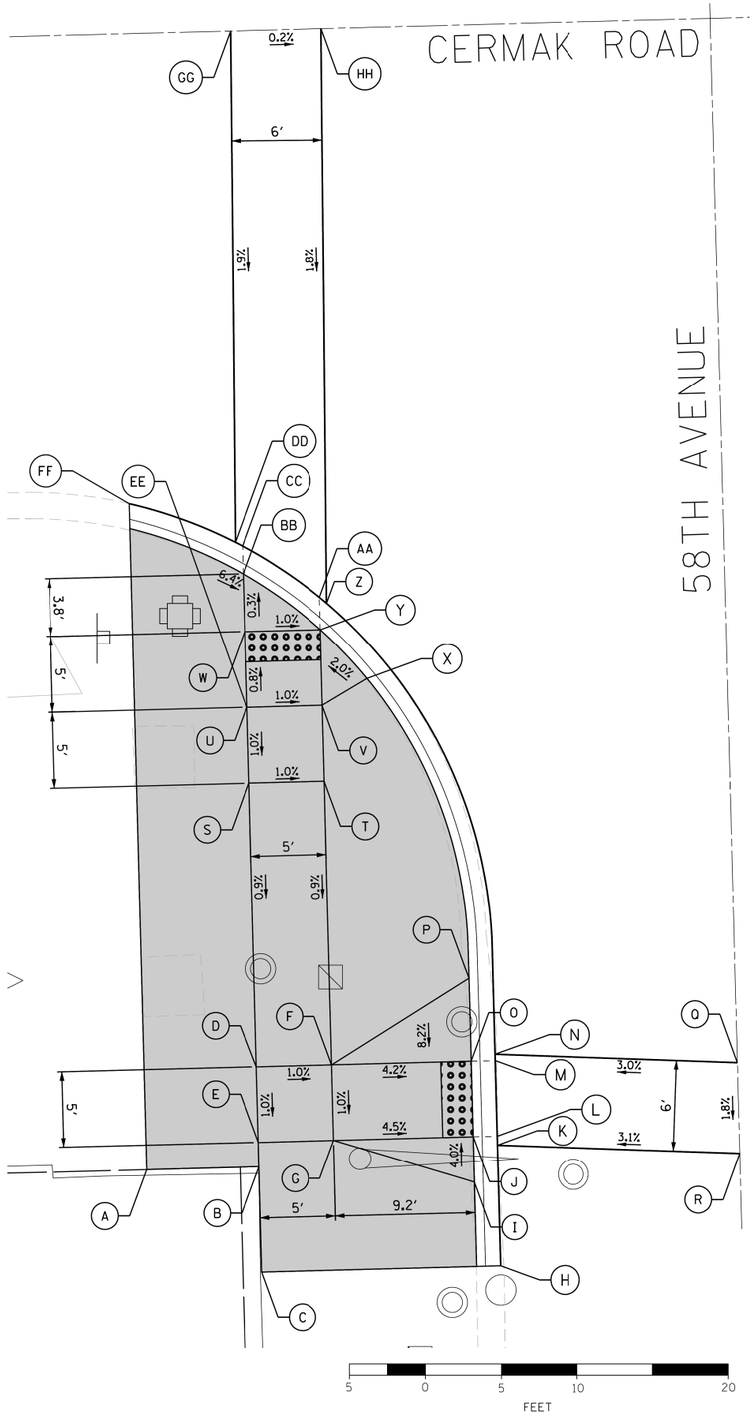
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJ.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23C

CONTRACT NO. 62F74

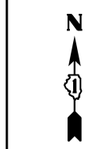
ILLINOIS FED. AID PROJECT

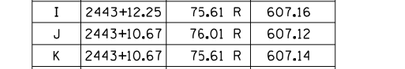
ADA DETAILS FOR PHASE 1 PROJECTS

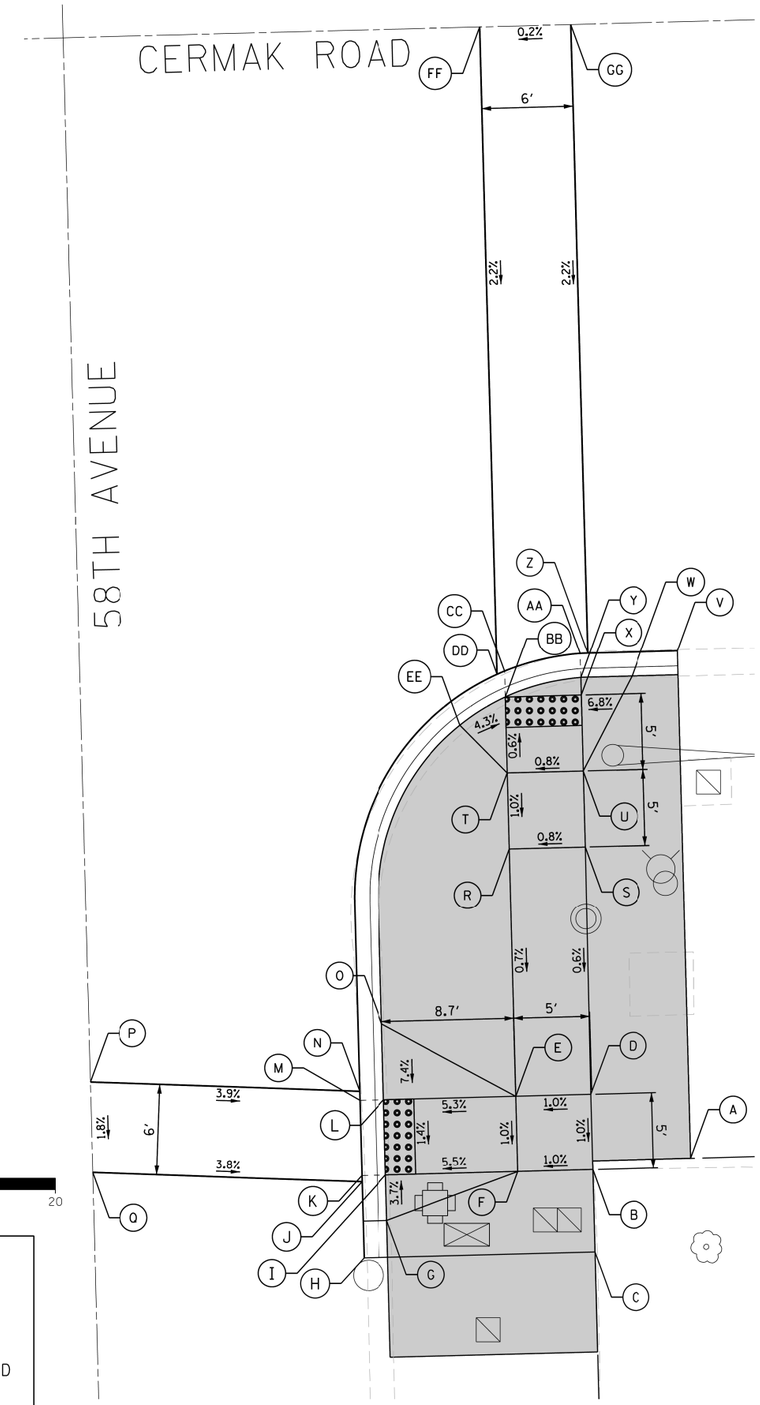


	STATION	OFFSET	ELEVATION
A	2442+53.75	75.00 R	(607.97)
B	2442+61.14	75.00 R	(607.90)
C	2442+61.14	81.94 R	(607.89)
D	2442+61.14	68.38 R	607.89
E	2442+61.14	73.38 R	607.84
F	2442+66.14	68.38 R	607.84
G	2442+66.14	73.38 R	607.79
H	2442+76.92	81.94 R	(606.85)
I	2442+75.33	76.38 R	607.50
J	2442+75.33	73.38 R	607.38
K	2442+76.92	73.98 R	607.33
L	2442+76.92	73.38 R	607.36
M	2442+76.92	68.38 R	607.43
N	2442+76.92	67.97 R	607.45
O	2442+75.33	68.38 R	607.45
P	2442+75.33	62.90 R	607.80
Q	2442+92.92	68.93 R	607.93
R	2442+92.92	74.94 R	607.82
S	2442+61.14	49.64 R	608.05
T	2442+66.14	49.64 R	608.00
U	2442+61.14	44.64 R	608.10
V	2442+66.14	44.64 R	608.05
W	2442+61.14	39.64 R	608.06
X	2442+69.14	42.95 R	608.10
Y	2442+66.14	39.64 R	608.01
Z	2442+66.61	37.92 R	607.97
AA	2442+66.14	37.51 R	607.99
BB	2442+61.14	35.83 R	608.05
CC	2442+61.14	34.00 R	608.03
DD	2442+60.68	33.74 R	608.04
EE	2442+57.67	34.03 R	608.30
FF	2442+53.75	31.01 R	(608.15)
GG	2442+61.24	0.00	608.68
HH	2442+67.24	0.00	608.67

	STATION	OFFSET	ELEVATION
A	2443+32.43	75.00 R	(606.64)
B	2443+25.92	75.61 R	(607.69)
C	2443+25.92	81.03 R	(607.11)
D	2443+25.92	70.61 R	607.74
E	2443+20.97	70.61 R	607.69
F	2443+20.97	75.61 R	607.64
G	2443+12.25	78.61 R	607.27
H	2443+10.67	81.03 R	(607.06)
I	2443+12.25	75.61 R	607.16
J	2443+10.67	76.01 R	607.12
K	2443+10.67	75.61 R	607.14
L	2443+12.25	70.61 R	607.23
M	2443+10.67	70.61 R	607.21
N	2443+10.67	70.00 R	607.23
O	2443+12.25	65.61 R	607.60
P	2442+92.92	68.93 R	607.93
Q	2442+92.92	74.94 R	607.82
R	2443+20.97	54.26 R	607.80
S	2443+25.97	54.26 R	607.84
T	2443+20.97	49.26 R	607.85
U	2443+25.97	49.26 R	607.89
V	2443+32.43	41.50 R	(607.84)
W	2443+29.36	43.08 R	608.07
X	2443+25.97	44.26 R	607.86
Y	2443+25.97	43.10 R	607.84
Z	2443+26.47	41.50 R	607.83
AA	2443+25.97	41.52 R	607.82
BB	2443+20.97	44.26 R	607.82
CC	2443+20.97	42.55 R	607.78
DD	2443+20.47	42.75 R	607.77
EE	2443+17.94	46.03 R	607.97
FF	2443+20.44	0.00	608.72
GG	2443+26.44	0.00	608.73
HH	*N/A	*N/A ***	0.00







LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-58th02.dgn	USER NAME = jirobinson	DESIGNED - KBH	REVISED -
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	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

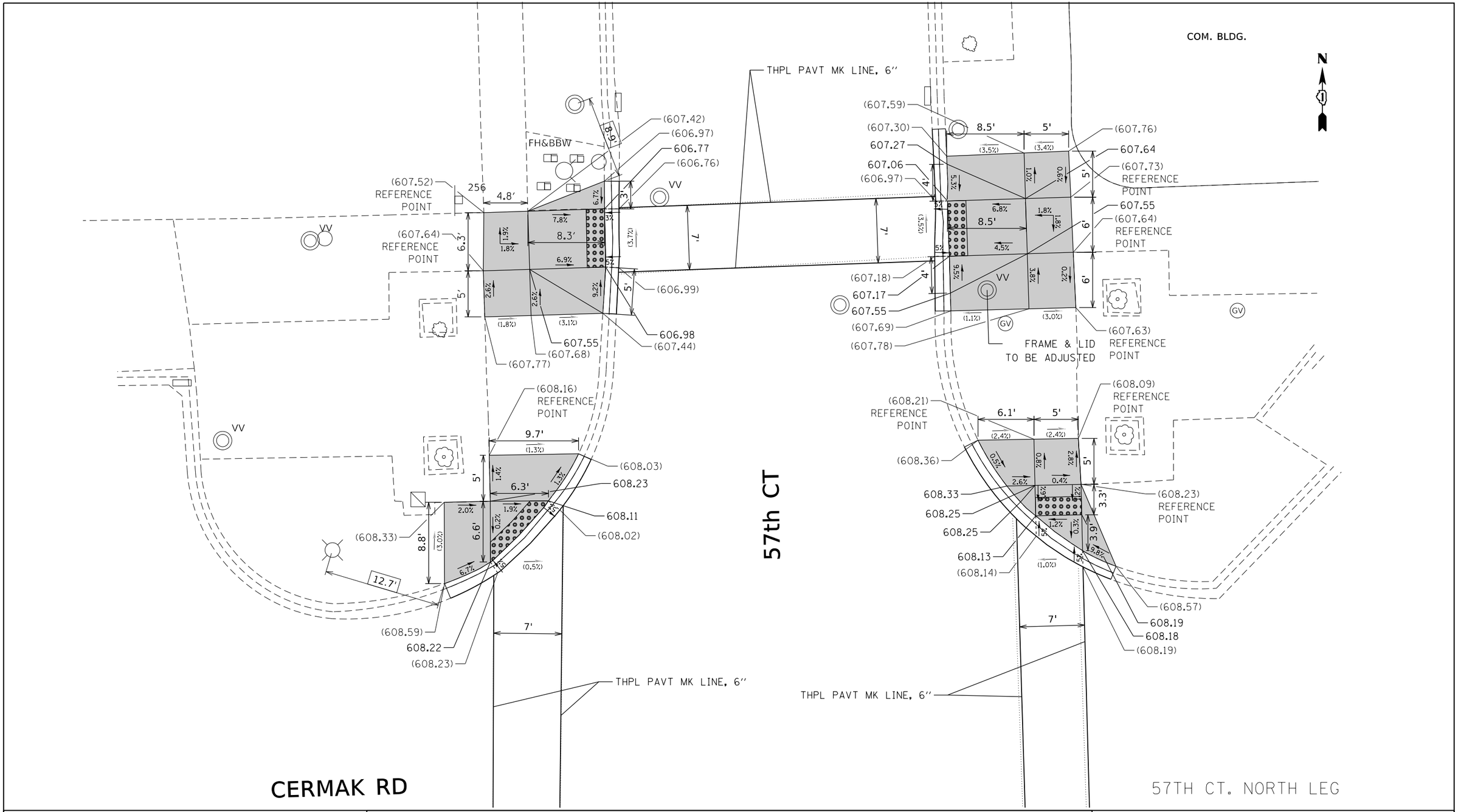
SMART CORRIDOR
CERMAK ROAD / 22ND STREET & 58TH AVENUE

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJ. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23D

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 608.80

BENCHMARK : ARROW POINTS TO NORTH WESTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 57TH CT.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\Data\Design\D103218-sht-dsf-als1.dgn	USER NAME = Bilgramisa	DESIGNED - --- --/--/----	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

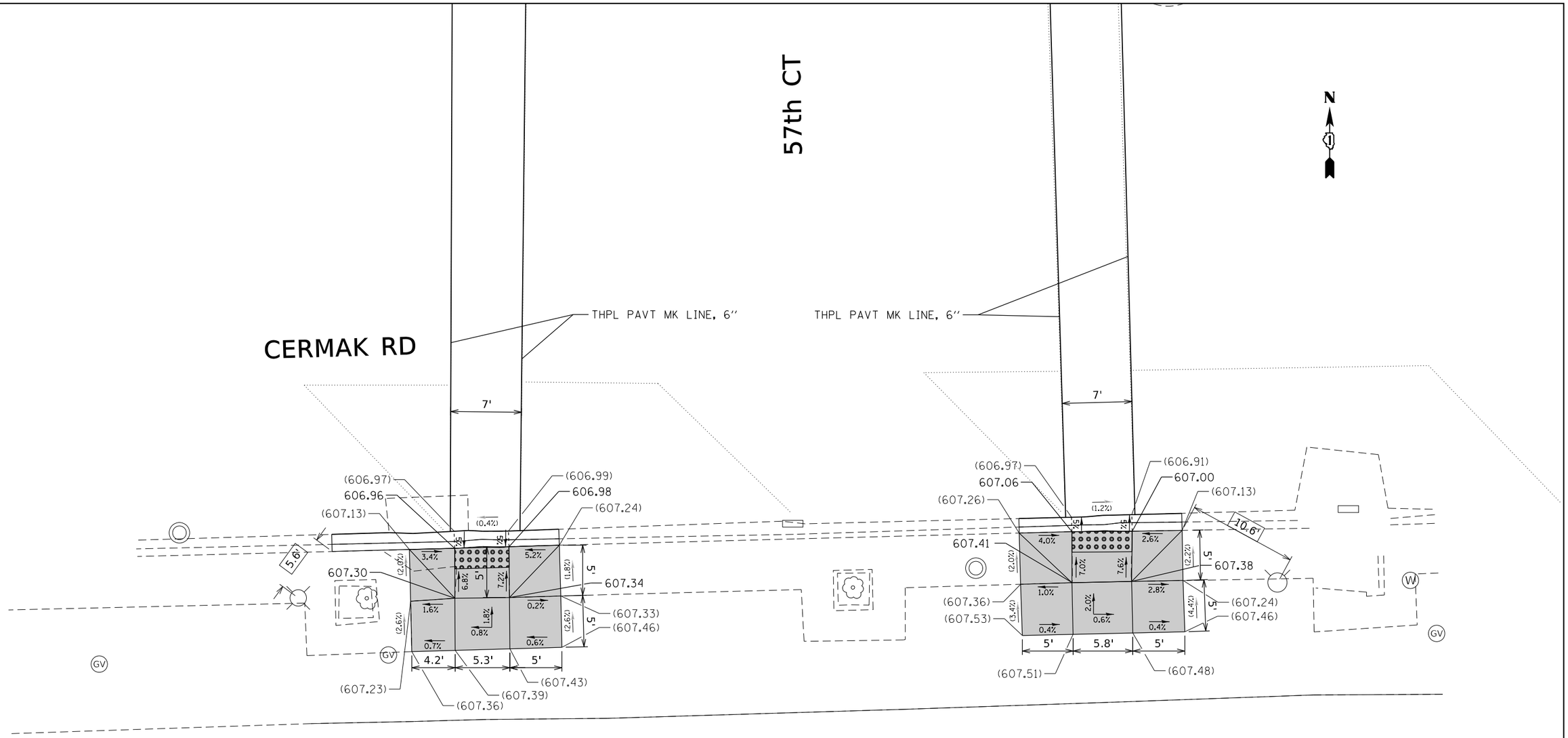
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23E

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



57TH CT. SOUTH LEG

LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 608.80

BENCHMARK : ARROW POINTS TO NORTH WESTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 57TH CT.

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		DRAWN -	REVISED -
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Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

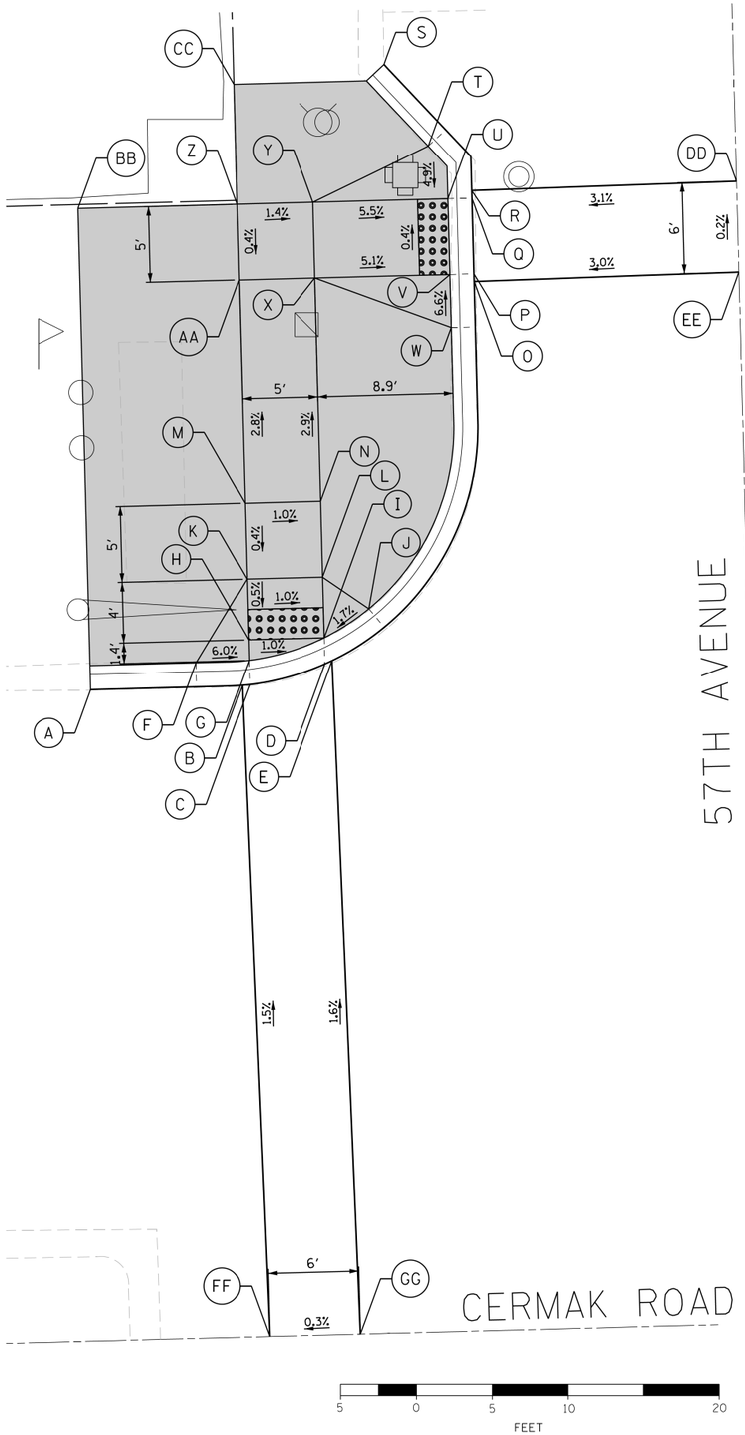
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23F

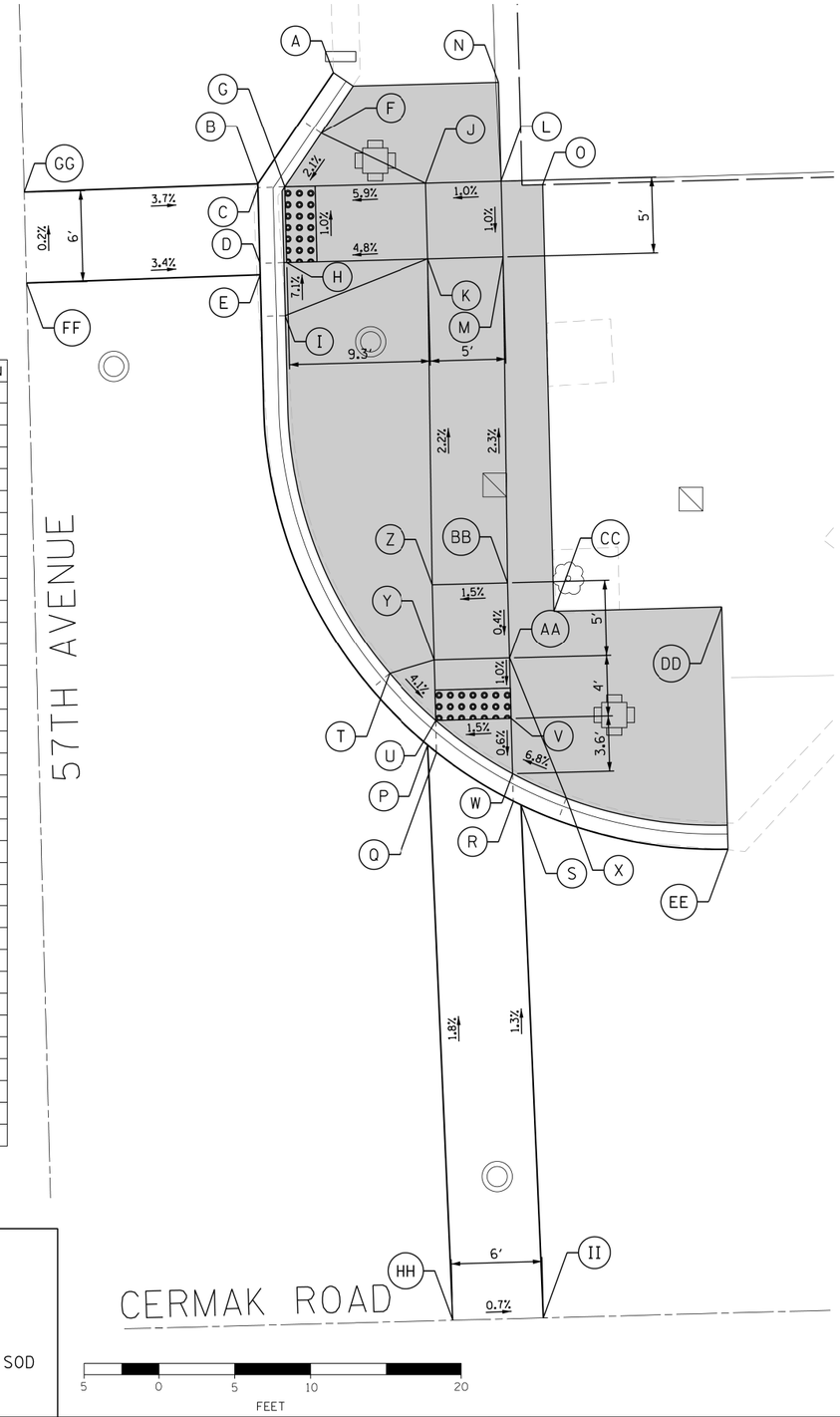
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2449+19.35	43.00 L	(607.54)
B	2449+29.35	43.03 L	607.52
C	2449+29.85	43.07 L	607.52
D	2449+34.85	44.29 L	607.50
E	2449+35.33	44.50 L	607.49
F	2449+26.35	44.58 L	607.74
G	2449+29.85	44.66 L	607.53
H	2449+29.85	46.02 L	607.55
I	2449+34.85	46.02 L	607.50
J	2449+37.85	47.86 L	607.56
K	2449+29.85	50.02 L	607.57
L	2449+34.85	50.02 L	607.52
M	2449+29.85	55.02 L	607.59
N	2449+34.85	55.02 L	607.54
O	2449+45.35	69.25 L	606.66
P	2449+45.35	69.75 L	606.66
Q	2449+45.35	74.75 L	606.64
R	2449+45.35	75.25 L	606.64
S	2449+39.78	83.73 L	(606.41)
T	2449+42.56	78.25 L	606.82
U	2449+43.77	74.75 L	606.64
V	2449+43.77	69.75 L	606.66
W	2449+43.77	66.25 L	606.89
X	2449+34.85	69.75 L	607.11
Y	2449+34.85	74.75 L	607.13
Z	2449+29.85	74.75 L	(607.20)
AA	2449+29.85	69.75 L	607.18
BB	2449+19.35	74.75 L	(607.53)
CC	2449+29.85	82.68 L	(607.36)
DD	2449+62.85	75.41 L	607.18
EE	2449+62.85	69.41 L	607.19
FF	2449+30.04	0.00	(608.15)
GG	2449+36.04	0.00	(608.17)



	STATION	OFFSET	ELEVATION
A	2449+83.53	82.80 L	(606.38)
B	2449+78.35	75.54 L	606.60
C	2449+78.35	75.30 L	606.60
D	2449+78.35	70.30 L	606.65
E	2449+78.35	69.54 L	606.66
F	2449+82.62	78.80 L	606.69
G	2449+80.12	75.30 L	606.60
H	2449+80.12	70.30 L	606.65
I	2449+79.93	66.80 L	606.90
J	2449+89.47	75.30 L	607.15
K	2449+89.47	70.30 L	607.10
L	2449+94.47	75.30 L	(607.20)
M	2449+94.47	70.30 L	607.15
N	2449+94.47	81.88 L	(607.30)
O	2449+97.21	75.00 L	607.24
P	2449+88.64	38.14 L	607.51
Q	2449+89.21	37.65 L	607.52
R	2449+94.21	34.29 L	607.57
S	2449+94.71	34.03 L	607.57
T	2449+86.21	42.94 L	607.70
U	2449+89.21	39.75 L	607.52
V	2449+94.21	39.75 L	607.59
W	2449+94.21	36.10 L	607.57
X	2449+97.71	34.40 L	607.83
Y	2449+89.21	43.75 L	607.56
Z	2449+89.21	48.75 L	607.58
AA	2449+94.21	43.75 L	607.63
BB	2449+94.21	48.75 L	607.65
CC	2449+97.21	46.78 L	607.64
DD	2450+08.35	46.78 L	(607.56)
EE	2450+08.35	30.75 L	(607.67)
FF	2449+62.85	69.41 L	607.19
GG	2449+62.85	75.41 L	607.18
HH	2449+89.30	0.00	608.20
II	2449+95.30	0.00	608.16

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-57th01.dgn	USER NAME = jirobinson	DESIGNED - JIR	REVISED -
		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & 57TH AVENUE

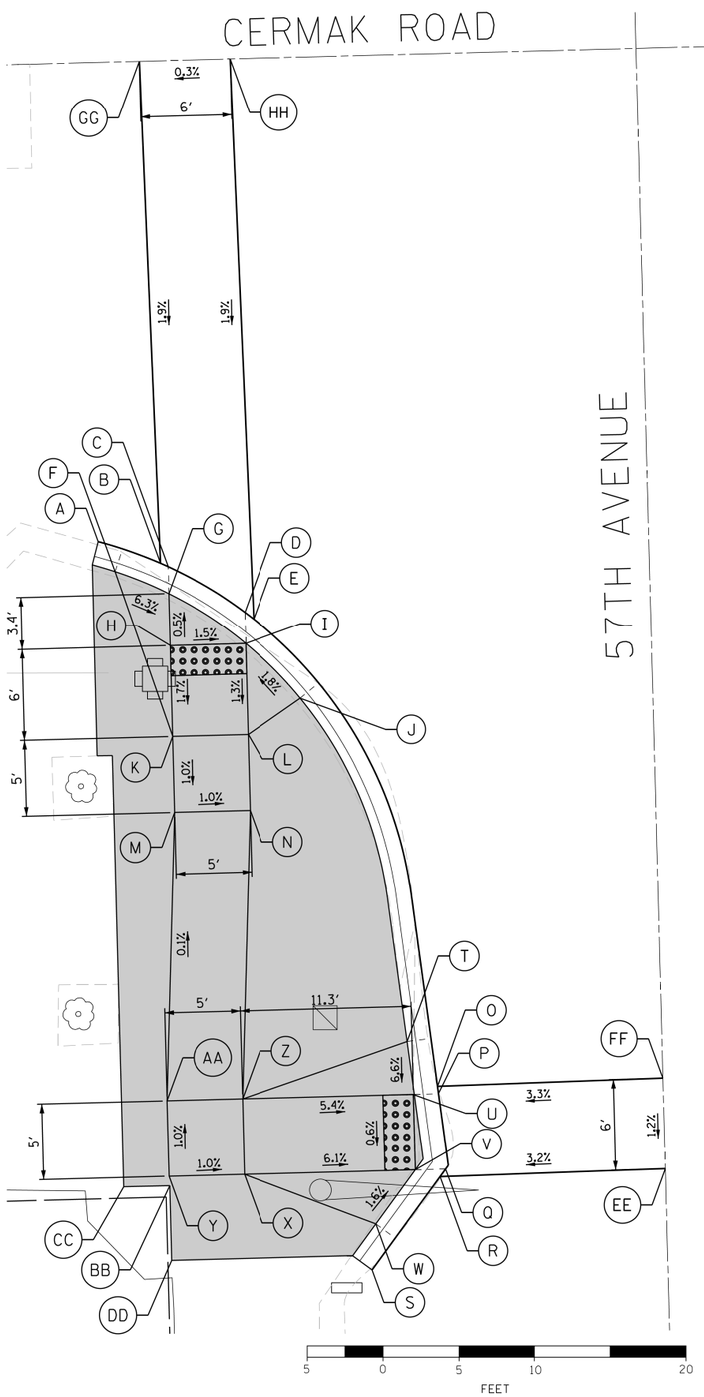
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23G

CONTRACT NO. 62F74

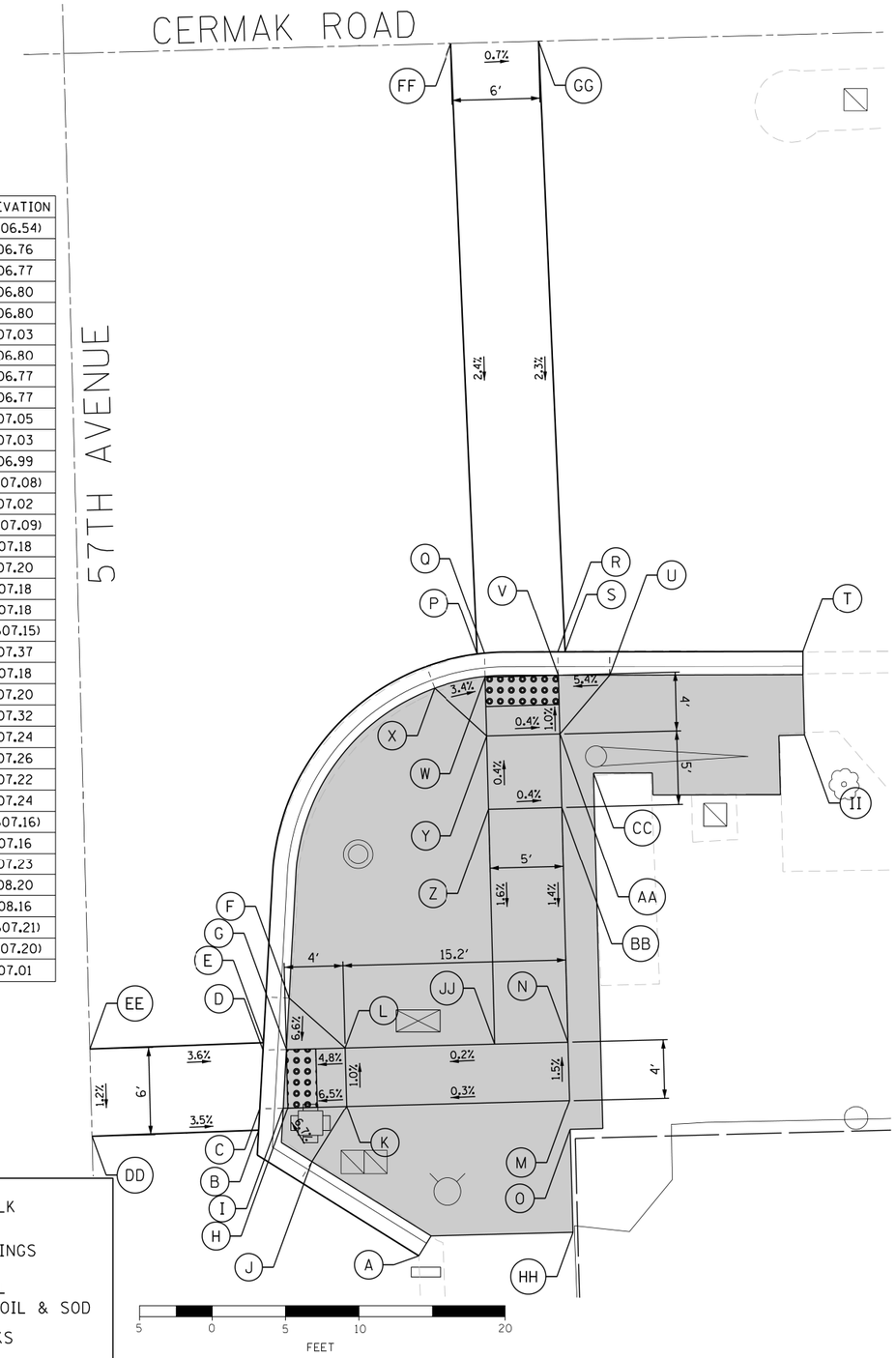
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2449+26.51	31.61 R	(607.57)
B	2449+30.57	33.13 R	607.53
C	2449+31.07	33.37 R	607.52
D	2449+36.07	36.53 R	607.47
E	2449+36.64	36.98 R	607.45
F	2449+27.57	33.61 R	607.76
G	2449+31.07	35.15 R	607.52
H	2449+31.07	38.58 R	607.54
I	2449+36.07	38.58 R	607.47
J	2449+39.57	42.29 R	607.56
K	2449+31.07	44.58 R	607.44
L	2449+36.07	44.58 R	607.39
M	2449+31.07	49.58 R	607.39
N	2449+36.07	49.58 R	607.34
O	2449+47.94	68.13 R	606.74
P	2449+47.99	68.63 R	606.74
Q	2449+48.33	73.63 R	606.71
R	2449+47.95	74.13 R	606.69
S	2449+43.32	80.14 R	(606.51)
T	2449+46.02	65.13 R	606.97
U	2449+46.34	68.63 R	606.74
V	2449+46.34	73.63 R	606.71
W	2449+43.64	77.13 R	606.78
X	2449+35.07	73.63 R	607.40
Y	2449+30.07	73.63 R	(607.45)
Z	2449+35.07	68.63 R	607.35
AA	2449+30.07	68.63 R	607.40
BB	2449+30.10	74.25 R	(607.45)
CC	2449+27.07	74.25 R	(607.41)
DD	2449+30.10	79.18 R	(607.35)
EE	2449+62.85	73.98 R	607.16
FF	2449+62.85	67.98 R	607.23
GG	2449+30.04	0.00	(608.15)
HH	2449+36.04	0.00	(608.17)

	STATION	OFFSET	ELEVATION
A	2449+84.92	82.70 R	(606.54)
B	2449+74.26	73.87 R	606.76
C	2449+74.38	72.37 R	606.77
D	2449+74.70	68.37 R	606.80
E	2449+74.74	67.87 R	606.80
F	2449+76.57	64.87 R	607.03
G	2449+76.29	68.37 R	606.80
H	2449+76.29	72.37 R	606.77
I	2449+75.97	72.37 R	606.77
J	2449+77.82	76.11 R	607.05
K	2449+80.29	72.37 R	607.03
L	2449+80.29	68.37 R	606.99
M	2449+95.52	72.37 R	(607.08)
N	2449+95.52	68.37 R	607.02
O	2449+95.52	74.37 R	(607.09)
P	2449+90.02	41.72 R	607.18
Q	2449+90.52	41.68 R	607.20
R	2449+95.52	41.73 R	607.18
S	2449+96.02	41.74 R	607.18
T	2450+12.27	42.13 R	(607.15)
U	2449+99.02	43.40 R	607.37
V	2449+95.52	43.31 R	607.18
W	2449+90.52	43.31 R	607.20
X	2449+87.02	43.98 R	607.32
Y	2449+90.52	47.31 R	607.24
Z	2449+90.52	52.31 R	607.26
AA	2449+95.52	47.31 R	607.22
BB	2449+95.52	52.31 R	607.24
CC	2449+97.73	50.04 R	(607.16)
DD	2449+62.85	73.98 R	607.16
EE	2449+62.85	67.98 R	607.23
FF	2449+89.30	0.00	608.20
GG	2449+95.30	0.00	608.16
HH	2449+95.52	81.38 R	(607.21)
II	2450+12.23	47.81 R	(607.20)
JJ	2449+90.52	68.37 R	607.01



