

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

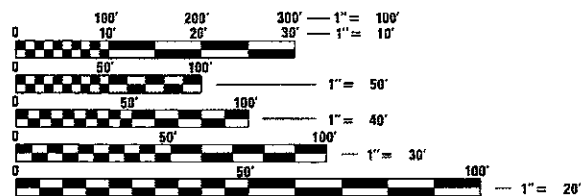
* 100 + 17 = 117 TOTAL SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	1
		ILLINOIS	CONTRACT NO. 62F58	

THE PROJECT IS LOCATED IN THE CITY OF COUNTRYSIDE AND THE VILLAGES OF WILLOW SPRINGS, JUSTICE, HODGKINS, LAGRANGE, AND LAGRANGE PARK

RESURFACING OMISSIONS:
 STA. 39+99.6 TO STA. 53+48.3
 STA. 63+59.2 TO STA. 90+97
 STA. 100+48 TO STA. 103+25
 STA. 153+11.5 TO STA. 172+89
 STA. 299+96.8 TO STA. 300+35.8
 STA. 303+44.5 TO STA. 309+65

TRAFFIC DATA:
 2017 ADT = 80,500
 POSTED SPEED LIMIT = 20-45 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 ENGINEER KARI SMITH (847) 705-4437
 PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

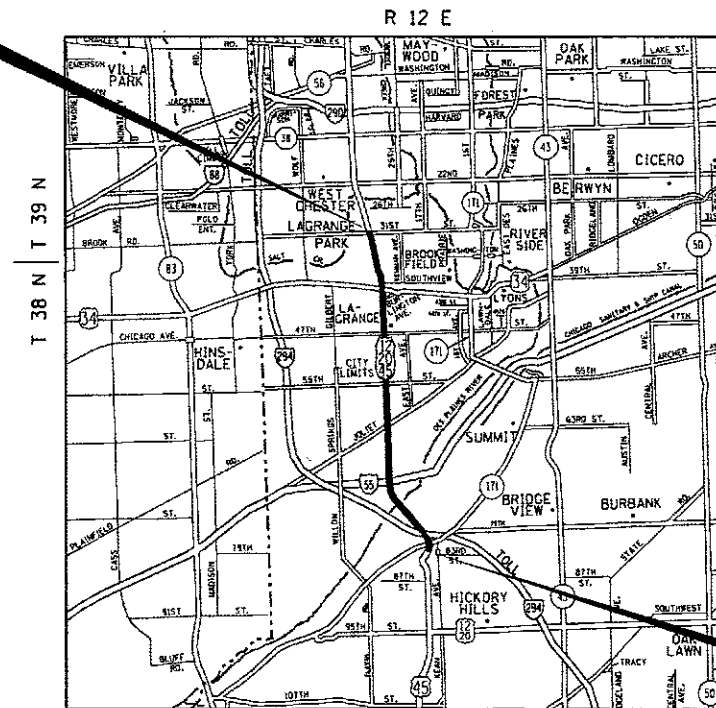
CONTRACT NO. 62F58

PROPOSED
HIGHWAY PLANS

F.A.P. 330: US ROUTE 12/20/45 (LAGRANGE RD)
 SOUTH OF I-294 TO 31st STREET
 SECTION: 2017-036RS
 PROJECT: NHPP - H5L2(974)
 RESURFACING (3P), PEDESTRIAN RAMPS
 COOK COUNTY

C-91-017-18

IMPROVEMENT ENDS
 STA. 368 + 74



PROVISO AND LYONS TOWNSHIPS

IMPROVEMENT BEGINS
 STA. 23 + 52

GROSS LENGTH = 34,522 FT. = 6.54 MILES
 NET LENGTH = 27,521.4 FT. = 5.21 MILES



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED March 22, 2018

[Signature] REGIONAL ENGINEER

May 11, 2018

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

May 20, 2018

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3 - 5	SUMMARY OF QUANTITIES
6 - 7	TYPICAL SECTIONS
8 - 23	ROADWAY AND PAVEMENT MARKING PLANS
24 - 73	PROPOSED SIDEWALK RAMP DETAILS
73A - 73F	PROPOSED LANDSCAPING DETAILS
74 - 87	DETECTOR LOOP REPLACEMENT PLANS
87A - 87F	INDUCTION LOOP INFORMATION AND DETAILS
88	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
89	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
90	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
91	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
92	ENTRANCE AND EXIT RAMP DETAILS (TC-08)
93	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
94	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
95	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
96	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
97	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
98	ARTERIAL ROAD INFORMATION SIGN (TC-22)
98A - 98B	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSING (TC-23)
98C	DRIVEWAY ENTRANCE SIGNING (TC-26)
99	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAIL, SHEET 2 OF 7 (TS-05)
100	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
602301-04	INLET - TYPE A
604001-04	FRAMES AND LIDS TYPE 1
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE 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
814001-03	HANDHOLES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF COUNTRYSIDE, AND THE VILLAGES OF WILLOW SPRINGS, JUSTICE, HODGKINS, LAGRANGE, AND LAGRANGE PARK.
- 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.
- THE CONTRACTOR SHALL CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.

GENERAL NOTES (CONTINUED..)

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN VIA E-MAIL AT patrice.harris@illinois.gov, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED IN THE PLANS)) WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING WORK FOR LAYOUT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- WITH RAILROAD ENTRY PERMIT AND INSURANCE PROVIDED, EXISTING HMA ROADWAY SHALL BE MILLED AND RESURFACED TO THE EDGE OF THE RAILROAD PANEL.
- THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT www.idot.ics.com TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP, AND SHOULDER CLOSURES. PLEASE REGISTER AN ACCOUNT AT www.idot.ics.com TO ENTER LANE CLOSURES.

URBAN					URBAN													
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE						CODE NO	ITEM		UNIT	0005 80% FED 20% STATE				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	40	40					40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4, 75, N50	TON	8368	8368					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2	2					40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	12	12					
20200100	EARTH EXCAVATION	CU YD	270	270					40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1532	1532					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1699	1699					40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1456	1456					
25000210	SEEDING, CLASS 2A	ACRE	0.04	0.04					42001300	PROTECTIVE COAT	SO YD	4033	4033					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	22	22					42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	26	26					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18	18					42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	27528	27528					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	22	22					42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	64	64					
25003310	INTERSEEDING, CLASS 4	ACRE	2.75	2.75					42400800	DETECTABLE WARNINGS	SO FT	2398	2398					
25100127	MULCH, METHOD 3A	ACRE	1.25	1.25					44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	17327	17327					
25100630	EROSION CONTROL BLANKET	SO YD	177	177					44000600	SIDEWALK REMOVAL	SO FT	25881	25881					
25200110	SODDING, SALT TOLERANT	SO YD	1677	1677					44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	181897	181897					
25200200	SUPPLEMENTAL WATERING	UNIT	6	6					44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	2940	2940					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	99	99					44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	189	189					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	134476	134476					44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	2515	2515					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	598	598					44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	2940	2940					
	* SPECIALTY ITEM								48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	381	381					
									60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1					
									60266600	VALVE BOXES TO BE ADJUSTED	EACH	20	20					
									60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	63	63					
									60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	7	7					
									60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	30	30					
									* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	270	270					

URBAN

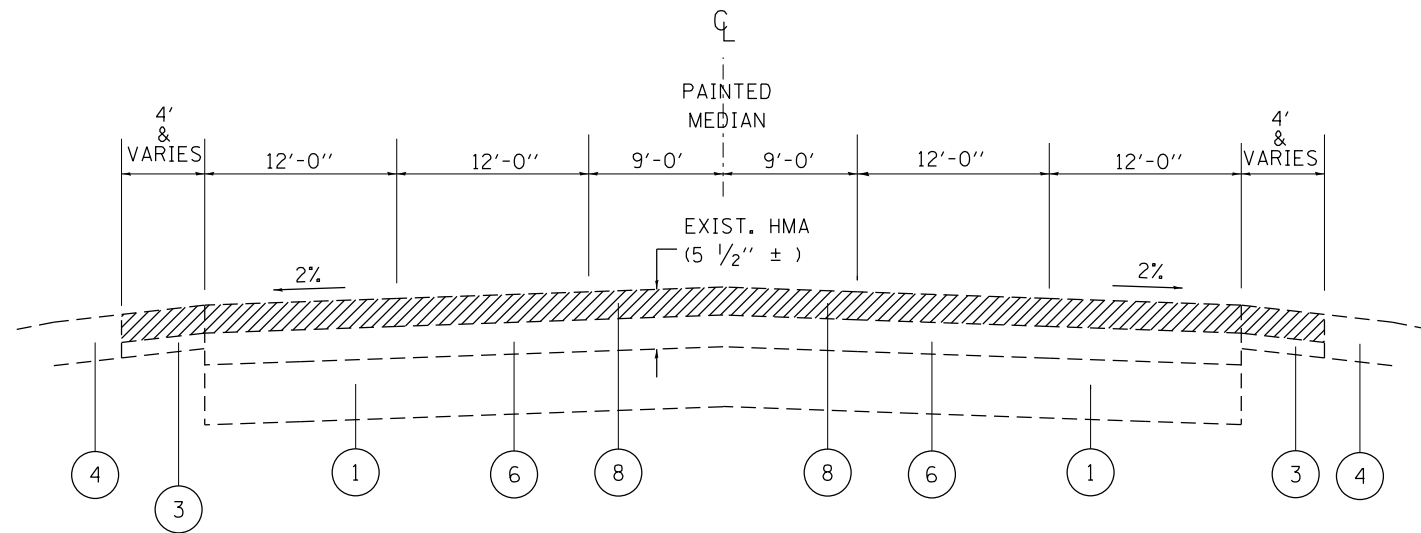
URBAN

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	6	6
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	9	9
70300100	SHORT TERM PAVEMENT MARKING	FOOT	113645	113645
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	37882	37882
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2128	2128
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	64558	64558
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9951	9951
70200100	NIGHTTIME WORKZONE LIGHTING	L SUM	1	1
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2581	2581
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2301	2301
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1529	1529
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	28412	28412
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	6	6
* SPECIALTY ITEM				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2128	2128
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	64558	64558
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	9951	9951
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2581	2581
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2301	2301
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1529	1529
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2609	2609
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2609	2609
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	10	10
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	5749	5749
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2	2
* 89502376	REBUILD EXISTING HANDHOLE	EACH	33	33
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	40	40
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	20	20

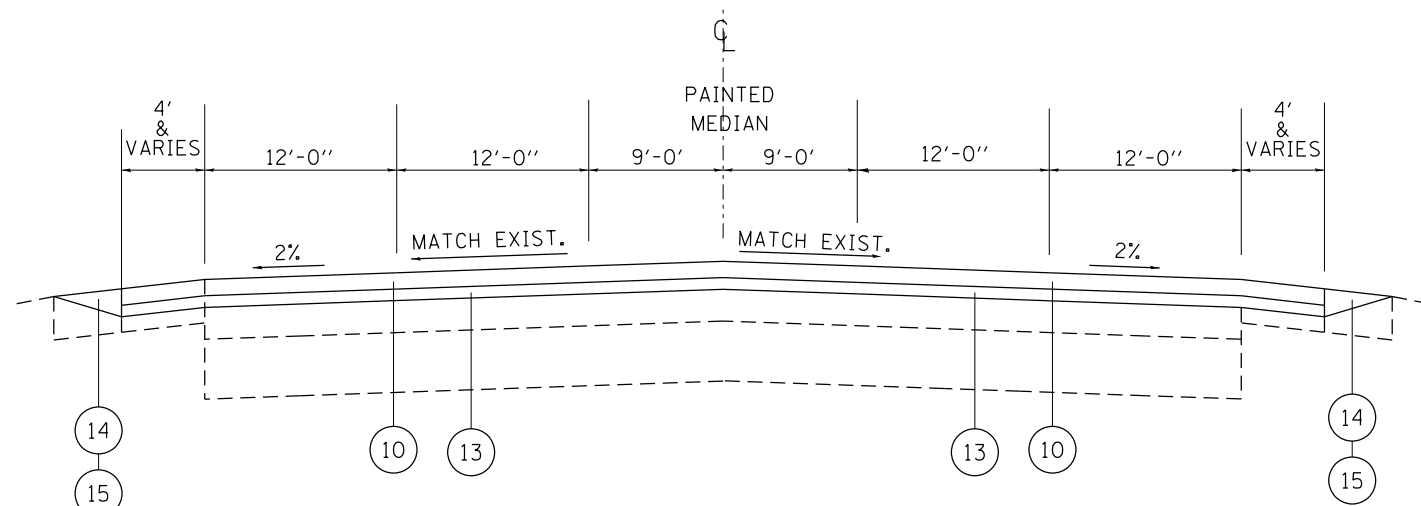
LEGEND

- ① EXISTING PCC PAVEMENT (US 20), ± 10"
- ② EXISTING AGGREGATE SUBGRADE
- ③ EXISTING HMA SHOULDER
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING COMB. CONCRETE CURB AND GUTTER
- ⑥ EXISTING HMA AFTER MILLING, ± 3" (MAINLINE)
- ⑦ EXISTING HMA SURFACE AFTER MILLING, ± 2 3/4" (RAMPS)
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑨ PROPOSED HMA SURFACE REMOVAL, 2 1/4" (RAMPS)
•SEE NOTE FOR EXCEPTION TO ONE RAMP
- ⑩ PROPOSED POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4"
- ⑪ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑫ PROPOSED HIGH FRICTION SURFACE TREATMENT (HFST)
- ⑬ PROPOSED POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑮ PROPOSED GRADING AND SHAPING OF SHOULDERS



EXISTING TYPICAL SECTION
U.S. ROUTE 12/20/45 (NB &SB)
STA. 23+52 TO STA. 368+74
(EXCEPT LISTED OMISSIONS)

NOTE:
SEE PLANS FOR EXACT LOCATION OF ROADWAY SECTION WITH SHOULDERS.



PROPOSED TYPICAL SECTION
U.S. ROUTE 12/20/45 (NB &SB)
STA. 23+52 TO STA. 368+74
(EXCEPT LISTED OMISSIONS)

NOTE:
SEE PLANS FOR EXACT LOCATION OF ROADWAY SECTION WITH SHOULDERS.

NOTE:
THE CONTRACTOR SHALL MILL THE ROADWAY FIRST,
THEN PATCH PER BD-22 DETAIL.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
--------------	------------------	----------------------------------

ROADWAY RESURFACING:

POLY. HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80, 9.5	3.5% AT 80 GYR.	PFPP
POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	OCP (note 1)

RAMPS RESURFACING (BY LANGRANGE ROAD AND I-55):

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm)	4% AT 70 GYR.	OCP
POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	OCP

HMA DRIVEWAY FOR CURB AND GUTTER RESTORATION

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5 mm), 2"	4% AT 50 GYR.	QC/OA
HOT-MIX ASPHALT BASE COURSE, 6" (HMA BINDER IL-19 mm)	4% AT 50 GYR.	QC/OA

HOT-MIX ASPHALT PATCHING:

CLASS D PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/OA
---------------------------------------	---------------	-------

QMP Designation: Quality Control/Quality Assurance (QC/OA);
Quality Control for Performance (OCP); Pay for Performance (PFPP)

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

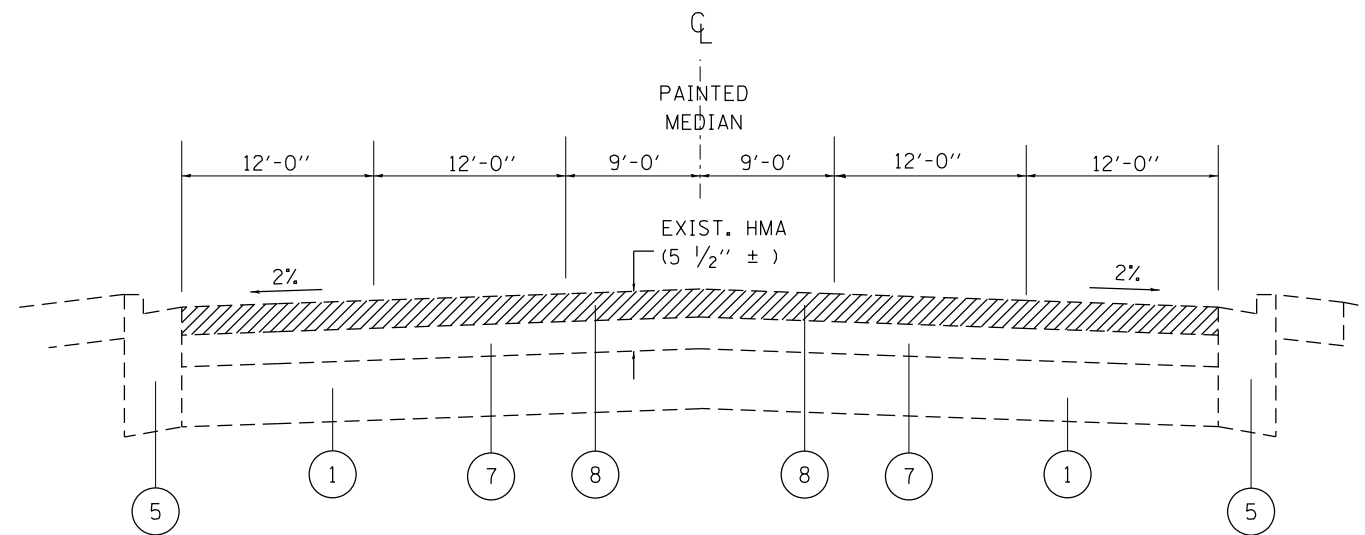
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

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

NOTE 1:

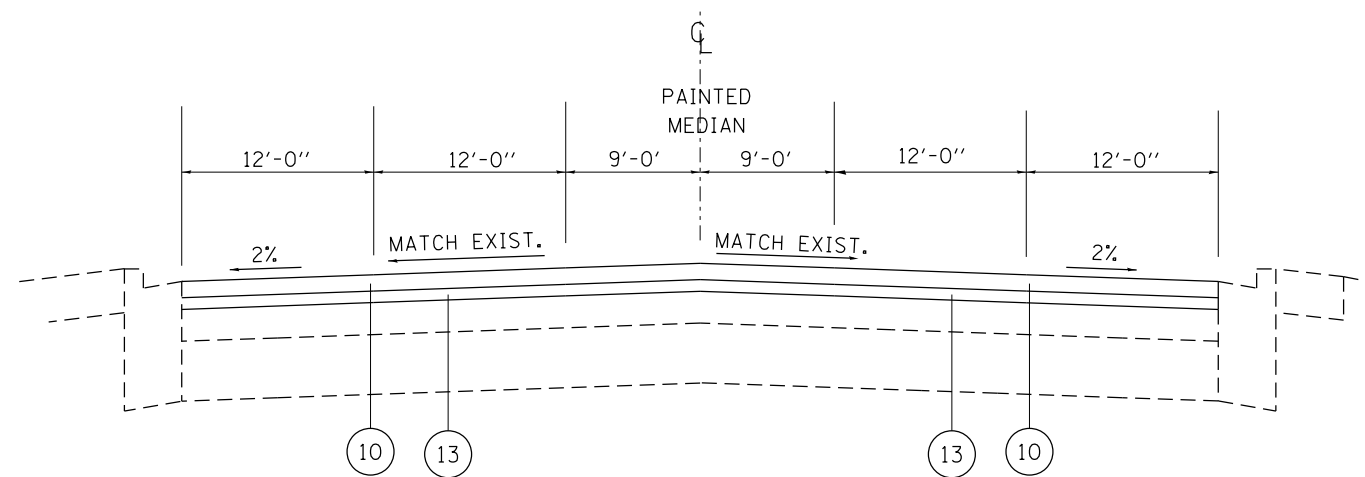
THE DENSITY FOR THIS MIX WILL BE ASSIGNED 100 PERCENT PAY FACTOR, BE TESTED RANDOMLY AT THE FREQUENCY REQUIRED IN THE HMA - QUALITY CONTROL FOR PERFORMANCE SPECIAL PROVISION AND SHALL MEET MINIMUM QC/OA DENSITY REQUIREMENTS IN ACCORDANCE WITH ARTICLE 1030 OF THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.) EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI01618\BRAWN\Design\DI01618-sh-typical.dgn	DESIGNED -	REVISED -	330			2017-036R5	COOK	100	6	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 62F58							
PLOT DATE = 5/4/2018	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			



EXISTING TYPICAL SECTION
 U.S. ROUTE 12/20/45
 STA. 23+52 TO STA. 368+74
 (EXCEPT LISTED OMISSIONS)

NOTE:
 SEE PLANS FOR EXACT LOCATION OF ROADWAY SECTION WITH CONCRETE CURB AND GUTTER



PROPOSED TYPICAL SECTION
 U.S. ROUTE 12/20/45
 STA. 23+52 TO STA. 368+74
 (EXCEPT LISTED OMISSIONS)

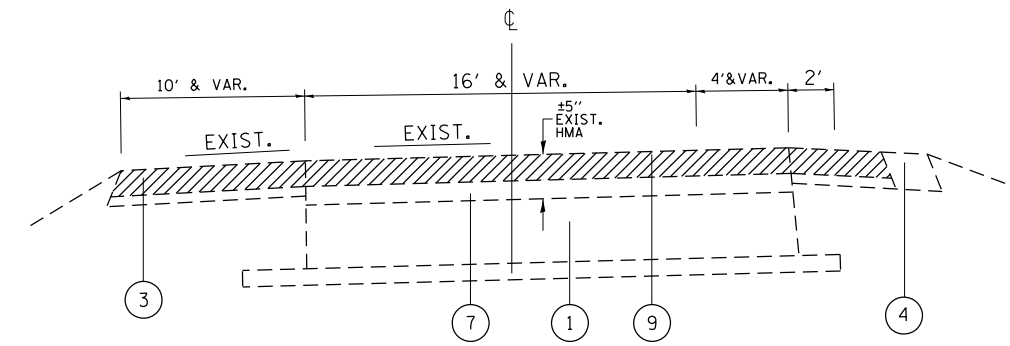
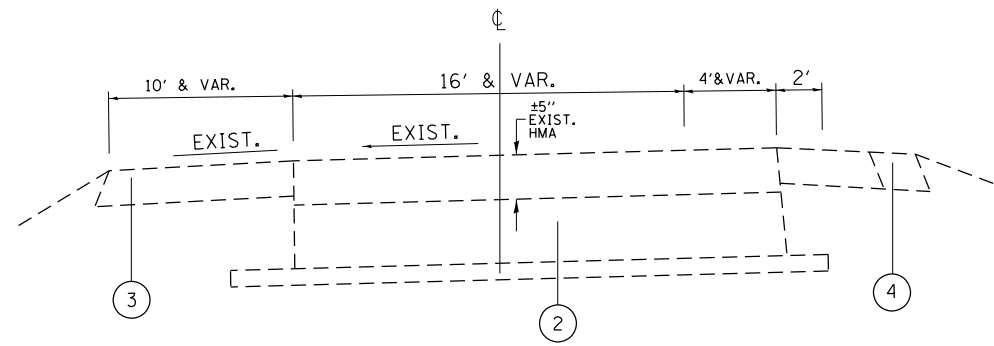
NOTE:
 SEE PLANS FOR EXACT LOCATION OF ROADWAY SECTION WITH CONCRETE CURB AND GUTTER

NOTE:
 THE CONTRACTOR SHALL MILL THE ROADWAY FIRST,
 THEN PATCH PER BD-22 DETAIL.

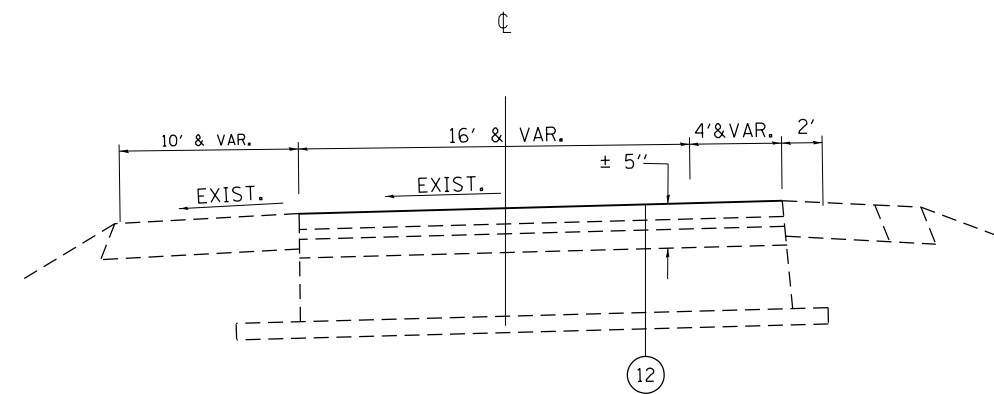
LEGEND

- ① EXISTING PCC PAVEMENT (US 20), ± 10"
- ② EXISTING AGGREGATE SUBGRADE
- ③ EXISTING HMA SHOULDER
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING COMB. CONCRETE CURB AND GUTTER
- ⑥ EXISTING HMA AFTER MILLING, ± 3" (MAINLINE)
- ⑦ EXISTING HMA SURFACE AFTER MILLING, ± 2 3/4" (RAMPS)
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑨ PROPOSED HMA SURFACE REMOVAL, 2 1/4" (RAMPS)
 •SEE NOTE FOR EXCEPTION TO ONE RAMP
- ⑩ PROPOSED POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4"
- ⑪ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑫ PROPOSED HIGH FRICTION SURFACE TREATMENT (HFST)
- ⑬ PROPOSED POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑮ PROPOSED GRADING AND SHAPING OF SHOULDERS

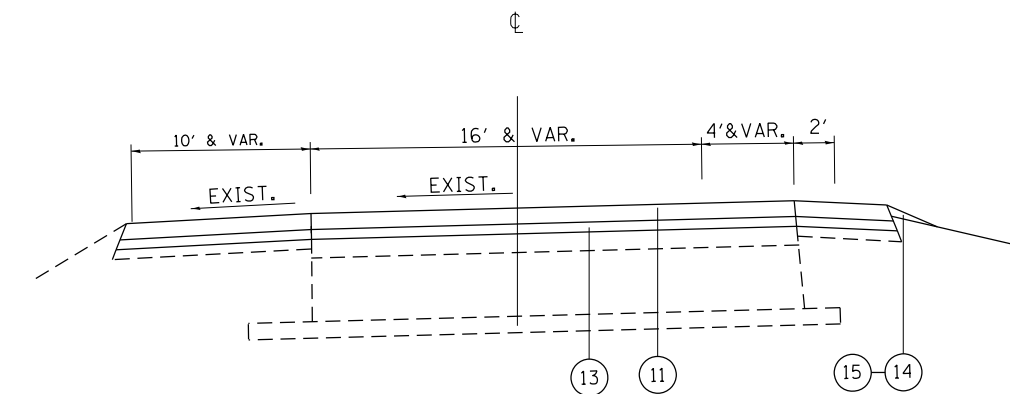
FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.) EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI01618\Drawings\Design\DI01618-sh-typical.dgn	DESIGNED -	REVISED -	330			2017-036RS	COOK	100	7	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 62F58							
PLOT DATE = 5/3/2018	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			



EXISTING TYPICAL SECTION FOR RAMPS
(SEE PLAN FOR EXACT LOCATION)



PROPOSED TYPICAL SECTION FOR RAMPS



EXISTING TYPICAL SECTION FOR RAMPS
(SEE PLAN FOR EXACT LOCATION)

RAMP FOR HFST APPLICATION
(SEE PLAN FOR EXACT LOCATION)

LEGEND

- ① EXISTING PCC PAVEMENT (US 20), ± 10"
- ② EXISTING AGGREGATE SUBGRADE
- ③ EXISTING HMA SHOULDER
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING COMB. CONCRETE CURB AND GUTTER
- ⑥ EXISTING HMA AFTER MILLING, ± 3" (MAINLINE)
- ⑦ EXISTING HMA SURFACE AFTER MILLING, ± 2 3/4" (RAMPS)
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑨ PROPOSED HMA SURFACE REMOVAL, 2 1/4" (RAMPS)
•SEE NOTE FOR EXCEPTION TO ONE RAMP
- ⑩ PROPOSED POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4"
- ⑪ PROPOSED HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑫ PROPOSED HIGH FRICTION SURFACE TREATMENT (HFST)
- ⑬ PROPOSED POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑮ PROPOSED GRADING AND SHAPING OF SHOULDERS

NOTE:
THE CONTRACTOR SHALL MILL THE ROADWAY FIRST,
THEN PATCH PER BD-22 DETAIL.

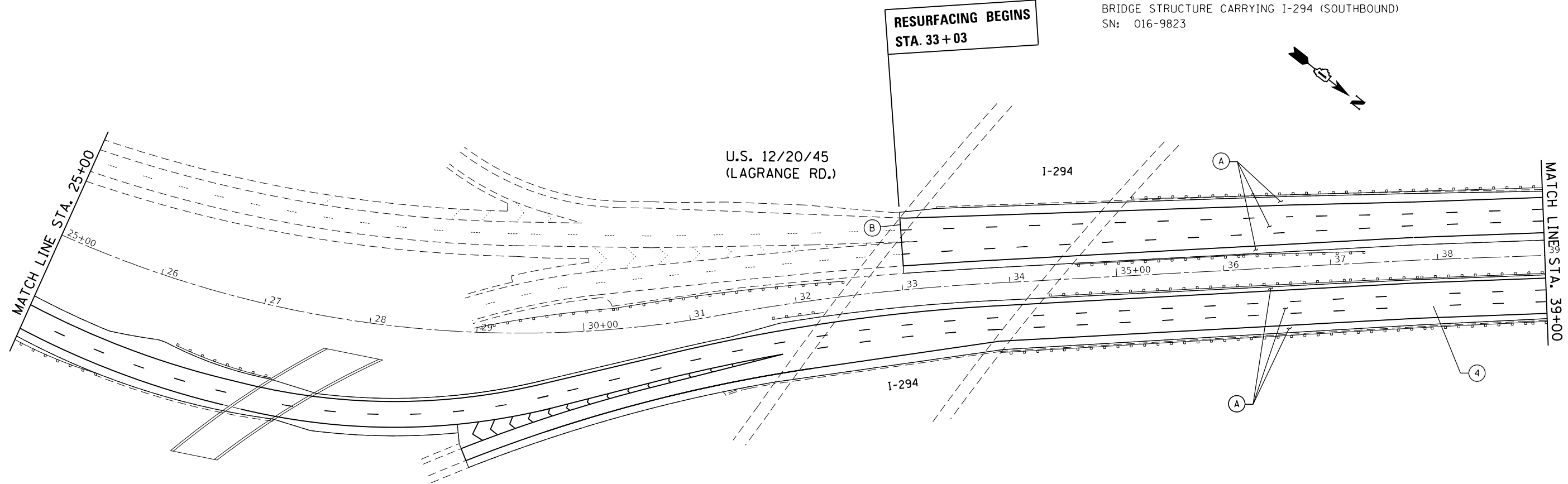
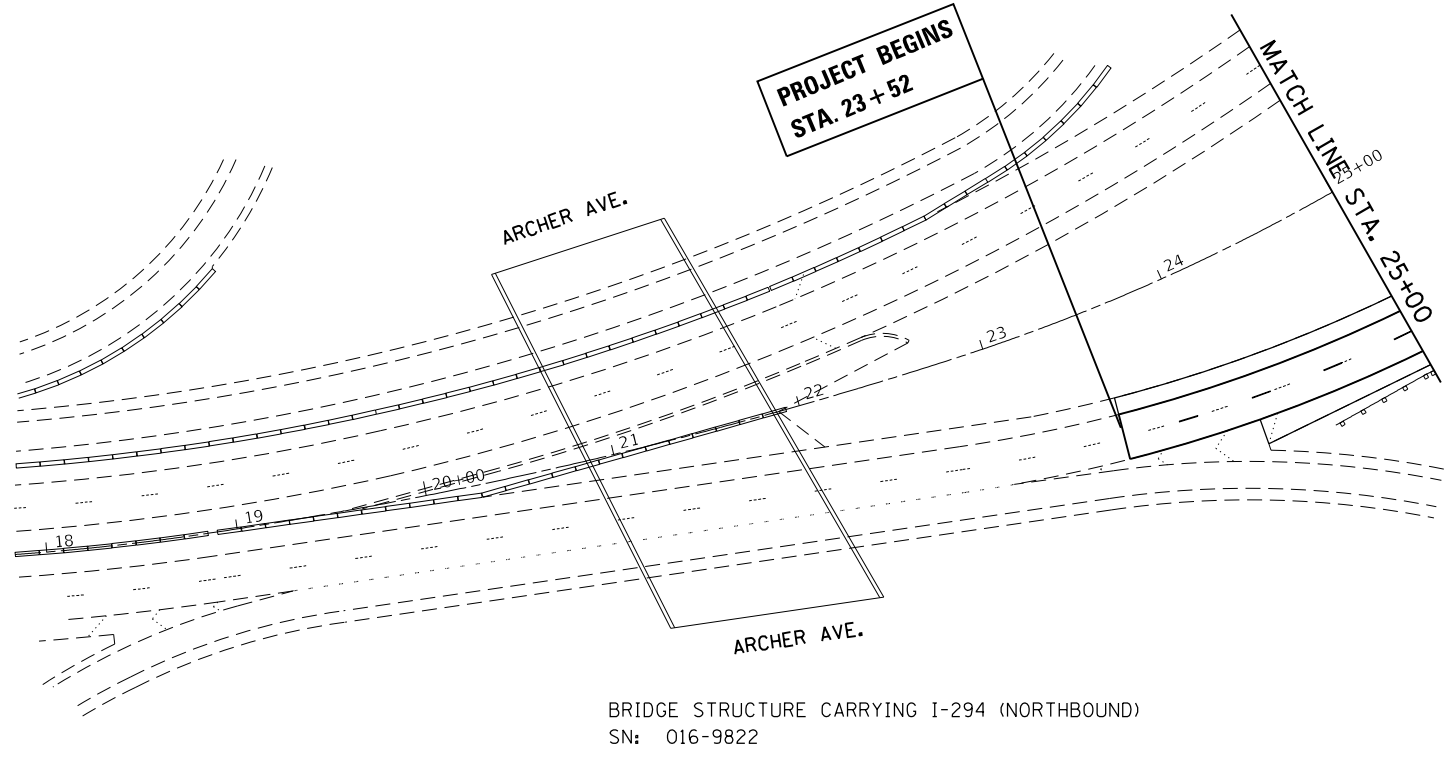
FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.) EXISTING AND PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI01618\Drawings\Design\DI01618-shr-typical.dgn	DRAWN	REVISED -	REVISED -			330	2017-036R5	COOK	100	7A
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 62F58				
PLOT DATE = 5/4/2018	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			



PAVEMENT MARKING LEGEND			
1	PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	9	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
2	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	10	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
3	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	11	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
4	PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	12	PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)
5	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
6	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
7	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2" DASH, 6" SKIP) (TYP.)		
8	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

ROADWAY PROPOSED WORK LEGEND	
A	PROP. HMA SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
B	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
C	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)



MODEL: Default
FILE: \\hpc\p\ul\08\BID\NTEC\Illinois.gov\p\ul\DOT\Documents\DOT_Offices\District 1\Projects\1016\BID\08\BID\08\1618-shr-schedule.dgn

USER NAME = parayno1	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/4/2018	DATE -	REVISED -

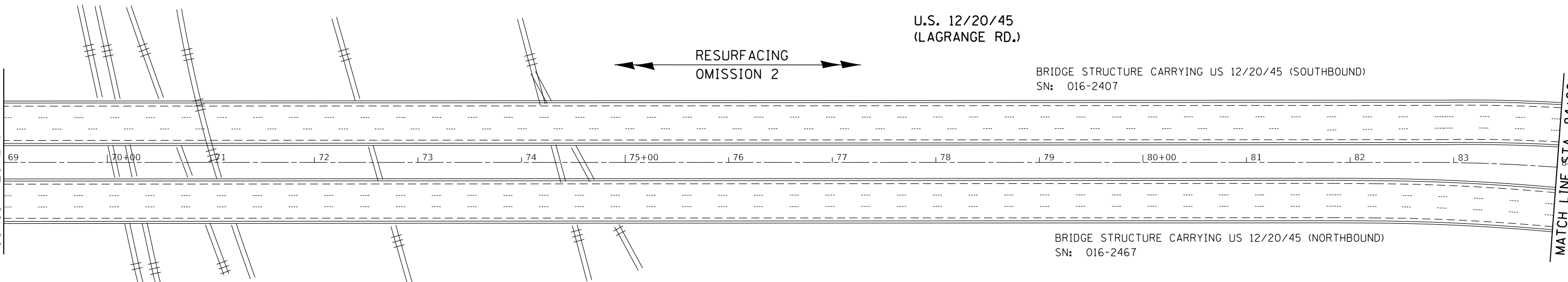
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	8
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nls01\B8A8E8D8\NTEC\Illinois\pwr\pwr\DOT\Documents\DOT - Offices\District 1\Projects\1015\B8A8E8D8\Drawings\1015-18-eh-2-schedule.dgn

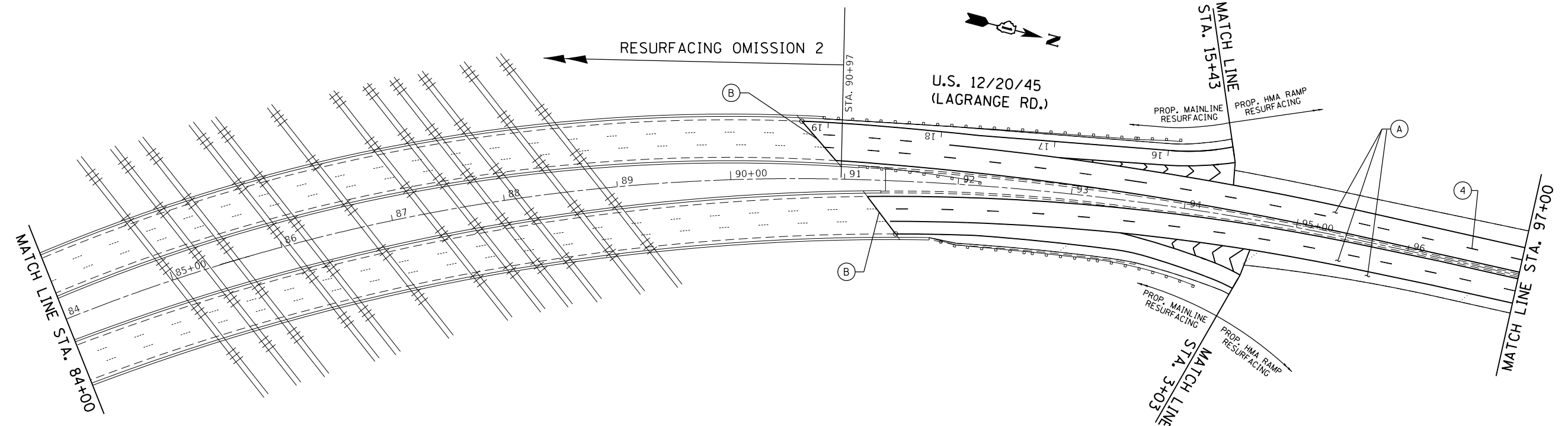
MATCH LINE STA. 69+00



PAVEMENT MARKING LEGEND			
1	PROP. 8" WHITE THERMO. PVT. MKR. LETTERS AND SYMBOLS (TYP.)	9	PROP. THERMO. PVT. MKR.-12" GORE MKR., CHEVRON WHITE (TYP.)
2	PROP. THERMO. PVT. MKR.-4" EDGELINE, SOLID WHITE (TYP.)	10	PROP. THERMO. PVT. MKR.-12" DIAGONAL, YELLOW (TYP.)
3	PROP. THERMO. PVT. MKR.-4" EDGELINE, SOLID YELLOW (TYP.)	11	PROP. THERMO. PVT. MKR.-24" STOP LINE, WHITE (TYP.)
4	PROP. THERMO. PVT. MKR.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	12	PROP. THERMO. PVT. MKR.-12" DIAGONAL, WHITE (TYP.)
5	PROP. THERMO. PVT. MKR.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
6	PROP. THERMO. PVT. MKR.-6" SOLID LINE, WHITE (TYP.)		
7	PROP. THERMO. PVT. MKR.-6" DOTTED LINE, WHITE (2' DASH, 6" SKIP) (TYP.)		
8	PROP. THERMO. PVT. MKR.-8" GORE MKR., SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

ROADWAY PROPOSED WORK LEGEND	
A	PROP. HMA SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
B	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
C	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)

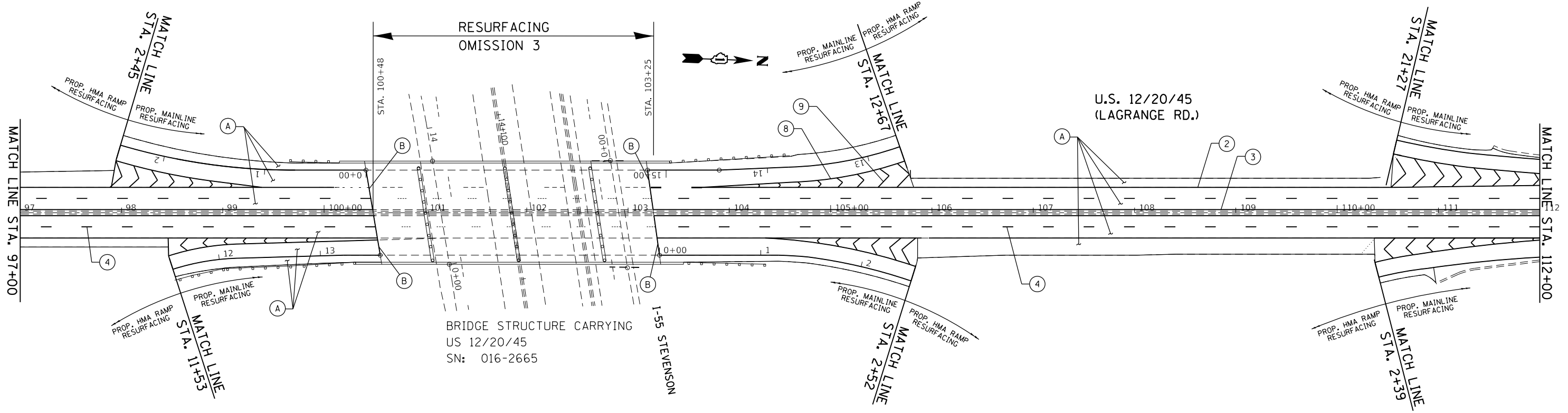


USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -
PLOT DATE = 5/3/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	10
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



ROADWAY PROPOSED WORK LEGEND

(A) PROP. HMA SURFACE REMOVAL, 2 1/2"
 PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4"
 PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

(B) PROP. HMA SURFACE REMOVAL - BUTT JOINT
 LIMIT OF RESURFACING

(C) PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT
 (SEE DETAIL SHEETS)

PAVEMENT MARKING LEGEND

(1) PROP. 8" WHITE THERMO. PVT. MK. LETTERS AND SYMBOLS (TYP.)