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

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		DRAWN - JIR	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JMA	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

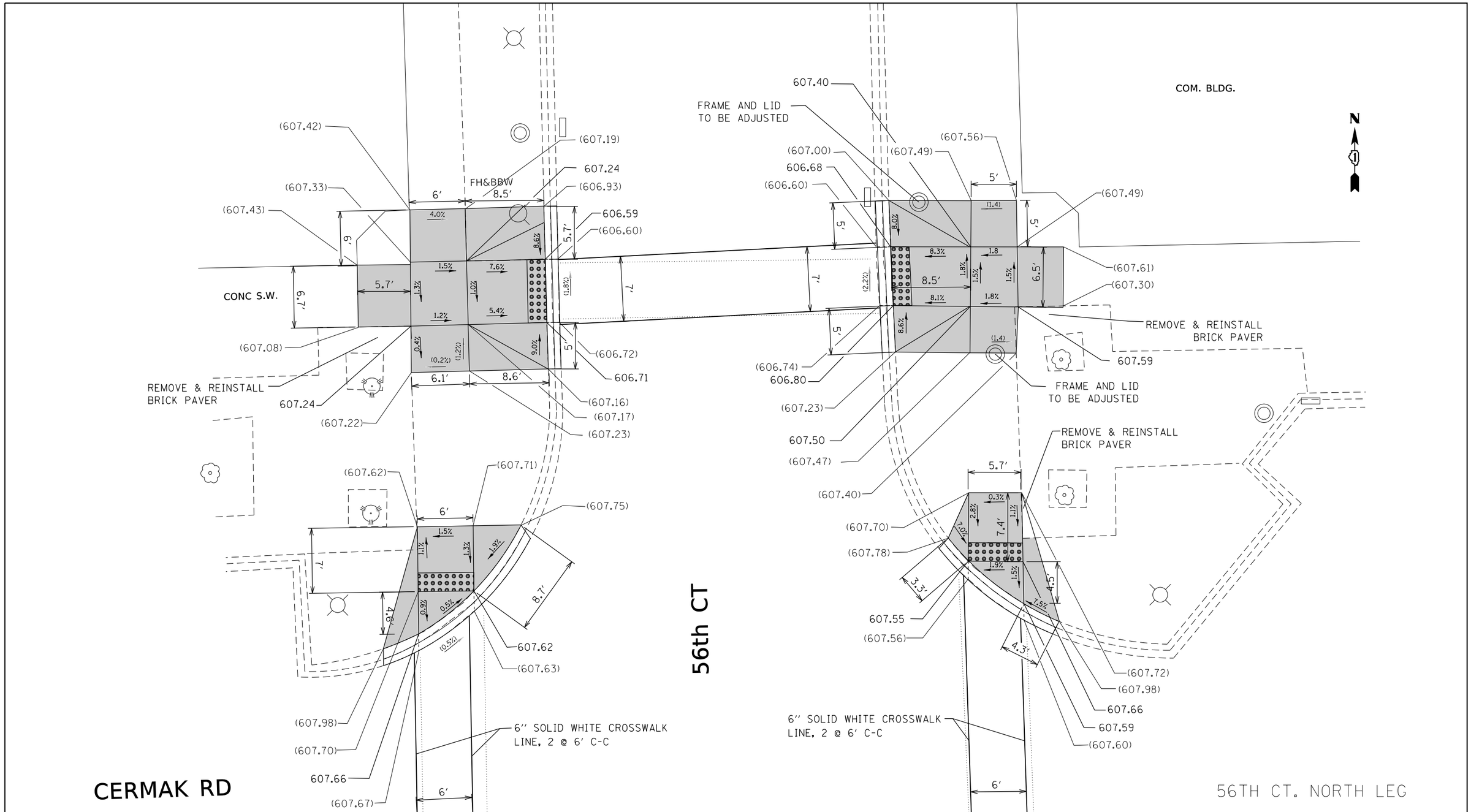
SMART CORRIDOR
CERMAK ROAD /22ND STREET & 57TH AVENUE

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23H

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 608.90

BENCHMARK : NORTH WEST BOLT ON FIRE HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 56TH CT.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218-sht\dgn\ds2.dgn	USER NAME = Bilgramisa	DESIGNED - --- --/--/----	REVISED -
		DRAWN -	REVISED -
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Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

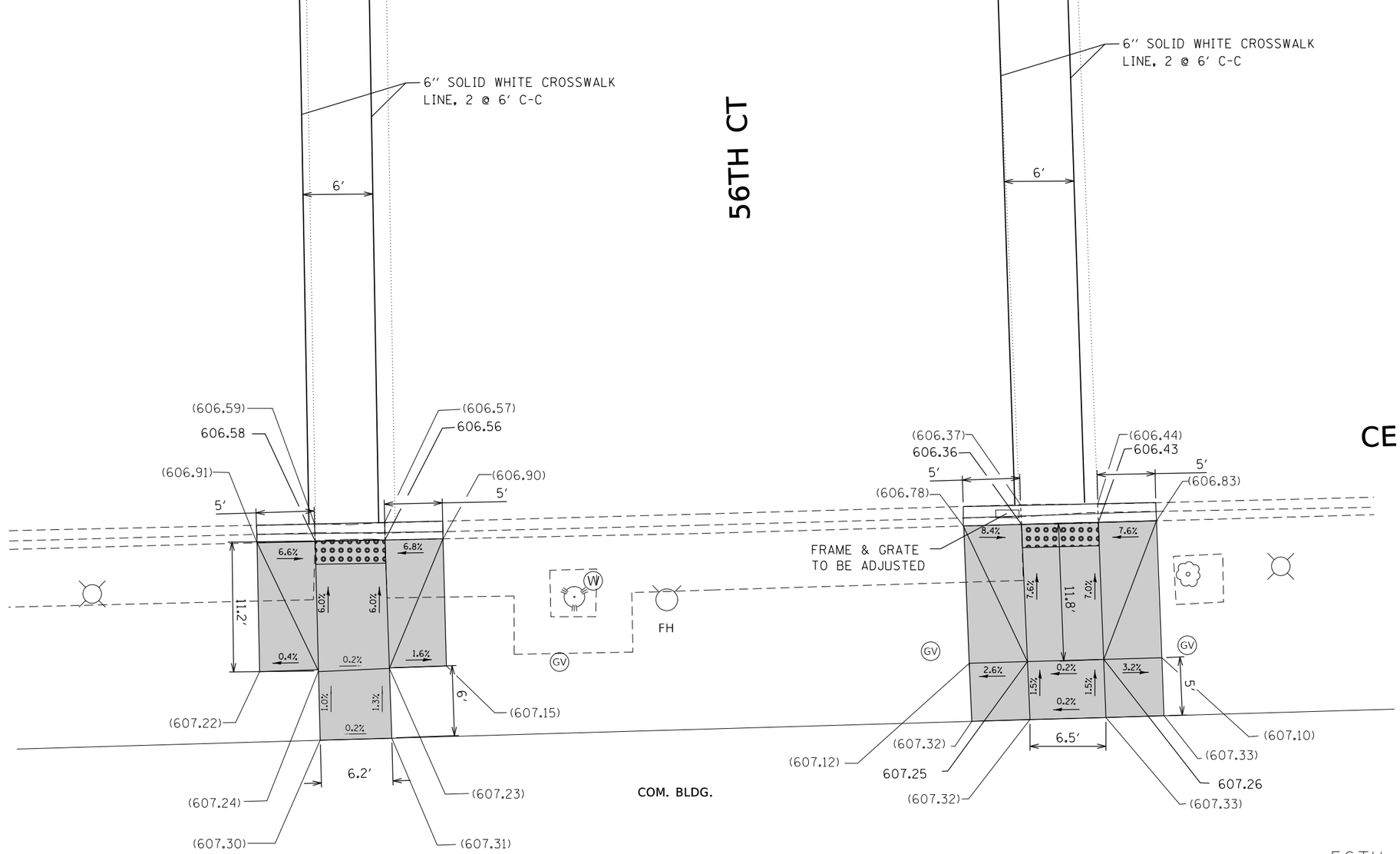
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	231

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 608.90

BENCHMARK : NORTH WEST BOLT ON FIRE HYDRANT

LOCATION : ON NORTH WEST CORNER OF CERMAK RD. AND 56TH CT.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

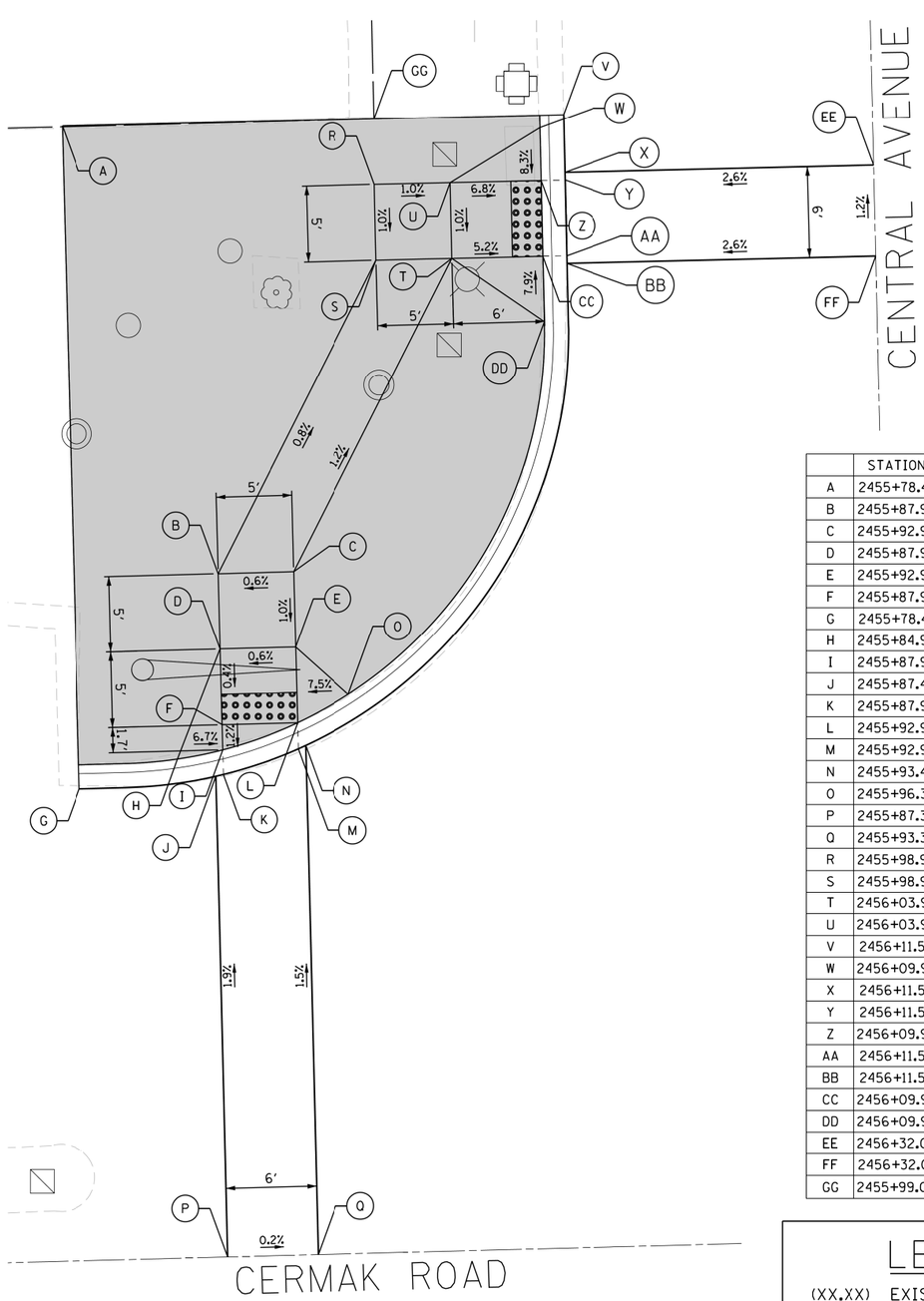
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23J

CONTRACT NO. 62F74

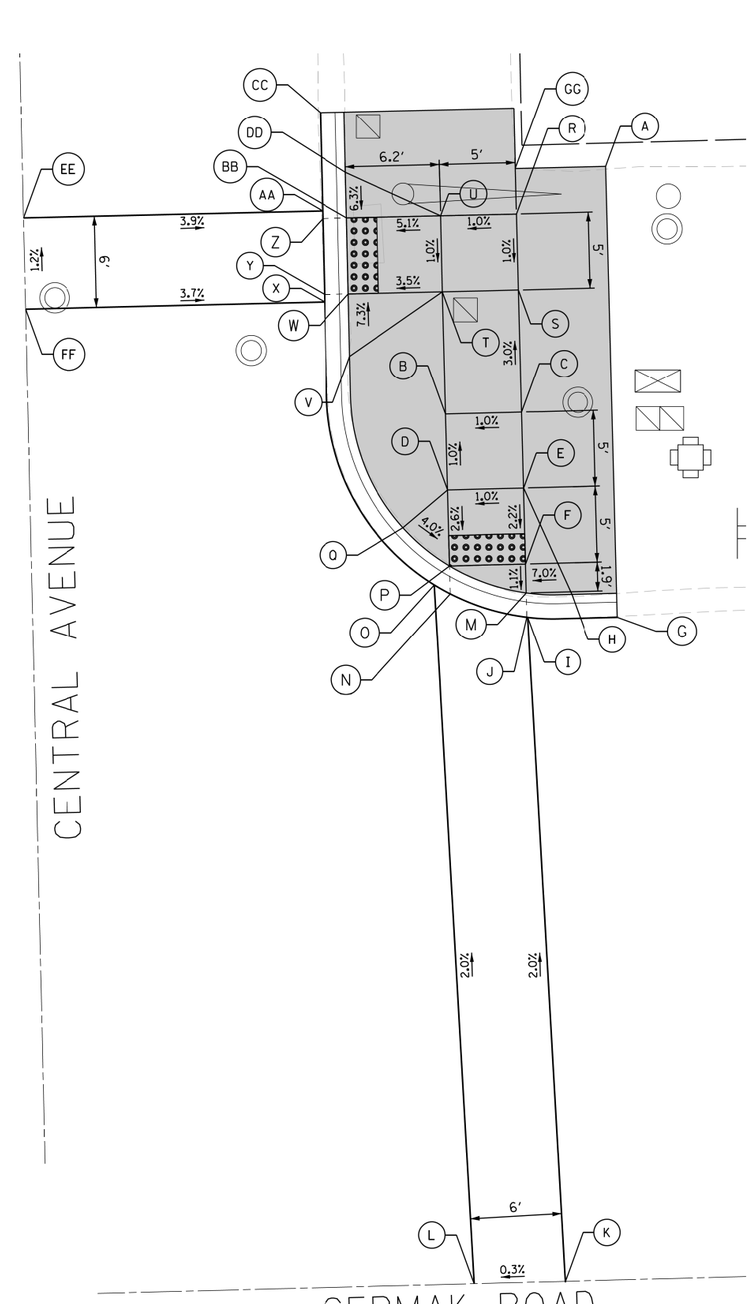
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2455+78.41	75.07 L	(606.91)
B	2455+87.94	45.23 L	607.11
C	2455+92.94	45.23 L	607.14
D	2455+87.94	40.23 L	607.16
E	2455+92.94	40.23 L	607.19
F	2455+87.94	35.23 L	607.14
G	2455+78.41	31.25 L	(607.07)
H	2455+84.94	33.04 L	607.32
I	2455+87.94	33.57 L	607.12
J	2455+87.44	31.84 L	607.09
K	2455+87.94	31.95 L	607.10
L	2455+92.94	35.23 L	607.17
M	2455+92.94	33.51 L	607.15
N	2455+93.44	33.72 L	607.17
O	2455+96.35	37.02 L	607.46
P	2455+87.38	0.00	607.68
Q	2455+93.38	0.00	607.67
R	2455+98.96	70.67 L	606.97
S	2455+98.94	65.67 L	606.92
T	2456+03.94	65.65 L	606.87
U	2456+03.96	70.65 L	606.92
V	2456+11.56	74.96 L	(606.46)
W	2456+09.97	74.13 L	606.80
X	2456+11.54	71.13 L	606.48
Y	2456+11.54	70.63 L	606.49
Z	2456+09.96	70.63 L	606.51
AA	2456+11.53	65.63 L	606.54
BB	2456+11.52	65.13 L	606.56
CC	2456+09.94	65.63 L	606.56
DD	2456+09.93	61.31 L	606.90
EE	2456+32.03	71.07 L	607.02
FF	2456+32.01	65.07 L	607.09
GG	2455+99.06	75.00 L	(607.04)

	STATION	OFFSET	ELEVATION
A	2456+70.56	73.47 L	(606.74)
B	2456+59.56	57.41 L	606.81
C	2456+64.56	57.41 L	606.86
D	2456+59.56	52.41 L	606.86
E	2456+64.56	52.41 L	606.91
F	2456+64.56	47.41 L	606.80
G	2456+70.56	43.75 L	(606.74)
H	2456+67.56	45.33 L	606.99
I	2456+64.61	43.90 L	606.76
J	2456+64.56	43.91 L	606.76
K	2456+65.96	0.00	607.61
L	2456+59.96	0.00	607.59
M	2456+64.56	45.51 L	606.78
N	2456+59.56	45.58 L	606.71
O	2456+58.53	46.19 L	606.67
P	2456+59.56	47.41 L	606.73
Q	2456+56.56	50.01 L	606.89
R	2456+64.56	70.48 L	606.67
S	2456+64.56	65.48 L	606.62
T	2456+59.56	65.50 L	606.57
U	2456+59.58	70.50 L	606.62
V	2456+53.33	61.41 L	606.65
W	2456+53.35	65.52 L	606.35
X	2456+51.76	65.02 L	606.34
Y	2456+51.76	65.52 L	606.33
Z	2456+51.78	70.52 L	606.28
AA	2456+51.78	71.02 L	606.26
BB	2456+53.36	70.52 L	606.30
CC	2456+51.80	77.52 L	(606.20)
DD	2456+53.37	73.52 L	606.49
EE	2456+32.03	71.07 L	607.02
FF	2456+32.01	65.07 L	607.09



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Central01.dgn	USER NAME = jjrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
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Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & CENTRAL AVENUE

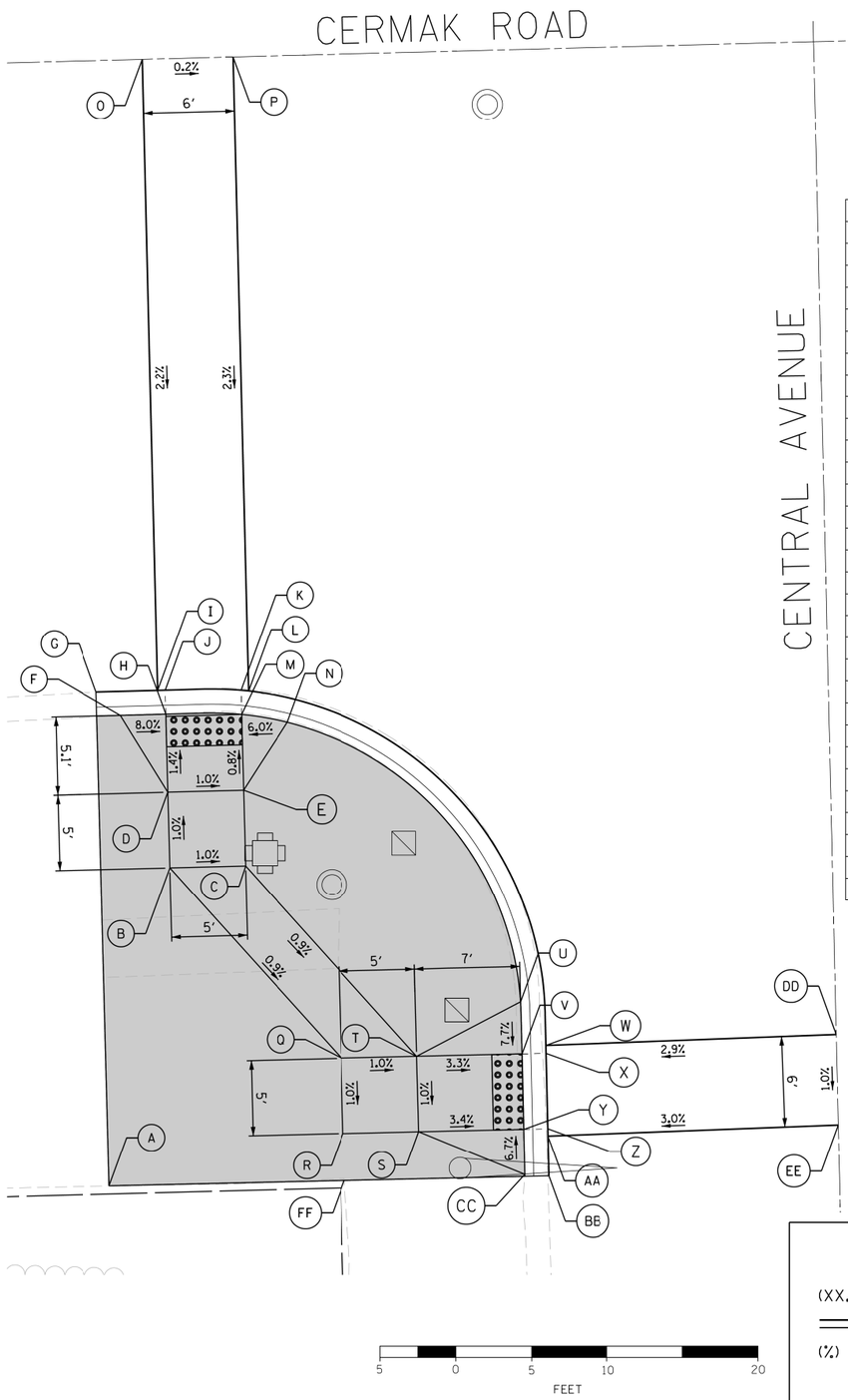
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJ.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23K

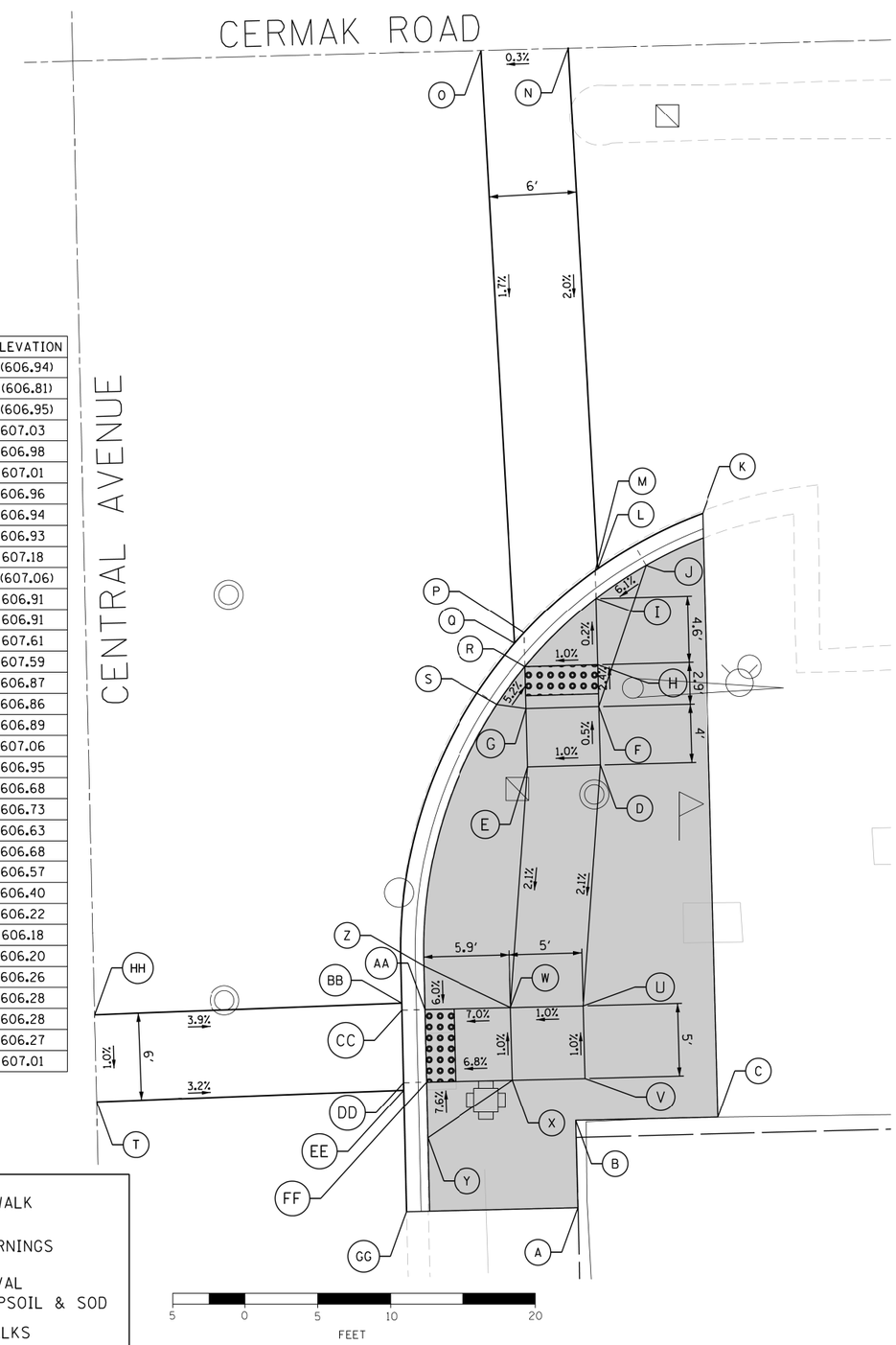
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2455+83.24	74.46 R	(606.83)
B	2455+87.81	53.48 R	606.89
C	2455+92.81	53.48 R	606.84
D	2455+87.81	48.48 R	606.84
E	2455+92.81	48.48 R	606.79
F	2455+84.81	43.33 R	607.01
G	2455+83.24	41.75 R	(606.78)
H	2455+87.81	43.33 R	606.77
I	2455+87.31	41.75 R	606.76
J	2455+87.81	41.75 R	606.75
K	2455+92.81	41.89 R	606.73
L	2455+93.31	41.95 R	606.72
M	2455+92.81	43.48 R	606.75
N	2455+95.81	44.08 R	606.97
O	2455+87.38	0.00	607.68
P	2455+93.38	0.00	607.67
Q	2455+98.81	66.37 R	606.73
R	2455+98.81	71.37 R	606.68
S	2456+03.81	71.39 R	606.63
T	2456+03.81	66.39 R	606.68
U	2456+10.75	62.96 R	606.73
V	2456+10.76	66.41 R	606.45
W	2456+12.34	65.89 R	606.45
X	2456+12.34	66.41 R	606.43
Y	2456+10.74	71.41 R	606.39
Z	2456+12.32	71.41 R	606.37
AA	2456+12.32	71.89 R	606.36
BB	2456+12.31	74.56 R	606.34
CC	2456+10.73	74.41 R	606.59
DD	2456+31.59	65.67 R	607.01
EE	2456+31.57	71.67 R	606.95



	STATION	OFFSET	ELEVATION
A	2456+64.56	79.83 R	(606.94)
B	2456+64.56	73.83 R	(606.81)
C	2456+74.37	73.86 R	(606.95)
D	2456+66.89	49.35 R	607.03
E	2456+61.89	49.35 R	606.98
F	2456+66.89	45.35 R	607.01
G	2456+61.89	45.35 R	606.96
H	2456+66.89	42.48 R	606.94
I	2456+66.89	37.90 R	606.93
J	2456+70.39	35.71 R	607.18
K	2456+74.37	32.24 R	(607.06)
L	2456+67.06	35.85 R	606.91
M	2456+66.89	35.97 R	606.91
N	2456+65.96	0.00	607.61
O	2456+59.96	0.00	607.59
P	2456+61.89	40.14 R	606.87
Q	2456+61.21	40.86 R	606.86
R	2456+61.89	42.48 R	606.89
S	2456+59.89	45.02 R	607.06
T	2456+31.57	71.67 R	606.95
U	2456+65.28	65.93 R	606.68
V	2456+65.28	70.93 R	606.73
W	2456+60.28	65.93 R	606.63
X	2456+60.28	70.91 R	606.68
Y	2456+54.33	74.75 R	606.57
Z	2456+54.37	62.90 R	606.40
AA	2456+54.36	65.90 R	606.22
BB	2456+52.77	65.41 R	606.18
CC	2456+52.77	65.89 R	606.20
DD	2456+52.76	70.89 R	606.26
EE	2456+52.76	71.42 R	606.28
FF	2456+54.34	70.90 R	606.28
GG	2456+52.73	79.79 R	606.27
HH	2456+31.59	65.67 R	607.01

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Central02.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
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Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

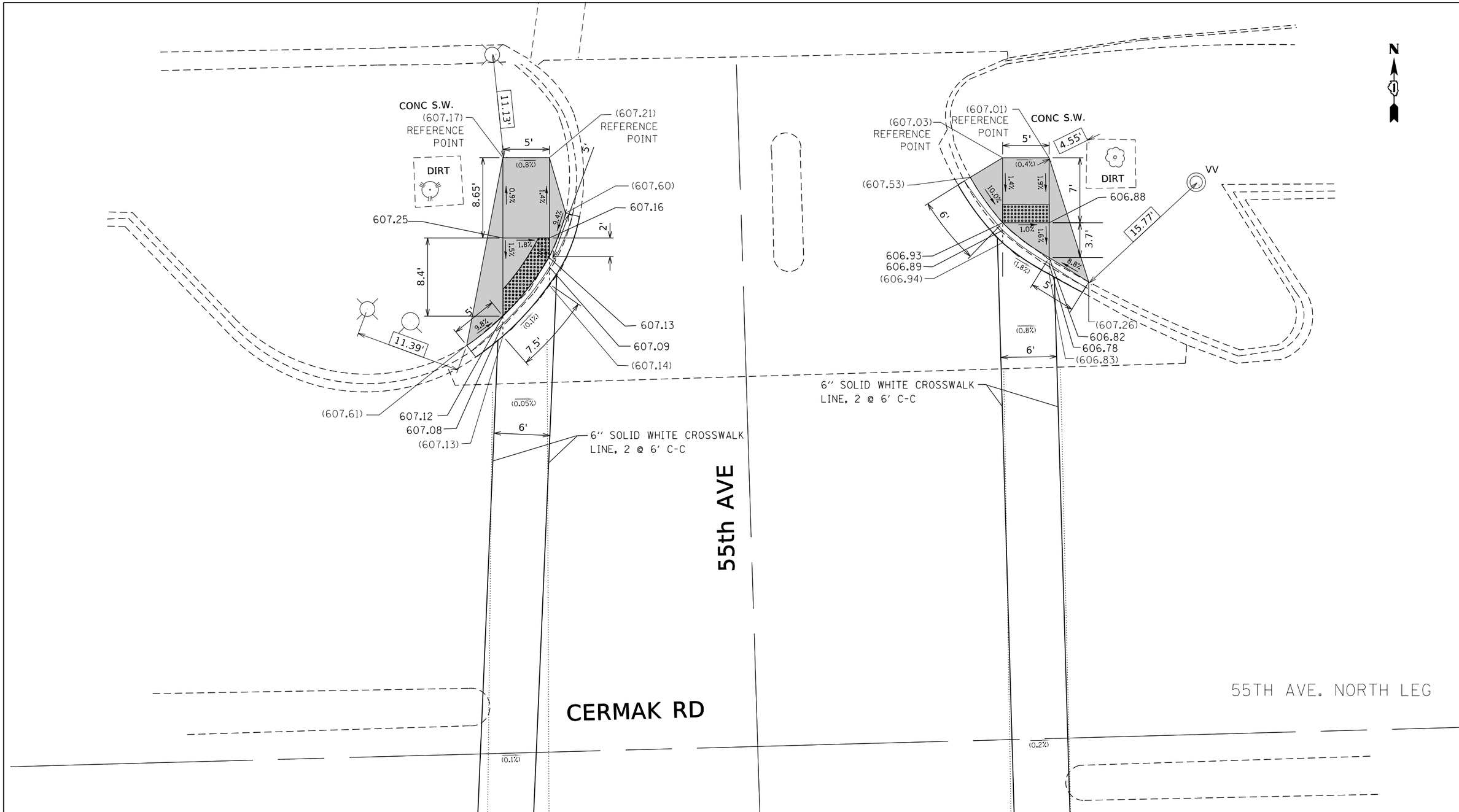
SMART CORRIDOR
CERMAK ROAD / 22ND STREET & CENTRAL AVENUE

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23L

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

		PROPOSED SIDEWALK	CLASS D PATCH
xx.xx'	EXISTING LENGTH	PROPOSED SIDE CURB	DETECTABLE WARNINGS
( )	EXISTING ELEVATION/SLOPE	SC TOP OF PROPOSED SIDE CURB	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 609.050

BENCHMARK : NE BOLT FIRE HYDRANT

LOCATION : NORTH WEST CORNER OF CERMAK AVE AND 55TH AVE

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		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

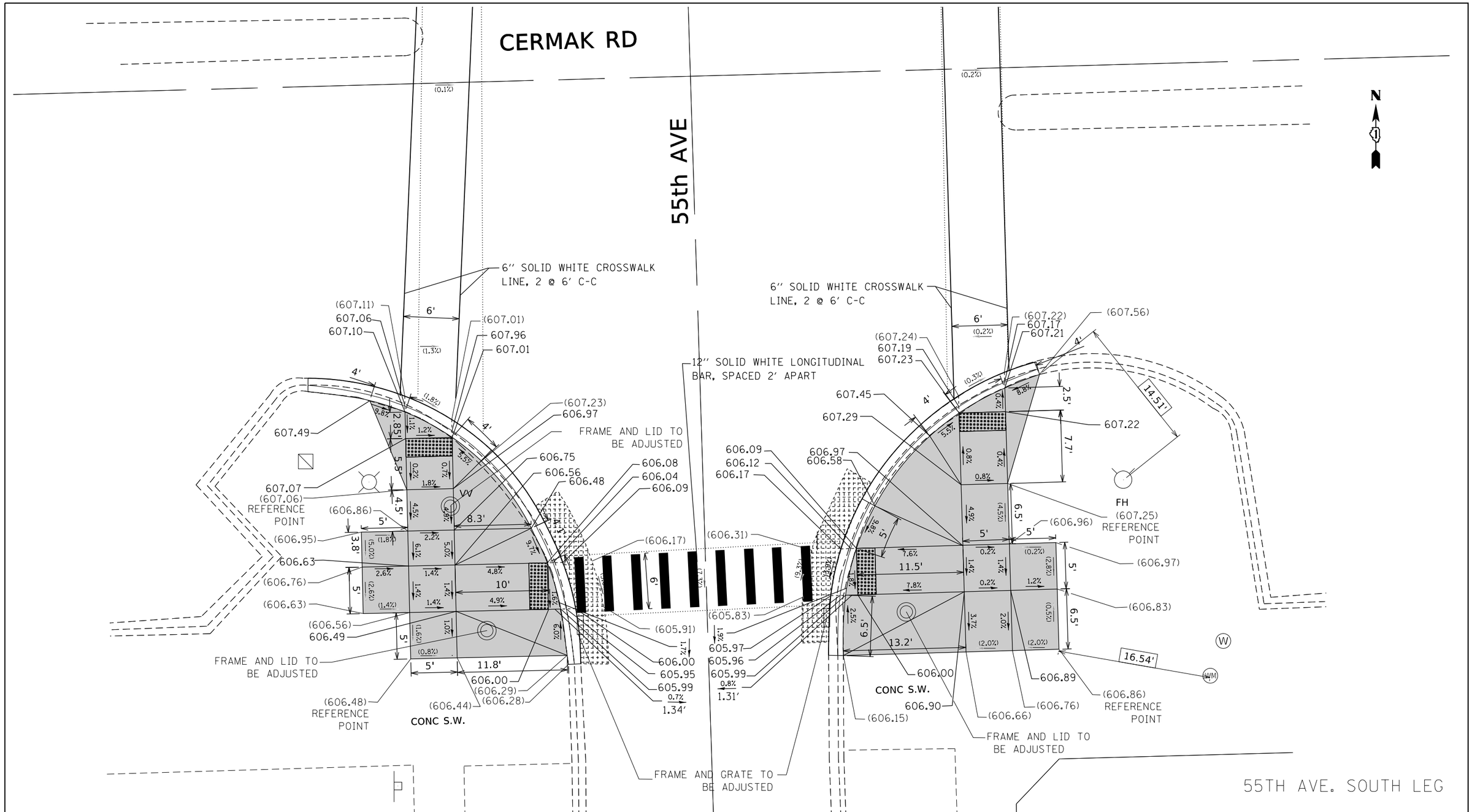
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23M

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 609.050

BENCHMARK : NE BOLT FIRE HYDRANT

LOCATION : NORTH WEST CORNER OF CERMAK AVE AND 55TH AVE

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\Contracts\Design\D103218-sht-dsk-aus3.dgn	USER NAME = Bilgramise	DESIGNED - --- --/--/----	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

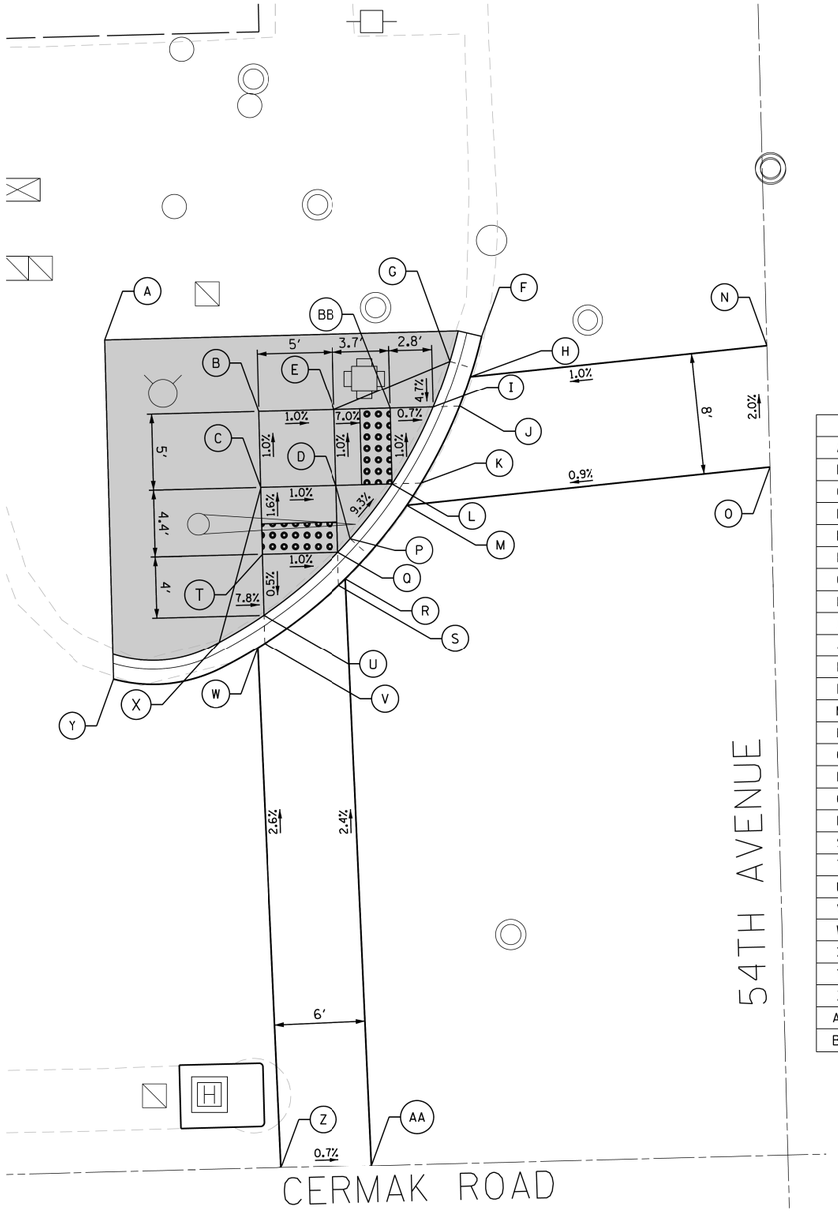
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23N

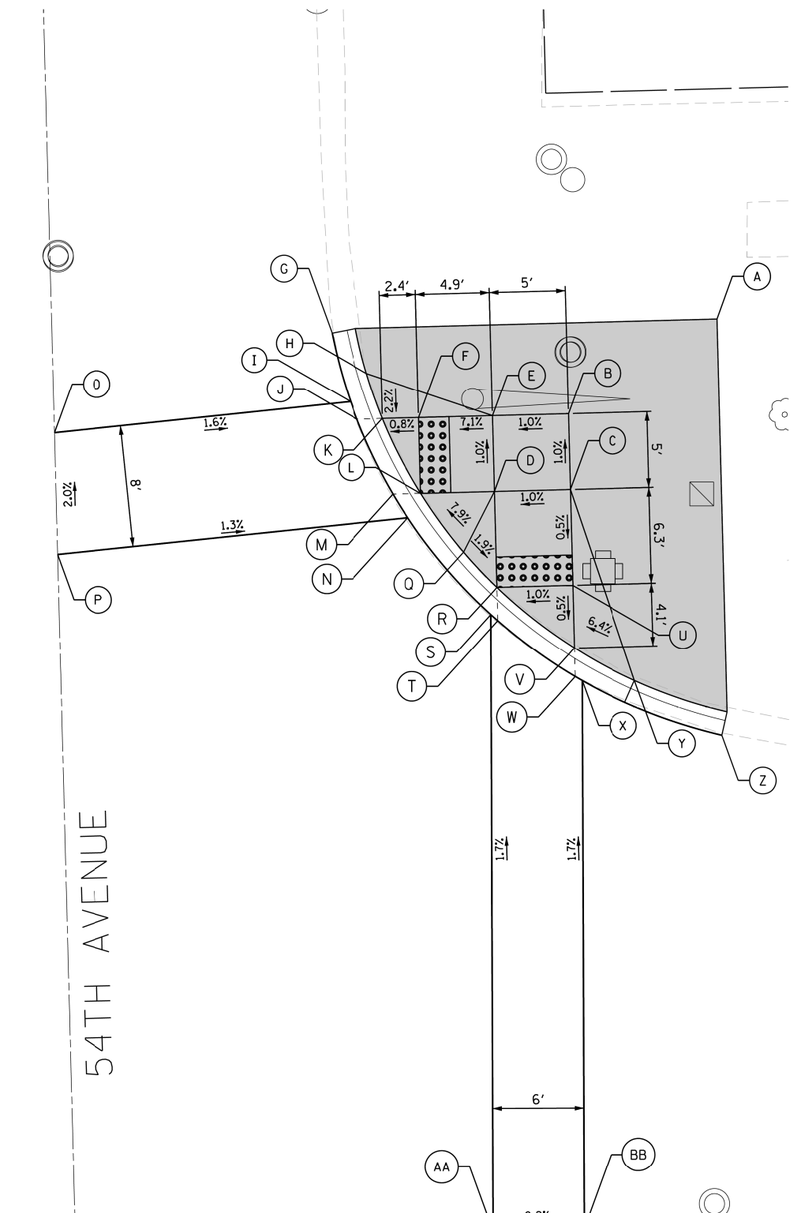
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2469+26.91	54.94 L	(606.06)
B	2469+36.91	49.94 L	606.20
C	2469+36.91	44.94 L	606.25
D	2469+41.91	44.94 L	606.20
E	2469+41.91	49.94 L	606.15
F	2469+51.75	54.54 L	605.11
G	2469+49.63	52.94 L	606.02
H	2469+50.94	51.88 L	605.81
I	2469+48.45	49.94 L	605.87
J	2469+50.18	49.94 L	605.85
K	2469+47.52	44.94 L	605.92
L	2469+45.61	44.94 L	605.94
M	2469+46.54	43.50 L	605.95
N	2469+70.57	53.42 L	606.01
O	2469+70.57	45.40 L	606.17
P	2469+42.76	41.41 L	606.36
Q	2469+41.91	40.53 L	606.27
R	2469+42.37	38.78 L	606.22
S	2469+41.91	38.36 L	606.25
T	2469+36.91	40.53 L	606.32
U	2469+36.91	36.52 L	606.30
V	2469+36.91	34.65 L	606.28
W	2469+36.45	34.37 L	606.30
X	2469+33.91	34.80 L	606.57
Y	2469+26.91	32.53 L	(606.31)
Z	2469+37.09	0.00	607.21
AA	2469+43.09	0.00	607.17
BB	2469+45.61	49.94 L	605.89



	STATION	OFFSET	ELEVATION
A	2470+14.52	59.80 L	(605.98)
B	2470+04.52	53.80 L	606.19
C	2470+04.52	48.80 L	606.24
D	2469+99.52	48.80 L	606.19
E	2469+99.52	53.80 L	606.14
F	2469+94.65	53.80 L	605.79
G	2469+89.06	59.53 L	(605.45)
H	2469+91.28	56.80 L	605.84
I	2469+90.17	54.97 L	605.69
J	2469+90.57	53.80 L	605.75
K	2469+92.25	53.80 L	605.77
L	2469+94.65	48.80 L	605.84
M	2469+92.83	48.80 L	605.82
N	2469+93.76	47.23 L	605.86
O	2469+70.57	53.42 L	606.01
P	2469+70.57	45.40 L	606.17
Q	2469+97.38	44.87 L	606.22
R	2469+99.52	42.49 L	606.16
S	2469+99.07	40.71 L	606.12
T	2469+99.52	40.29 L	606.14
U	2470+04.52	42.49 L	606.21
V	2470+04.52	38.35 L	606.19
W	2470+04.52	36.47 L	606.17
X	2470+04.97	36.19 L	606.19
Y	2470+08.45	36.10 L	606.48
Z	2470+14.12	32.34 L	(606.37)
AA	2469+98.17	0.00	606.83
BB	2470+04.17	0.00	606.82

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-54th01.dgn	USER NAME = jirobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & 54TH AVENUE

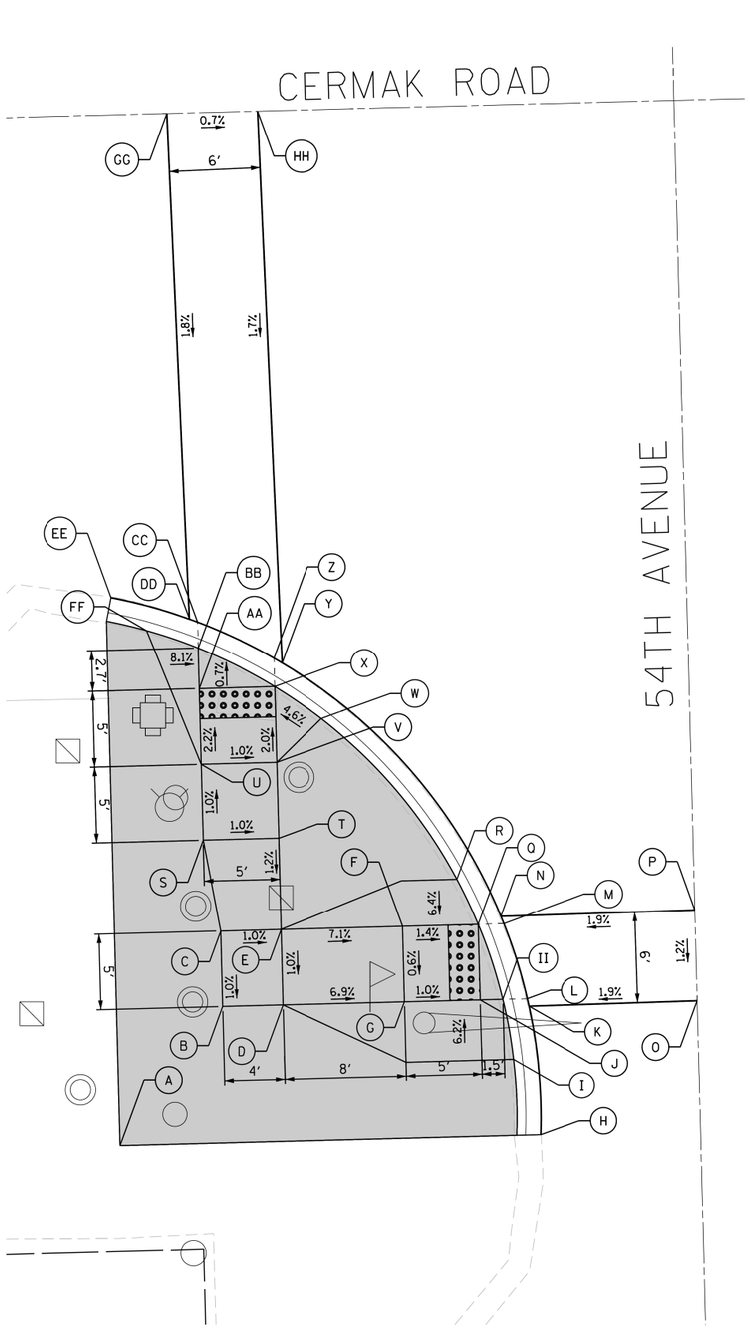
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	230

CONTRACT NO. 62F74

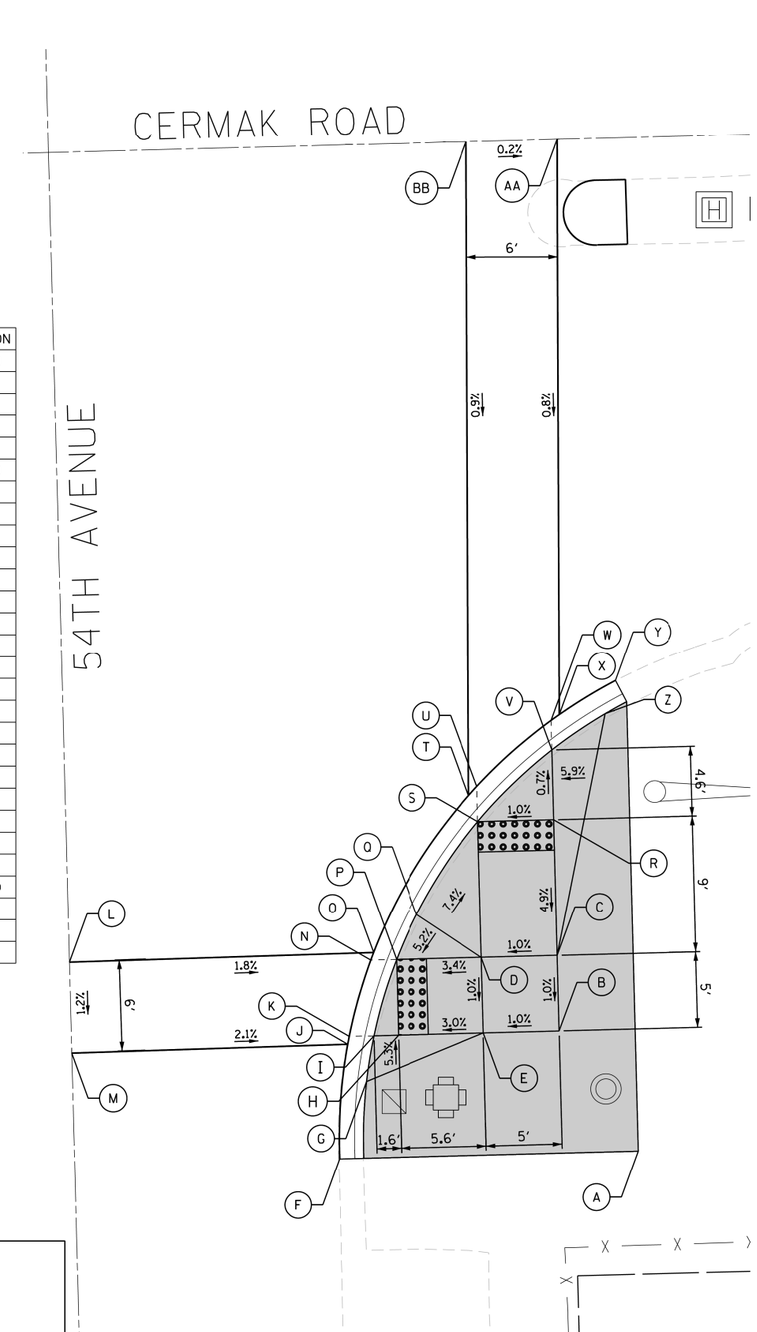
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2469+32.24	67.99 R	(606.52)
B	2469+43.24	53.99 R	606.63
C	2469+43.24	58.99 R	606.58
D	2469+43.24	58.99 R	606.58
E	2469+43.24	53.99 R	606.63
F	2469+51.25	53.99 R	606.06
G	2469+51.25	58.99 R	606.03
H	2469+60.01	67.99 R	(606.93)
I	2469+58.35	62.99 R	606.22
J	2469+56.25	58.99 R	605.98
K	2469+59.46	59.49 R	605.94
L	2469+59.36	58.99 R	605.95
M	2469+57.94	53.99 R	605.97
N	2469+57.76	53.50 R	605.98
O	2469+70.57	59.42 R	606.15
P	2469+70.57	53.42 R	606.22
Q	2469+56.25	53.99 R	605.99
R	2469+54.92	50.99 R	606.20
S	2469+38.24	47.97 R	606.78
T	2469+43.24	47.97 R	606.73
U	2469+38.24	42.97 R	606.73
V	2469+43.24	42.97 R	606.68
W	2469+46.24	40.16 R	606.75
X	2469+43.24	37.97 R	606.58
Y	2469+43.77	36.42 R	606.54
Z	2469+43.24	36.10 R	606.56
AA	2469+38.24	37.97 R	606.62
BB	2469+38.24	35.30 R	606.60
CC	2469+38.24	33.58 R	606.58
DD	2469+37.71	33.37 R	606.60
EE	2469+32.58	31.82 R	(606.64)
FF	2469+34.87	34.06 R	606.89
GG	2469+37.09	0.00	607.21
HH	2469+43.09	0.00	607.17
II	2469+57.74	58.99 R	605.97

	STATION	OFFSET	ELEVATION
A	2470+07.78	66.87 R	(606.21)
B	2470+02.78	58.80 R	606.05
C	2470+02.78	53.80 R	606.10
D	2469+97.78	53.80 R	606.05
E	2469+97.78	58.80 R	606.00
F	2469+88.07	66.87 R	(605.71)
G	2469+89.97	61.80 R	605.97
H	2469+92.16	58.80 R	605.83
I	2469+90.53	58.80 R	605.81
J	2469+88.80	59.31 R	605.76
K	2469+88.91	58.80 R	605.79
L	2469+70.57	53.42 R	606.22
M	2469+70.57	59.42 R	606.15
N	2469+90.45	53.80 R	605.84
O	2469+90.65	53.30 R	605.86
P	2469+92.16	53.80 R	605.86
Q	2469+93.57	50.85 R	606.03
R	2470+02.78	44.84 R	606.54
S	2469+97.78	44.84 R	606.49
T	2469+97.21	43.10 R	606.44
U	2469+97.78	42.51 R	606.47
V	2470+02.78	40.25 R	606.51
W	2470+02.78	38.30 R	606.49
X	2470+03.33	37.93 R	606.52
Y	2470+07.08	35.78 R	(606.54)
Z	2470+06.35	37.95 R	606.76
AA	2470+04.17	0.00	606.82
BB	2469+98.17	0.00	606.83



LEGEND

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

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-54th02.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

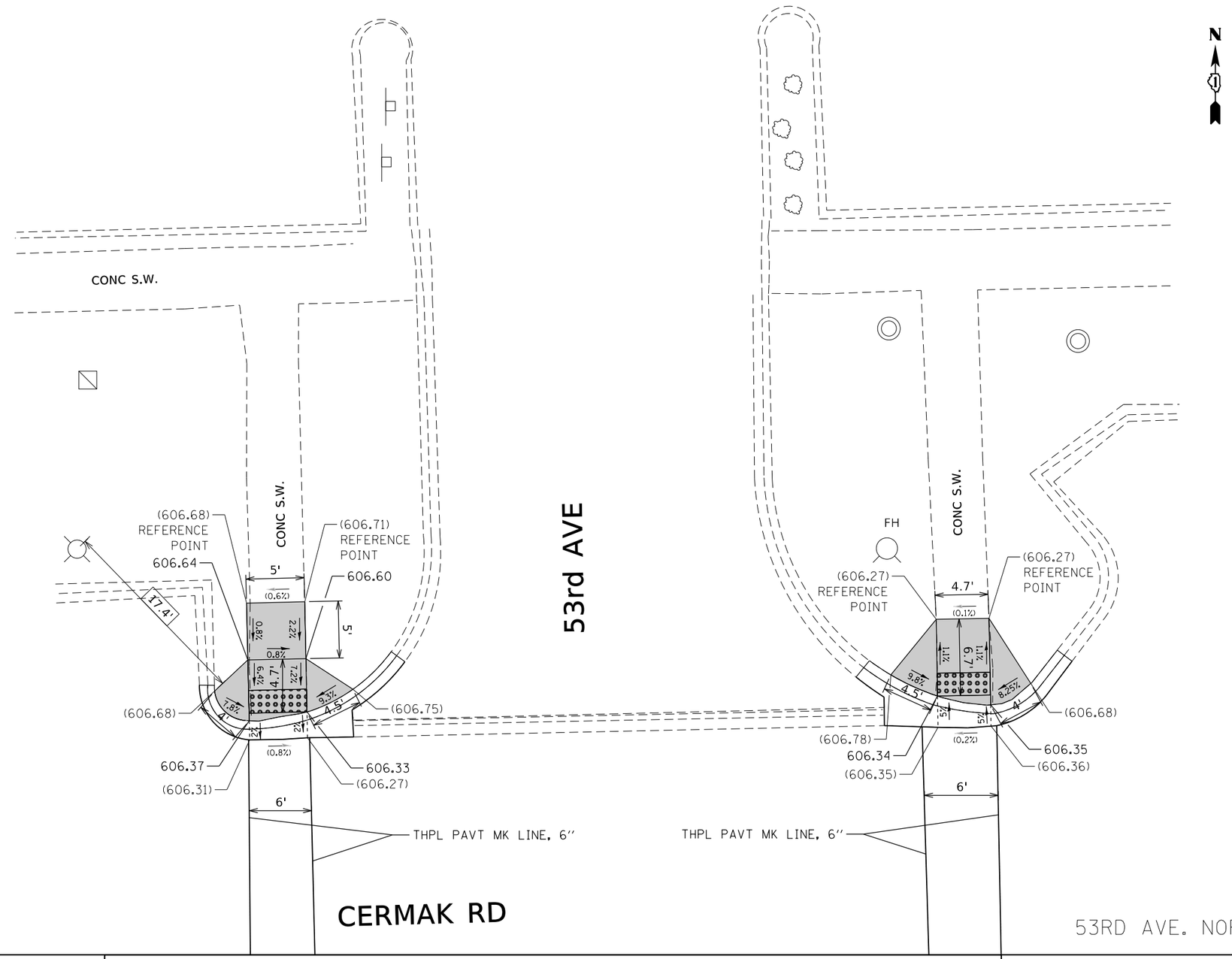
SMART CORRIDOR
CERMAK ROAD /22ND STREET & 54TH AVENUE

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23P

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 608.384

BENCHMARK : ARROW POINTS TO SOUTH EASTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON SOUTH WEST CORNER OF CERMAK RD. AND 53RD AVE.

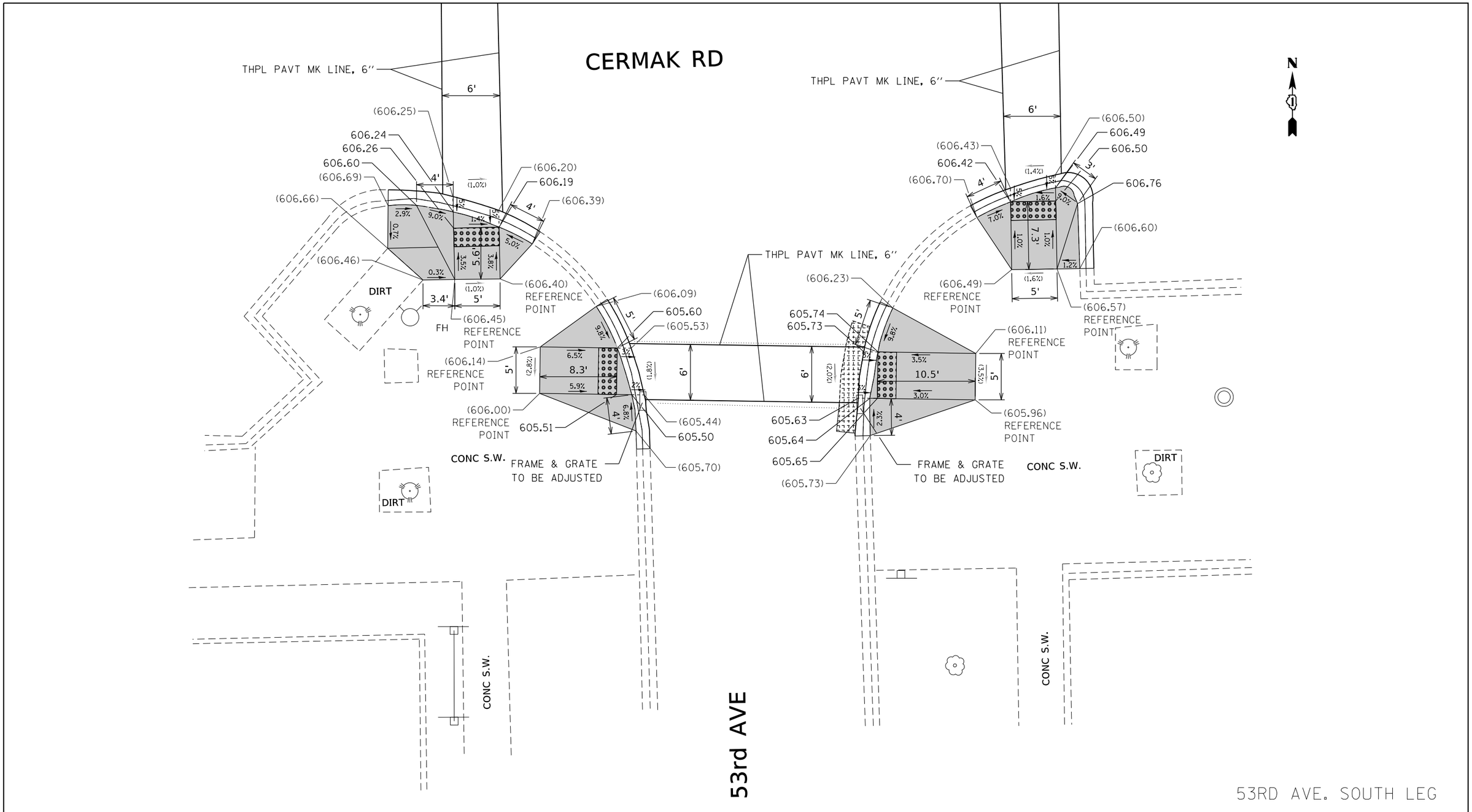
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032	USER NAME = Bilgramisa	DESIGNED - ___ __/__/____	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	230
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 608.384

BENCHMARK : ARROW POINTS TO SOUTH EASTERNLY LOWER FLANGE BOLT OF HYDRANT

LOCATION : ON SOUTH WEST CORNER OF CERMAK RD. AND 53RD AVE.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\DRAWING\Data\Design\D103218-sht-dgnlds\Default	USER NAME = Bilgramisa	DESIGNED - --- --/--/----	REVISED -
			REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

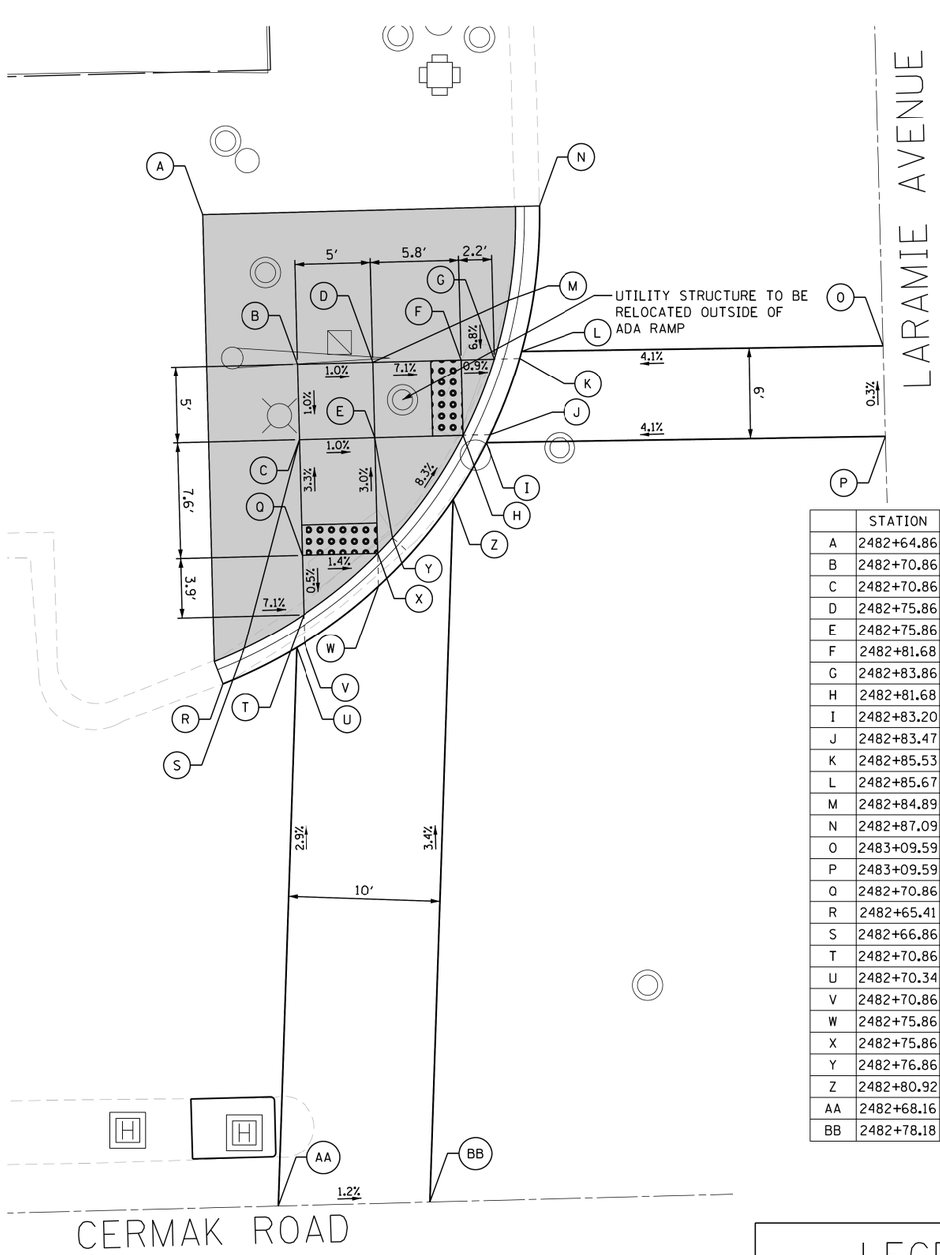
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23R

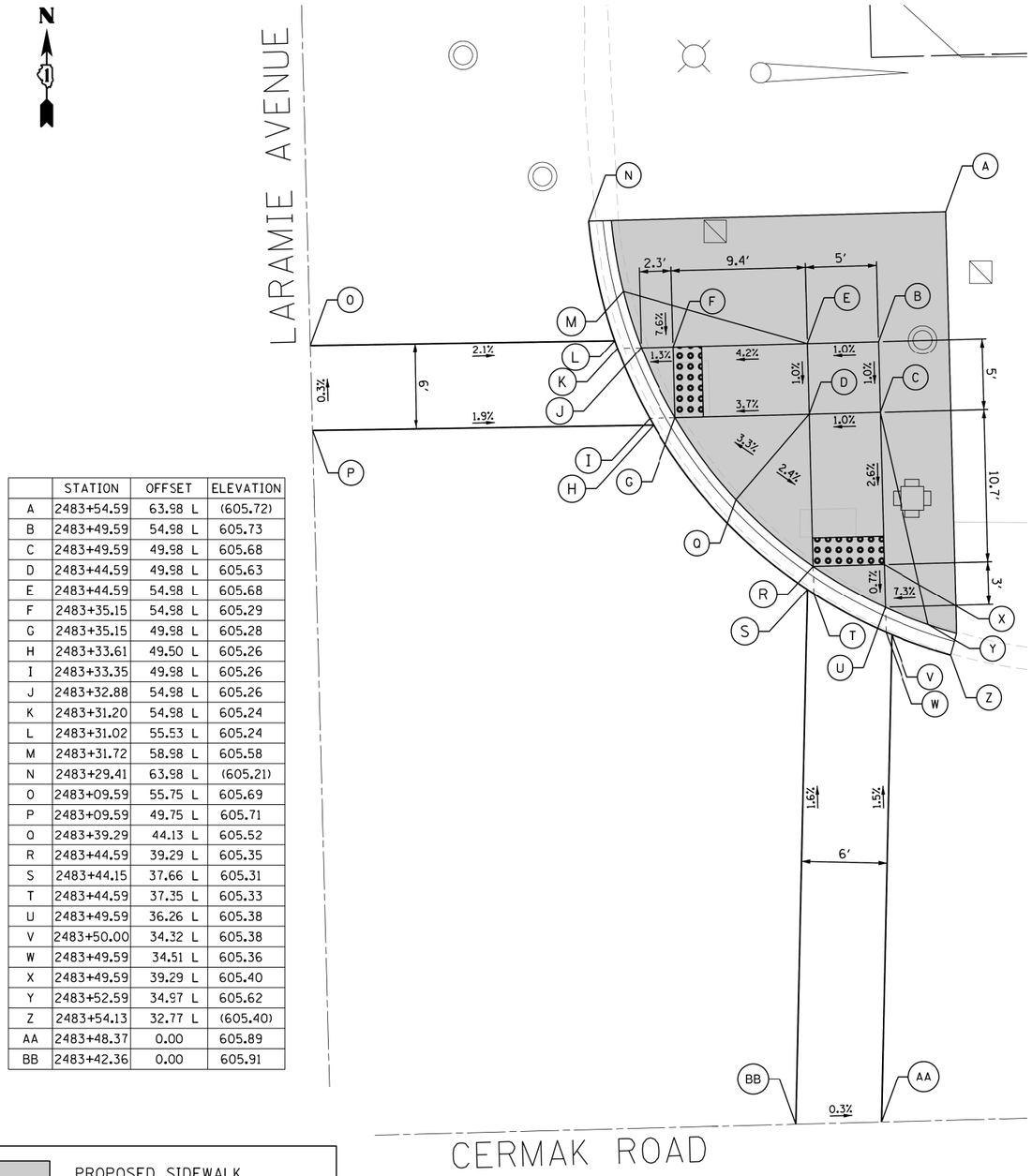
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2482+64.86	65.54 L	(604.53)
B	2482+70.86	55.54 L	605.19
C	2482+70.86	50.54 L	605.14
D	2482+75.86	55.54 L	605.14
E	2482+75.86	50.54 L	605.09
F	2482+81.68	55.54 L	604.73
G	2482+83.86	55.54 L	604.71
H	2482+81.68	50.54 L	604.68
I	2482+83.20	50.02 L	604.63
J	2482+83.47	50.54 L	604.66
K	2482+85.53	55.54 L	604.69
L	2482+85.67	56.00 L	604.71
M	2482+84.89	59.38 L	604.98
N	2482+87.09	65.54 L	(604.76)
O	2483+09.59	55.75 L	605.69
P	2483+09.59	49.75 L	605.71
Q	2482+70.86	42.93 L	605.39
R	2482+65.41	34.57 L	(605.52)
S	2482+66.86	36.87 L	605.70
T	2482+70.86	39.01 L	605.37
U	2482+70.34	36.85 L	605.38
V	2482+70.86	37.15 L	605.35
W	2482+75.86	40.78 L	605.30
X	2482+75.86	42.93 L	605.32
Y	2482+76.86	43.93 L	605.36
Z	2482+80.92	46.35 L	604.74
AA	2482+68.16	0.00	606.43
BB	2482+78.18	0.00	606.31



	STATION	OFFSET	ELEVATION
A	2483+54.59	63.98 L	(605.72)
B	2483+49.59	54.98 L	605.73
C	2483+49.59	49.98 L	605.68
D	2483+44.59	49.98 L	605.63
E	2483+44.59	54.98 L	605.68
F	2483+35.15	54.98 L	605.29
G	2483+35.15	49.98 L	605.28
H	2483+33.61	49.50 L	605.26
I	2483+33.35	49.98 L	605.26
J	2483+32.88	54.98 L	605.26
K	2483+31.20	54.98 L	605.24
L	2483+31.02	55.53 L	605.24
M	2483+31.72	58.98 L	605.58
N	2483+29.41	63.98 L	(605.21)
O	2483+09.59	55.75 L	605.69
P	2483+09.59	49.75 L	605.71
Q	2483+39.29	44.13 L	605.52
R	2483+44.59	39.29 L	605.35
S	2483+44.15	37.66 L	605.31
T	2483+44.59	37.35 L	605.33
U	2483+49.59	36.26 L	605.38
V	2483+50.00	34.32 L	605.38
W	2483+49.59	34.51 L	605.36
X	2483+49.59	39.29 L	605.40
Y	2483+52.59	34.97 L	605.62
Z	2483+54.13	32.77 L	(605.40)
AA	2483+48.37	0.00	605.89
BB	2483+42.36	0.00	605.91

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Laramie01.dgn	USER NAME = jirobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & LARAMIE AVENUE

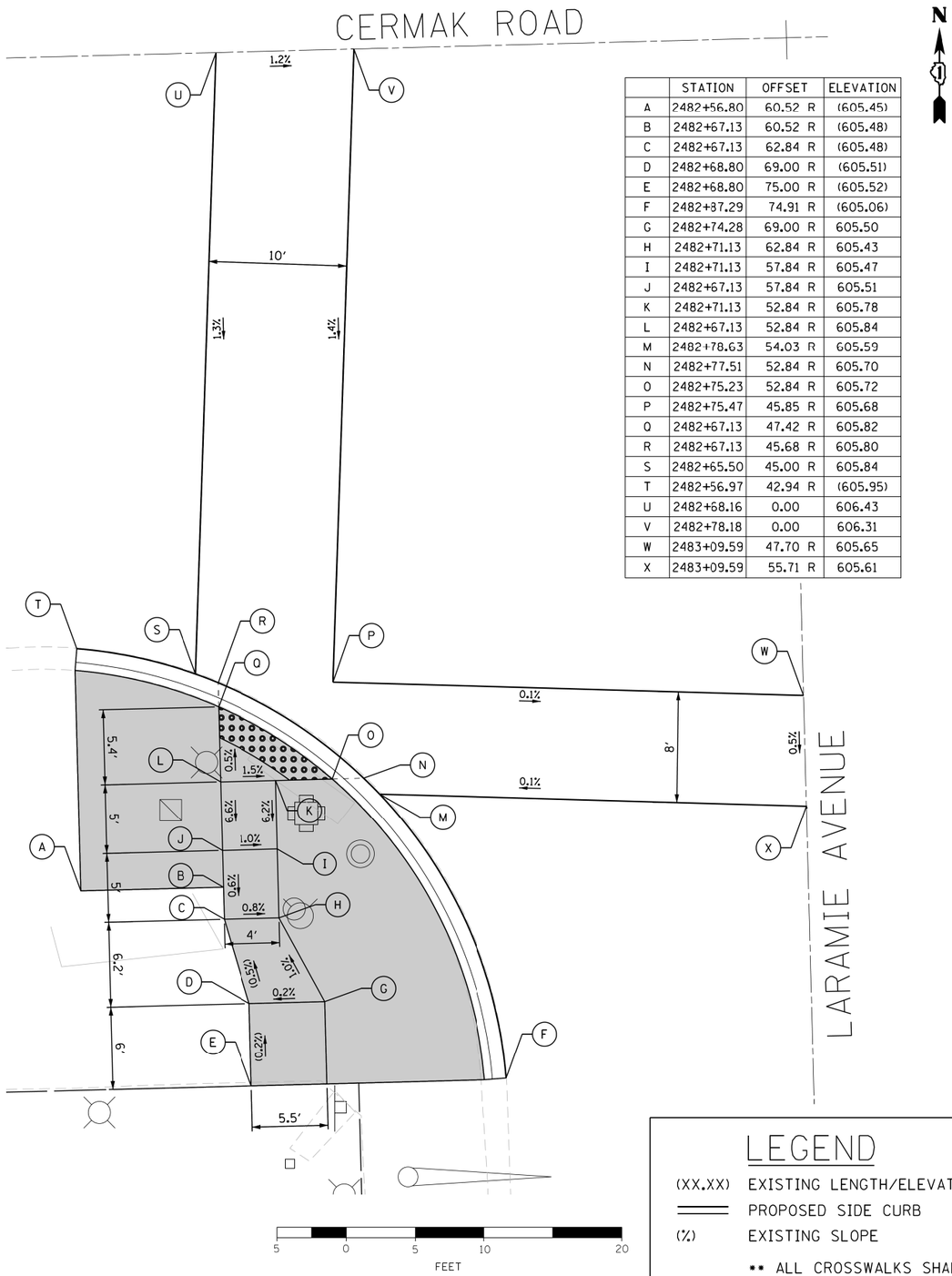
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	235