(2) PROP. THERMO. PVT. MK. -4" EDGELINE, SOLID WHITE (TYP.)

(3) PROP. THERMO. PVT. MK. -4" EDGELINE, SOLID YELLOW (TYP.)

(4) PROP. THERMO. PVT. MK. -4" 10' DASH - 30' SKIP, WHITE (TYP.)

(5) PROP. THERMO. PVT. MK. -4" CENTERLINE, DOUBLE YELLOW (TYP.)

(6) PROP. THERMO. PVT. MK. -6" SOLID LINE, WHITE (TYP.)

(7) PROP. THERMO. PVT. MK. -6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)

(8) PROP. THERMO. PVT. MK. -8" GORE MK., SOLID WHITE (TYP.)

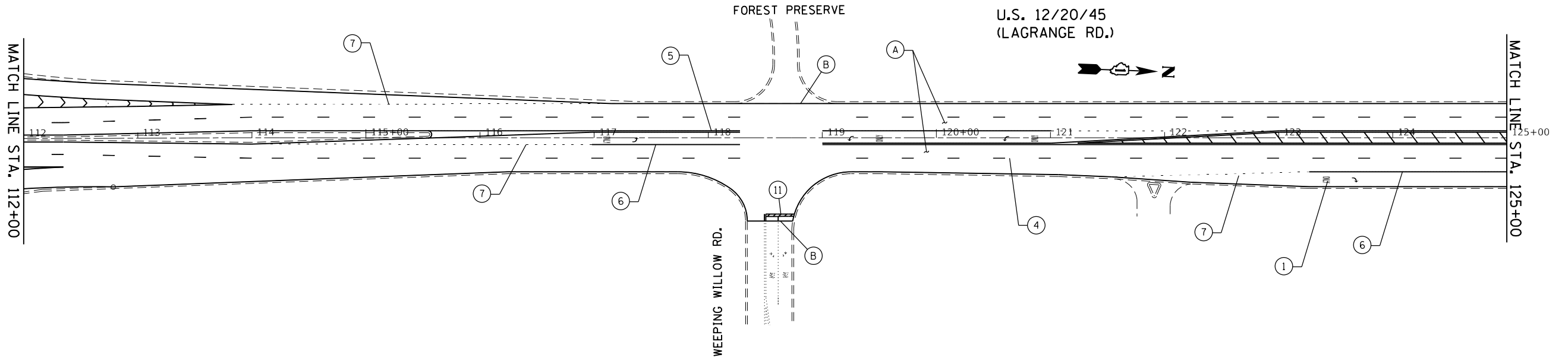
(9) PROP. THERMO. PVT. MK. -12" GORE MK., CHEVRON WHITE (TYP.)

(10) PROP. THERMO. PVT. MK. -12" DIAGONAL, YELLOW (TYP.)

(11) PROP. THERMO. PVT. MK. -24" STOP LINE, WHITE (TYP.)

(12) PROP. THERMO. PVT. MK. -12" DIAGONAL, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



MODEL: Default
 FILE: h:\m\p\proj\10115\p\10115.dwg
 PROJECT: I:\10115\10115.dwg
 OFFICE: DISTRICT 1
 PLOT DATE: 5/3/2018

USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 5/3/2018	DATE -	REVISED -

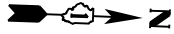
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)

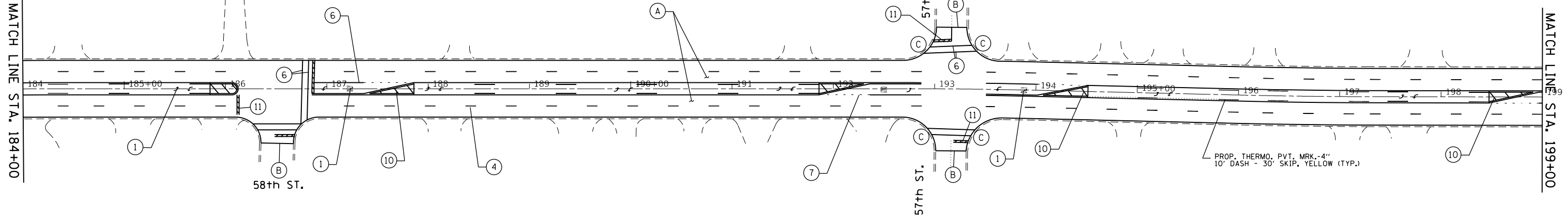
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	11
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

SCALE: SHEET OF SHEETS STA. TO STA.



U.S. 12/20/45
(LAGRANGE RD.)



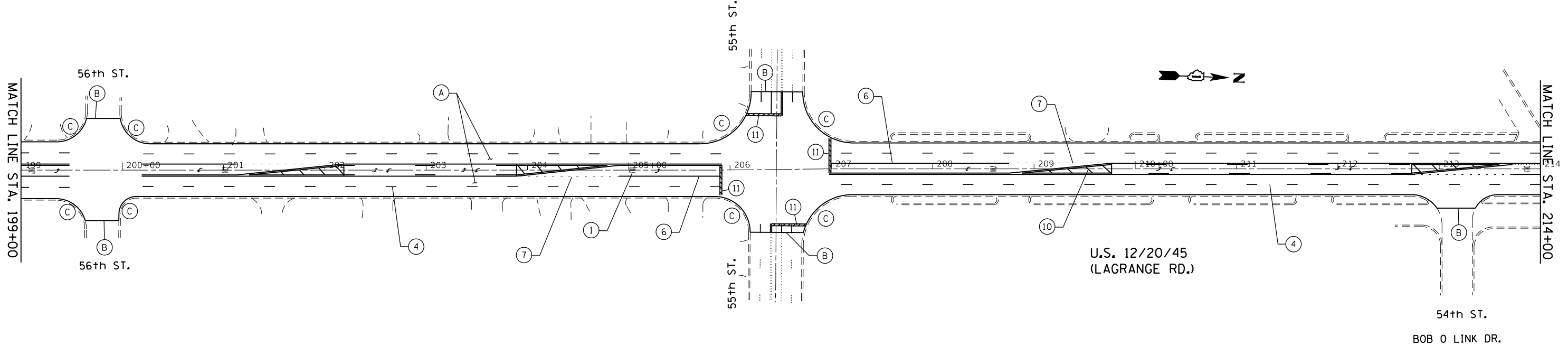
PAVEMENT MARKING LEGEND

<p>① PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)</p> <p>② PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)</p> <p>③ PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)</p> <p>④ PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)</p>	<p>⑤ PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)</p> <p>⑥ PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)</p> <p>⑦ PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6" SKIP) (TYP.)</p> <p>⑧ PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)</p>	<p>⑨ PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)</p> <p>⑩ PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)</p> <p>⑪ PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)</p> <p>⑫ PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)</p>
---	--	--

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

ROADWAY PROPOSED WORK LEGEND

<p>A PROP. HMA SURFACE REMOVAL, 2 1/2"</p> <p>PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4"</p> <p>PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"</p>	<p>B PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING</p>	<p>C PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)</p>
---	--	---



U.S. 12/20/45
(LAGRANGE RD.)

54th ST.
BOB O LINK DR.

MODEL: Default
 FILE: \\nls\p\1108018\BID\NTEC\Illinois\pov\PW\DOT\Documents\DOT_Offices\District 1\Projects\1018\BID\BID\Drawings\1018-18-shr-schedule.dgn

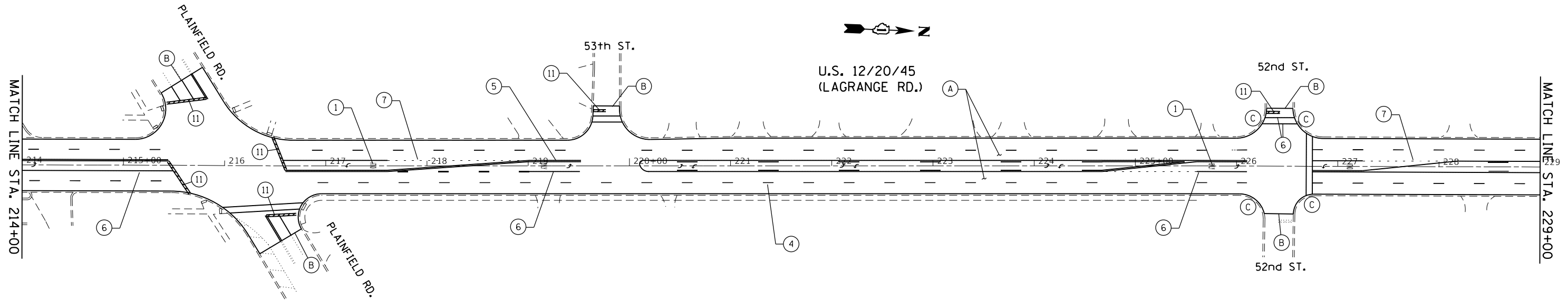
USER NAME = parayno1	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS		100	14
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



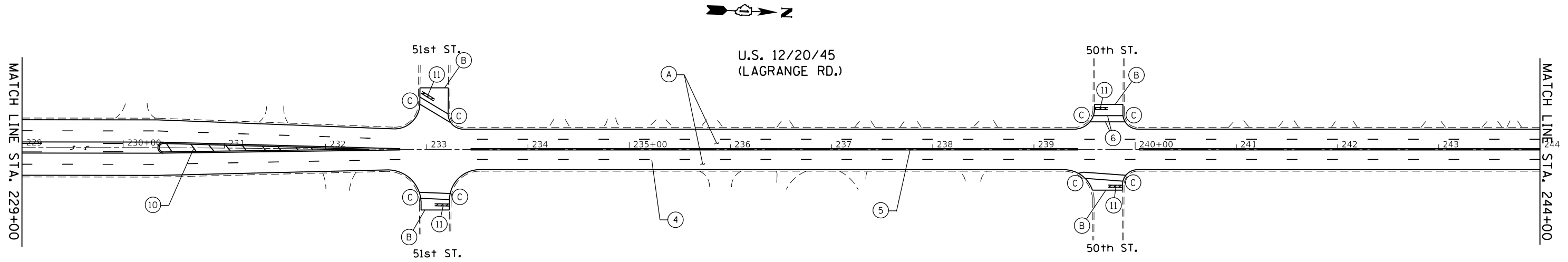
PAVEMENT MARKING LEGEND

① PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	⑤ PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	⑨ PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
② PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	⑥ PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	⑩ PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
③ PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	⑦ PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6" SKIP) (TYP.)	⑪ PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
④ PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	⑧ PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)	⑫ PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

ROADWAY PROPOSED WORK LEGEND

(A)	PROP. HMA SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)



MODEL: Default
 FILE: \\hpc\p\ul\B&E\BID\NTEC\Illinois\gov\FWD\DOT\Documents\130115\BICAD\B&E\Drawings\130115\18-shr-schedule.dgn
 PROJECT: 130115\BICAD\B&E\Drawings\130115\18-shr-schedule.dgn
 OFFICE: District 1
 PLOT DATE: 5/3/2018

USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/3/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

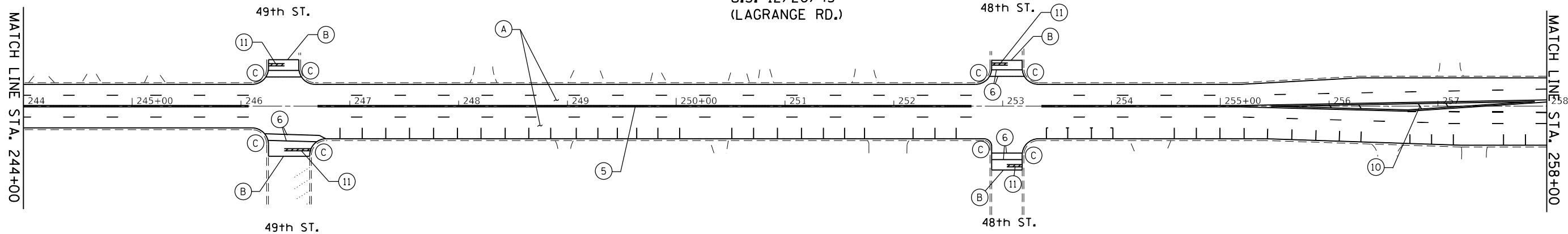
**ROADWAY PLAN
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	15
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



U.S. 12/20/45
(LAGRANGE RD.)



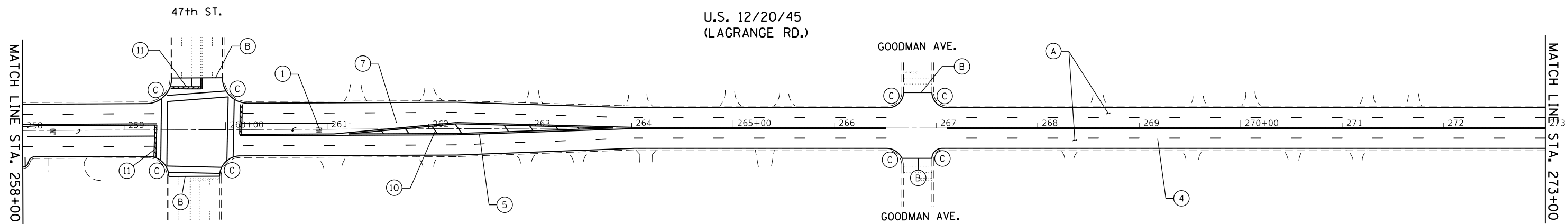
1 PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	5 PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	9 PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
2 PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	6 PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	10 PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
3 PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	7 PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)	11 PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
4 PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	8 PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)	12 PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

A PROP. HMA SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
B PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
C PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)



U.S. 12/20/45
(LAGRANGE RD.)



MODEL: Default
FILE: \\hmc\p\ul\08\EBID\NTEC\Illinois.gov\FWID\DOT\Documents\101618\BID\01618-ah-schedule.dgn

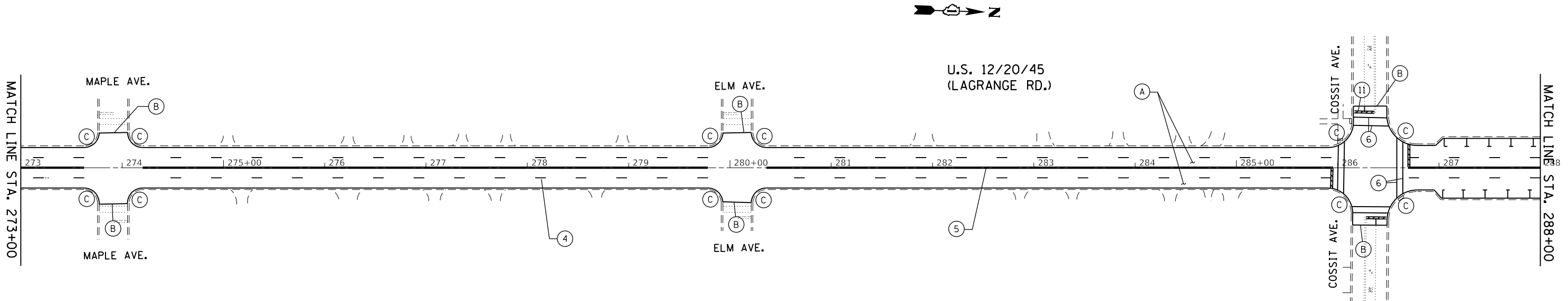
USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 5/3/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	16
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



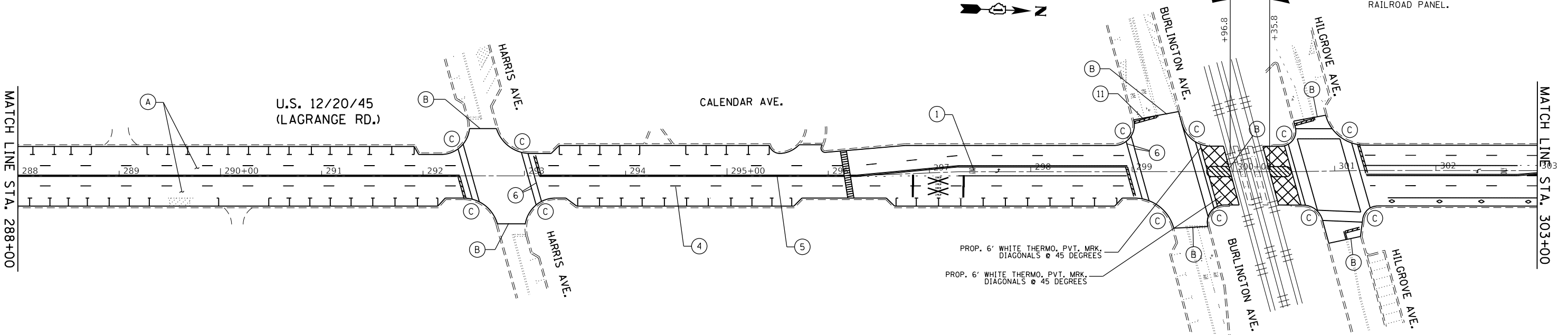
PAVEMENT MARKING LEGEND

1 PROP. 8' WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	5 PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	9 PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
2 PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	6 PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	10 PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
3 PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	7 PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6" SKIP) (TYP.)	11 PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
4 PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	8 PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)	12 PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

ROADWAY PROPOSED WORK LEGEND

A	PROP. HMA SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
B	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
C	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)



NOTE: WITH RAILROAD ENTRY PERMIT AND INSURANCE PROVIDED, EXISTING HMA ROADWAY SHALL BE MILLED AND RESURFACED TO THE EDGE OF THE RAILROAD PANEL.

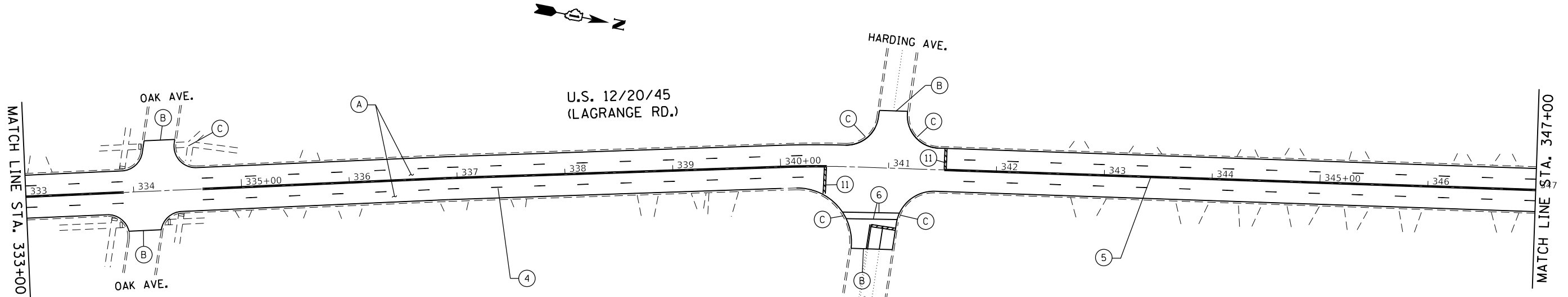
MODEL: Default
 FILE: \\blu08a08e01dntec\illinois\pov\p\w\dot\Documents\31001\p\project\1015\B\CAD\DATA\Design\1015\18-ahr-schedule.dgn

USER NAME = paraynoal	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN	
U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.)	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F58	



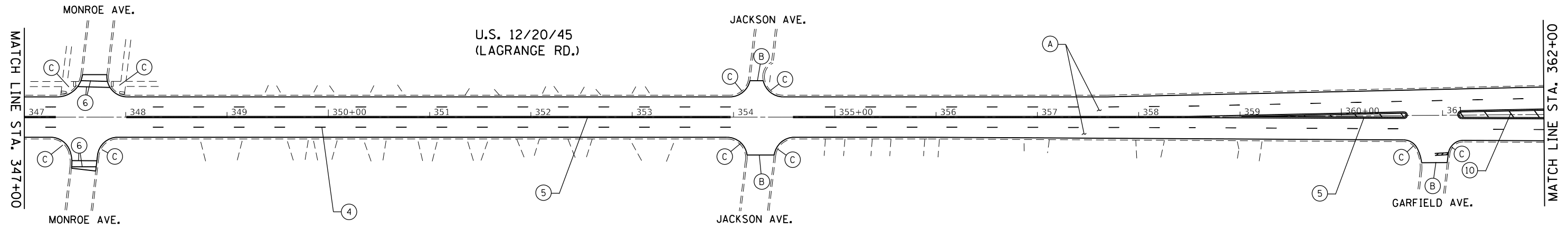
ROADWAY PROPOSED WORK LEGEND

(A)	PROP. HMA SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)

PAVEMENT MARKING LEGEND

(1)	PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(9)	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(2)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(10)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
(3)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	(11)	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
(4)	PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	(12)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)
(5)	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
(6)	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
(7)	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6" SKIP) (TYP.)		
(8)	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13



USER NAME = paraynoal	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / 11"	DRAWN -	REVISED -
PLOT DATE = 5/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

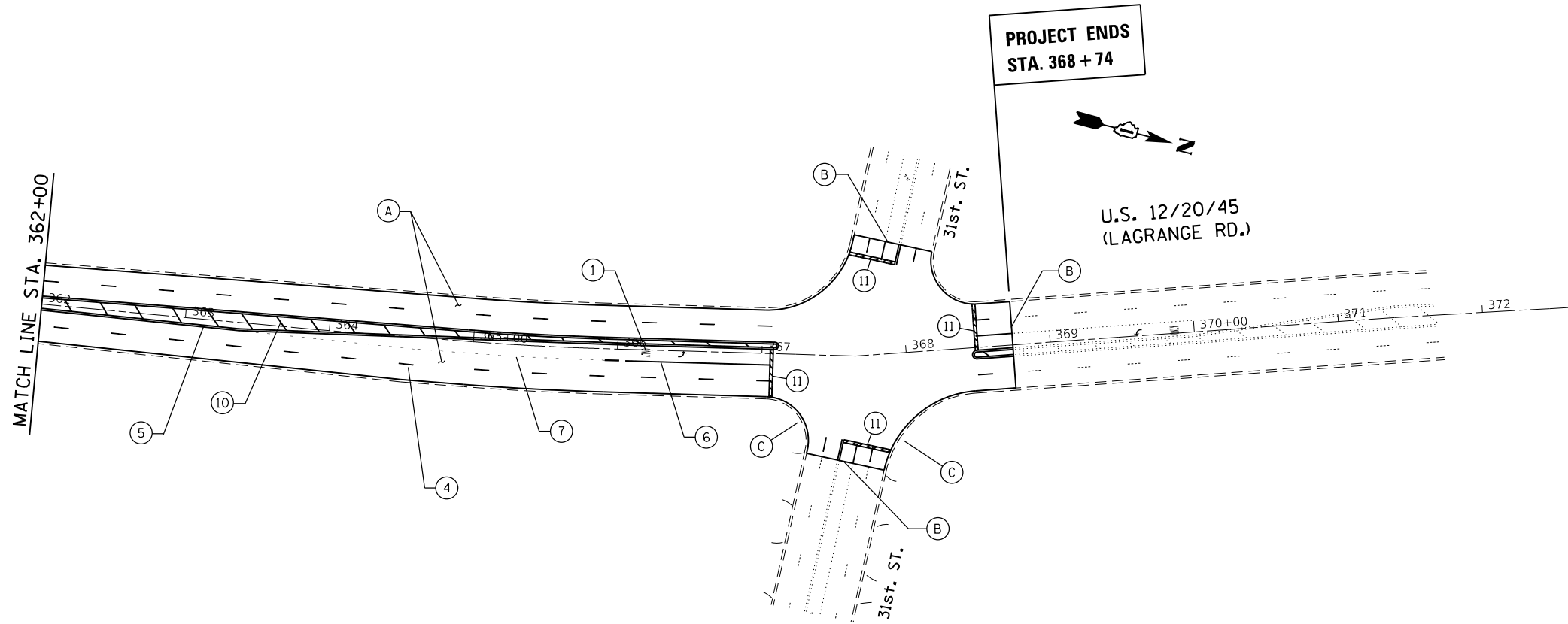
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	19
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\hpc\p\ul\846816\DOT\Illinois\gov\PIVDOT\Documents\DOT Office\District 1\Projects\101516\ICADData\Defn\10151618-ahr-sched\ul.dgn



PROJECT ENDS
STA. 368 + 74

U.S. 12/20/45
(LAGRANGE RD.)

MATCH LINE STA. 362+00

ROADWAY PROPOSED WORK LEGEND	
(A)	PROP. HMA SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, N80, 9.5, 1 3/4" PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
(B)	PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING
(C)	PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)

PAVEMENT MARKING LEGEND			
(1)	PROP. 8' WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	(9)	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
(2)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	(10)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
(3)	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	(11)	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
(4)	PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	(12)	PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)
(5)	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
(6)	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
(7)	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)		
(8)	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

MODEL: Default
FILE: \\hills.illinois.gov\pww\DOT\Documents\DOT_Offices\District_1\Projects\1016\1618\hills-schedule.dgn

USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/3/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

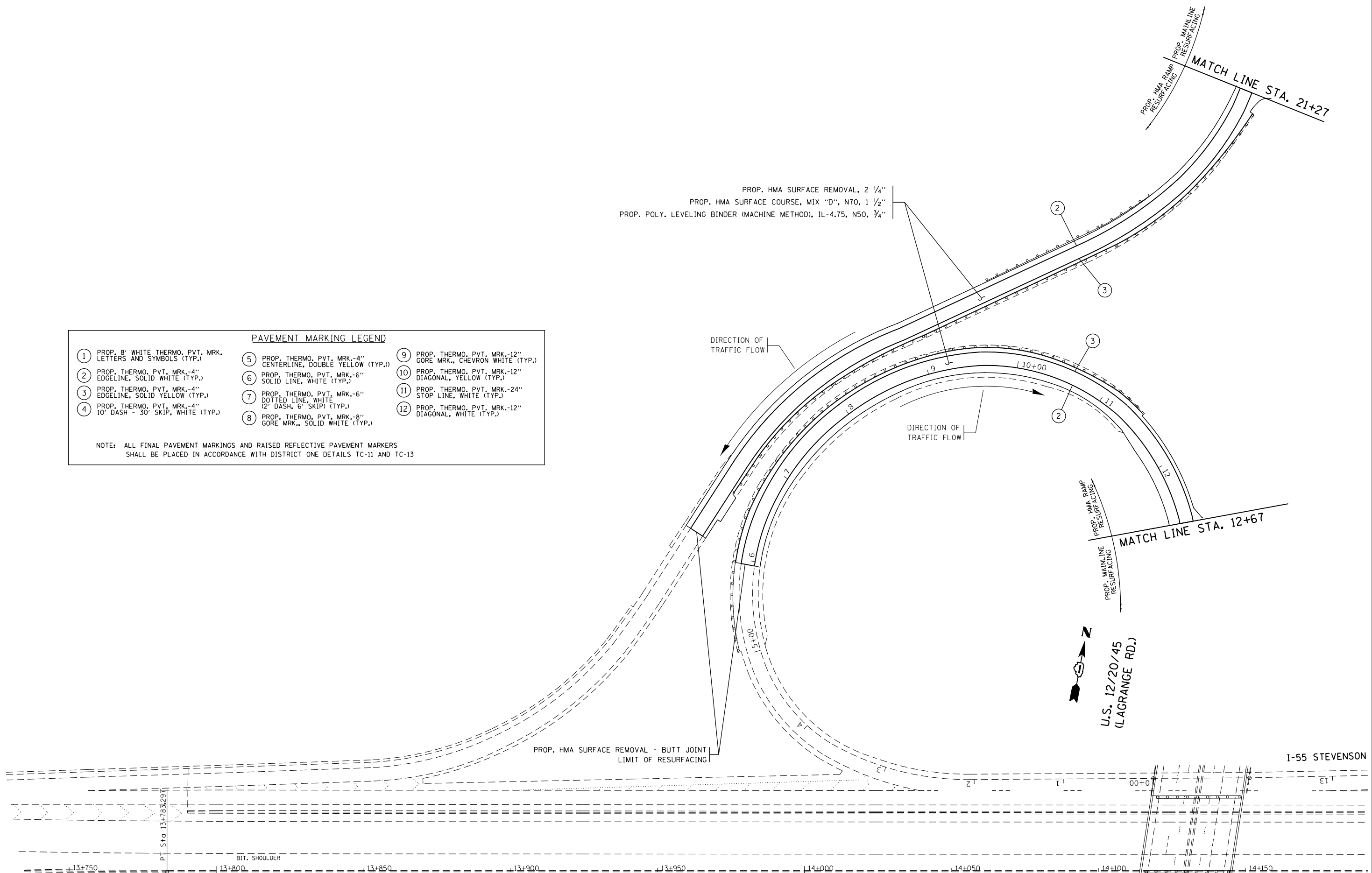
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	19A
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: P:\ILLINOIS\BID\NITEC\Illinois\pvt\pvt\DOT\Documents\DOT Office\District 1\Projects\1016\BID\BID\BID\BID\101618-ahr-schedule.dgn

PAVEMENT MARKING LEGEND		
① PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	⑤ PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)	⑨ PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
② PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	⑥ PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)	⑩ PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
③ PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	⑦ PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2" DASH, 6" SKIP) (TYP.)	⑪ PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
④ PROP. THERMO. PVT. MRK.-4" 10" DASH - 30' SKIP, WHITE (TYP.)	⑧ PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)	⑫ PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
 PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"



USER NAME = paraynoal	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-55 AT LAGRANGE RD. RAMPS NORTHWEST QUADRANT	
SCALE: 1"=50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 20
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 2+39

PROP. MAINLINE RESURFACING

PROP. HMA RAMP RESURFACING

PROP. HMA SURFACE REMOVAL, 2 1/4"

PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"

PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PAVEMENT MARKING LEGEND			
①	PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	⑨	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
②	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	⑩	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
③	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	⑪	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
④	PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	⑫	PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)
⑤	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
⑥	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
⑦	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2" DASH, 6" SKIP) (TYP.)		
⑧	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

U.S. 12/20/45
(LAGRANGE RD.)

MATCH LINE STA. 2+52

PROP. HMA RAMP RESURFACING

PROP. MAINLINE RESURFACING

PROP. HMA SURFACE REMOVAL - BUTT JOINT LIMIT OF RESURFACING

DIRECTION OF TRAFFIC FLOW

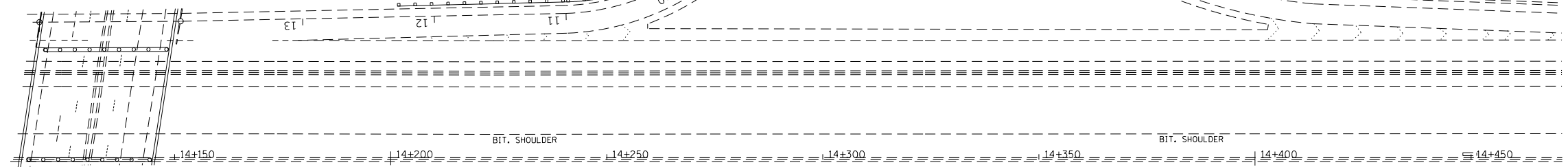
DIRECTION OF TRAFFIC FLOW



TO NORTHBOUND LAGRANGE ROAD

I-55 STEVENSON

RAMP FROM LAGRANGE ROAD



MODEL: Default
FILE: \\mhc\p\ul\08\EBID\NTEC\Illinois\pov\p\WIDOT\Documents\DOT_Offices\DI\116\116\CADD\data\Defm\101618-ahr-schedule.dgn

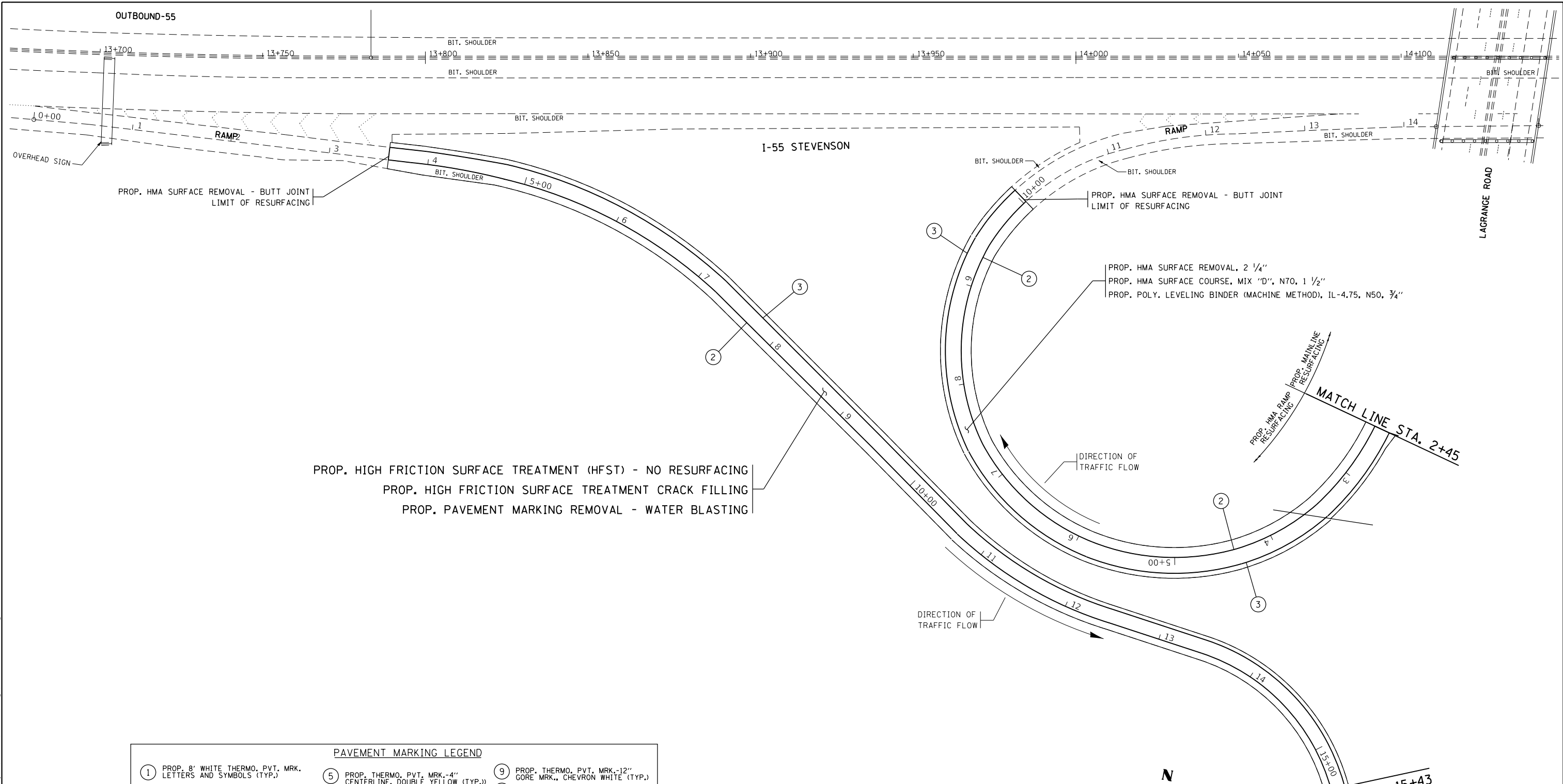
USER NAME = paraynoal	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 AT LAGRANGE RD.
NORTHEAST QUADRANT

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	21
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



PROP. HMA SURFACE REMOVAL - BUTT JOINT
LIMIT OF RESURFACING

PROP. HMA SURFACE REMOVAL - BUTT JOINT
LIMIT OF RESURFACING

PROP. HMA SURFACE REMOVAL, 2 1/4"
PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PROP. HIGH FRICTION SURFACE TREATMENT (HFST) - NO RESURFACING
PROP. HIGH FRICTION SURFACE TREATMENT CRACK FILLING
PROP. PAVEMENT MARKING REMOVAL - WATER BLASTING

PAVEMENT MARKING LEGEND			
1	PROP. 8" WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	9	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
2	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	10	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
3	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	11	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
4	PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	12	PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)
5	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
6	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
7	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)		
8	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

NOTE:
- EXIST. PVT. MRK. SHALL BE REMOVED BEFORE HFST APPLICATION.
- EXACT LOCATIONS FOR PATCHES TO BE DETERMINED BY RESIDENT ENGINEER



MODEL: Default
FILE: \\msc01\pub\B&E\BID\NTEC\Illinois\gov\PIWDOT\Documents\130116\BID\001\1618-ahr-schedule.dgn

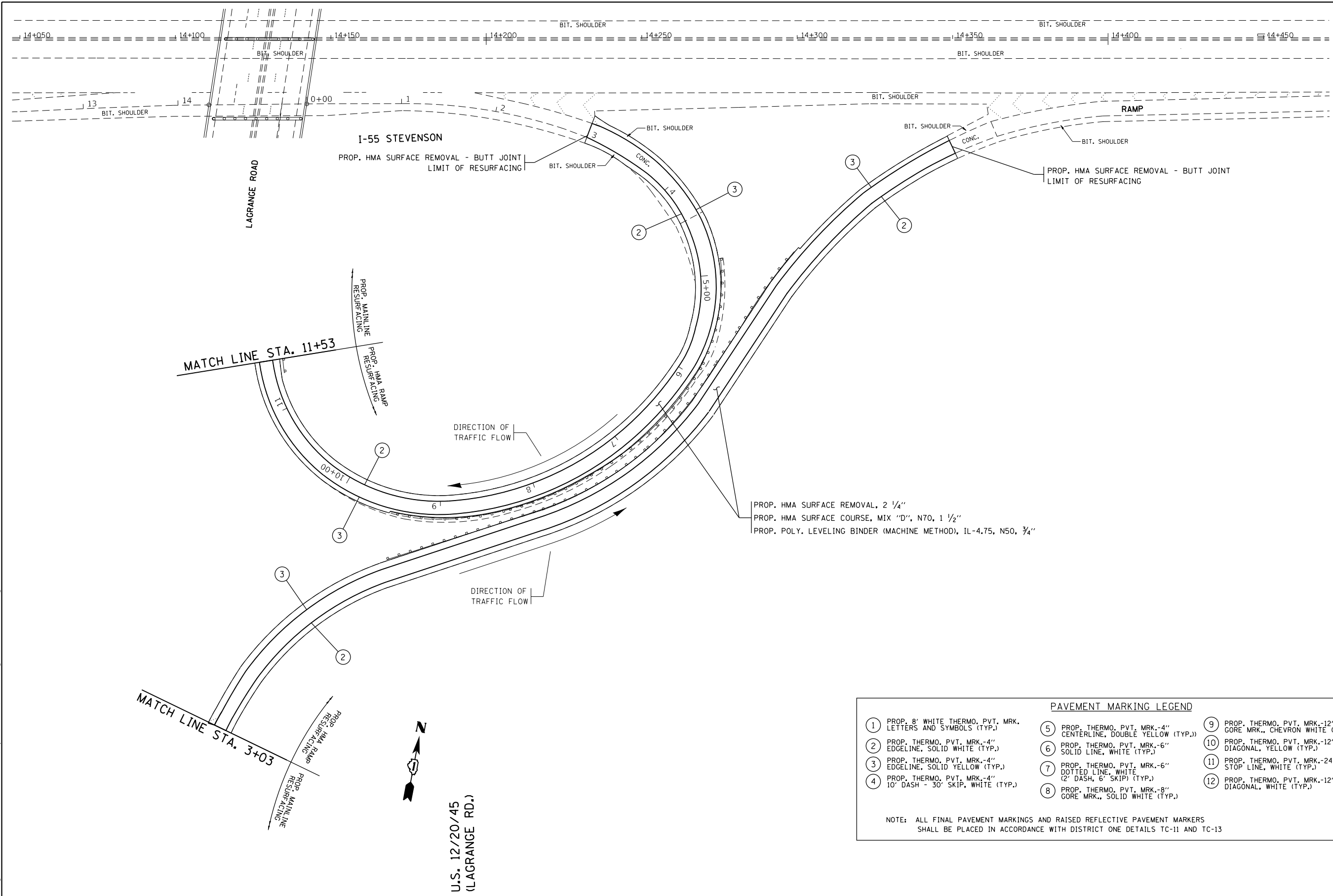
USER NAME = paraynoal	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 AT LAGRANGE RD.
SOUTHWEST QUADRANT

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	22
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
 PROP. POLY. LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"

PAVEMENT MARKING LEGEND			
1	PROP. 8' WHITE THERMO. PVT. MRK. LETTERS AND SYMBOLS (TYP.)	9	PROP. THERMO. PVT. MRK.-12" GORE MRK., CHEVRON WHITE (TYP.)
2	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID WHITE (TYP.)	10	PROP. THERMO. PVT. MRK.-12" DIAGONAL, YELLOW (TYP.)
3	PROP. THERMO. PVT. MRK.-4" EDGELINE, SOLID YELLOW (TYP.)	11	PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)
4	PROP. THERMO. PVT. MRK.-4" 10' DASH - 30' SKIP, WHITE (TYP.)	12	PROP. THERMO. PVT. MRK.-12" DIAGONAL, WHITE (TYP.)
5	PROP. THERMO. PVT. MRK.-4" CENTERLINE, DOUBLE YELLOW (TYP.)		
6	PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)		
7	PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE (2' DASH, 6' SKIP) (TYP.)		
8	PROP. THERMO. PVT. MRK.-8" GORE MRK., SOLID WHITE (TYP.)		