CONTRACT NO. 62F74

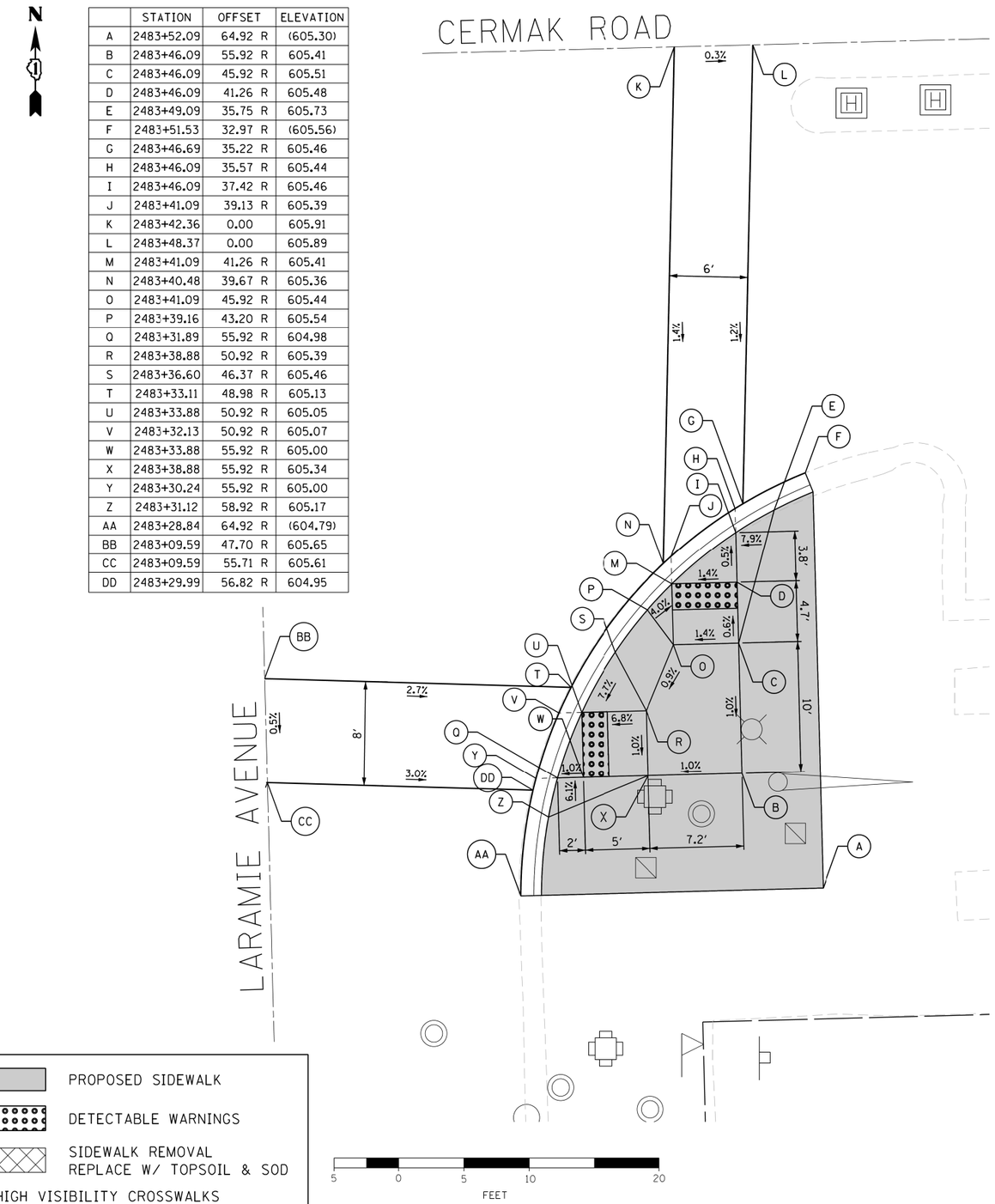
ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2482+56.80	60.52 R	(605.45)
B	2482+67.13	60.52 R	(605.48)
C	2482+67.13	62.84 R	(605.48)
D	2482+68.80	69.00 R	(605.51)
E	2482+68.80	75.00 R	(605.52)
F	2482+87.29	74.91 R	(605.06)
G	2482+74.28	69.00 R	605.50
H	2482+71.13	62.84 R	605.43
I	2482+71.13	57.84 R	605.47
J	2482+67.13	57.84 R	605.51
K	2482+71.13	52.84 R	605.78
L	2482+67.13	52.84 R	605.84
M	2482+78.63	54.03 R	605.59
N	2482+77.51	52.84 R	605.70
O	2482+75.23	52.84 R	605.72
P	2482+75.47	45.85 R	605.68
Q	2482+67.13	47.42 R	605.82
R	2482+67.13	45.68 R	605.80
S	2482+65.50	45.00 R	605.84
T	2482+56.97	42.94 R	(605.95)
U	2482+68.16	0.00	606.43
V	2482+78.18	0.00	606.31
W	2483+09.59	47.70 R	605.65
X	2483+09.59	55.71 R	605.61

	STATION	OFFSET	ELEVATION
A	2483+52.09	64.92 R	(605.30)
B	2483+46.09	55.92 R	605.41
C	2483+46.09	45.92 R	605.51
D	2483+46.09	41.26 R	605.48
E	2483+49.09	35.75 R	605.73
F	2483+51.53	32.97 R	(605.56)
G	2483+46.69	35.22 R	605.46
H	2483+46.09	35.57 R	605.44
I	2483+46.09	37.42 R	605.46
J	2483+41.09	39.13 R	605.39
K	2483+42.36	0.00	605.91
L	2483+48.37	0.00	605.89
M	2483+41.09	41.26 R	605.41
N	2483+40.48	39.67 R	605.36
O	2483+41.09	45.92 R	605.44
P	2483+39.16	43.20 R	605.54
Q	2483+31.89	55.92 R	604.98
R	2483+38.88	50.92 R	605.39
S	2483+36.60	46.37 R	605.46
T	2483+33.11	48.98 R	605.13
U	2483+33.88	50.92 R	605.05
V	2483+32.13	50.92 R	605.07
W	2483+33.88	55.92 R	605.00
X	2483+38.88	55.92 R	605.34
Y	2483+30.24	55.92 R	605.00
Z	2483+31.12	58.92 R	605.17
AA	2483+28.84	64.92 R	(604.79)
BB	2483+09.59	47.70 R	605.65
CC	2483+09.59	55.71 R	605.61
DD	2483+29.99	56.82 R	604.95



LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Laramie02.dgn	USER NAME = jirobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

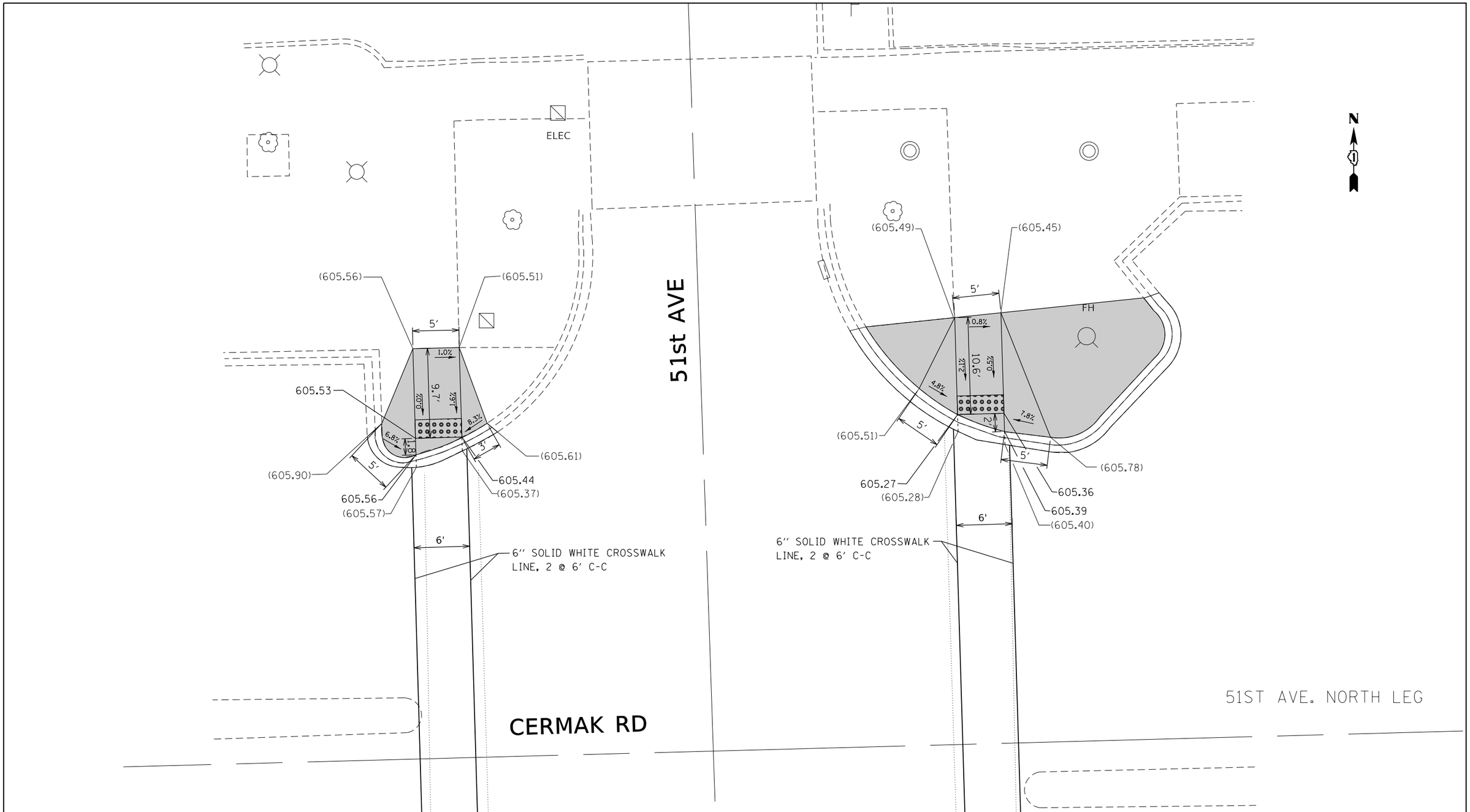
SMART CORRIDOR
CERMAK ROAD / 22ND STREET & LARAMIE AVENUE

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23T

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

XX.XX'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 607.935

BENCHMARK : SOUTH WEST BOLT ON FIRE HYDRANT

LOCATION : ON NORTH EAST CORNER OF CERMAK RD. AND 51ST AVE.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218-sht/dgn/sht2.dgn	USER NAME = Bilgramisa	DESIGNED - --- --/--/----	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

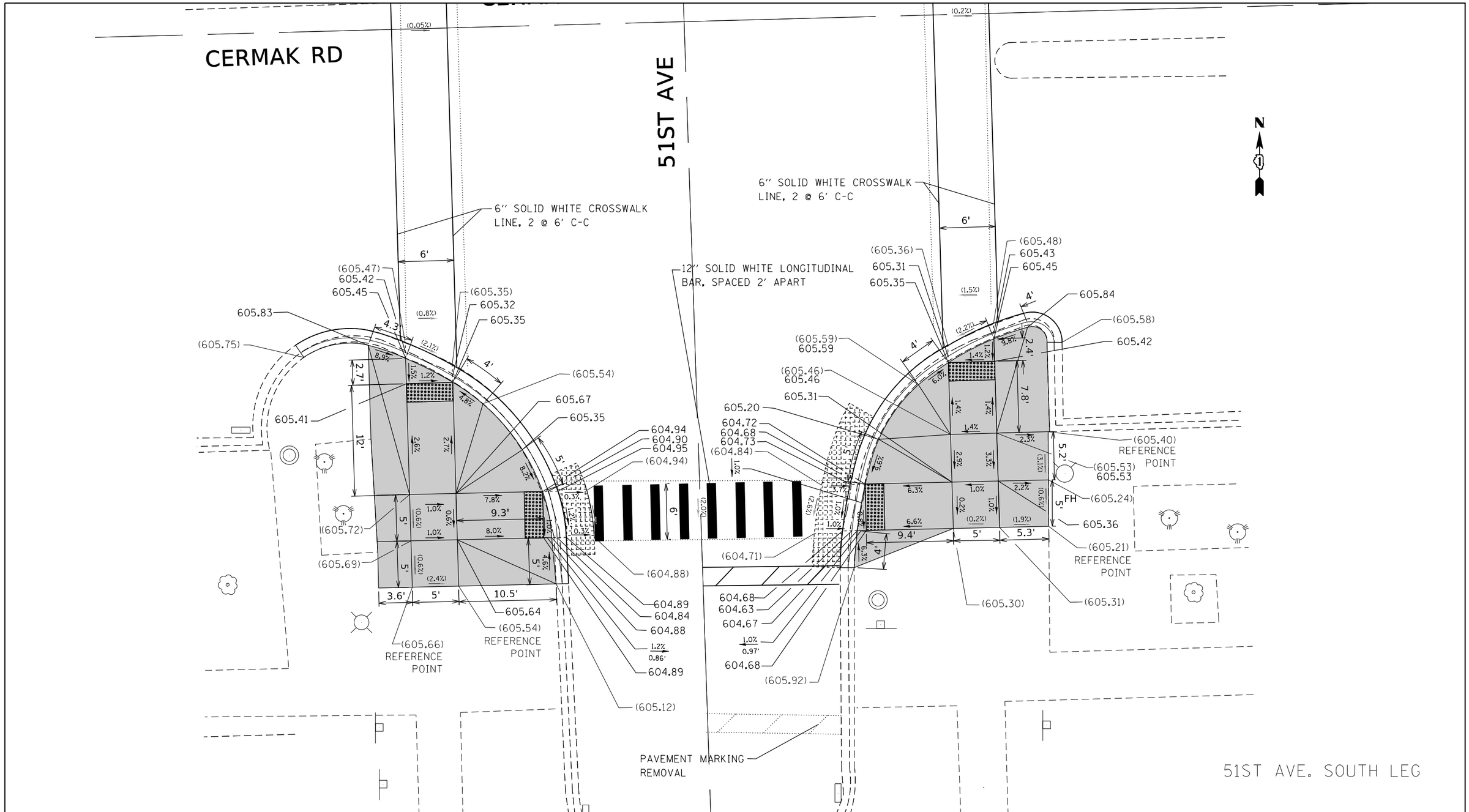
SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23U

CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT



LEGEND

xx.xx'	EXISTING LENGTH
( )	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED SIDE CURB
SC	TOP OF PROPOSED SIDE CURB
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 607.935

BENCHMARK : SW BOLT FIRE HYDRANT

LOCATION : NORTH EAST CORNER OF CERMAK AVE AND 51ST AVE

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D103218\Contract Data\Design\D103218-sht-dsk4ls3.dgn	USER NAME = Bilgramiso	DESIGNED - ___ __/__/____	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 4/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
CERMAK RD. – IL 43 (HARLEM AVE.) TO IL 50 (CICERO AVE.)

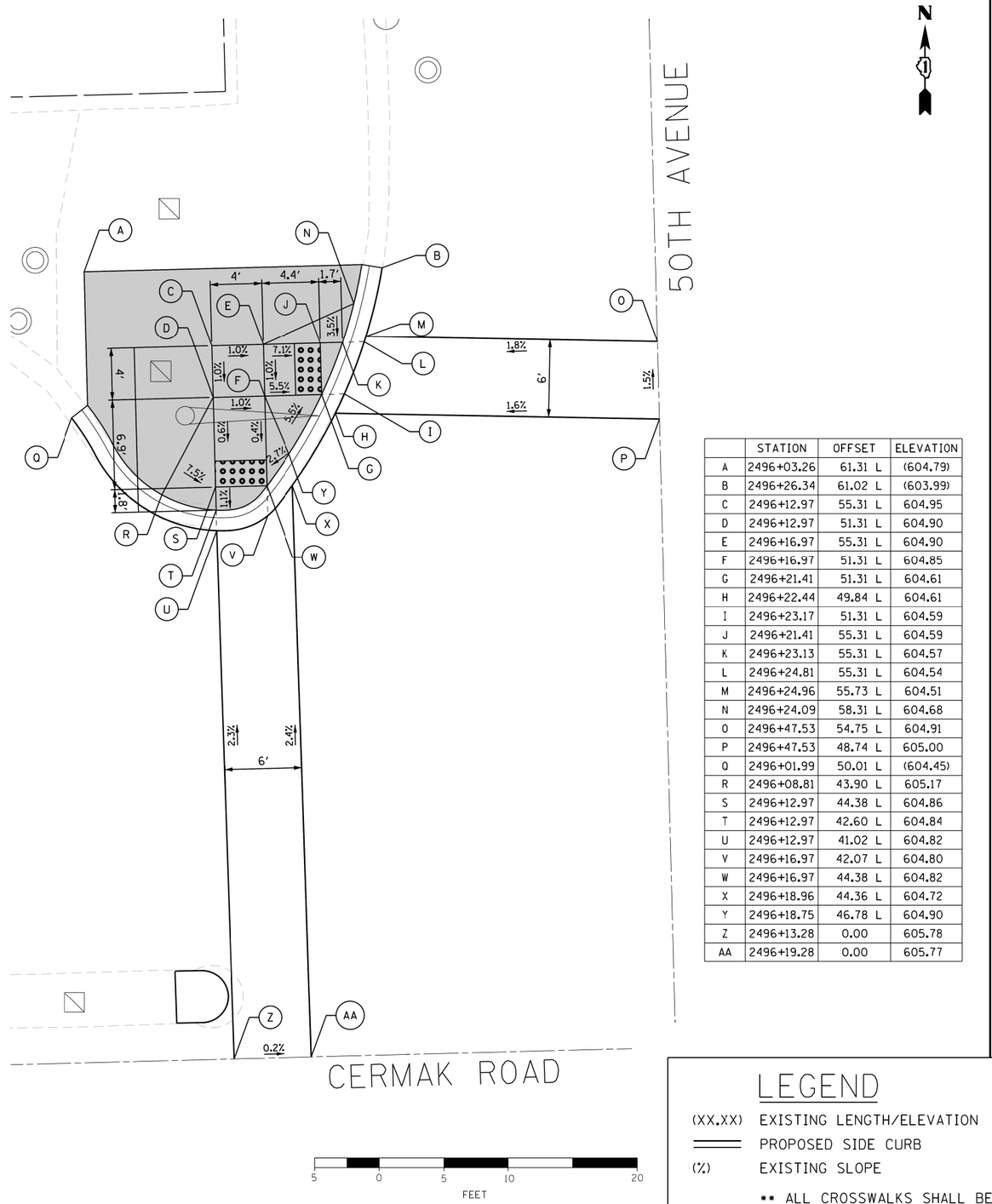
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23V

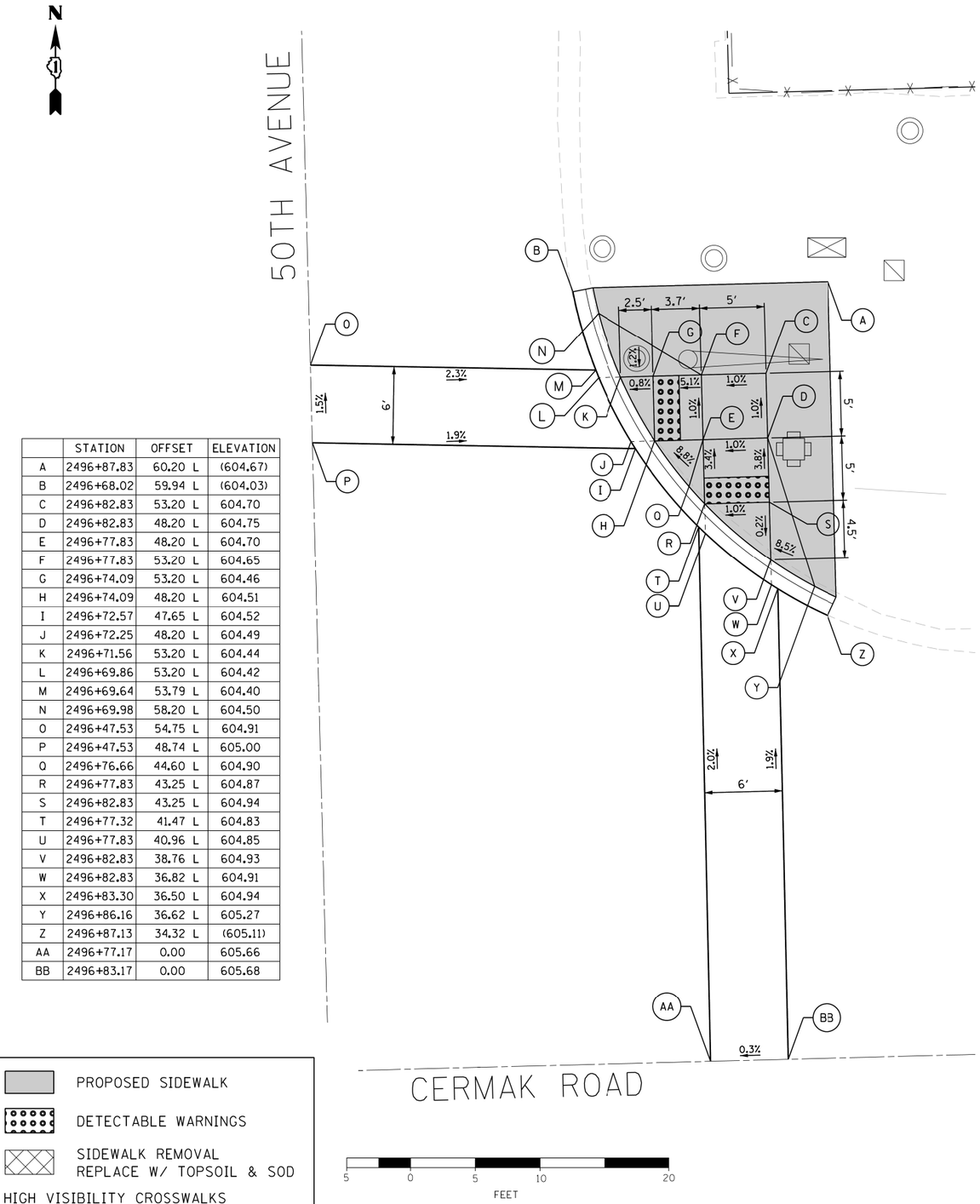
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2496+03.26	61.31 L	(604.79)
B	2496+26.34	61.02 L	(603.99)
C	2496+12.97	55.31 L	604.95
D	2496+12.97	51.31 L	604.90
E	2496+16.97	55.31 L	604.90
F	2496+16.97	51.31 L	604.85
G	2496+21.41	51.31 L	604.61
H	2496+22.44	49.84 L	604.61
I	2496+23.17	51.31 L	604.59
J	2496+21.41	55.31 L	604.59
K	2496+23.13	55.31 L	604.57
L	2496+24.81	55.31 L	604.54
M	2496+24.96	55.73 L	604.51
N	2496+24.09	58.31 L	604.68
O	2496+47.53	54.75 L	604.91
P	2496+47.53	48.74 L	605.00
Q	2496+01.99	50.01 L	(604.45)
R	2496+08.81	43.90 L	605.17
S	2496+12.97	44.38 L	604.86
T	2496+12.97	42.60 L	604.84
U	2496+12.97	41.02 L	604.82
V	2496+16.97	42.07 L	604.80
W	2496+16.97	44.38 L	604.82
X	2496+18.96	44.36 L	604.72
Y	2496+18.75	46.78 L	604.90
Z	2496+13.28	0.00	605.78
AA	2496+19.28	0.00	605.77



	STATION	OFFSET	ELEVATION
A	2496+87.83	60.20 L	(604.67)
B	2496+68.02	59.94 L	(604.03)
C	2496+82.83	53.20 L	604.70
D	2496+82.83	48.20 L	604.75
E	2496+77.83	48.20 L	604.70
F	2496+77.83	53.20 L	604.65
G	2496+74.09	53.20 L	604.46
H	2496+74.09	48.20 L	604.51
I	2496+72.57	47.65 L	604.52
J	2496+72.25	48.20 L	604.49
K	2496+71.56	53.20 L	604.44
L	2496+69.86	53.20 L	604.42
M	2496+69.64	53.79 L	604.40
N	2496+69.98	58.20 L	604.50
O	2496+47.53	54.75 L	604.91
P	2496+47.53	48.74 L	605.00
Q	2496+76.66	44.60 L	604.90
R	2496+77.83	43.25 L	604.87
S	2496+82.83	43.25 L	604.94
T	2496+77.32	41.47 L	604.83
U	2496+77.83	40.96 L	604.85
V	2496+82.83	38.76 L	604.93
W	2496+82.83	36.82 L	604.91
X	2496+83.30	36.50 L	604.94
Y	2496+86.16	36.62 L	605.27
Z	2496+87.13	34.32 L	(605.11)
AA	2496+77.17	0.00	605.66
BB	2496+83.17	0.00	605.68

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-50th01.dgn	USER NAME = jirobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & 50TH AVENUE

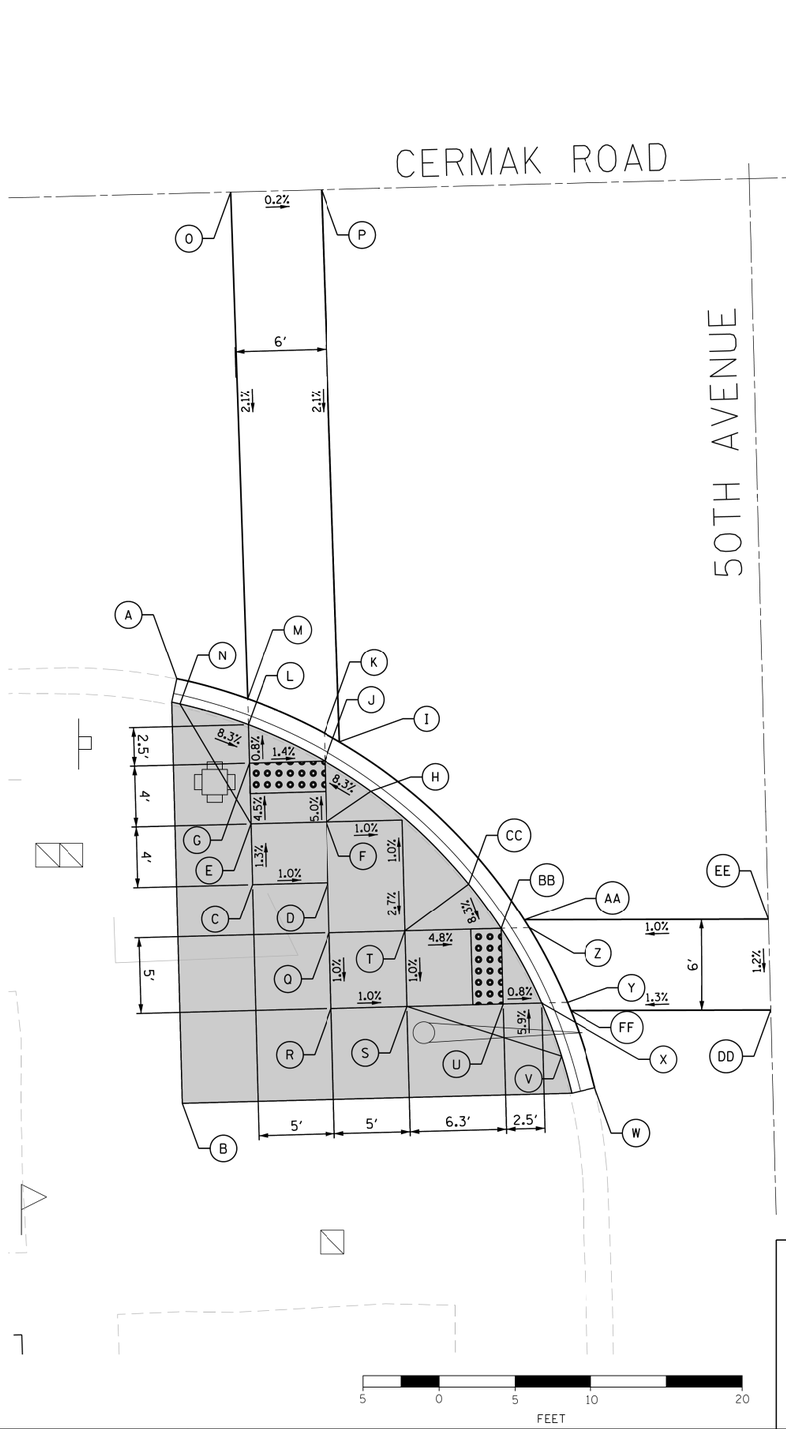
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23W

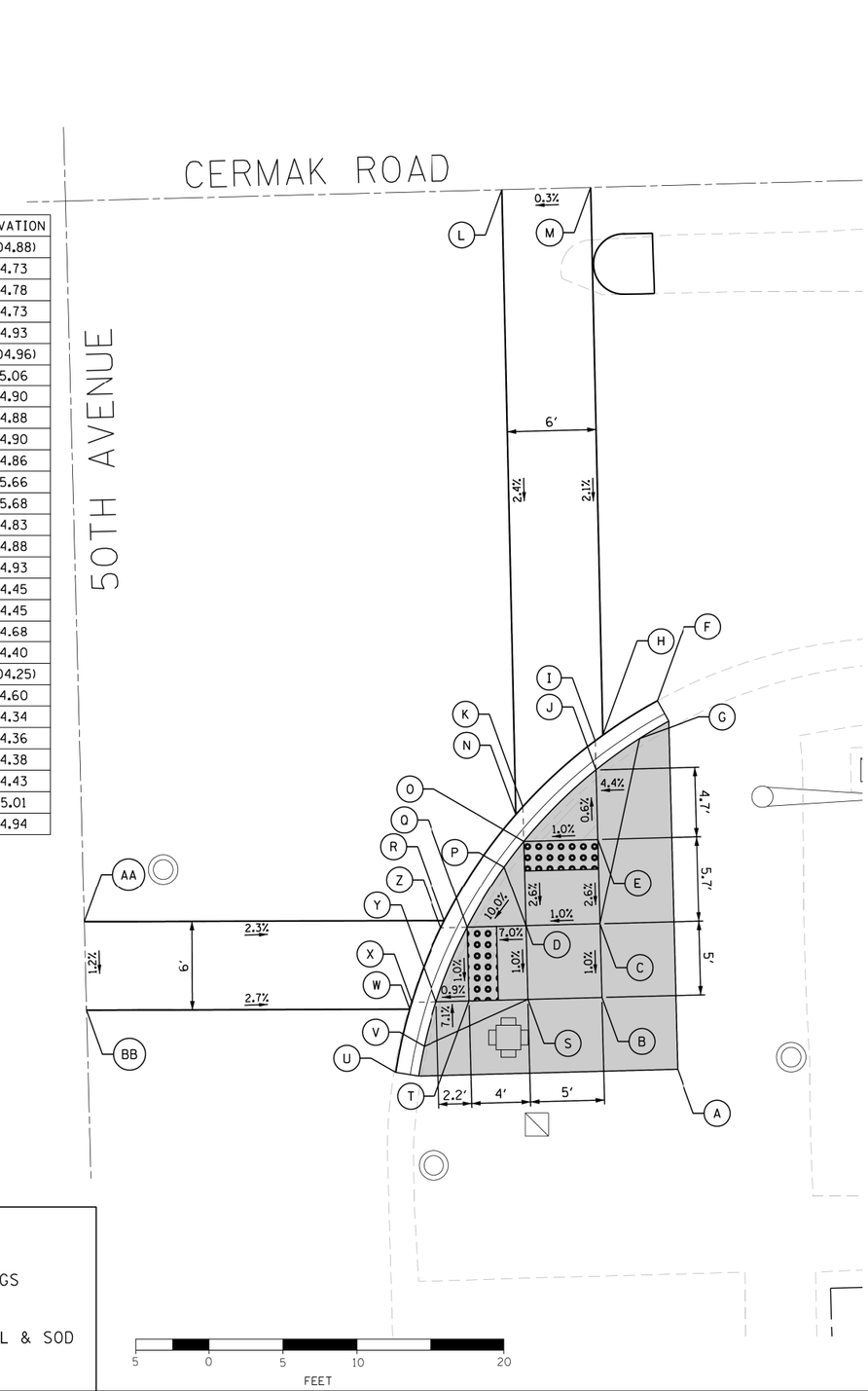
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2496+08.90	31.99 R	(605.11)
B	2496+08.53	60.00 R	(605.03)
C	2496+13.53	45.67 R	605.35
D	2496+18.53	45.67 R	605.30
E	2496+13.53	41.67 R	605.30
F	2496+18.53	41.67 R	605.25
G	2496+13.53	37.67 R	605.12
H	2496+21.53	39.73 R	605.35
I	2496+19.54	36.43 R	605.01
J	2496+18.53	37.67 R	605.05
K	2496+18.53	35.82 R	605.03
L	2496+13.53	35.13 R	605.10
M	2496+13.53	33.43 R	605.08
N	2496+09.07	33.66 R	605.49
O	2496+13.28	0.00	605.78
P	2496+19.28	0.00	605.77
Q	2496+18.53	49.00 R	605.21
R	2496+18.53	54.00 R	605.16
S	2496+23.53	54.00 R	605.11
T	2496+23.53	49.00 R	605.16
U	2496+29.87	54.00 R	604.81
V	2496+33.62	57.54 R	605.01
W	2496+35.78	59.68 R	(604.79)
X	2496+32.40	54.00 R	604.79
Y	2496+34.10	54.00 R	604.77
Z	2496+31.71	49.00 R	604.84
AA	2496+31.40	48.48 R	604.85
BB	2496+29.87	49.00 R	604.86
CC	2496+27.80	46.00 R	605.16
DD	2496+47.53	54.85 R	604.94
EE	2496+47.53	48.85 R	605.01
FF	2496+34.31	54.55 R	604.77



	STATION	OFFSET	ELEVATION
A	2496+87.50	59.89 R	(604.88)
B	2496+82.50	54.89 R	604.73
C	2496+82.50	49.89 R	604.78
D	2496+77.50	49.89 R	604.73
E	2496+82.50	44.14 R	604.93
F	2496+86.78	34.87 R	(604.96)
G	2496+85.50	37.40 R	605.06
H	2496+83.03	37.11 R	604.90
I	2496+82.50	37.47 R	604.88
J	2496+82.50	39.44 R	604.90
K	2496+77.50	41.79 R	604.86
L	2496+77.17	0.00	605.66
M	2496+83.17	0.00	605.68
N	2496+77.01	42.32 R	604.83
O	2496+77.50	44.14 R	604.88
P	2496+76.12	45.85 R	604.93
Q	2496+73.50	49.89 R	604.45
R	2496+71.97	49.41 R	604.45
S	2496+77.50	54.89 R	604.68
T	2496+73.50	54.89 R	604.40
U	2496+68.37	59.60 R	(604.25)
V	2496+70.36	57.89 R	604.60
W	2496+69.44	55.35 R	604.34
X	2496+69.59	54.89 R	604.36
Y	2496+71.27	54.89 R	604.38
Z	2496+71.71	49.89 R	604.43
AA	2496+47.53	48.85 R	605.01
BB	2496+47.53	54.85 R	604.94

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-50th02.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD /22ND STREET & 50TH AVENUE

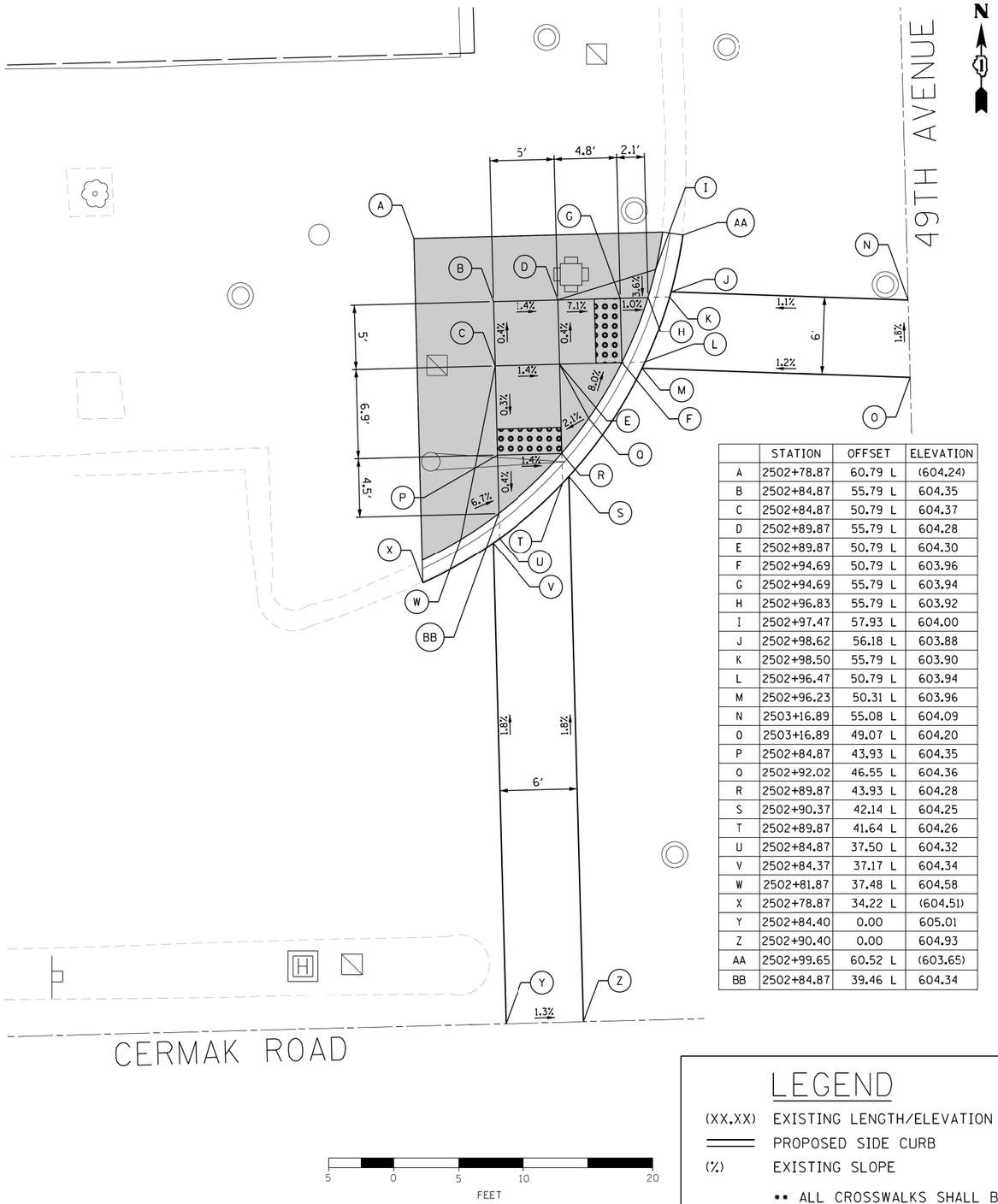
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.AJ.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23X

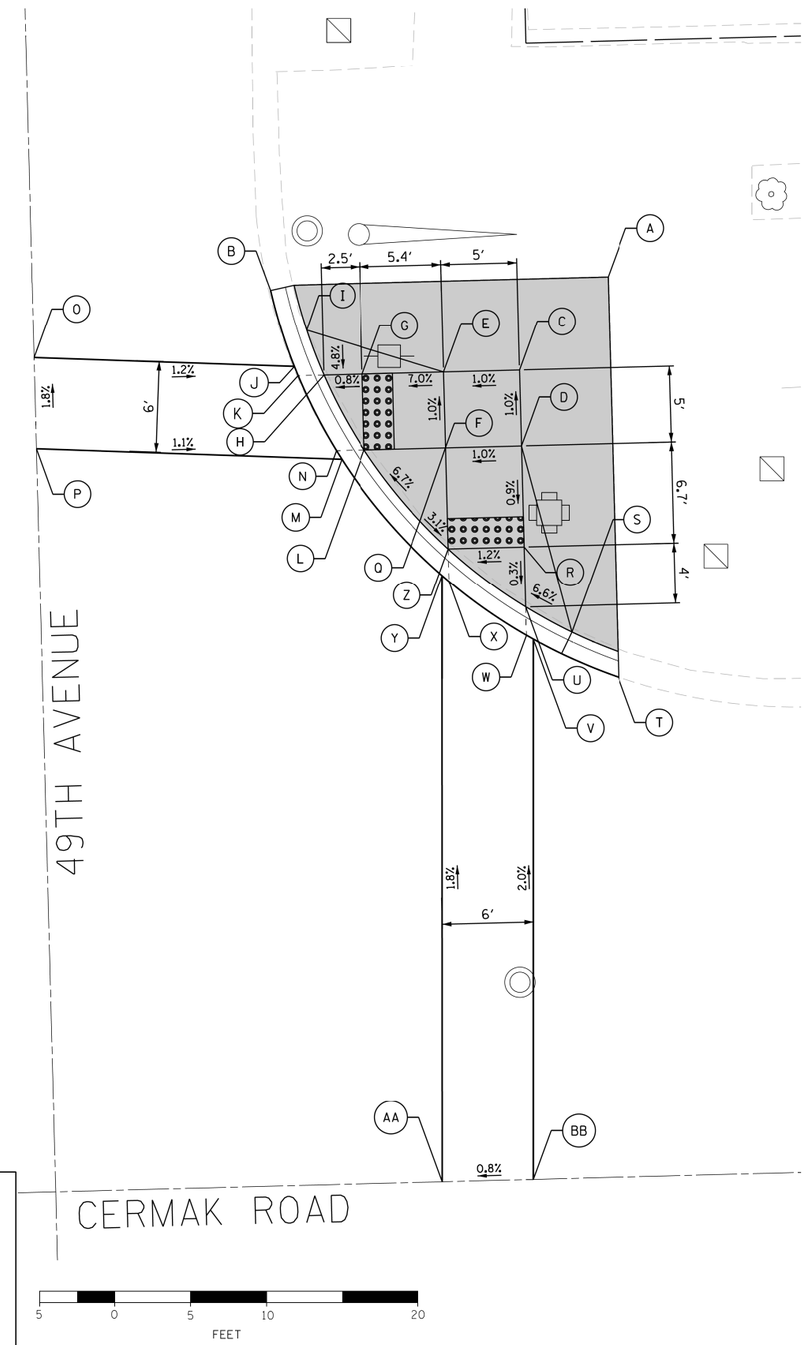
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2502+78.87	60.79 L	(604.24)
B	2502+84.87	55.79 L	604.35
C	2502+84.87	50.79 L	604.37
D	2502+89.87	55.79 L	604.28
E	2502+89.87	50.79 L	604.30
F	2502+94.69	50.79 L	603.96
G	2502+94.69	55.79 L	603.94
H	2502+96.83	55.79 L	603.92
I	2502+97.47	57.93 L	604.00
J	2502+98.62	56.18 L	603.88
K	2502+98.50	55.79 L	603.90
L	2502+96.47	50.79 L	603.94
M	2502+96.23	50.31 L	603.96
N	2503+16.89	55.08 L	604.09
O	2503+16.89	49.07 L	604.20
P	2502+84.87	43.93 L	604.35
Q	2502+92.02	46.55 L	604.36
R	2502+89.87	43.93 L	604.28
S	2502+90.37	42.14 L	604.25
T	2502+89.87	41.64 L	604.26
U	2502+84.87	37.50 L	604.32
V	2502+84.37	37.17 L	604.34
W	2502+81.87	37.48 L	604.58
X	2502+78.87	34.22 L	(604.51)
Y	2502+84.40	0.00	605.01
Z	2502+90.40	0.00	604.93
AA	2502+99.65	60.52 L	(603.65)
BB	2502+84.87	39.46 L	604.34



	STATION	OFFSET	ELEVATION
A	2503+54.92	59.43 L	(604.01)
B	2503+32.62	59.12 L	(603.75)
C	2503+48.92	53.43 L	604.38
D	2503+48.92	48.43 L	604.43
E	2503+43.92	53.43 L	604.33
F	2503+43.92	48.43 L	604.38
G	2503+38.53	53.43 L	603.95
H	2503+35.99	53.43 L	603.93
I	2503+34.93	56.43 L	604.08
J	2503+34.06	54.05 L	603.89
K	2503+34.29	53.43 L	603.91
L	2503+38.53	48.43 L	604.00
M	2503+37.03	47.86 L	604.00
N	2503+36.69	48.43 L	603.98
O	2503+16.89	55.08 L	604.09
P	2503+16.89	49.07 L	604.20
Q	2503+42.10	43.65 L	604.40
R	2503+48.92	41.77 L	604.37
S	2503+51.92	36.07 L	604.59
T	2503+54.92	33.02 L	(604.41)
U	2503+48.92	37.81 L	604.36
V	2503+49.36	35.67 L	604.36
W	2503+48.92	35.94 L	604.34
X	2503+43.92	39.62 L	604.30
Y	2503+43.47	40.02 L	604.28
Z	2503+43.92	41.77 L	604.32
AA	2503+42.44	0.00	605.01
BB	2503+48.44	0.00	605.06

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-49th01.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD / 22ND STREET & 49TH AVENUE

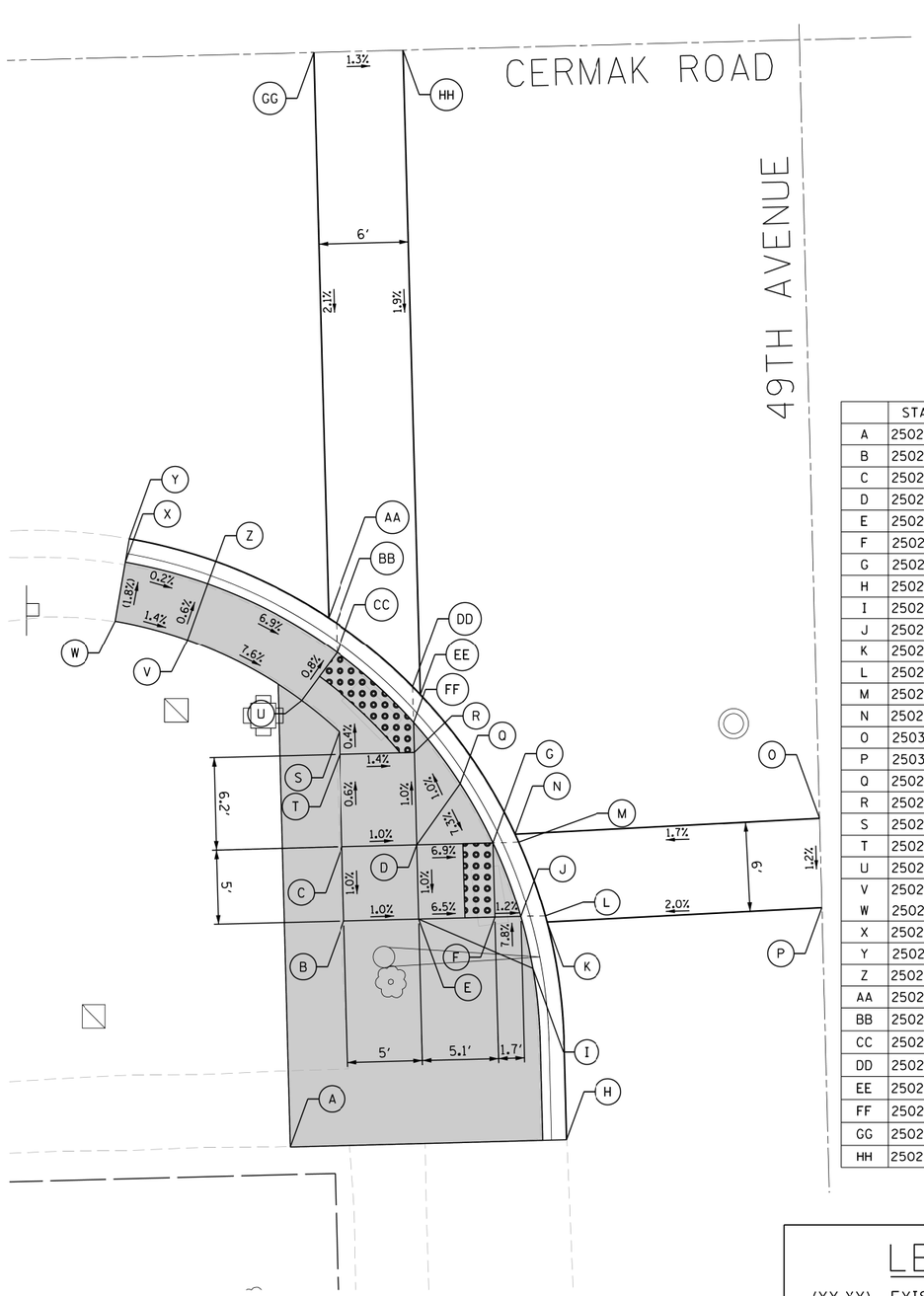
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23Y

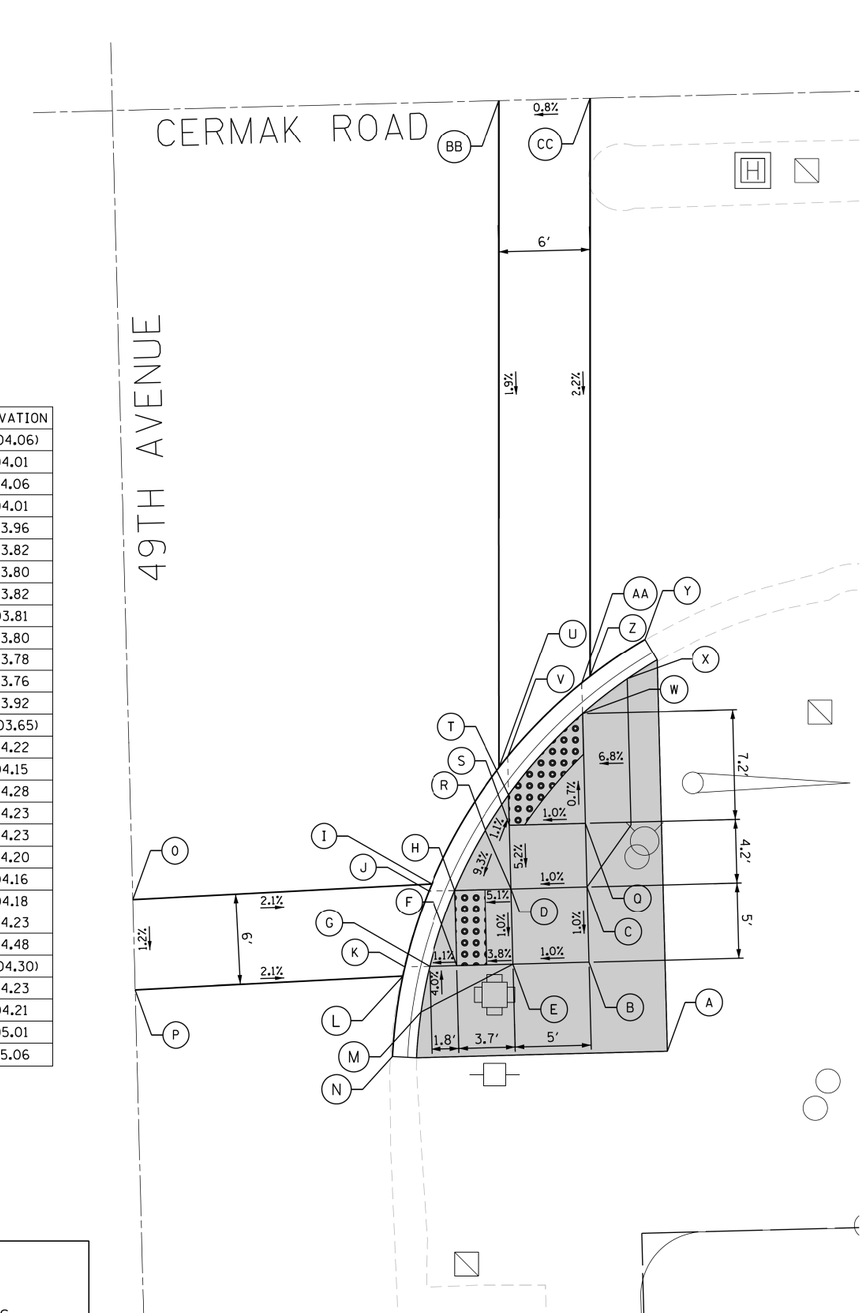
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2502+80.93	73.11 R	(604.39)
B	2502+84.93	58.11 R	604.22
C	2502+84.93	53.11 R	604.27
D	2502+89.93	53.11 R	604.22
E	2502+89.93	58.11 R	604.17
F	2502+95.01	58.11 R	603.84
G	2502+95.01	53.11 R	603.87
H	2502+99.39	73.11 R	(603.22)
I	2502+97.45	61.60 R	604.10
J	2502+96.74	58.11 R	603.82
K	2502+98.47	58.52 R	603.78
L	2502+98.37	58.11 R	603.80
M	2502+96.73	53.11 R	603.85
N	2502+96.50	52.57 R	603.87
O	2503+16.89	52.05 R	604.22
P	2503+16.89	58.05 R	604.15
Q	2502+92.93	49.11 R	604.20
R	2502+89.93	46.95 R	604.16
S	2502+84.93	45.44 R	604.22
T	2502+84.93	46.95 R	604.23
U	2502+82.47	43.29 R	604.27
V	2502+74.96	39.05 R	604.93
W	2502+70.16	37.65 R	(605.00)
X	2502+70.95	33.73 R	(604.91)
Y	2502+71.26	32.18 R	(604.51)
Z	2502+76.40	35.31 R	604.90
AA	2502+84.43	37.80 R	604.22
BB	2502+84.93	38.16 R	604.20
CC	2502+84.93	40.14 R	604.22
DD	2502+89.93	42.56 R	604.13
EE	2502+90.43	43.11 R	604.11
FF	2502+89.93	44.95 R	604.15
GG	2502+84.40	0.00	605.01
HH	2502+90.40	0.00	604.93



LEGEND

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

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-49th02.dgn	USER NAME = jirobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD /22ND STREET & 49TH AVENUE

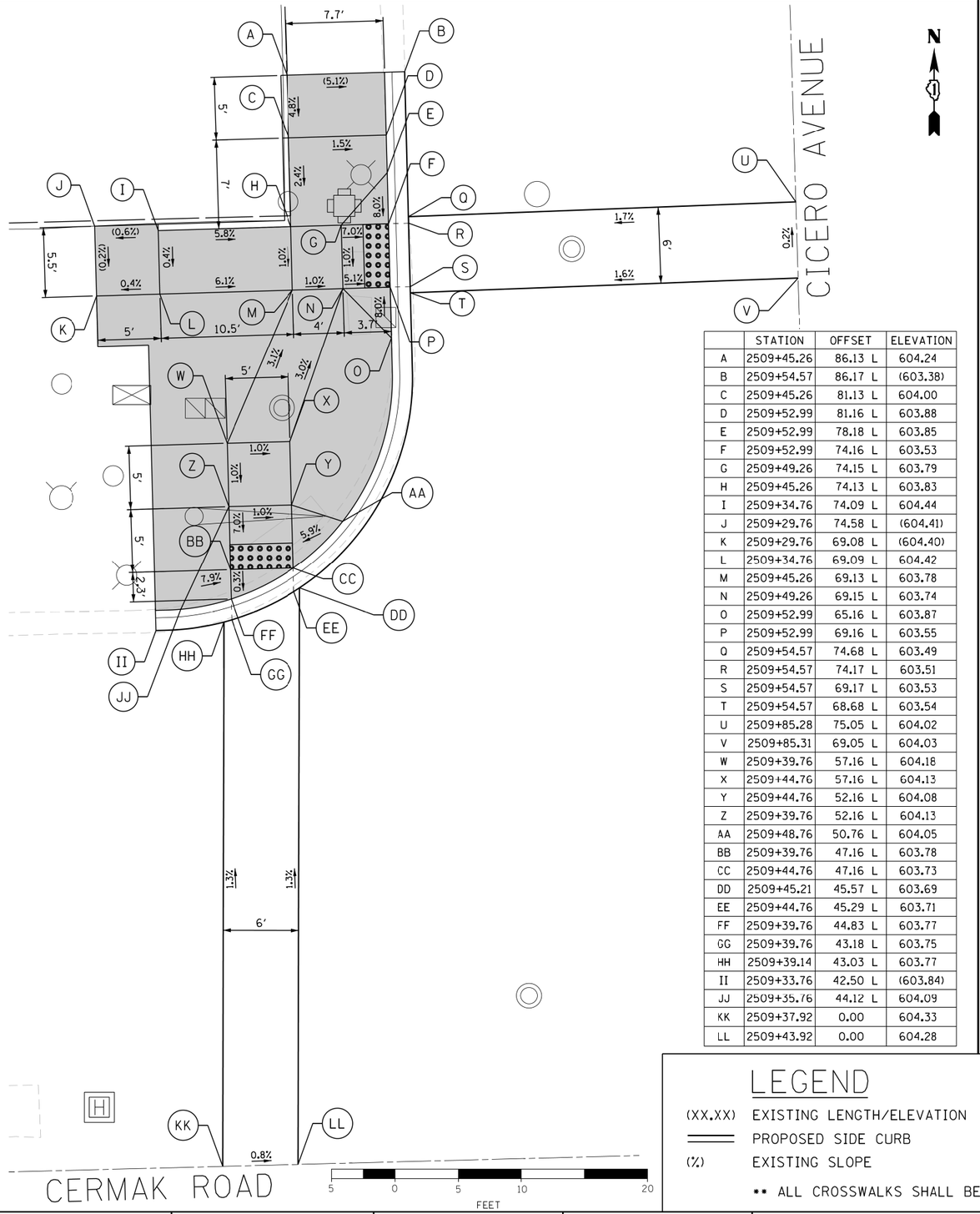
SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	23Z

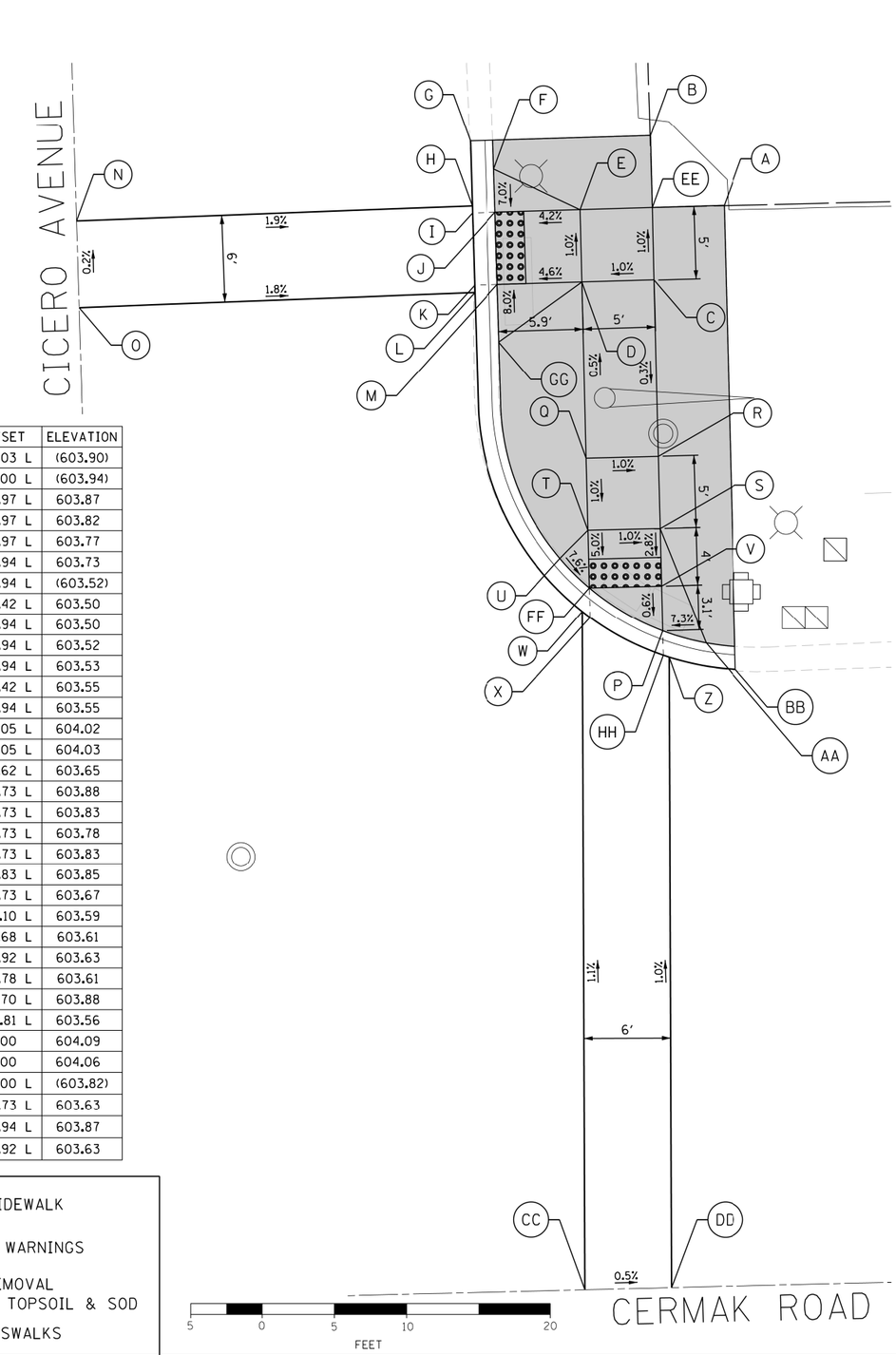
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2509+45.26	86.13 L	604.24
B	2509+54.57	86.17 L	(603.38)
C	2509+45.26	81.13 L	604.00
D	2509+52.99	81.16 L	603.88
E	2509+52.99	78.18 L	603.85
F	2509+52.99	74.16 L	603.53
G	2509+49.26	74.15 L	603.79
H	2509+45.26	74.13 L	603.83
I	2509+34.76	74.09 L	604.44
J	2509+29.76	74.58 L	(604.41)
K	2509+29.76	69.08 L	(604.40)
L	2509+34.76	69.09 L	604.42
M	2509+45.26	69.13 L	603.78
N	2509+49.26	69.15 L	603.74
O	2509+52.99	65.16 L	603.87
P	2509+52.99	69.16 L	603.55
Q	2509+54.57	74.68 L	603.49
R	2509+54.57	74.17 L	603.51
S	2509+54.57	69.17 L	603.53
T	2509+54.57	68.68 L	603.54
U	2509+85.28	75.05 L	604.02
V	2509+85.31	69.05 L	604.03
W	2509+39.76	57.16 L	604.18
X	2509+44.76	57.16 L	604.13
Y	2509+44.76	52.16 L	604.08
Z	2509+39.76	52.16 L	604.13
AA	2509+48.76	50.76 L	604.05
BB	2509+39.76	47.16 L	603.78
CC	2509+44.76	47.16 L	603.73
DD	2509+45.21	45.57 L	603.69
EE	2509+44.76	45.29 L	603.71
FF	2509+39.76	44.83 L	603.77
GG	2509+39.76	43.18 L	603.75
HH	2509+39.14	43.03 L	603.77
II	2509+33.76	42.50 L	(603.84)
JJ	2509+35.76	44.12 L	604.09
KK	2509+37.92	0.00	604.33
LL	2509+43.92	0.00	604.28



	STATION	OFFSET	ELEVATION
A	2510+30.18	75.03 L	(603.90)
B	2510+25.18	80.00 L	(603.94)
C	2510+25.18	69.97 L	603.87
D	2510+20.18	69.97 L	603.82
E	2510+20.18	74.97 L	603.77
F	2510+14.25	77.94 L	603.73
G	2510+12.66	79.94 L	(603.52)
H	2510+12.68	75.42 L	603.50
I	2510+12.69	74.94 L	603.50
J	2510+14.27	74.94 L	603.52
K	2510+12.71	69.94 L	603.53
L	2510+12.71	69.42 L	603.55
M	2510+14.29	69.94 L	603.55
N	2509+85.28	75.05 L	604.02
O	2509+85.31	69.05 L	604.03
P	2510+25.18	45.62 L	603.65
Q	2510+20.18	57.73 L	603.88
R	2510+25.18	57.73 L	603.83
S	2510+25.18	52.73 L	603.78
T	2510+20.18	52.73 L	603.83
U	2510+18.18	50.83 L	603.85
V	2510+25.18	48.73 L	603.67
W	2510+19.65	47.10 L	603.59
X	2510+20.19	46.68 L	603.61
Y	2510+25.19	43.92 L	603.63
Z	2510+25.58	43.78 L	603.61
AA	2510+28.18	44.70 L	603.88
BB	2510+30.18	42.81 L	603.56
CC	2510+18.68	0.00	604.09
DD	2510+24.68	0.00	604.06
EE	2510+25.18	75.00 L	(603.82)
FF	2510+20.18	48.73 L	603.63
GG	2510+14.31	65.94 L	603.87
HH	2510+25.19	43.92 L	603.63

LEGEND

(XX.XX) EXISTING LENGTH/ELEVATION

PROPOSED SIDE CURB

(%) EXISTING SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/ TOPSOIL & SOD

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

FILE NAME = 95212_Cermak-sht-Cicero01.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

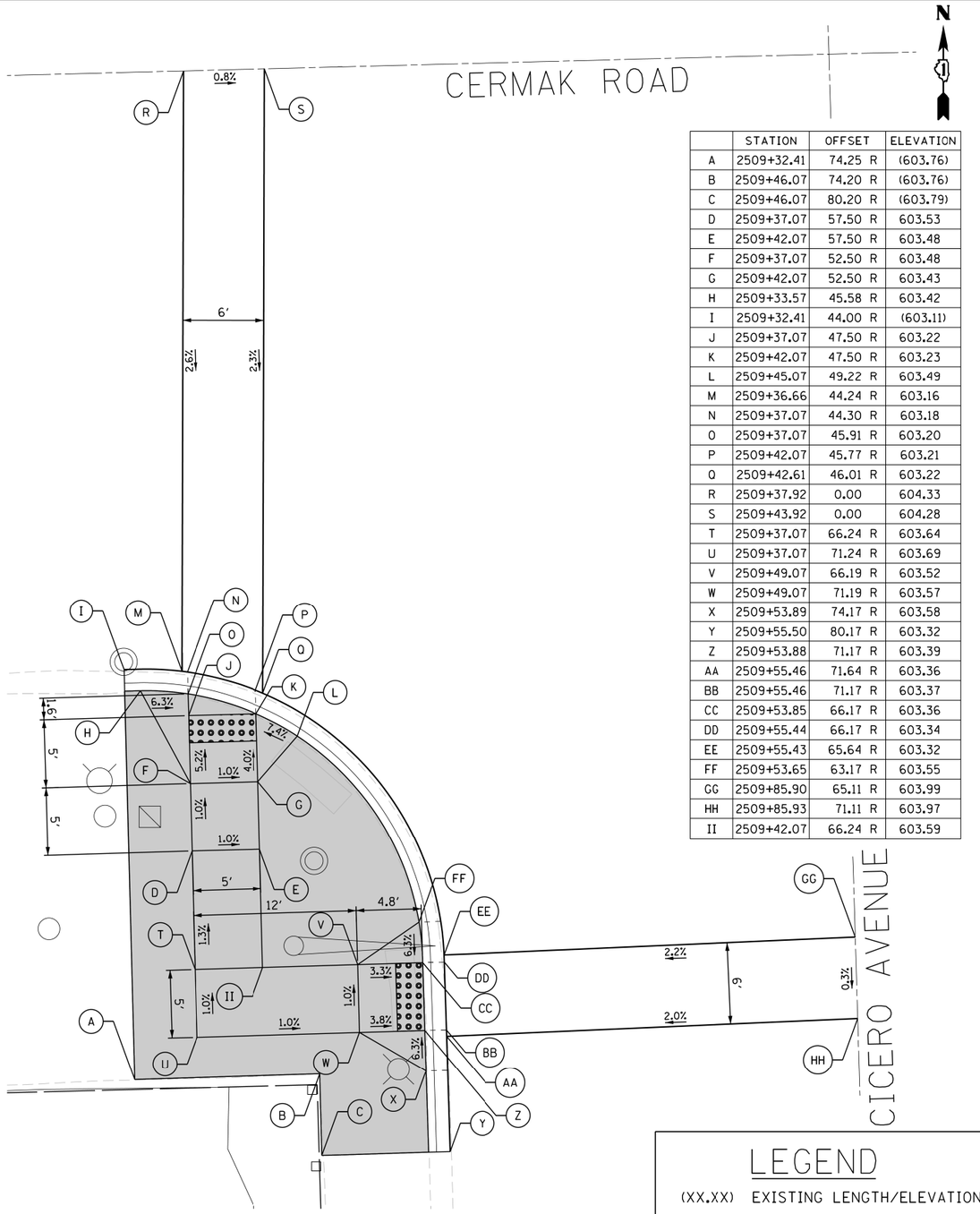
SMART CORRIDOR
CERMAK ROAD / 22ND STREET & CICERO AVENUE (IL-50)

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

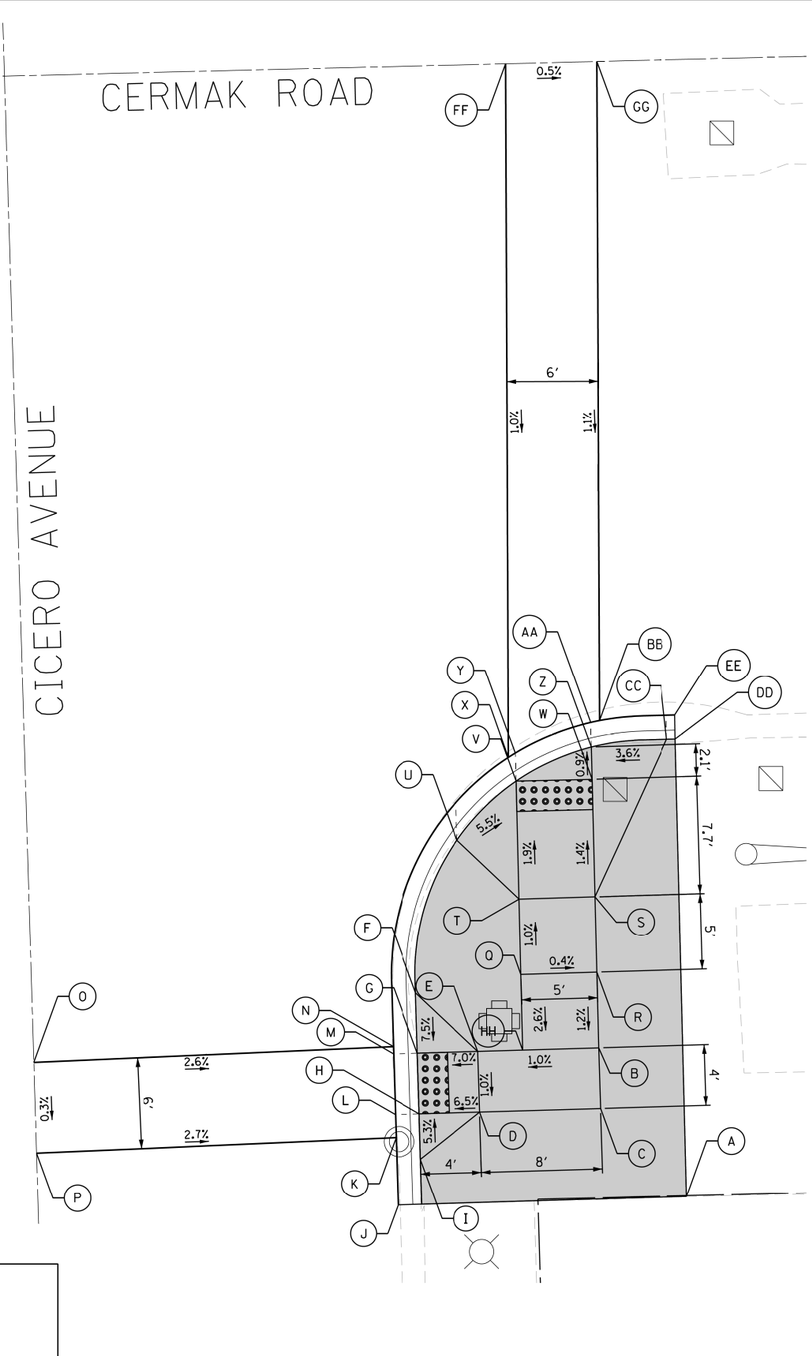
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	24
		CONTRACT NO. 62F74		

ILLINOIS FED. AID PROJECT

ADA DETAILS FOR PHASE 1 PROJECTS



	STATION	OFFSET	ELEVATION
A	2509+32.41	74.25 R	(603.76)
B	2509+46.07	74.20 R	(603.76)
C	2509+46.07	80.20 R	(603.79)
D	2509+37.07	57.50 R	603.53
E	2509+42.07	57.50 R	603.48
F	2509+37.07	52.50 R	603.48
G	2509+42.07	52.50 R	603.43
H	2509+33.57	45.58 R	603.42
I	2509+32.41	44.00 R	(603.11)
J	2509+37.07	47.50 R	603.22
K	2509+42.07	47.50 R	603.23
L	2509+45.07	49.22 R	603.49
M	2509+36.66	44.24 R	603.16
N	2509+37.07	44.30 R	603.18
O	2509+37.07	45.91 R	603.20
P	2509+42.07	45.77 R	603.21
Q	2509+42.61	46.01 R	603.22
R	2509+37.92	0.00	604.33
S	2509+43.92	0.00	604.28
T	2509+37.07	66.24 R	603.64
U	2509+37.07	71.24 R	603.69
V	2509+49.07	66.19 R	603.52
W	2509+49.07	71.19 R	603.57
X	2509+53.89	74.17 R	603.58
Y	2509+55.50	80.17 R	603.32
Z	2509+53.88	71.17 R	603.39
AA	2509+55.46	71.64 R	603.36
BB	2509+55.46	71.17 R	603.37
CC	2509+53.85	66.17 R	603.36
DD	2509+55.44	66.17 R	603.34
EE	2509+55.43	65.64 R	603.32
FF	2509+53.65	63.17 R	603.55
GG	2509+85.90	65.11 R	603.99
HH	2509+85.93	71.11 R	603.97
II	2509+42.07	66.24 R	603.59



LEGEND

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

** ALL CROSSWALKS SHALL BE HIGH VISIBILITY CROSSWALKS

5 0 5 10 20
FEET

FILE NAME = 95212_Cermak-sht-Cicero02.dgn	USER NAME = jrobinson	DESIGNED - KBH	REVISED -
		DRAWN - KBH	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - JIR	REVISED -
Default	PLOT DATE = 3/26/2018	DATE - 1/24/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SMART CORRIDOR
CERMAK ROAD /22ND STREET & CICERO AVENUE (IL-50)

SCALE: 1" = 5' | SHEET OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	24A

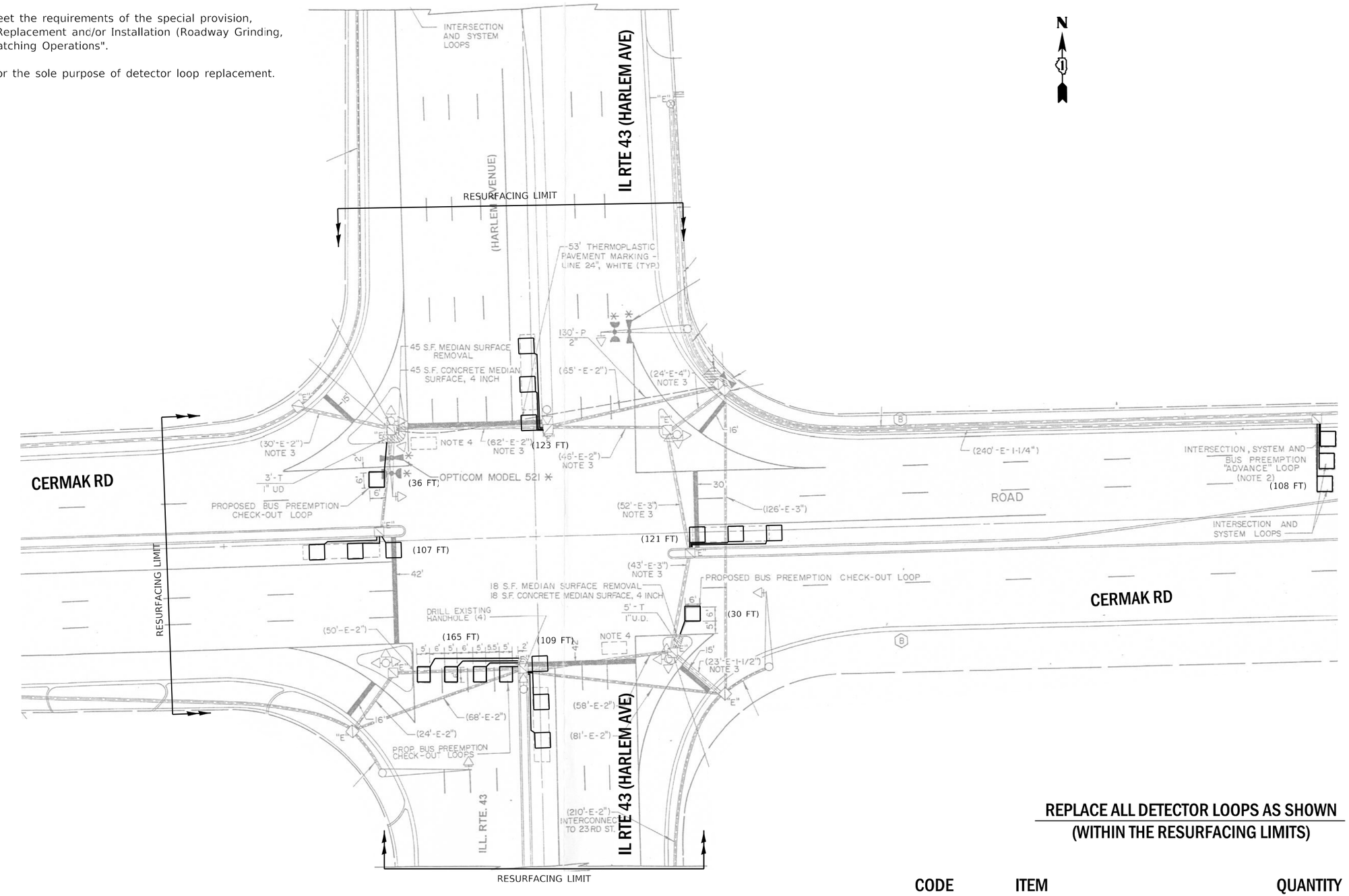
CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

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	799	FOOT

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS2280 - CERMAK RD AT HARLEM AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 12/04/2017	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT IL RTE 43 (HARLEM AVE)