NOTE: ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

MODEL: Default
 FILE NAME: p:\u0000\BID\NTEC\Illinois\gov\PIV\DOT\Documents\DOT Office\Director 1\Projects\1015\BID\000\000\000\1015-18-sch-schedule.dgn

USER NAME = paraynoal	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/3/2018	CHECKED -	REVISED -
	DATE -	REVISED -

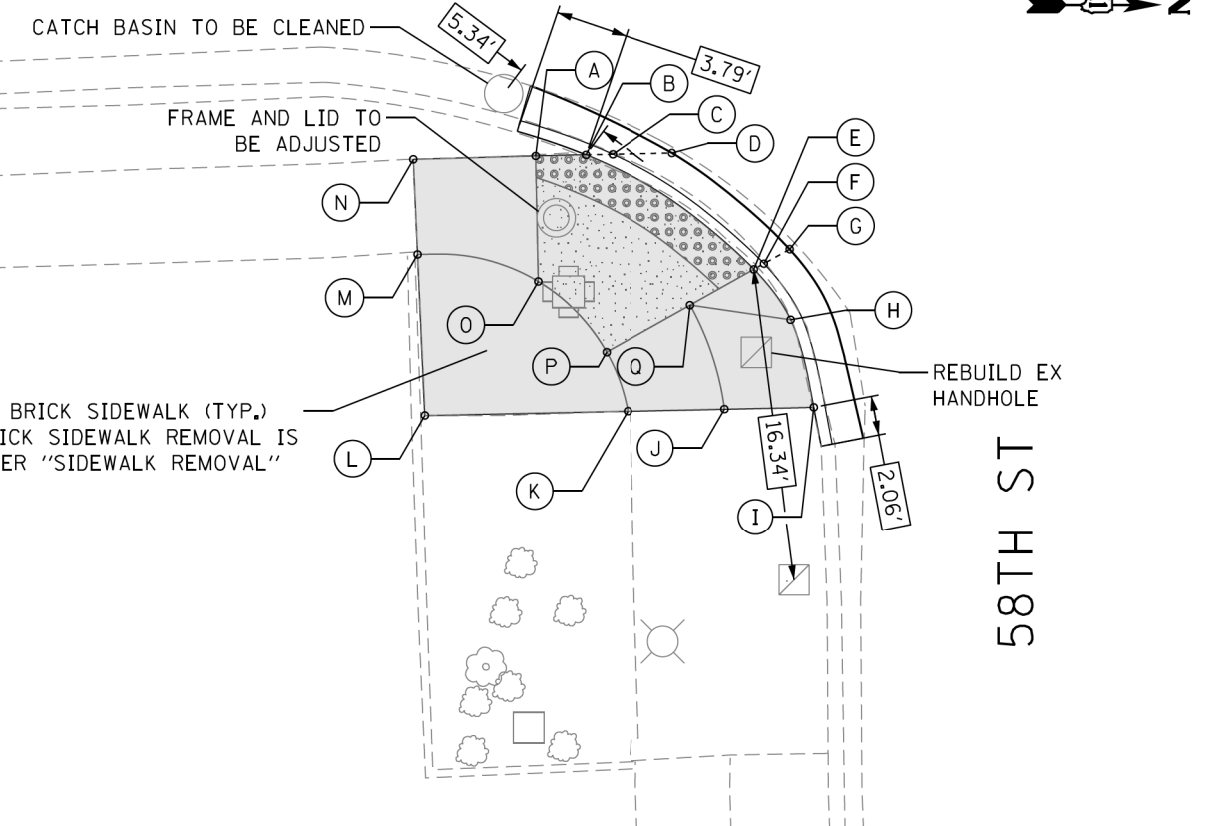
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-55 AT LAGRANGE RD.
 SOUTHEAST QUADRANT**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 23
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

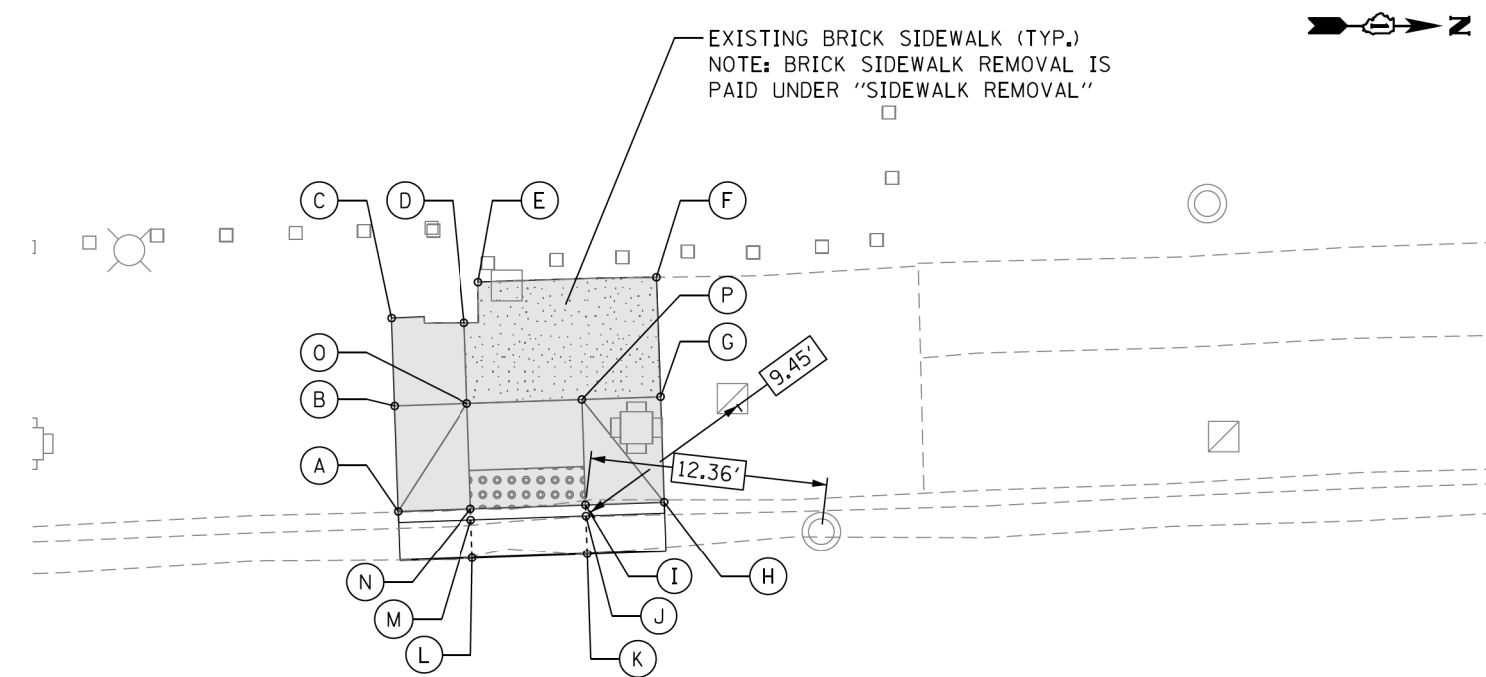
U.S. 12/20/45 (LAGRANGE RD.)



EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

58TH ST

U.S. 12/20/45 (LAGRANGE RD.)



SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	5.49	1.60
A-N	3.80	10.00
B-C	4.57	1.60
B-O	3.80	2.60
C-D	3.80	4.50
D-O	4.20	0.00
E-F	9.29	1.20
F-G	6.22	1.40
G-H	5.49	0.90
H-I	4.10	10.00
I-P	5.49	7.10
I-N	6.00	0.33
N-O	5.49	6.70
O-P	6.00	0.00

POINT	EX. ELEV.	PR. ELEV.
A	(654.88)	654.88
B	(654.97)	654.97
C	(655.04)	655.04
D	(655.03)	654.87
E	(654.89)	654.89
F	(655.00)	655.00
G	(654.91)	654.91
H	(654.89)	654.89
I	(654.76)	654.48
J	(654.46)	654.44
K	(654.46)	654.46
L	(654.50)	654.50
M	(654.52)	654.46
N	(654.66)	654.50
O	(654.89)	654.87
P	(654.87)	654.87

POINT	EX. ELEV.	PR. ELEV.
A	(655.09)	654.81
B	(654.97)	654.81
C	(654.71)	654.77
D	(654.75)	654.75
E	(654.64)	654.65
F	(654.58)	654.61
G	(654.61)	654.61
H	(654.73)	654.73
I	(654.68)	654.68
J	(654.70)	654.70
K	(654.71)	654.71
L	(654.79)	654.79
M	(654.94)	654.94
N	(655.08)	655.08
O	(655.08)	654.81
P	(654.86)	654.77
Q	(654.68)	654.71

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	2.62	0.00
A-N	6.39	2.70
A-O	6.54	0.00
E-H	3.26	2.40
E-O	3.81	1.40
H-I	4.73	1.10
I-J	4.66	0.40
J-O	5.74	0.20
J-K	5.04	0.20
K-L	10.60	0.70
K-P	3.28	1.80
L-M	8.39	2.90
M-N	5.00	2.80
M-O	6.55	3.40
O-P	5.18	0.80
P-Q	5.00	1.40

REFERENCE CONTROL POINT ELEV : 654.58'
 NORTHING : 1864617.42
 EASTING : 1111074.87
 CONTROL POINT NO : 130 (MAG NAIL AT NORTHEAST OF 58TH ST @ LAGRANGE RD.)
 LOCATION : SET MAG NAIL AT NE OF 58TH ST +/- 10.80' EAST OF BACK OF CURB LINE ON E SIDE LA GRANGE, +/- 10.0' NORTH OF BACK OF CURB LINE ON NORTH SIDE 58TH ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM "EE"
 ELEV.=655.03
 SET CUT SQUARE AT NORTHEAST CORNER OF 58TH STREET AND LAGRANGE ROAD ON SW'LY CORNER OF A CONCRETE BASE OF TRAFFIC CONTROLLER BOX ABOUT 5FT NORTH OF BACK OF CURB AND ABOUT 15 FT EAST OF TRAFFIC LIGHT

P:\66616005\18-PT1717-204-W018-62F58-ADA_Ramps_La_Grange\01CAD\05Sheet\62F58-ADA_Sheet_Ldgn



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23 -6783

USER NAME = tnohammed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

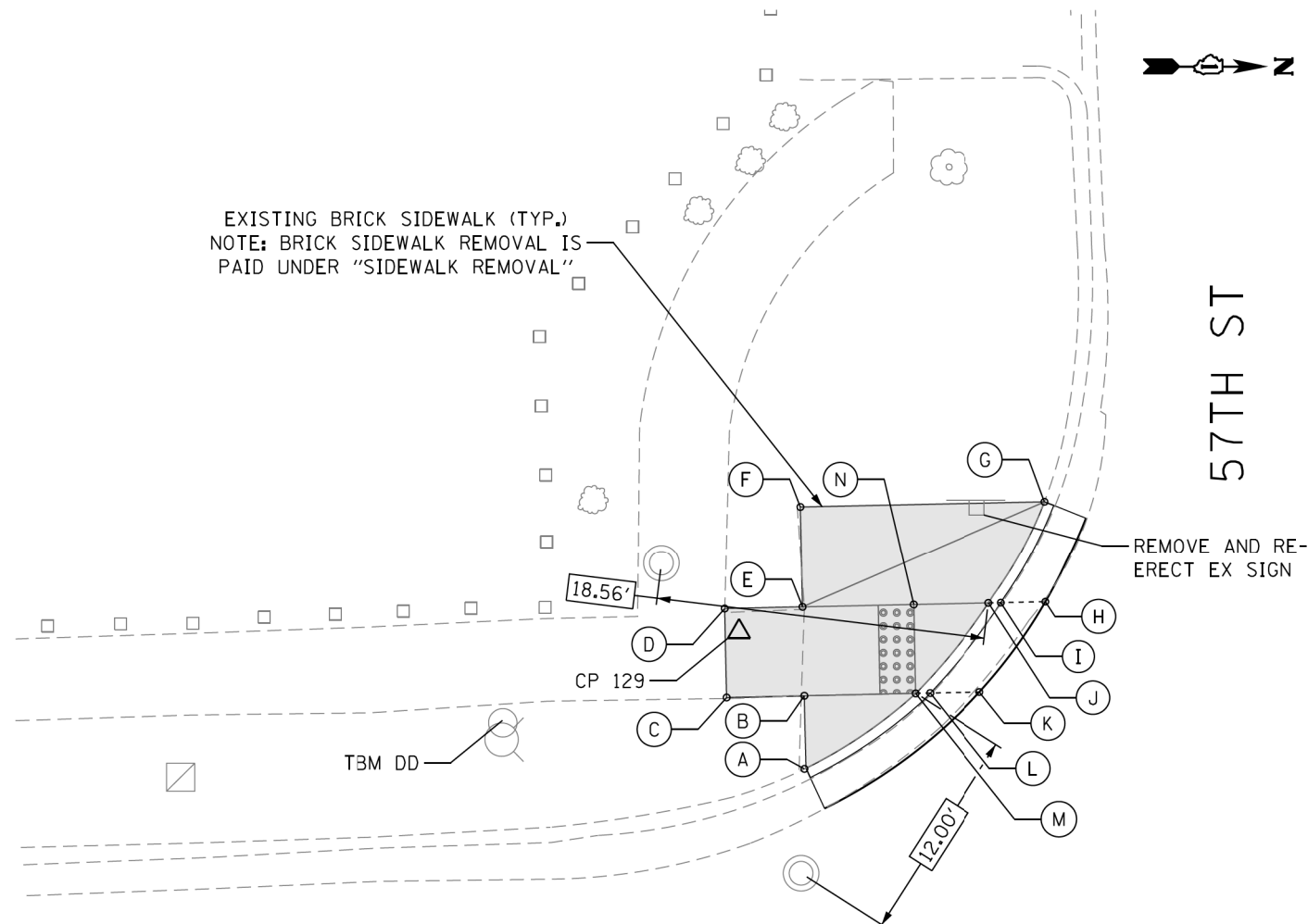
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 1 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	24
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 01



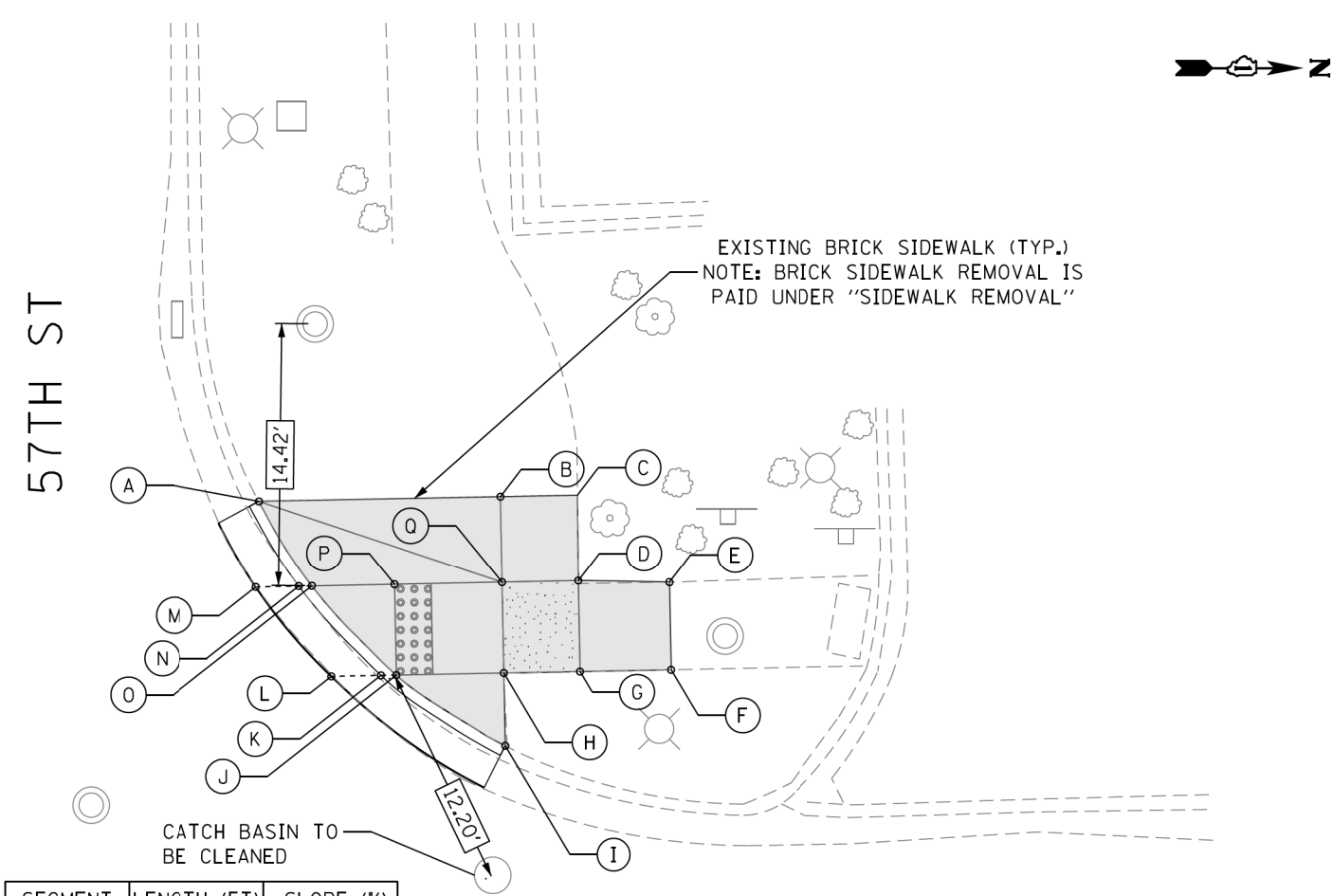
EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

REMOVE AND RE-ERECT EX SIGN

U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(651.03)	651.03
B	(651.10)	650.86
C	(651.10)	651.10
D	(651.14)	651.14
E	(651.07)	650.88
F	(651.01)	651.01
G	(650.75)	650.75
H	(650.42)	650.46
I	(650.35)	650.43
J	(650.45)	650.47
K	(650.41)	650.49
L	(650.46)	650.48
M	(650.57)	650.52
N	(650.72)	650.52

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	4.07	4.20
A-M	7.50	6.80
B-C	4.37	5.50
B-M	6.25	5.50
C-D	5.00	0.80
C-M	10.62	5.50
D-E	4.37	5.80
D-N	10.62	5.80
E-F	5.66	2.30
E-N	6.25	5.80
F-G	13.76	1.90
G-J	6.56	4.30
J-N	4.24	1.20
M-N	5.00	0.00



EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

CATCH BASIN TO BE CLEANED

U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	13.27	0.80
A-O	5.52	2.20
B-C	4.18	1.00
B-Q	4.73	1.70
C-D	4.73	1.70
D-E	5.00	0.80
D-G	5.00	0.00
D-Q	4.18	1.00
E-F	4.82	0.40
F-G	5.00	1.00
G-H	4.18	1.00
H-I	4.00	5.80
H-J	5.90	5.40
H-Q	5.00	0.00
I-J	7.14	7.70
J-P	5.00	0.00
O-P	4.54	0.90
P-Q	5.90	5.40

POINT	EX. ELEV.	PR. ELEV.
A	(650.86)	650.86
B	(650.97)	650.97
C	(651.01)	651.01
D	(651.08)	651.09
E	(651.12)	651.12
F	(651.14)	651.14
G	(651.21)	651.09
H	(651.29)	651.05
I	(651.28)	651.28
J	(650.79)	650.73
K	(650.72)	650.69
L	(650.71)	650.71
M	(650.66)	650.66
N	(650.61)	650.65
O	(651.13)	650.73
P	(650.86)	651.05

REFERENCE CONTROL POINT ELEV : 651.12'
NORTHING : 1865213.92
EASTING : 1110967.786
CONTROL POINT NO : 129 (FIND CROSS AT SOUTHWEST OF 57TH ST & LAGRANGE RD)
LOCATION : FIND CROSS AT SOUTHWEST OF 57TH ST +/- 9.80' WEST OF BACK OF CURB
ON WEST SIDE OF LAGRANGE, +/- 14.50' SOUTH OF BACK OF CURB LINE ON SOUTH SIDE 57TH ST

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM "DD"
ELEV.=652.63
SET SQUARE ON TAG BOLT ON WEST SIDE OF FIRE HYDRANT ON SOUTHWEST CORNER AT 57TH STREET



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 2 OF 50 SHEETS STA. TO STA.

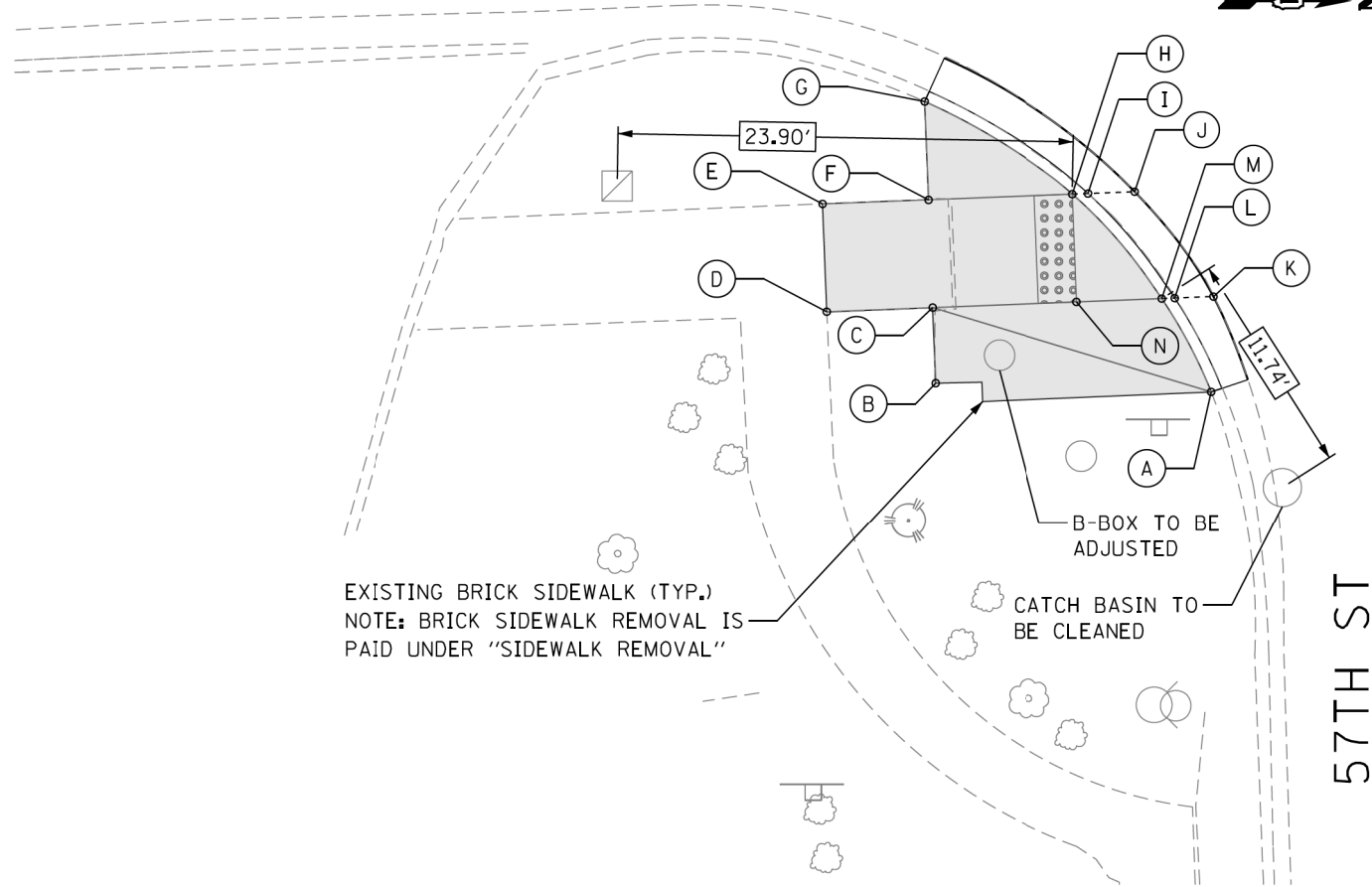
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	25
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

P:\66616005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_2.dgn

ADA - 02

U.S. 12/20/45 (LAGRANGE RD.)



EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

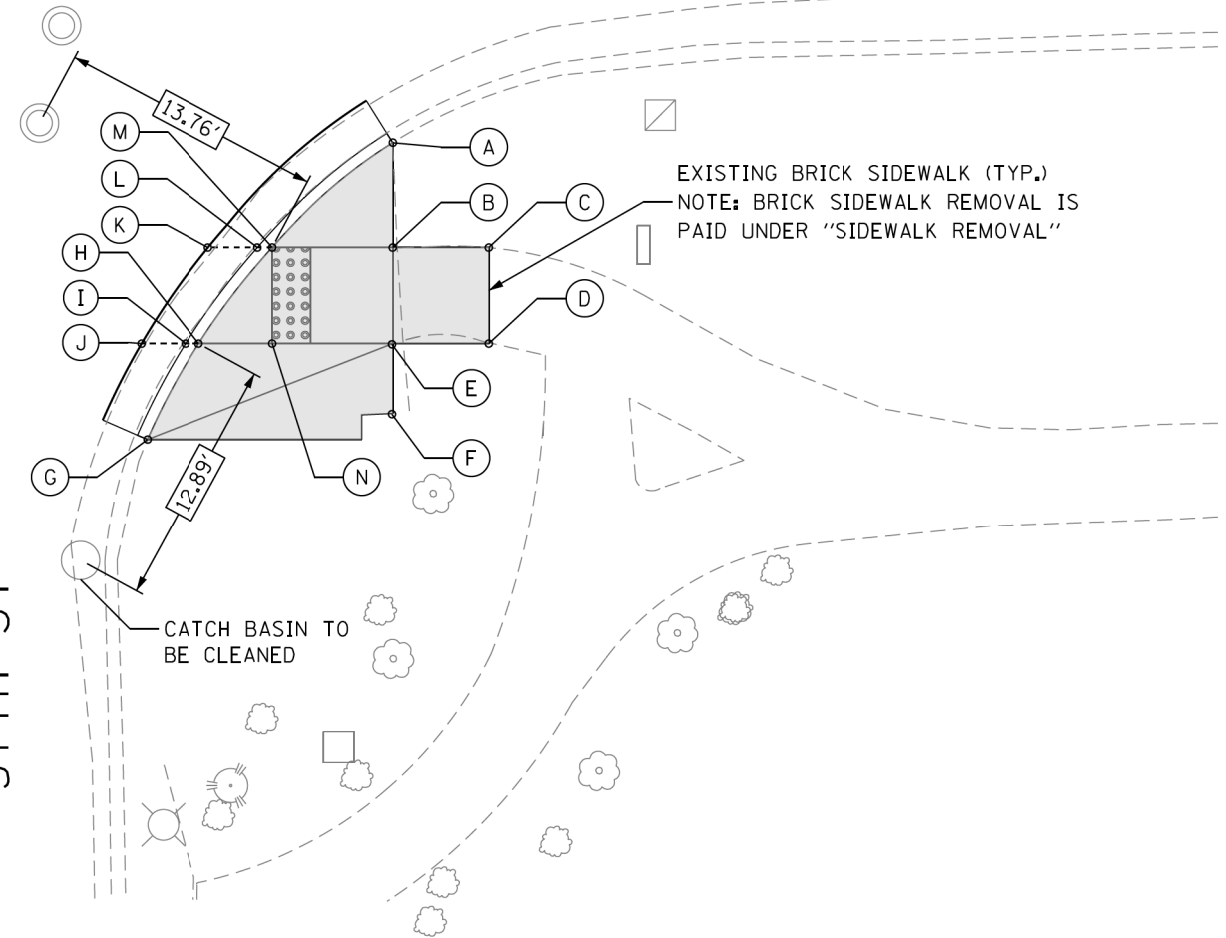
B-BOX TO BE ADJUSTED
CATCH BASIN TO BE CLEANED

57TH ST

POINT	EX. ELEV.	PR. ELEV.
A	(650.60)	650.60
B	(650.95)	650.95
C	(650.97)	650.82
D	(651.09)	651.09
E	(651.02)	651.02
F	(650.93)	650.78
G	(650.88)	650.82
H	(650.60)	650.46
I	(650.52)	650.42
J	(650.50)	650.46
K	(650.32)	650.37
L	(650.40)	650.36
M	(650.55)	650.40
N	(650.74)	650.46

SEGMENT	LENGTH (FT)	SLOPE (%)
A-M	5.54	3.60
B-C	4.00	1.75
C-D	5.56	4.80
C-N	7.58	4.80
D-E	5.00	1.40
D-N	13.14	4.80
E-F	5.56	4.30
E-H	13.14	4.30
F-G	5.15	0.80
F-H	7.58	4.30
G-H	9.20	3.90
H-N	5.00	5.00
M-N	4.47	1.10

U.S. 12/20/45 (LAGRANGE RD.)



EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

CATCH BASIN TO BE CLEANED

57TH ST

POINT	EX. ELEV.	PR. ELEV.
A	(651.31)	651.31
B	(651.02)	651.01
C	(651.11)	651.11
D	(650.97)	650.97
E	(650.88)	650.96
F	(650.84)	650.84
G	(650.87)	650.87
H	(650.80)	650.71
I	(650.71)	650.67
J	(650.69)	650.69
K	(650.82)	650.76
L	(650.88)	650.74
M	(650.94)	650.78
N	(650.85)	650.76

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	5.45	5.50
A-M	8.36	6.30
B-C	5.00	2.00
B-M	6.29	3.70
B-E	5.00	1.00
C-D	5.00	2.80
D-E	5.00	0.20
E-F	3.64	3.30
E-N	6.29	3.20
G-H	5.67	2.80
H-N	3.84	1.30
M-N	5.00	0.40

REFERENCE CONTROL POINT ELEV : 651.12'
NORTHING : 1865213.92
EASTING : 1110967.786
CONTROL POINT NO : 129 (FIND CROSS AT SOUTHWEST OF 57TH ST & LAGRANGE RD)
LOCATION : FIND CROSS AT SOUTHWEST OF 57TH ST +/- 9.80' WEST OF BACK OF CURB
ON WEST SIDE OF LAGRANGE, +/- 14.50' SOUTH OF BACK OF CURB LINE ON SOUTH SIDE 57TH ST

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM "DD"
ELEV.=652.63
SET SQUARE ON TAG BOLT ON WEST SIDE OF FIRE HYDRANT ON SOUTHWEST CORNER AT 57TH STREET

P:\60616005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\22F58_ADA_Sheet_3.dgn



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

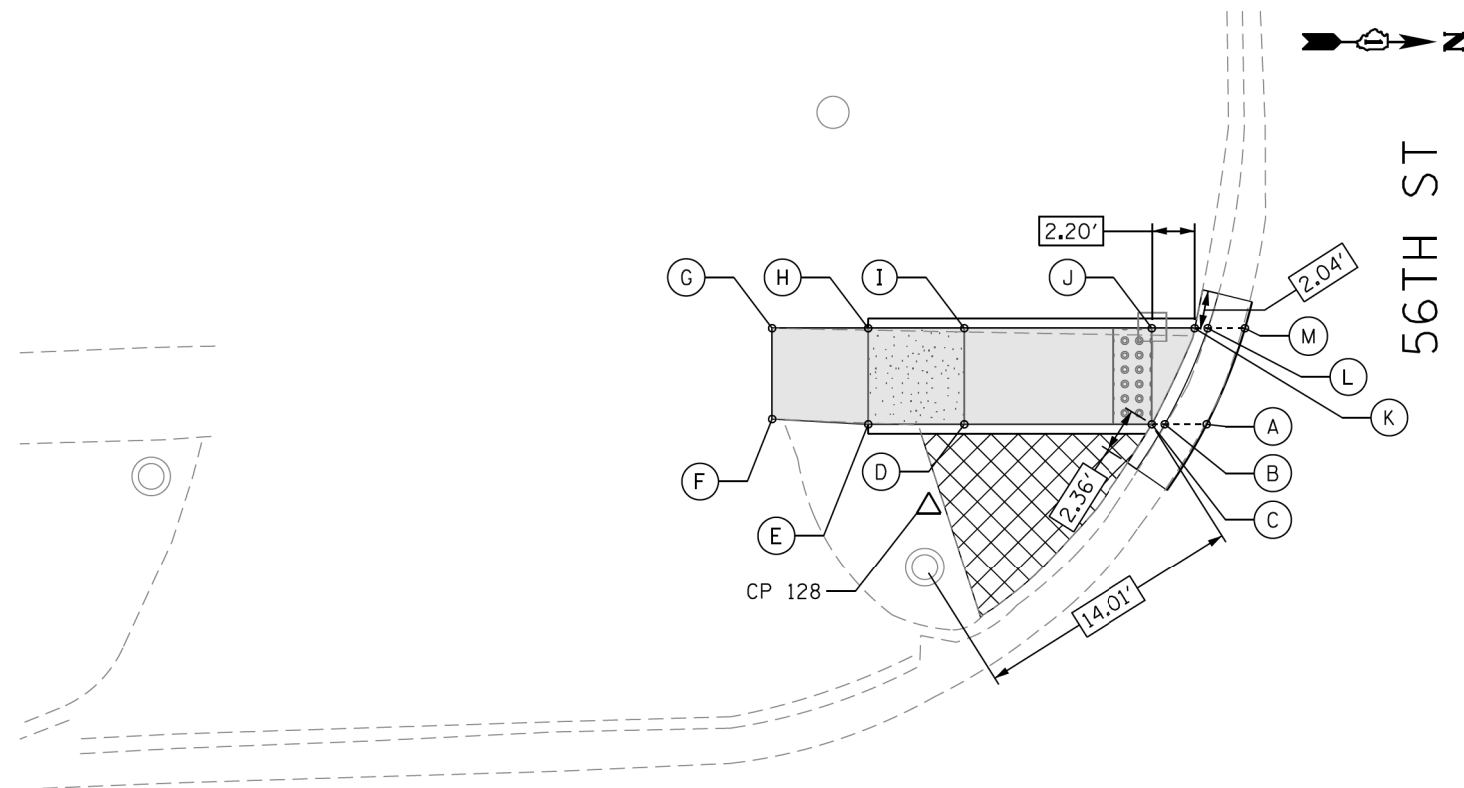
PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 3 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	26
CONTRACT NO. 62F58				

ADA - 03

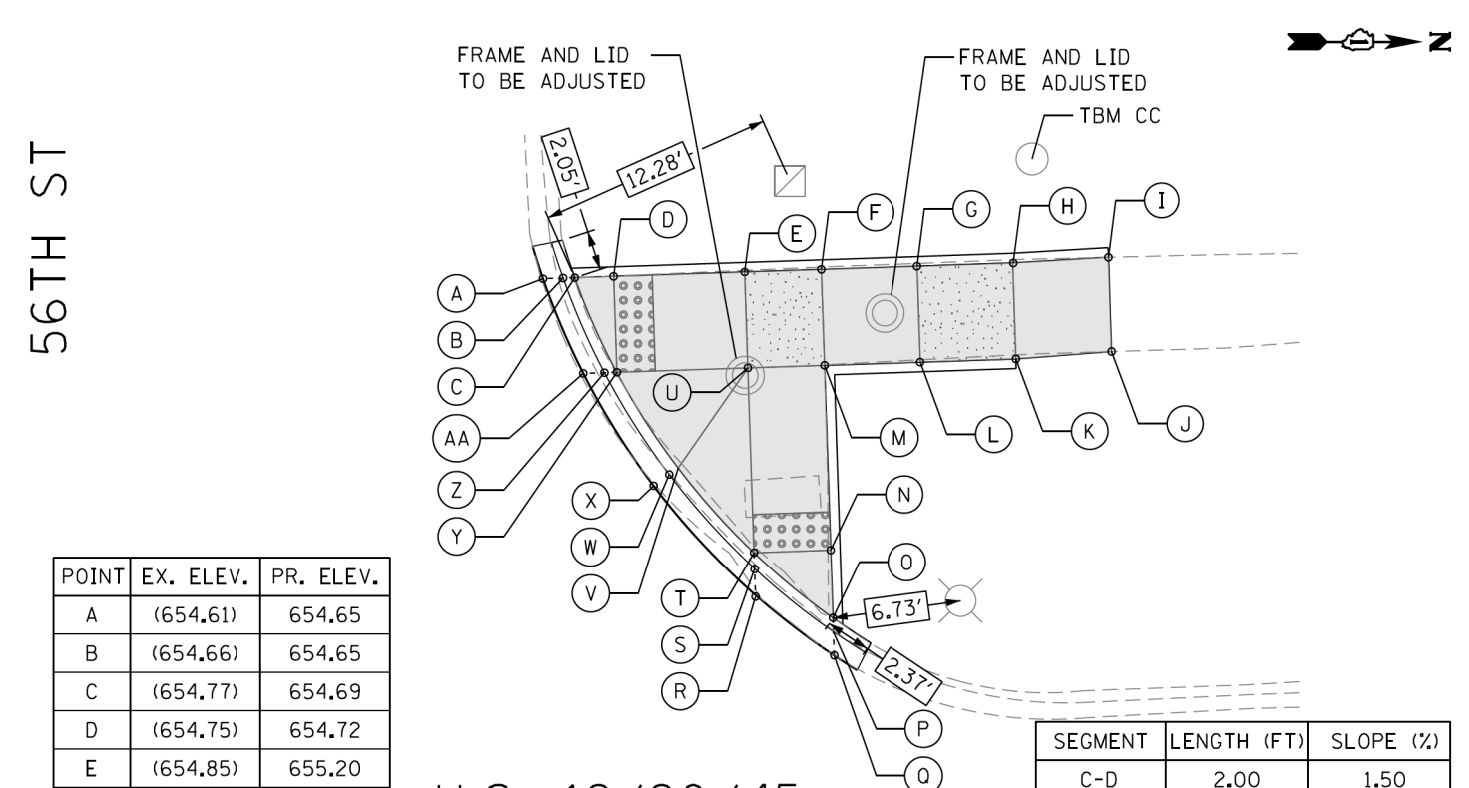
ILLINOIS FED. AID PROJECT



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(654.96)	654.90
B	(654.95)	654.86
C	(655.12)	654.90
D	(655.43)	655.30
E	(655.49)	655.37
F	(655.48)	655.48
G	(655.57)	655.57
H	(655.43)	655.32
I	(655.32)	655.27
J	(655.00)	654.90
K	(654.98)	654.87
L	(654.76)	654.83
M	(654.78)	654.84

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	9.81	4.10
C-J	5.00	0.00
D-E	5.00	1.40
D-I	5.00	1.00
E-F	5.00	2.20
E-H	5.00	1.00
F-G	5.00	1.80
G-H	5.00	5.00
H-I	5.00	1.00
I-J	9.81	3.80
J-K	2.23	1.35



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(654.61)	654.65
B	(654.66)	654.65
C	(654.77)	654.69
D	(654.75)	654.72
E	(654.85)	655.20
F	(654.91)	655.26
G	(654.98)	655.10
H	(655.04)	655.05
I	(655.10)	655.10
J	(655.15)	655.15
K	(655.10)	655.00
L	(655.02)	655.05
M	(654.93)	655.30
N	(655.34)	655.21
O	(655.58)	655.20
P	(655.29)	655.16
Q	(655.29)	655.21
R	(655.14)	655.14
S	(655.15)	655.11
T	(655.25)	655.15
U	(654.97)	655.25
V	(655.20)	655.19
W	(654.89)	654.92
X	(654.96)	654.96
Y	(654.80)	654.77
Z	(654.71)	654.73
AA	(654.73)	654.73

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.00	1.50
D-E	6.83	7.00
D-Y	5.00	1.00
E-F	4.00	1.50
E-U	5.00	1.00
F-G	5.00	3.00
F-M	5.00	1.00
G-H	5.00	1.00
G-L	5.00	1.00
H-I	5.00	1.00
H-K	5.00	1.00
I-J	4.90	1.00
J-K	5.00	3.00
K-L	5.00	1.00
L-M	5.00	5.00
M-N	9.65	0.93
M-U	4.00	1.25
N-O	3.54	0.30
N-T	4.00	1.50
T-U	9.65	1.00
T-V	5.93	0.70
U-Y	6.83	7.00
V-Y	5.93	7.10

REFERENCE CONTROL POINT ELEV : 655.39'
 NORTHING : 1865882.831
 EASTING : 1110950.246
 CONTROL POINT NO : 128 (FIND CROSS @ SOUTHWEST OF 56TH ST & LAGRANGE RD)
 LOCATION : FIND CROSS @ SOUTHWEST OF 56TH ST +/- 7.30' WEST OF BACK OF CURB
 LINE ON WEST SIDE OF LAGRANGE, +/- 8.0' SOUTH OF BACK OF CURB LINE
 ON SOUTH SIDE 56TH ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM "CC"
 ELEV.=655.08
 SET SQUARE AT NORTHWEST ON CONCRETE HANDHOLE AT NORTHWEST CORNER
 OF 56TH STREET



USER NAME = tmoammed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

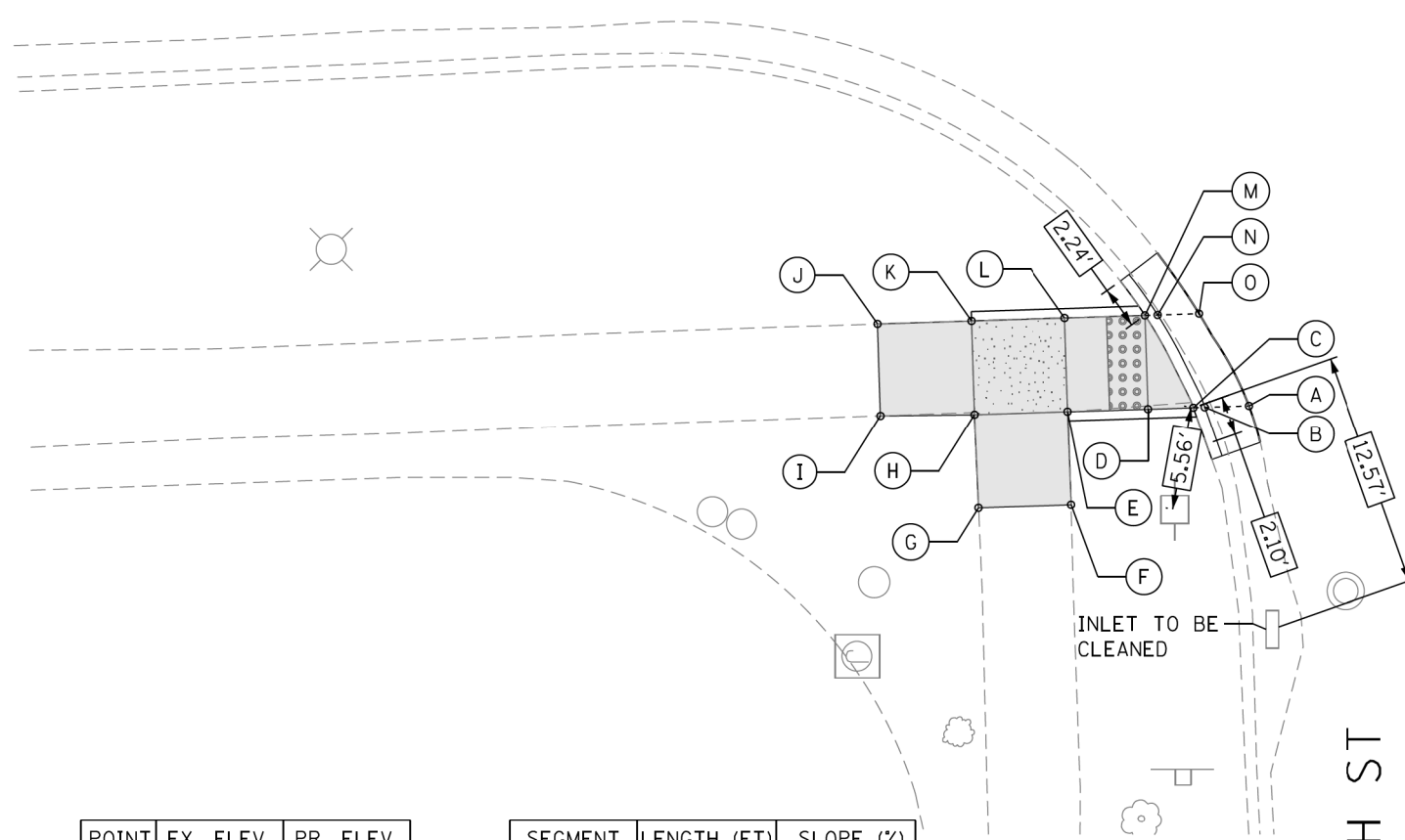
SCALE= 1:10 SHEET 4 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 27
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 04

P:\66616005\18-PT177-204-W018-62F58-ADA_Ramps_La_Grange\01CAD\005Sheet\02F58_ADA_Sheet_4.dgn

U.S. 12/20/45 (LAGRANGE RD.)

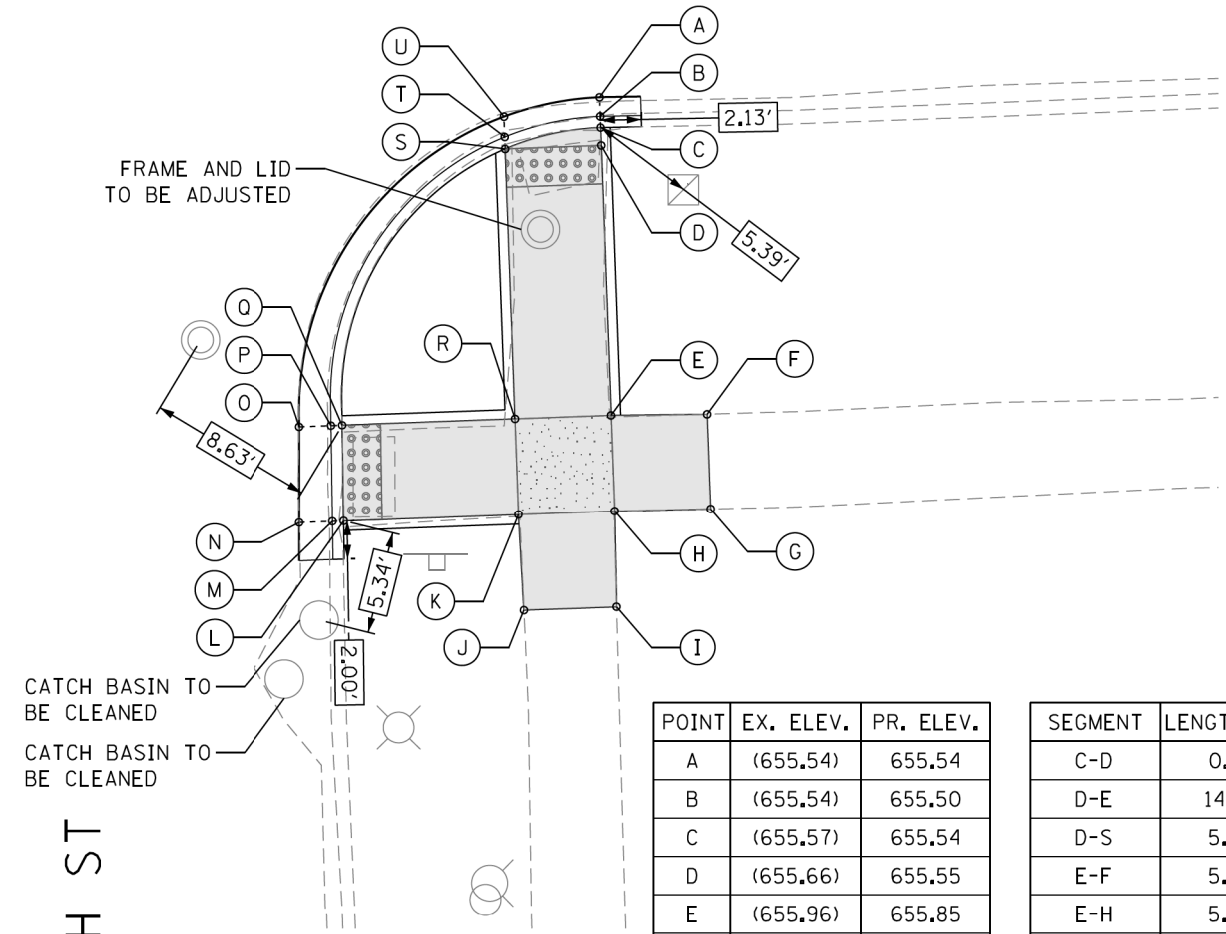


POINT	EX. ELEV.	PR. ELEV.
A	(654.95)	654.95
B	(654.93)	654.94
C	(655.15)	654.98
D	(655.19)	655.01
E	(655.30)	655.25
F	(655.36)	655.36
G	(655.47)	655.47
H	(655.41)	655.30
I	(655.55)	655.55
J	(655.36)	655.36
K	(655.26)	655.30
L	(655.39)	655.25
M	(655.47)	655.01
N	(655.02)	654.97
O	(655.01)	655.01

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.41	1.24
D-E	4.27	5.60
D-M	5.00	0.00
E-F	5.00	2.20
E-H	5.00	1.00
E-L	5.00	0.00
F-G	5.00	2.20
G-H	5.00	3.40
H-I	5.00	5.00
H-K	5.00	0.00
I-J	5.00	3.80
J-K	5.00	1.20
K-L	5.00	1.00
L-M	4.27	5.60

56TH ST

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(655.54)	655.54
B	(655.54)	655.50
C	(655.57)	655.54
D	(655.66)	655.55
E	(655.96)	655.85
F	(656.01)	656.01
G	(656.07)	656.07
H	(655.97)	655.87
I	(655.10)	655.10
J	(655.98)	655.98
K	(655.87)	655.80
L	(655.25)	655.21
M	(655.17)	655.17
N	(655.18)	655.18
O	(655.32)	655.28
P	(655.25)	655.24
Q	(655.36)	655.28
R	(655.80)	655.80
S	(655.51)	655.50
T	(655.53)	655.46
U	(655.48)	655.48

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.93	1.40
D-E	14.07	2.10
D-S	5.00	1.00
E-F	5.00	3.20
E-H	5.00	0.40
E-R	5.00	1.00
F-G	5.00	1.20
G-H	5.00	4.00
H-I	5.00	4.60
H-K	5.00	1.40
I-J	4.81	2.40
J-K	5.00	3.60
K-R	5.00	0.00
K-L	9.06	6.50
L-Q	5.00	1.40
Q-R	9.06	5.80
R-S	14.07	2.10

56TH ST

P:\66616005\18-PT177-204-W018-62F58-ADA_Ramp_La_Grange_01CAD\08Sheet\22F58_ADA_Sheet_S.dgn

REFERENCE CONTROL POINT ELEV : 655.39'
 NORTHING : 1865882.831
 EASTING : 1110950.246
 CONTROL POINT NO : 128 (FIND CROSS @ SOUTHWEST OF 56TH ST & LAGRANGE RD)
 LOCATION : FIND CROSS @ SOUTHWEST OF 56TH ST +/- 7.30' WEST OF BACK OF CURB
 LINE ON WEST SIDE OF LAGRANGE, +/- 8.0' SOUTH OF BACK OF CURB LINE
 ON SOUTH SIDE 56TH ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM "CC"
 ELEV.=655.08
 SET SQUARE AT NORTHWEST ON CONCRETE HANDHOLE AT NORTHWEST CORNER
 OF 56TH STREET



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

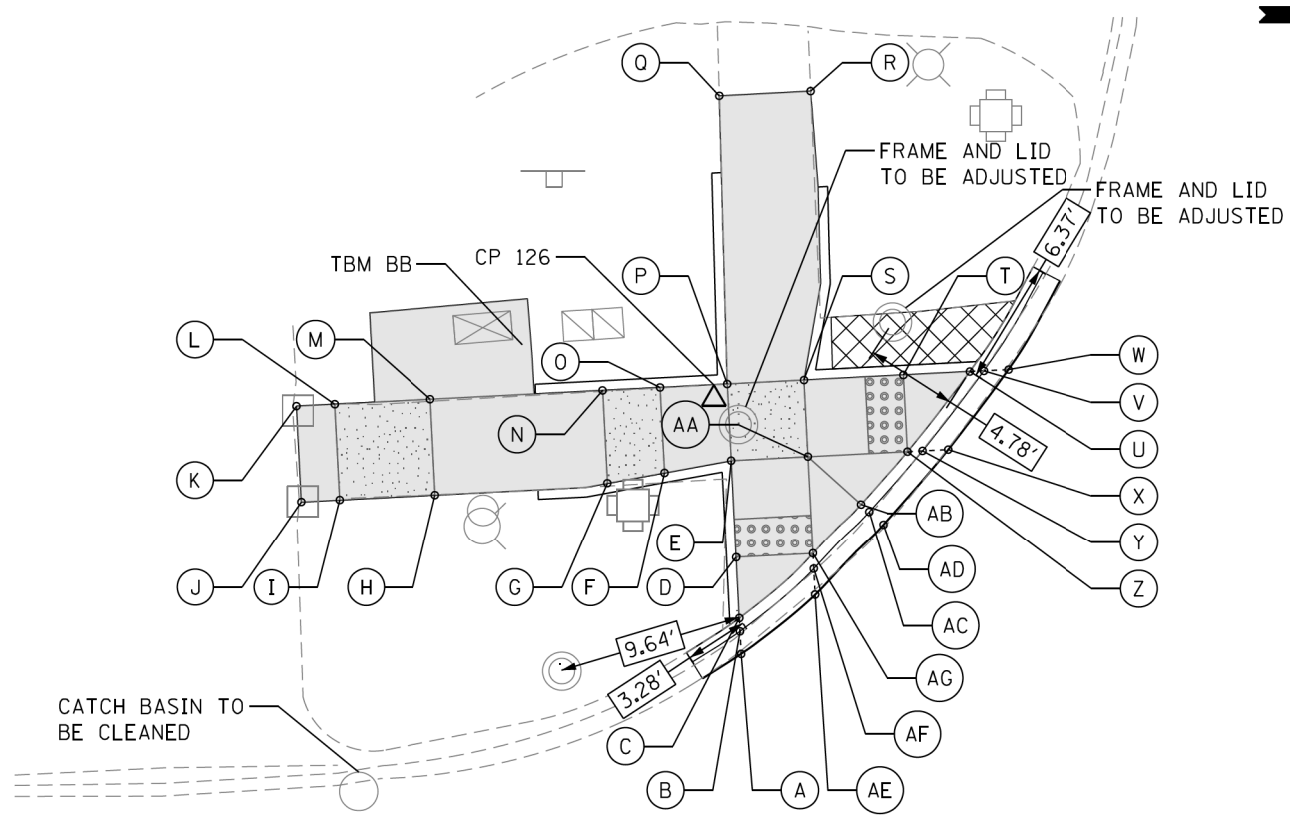
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 5 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F58	

ADA - 05



U.S. 12/20/45
(LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.	POINT	EX. ELEV.	PR. ELEV.	SEGMENT	LENGTH (FT)	SLOPE (%)
			Q	(651.95)	651.95	C-D	3.18	0.94
A	(651.21)	651.13	R	(651.57)	651.57	D-E	5.06	4.94
B	(651.16)	651.09	S	(651.63)	651.35	D-AG	4.00	0.75
C	(651.23)	651.13	T	(651.21)	650.92	E-F	3.50	6.00
D	(651.47)	651.16	U	(650.85)	650.86	E-P	4.00	0.00
E	(651.79)	651.41	V	(650.77)	650.82	E-AA	4.00	1.50
F	(651.92)	651.62	W	(650.79)	650.85	F-G	3.00	1.00
G	(652.00)	651.65	X	(650.83)	650.89	F-O	4.43	0.00
H	(652.20)	652.23	Y	(650.79)	650.88	G-H	9.00	6.44
I	(652.27)	652.26	Z	(650.88)	650.92	G-N	4.81	0.00
J	(652.26)	652.26	AA	(651.43)	651.35	G-I	5.00	0.60
K	(652.41)	652.41	AB	(651.25)	651.20	H-I	5.00	0.60
L	(652.33)	652.28	AC	(650.93)	650.95	H-M	5.00	0.00
M	(652.25)	652.23	AD	(650.96)	650.96	I-J	2.00	0.00
N	(652.08)	651.65	AE	(651.07)	651.09	I-L	5.00	0.40
O	(652.02)	651.62	AF	(651.02)	651.09	I-M	5.00	0.00
P	(651.94)	651.41	AG	(651.06)	651.13	J-K	5.00	3.00
						K-L	2.00	6.50
						L-M	5.00	1.00
						M-N	9.00	6.44
						N-O	3.00	1.00
						O-P	3.50	6.00
						P-Q	15.00	3.50
						Q-R	5.00	7.60
						R-S	15.00	1.50
						S-T	5.20	8.27
						T-U	3.46	1.73
						T-Z	4.00	0.00
						Z-AA	5.20	8.27
						Z-AB	3.68	8.30
						AA-AG	5.06	4.40
						AB-AG	3.58	2.00

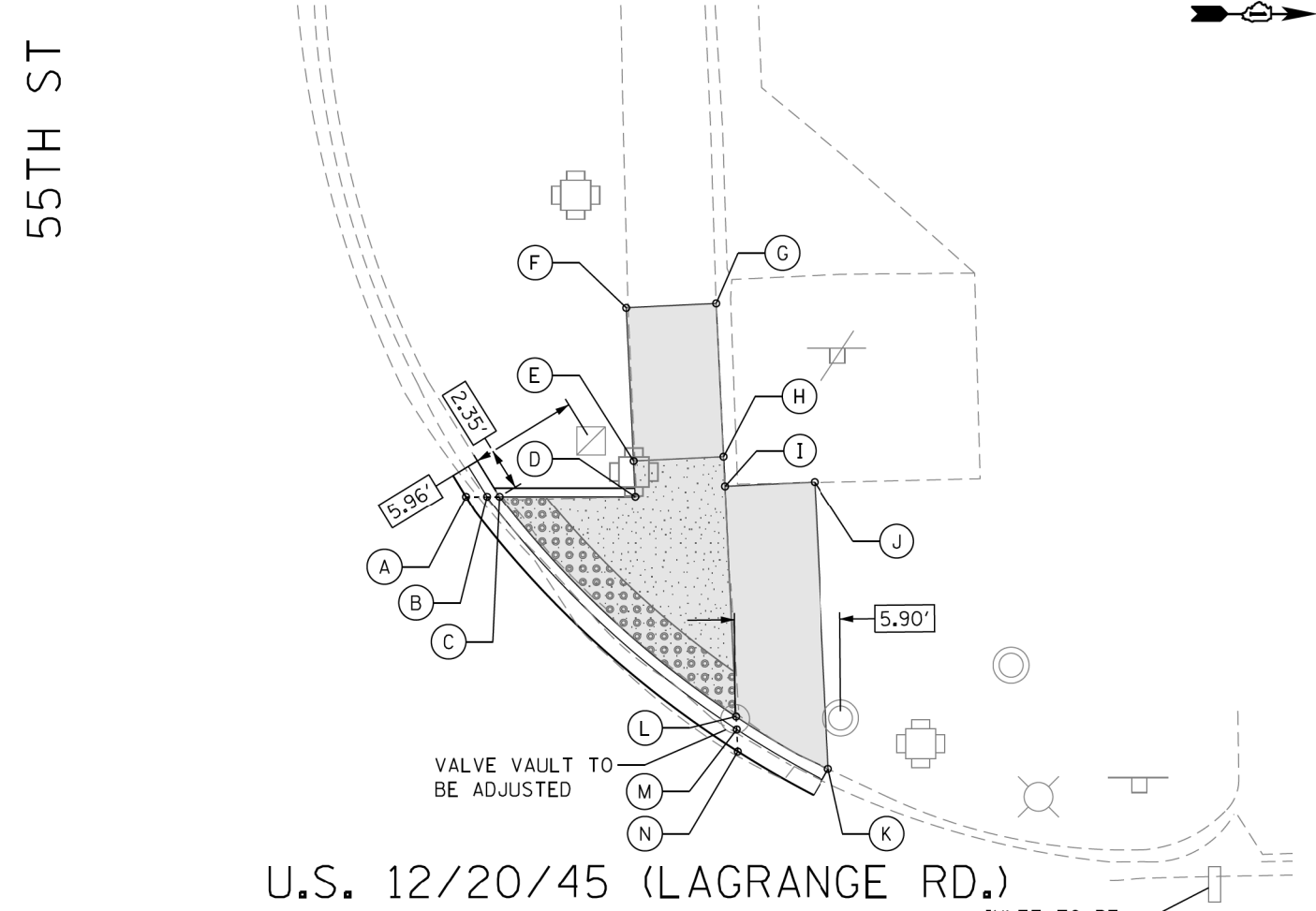
P:\60616005\18-PT177-004-W018-62F58-ADA Ramp Ls Grange\01C0D\005\Sheet\22F58_ADA_Sheet_S.dgn

REFERENCE CONTROL POINT ELEV : 651.88'
 NORTHING : 1866527.253
 EASTING : 1110921.356
 CONTROL POINT NO : 126 (FIND CROSS AT SOUTHWEST OF 55TH ST & LAGRANGE RD)
 LOCATION : SET CROSS AT SOUTHWEST OF 55TH ST +/- 6.20' WEST OF TRAFFIC SIGNAL POLE, +/- 15.80' SOUTH OD BACK OF CURB LINE ON SOUTH SIDE 55TH ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM BB
 ELEV=653.07
 FOUND CUT SQUARE ON NORTHEAST CORNER CONCRETE PAD IDOT TRAFFIC BOX AT SOUTHWEST CORNER OF 55TH STREET AND LAGRANGE ROAD



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(650.61)	650.61
B	(650.61)	650.61
C	(650.88)	650.65
D	(650.92)	650.72
E	(650.98)	650.75
F	(651.08)	651.08
G	(651.18)	651.18
H	(651.07)	650.79
I	(651.05)	650.77
J	(651.08)	651.08
K	(650.69)	650.69
L	(650.77)	650.55
M	(650.49)	650.51
N	(650.40)	650.51

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	7.55	0.96
C-L	18.06	0.55
D-E	2.00	1.50
E-F	8.53	3.90
E-H	5.00	0.80
F-G	5.00	2.00
G-H	8.53	4.60
H-I	2.00	1.00
I-J	5.00	6.19
I-L	12.86	1.65
J-K	16.00	2.44
K-L	5.92	2.36



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
DESIGNED - TOM	DRAWN - LEG	REVISED -
DRAWN - LEG	CHECKED - AWM	REVISED -
CHECKED - AWM	DATE - 01/16/2018	REVISED -
DATE - 01/16/2018		

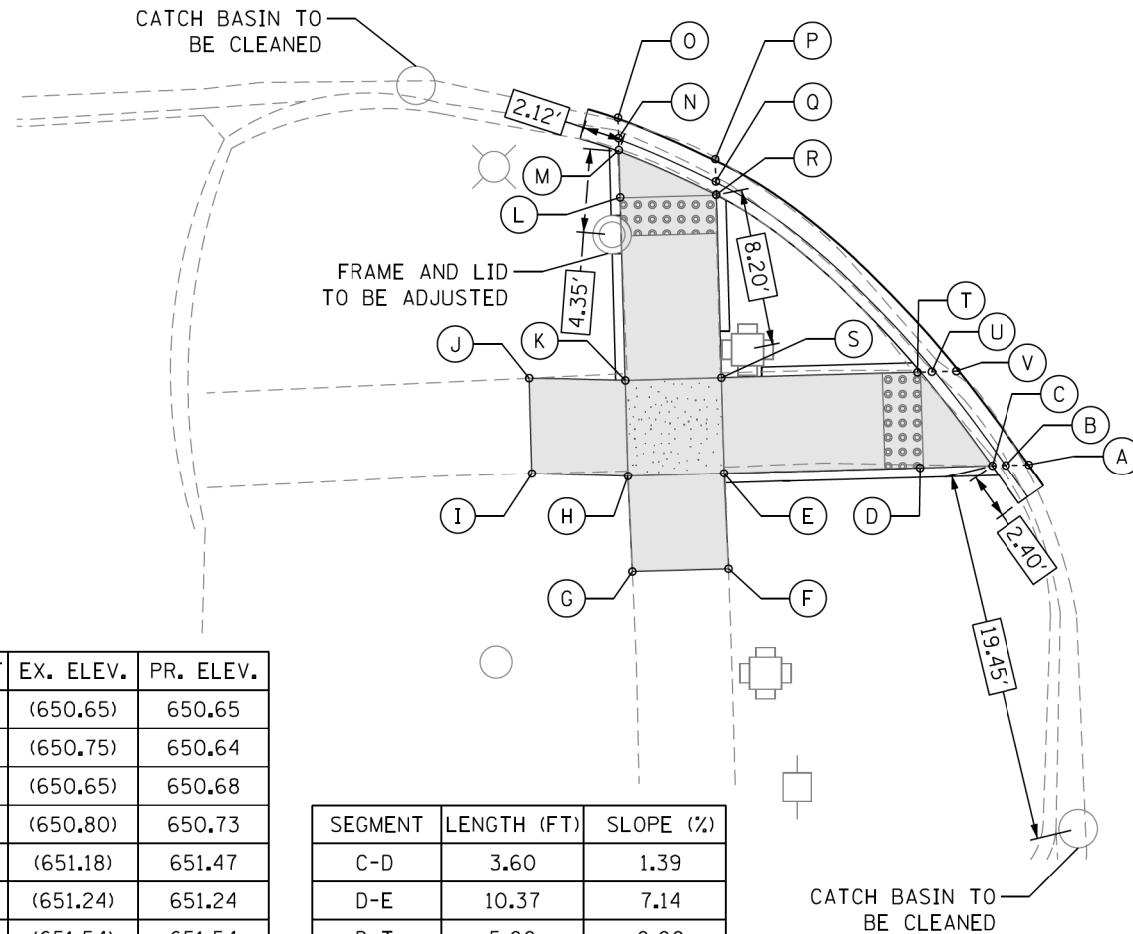
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 6 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	29
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 06

U.S. 12/20/45 (LAGRANGE RD.)



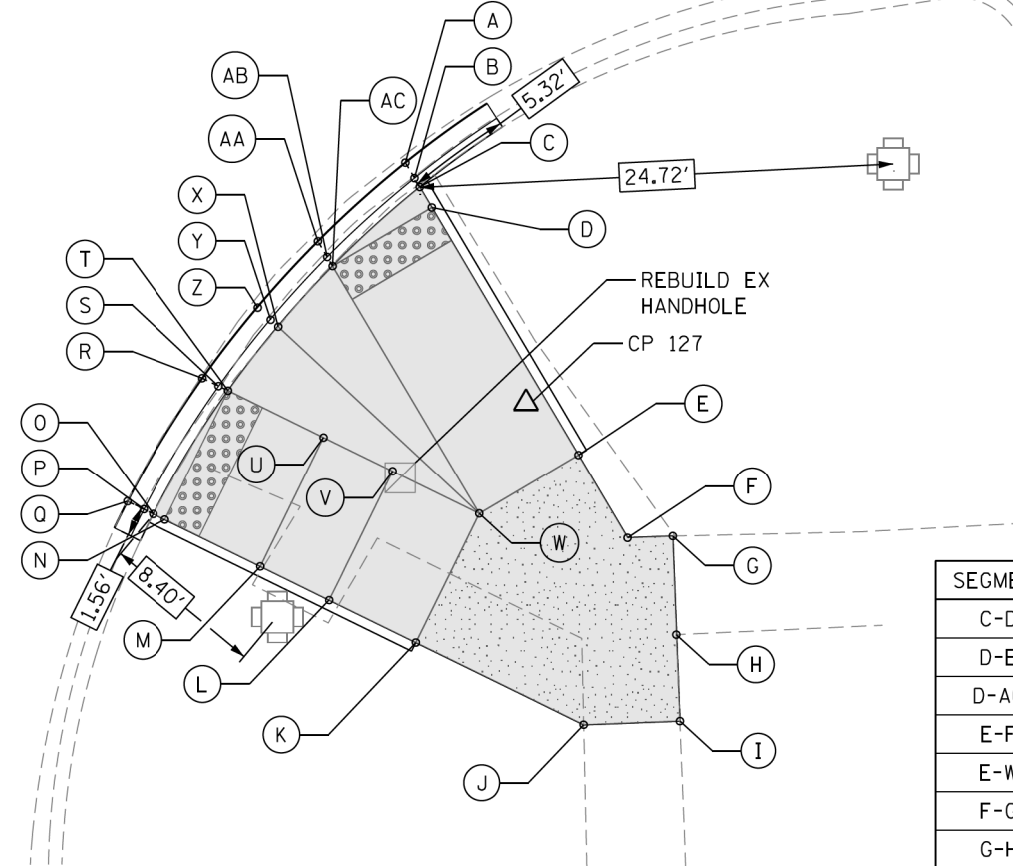
POINT	EX. ELEV.	PR. ELEV.
A	(650.65)	650.65
B	(650.75)	650.64
C	(650.65)	650.68
D	(650.80)	650.73
E	(651.18)	651.47
F	(651.24)	651.24
G	(651.54)	651.54
H	(651.50)	651.54
I	(651.60)	651.60
J	(651.50)	650.50
K	(651.42)	651.47
L	(651.23)	651.15
M	(651.18)	651.13
N	(651.13)	651.09
O	(651.14)	651.14
P	(651.09)	651.09
Q	(651.07)	651.06
R	(651.16)	651.10
S	(651.23)	651.43
T	(650.99)	650.73
U	(650.74)	650.69
V	(650.77)	650.73

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	3.60	1.39
D-E	10.37	7.14
D-T	5.00	0.00
E-F	5.00	4.60
E-H	5.00	1.40
E-S	5.00	0.80
F-G	5.00	6.00
G-H	5.00	0.00
H-I	5.00	1.20
H-K	5.00	1.40
I-J	5.00	2.00
J-K	5.00	0.60
K-L	9.51	3.36
K-S	5.00	0.80
L-M	2.41	0.83
L-R	5.00	1.00
R-S	9.51	3.47
S-T	10.37	6.75

CATCH BASIN TO BE CLEANED

55TH ST

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(649.98)	650.00
B	(650.01)	649.96
C	(650.10)	650.00
D	(650.12)	650.00
E	(650.46)	650.53
F	(650.55)	650.56
G	(650.58)	650.58
H	(650.61)	650.61
I	(650.63)	650.63
J	(650.63)	650.63
K	(650.47)	650.53
L	(650.40)	650.31
M	(650.34)	650.27
N	(650.21)	650.00
O	(650.20)	650.00
P	(649.99)	649.96

POINT	EX. ELEV.	PR. ELEV.
Q	(649.96)	649.96
R	(649.99)	649.99
S	(649.97)	649.96
T	(649.96)	650.00
U	(650.17)	650.27
V	(650.30)	650.31
W	(650.40)	650.53
X	(650.13)	650.35
Y	(650.01)	650.96
Z	(650.00)	650.00
AA	(650.02)	650.00
AB	(650.00)	649.96
AC	(650.05)	650.00

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.25	0.00
D-E	15.00	3.53
D-AC	6.00	0.00
E-F	5.00	0.60
E-W	6.00	0.00
F-G	2.36	0.85
G-H	5.15	0.58
H-I	4.50	0.44
I-J	5.00	0.00
J-K	9.75	1.03
K-L	5.00	4.40
K-W	7.50	0.00
L-M	4.00	1.00
L-V	7.50	0.00
M-N	5.55	4.86
M-U	7.50	0.00
N-O	0.67	0.00
N-T	7.50	0.00
T-U	5.55	4.86
T-X	4.25	8.24
U-V	4.00	1.00
V-W	5.00	4.40
W-AC	15.00	3.53
X-AC	4.25	8.24

P:\625\625005\18-PTB177-204-W018-625F58-ADA_Ramp_La_Grange\01CAD\005Sheet\625F58_ADA_Sheet_7.dgn

REFERENCE CONTROL POINT ELEV : 650.31'
 NORTHING : 1866633.982
 EASTING : 1111009.365
 CONTROL POINT NO : 127 (FIND CROSS ON NORTHEAST OF 55TH ST & LAGRANGE RD)
 LOCATION : FIND CROSS ON NORTHEAST OF 55TH ST +/- 14.30' EAST OF BACK OF CURB LINE OF EAST SIDE LAGRANGE, +/- 16.5' NORTHWEST OF TRAFFIC SIGNAL POLE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM BB
 ELEV=653.07
 FOUND CUT SQUARE ON NORTHEAST CORNER CONCRETE PAD IDOT TRAFFIC BOX AT SOUTHWEST CORNER OF 55TH STREET AND LAGRANGE ROAD



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23 -6783

USER NAME = tnoahmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 7 OF 50 SHEETS STA. TO STA.

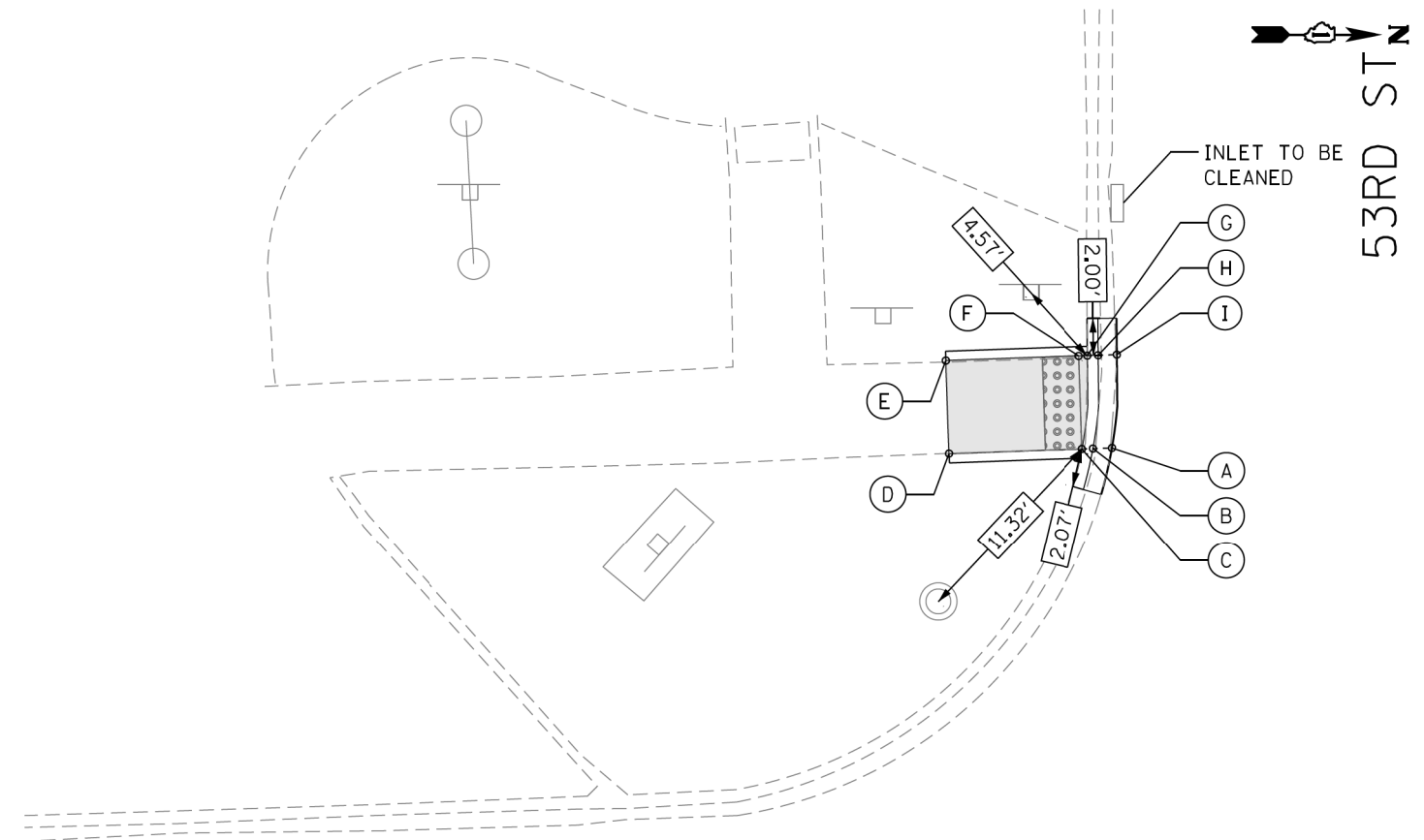
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	30

CONTRACT NO. 62F58

ADA - 07

ILLINOIS FED. AID PROJECT

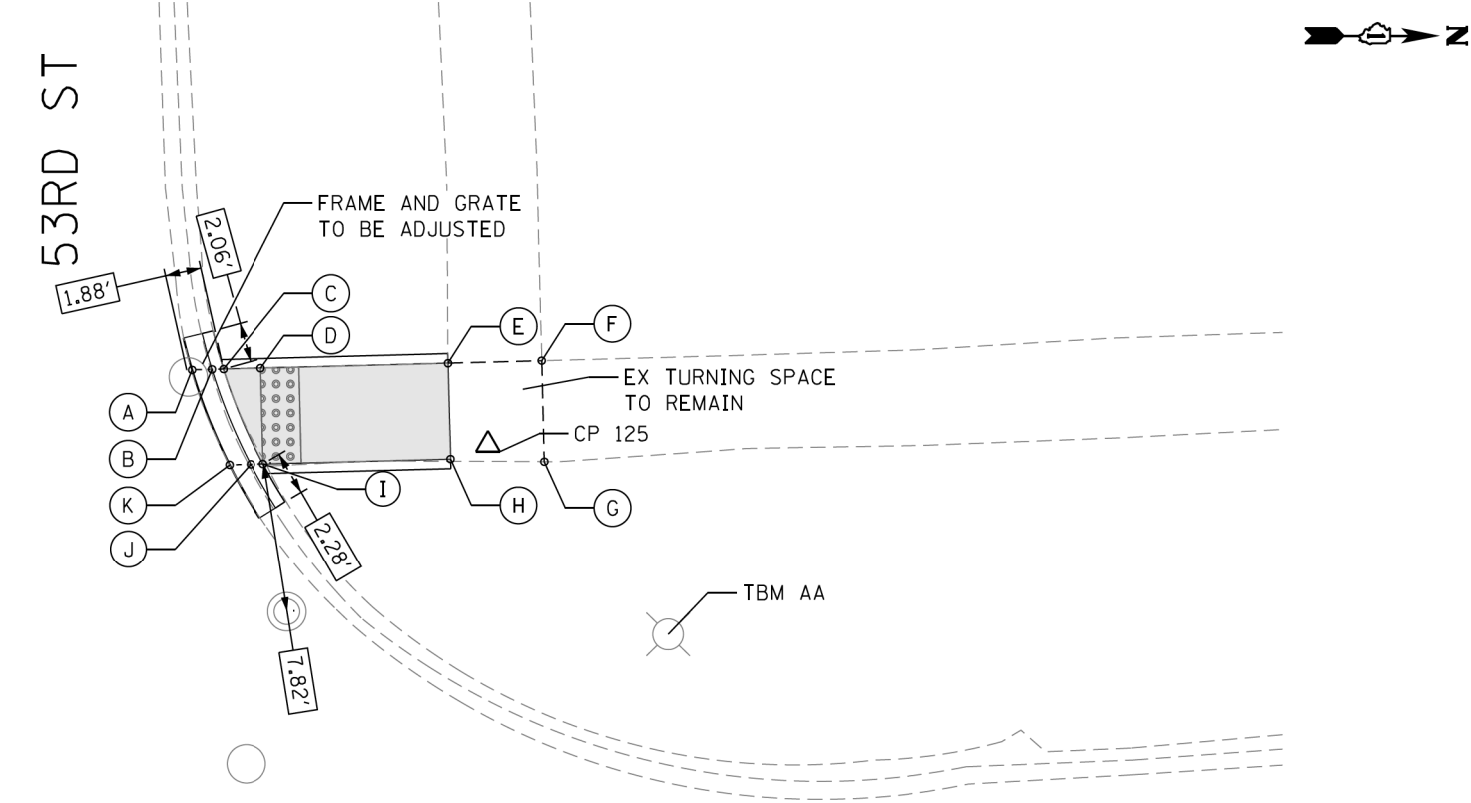
P:\66616205\18-PTB177-204-W018-62F58-ADA_Ramps_La_Grange\01CAD\05Sheet\62F58_ADA_Sheet_B.dgn



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(653.04)	654.04
B	(653.02)	653.03
C	(653.12)	653.07
D	(653.36)	653.36
E	(653.42)	653.42
F	(653.21)	653.09
G	(653.20)	653.09
H	(653.08)	653.05
I	(653.06)	653.06

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	7.18	4.05
C-F	5.00	0.40
D-E	5.00	1.20
E-F	7.18	4.60
F-G	0.47	0.00



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(652.61)	652.61
B	(652.65)	652.60
C	(652.88)	652.64
D	(652.85)	652.67
E	(653.19)	653.19
F	(653.22)	xxx.xx
G	(653.21)	xxx.xx
H	(653.16)	653.16
I	(652.91)	652.66
J	(652.76)	652.62
K	(652.74)	652.66

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.94	1.55
D-E	9.78	5.32
D-I	5.00	0.20
E-F	4.89	0.61
E-H	5.00	0.60
F-G	5.27	0.19
G-H	4.89	1.02
H-I	9.78	5.11

ADA - 08

REFERENCE CONTROL POINT ELEV : 653.11'
 NORTHING : 1867938.065
 EASTING : 1110868.89
 CONTROL POINT NO : 125 (SET CROSS AT NORTHWEST OF 53RD ST & LAGRANGE RD)
 LOCATION : SET CROSS AT NORTHWEST OF 53RD ST +/- 12.75' WEST OF BACK OF CURB LINE ON WEST SIDE OF LAGRANGE RD, +/- 12.0' NORTH OF BACK OF CURB LINE ON NORTH SIDE 53RD ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM AA
 ELEV=653.53
 SET CUT SQUARE AT WEST SIDE OF CONCRETE BASE OF LIGHT POLE AT NORTHWEST CORNER OF 53RD STREET AND LAGRANGE ROAD ABOUT 10 FT EAST OF SIDEWALK AND ABOUT 7 FT WEST OF BACK OF CURB



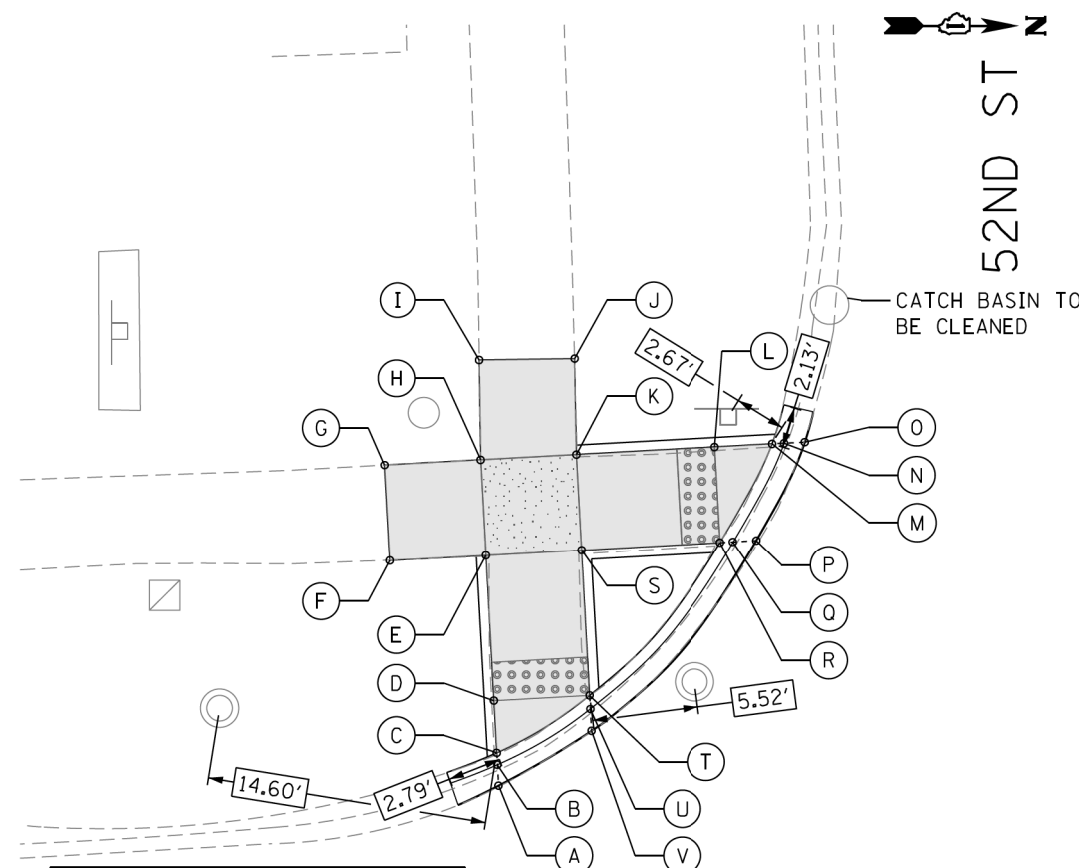
USER NAME = tnoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 8 OF 50 SHEETS STA. TO STA.