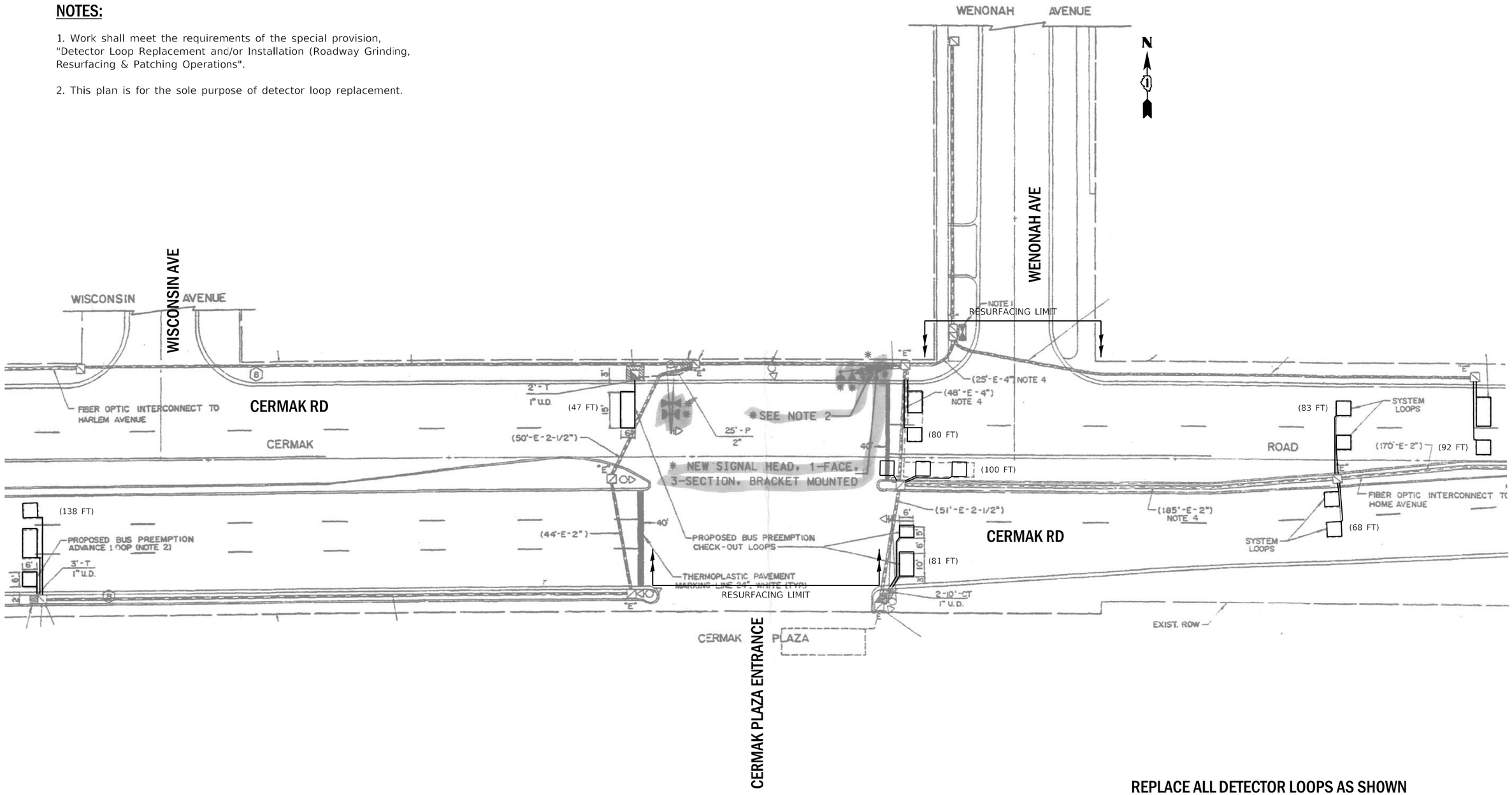
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	25
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		

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	689	FOOT

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4795 - CERMAK RD AT CERMAK PLAZA-WENONAH AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT WENONAH AVE /CERMAK PLAZA ENTRANCE

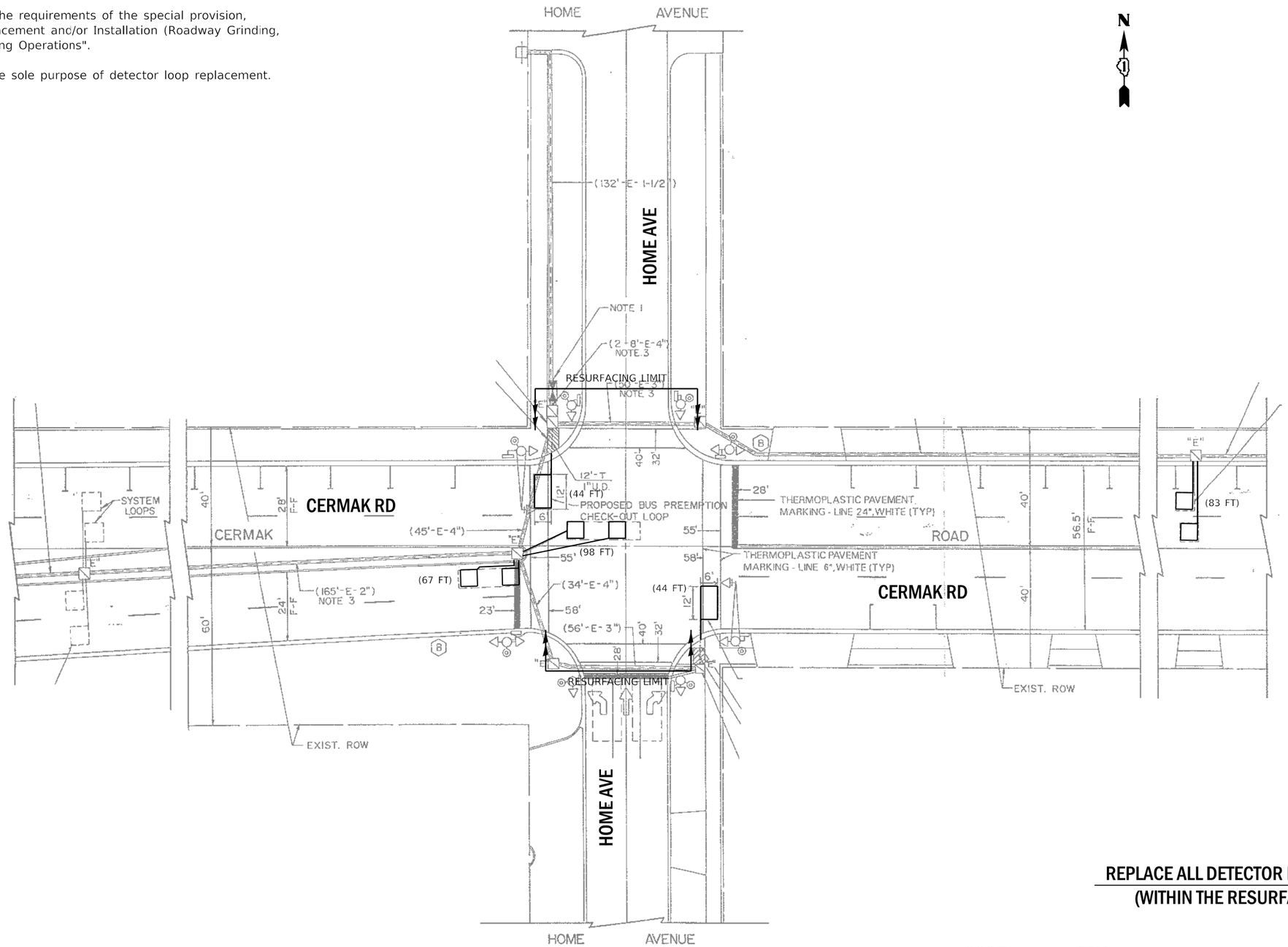
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	26
		CONTRACT NO. 62F74		
	ILLINOIS	FED. AID PROJECT		

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	336	FOOT

MODEL: Default
FILE NAME: S:\WPDesignBS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4810 - CERMAK RD AT HOME AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT HOME AVE

SCALE: | SHEET OF SHEETS | STA. TO STA.

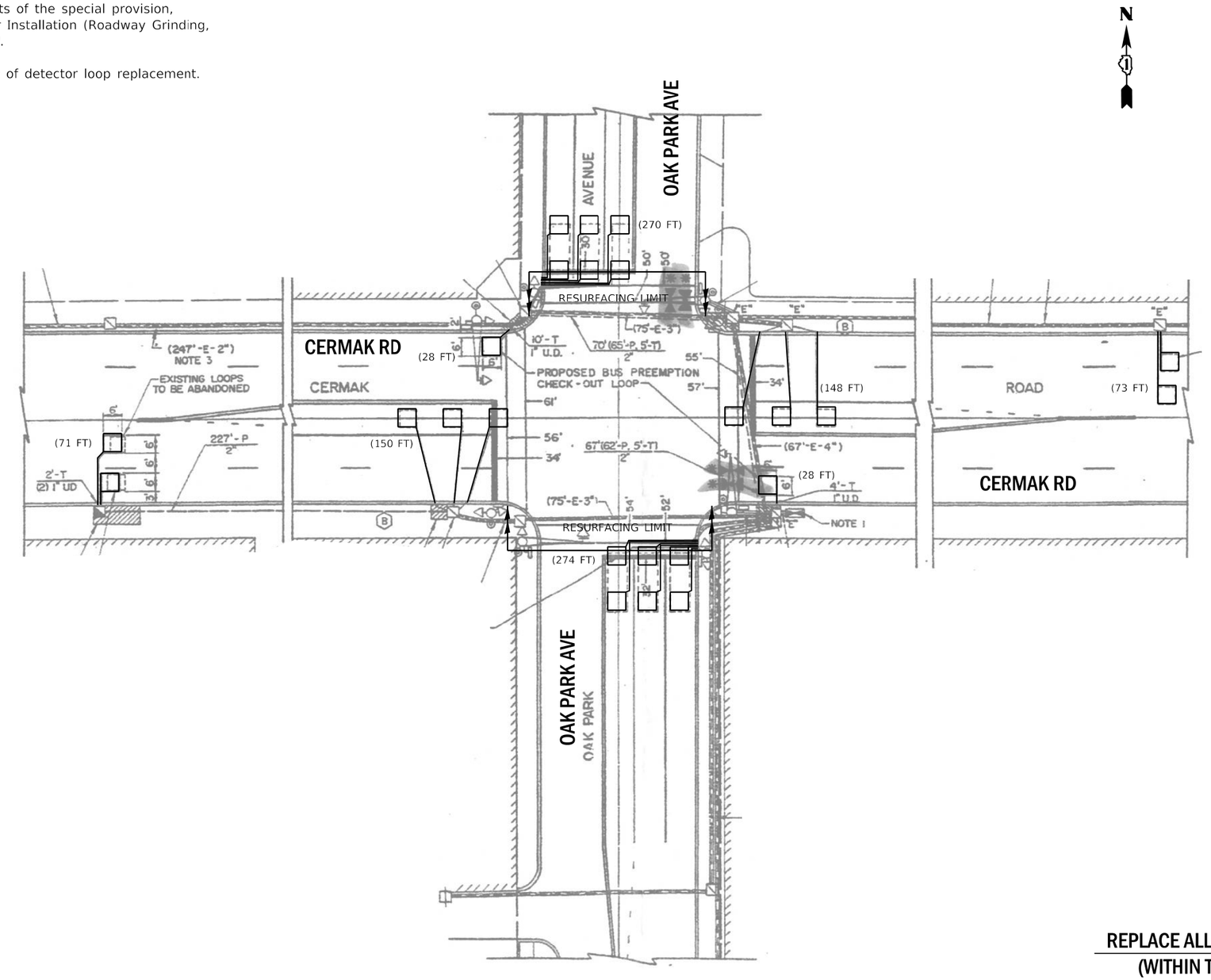
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	27

CONTRACT NO. 62F74
ILLINOIS | FED. AID PROJECT

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	1042	FOOT

MODEL: Default
FILE NAME: S:\WhDesign\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4830 - CERMAK RD AT OAK PARK AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT OAK PARK AVE

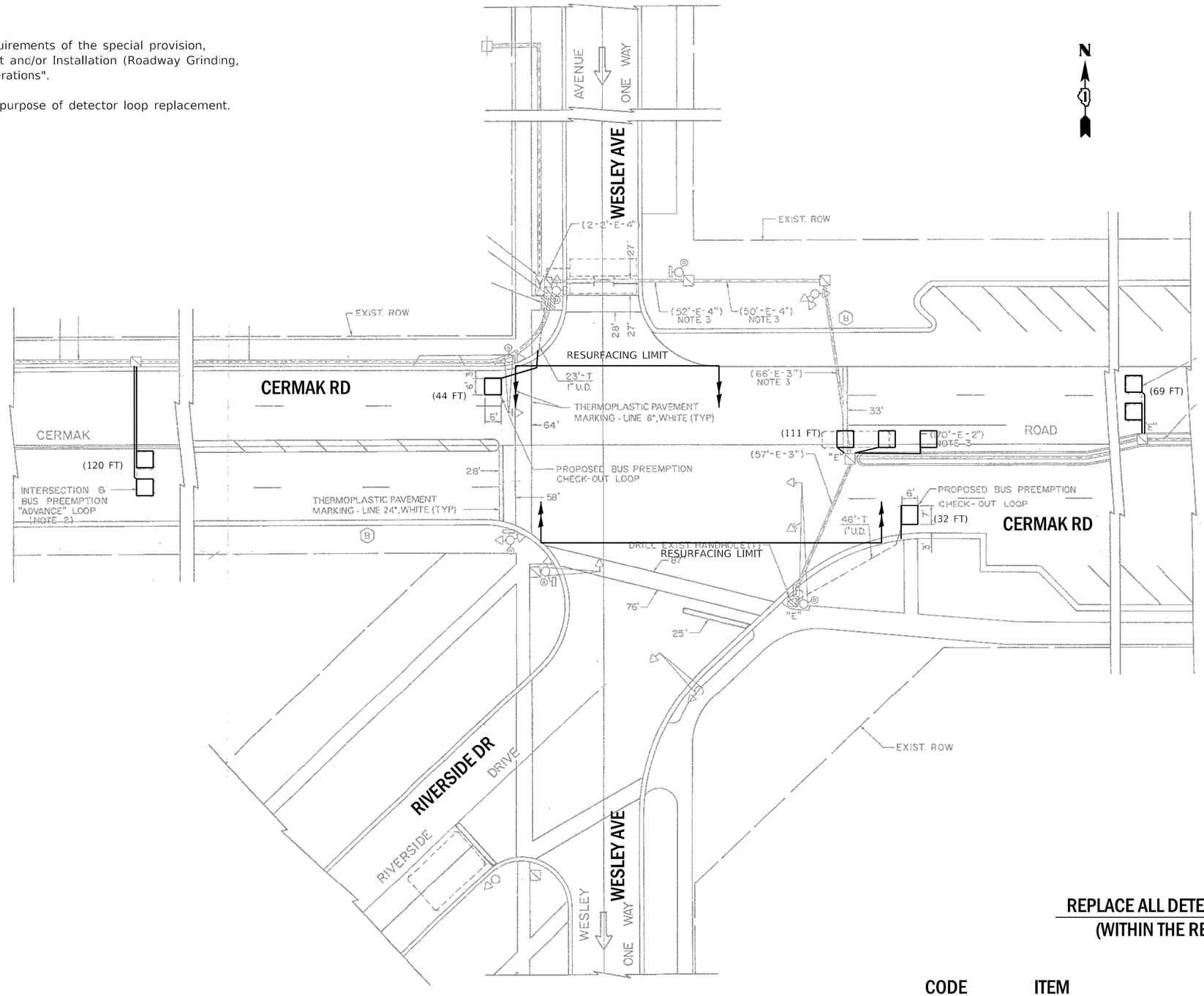
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	28
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		

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	376	FOOT

MODEL: Default
FILE NAME: S:\IPI\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4840 - CERMAK RD AT WESLEY AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT WESLEY AVE

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	29

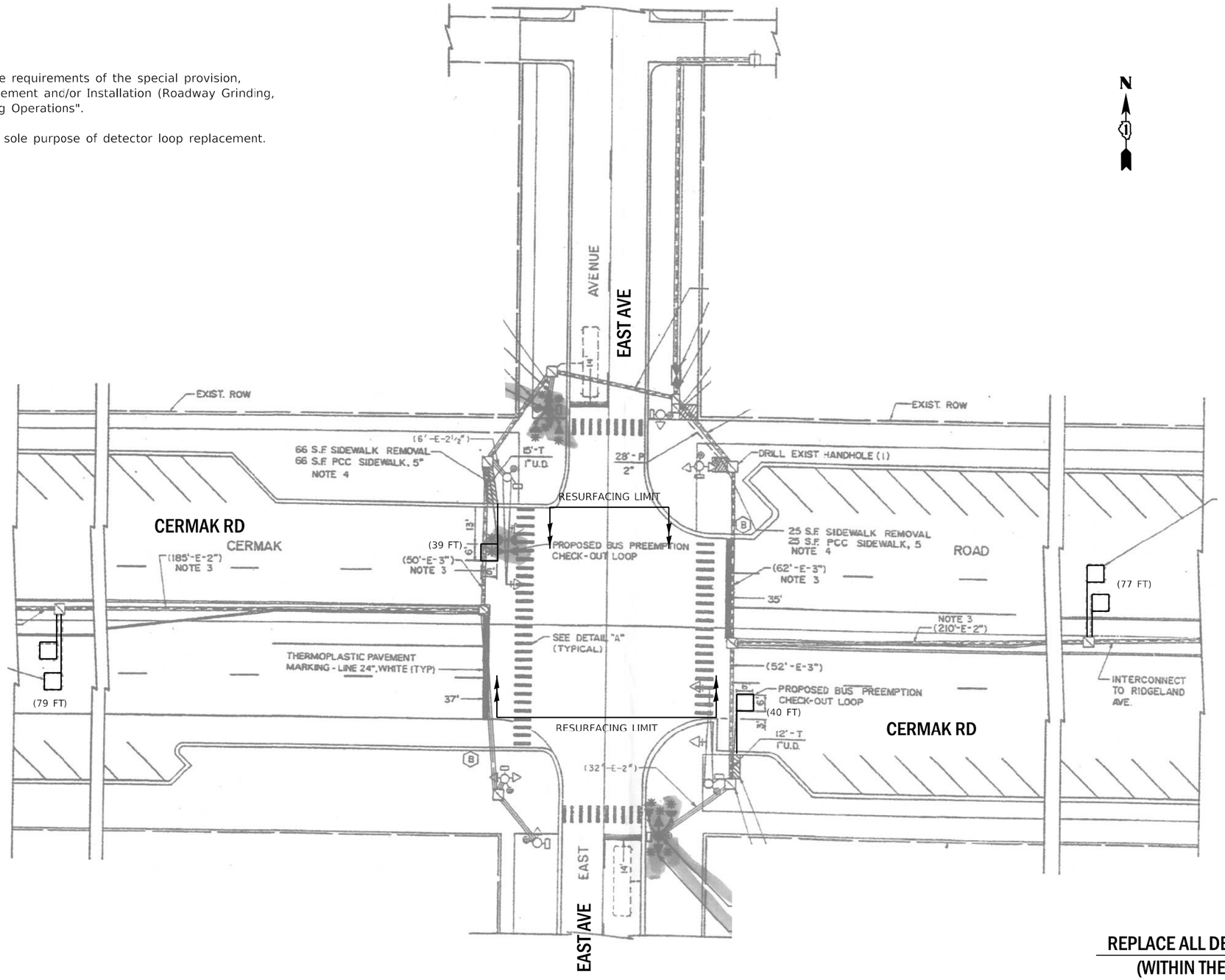
CONTRACT NO. 62F74

ILLINOIS | FED. AID PROJECT

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	235	FOOT

MODEL: Default
FILE NAME: S:\IPI\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL-43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4805 - CERMAK RD AT EAST AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT EAST AVE

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	30

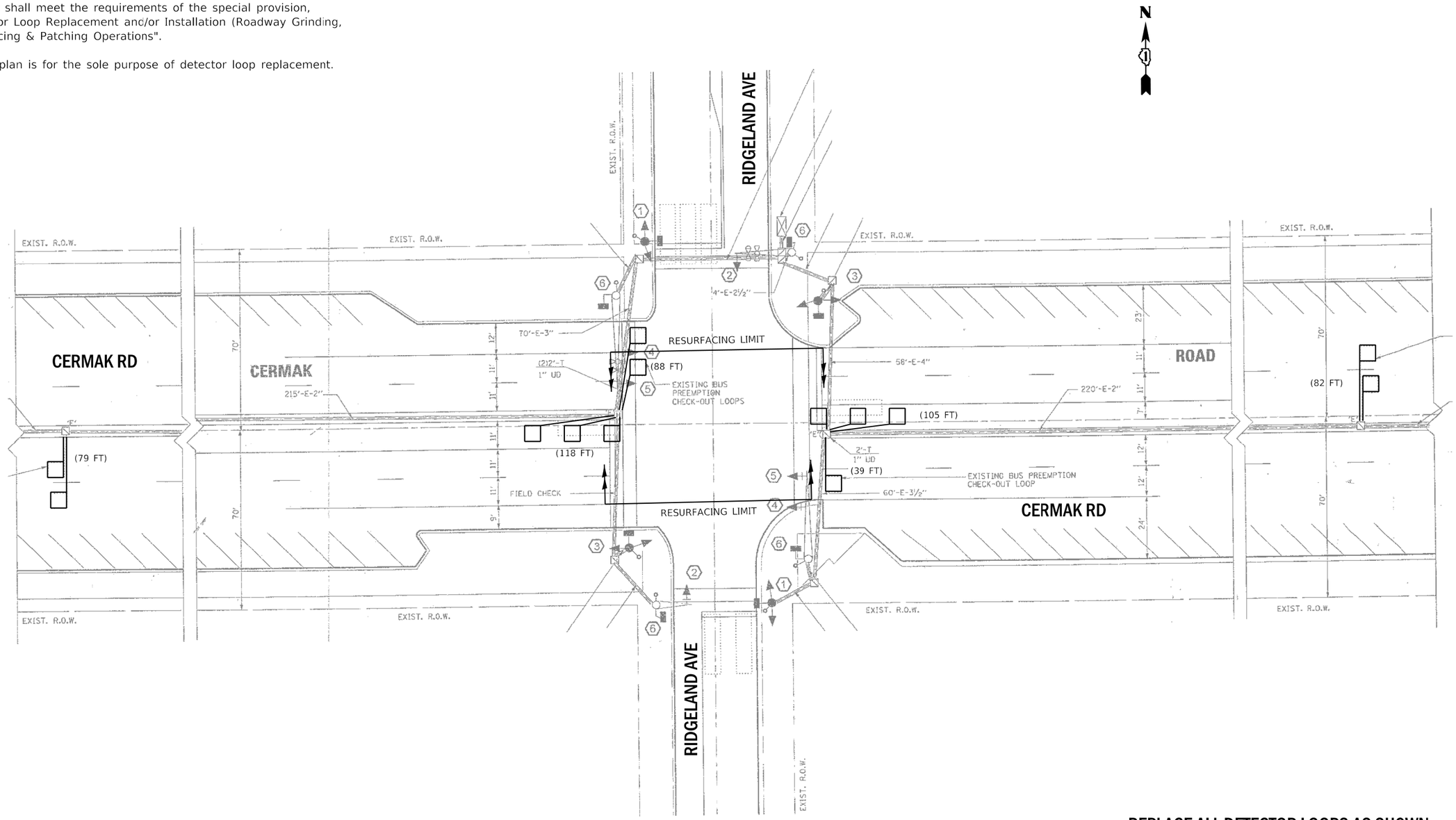
CONTRACT NO. 62F74

ILLINOIS | FED. AID PROJECT

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	511	FOOT

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4835 - CERMAK RD AT RIDGELAND AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT RIDGELAND AVE

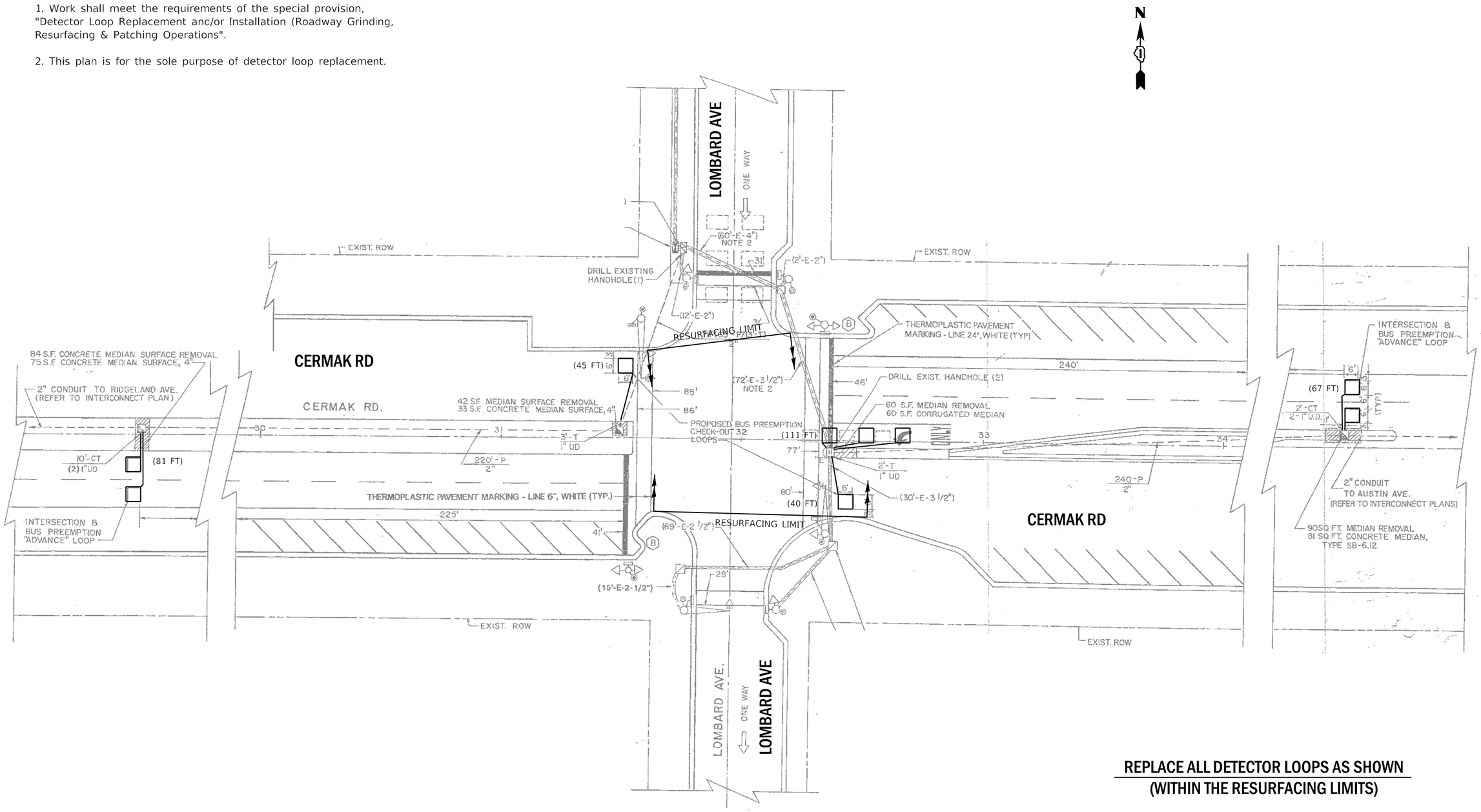
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	31
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		

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	344	FOOT

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT LOMBARD AVE

SCALE: SHEET OF SHEETS STA. TO STA.

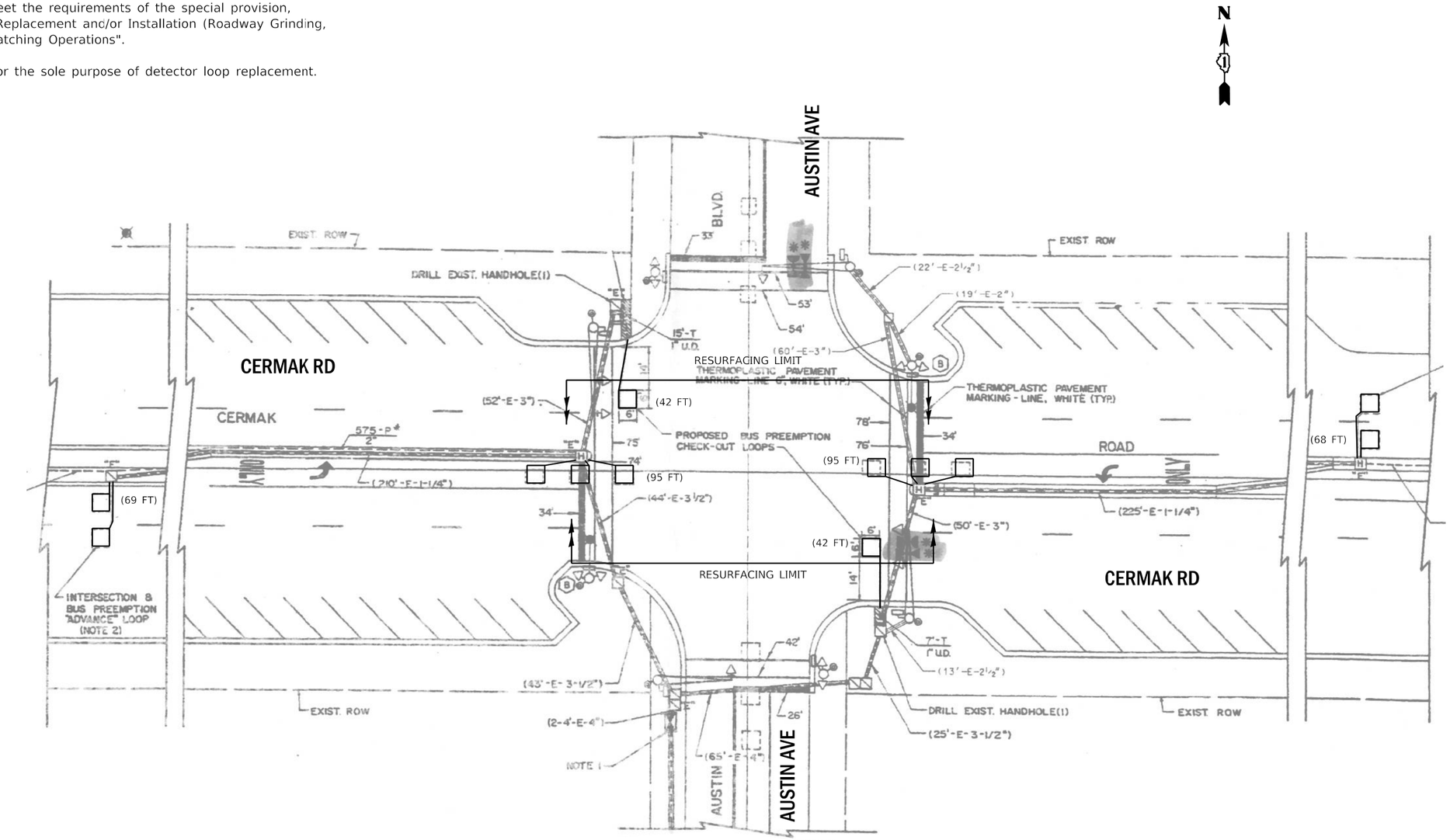
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	32
		CONTRACT NO. 62F74		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4815 - CERMAK RD AT LOMBARD AVE 02222018.dgn

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	411	FOOT

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4785 - CERMAK RD AT AUSTIN AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/22/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT AUSTIN AVE

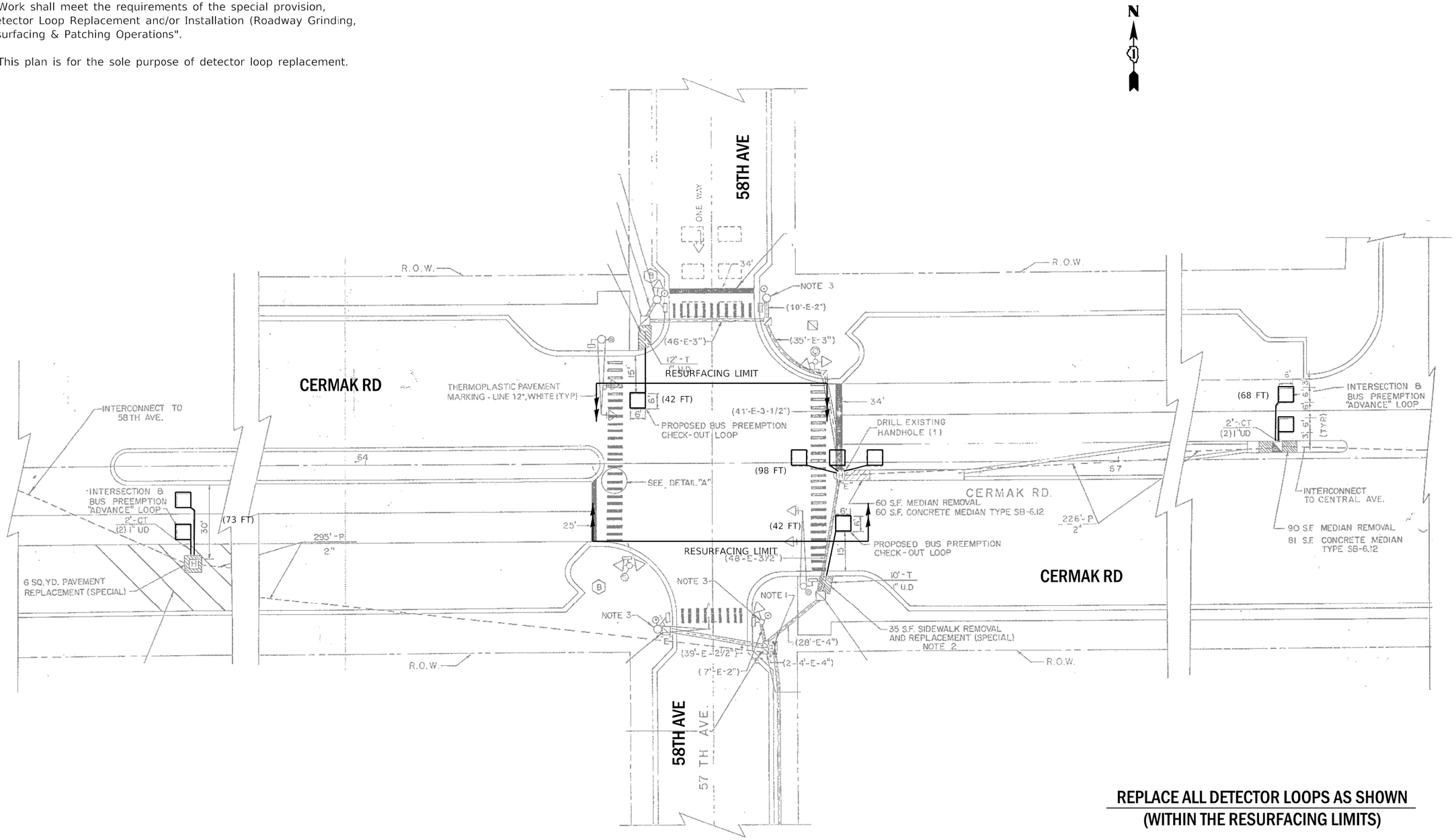
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	33
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		

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	323	FOOT

MODEL: Default
FILE NAME: S:\WPNDesignBS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4780 - CERMAK RD AT 58TH AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT 58TH AVE

SCALE: | SHEET OF SHEETS | STA. TO STA.