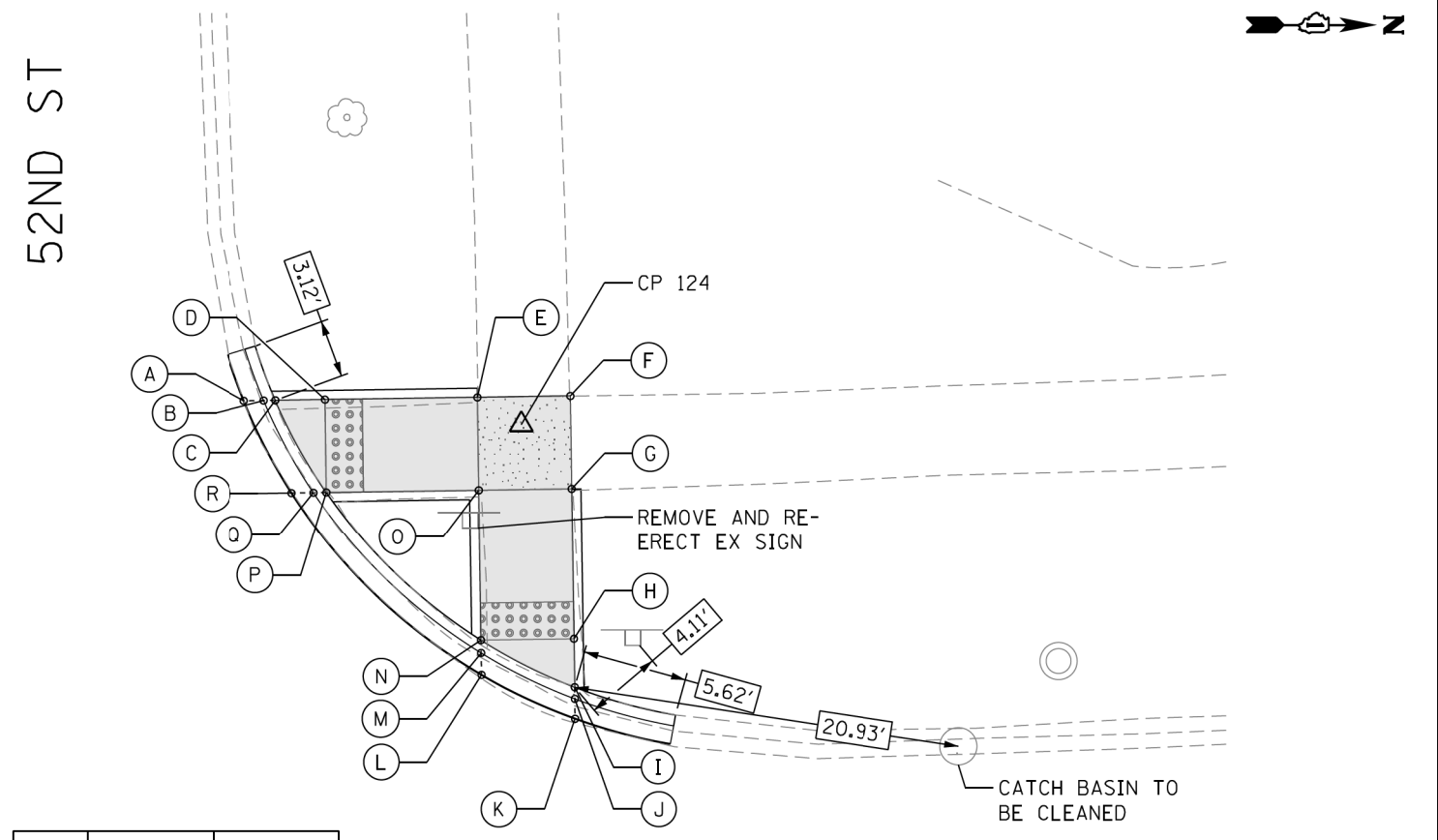
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	31
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



U.S. 12/20/45
(LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(654.26)	654.26
B	(654.28)	654.24
C	(654.35)	654.28
D	(654.50)	654.31
E	(654.70)	654.53
F	(654.67)	654.67
G	(654.76)	654.76
H	(654.82)	654.60
I	(654.81)	654.81
J	(654.71)	654.71
K	(654.69)	654.53
L	(654.24)	654.05
M	(654.02)	654.01
N	(653.91)	653.97
O	(654.97)	653.97
P	(654.05)	654.05
Q	(654.04)	654.03
R	(654.18)	654.07
S	(654.58)	654.50
T	(654.32)	654.25
U	(654.23)	654.21
V	(654.23)	654.23

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.72	1.10
D-E	7.60	2.90
D-T	5.00	1.20
E-F	5.00	2.80
E-H	5.00	1.40
E-S	5.00	0.60
F-G	5.00	1.80
G-H	5.00	3.20
H-I	5.00	4.20
H-K	5.00	1.40
I-J	5.00	2.00
J-K	5.00	3.60
K-L	7.24	6.77
K-S	5.00	0.60
L-M	3.00	1.33
L-R	5.00	0.60
R-S	7.24	5.94
S-T	7.60	3.29



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(653.96)	654.00
B	(635.97)	653.99
C	(654.13)	654.03
D	(654.27)	654.07
E	(654.65)	654.65
F	(654.65)	654.65
G	(654.56)	654.56
H	(654.38)	654.24
I	(654.26)	654.23
J	(654.21)	654.19
K	(654.22)	654.22
L	(654.16)	654.16
M	(654.14)	654.13
N	(654.25)	654.17
O	(654.62)	654.56
P	(654.05)	654.05
Q	(653.98)	654.01
R	(654.03)	654.03

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.67	1.50
D-E	8.20	7.07
D-P	5.00	0.40
E-F	5.00	0.00
E-O	5.00	1.80
F-G	5.00	1.80
G-H	8.11	3.96
G-O	5.00	0.00
H-I	2.61	0.38
H-N	5.00	1.40
N-O	8.11	4.81
O-P	8.20	6.22

REFERENCE CONTROL POINT ELEV : 654.68'
 NORTHING : 1868605.283
 EASTING : 1110841.245
 CONTROL POINT NO : 124 (FIND CROSS AT NORTHWEST OF 52ND ST & LAGRANGE RD)
 LOCATION : FIND CROSS AT NORTHWEST OF 52ND ST, +/- 14.8' WEST OF BACK OD CURB LINE ON WEST SIDE OF LAGRANGE, +/- 15.0' NORTH OF BACK OF CURB LINE ON NORTH SIDE 52ND ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM Z
 ELEV=654.26
 SET CUT SQUARE AT EAST SIDE OF CONCRETE BASE OF LIGHT POLE ON NORTHWEST CORNER ABOUT 5 FT WEST OF BACK OF CURB AND ABOUT 10 FT EAST OF SIDEWALK AND ABOUT 75 FT NORTH OF BUS STOP SIGN



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10,0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

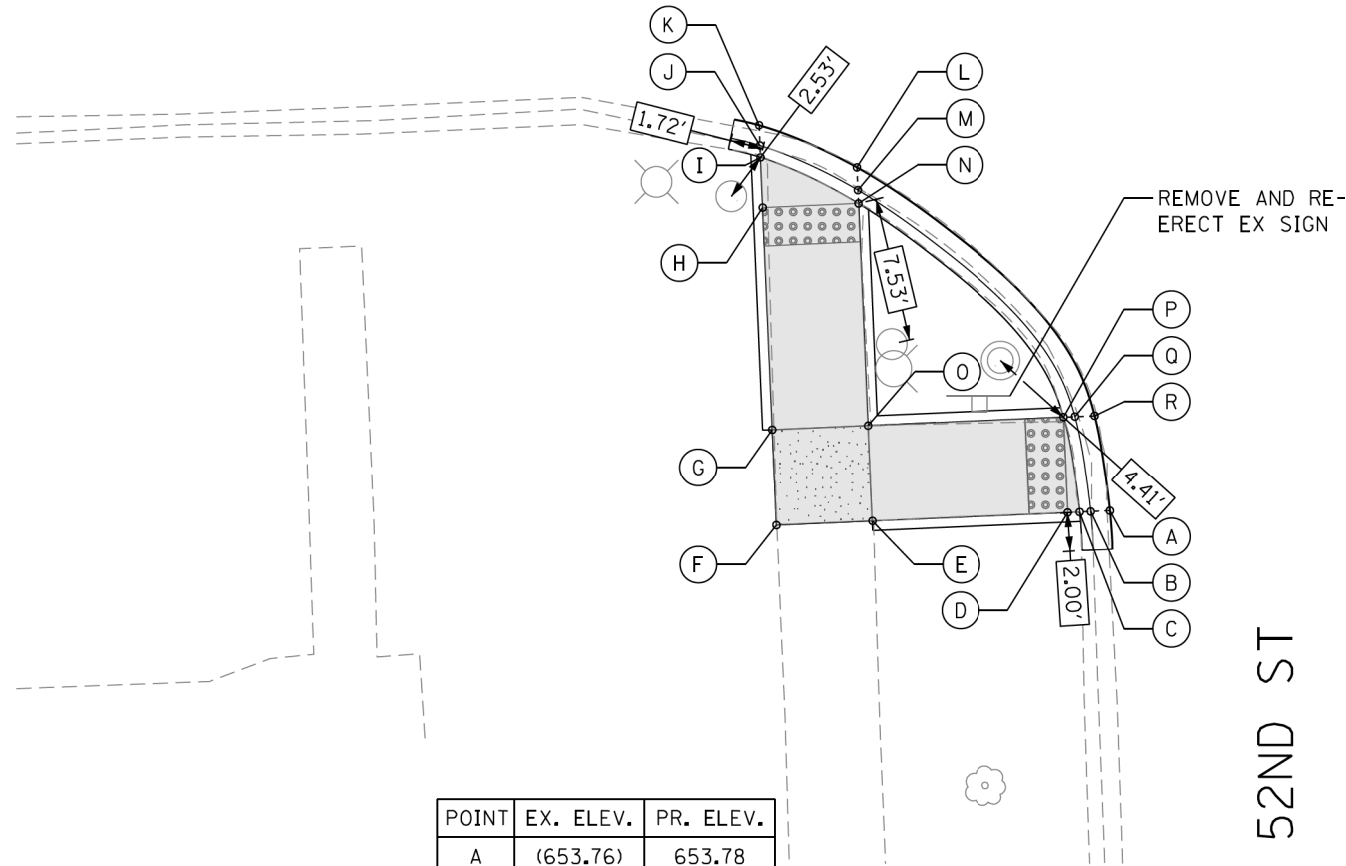
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 9 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	32
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

P:\66616005\18-PTB177-004-W018-62F58-ADA-Ramp-L-Grange\01CAD\005Sheet\62F58-ADA-Sheet_S.dgn

ADA - 09

U.S. 12/20/45 (LAGRANGE RD.)

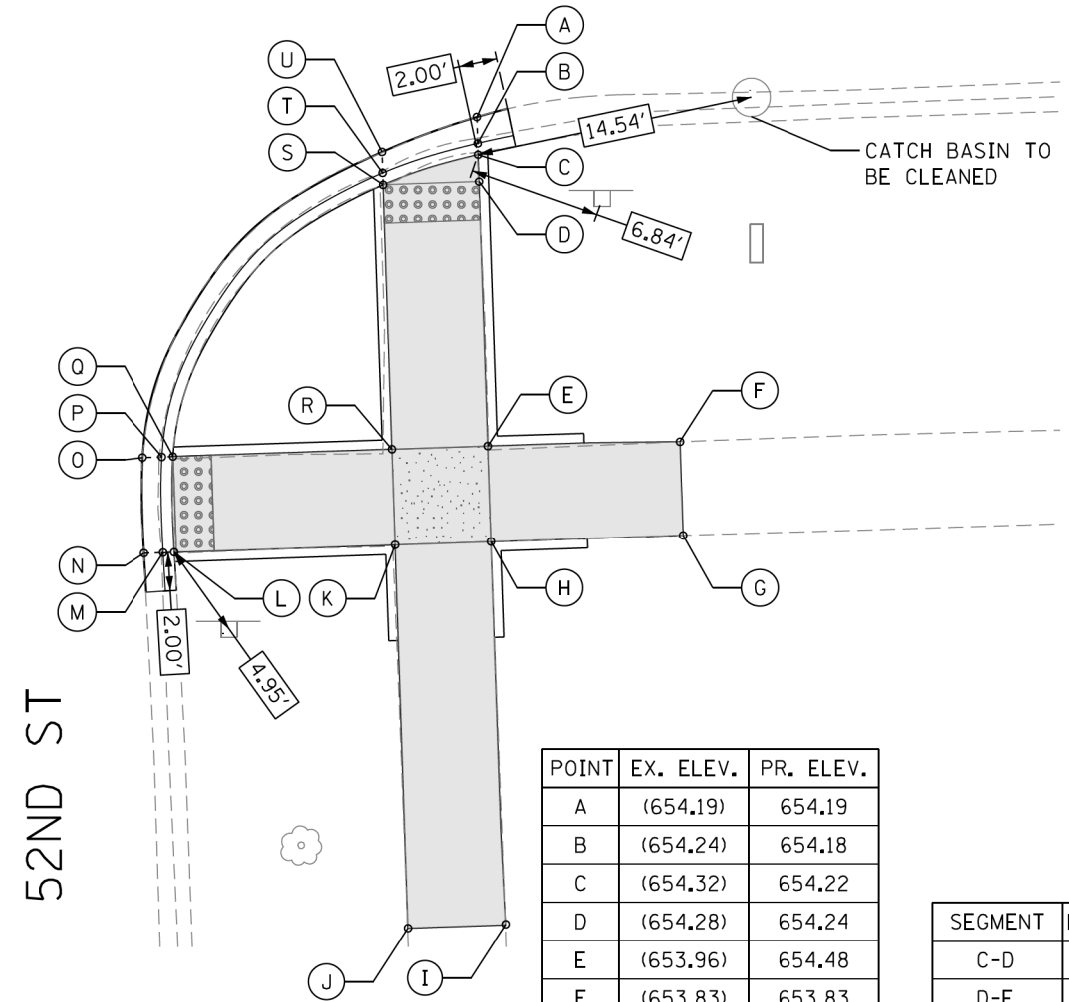


POINT	EX. ELEV.	PR. ELEV.
A	(653.76)	653.78
B	(653.81)	653.78
C	(654.03)	653.82
D	(654.07)	653.82
E	(654.54)	654.54
F	(654.57)	654.57
G	(654.57)	654.52
H	(654.47)	654.35
I	(654.45)	654.34
J	(654.30)	654.30
K	(654.38)	654.34
L	(654.25)	654.25
M	(654.19)	654.24
N	(654.34)	654.28
O	(654.44)	654.49
P	(654.30)	653.88
Q	(653.97)	653.84
R	(653.88)	653.88

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.62	0.00
D-E	10.21	7.05
D-R	5.00	1.20
E-F	5.00	0.60
E-O	5.00	1.00
F-G	5.00	1.00
G-H	11.58	1.47
G-O	5.00	0.60
H-I	2.61	0.38
H-N	5.00	1.40
N-O	11.58	1.81
O-P	10.21	5.97

52ND ST

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(654.19)	654.19
B	(654.24)	654.18
C	(654.32)	654.22
D	(654.28)	654.24
E	(653.96)	654.48
F	(653.83)	653.83
G	(653.84)	653.84
H	(654.10)	654.53
I	(654.44)	654.44
J	(654.37)	654.37
K	(654.03)	654.48
L	(653.87)	653.79
M	(653.72)	653.75
N	(653.75)	653.75
O	(653.86)	653.86
P	(653.89)	653.82
Q	(654.15)	653.86
R	(654.04)	654.48
S	(654.36)	654.30
T	(654.27)	654.26
U	(654.30)	654.30

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.40	1.43
D-E	13.63	1.76
D-S	5.00	1.20
E-F	10.00	6.50
E-H	5.00	1.00
E-R	5.00	0.00
F-G	5.00	0.20
G-H	10.00	6.90
H-I	20.00	0.45
H-K	5.00	1.00
I-J	5.00	1.40
J-K	20.00	0.55
K-L	11.42	6.04
K-R	5.00	0.00
L-O	5.00	1.40
Q-R	11.42	5.42
R-S	13.63	1.32

52ND ST

REFERENCE CONTROL POINT ELEV : 654.63'
 NORTHING : 1868605.283
 EASTING : 1110841.245
 CONTROL POINT NO : 124 (FIND CROSS AT NORTHWEST OF 52ND ST & LAGRANGE RD)
 LOCATION : FIND CROSS AT NORTHWEST OF 52ND ST, +/- 14.8' WEST OF BACK OD CURB LINE ON WEST SIDE OF LAGRANGE, +/- 15.0' NORTH OF BACK OF CURB LINE ON NORTH SIDE 52ND ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM Z
 ELEV=654.26
 SET CUT SQUARE AT EAST SIDE OF CONCRETE BASE OF LIGHT POLE ON NORTHWEST CORNER ABOUT 5 FT WEST OF BACK OF CURB AND ABOUT 10 FT EAST OF SIDEWALK AND ABOUT 75 FT NORTH OF BUS STOP SIGN



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

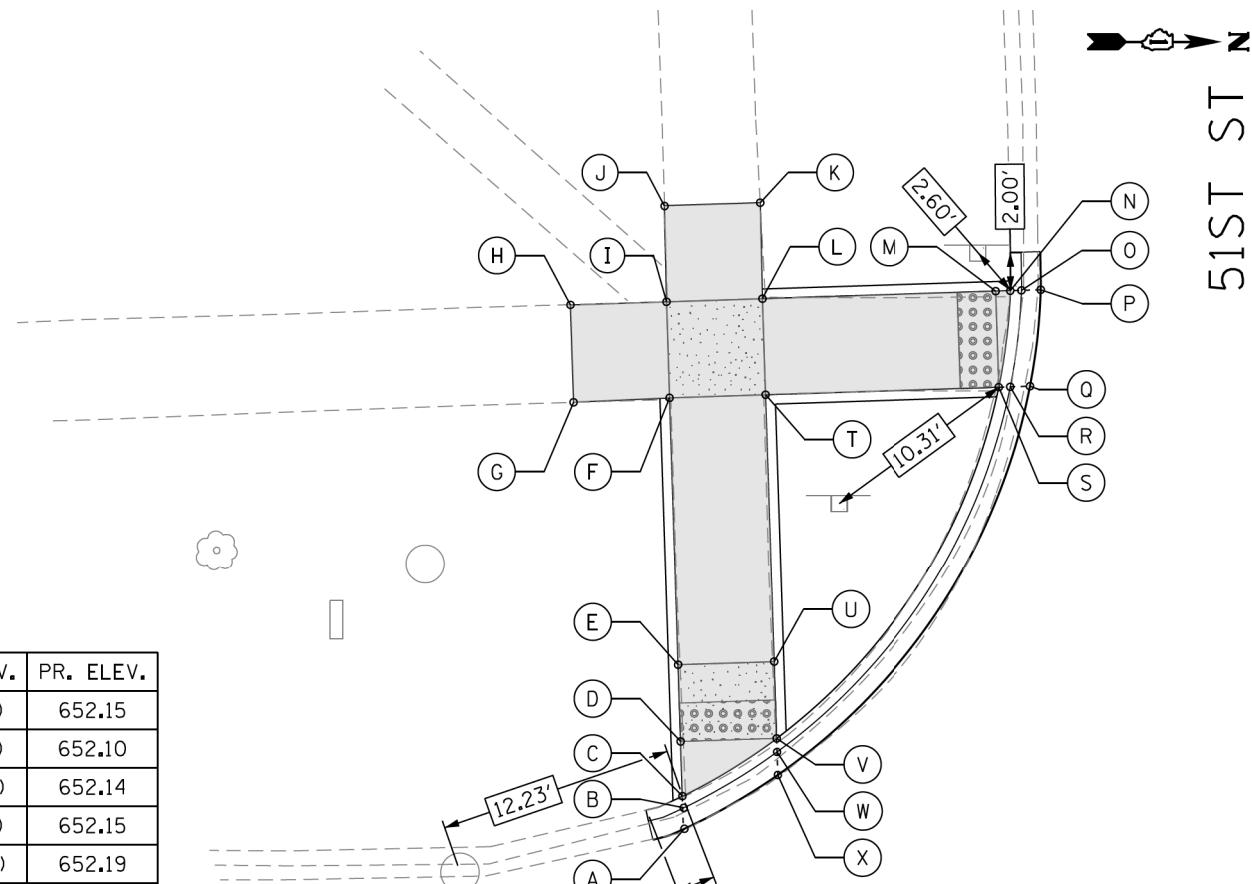
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 10 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 33
CONTRACT NO. 62F58			ADA - 10	

ILLINOIS FED. AID PROJECT

P:\66616005\18-PTB177-204-W018-62F58-ADA_Rampas_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_11.dgn

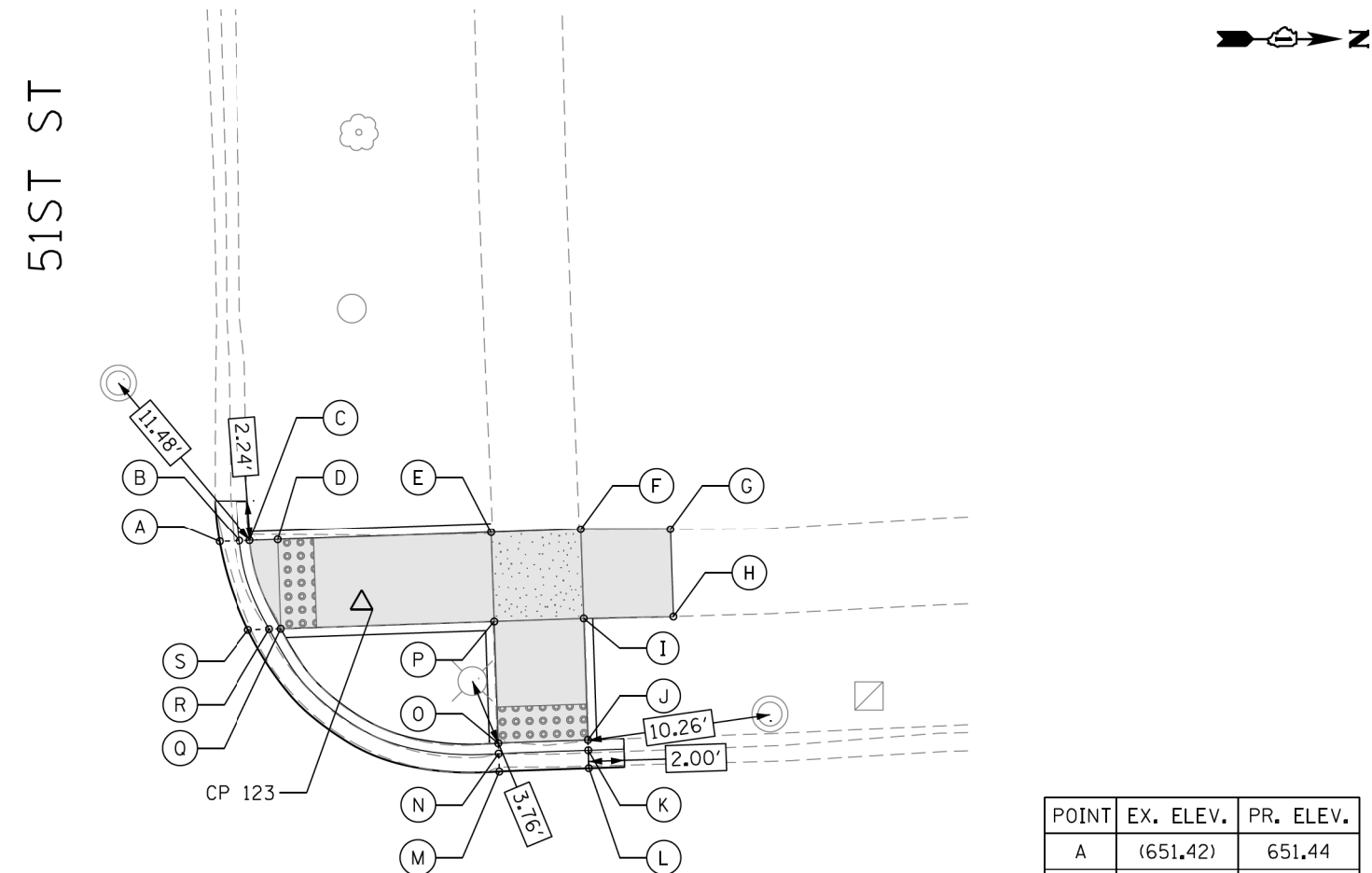


U.S. 12/20/45
(LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(652.19)	652.15
B	(652.18)	652.10
C	(652.32)	652.14
D	(652.31)	652.15
E	(652.30)	652.19
F	(652.27)	652.35
G	(652.22)	652.22
H	(652.45)	652.45
I	(652.41)	651.35
J	(652.35)	652.35
K	(652.25)	652.25
L	(652.30)	652.28
M	(651.61)	651.41
N	(651.54)	651.40
O	(651.28)	651.36
P	(651.28)	651.36
Q	(651.42)	651.42
R	(651.40)	651.40
S	(651.50)	651.44
T	(652.17)	651.31
U	(652.17)	652.12
V	(652.14)	652.08
W	(652.06)	652.04
X	(652.11)	652.09

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.84	0.35
D-E	4.00	1.00
D-V	5.00	1.40
E-F	13.95	1.15
E-U	5.00	1.40
F-G	5.00	2.60
F-I	5.00	0.00
F-T	5.00	0.80
G-H	5.00	4.60
H-I	5.00	2.00
I-J	5.00	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
I-L	5.00	1.40
J-K	5.00	2.00
K-L	5.00	0.40
L-M	12.19	7.10
L-T	5.00	0.60
M-N	0.76	1.32
M-S	5.00	0.60
S-T	12.19	7.10
T-U	13.95	1.36
U-V	4.00	1.00



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.58	1.27
D-E	11.92	4.53
D-Q	5.00	0.00
E-F	5.00	0.6
E-P	5.00	1.40
F-G	5.00	1.80
F-I	5.00	0.80
G-H	5.00	6.60
H-I	5.00	4.00
I-J	6.78	2.80
I-P	5.00	0.00
J-O	5.00	1.00
O-P	5.00	3.54
P-Q	5.00	3.94

POINT	EX. ELEV.	PR. ELEV.
A	(651.42)	651.44
B	(651.39)	651.44
C	(651.41)	651.48
D	(651.50)	651.50
E	(652.04)	652.04
F	(652.01)	652.01
G	(652.10)	652.10
H	(651.77)	651.77
I	(651.78)	651.97
J	(651.89)	651.78
K	(651.78)	651.74
L	(651.78)	651.78
M	(651.73)	651.73
N	(651.77)	651.69
O	(651.89)	651.73
P	(651.88)	651.97
Q	(651.67)	651.50
R	(651.51)	651.46
S	(651.56)	651.50

REFERENCE CONTROL POINT ELEV : 651.75'
 NORTHING : 1869261.194
 EASTING : 1110835.858
 CONTROL POINT NO : 123 (SET CROSS AT NORTHWEST OF 51ST ST & LAGRANGE RD)
 LOCATION : SET CROSS AT NORTHWEST OF 51ST ST +/- 5.50' NORTH OF BACK OF CURB
 LINE ON NORTH SIDE 51ST ST, +/- 6.80' WEST OF BACK OF CURB LINE ON
 WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM Y
 ELEV=652.53
 TOP OF FOUND RAIL ROAD SPIKE IN POWER POLE ON NORTH FACE ABOUT 30 FT
 WEST OF WEST LINE OF LAGRANGE ROAD ON SOUTHWEST CORNER 51ST STREET



USER NAME = tnohmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10,0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

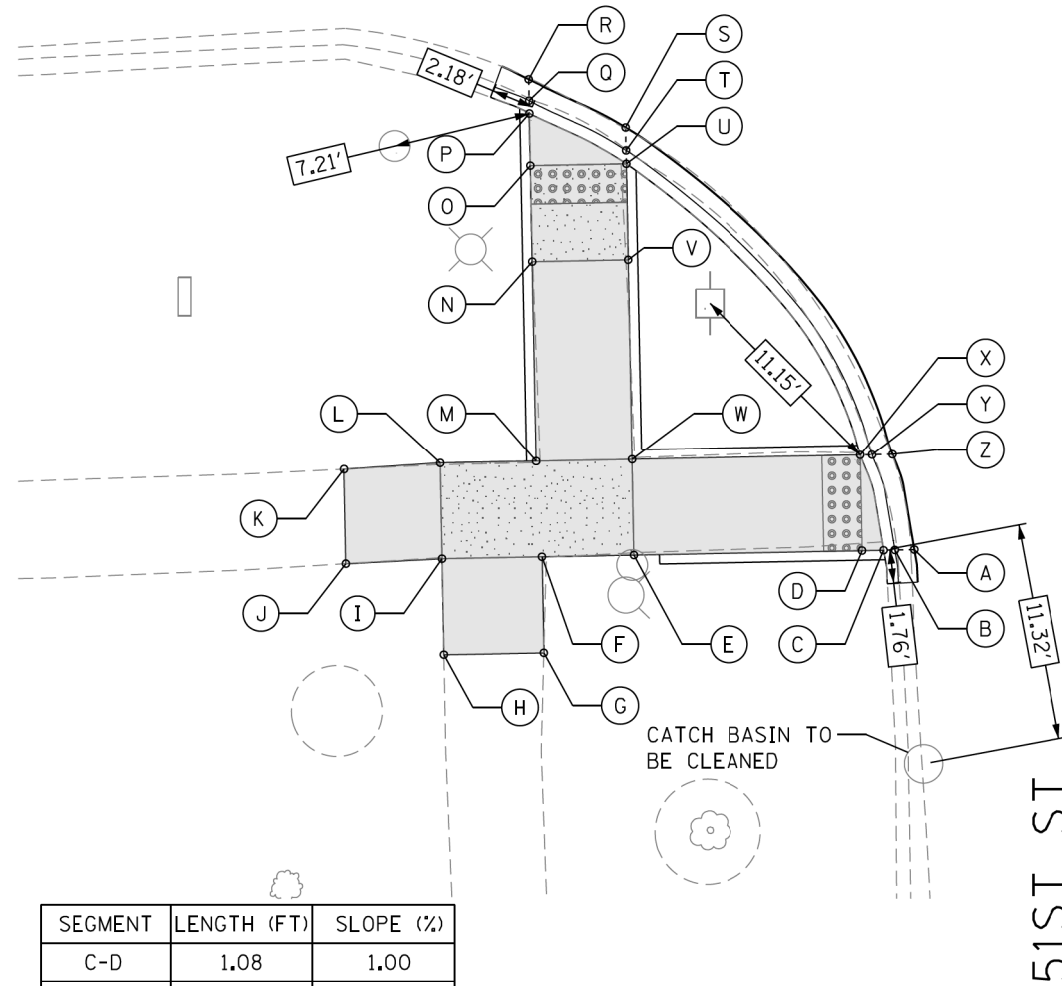
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 11 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F58	

ADA - 11

U.S. 12/20/45 (LAGRANGE RD.)

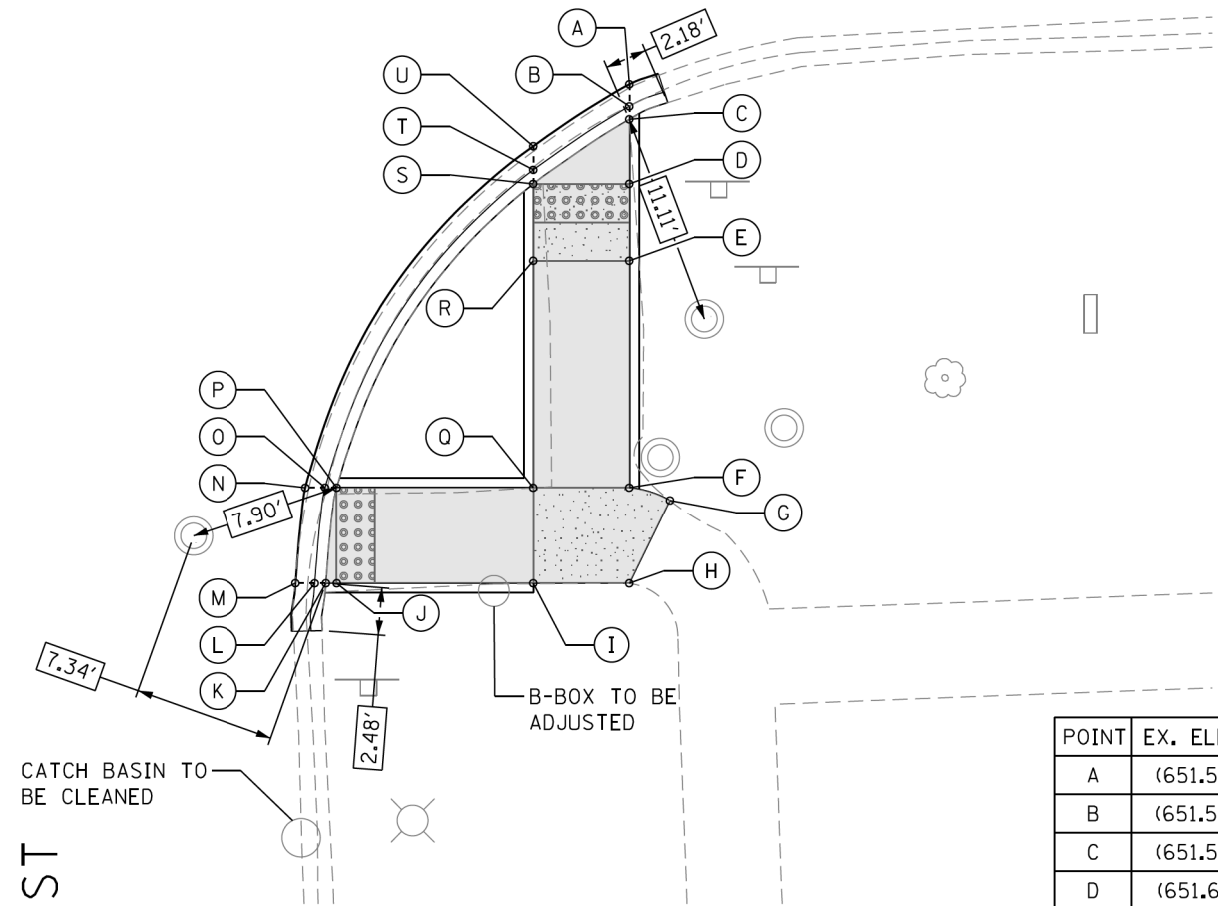


POINT	EX. ELEV.	PR. ELEV.
A	(651.65)	651.65
B	(651.62)	651.61
C	(651.84)	651.65
D	(651.86)	651.66
E	(652.00)	652.32
F	(652.03)	652.35
G	(652.07)	652.07
H	(652.22)	652.22
I	(652.18)	652.38
J	(652.17)	652.17
K	(652.03)	652.03
L	(652.05)	652.38
M	(651.99)	652.35
N	(652.06)	652.13
O	(652.11)	652.08
P	(652.12)	652.08
Q	(652.07)	652.04
R	(652.09)	652.09
S	(651.98)	651.98
T	(651.86)	651.97
U	(651.98)	652.01
V	(652.03)	652.06
W	(651.88)	652.32
X	(651.73)	651.69
Y	(651.62)	651.65
Z	(651.67)	651.67

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.08	1.00
D-E	11.91	5.50
D-X	5.00	0.60
E-F	5.00	0.60
E-W	5.00	0.00
F-G	5.00	5.60
G-H	5.00	3.00
H-I	5.00	3.20
I-J	5.00	4.20
I-L	5.00	0.00
J-K	5.00	2.80
K-L	5.00	7.00
L-M	5.00	0.60
M-N	10.42	2.10

SEGMENT	LENGTH (FT)	SLOPE (%)
M-W	5.00	0.60
N-O	5.00	1.00
N-V	5.00	1.40
O-P	2.71	0.00
O-U	5.00	1.40
U-V	5.00	1.00
V-W	10.42	2.50
W-X	11.91	5.29

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(651.55)	651.55
B	(651.50)	651.51
C	(651.59)	651.55
D	(651.61)	651.56
E	(651.63)	651.60
F	(651.84)	651.86
G	(651.86)	651.86
H	(651.93)	651.93
I	(651.86)	651.86
J	(651.53)	651.40
K	(651.51)	651.40
L	(651.42)	651.36
M	(651.40)	651.40
N	(651.37)	651.37
O	(651.30)	651.36
P	(651.53)	651.40
Q	(651.79)	651.86
R	(651.78)	651.56
S	(651.79)	651.52
T	(651.49)	651.48
U	(651.50)	651.50

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	3.37	0.30
D-E	4.00	1.00
D-S	5.00	0.80
E-F	11.83	2.20
E-R	5.00	0.80
F-G	2.25	0.00
F-Q	5.00	0.00
G-H	4.82	1.45
H-I	5.00	1.40
I-J	10.25	4.50
I-Q	5.00	0.00
J-K	0.56	0.00
J-P	5.00	0.00
P-Q	10.25	4.50
Q-R	11.83	2.54
R-S	4.00	1.00

REFERENCE CONTROL POINT ELEV : 651.75'
 NORTHING : 1869261.194
 EASTING : 1110835.858
 CONTROL POINT NO : 123 (SET CROSS AT NORTHWEST OF 51ST ST & LAGRANGE RD)
 LOCATION : SET CROSS AT NORTHWEST OF 51ST ST +/- 5.50' NORTH OF BACK OF CURB
 LINE ON NORTH SIDE 51ST ST, +/- 6.80' WEST OF BACK OF CURB LINE ON
 WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM Y
 ELEV=652.53
 TOP OF FOUND RAIL ROAD SPIKE IN POWER POLE ON NORTH FACE ABOUT 30 FT
 WEST OF WEST LINE OF LAGRANGE ROAD ON SOUTHWEST CORNER 51ST STREET



DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

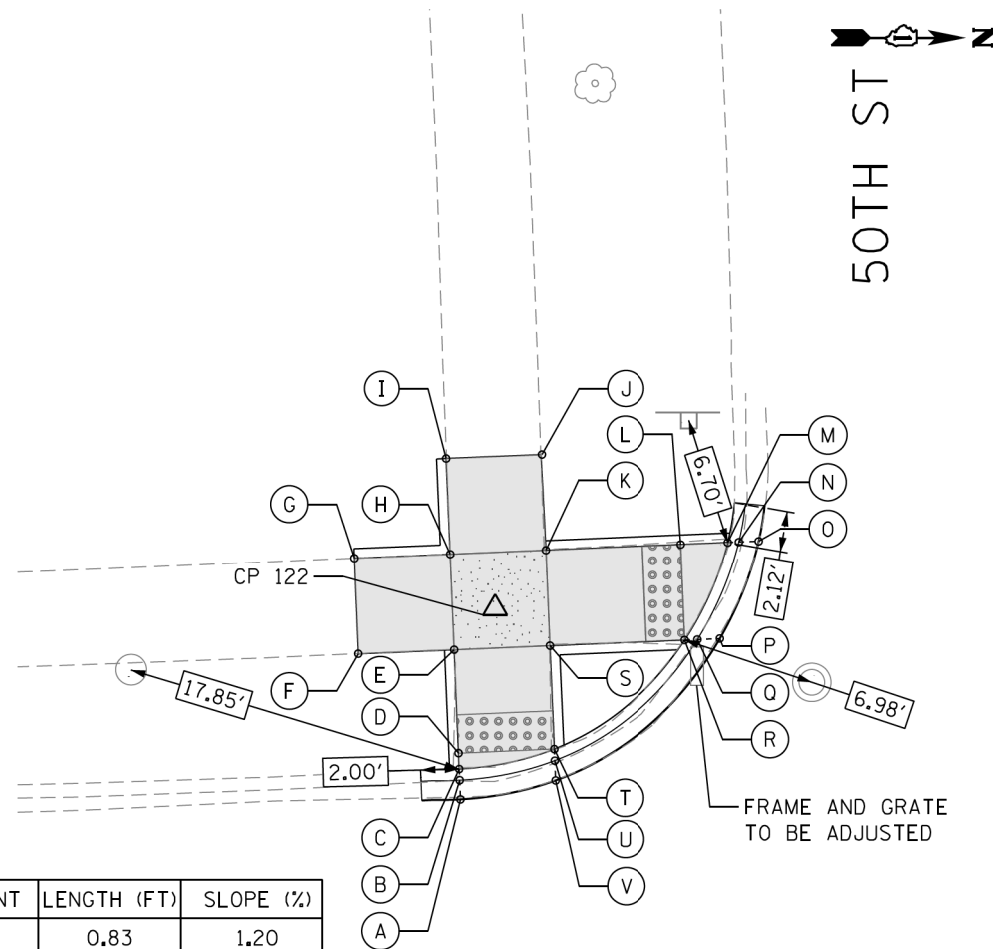
SCALE- 1:10 SHEET 12 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	35
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