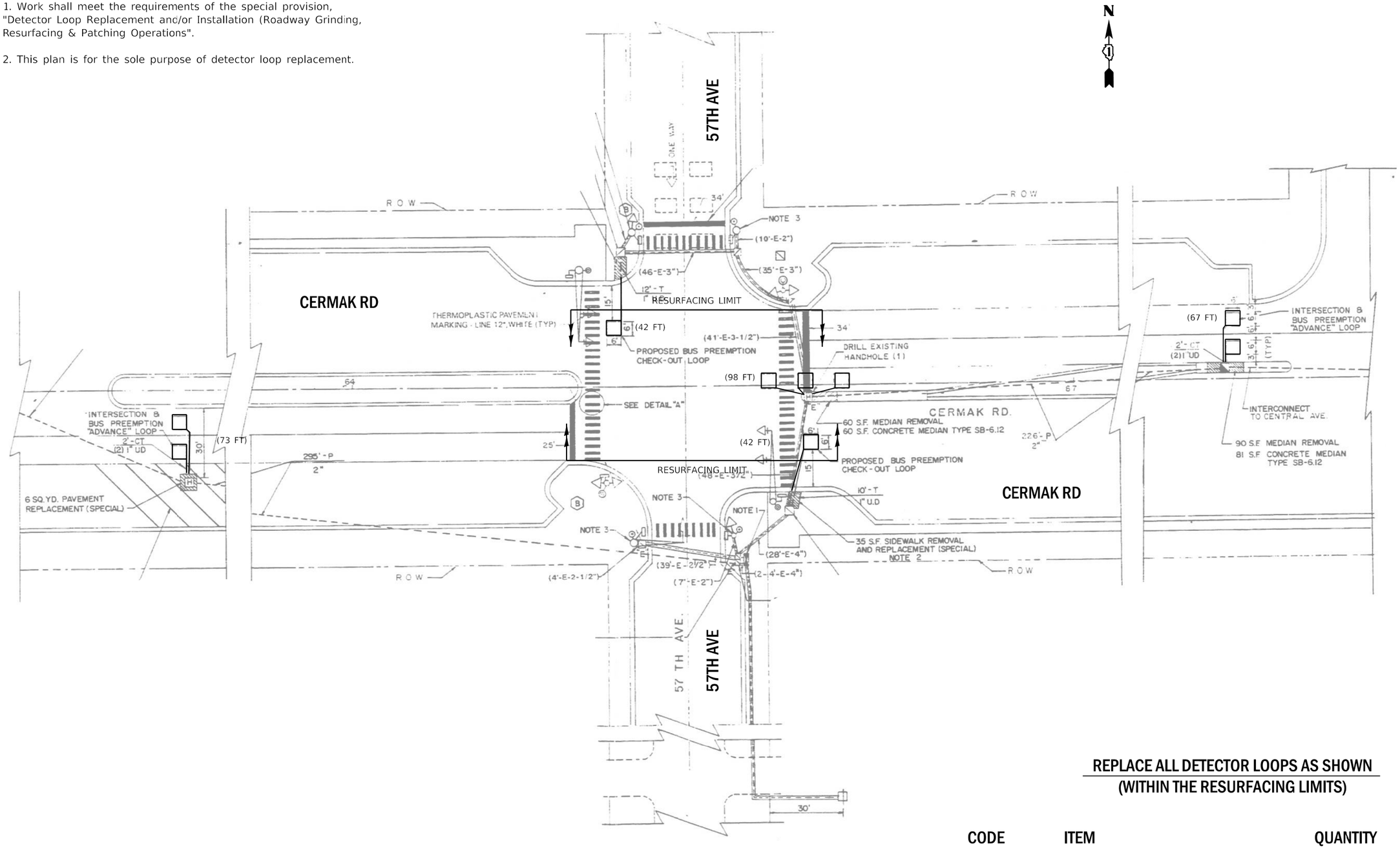
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	34

CONTRACT NO. 62F74
ILLINOIS | FED. AID PROJECT

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	322	FOOT

MODEL: Default
FILE NAME: S:\IP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4775 - CERMAK RD AT 57TH AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT 57TH AVE

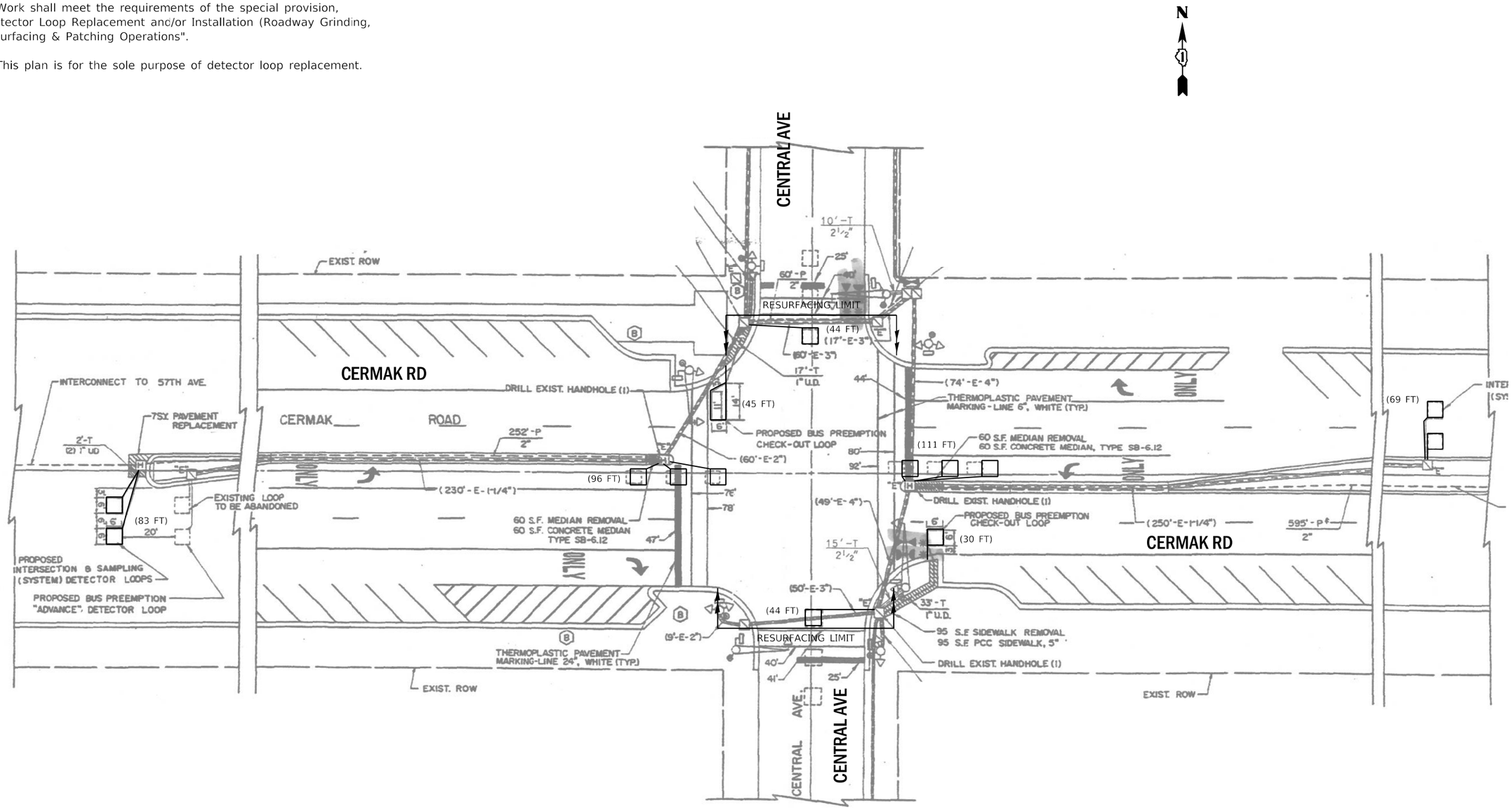
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	35
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		

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	522	FOOT

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS4790 - CERMAK RD AT CENTRAL AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT CENTRAL AVE

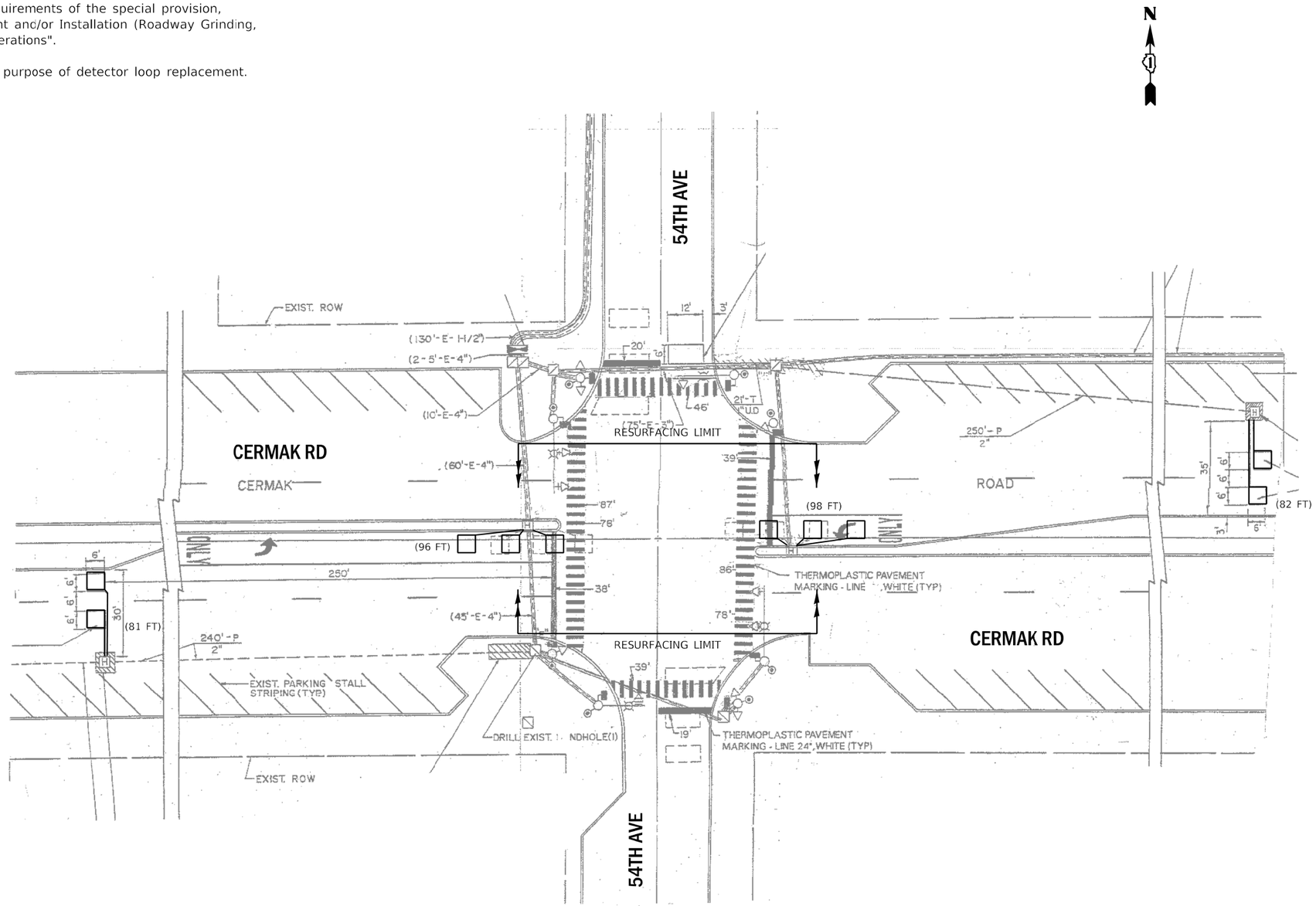
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	36
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		

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	357	FOOT

MODEL: Default
FILE NAME: S:\IP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS12790 - CERMAK RD AT 54TH AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT 54TH AVE

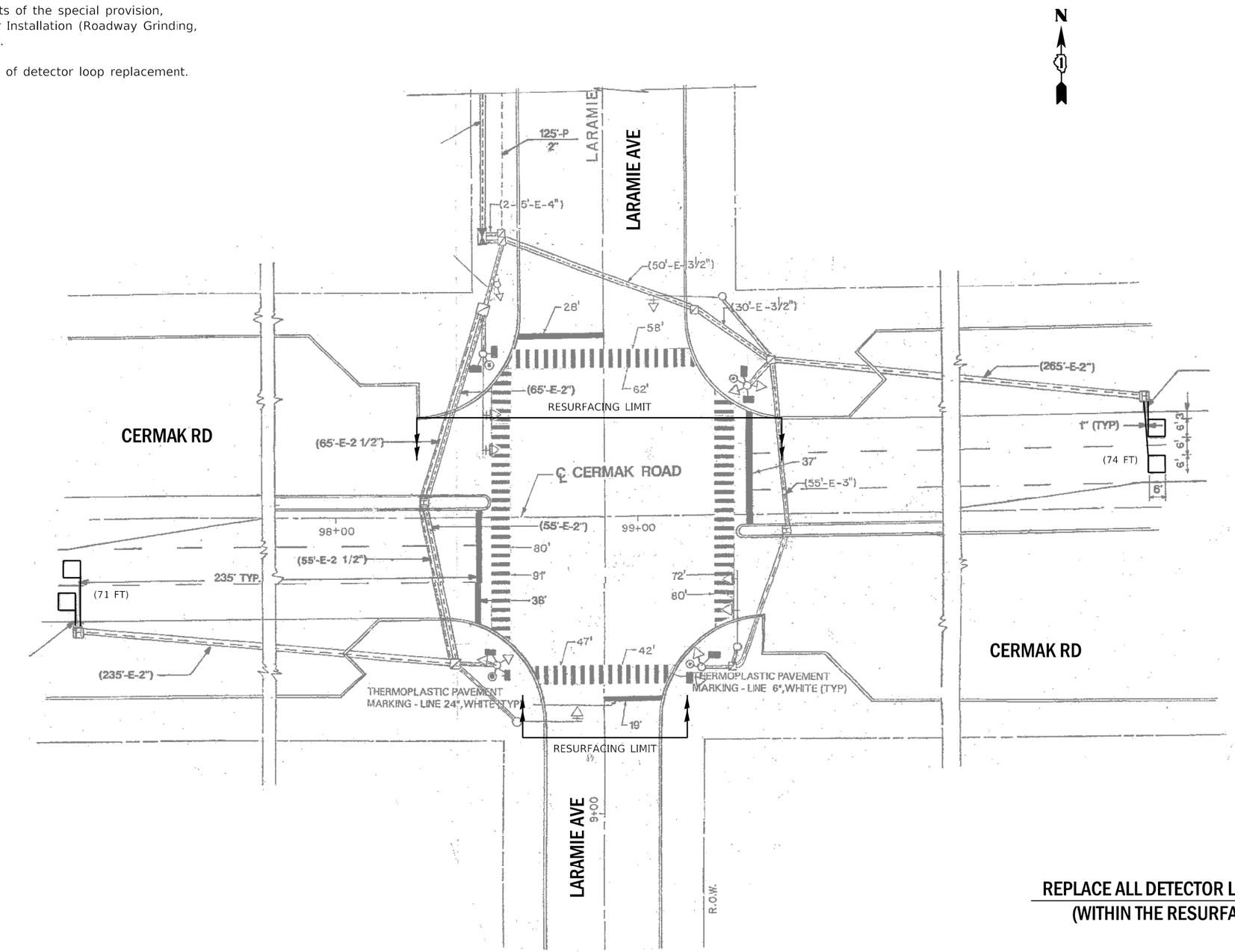
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	37
		CONTRACT NO. 62F74		
	ILLINOIS	FED. AID PROJECT		

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	145	FOOT

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS12785 - CERMAK RD AT LARAMIE AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT LARAMIE AVE

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	38

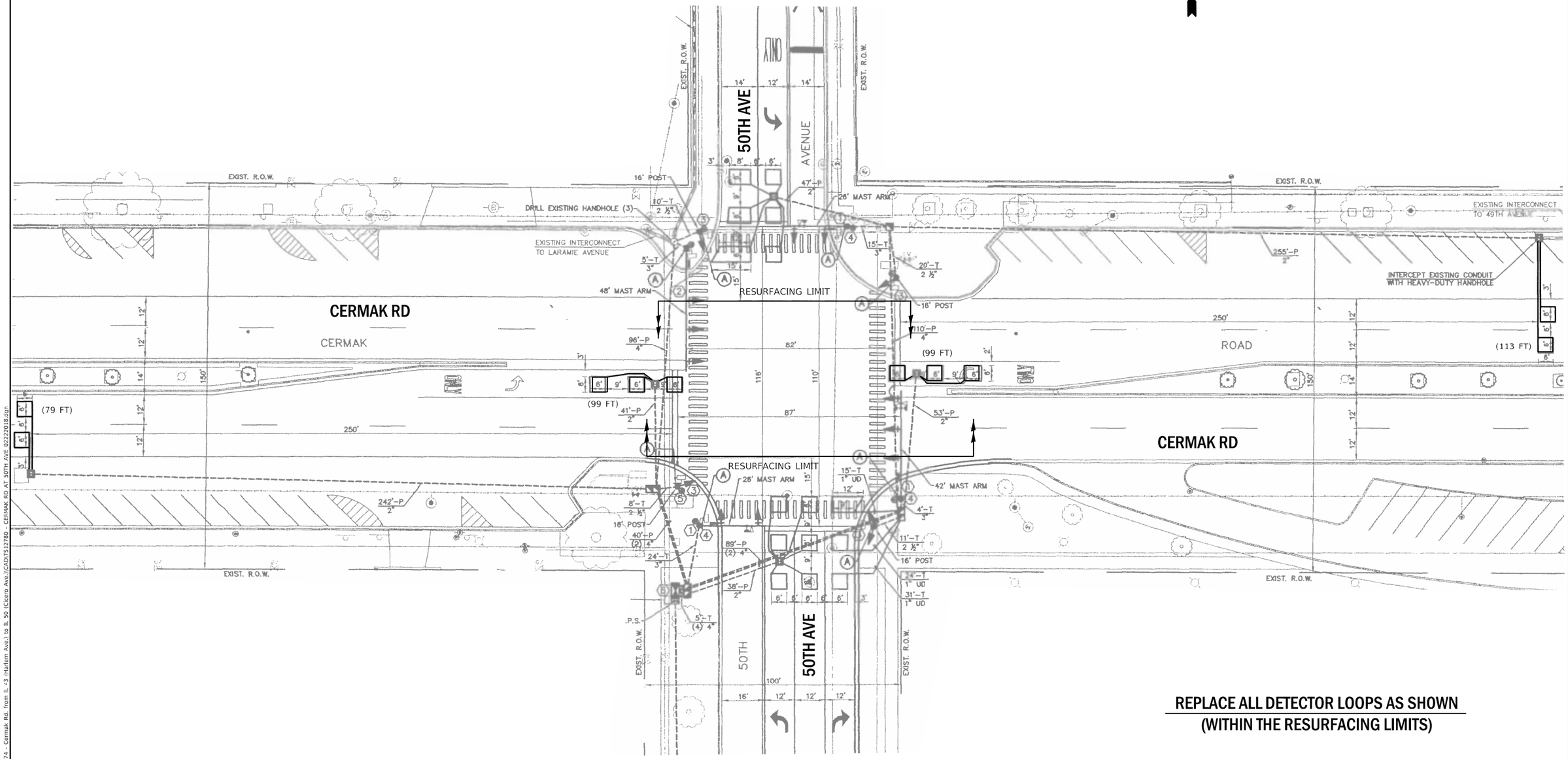
CONTRACT NO. 62F74

ILLINOIS | FED. AID PROJECT

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	390	FOOT

MODEL: Default
FILE NAME: S:\IPI\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS12780 - CERMAK RD AT 50TH AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT 50TH AVE

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	39

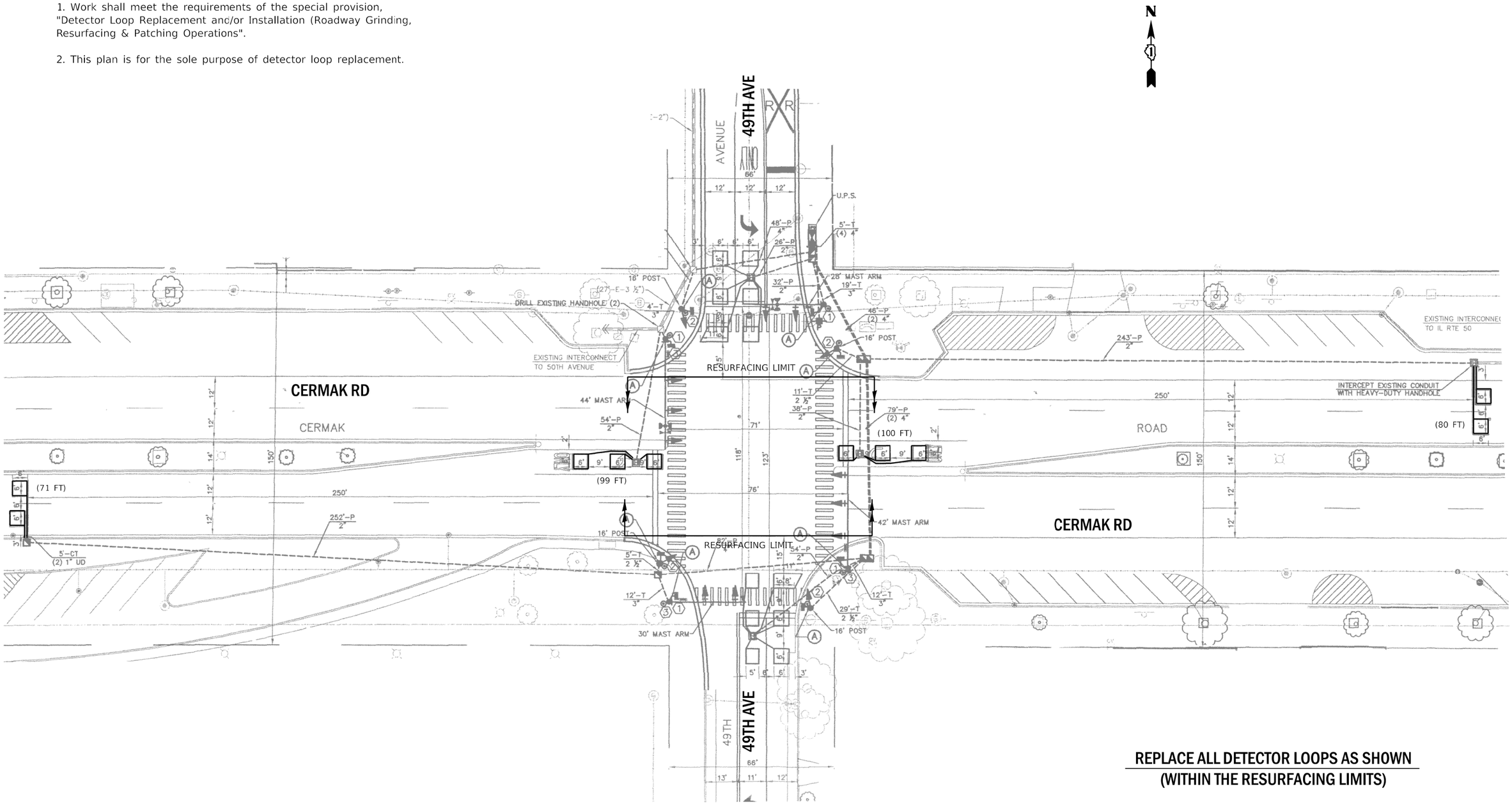
CONTRACT NO. 62F74

ILLINOIS | FED. AID PROJECT

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	350	FOOT

MODEL: Default
FILE NAME: S:\IPI\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS12775 - CERMAK RD AT 49TH AVE 02222018.dgn

USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT 49TH AVE

SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	40

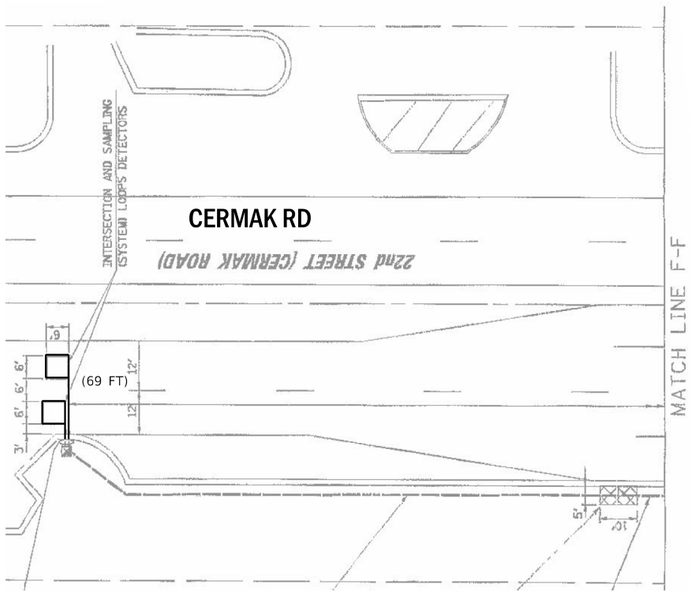
CONTRACT NO. 62F74

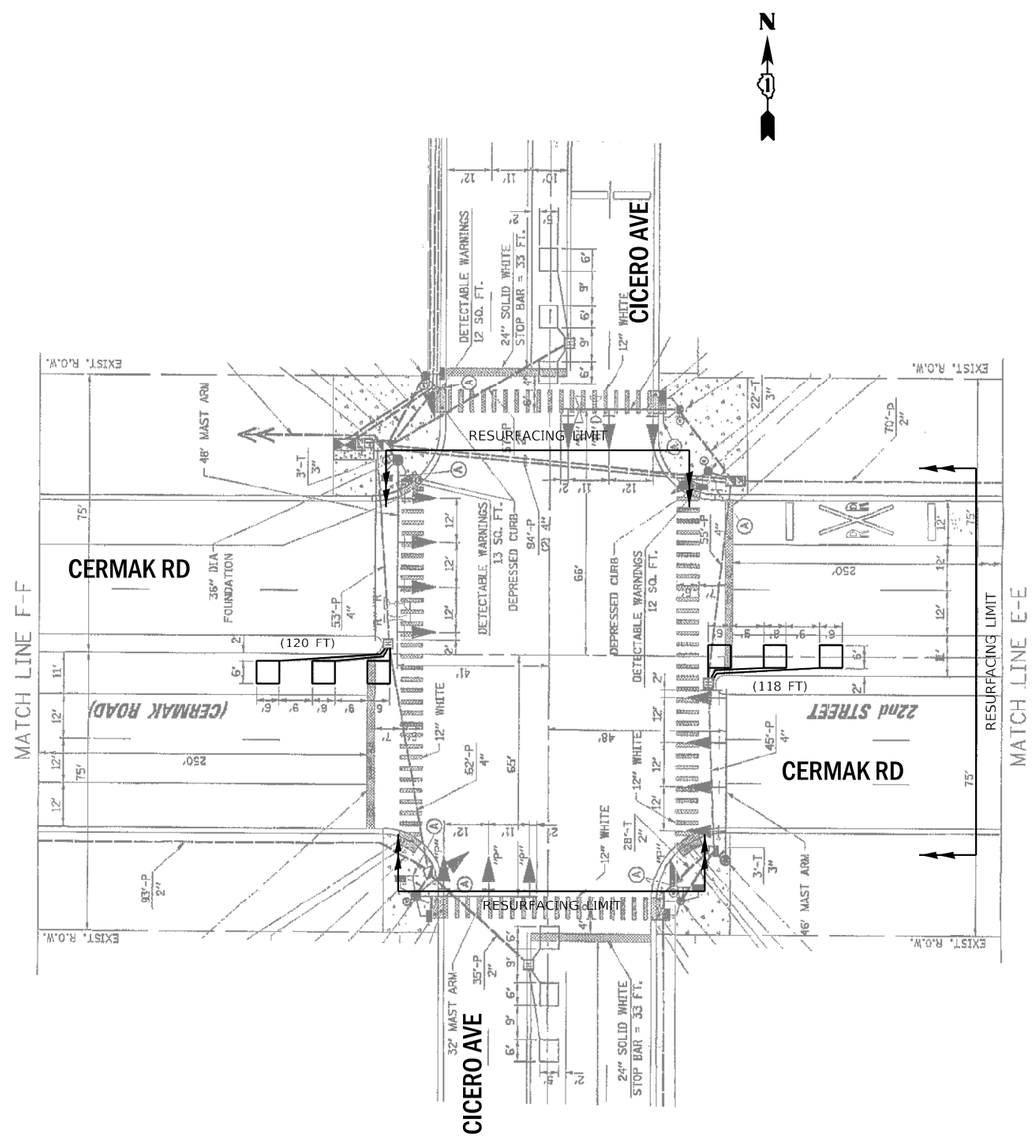
ILLINOIS | FED. AID PROJECT

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	307	FOOT

MODEL: Default
FILE NAME: S:\WP\Design\BS\Detector Loops\62F74 - Cermak Rd. from IL 43 (Harlem Ave.) to IL 50 (Cicero Ave.)\CAD\TS12770 - CERMAK RD AT CICERO AVE 02222018.dgn

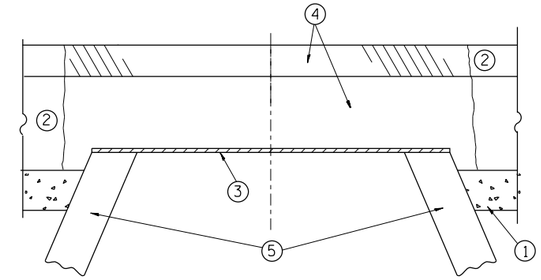
USER NAME = snowba	DESIGNED - BS	REVISED -	
	DRAWN - BS	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - LP	REVISED -	
PLOT DATE = 2/23/2018	DATE - 02/22/2018	REVISED -	

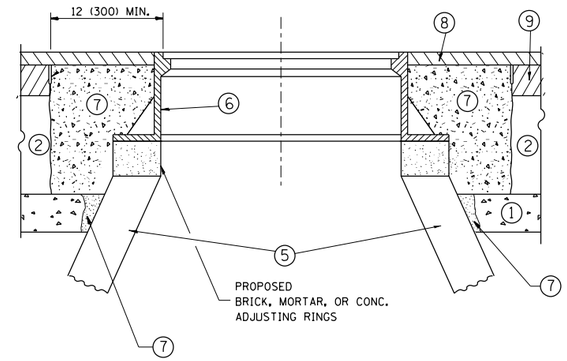
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
CERMAK RD AT CICERO AVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3) RS-2	COOK	54	41
		CONTRACT NO. 62F74		
		ILLINOIS FED. AID PROJECT		





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 1½ (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

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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAFT\Data\Design\DistStd.dgn	USER NAME = Bilgramiso	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
		CHECKED -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000 ' / in.		REVISED - R. BORO 03-09-11
	PLOT DATE = 3/23/2018	DATE - 10-25-94	REVISED - R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

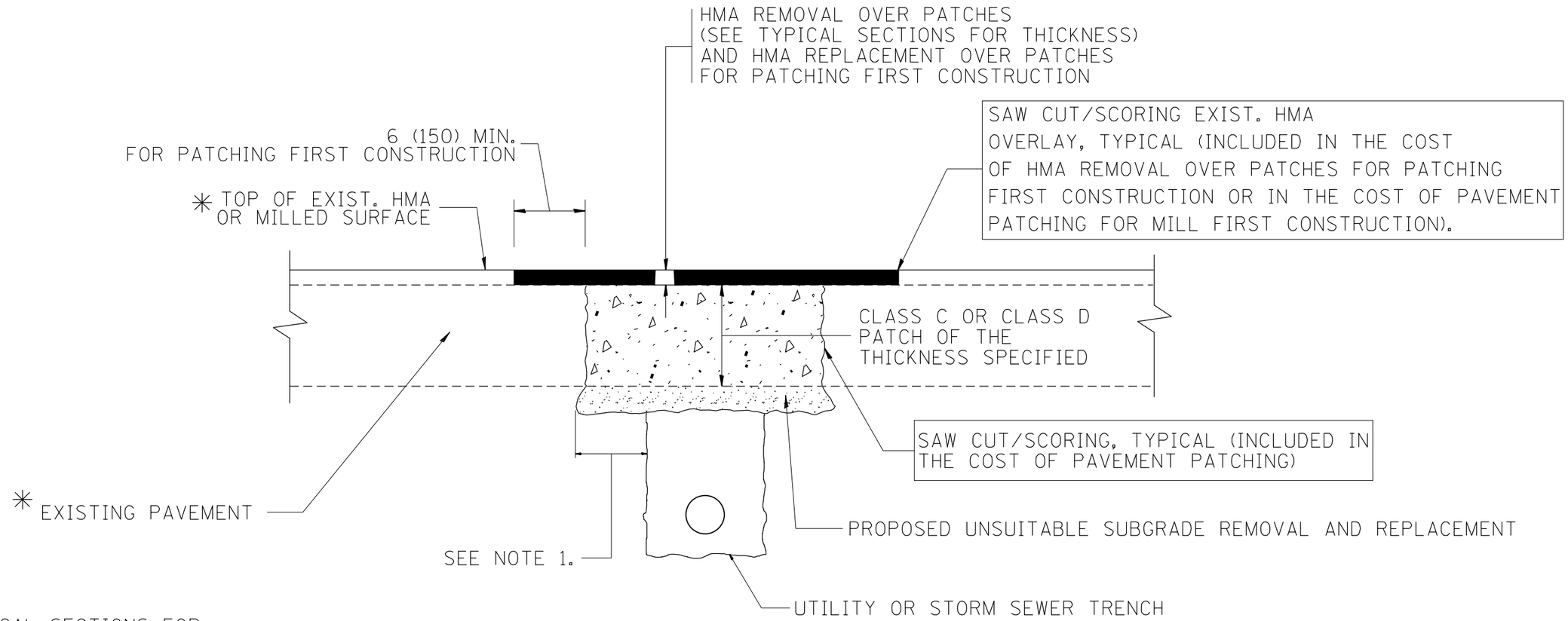
DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	$TOPG$	$CUPG$

BD600-03 (BD-8) **CONTRACT NO. 62F74**

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)

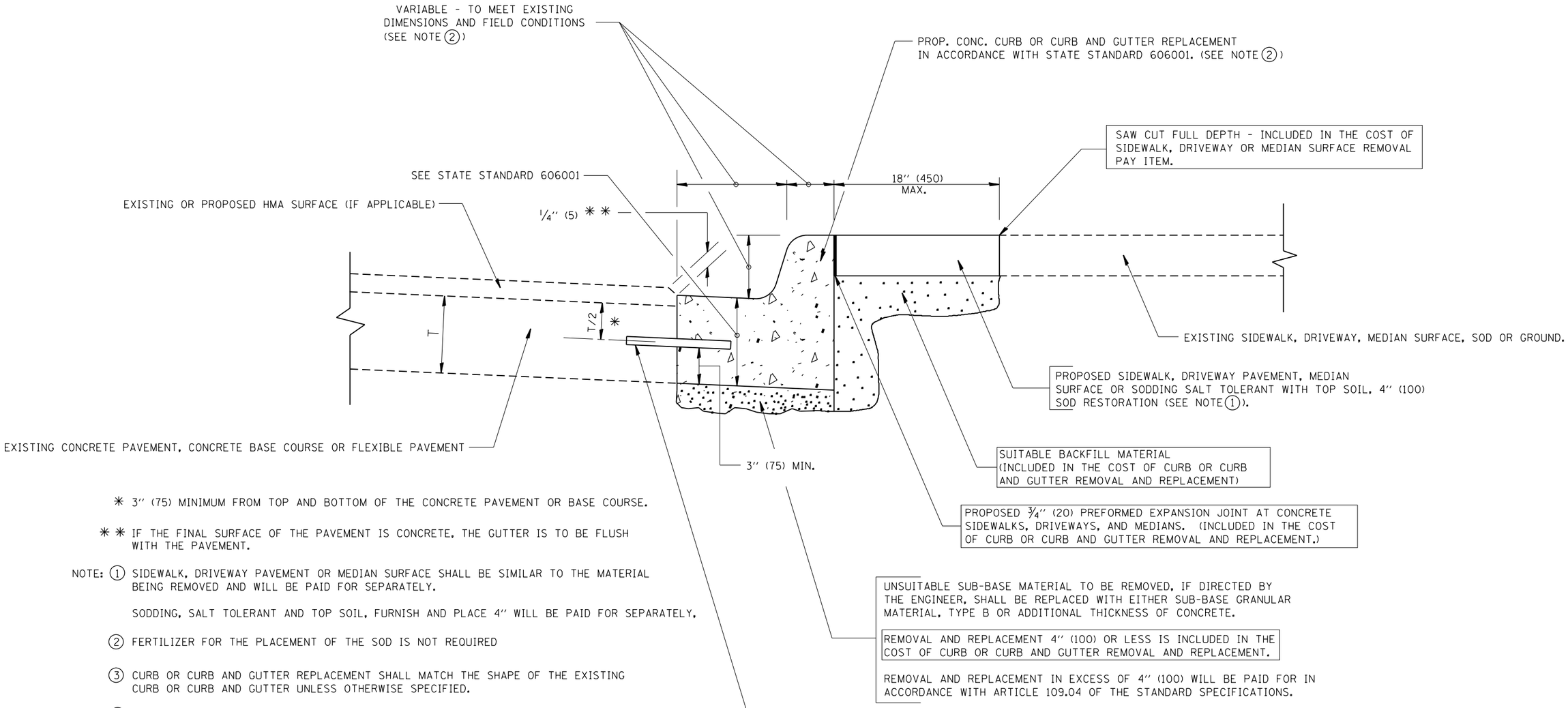
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ 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 = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAWING\Data\Design\DistStd.dgn	USER NAME = Bilgramisa	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07			1453	(78-1&78-3)RS-2	COOK	54	43
	PLOT DATE = 3/23/2018	DATE - 10-25-94	REVISED - R. BORO 09-04-07			BD400-04 (BD-22)		CONTRACT NO. 62F74		
			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.

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).

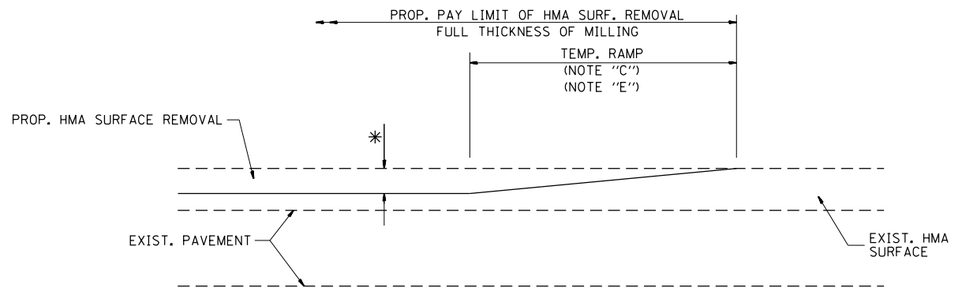
BASIS OF PAYMENT:

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.

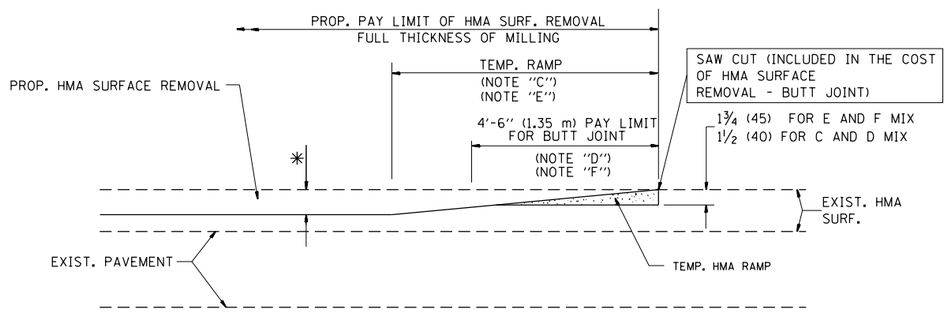
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAFT\Delete\Design\DistStd.dgn	USER NAME = Bilgramise	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED - A. ABBAS 03-21-97			1453	(78-1&78-3)RS-2	COOK	54 / 44
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 62F74	
	PLOT DATE = 3/23/2018	DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. / TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

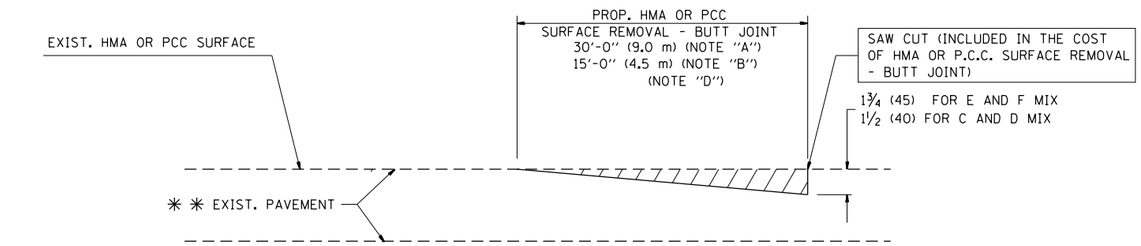


HMA CONSTRUCTED TEMPORARY RAMP

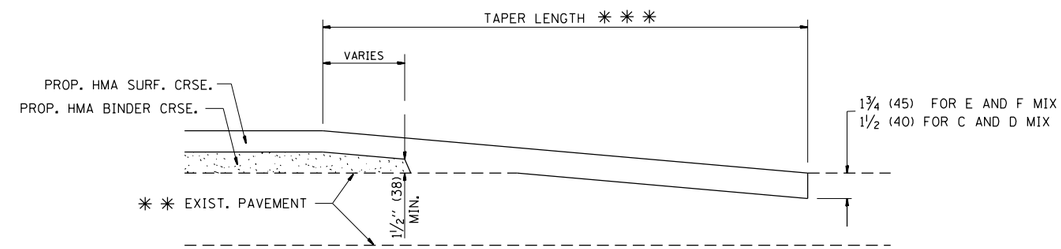
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



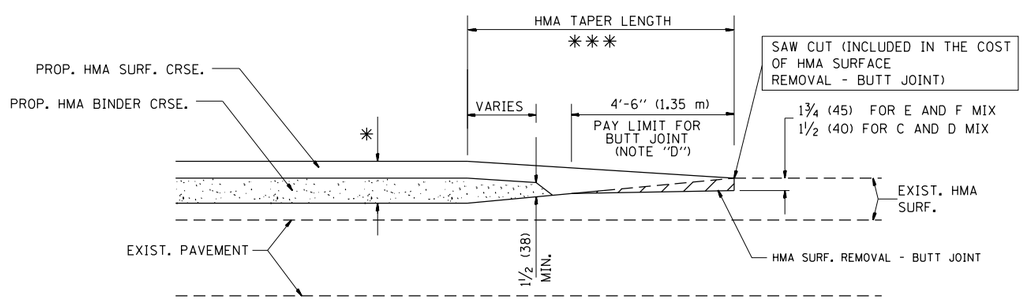
BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

✳ ✳ PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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".