ADA - 12

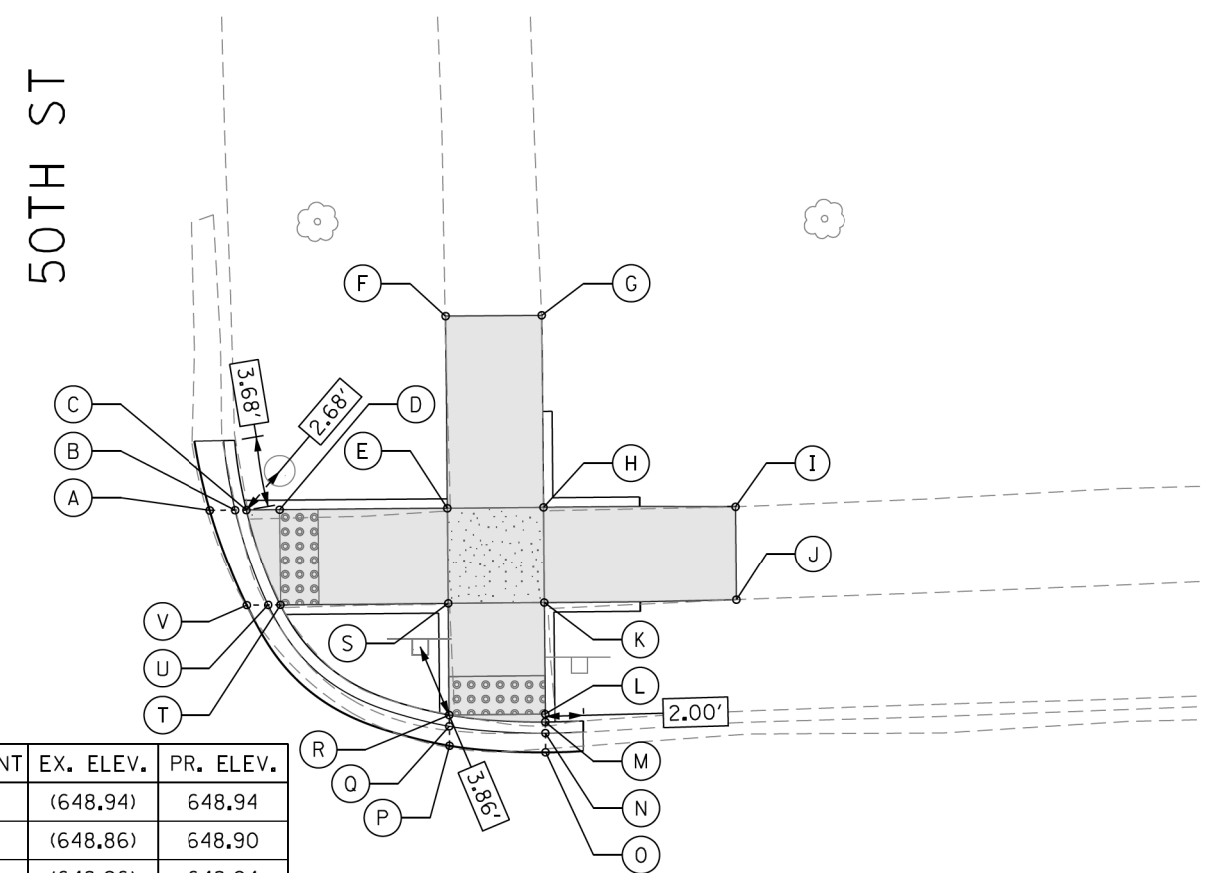
P:\66616005\18-PTB177-204-W018-62F58-ADA_Ramp_La_Grange\01CAD\05Sheet\62F58_ADA_Sheet_12.dgn



U.S. 12/20/45
(LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(649.72)	649.72
B	(649.69)	649.68
C	(649.84)	649.72
D	(649.90)	649.73
E	(650.20)	650.00
F	(650.07)	650.07
G	(650.24)	650.24
H	(650.29)	650.00
I	(650.17)	650.17
J	(650.09)	650.09
K	(650.19)	649.95
L	(649.78)	649.49
M	(649.61)	649.46
N	(649.42)	649.42
O	(649.38)	649.42
P	(649.53)	649.49
Q	(649.53)	649.45
R	(649.67)	649.49
S	(650.08)	649.95
T	(649.78)	649.68
U	(649.65)	649.64
V	(649.68)	649.68

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.83	1.20
D-E	5.39	5.00
D-T	5.00	1.00
E-F	5.00	1.40
E-H	5.00	0.00
E-S	5.00	1.00
F-G	5.00	3.40
G-H	5.00	4.80
H-I	5.00	3.40
H-K	5.00	1.00
I-J	5.00	1.60
J-K	5.00	1.60
K-L	7.04	6.53
K-S	5.00	0.00
L-M	2.45	1.22
L-R	5.00	0.00
R-S	7.04	6.53
S-T	5.39	5.00



U.S. 12/20/45
(LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(648.94)	648.94
B	(648.86)	648.90
C	(648.96)	648.94
D	(649.00)	649.96
E	(649.55)	649.36
F	(649.70)	649.70
G	(649.83)	649.83
H	(649.68)	649.36
I	(649.91)	649.91
J	(649.72)	649.72
K	(649.58)	649.29
L	(649.00)	648.89
M	(648.94)	648.89
N	(648.85)	648.85
O	(648.86)	648.86
P	(648.94)	648.94
Q	(648.96)	648.90
R	(649.07)	648.94
S	(649.46)	649.33
T	(648.94)	648.96
U	(648.94)	648.92
V	(648.96)	648.96

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.73	1.16
D-E	8.73	4.58
D-T	5.00	0.00
E-F	10.00	3.40
E-H	5.00	0.00
E-S	5.00	0.60
F-G	5.00	2.60
G-H	10.00	4.70
H-I	10.00	5.53
H-K	5.00	1.40
I-J	4.87	3.90
J-K	10.00	4.34
K-L	5.81	6.88
K-S	5.00	0.80
L-M	0.41	0.00
L-R	5.00	1.00
R-S	5.81	6.71
S-T	8.73	4.24

REFERENCE CONTROL POINT ELEV : 650.19'
 NORTHING : 1869877.248
 EASTING : 1110813.439
 CONTROL POINT NO : 122 (FIND CROSS AT SOUTHWEST OF 50TH ST & LAGRANGE RD)
 LOCATION : FIND CROSS AT SOUTHWEST OF 50TH ST +/- 11.0' SOUTH OF BACK OF CURB OF SOUTH SIDE 50TH ST, 8.0' WEST OF BACK OF CURB OF WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM X
 ELEV=650.27
 SET CUT SQUARE ON WEST SIDE OF CONCRETE BASE OF LIGHT POLE ABOUT 90 FT SOUTH OF SOUTHWEST CORNER OF 50TH STREET



USER NAME = tnohmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10,0000' / 1in	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

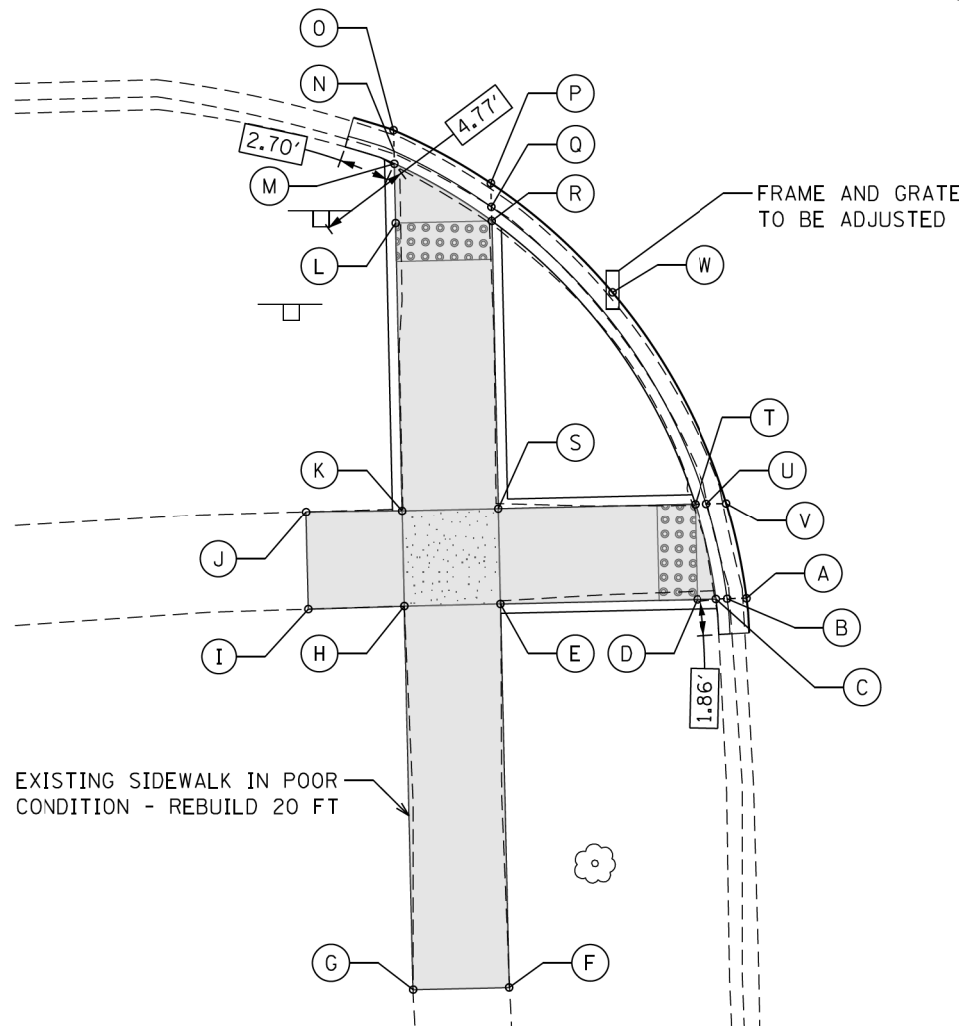
PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 13 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	36
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

U.S. 12/20/45 (LAGRANGE RD.)

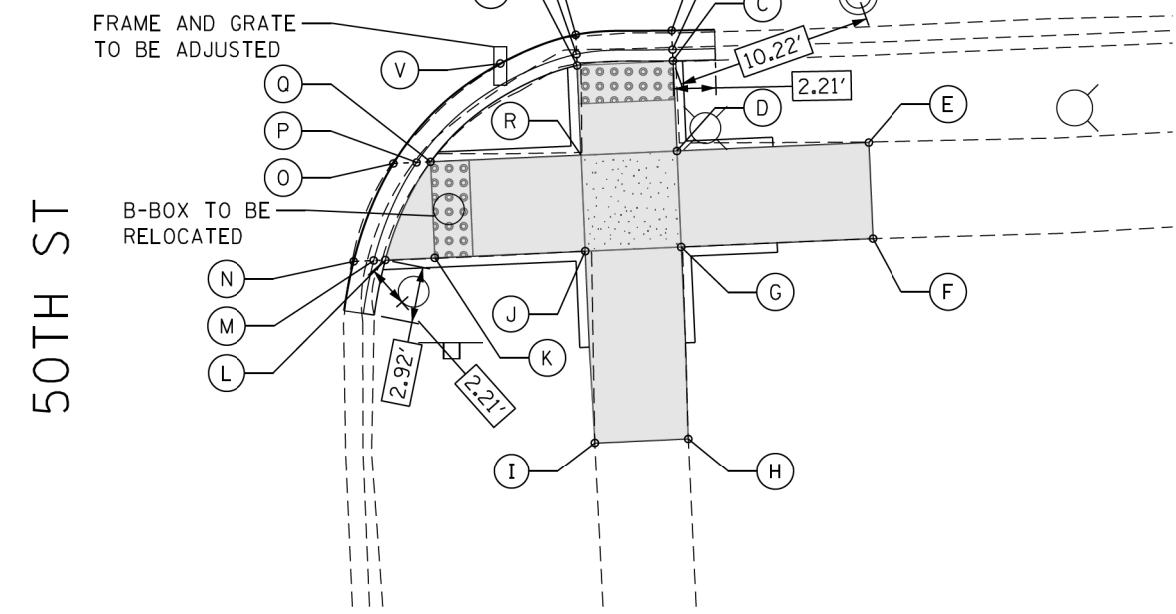


POINT	EX. ELEV.	PR. ELEV.
A	(649.48)	649.48
B	(649.50)	649.43
C	(649.64)	649.47
D	(649.71)	649.48
E	(650.23)	650.17
F	(650.31)	650.31
G	(650.33)	650.33
H	(650.37)	650.22
I	(650.41)	650.41
J	(650.47)	650.47
K	(650.43)	650.22
L	(649.71)	649.51
M	(649.58)	649.50
N	(649.47)	649.46
O	(649.50)	649.50
P	(649.41)	649.41
Q	(649.35)	649.40
R	(649.45)	649.44
S	(650.32)	650.17
T	(649.49)	649.45
U	(649.40)	649.41
V	(649.45)	649.45
W	(649.35)	649.35

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.00	1.00
D-T	5.00	0.60
D-E	10.27	6.70
E-F	20.00	0.70
E-H	5.00	1.00
E-S	5.00	0.00
F-G	5.00	0.40
G-H	20.00	0.55
H-I	5.00	3.80
H-K	5.00	0.00
I-J	5.00	1.20
J-K	5.00	5.00

SEGMENT	LENGTH (FT)	SLOPE (%)
K-L	15.00	4.80
K-S	5.00	4.90
L-M	3.09	0.32
L-R	5.00	1.40
R-S	15.00	4.87
S-T	10.27	7.00

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(649.41)	649.41
B	(649.43)	649.40
C	(649.54)	649.44
D	(650.09)	649.77
E	(650.22)	650.22
F	(650.21)	650.21
G	(650.19)	649.84
H	(650.25)	650.25
I	(650.29)	650.29
J	(650.14)	649.82
K	(649.80)	649.48
L	(649.69)	649.48
M	(649.53)	649.44
N	(649.48)	649.48
O	(649.37)	649.37
P	(649.36)	649.37
Q	(649.49)	649.41
R	(649.98)	649.75
S	(649.60)	649.42
T	(649.44)	649.38
U	(649.40)	649.40
V	(649.37)	649.37

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	4.67	7.07
C-S	5.00	0.40
D-E	10.00	4.50
D-G	5.00	1.40
D-R	5.00	0.40
E-F	5.00	0.20
F-G	10.00	3.70
G-H	10.00	4.10
G-J	5.00	0.40
H-I	5.00	0.80
I-J	10.00	4.80
J-K	7.84	4.34
J-R	5.00	1.40
K-L	2.57	0.00
K-Q	5.00	1.40
O-R	7.84	4.34
R-S	4.67	7.07

P:\66616005\18-PT177-204-W018-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_14.dgn

REFERENCE CONTROL POINT ELEV : 650.19'
 NORTHING : 1869877.248
 EASTING : 1110813.439
 CONTROL POINT NO : 122 (FIND CROSS AT SOUTHWEST OF 50TH ST & LAGRANGE RD)
 LOCATION : FIND CROSS AT SOUTHWEST OF 50TH ST +/- 11.0' SOUTH OF BACK OF CURB OF SOUTH SIDE 50TH ST, 8.0' WEST OF BACK OF CURB OF WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM X
 ELEV=650.27
 SET CUT SQUARE ON WEST SIDE OF CONCRETE BASE OF LIGHT POLE ABOUT 90 FT SOUTH OF SOUTHWEST CORNER OF 50TH STREET



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
DESIGNED - TOM	DRAWN - LEG	REVISED -
PLLOT SCALE = 10.0000' / 1in	CHECKED - AWM	REVISED -
PLLOT DATE = 3/1/2018	DATE - 01/16/2018	REVISED -

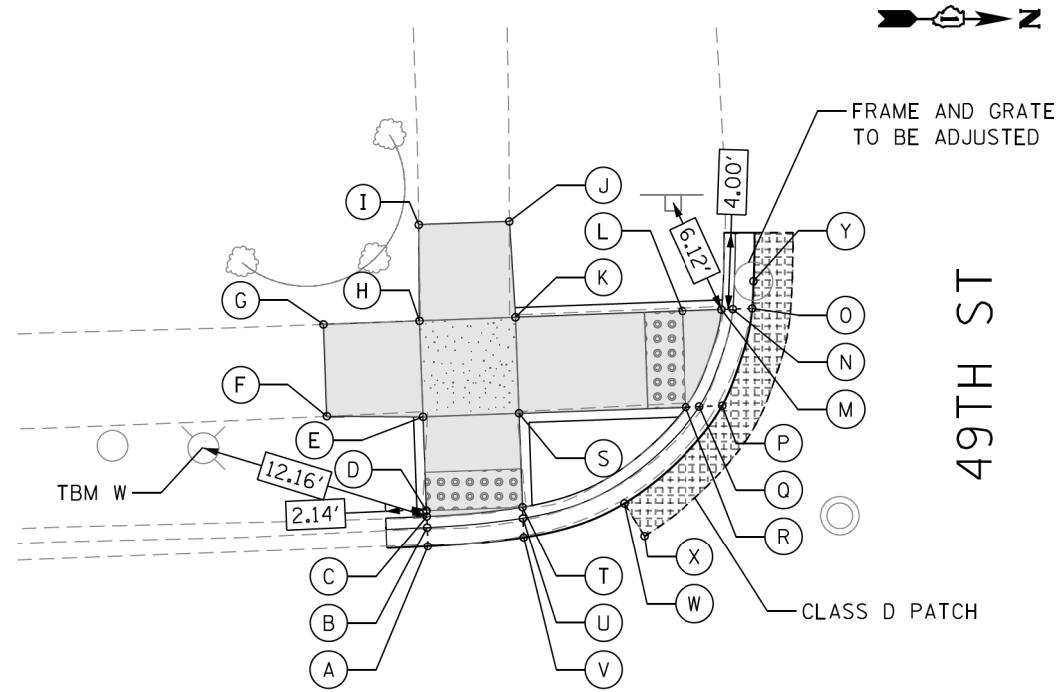
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 14 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	37
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

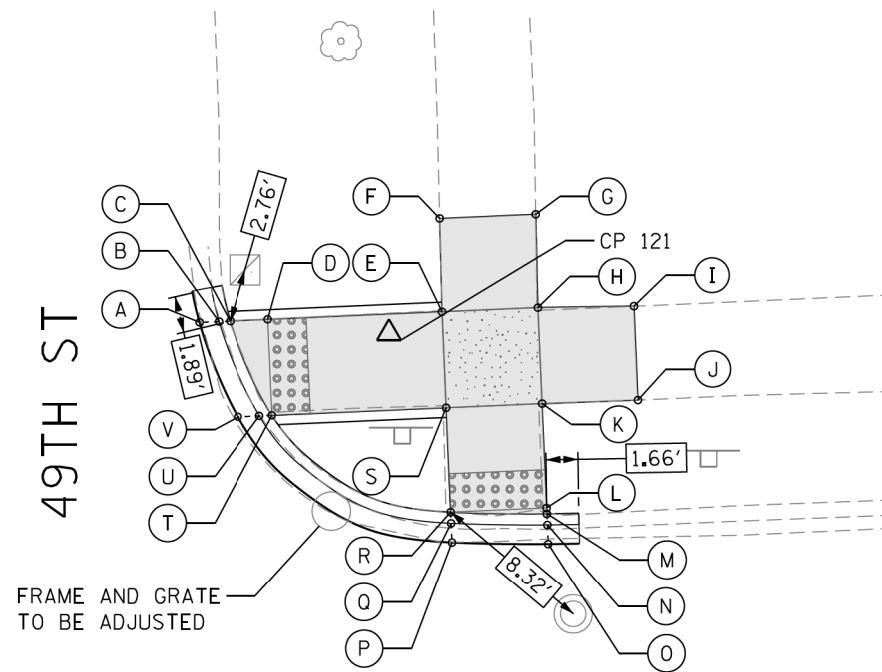
ADA - 14



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(645.24)	645.24
B	(645.24)	645.22
C	(645.40)	645.26
D	(645.41)	645.26
E	(645.62)	645.53
F	(645.56)	645.56
G	(645.81)	645.81
H	(645.79)	645.53
I	(645.81)	645.81
J	(645.66)	645.66
K	(645.67)	645.48
L	(645.19)	644.86
M	(645.08)	644.83
N	(644.72)	644.79
O	(644.71)	644.79
P	(645.00)	644.86
Q	(645.02)	644.82
R	(645.22)	644.86
S	(645.45)	645.48
T	(645.30)	645.21
U	(645.20)	645.17
V	(645.27)	645.21
W	(645.16)	645.16
X	(645.26)	645.26
Y	(644.67)	644.71

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.30	0.00
D-E	4.89	5.11
D-T	5.00	1.00
E-F	5.00	0.60
E-H	5.00	0.00
E-S	5.00	1.00
F-G	4.78	5.23
G-H	5.00	5.60
H-I	5.00	5.60
H-K	5.00	1.00
I-J	4.71	3.18
J-K	5.00	3.60
K-L	8.71	7.12
K-S	5.00	0.00
L-M	2.07	1.48
L-R	5.00	0.00
R-S	8.71	7.12
S-T	4.89	5.11



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.00	1.00
D-E	9.04	2.22
D-T	5.00	1.00
E-F	5.00	4.40
E-H	5.00	0.00
E-S	5.00	1.20
F-G	5.00	2.80
G-H	5.00	1.60
H-I	5.00	0.00
H-K	5.00	1.20
I-J	4.89	8.00
J-K	5.00	6.60
K-L	5.44	5.88
K-S	5.00	0.00
L-M	0.30	0.00
L-R	5.00	1.40
R-S	5.44	4.60
S-T	9.04	2.11

POINT	EX. ELEV.	PR. ELEV.
A	(644.93)	644.93
B	(644.91)	644.89
C	(644.98)	644.93
D	(645.06)	644.95
E	(645.38)	645.15
F	(645.37)	645.37
G	(645.23)	645.23
H	(645.24)	645.15
I	(645.15)	645.15
J	(644.76)	644.76
K	(644.86)	645.09
L	(644.82)	644.77
M	(644.81)	644.77
N	(644.75)	644.73
O	(644.75)	644.75
P	(644.84)	644.84
Q	(644.83)	644.80
R	(644.94)	644.84
S	(644.92)	645.09
T	(645.10)	644.90
U	(644.86)	644.86
V	(644.89)	644.89

REFERENCE CONTROL POINT ELEV : 645.24'
 NORTHING : 1870595.38
 EASTING : 1110785.30
 CONTROL POINT NO : 121 (SET CROSS ON NORTHWEST OF 49TH ST & LAGRANGE RD)
 LOCATION : SET CROSS ON NORTHWEST OF 49TH ST +/- 9.0' NORTH OF BACK OF CURB
 LINE ON NORTH SIDE 49TH ST, +/- 9.30' WEST OF BACK OF CURB LINE ON
 WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM W
 ELEV=645.45
 SET CUT SQUARE ON NORTH SIDE OF CONCRETE BASE OF LIGHT POLE AT SOUTHWEST
 CORNER OF 49TH STREET

P:\66616005\18-PT177-204-W018-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\22F58_ADA_Sheet_15.dgn



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23 -6783

USER NAME = tnoahmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 15 OF 50 SHEETS STA. TO STA.

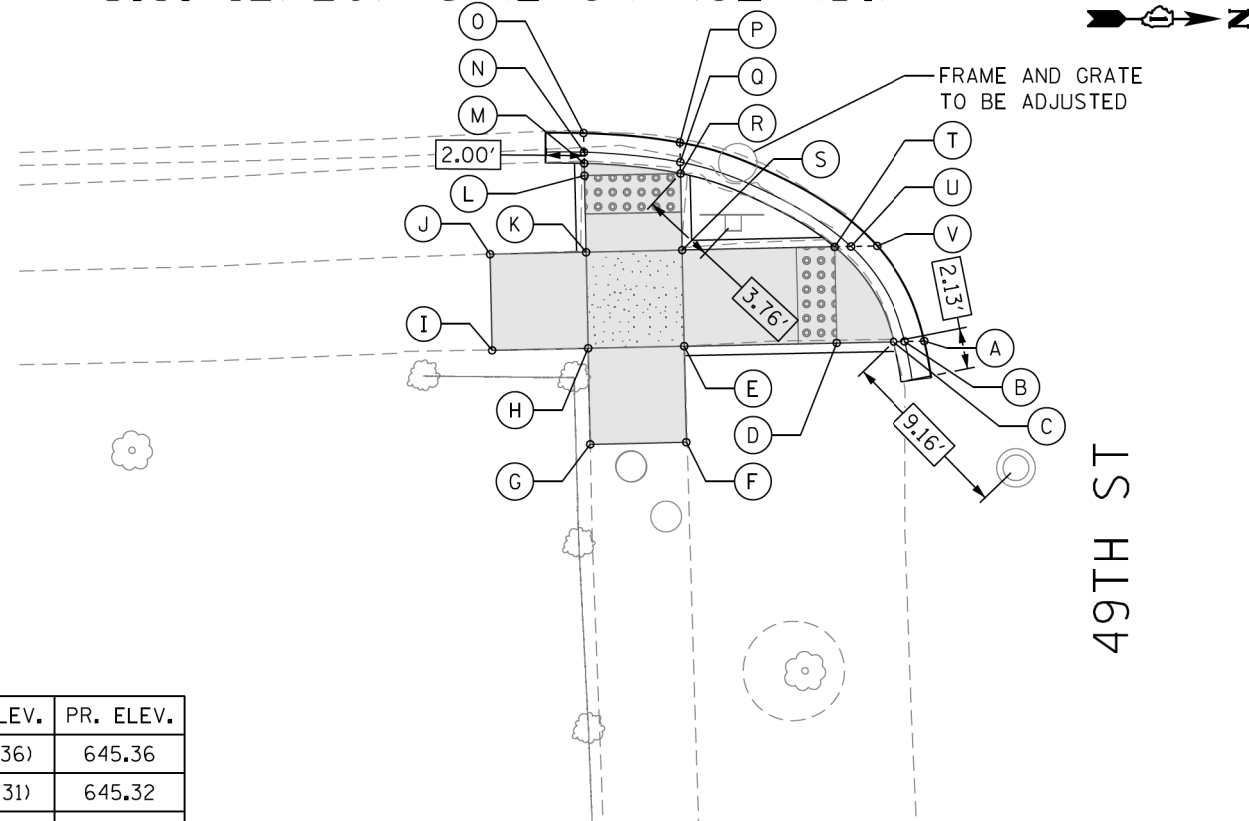
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	38

CONTRACT NO. 62F58

ADA - 15

ILLINOIS FED. AID PROJECT

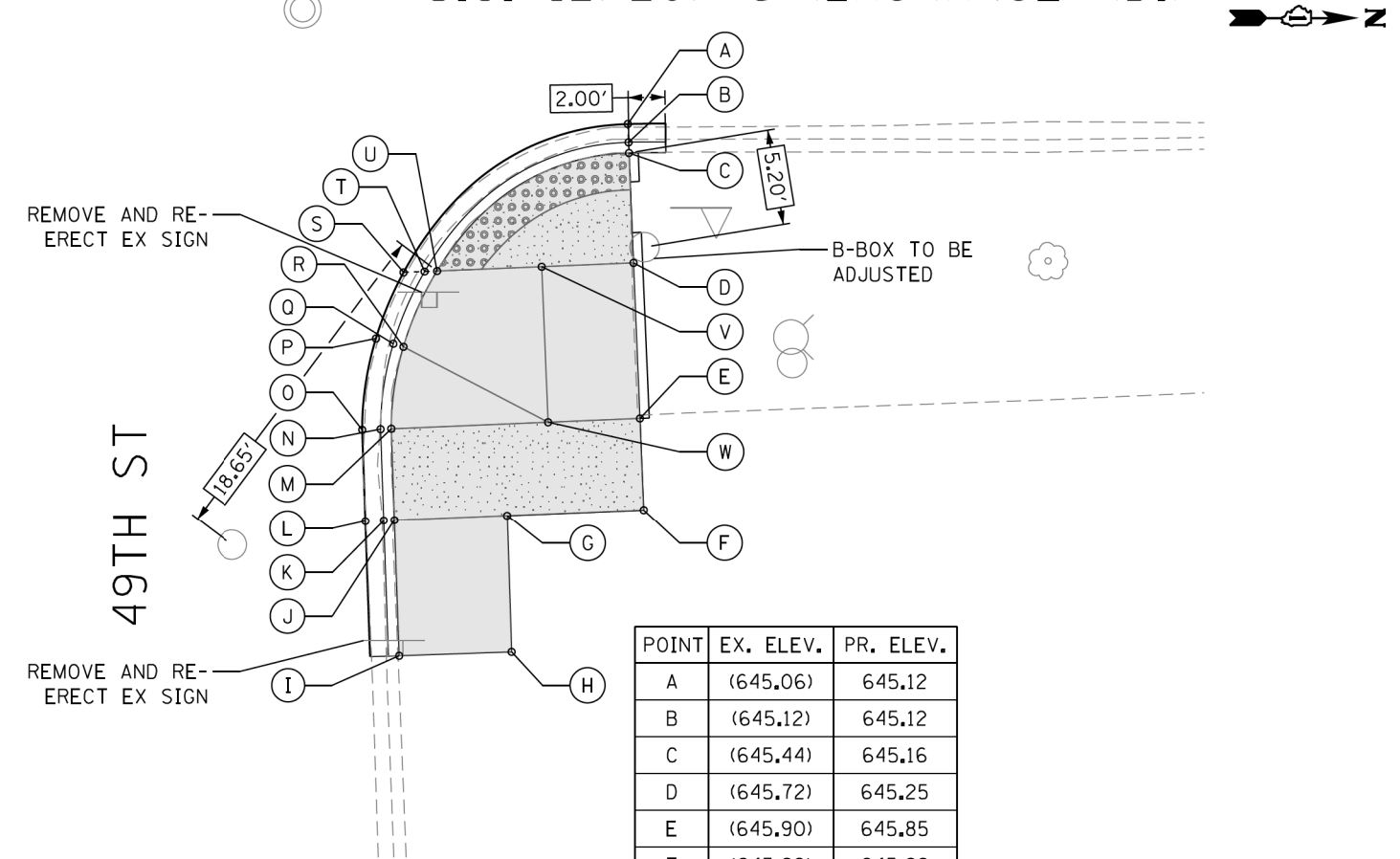
U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(645.36)	645.36
B	(645.31)	645.32
C	(645.38)	645.36
D	(645.39)	645.39
E	(645.63)	645.65
F	(645.70)	645.70
G	(645.86)	645.86
H	(645.85)	645.72
I	(645.97)	645.97
J	(645.84)	645.84
K	(645.71)	645.67
L	(645.55)	645.48
M	(645.53)	645.48
N	(645.46)	645.44
O	(645.48)	645.48
P	(645.37)	645.37
Q	(645.39)	645.37
R	(645.53)	645.41
S	(645.53)	645.61
T	(645.34)	645.33
U	(645.28)	645.29
V	(645.30)	645.30

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	3.00	1.00
D-E	8.00	3.30
D-T	5.00	1.20
E-F	5.00	1.00
E-H	5.00	1.40
E-S	5.00	0.80
F-G	5.00	3.20
G-H	5.00	2.80
H-I	5.00	5.00
H-K	5.00	1.00
I-J	5.00	2.60
J-K	5.00	3.40
K-L	4.00	4.80
K-S	5.00	1.20
L-M	0.64	0.00
L-R	5.00	1.40
R-S	4.00	5.00
S-T	8.00	3.50

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(645.06)	645.12
B	(645.12)	645.12
C	(645.44)	645.16
D	(645.72)	645.25
E	(645.90)	645.85
F	(645.92)	645.92
G	(645.92)	645.92
H	(646.10)	646.10
I	(646.10)	646.10
J	(645.63)	645.85
K	(645.42)	645.35
L	(645.39)	645.39
M	(645.40)	645.80
N	(645.28)	645.30
O	(645.34)	645.34
P	(645.22)	645.26
Q	(645.28)	645.24
R	(645.66)	645.59
S	(645.12)	645.18
T	(645.34)	645.18
U	(645.63)	645.22
V	(645.58)	645.25
W	(645.84)	645.85

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	6.00	1.50
D-E	8.47	7.08
D-V	5.00	0.00
E-F	5.00	1.40
E-W	5.00	0.00
F-G	7.45	0.00
G-H	7.45	2.42
G-J	6.13	1.14
H-I	6.13	0.00
I-J	7.45	3.36
J-M	5.00	1.00
M-R	4.50	4.67
M-W	8.54	0.59
R-U	4.50	8.22
U-V	5.69	0.53
V-W	8.47	7.08

REFERENCE CONTROL POINT ELEV : 645.24'
 NORTHING : 1870595.38
 EASTING : 1110785.30
 CONTROL POINT NO : 121 (SET CROSS ON NORTHWEST OF 49TH ST & LAGRANGE RD)
 LOCATION : SET CROSS ON NORTHWEST OF 49TH ST +/- 9.0' NORTH OF BACK OF CURB
 LINE ON NORTH SIDE 49TH ST, +/- 9.30' WEST OF BACK OF CURB LINE ON
 WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM W
 ELEV=645.45
 SET CUT SQUARE ON NORTH SIDE OF CONCRETE BASE OF LIGHT POLE AT SOUTHWEST
 CORNER OF 49TH STREET



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23 -6783

USER NAME = tnohmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 16 OF 50 SHEETS STA. TO STA.

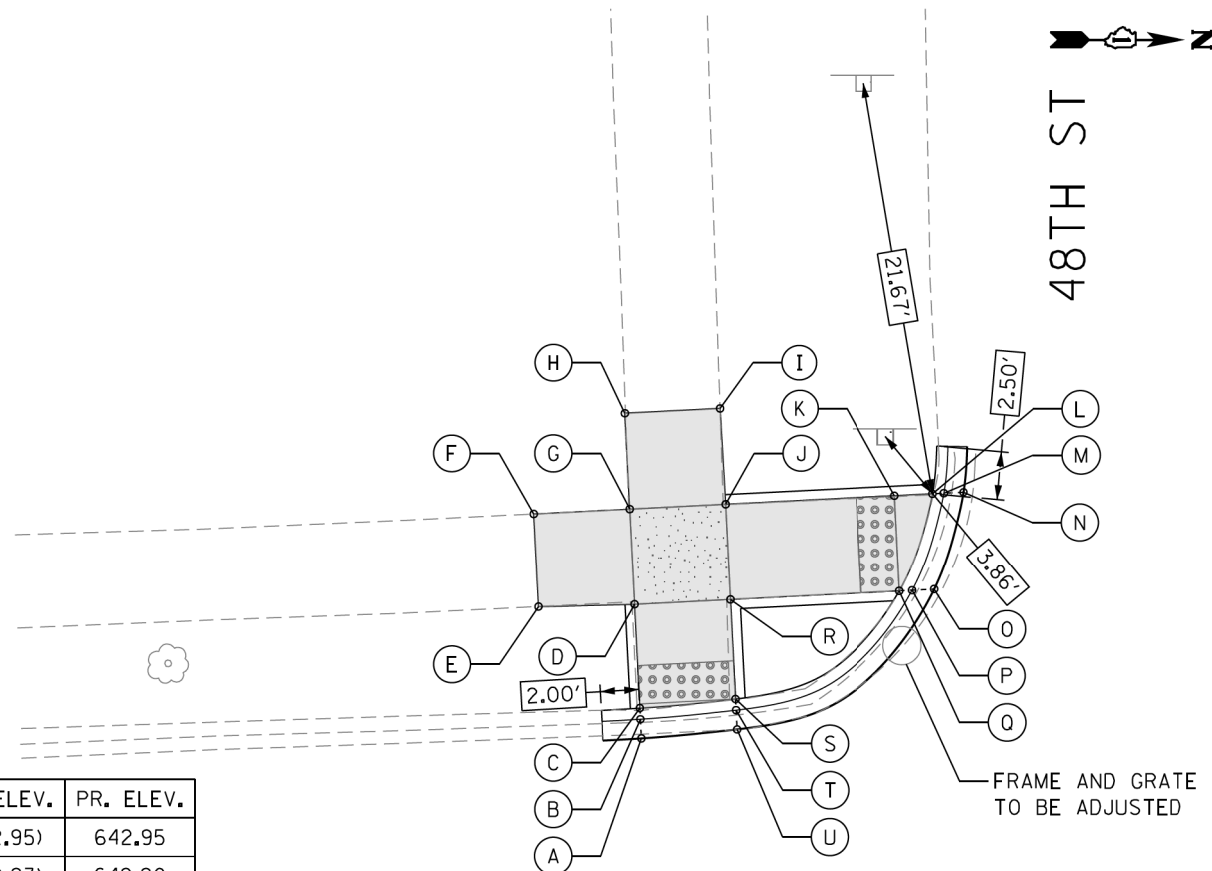
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	39

CONTRACT NO. 62F58

ILLINOIS FED. AID PROJECT

ADA - 16

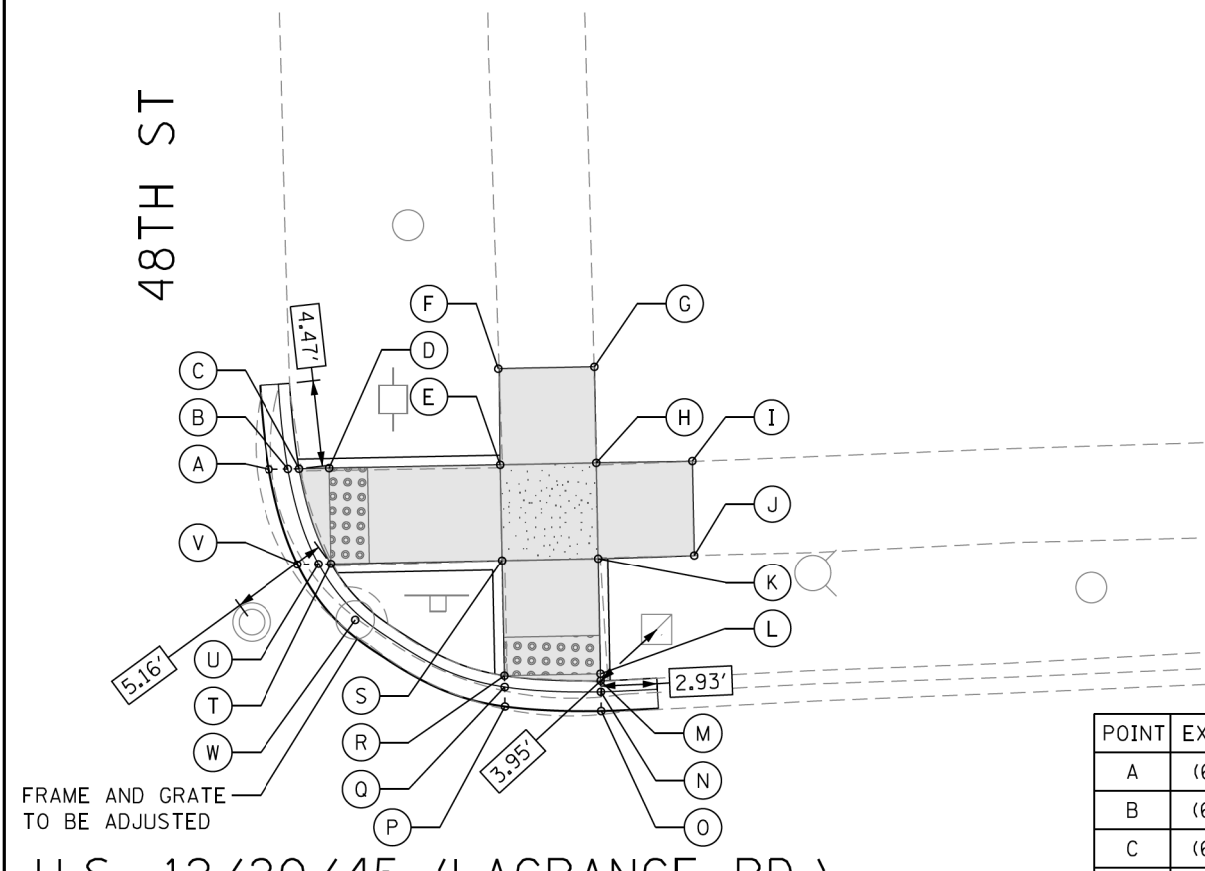
P:\60616005\18-PTB177-004-W018-62F58-ADA_Ramp_La_Grange_01CAD\005Sheet\62F58_ADA_Sheet_16.dgn



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(642.95)	642.95
B	(642.93)	642.90
C	(643.06)	642.94
D	(643.40)	643.29
E	(643.40)	643.40
F	(643.48)	643.48
G	(643.44)	643.34
H	(643.45)	643.45
I	(643.36)	643.36
J	(643.30)	643.29
K	(643.10)	643.05
L	(643.13)	643.04
M	(643.11)	643.00
N	(643.04)	643.04
O	(642.94)	642.94
P	(642.99)	642.94
Q	(643.16)	642.98
R	(643.28)	643.27
S	(643.08)	642.92
T	(642.94)	642.88
U	(642.93)	642.93

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	5.20	6.73
C-S	5.00	0.40
D-E	5.00	2.20
D-G	5.00	1.00
D-R	5.00	0.40
E-F	5.00	1.60
F-G	5.00	2.80
G-H	5.00	2.20
G-J	5.00	1.00
H-I	5.00	1.80
I-J	5.00	1.40
J-K	8.83	2.70
J-R	5.00	0.40
K-L	2.00	0.50
K-Q	5.00	1.40
Q-R	8.83	3.28
R-S	5.20	6.73



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.57	1.27
D-E	8.91	7.07
D-T	5.00	1.00
E-F	5.00	1.90
E-H	5.00	1.00
E-S	5.00	1.00
F-G	5.00	2.00
G-H	5.00	2.80
H-L	5.00	2.40
H-K	5.00	1.20
L-J	5.00	3.20
J-K	5.00	0.40
K-L	6.03	6.97
K-S	5.00	0.80
L-M	0.36	0.00
L-R	5.00	0.80
R-S	6.03	6.97
S-T	8.91	7.07

POINT	EX. ELEV.	PR. ELEV.
A	(642.89)	642.89
B	(642.90)	642.84
C	(643.03)	642.88
D	(643.16)	642.90
E	(643.56)	643.53
F	(643.62)	643.62
G	(643.72)	643.72
H	(643.65)	643.58
I	(643.70)	643.70
J	(643.54)	643.54
K	(643.48)	643.52
L	(643.12)	643.10
M	(643.10)	643.10
N	(643.07)	643.06
O	(643.10)	643.10
P	(643.06)	643.06
Q	(643.04)	643.02
R	(643.08)	643.06
S	(643.41)	643.48
T	(643.00)	642.85
U	(642.92)	642.81
V	(642.82)	642.82
W	(642.77)	642.77

REFERENCE CONTROL POINT ELEV : 643.64'
 NORTHING : 1871207.63
 EASTING : 1110840.33
 CONTROL POINT NO : 120 (SET CROSS ON SOUTHEAST OF 48TH ST & LAGRANGE RD)
 LOCATION : SET CROSS ON SOUTHEAST OF 48TH ST +/- 16.0' EAST OF BACK OF CURB
 LINE ON EAST SIDE LAGRANGE ROAD +/- 14.5' SOUTH OF BACK OF CURB
 LINE ON SOUTH SIDE 48TH ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM 0
 ELEV=643.61
 SET CUT SQUARE ON SW'LY SIDE OF CONCRETE BASE OF LIGHT POLE AT SOUTHEAST CORNER OF 48TH STREET AND LAGRANGE ROAD ABOUT 4 FT EAST OF BACK OF CURB AND ABOUT 7 FT SOUTH OF BACK OF CURB



USER NAME = tnohmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1in.	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

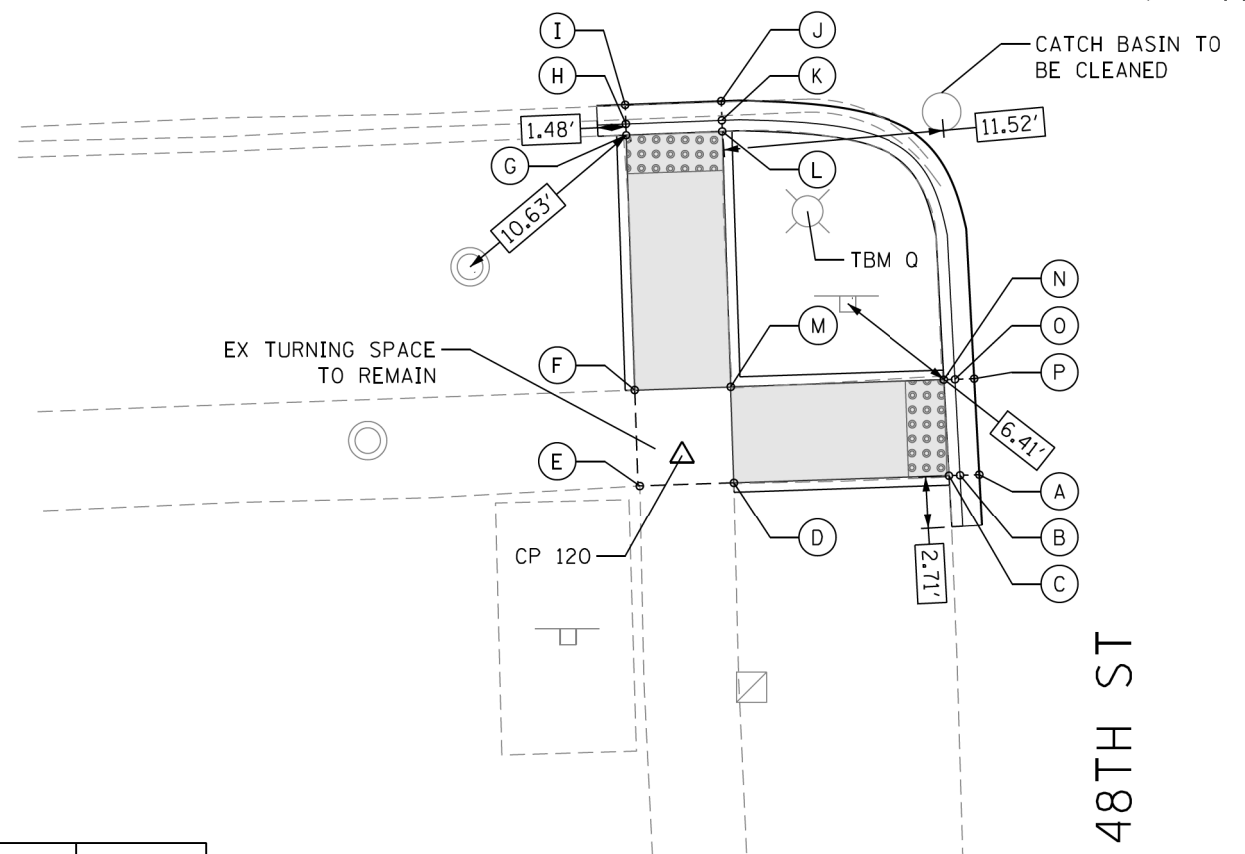
SCALE- 1:10 SHEET 17 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	40
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 17

P:\66516005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange_01CAD\005Sheet\62F58_ADA_Sheet_17.dgn

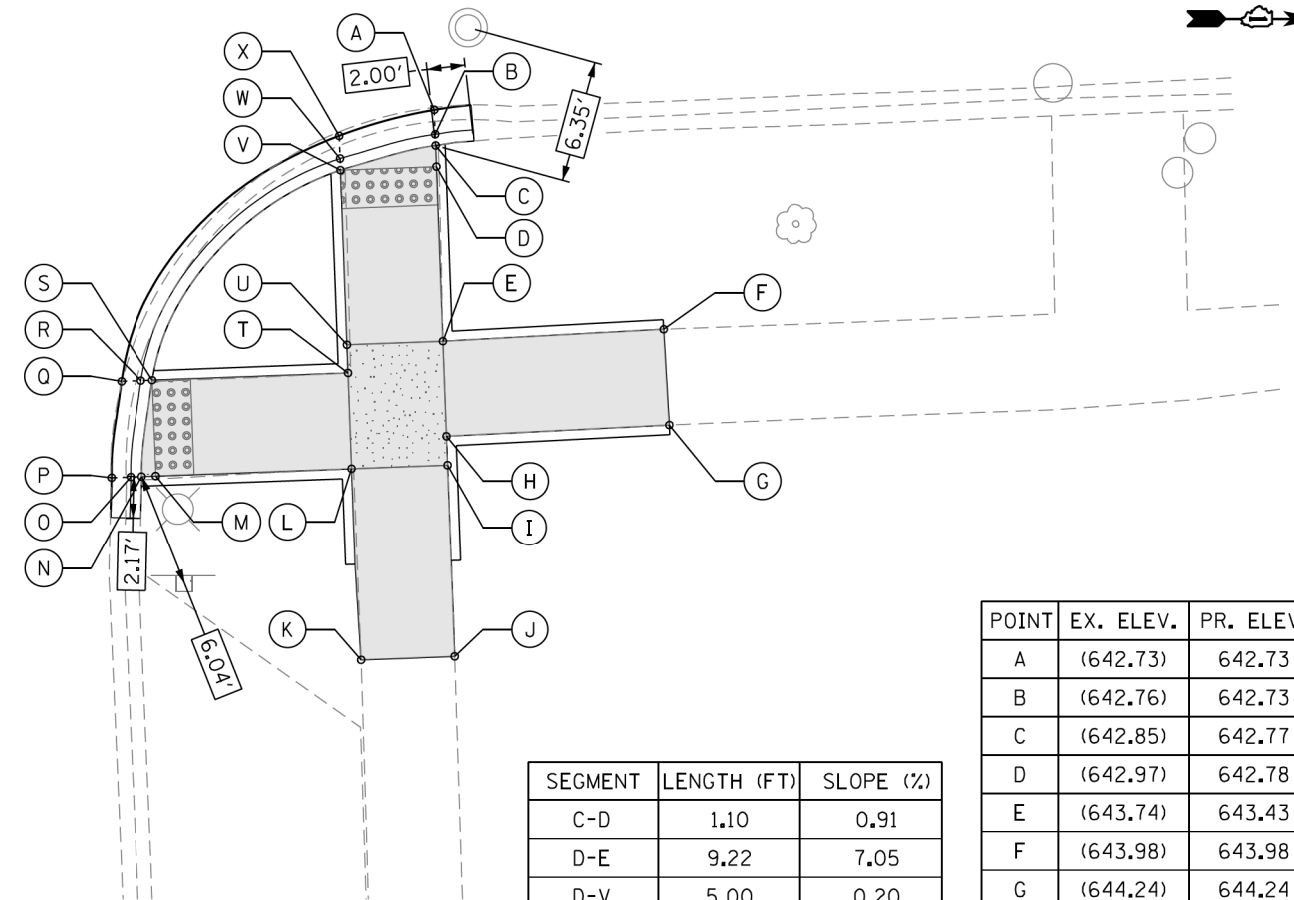
U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(643.10)	643.10
B	(643.11)	643.10
C	(643.19)	643.14
D	(643.60)	643.60
E	(643.68)	643.68
F	(643.60)	643.60
G	(643.11)	643.08
H	(643.01)	643.04
I	(643.08)	643.08
J	(643.07)	643.07
K	(643.04)	643.03
L	(643.16)	643.07
M	(643.59)	643.59
N	(643.17)	643.12
O	(643.17)	643.08
P	(643.18)	643.12

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	11.15	4.12
C-N	5.00	0.40
D-E	4.90	1.63
D-M	5.00	0.20
E-F	5.00	1.60
F-G	13.27	3.91
F-M	5.00	0.20
G-L	5.00	0.20
L-M	13.27	3.91
M-N	11.15	4.20

U.S. 12/20/45 (LAGRANGE RD.)



SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.10	0.91
D-E	9.22	7.05
D-V	5.00	0.20
E-F	11.58	4.75
E-H	5.00	1.00
E-U	5.00	0.00
F-G	5.00	5.20
G-H	11.58	6.56
H-I	1.50	0.67
I-J	10.00	4.10
I-L	5.00	1.00
J-K	5.00	1.20
K-L	10.00	4.00
L-M	10.22	3.33
L-T	5.00	0.20
M-N	0.75	0.00
M-S	5.00	1.40
S-T	10.22	3.91
T-U	1.47	0.00
U-V	9.10	7.03

POINT	EX. ELEV.	PR. ELEV.
A	(642.73)	642.73
B	(642.76)	642.73
C	(642.85)	642.77
D	(642.97)	642.78
E	(643.74)	643.43
F	(643.98)	643.98
G	(644.24)	644.24
H	(643.91)	643.48
I	(643.91)	643.49
J	(643.90)	643.90
K	(643.84)	643.84
L	(643.79)	643.44
M	(643.20)	643.10
N	(643.15)	643.10
O	(643.08)	643.06
P	(643.10)	643.06
Q	(642.99)	642.99
R	(643.03)	642.99
S	(643.21)	643.03
T	(643.68)	643.43
U	(643.62)	643.43
V	(642.93)	642.79
W	(642.88)	642.75
X	(642.75)	642.75

REFERENCE CONTROL POINT ELEV : 643.64'
 NORTHING : 1871207.63
 EASTING : 1110840.33
 CONTROL POINT NO : 120 (SET CROSS ON SOUTHEAST OF 48TH ST & LAGRANGE RD)
 LOCATION : SET CROSS ON SOUTHEAST OF 48TH ST +/- 16.0' EAST OF BACK OF CURB
 LINE ON EAST SIDE LAGRANGE ROAD +/- 14.5' SOUTH OF BACK OF CURB
 LINE ON SOUTH SIDE 48TH ST.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM 0
 ELEV=643.61
 SET CUT SQUARE ON SW'LY SIDE OF CONCRETE BASE OF LIGHT POLE AT SOUTHEAST CORNER OF 48TH STREET AND LAGRANGE ROAD ABOUT 4 FT EAST OF BACK OF CURB AND ABOUT 7 FT SOUTH OF BACK OF CURB



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23-6783

USER NAME = tnohmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

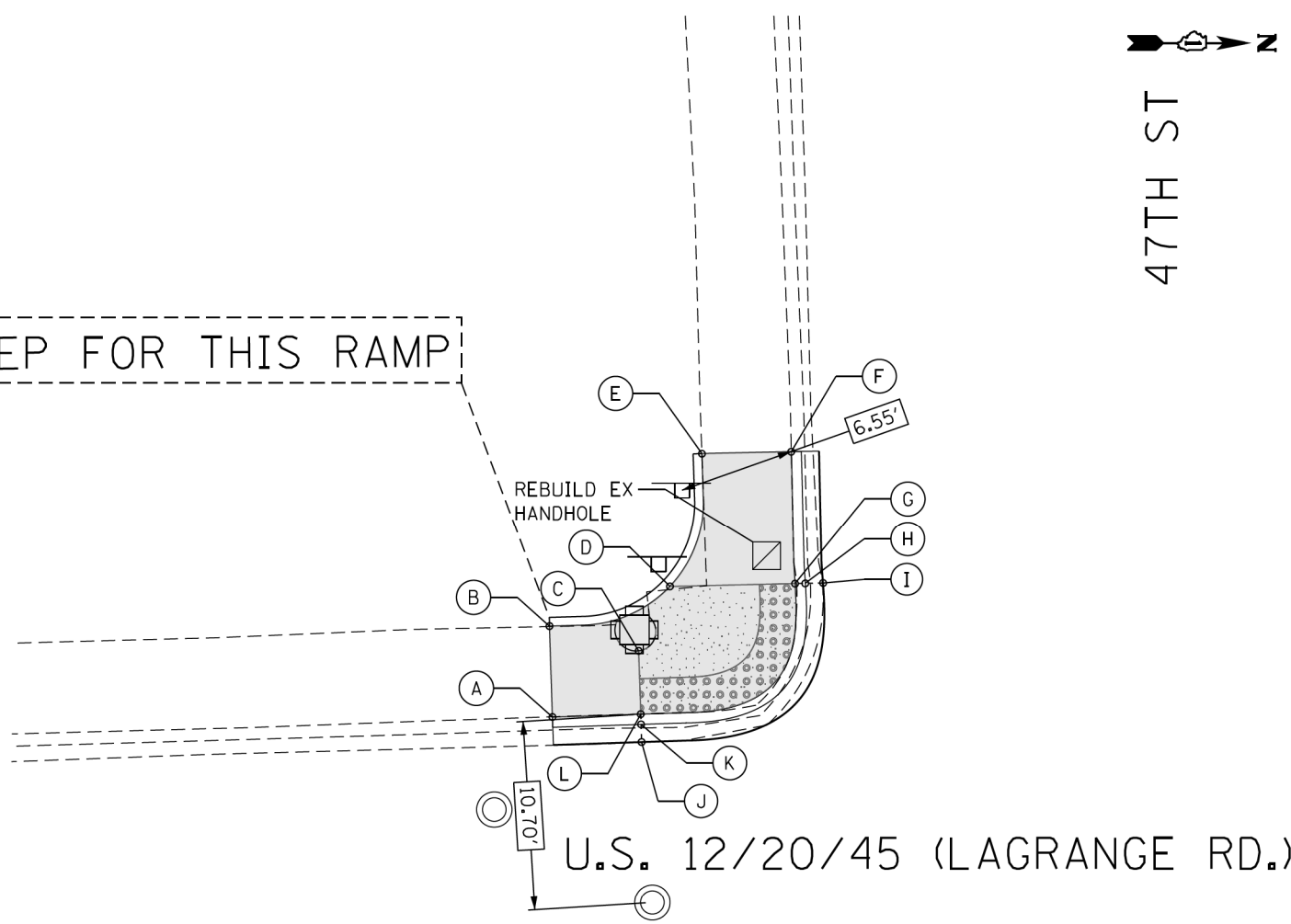
SCALE- 1:10 SHEET 18 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	41
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 18

P:\66516005\18-PT18177-004-WD18-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_18.dgn

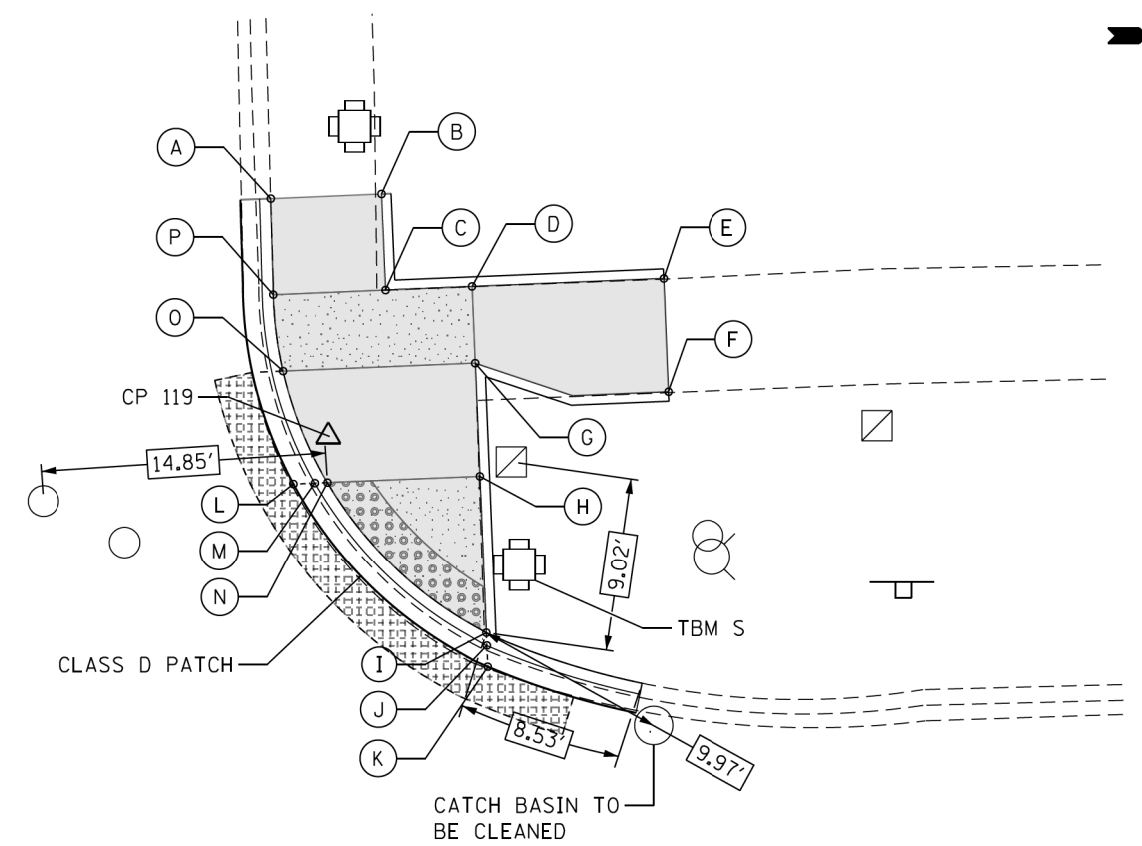
MEP FOR THIS RAMP



POINT	EX. ELEV.	PR. ELEV.
A	(644.94)	644.94
B	(644.99)	644.99
C	(645.05)	644.93
D	(645.27)	645.00
E	(645.40)	645.40
F	(645.21)	645.21
G	(645.07)	644.96
H	(644.95)	644.92
I	(644.95)	644.95
J	(644.84)	644.84
K	(644.80)	644.83
L	(644.90)	644.87

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	5.10	1.17
A-K	5.00	1.40
B-C	5.25	1.40
C-D	4.06	1.75
C-L	3.58	1.66
D-E	8.05	5.30
D-G	7.08	0.57
E-F	5.06	3.60
F-G	7.52	3.33
G-L	13.90	0.65

47TH ST



POINT	EX. ELEV.	PR. ELEV.
A	(645.47)	645.47
B	(645.72)	645.72
C	(645.60)	645.18
D	(645.60)	645.18
E	(645.60)	645.60
F	(645.55)	645.55
G	(645.48)	645.11
H	(645.09)	644.62
I	(644.49)	644.47
J	(644.34)	644.43
K	(644.27)	644.43
L	(644.76)	644.62
M	(644.79)	644.58
N	(645.03)	644.62
O	(645.25)	645.11
P	(645.33)	645.18

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	5.69	4.57
A-P	5.00	5.80
B-C	5.00	10.8
C-D	4.50	0.00
C-P	5.84	0.00
D-E	14.50	4.20
D-G	4.00	1.75
E-F	5.90	0.85
F-G	10.18	4.40
G-H	5.90	8.33
G-O	10.00	0.00
H-I	8.18	1.80
H-N	7.94	0.00
I-N	11.75	1.27
N-O	6.28	8.33
O-P	4.02	1.75

U.S. 12/20/45 (LAGRANGE RD.)

REFERENCE CONTROL POINT ELEV : 645.21'
 NORTHING : 1871930.10
 EASTING : 1110722.29
 CONTROL POINT NO : 119 (FIND CROSS @ NORTHWEST OF 47TH ST & LAGRANGE RD)
 LOCATION : FIND CROSS @ NORTHWEST OF 47TH ST +/- 2.0' NORTH OF BACK OF CURB
 LINE ON NORTH SIDE 47TH ST, +/- 13.5 EAST OF TRAFFIC SIGNAL POLE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM S
 ELEV=645.14
 SET CUT SQUARE ON SE'LY OF TRAFFIC LIGHT BASE AT NORTHWEST CORNER
 ABOUT 10 FT SOUTH OF FIRE HYDRANT AND ABOUT 3 FT WEST OF BACK OF
 CURB 3 FT EAST OF HANDHOLE



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 3/1/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 19 OF 50 SHEETS STA. TO STA.

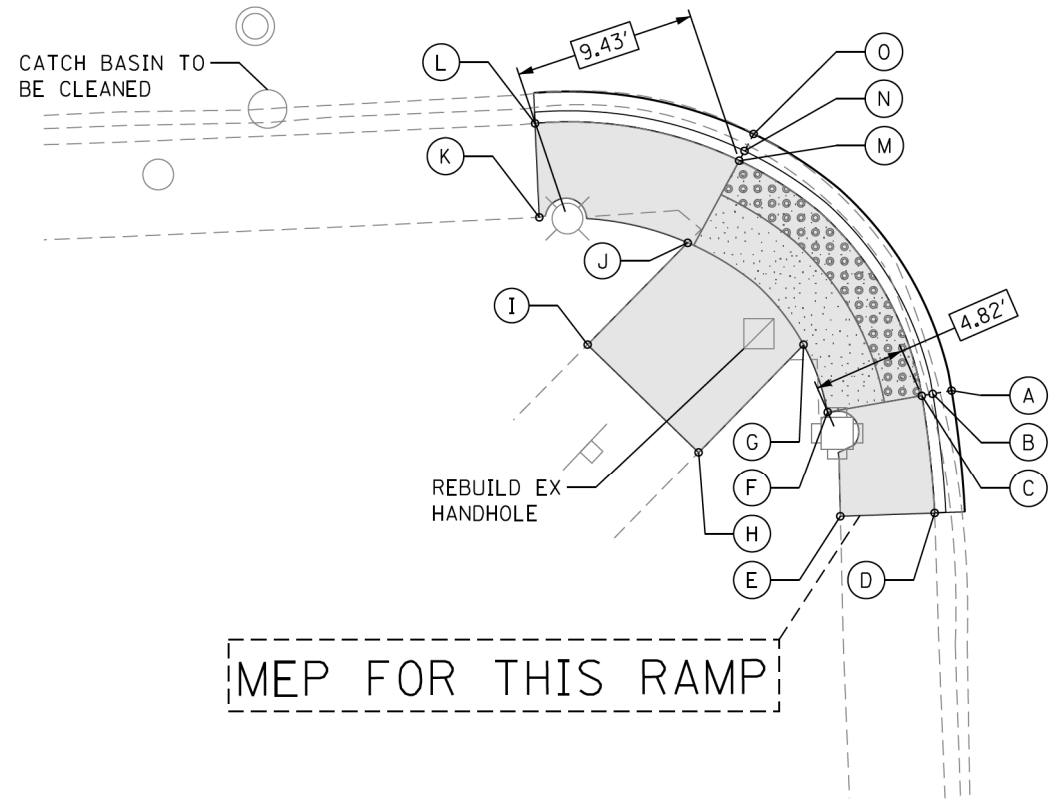
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	42
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

ADA - 19

P:\66616005\18-PT177-204-W018-62F58-ADA_Ramps_La_Grange\01CAD\005\Sheet\62F58_ADA_Sheet_19.dgn

U.S. 12/20/45 (LAGRANGE RD.)

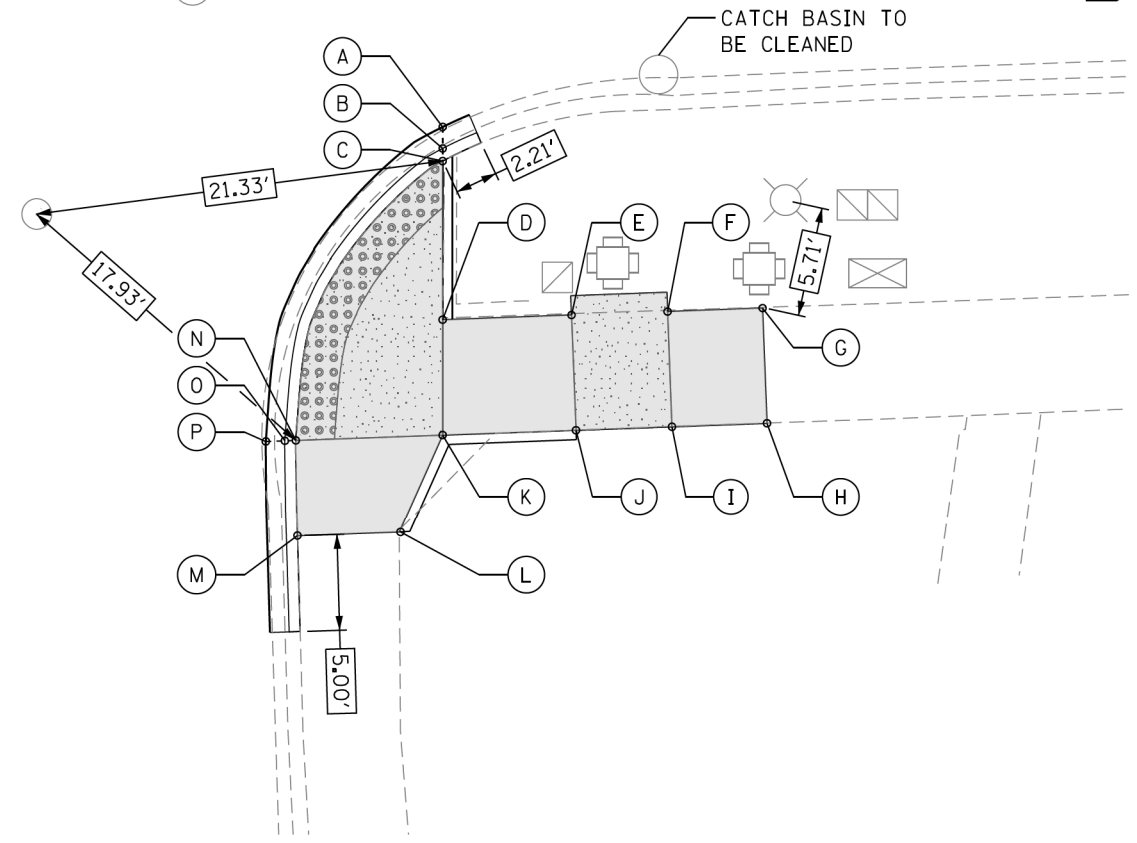
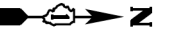


47TH ST

POINT	EX. ELEV.	PR. ELEV.
A	(644.25)	644.25
B	(644.25)	644.24
C	(644.42)	644.28
D	(644.68)	644.68
E	(644.74)	644.74
F	(644.66)	644.35
G	(644.60)	644.32
H	(644.69)	644.69
I	(644.61)	644.61
J	(644.49)	644.24
K	(644.45)	644.45
L	(644.41)	644.41
M	(644.39)	644.17
N	(644.20)	644.13
O	(644.14)	644.14

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	6.19	6.40
C-F	5.00	1.40
C-M	15.50	0.71
D-E	4.90	1.22
E-F	5.55	7.03
F-G	3.75	0.80
G-H	7.83	4.73
G-J	8.20	0.98
H-I	8.00	1.00
I-J	7.43	5.00
J-K	7.90	2.66
J-M	5.00	1.40
K-L	4.90	0.82
L-M	10.80	2.22

U.S. 12/20/45 (LAGRANGE RD.)



47TH ST

POINT	EX. ELEV.	PR. ELEV.
A	(643.99)	643.99
B	(643.99)	643.97
C	(644.00)	644.01
D	(644.31)	644.12
E	(644.37)	644.35
F	(644.42)	644.37
G	(644.49)	644.49
H	(644.62)	644.62
I	(644.55)	644.46
J	(644.48)	644.44
K	(644.36)	644.23
L	(644.56)	644.56
M	(644.37)	644.37
N	(644.30)	644.18
O	(644.22)	644.14
P	(644.16)	644.16

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	8.25	1.75
C-N	17.22	1.00
D-E	6.71	3.40
D-K	6.00	1.75
E-F	5.00	0.40
E-J	6.00	1.50
F-G	5.00	2.40
F-I	6.00	1.50
G-H	6.00	2.33
H-I	5.00	3.20
I-J	5.00	0.40
J-K	6.71	3.00
K-L	5.57	6.00
K-N	7.65	0.66
L-M	5.29	3.59
M-N	5.00	3.80

REFERENCE CONTROL POINT ELEV : 645.21'
 NORTHING : 1871930.10
 EASTING : 1110722.29
 CONTROL POINT NO : 119 (FIND CROSS @ NORTHWEST OF 47TH ST & LAGRANGE RD)
 LOCATION : FIND CROSS @ NORTHWEST OF 47TH ST +/- 2.0' NORTH OF BACK OF CURB
 LINE ON NORTH SIDE 47TH ST, +/- 13.5 EAST OF TRAFFIC SIGNAL POLE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM S
 ELEV=645.14
 SET CUT SQUARE ON SE'LY OF TRAFFIC LIGHT BASE AT NORTHWEST CORNER
 ABOUT 10 FT SOUTH OF FIRE HYDRANT AND ABOUT 3 FT WEST OF BACK OF
 CURB 3 FT EAST OF HANDHOLE



USER NAME = tnoahmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1in.	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

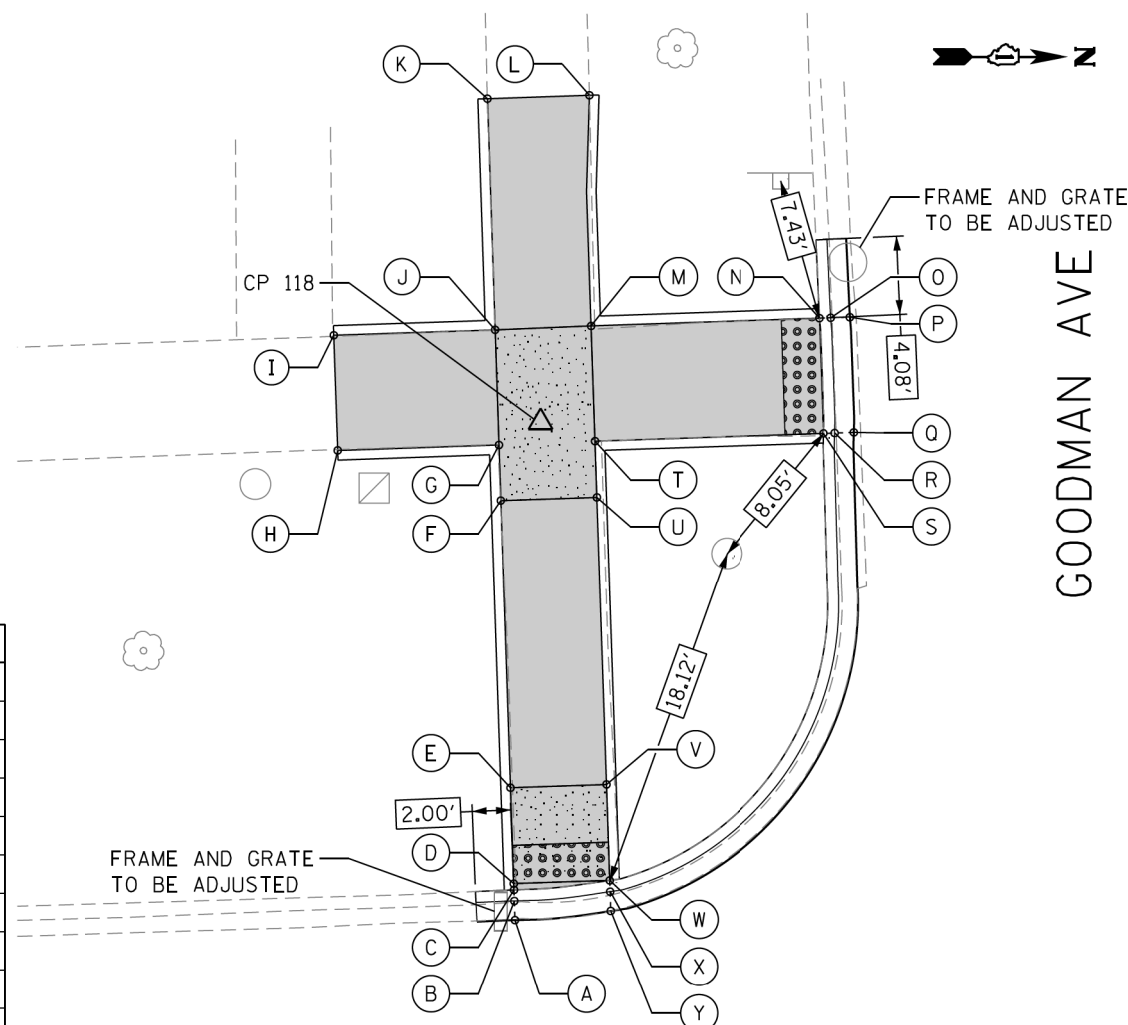
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 20 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	43
CONTRACT NO. 62F58				

ADA - 20

ILLINOIS FED. AID PROJECT

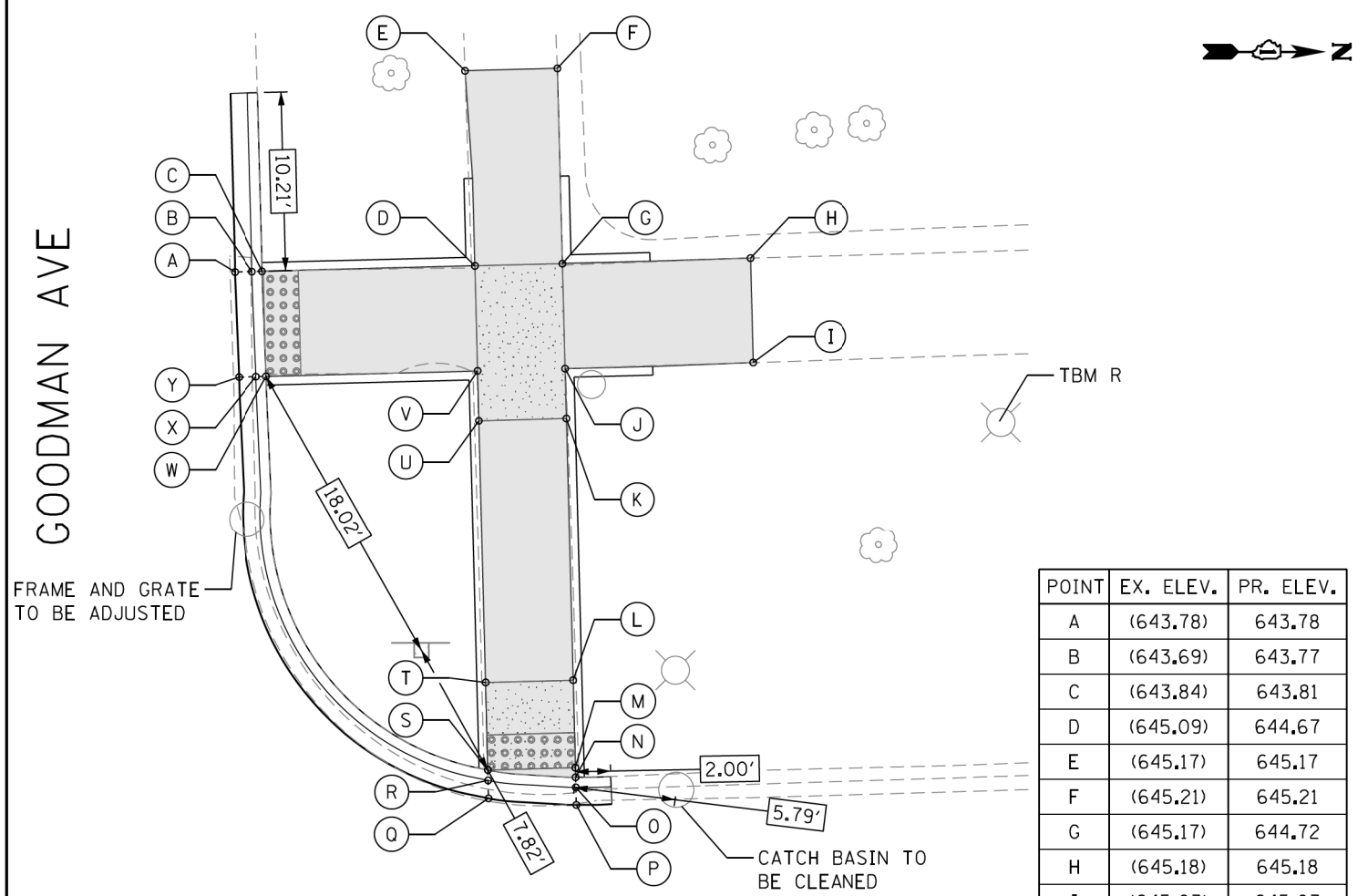


U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(644.20)	644.20
B	(644.23)	644.18
C	(644.45)	644.22
D	(644.48)	644.22
E	(644.63)	644.27
F	(645.04)	644.70
G	(645.09)	644.70
H	(645.23)	645.23
I	(645.25)	645.25
J	(645.28)	644.70
K	(645.38)	645.38
L	(645.25)	645.25
M	(645.16)	644.63
N	(644.03)	643.78
O	(643.69)	643.74
P	(643.74)	643.74
Q	(643.80)	643.80
R	(643.78)	643.80
S	(643.94)	643.84
T	(645.10)	644.63
U	(645.02)	644.63
V	(644.56)	644.20
W	(644.32)	644.15
X	(644.12)	644.11
Y	(644.12)	644.12

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.32	0.00
D-E	5.00	1.00
D-W	5.00	1.40
E-F	15.00	2.90
E-V	5.00	1.40
F-G	2.90	0.00
F-U	5.00	1.40
G-H	8.40	6.31
G-J	6.00	0.00
H-I	6.00	0.33
I-J	8.40	6.55

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	12.00	5.67
K-L	5.31	2.45
L-M	12.00	5.17
M-N	11.94	7.12
M-T	6.00	0.00
N-S	6.00	1.00
S-T	11.94	6.62
T-U	2.90	0.00
U-V	15.00	2.90
V-W	5.00	1.00



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	12.09	7.11
C-W	6.00	0.83
D-E	11.20	4.46
D-G	5.00	1.00
D-V	6.00	0.83
E-F	5.28	0.76
F-G	11.20	4.38
G-H	10.75	4.28
G-J	6.00	0.83
H-I	6.00	2.50
I-J	10.75	3.35

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	2.85	0.70
K-L	15.00	2.00
K-U	5.00	1.00
L-M	5.00	1.00
L-T	5.00	1.00
M-N	0.55	0.00
M-S	5.00	1.20
S-T	5.00	1.20
T-U	15.00	2.00
U-V	2.85	0.70
V-W	11.20	7.11

POINT	EX. ELEV.	PR. ELEV.
A	(643.78)	643.78
B	(643.69)	643.77
C	(643.84)	643.81
D	(645.09)	644.67
E	(645.17)	645.17
F	(645.21)	645.21
G	(645.17)	644.72
H	(645.18)	645.18
I	(645.03)	645.03
J	(645.11)	644.67
K	(645.06)	644.65
L	(644.66)	644.35
M	(644.45)	644.30
N	(644.41)	644.30
O	(644.34)	644.26
P	(644.30)	644.30
Q	(644.22)	644.22
R	(644.30)	644.20
S	(644.40)	644.24
T	(644.59)	644.30
U	(645.01)	644.60
V	(645.09)	644.62
W	(643.81)	643.76
X	(643.69)	643.72
Y	(643.73)	643.73

REFERENCE CONTROL POINT ELEV : 645.11'
 NORTHING : 1872579.351
 EASTING : 1110700.687
 CONTROL POINT NO : 118 (SET CROSS AT SOUTHWEST OF GOODMAN & LAGRANGE RD)
 LOCATION : SET CROSS AT SOUTHWEST OF GOODMAN AVE +/- 14.40' SOUTH OF BACK OF CURB LINE ON SOUTH SIDE GOODMAN AVE, +/- 23.40' WEST OF BACK OF CURB LINE OF WEST SIDE LAGRANGE AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM R
 ELEV=645.11
 SET CUT SQUARE ON NORTH SIDE OF CONCRETE LIGHT POLE BASE AT GOODMAN AVE AND LAGRANGE ROAD ON NORTHWEST CORNER ABOUT 25 FT WEST OF BACK OF CURB ABOUT 5 FT EAST OF FRONT OF FRONT ABOUT 30 FT NW'LY OF LIGHT POLE



USER NAME = tmoahmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018
 PLOT SCALE = 1/8" = 10.0000' / 1"
 PLOT DATE = 1/18/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 21 OF 50 SHEETS STA. TO STA.