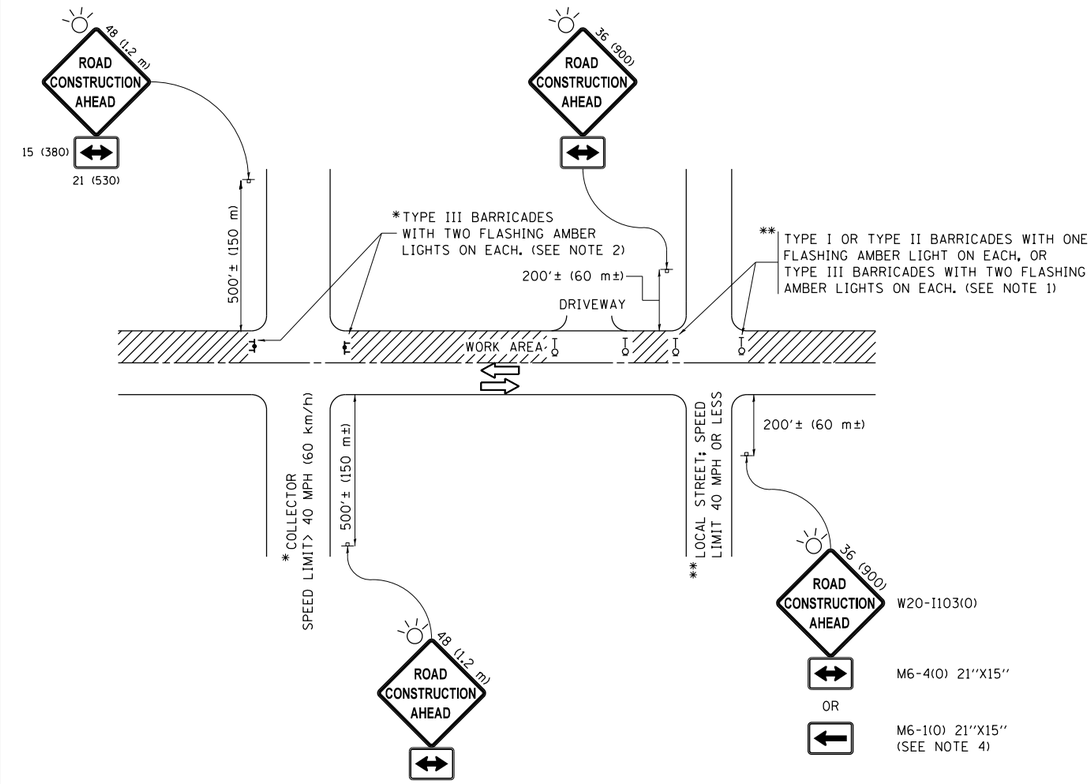
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAWING\Design\DistStd.dgn	USER NAME = Bilgramisa	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
			REVISED - A. ABBAS 03-21-97	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01	
	PLOT DATE = 3/23/2018	DATE - 06-13-90	REVISED - R. BORO 01-01-07	

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.
1453	(78-1&78-3)RS-2	COOK	54	45
BD400-05 BD32		CONTRACT NO. 62F74		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. 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:

   a) 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.

   b) 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.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) 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.

   b) 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.

3. 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.

4. 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).

5. 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.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. 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.

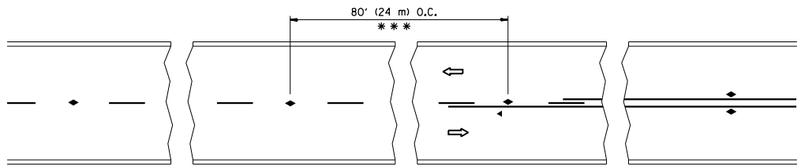
FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAFT\Data\Design\DistStd.dgn	USER NAME = Bilgramisa	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
		DRAWN -	REVISED - T. RAMMACHER 01-06-00
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
Default	PLOT DATE = 3/23/2018	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

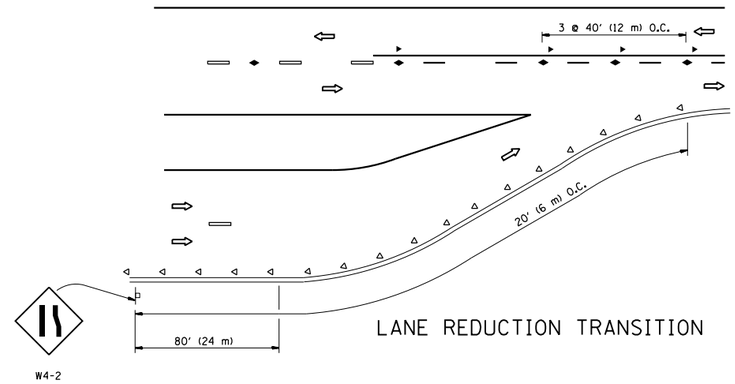
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	46
	TC-10	CONTRACT NO. 62F74		
	ILLINOIS FED. AID PROJECT			

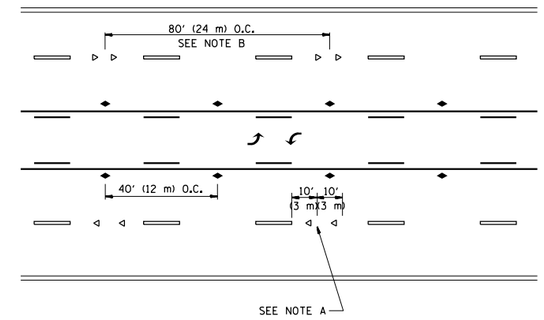


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

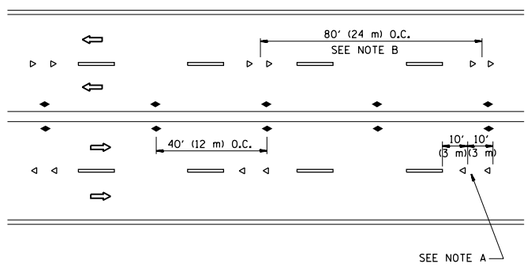
TWO-LANE/TWO-WAY



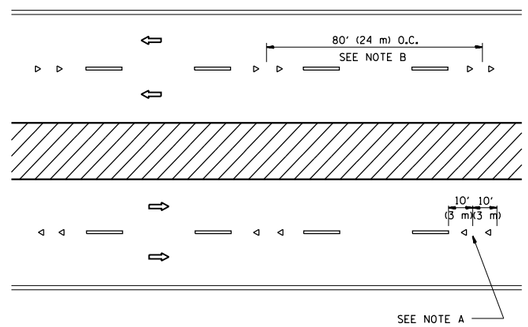
LANE REDUCTION TRANSITION



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

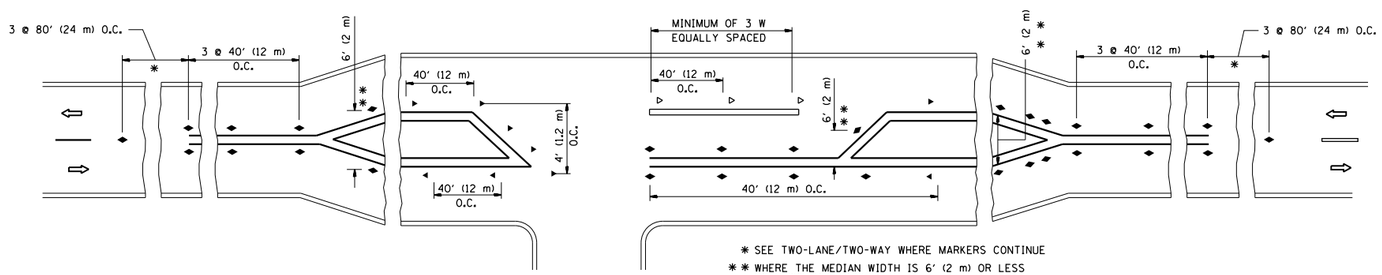
LANE MARKER NOTES

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.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

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

LEFT TURN

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAWING\	USER NAME = Bilgramise	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED - T. RAMMACHER 03-12-99	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00	
	PLOT DATE = 3/23/2018	DATE -	REVISED - C. JUCIUS 09-09-09	

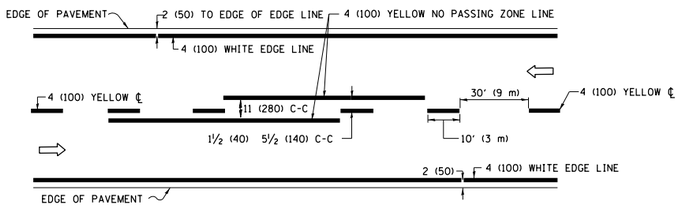
TYPICAL APPLICATIONS

RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

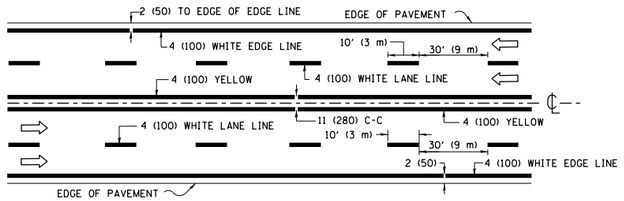
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	47
	TC-11	CONTRACT NO. 62F74		

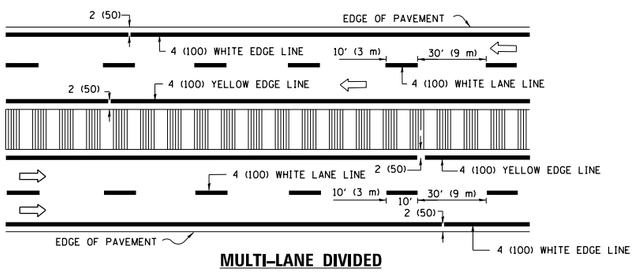
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



2–LANE ROADWAY



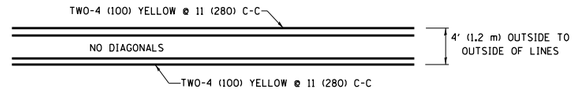
MULTI–LANE UNDIVIDED



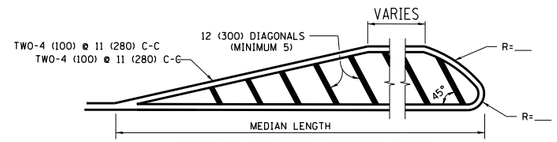
MULTI–LANE DIVIDED

WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



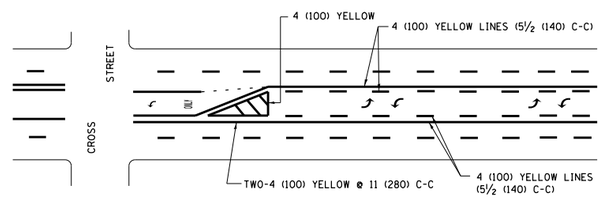
4' (1.2 m) WIDE MEDIANS ONLY



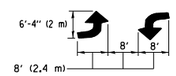
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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))

MEDIANS OVER 4' (1.2 m) WIDE

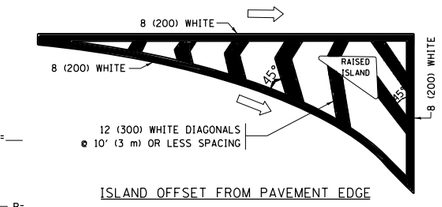


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

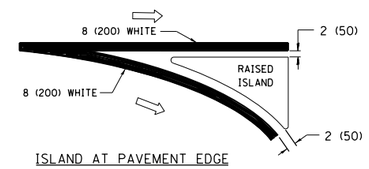


MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

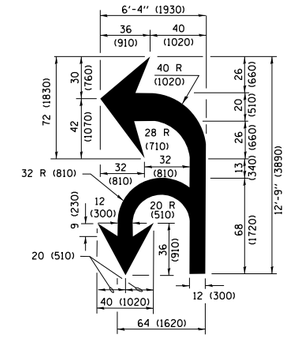


ISLAND OFFSET FROM PAVEMENT EDGE

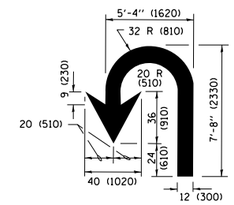


ISLAND AT PAVEMENT EDGE

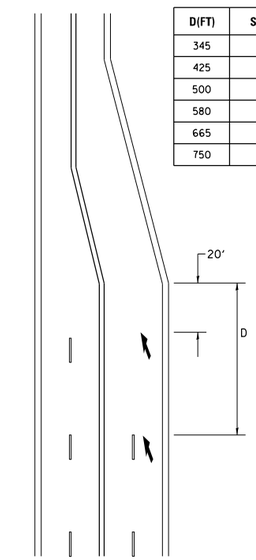
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



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

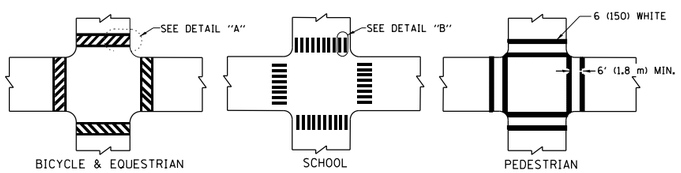
LANE REDUCTION TRANSITION

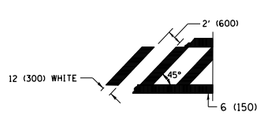
✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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	5½ (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; 5½ (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

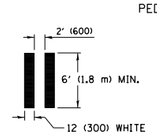
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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





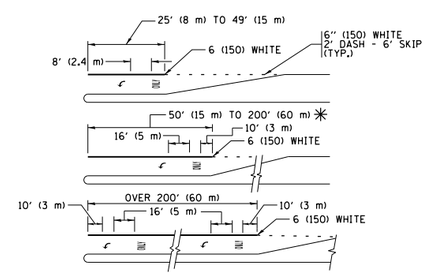
DETAIL "A"



DETAIL "B"

TYPICAL CROSSWALK MARKING

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



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

✳ 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".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1023 Drawings\Design\DistStd.dgn	USER NAME = Bilgramise	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
			REVISED - C. JUCIUS 07-01-13	
Default	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15	
	PLOT DATE = 3/23/2018	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	48

TC–13 | CONTRACT NO. 62F74

ILLINOIS FED. AID PROJECT

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

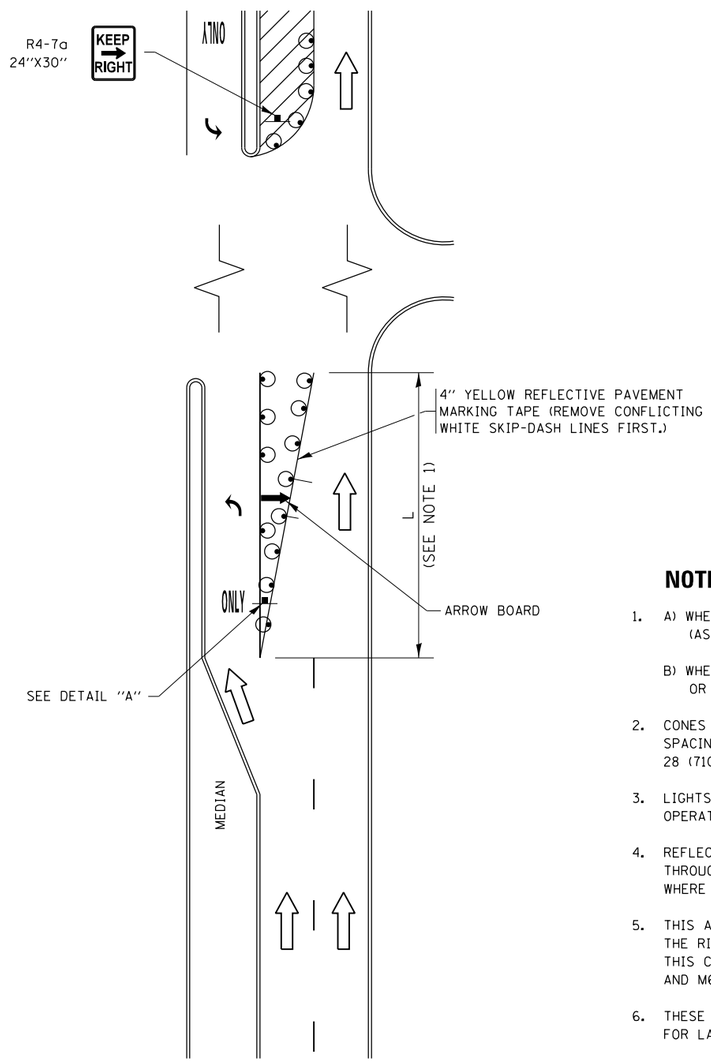


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. 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.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

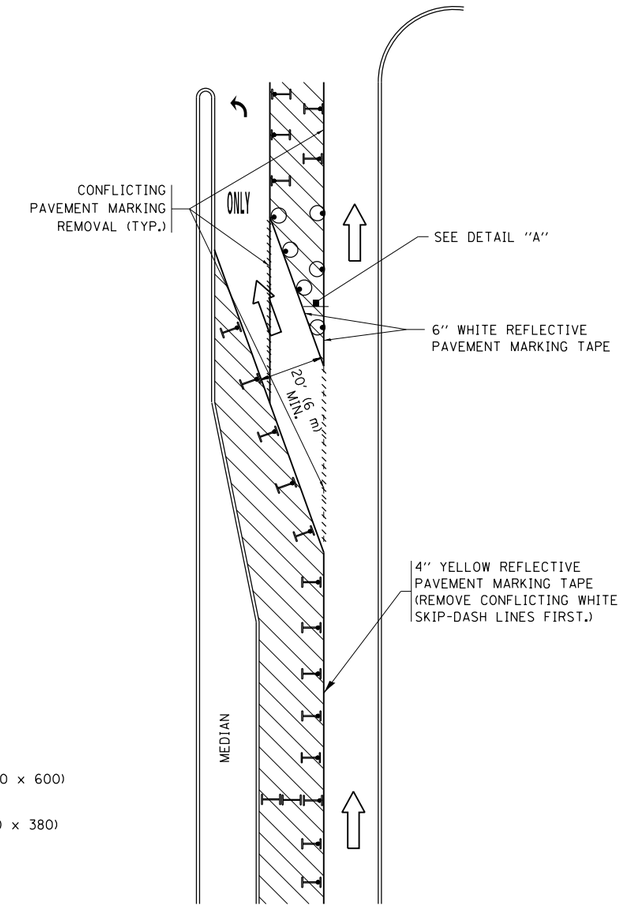
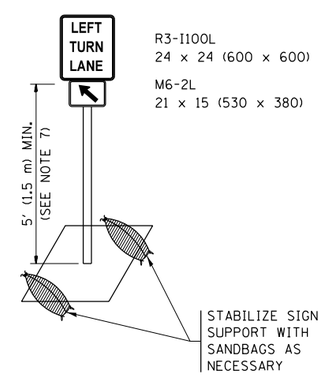


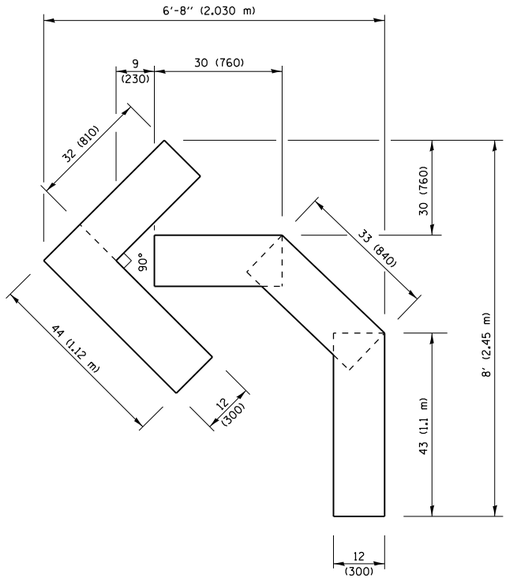
FIGURE 2



DETAIL A

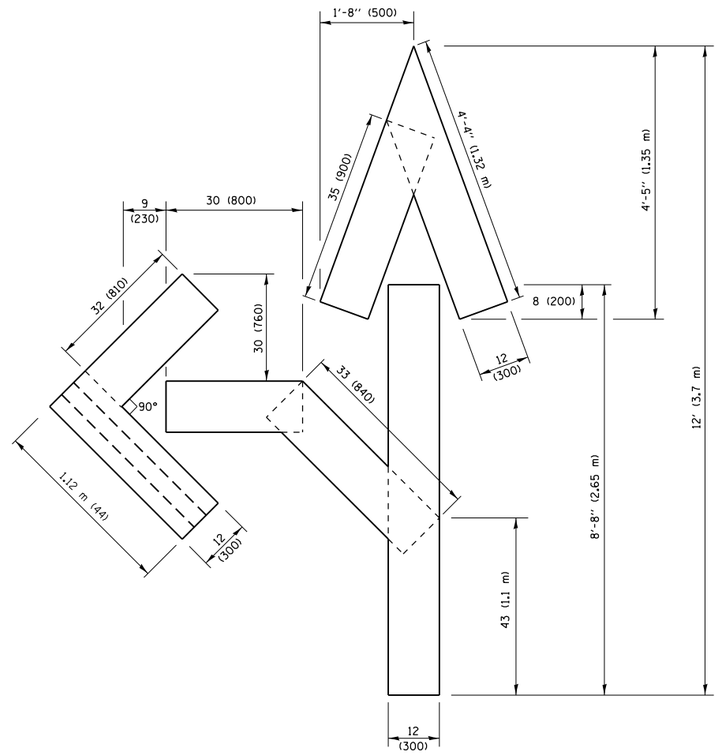
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032[illegible]\Design\Highway\Hosseh	USER NAME = Bilgramisa	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.AU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13			1453	(78-1&78-3)RS-2	COOK	54	49
	PLOT SCALE = 100.0000 ' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14		CONTRACT NO. 62F74		
Default	PLOT DATE = 3/23/2018	REVISED -T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				



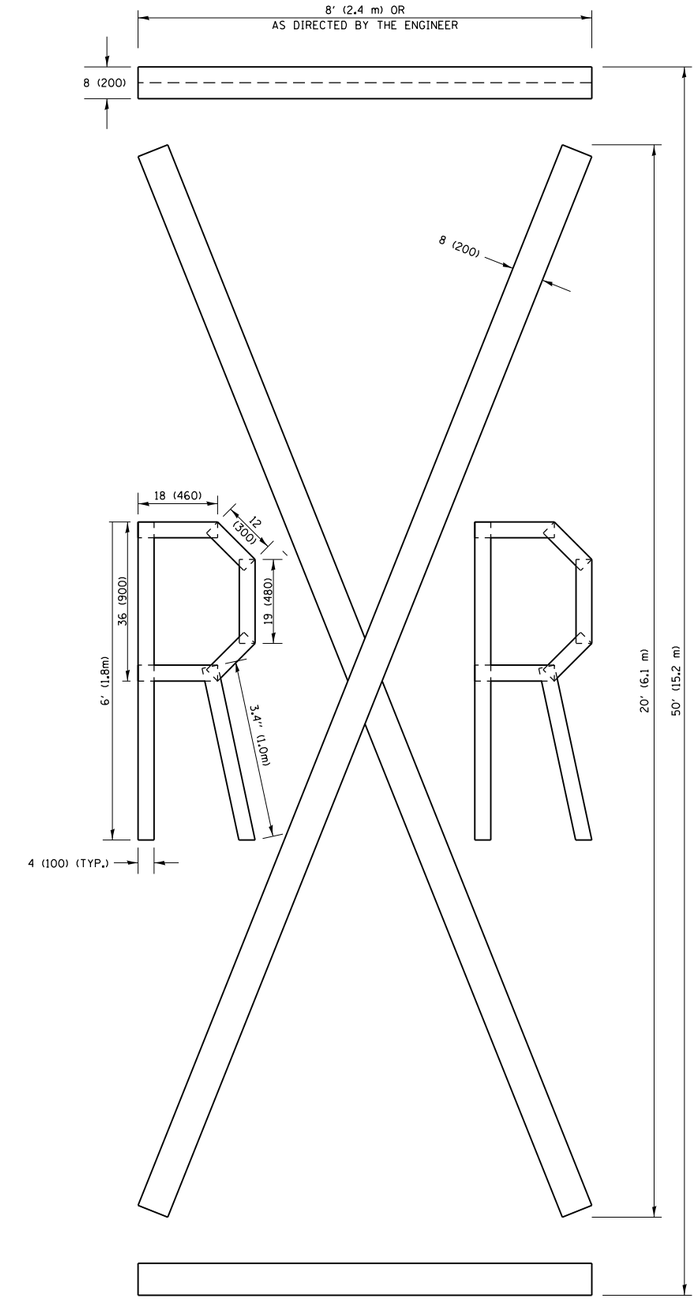
QUANTITY

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



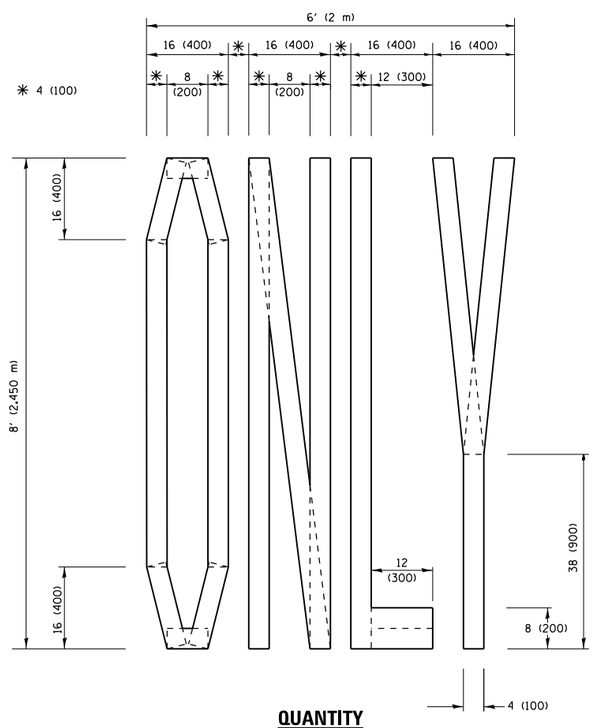
QUANTITY

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



QUANTITY

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



QUANTITY

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

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

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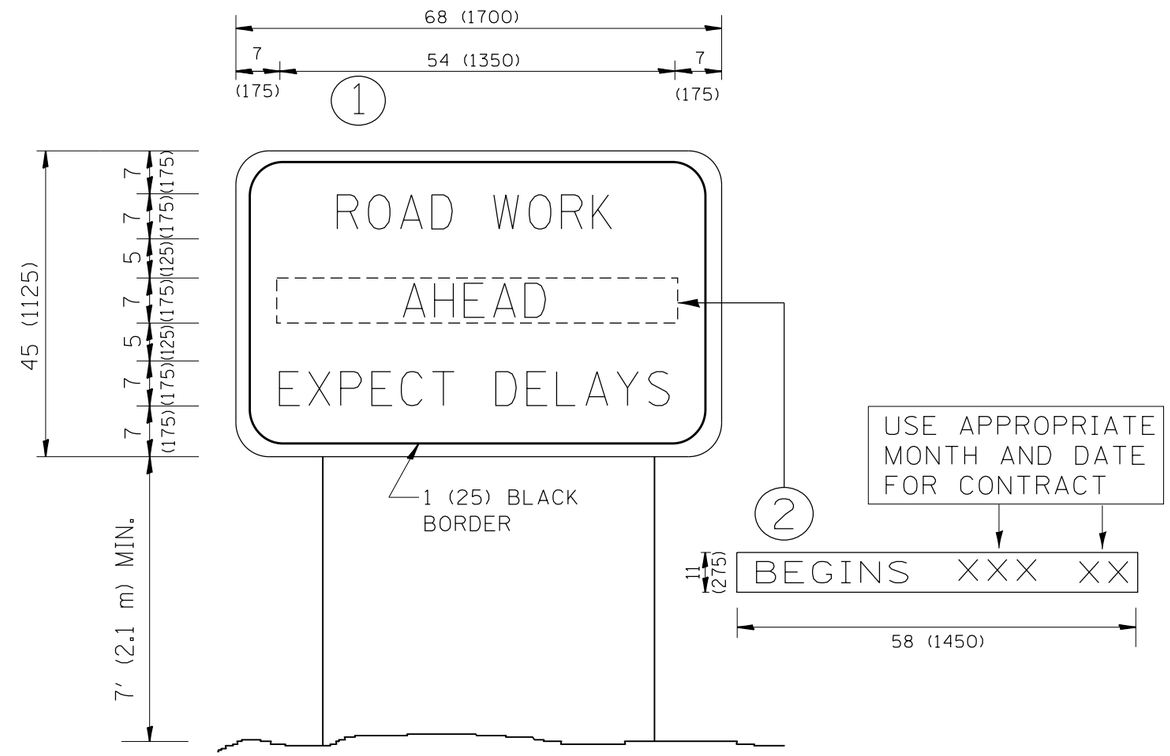
			REVISED - E. GOMEZ 08-28-00	
	PLOT SCALE = 100.0010 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
	PLOT DATE = 3/23/2018	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

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.
1453	(78-1&78-3)RS-2	COOK	54	50
	TC-16	CONTRACT NO. 62F74		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

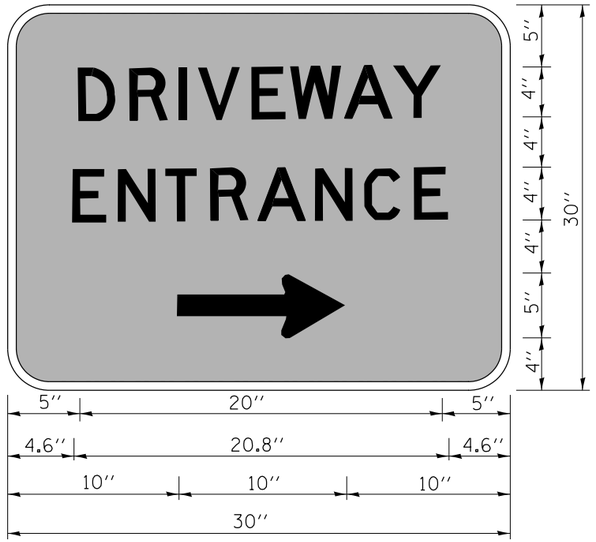


NOTES:

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 = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAFT\Data\Design\DistStd.dgn	USER NAME = Bilgramise	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.
		DRAWN -	REVISED - R. MIRS 12-11-97					1453	(78-1&78-3)RS-2	COOK	54	51
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99					TC-22		CONTRACT NO. 62F74		
	PLOT DATE = 3/23/2018	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



3.0'' RADIUS, 0.5'' BORDER, WHITE ON GREEN; REFLECTORIZED
''DRIVEWAY'' D; ''ENTRANCE'' D; STANDARD ARROW CUSTOM 12.0'' × 5.0''

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM ''TEMPORARY INFORMATION SIGNING''.

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

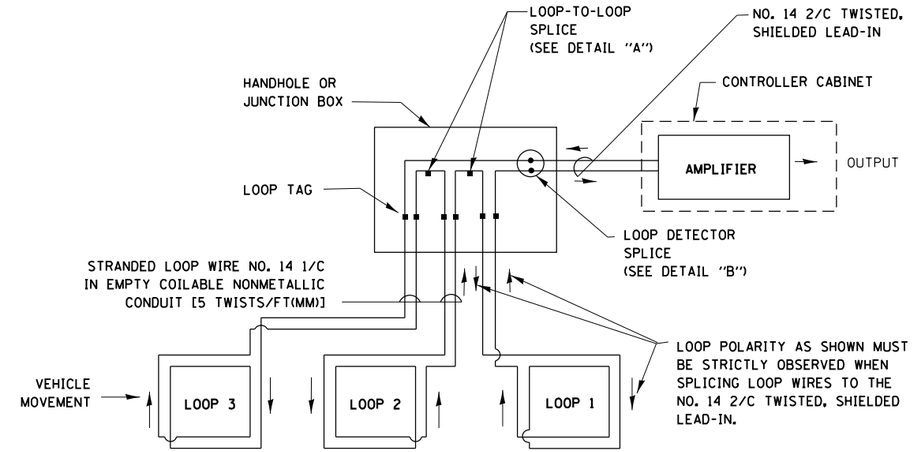
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

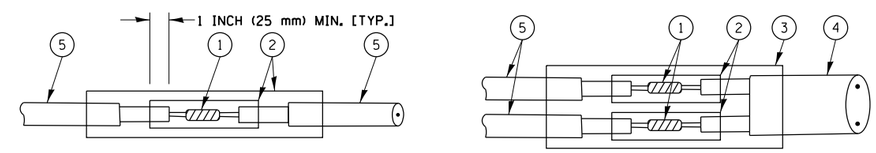
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



DETECTOR LOOP WIRING SCHEMATIC

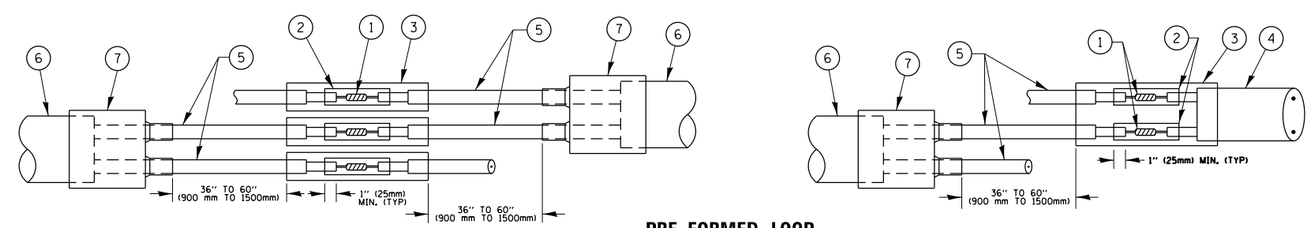
- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



DETAIL "A"
LOOP-TO-LOOP SPLICE

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP

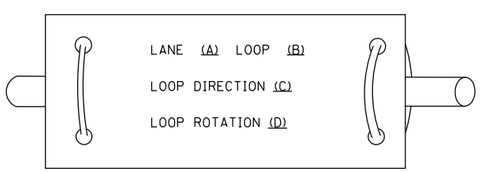


DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP

DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP LEAD-IN CABLE TAG



A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

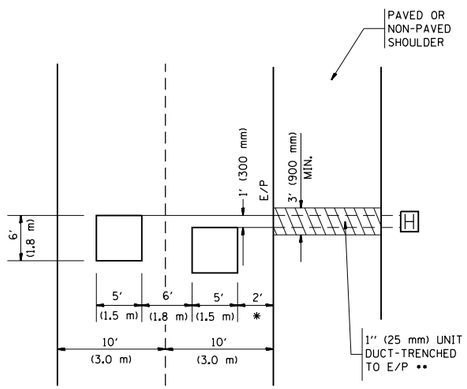
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

LOOP DETECTOR SPLICE

1. WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
2. WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
3. WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
4. NO. 14 2/C TWISTED, SHIELDED CABLE.
5. LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
6. PRE-FORMED LOOP
7. XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

LOOPS NEXT TO SHOULDERS

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

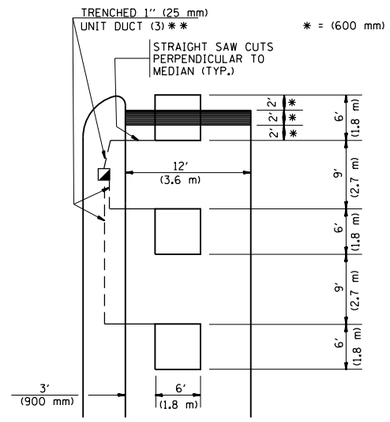


* = (600 mm)

** 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)

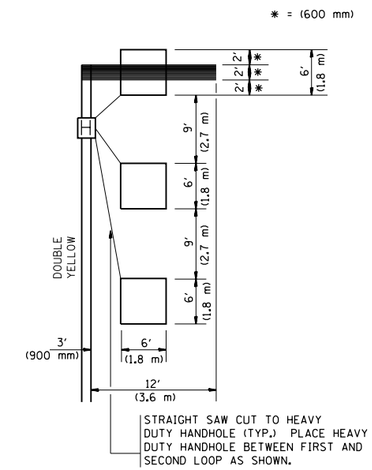
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



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

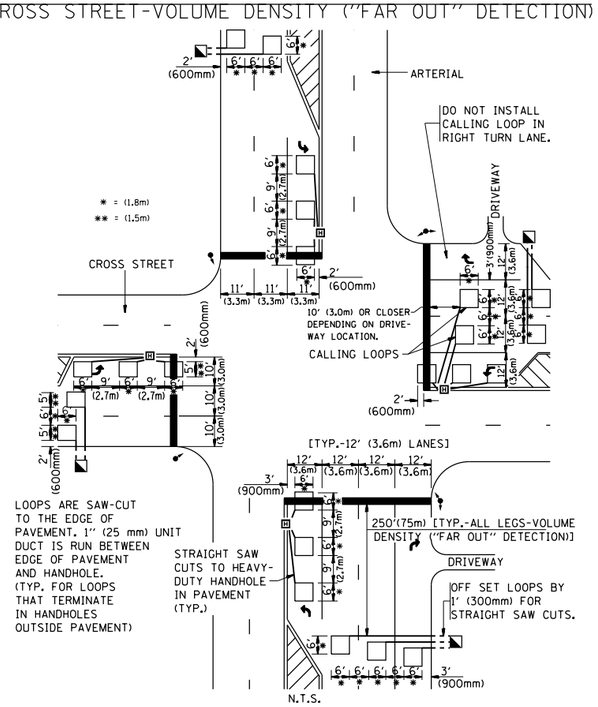
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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

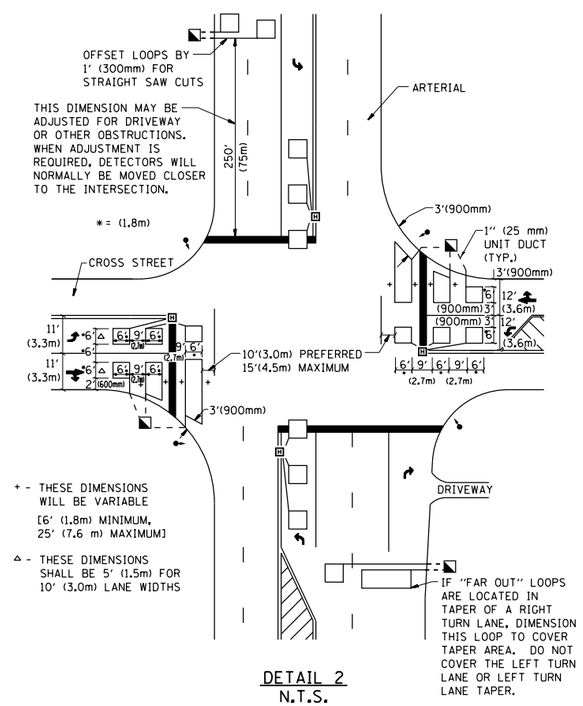
ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)



N.T.S.

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 SEPARATLY. 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 = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\D1032DRAWING\Data\Design\DistStd.dgn	USER NAME = Bilgramisa	DESIGNED -	REVISED -
			REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - R.K.F.	REVISED -
	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-1&78-3)RS-2	COOK	54	54
	TS-07	CONTRACT NO. 62F74		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		