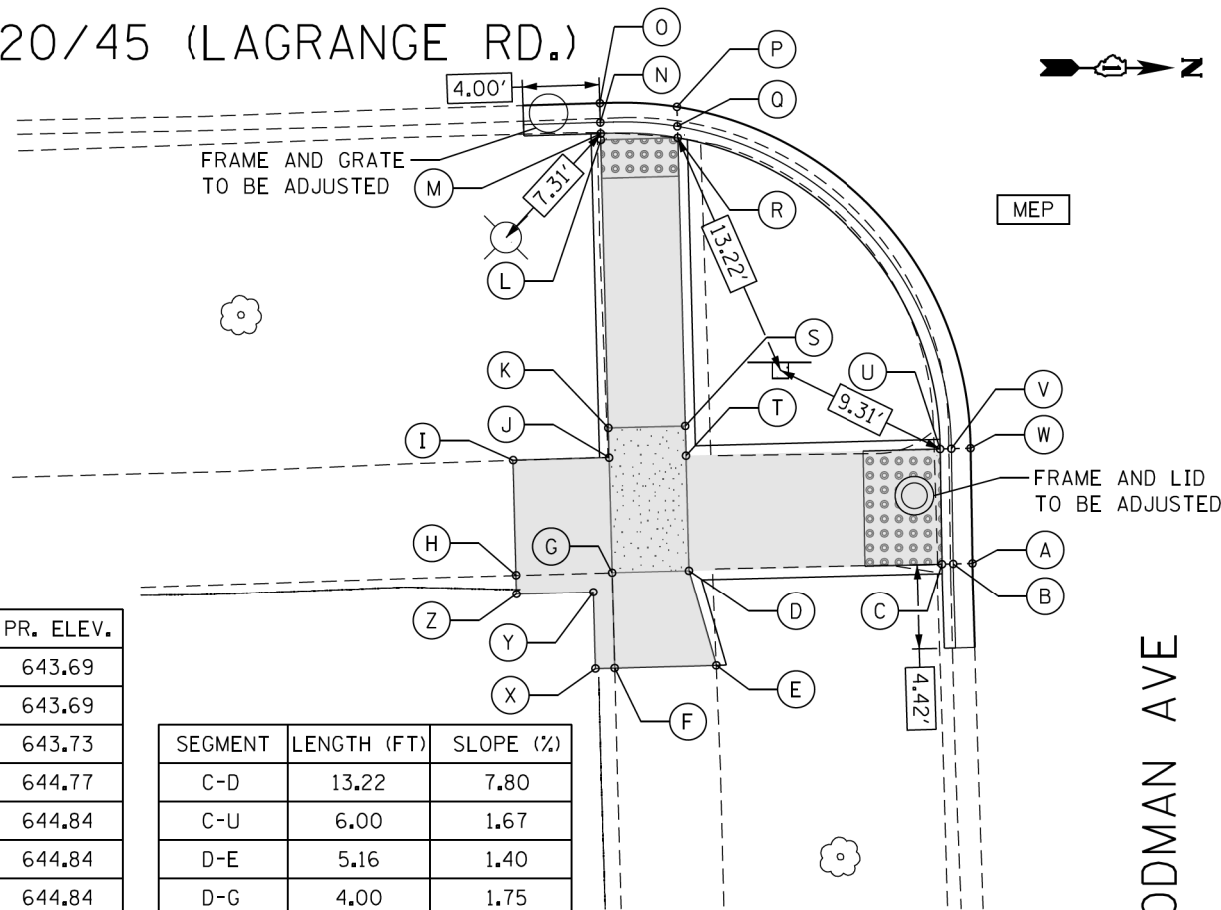
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	44

CONTRACT NO. 62F58

ILLINOIS FED. AID PROJECT

ADA - 21

U.S. 12/20/45 (LAGRANGE RD.)

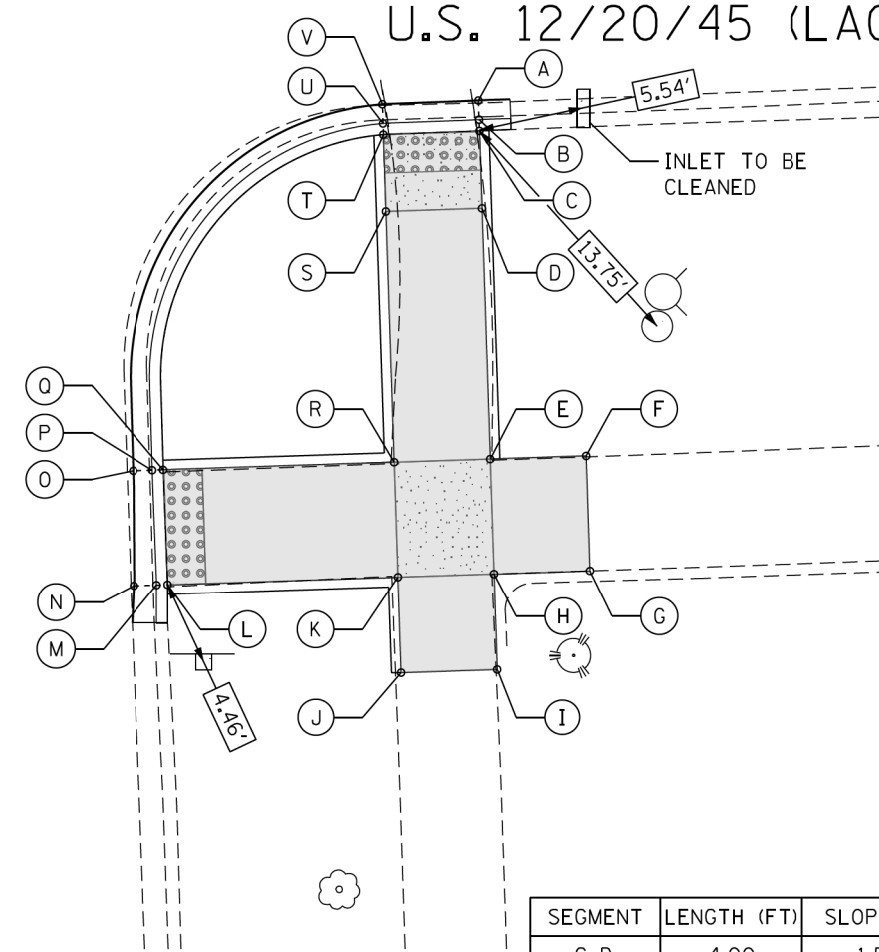


POINT	EX. ELEV.	PR. ELEV.
A	(643.61)	643.69
B	(643.51)	643.69
C	(643.55)	643.73
D	(644.90)	644.77
E	(644.84)	644.84
F	(644.84)	644.84
G	(644.92)	644.84
H	(644.91)	644.91
I	(644.77)	644.77
J	(644.76)	644.80
K	(644.72)	644.80
L	(644.24)	644.13
M	(644.27)	644.13
N	(644.21)	644.09
O	(644.17)	644.13
P	(644.10)	644.10
Q	(644.13)	644.06
R	(644.24)	644.10
S	(644.71)	644.76
T	(644.75)	644.76
U	(643.66)	643.83
V	(643.63)	643.79
W	(643.72)	643.79
X	(644.87)	644.87
Y	(644.86)	644.86
Z	(644.88)	644.88

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	13.22	7.80
C-U	6.00	1.67
D-E	5.16	1.40
D-G	4.00	1.75
D-T	6.00	0.17
E-F	5.29	0.00
F-G	5.00	0.00
G-H	5.00	1.40
G-J	6.00	0.67
H-I	6.00	2.33
I-J	5.00	0.60
J-K	1.55	0.00
K-L	15.00	4.47
K-S	4.00	1.00
L-M	0.33	0.00
L-R	4.00	0.75
R-S	15.00	4.40
S-T	1.55	0.00
T-U	13.22	7.00
X-F	1.00	3.00
X-Y	4.00	0.25
Y-Z	4.00	0.50
Z-H	1.00	3.00

GOODMAN AVE

U.S. 12/20/45 (LAGRANGE RD.)



SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	4.00	1.50
C-T	5.00	0.40
D-E	13.06	2.91
D-S	5.00	0.40
E-F	5.00	4.60
E-H	6.00	1.00
E-R	5.00	0.00
F-G	6.00	3.00
G-H	5.00	7.00
H-I	5.00	5.00
H-K	5.00	1.20
I-J	5.00	1.20
J-K	5.00	5.00
K-L	12.00	7.08
K-R	6.00	0.00
L-Q	6.00	0.33
Q-R	12.00	7.00
R-S	13.06	3.06

GOODMAN AVE

POINT	EX. ELEV.	PR. ELEV.
A	(644.04)	644.04
B	(644.05)	644.02
C	(644.30)	644.06
D	(644.55)	644.12
E	(644.73)	644.50
F	(644.73)	644.73
G	(644.91)	644.91
H	(644.87)	644.56
I	(644.81)	644.81
J	(644.75)	644.75
K	(644.85)	644.50
L	(643.80)	643.65
M	(643.58)	643.61
N	(643.65)	643.65
O	(643.63)	643.68
P	(643.59)	643.64
Q	(643.84)	643.68
R	(644.69)	644.50
S	(644.47)	644.10
T	(644.30)	644.04
U	(644.11)	644.00
V	(644.04)	644.04

REFERENCE CONTROL POINT ELEV : 645.11'
 NORTHING : 1872579.351
 EASTING : 1110700.687
 CONTROL POINT NO : 118 (SET CROSS AT SOUTHWEST OF GOODMAN & LAGRANGE RD)
 LOCATION : SET CROSS AT SOUTHWEST OF GOODMAN AVE +/- 14.40' SOUTH OF BACK OF CURB LINE ON SOUTH SIDE GOODMAN AVE, +/- 23.40' WEST OF BACK OF CURB LINE OF WEST SIDE LAGRANGE AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM R
 ELEV=645.11
 SET CUT SQUARE ON NORTH SIDE OF CONCRETE LIGHT POLE BASE AT GOODMAN AVE AND LAGRANGE ROAD ON NORTHWEST CORNER ABOUT 25 FT WEST OF BACK OF CURB ABOUT 5 FT EAST OF FRONT OF FRONT ABOUT 30 FT NW'LY OF LIGHT POLE



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 3/1/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

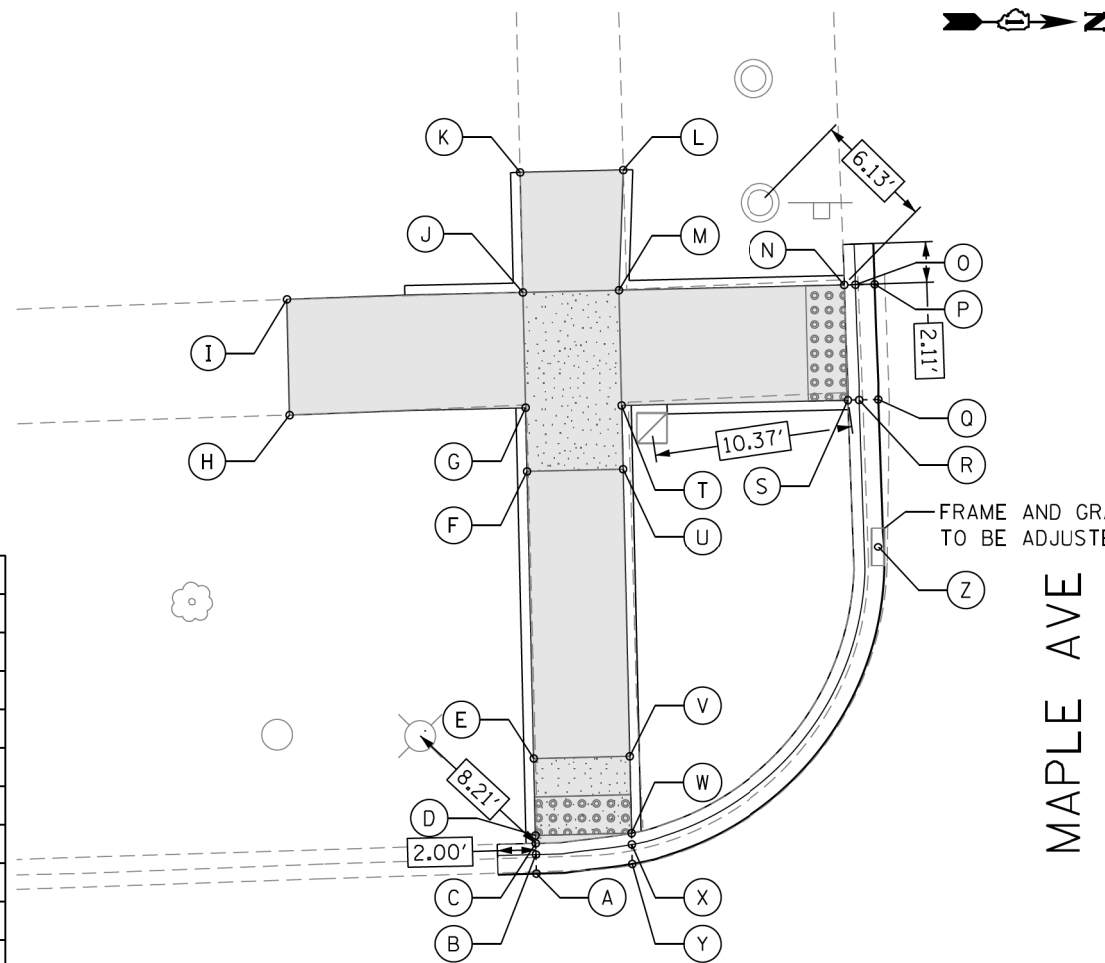
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 22 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 45
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F58	

P:\66616005\18-PTB177-004-WD18-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_22.dgn



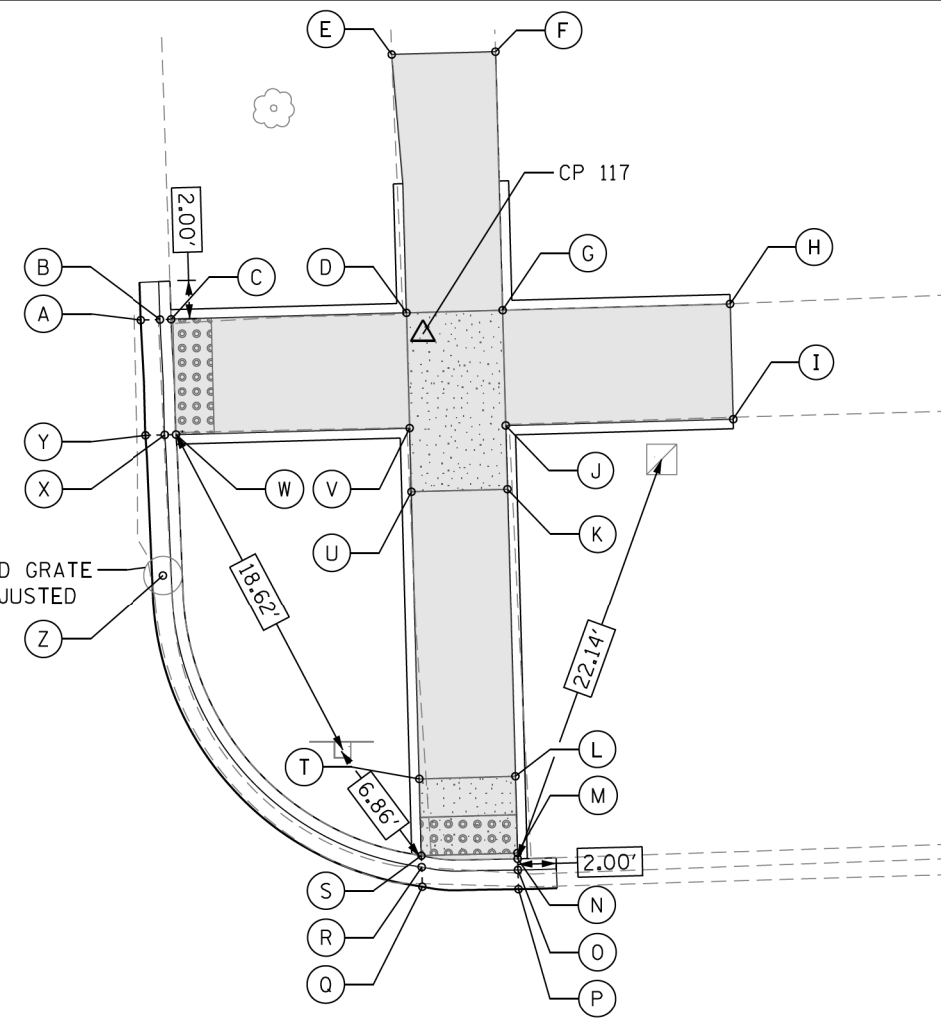
U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(638.16)	638.16
B	(638.14)	638.12
C	(638.40)	638.16
D	(638.42)	638.16
E	(638.44)	638.20
F	(638.57)	638.35
G	(638.60)	638.35
H	(638.75)	638.75
I	(638.89)	638.89
J	(638.67)	638.35
K	(638.70)	638.70
L	(638.36)	638.36
M	(638.36)	638.28
N	(637.49)	637.47
O	(637.44)	637.43
P	(637.47)	637.47
Q	(637.47)	637.44
R	(637.41)	637.40
S	(637.64)	637.44
T	(638.39)	638.28
U	(638.40)	638.28
V	(638.28)	638.13
W	(638.07)	638.09
X	(638.11)	638.05
Y	(638.01)	638.05
Z	(637.35)	637.35

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.42	0.00
D-E	4.00	1.00
D-W	5.00	1.40
E-F	15.00	1.00
E-V	5.00	1.40
F-G	3.33	0.00
F-U	5.00	1.40
G-H	12.29	3.25
G-J	6.00	0.00
H-I	6.00	2.33
I-J	12.29	4.39

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	6.25	5.60
J-M	5.00	1.40
K-L	5.37	6.33
L-M	6.25	1.28
M-N	11.77	6.88
M-T	6.00	0.00
N-S	6.00	0.50
S-T	11.77	7.14
T-U	3.33	0.00
U-V	15.00	1.00
V-W	4.00	1.00

FRAME AND GRATE TO BE ADJUSTED



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	12.17	7.07
C-W	6.00	0.33
D-E	13.46	3.64
D-G	5.00	1.40
D-V	6.00	0.33
E-F	5.40	2.22
F-G	13.46	4.01
G-H	11.84	5.49
G-J	6.00	0.33
H-I	6.00	2.50
I-J	11.84	4.39

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	3.33	0.60
K-L	15.00	2.80
K-U	5.00	1.40
L-M	4.00	1.00
L-T	5.00	1.20
M-N	0.30	0.00
M-S	5.00	1.20
S-T	4.00	1.00
T-U	15.00	2.73
U-V	3.33	0.60
V-W	12.17	7.07

POINT	EX. ELEV.	PR. ELEV.
A	(637.48)	637.48
B	(637.46)	637.45
C	(637.66)	637.49
D	(638.79)	638.35
E	(638.84)	638.84
F	(638.96)	638.96
G	(638.92)	638.42
H	(639.07)	639.07
I	(638.92)	638.92
J	(638.91)	638.40
K	(638.80)	638.38
L	(638.32)	637.96
M	(638.10)	637.92
N	(638.10)	637.92
O	(637.93)	637.88
P	(637.92)	637.92
Q	(637.84)	637.84
R	(637.83)	637.82
S	(637.98)	637.86
T	(638.20)	637.90
U	(638.64)	638.31
V	(638.70)	638.33
W	(637.60)	637.47
X	(637.48)	637.43
Y	(637.48)	637.48
Z	(637.41)	637.41

REFERENCE CONTROL POINT ELEV : 638.75'
 NORTHING : 1873345.501
 EASTING : 1110672.278
 CONTROL POINT NO : 117 (FIND CROSS @ NORTHWEST OF MAPLE AVE & LAGRANGE RD)
 LOCATION : FIND CROSS @ NORTHWEST OF MAPLE AVE +/- 11.40' NORTH OF BACK OF CURB LINE NORTH SIDE MAPLE AVE, +/- 28.0' WEST OF BACK OF CURB LINE ON WEST SIDE LAGRANGE AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

TBM 0
 ELEV=639.23
 SET CUT SQUARE ON SOUTH SIDE OF CONCRETE LIGHT POLE BASE ABOUT 20 FT WEST OF BACK OF CURB ABOUT 5 FT EAST FRONT OF WALK AND 60 FT NW'LY OF STREET SIGN AT MAPLE AVE AND LAGRANGE ROAD



USER NAME = tnoahmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

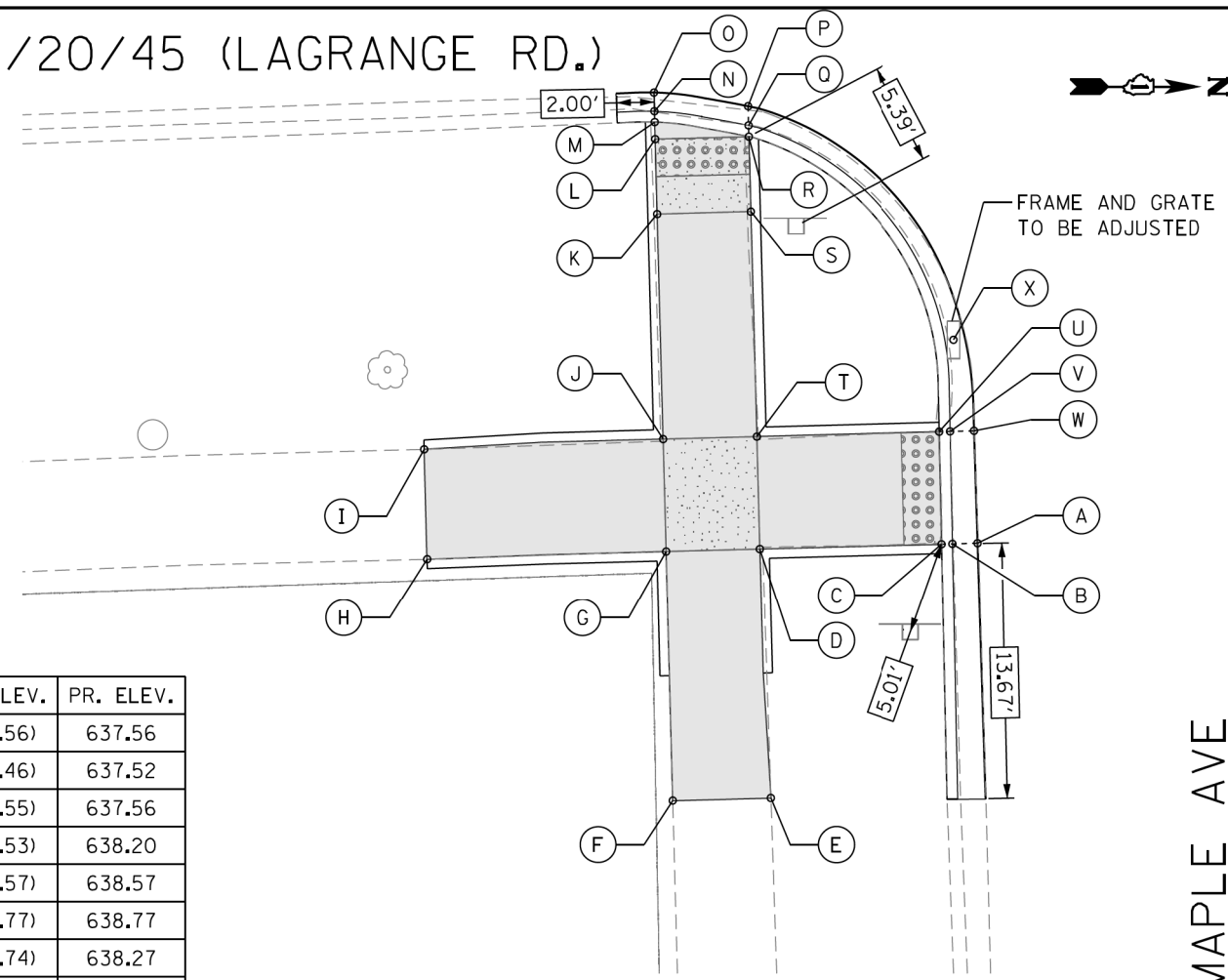
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 23 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	46

CONTRACT NO. 62F58
 ILLINOIS FED. AID PROJECT

U.S. 12/20/45 (LAGRANGE RD.)



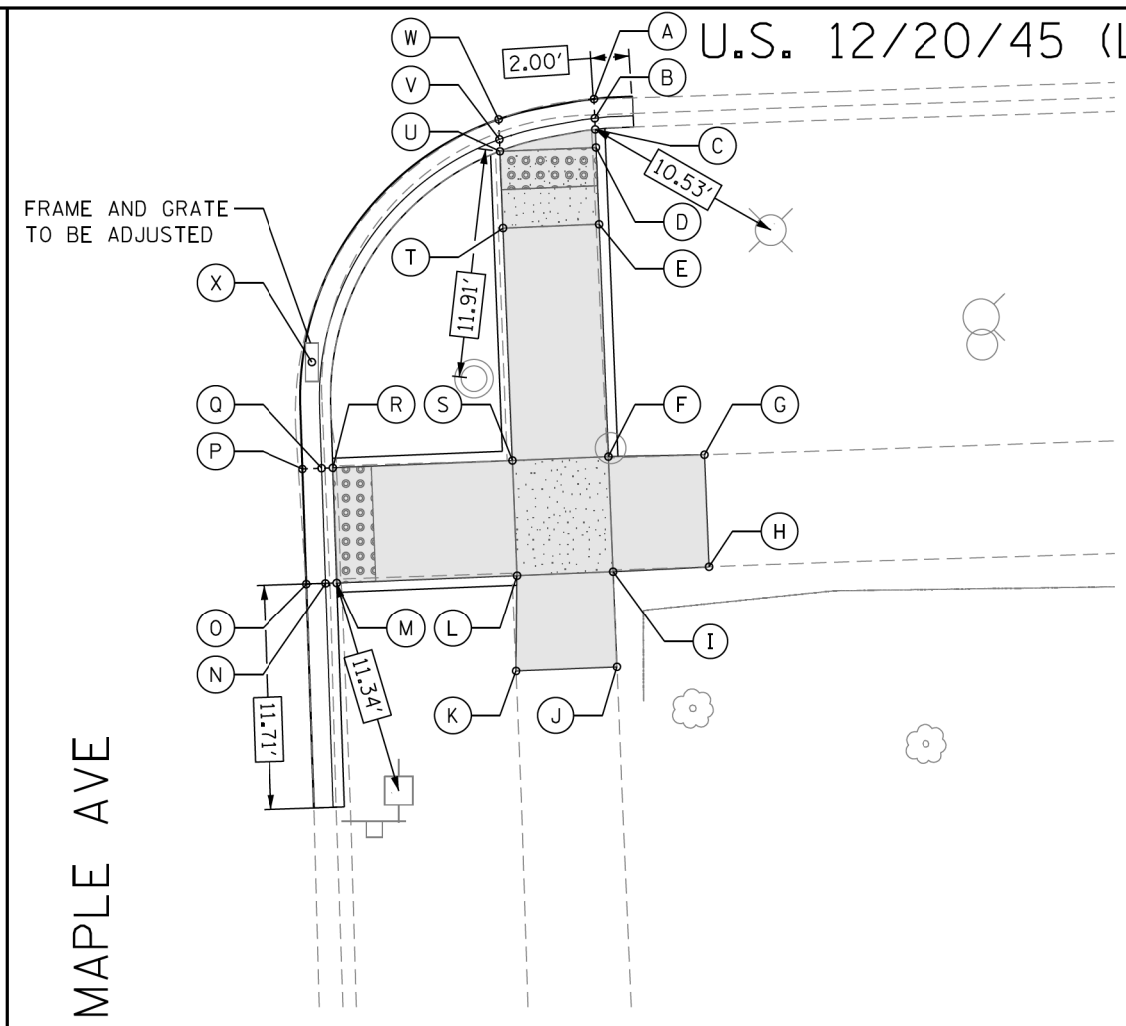
POINT	EX. ELEV.	PR. ELEV.
A	(637.56)	637.56
B	(637.46)	637.52
C	(637.55)	637.56
D	(638.53)	638.20
E	(638.57)	638.57
F	(638.77)	638.77
G	(638.74)	638.27
H	(639.08)	639.08
I	(638.85)	638.85
J	(638.57)	638.25
K	(638.32)	638.09
L	(638.22)	638.05
M	(638.20)	638.04
N	(638.04)	638.00
O	(638.06)	638.04
P	(637.92)	637.94
Q	(637.94)	637.94
R	(638.12)	637.98
S	(638.20)	638.02
T	(638.36)	638.18
U	(637.46)	637.50
V	(637.40)	637.46
W	(637.50)	637.50
X	(637.45)	637.45

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	9.74	6.57
C-U	6.00	1.00
D-E	13.34	2.80
D-G	5.00	1.40
D-T	6.00	0.33
E-F	5.25	3.81
F-G	13.34	3.70
G-H	12.75	6.35
G-J	6.00	0.33
H-I	5.86	3.83

SEGMENT	LENGTH (FT)	SLOPE (%)
I-J	12.75	4.70
J-K	12.00	1.33
J-T	5.00	1.40
K-L	4.00	1.00
K-S	5.00	1.40
L-M	0.91	1.10
L-R	5.00	1.40
R-S	4.00	1.00
S-T	12.00	1.33
T-U	9.74	7.00

MAPLE AVE

U.S. 12/20/45 (LAGRANGE RD.)



MAPLE AVE

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.93	1.08
D-E	4.00	1.00
D-U	5.00	1.00
E-F	12.11	1.00
E-T	5.00	1.00
F-G	5.00	0.00
F-I	6.00	1.33
F-S	5.00	0.60
G-H	6.00	2.22
H-I	5.00	1.00

SEGMENT	LENGTH (FT)	SLOPE (%)
I-J	5.00	0.40
I-L	5.00	1.00
J-K	5.25	3.91
K-L	5.00	3.40
L-M	9.36	5.77
L-S	6.00	1.00
M-R	6.00	0.00
R-S	9.36	5.13
S-T	12.11	1.16
T-U	4.00	1.00

POINT	EX. ELEV.	PR. ELEV.
A	(637.86)	637.84
B	(637.88)	637.80
C	(638.01)	837.84
D	(638.00)	637.85
E	(637.98)	637.89
F	(637.96)	638.01
G	(638.01)	638.01
H	(638.14)	638.14
I	(638.06)	638.09
J	(638.07)	638.07
K	(637.87)	637.87
L	(637.94)	638.04
M	(637.48)	637.50
N	(637.45)	637.46
O	(637.49)	637.49
P	(637.49)	637.47
Q	(637.46)	637.46
R	(637.51)	637.50
S	(637.93)	637.98
T	(637.99)	637.84
U	(638.05)	637.80
V	(637.82)	637.76
W	(637.77)	637.77
X	(637.54)	637.46

P:\66616005\18-PT177-204-W018-62F58-ADA_Ramp_La_Grange\01CAD\00Sheet\22F58_ADA_Sheet_24.dgn

REFERENCE CONTROL POINT ELEV : 638.75'
 NORTHING : 1873345.501
 EASTING : 1110672.278
 CONTROL POINT NO : 117 (FIND CROSS @ NORTHWEST OF MAPLE AVE & LAGRANGE RD)
 LOCATION : FIND CROSS @ NORTHWEST OF MAPLE AVE +/- 11.40' NORTH OF BACK OF CURB LINE NORTH SIDE MAPLE AVE, +/- 28.0' WEST OF BACK OF CURB LINE ON WEST SIDE LAGRANGE AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

TBM 0
 ELEV=639.23
 SET CUT SQUARE ON SOUTH SIDE OF CONCRETE LIGHT POLE BASE ABOUT 20 FT WEST OF BACK OF CURB ABOUT 5 FT EAST FRONT OF WALK AND 60 FT NW'LY OF STREET SIGN AT MAPLE AVE AND LAGRANGE ROAD



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

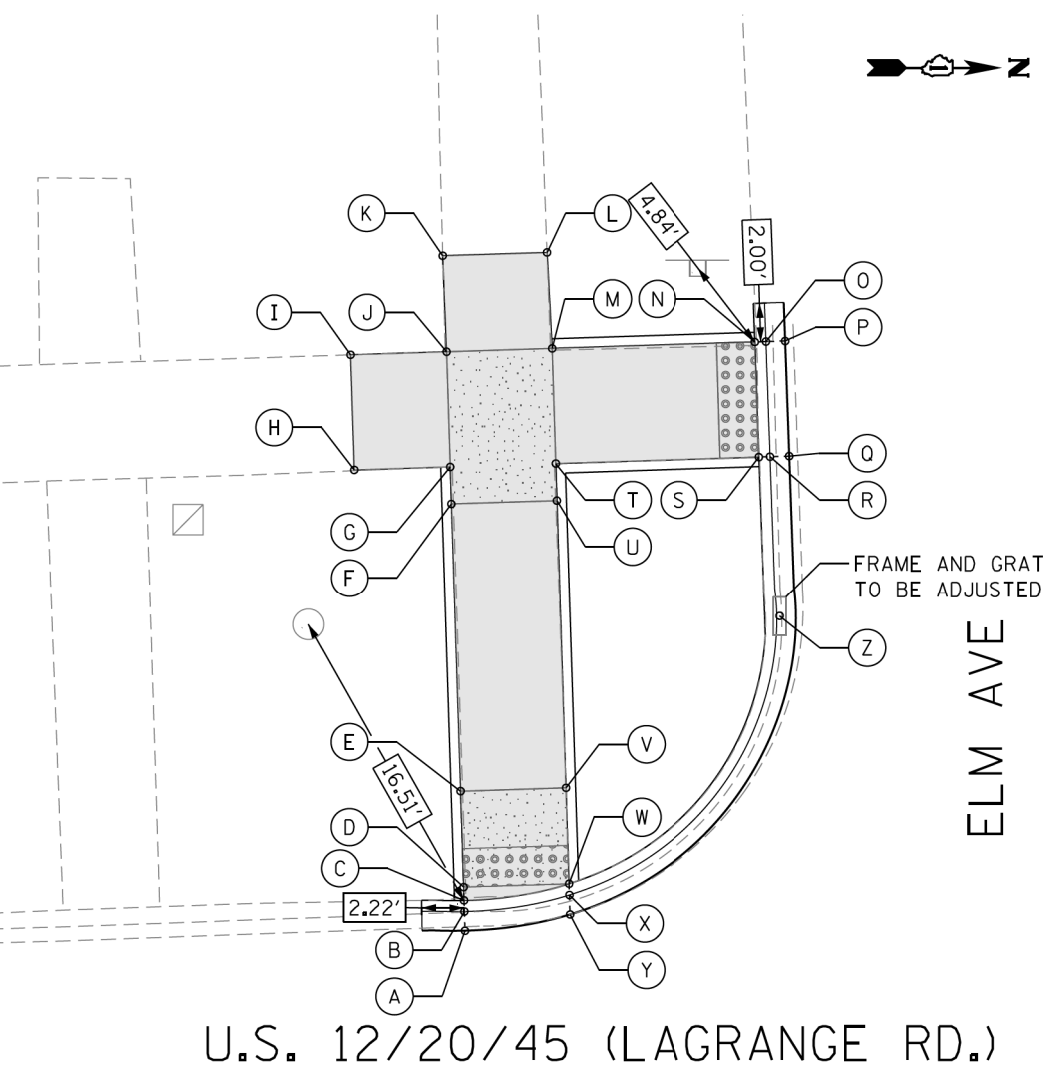
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 24 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 47
CONTRACT NO. 62F58			ADA - 24	
ILLINOIS FED. AID PROJECT				

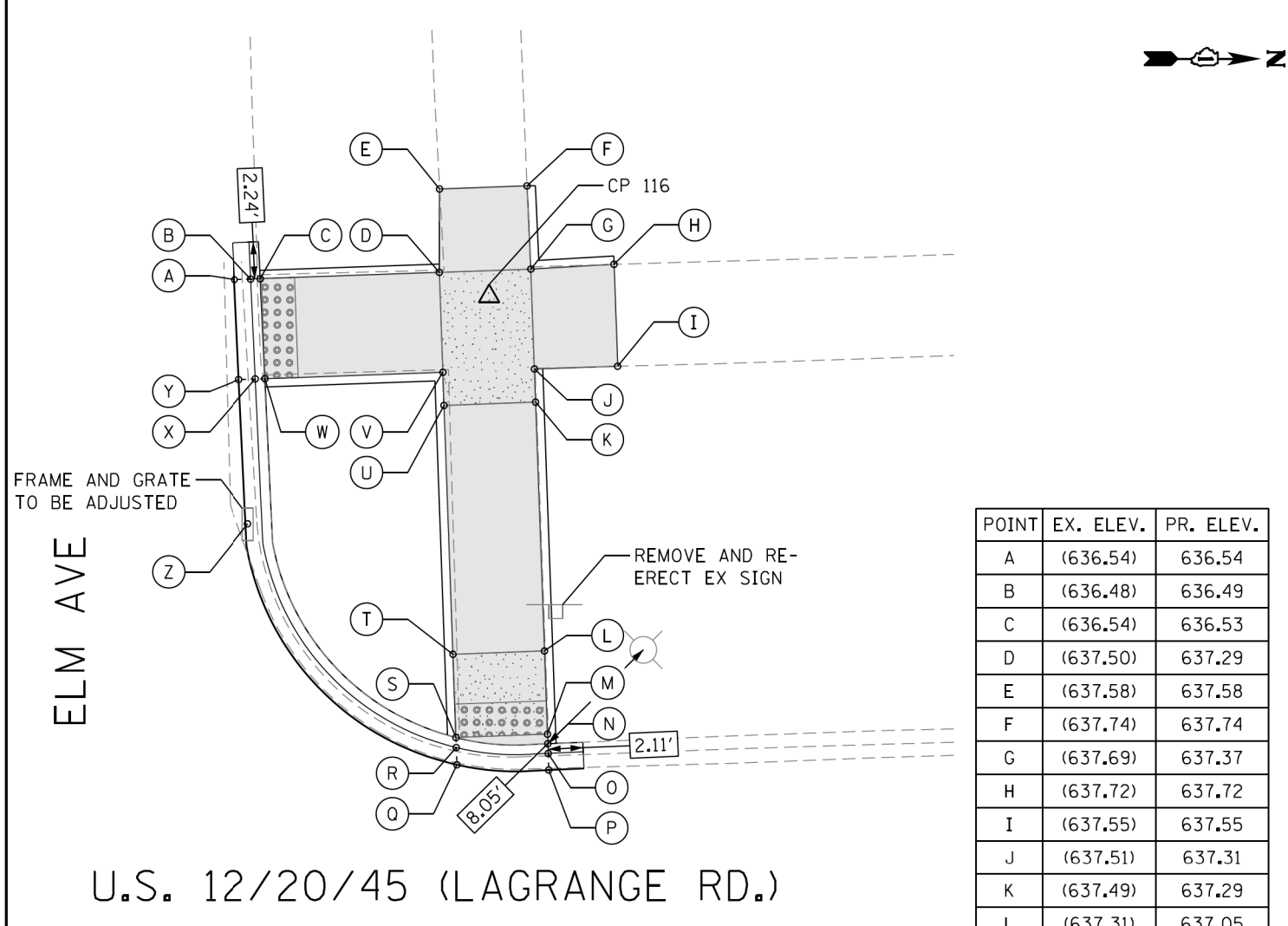
POINT	EX. ELEV.	PR. ELEV.
A	(636.86)	636.86
B	(636.85)	636.82
C	(637.06)	636.86
D	(637.12)	636.86
E	(637.13)	636.91
F	(637.14)	637.25
G	(637.14)	637.27
H	(637.02)	637.02
I	(637.32)	637.32
J	(637.46)	637.33
K	(637.47)	637.47
L	(637.43)	637.43
M	(637.45)	637.26
N	(636.64)	636.56
O	(636.55)	636.52
P	(636.58)	636.56
Q	(636.58)	636.54
R	(636.66)	636.50
S	(636.84)	636.54
T	(637.13)	637.20
U	(637.12)	637.18
V	(637.08)	636.85
W	(637.04)	636.81
X	(636.84)	636.77
Y	(636.81)	636.81
Z	(636.52)	636.44



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.69	0.00
D-E	5.00	1.00
D-W	5.50	1.00
E-F	15.00	2.27
E-V	5.50	1.09
F-G	1.93	1.00
F-U	5.50	1.27
G-H	5.00	5.00
G-J	6.00	1.00
H-I	6.00	5.00
I-J	5.00	0.20

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	5.00	2.80
J-M	5.50	1.27
K-L	5.00	0.73
L-M	5.00	3.40
M-N	10.55	6.64
M-T	6.00	1.00
N-S	6.00	0.33
S-T	10.55	6.26
T-U	1.93	1.00
U-V	15.00	2.20
V-W	5.00	0.80



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	10.69	7.11
C-W	6.00	0.33
D-E	5.00	5.80
D-V	6.00	0.67
E-F	5.25	3.05
F-G	5.00	7.40
G-H	5.00	7.00
G-J	6.00	1.00
H-I	6.12	2.78
I-J	5.00	4.80

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	2.00	1.00
K-L	15.00	1.60
K-U	5.50	1.09
L-M	5.00	0.80
L-T	5.50	1.09
M-N	0.57	0.00
M-S	5.50	1.09
S-T	5.00	1.00
T-U	15.00	1.60
U-V	2.00	1.00
V-W	10.69	6.92

POINT	EX. ELEV.	PR. ELEV.
A	(636.54)	636.54
B	(636.48)	636.49
C	(636.54)	636.53
D	(637.50)	637.29
E	(637.58)	637.58
F	(637.74)	637.74
G	(637.69)	637.37
H	(637.72)	637.72
I	(637.55)	637.55
J	(637.51)	637.31
K	(637.49)	637.29
L	(637.31)	637.05
M	(637.26)	637.01
N	(637.29)	637.01
O	(637.07)	636.97
P	(637.01)	637.01
Q	(636.90)	636.90
R	(637.01)	636.90
S	(637.16)	636.94
T	(637.23)	636.99
U	(637.37)	637.23
V	(637.40)	637.25
W	(636.53)	636.51
X	(636.42)	636.47
Y	(636.50)	636.50
Z	(636.34)	636.34

REFERENCE CONTROL POINT ELEV : 637.66'
 NORTHING : 1873965.594
 EASTING : 1110652.787
 CONTROL POINT NO : 116 (FIND CROSS @ NORTHWEST OF ELM ST & LAGRANGE RD)
 LOCATION : FIND CROSS @ NORTHWEST OF ELM ST +/- 15.8' NORTH OF BACK OF CURB
 LINE ON NORTH SIDE ELM ST, +/- 27.40' WEST OF BACK OF CURB LINE
 ON WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

TBM P
 ELEV=638.19
 SET CUT SQUARE ON SOUTH SIDE OF CONCRETE LIGHT POLE BASE AT NORTHWEST
 CORNER OF ELM AVE AND LAGRANGE ROAD IN PARKWAY ABOUT 23 FT WEST OF BACK
 OF CURB AND ABOUT 7.5 FT NORTH NORTH BACK OF CURB OF ELM AVE



USER NAME = tnohammed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10,0000' / 1in	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

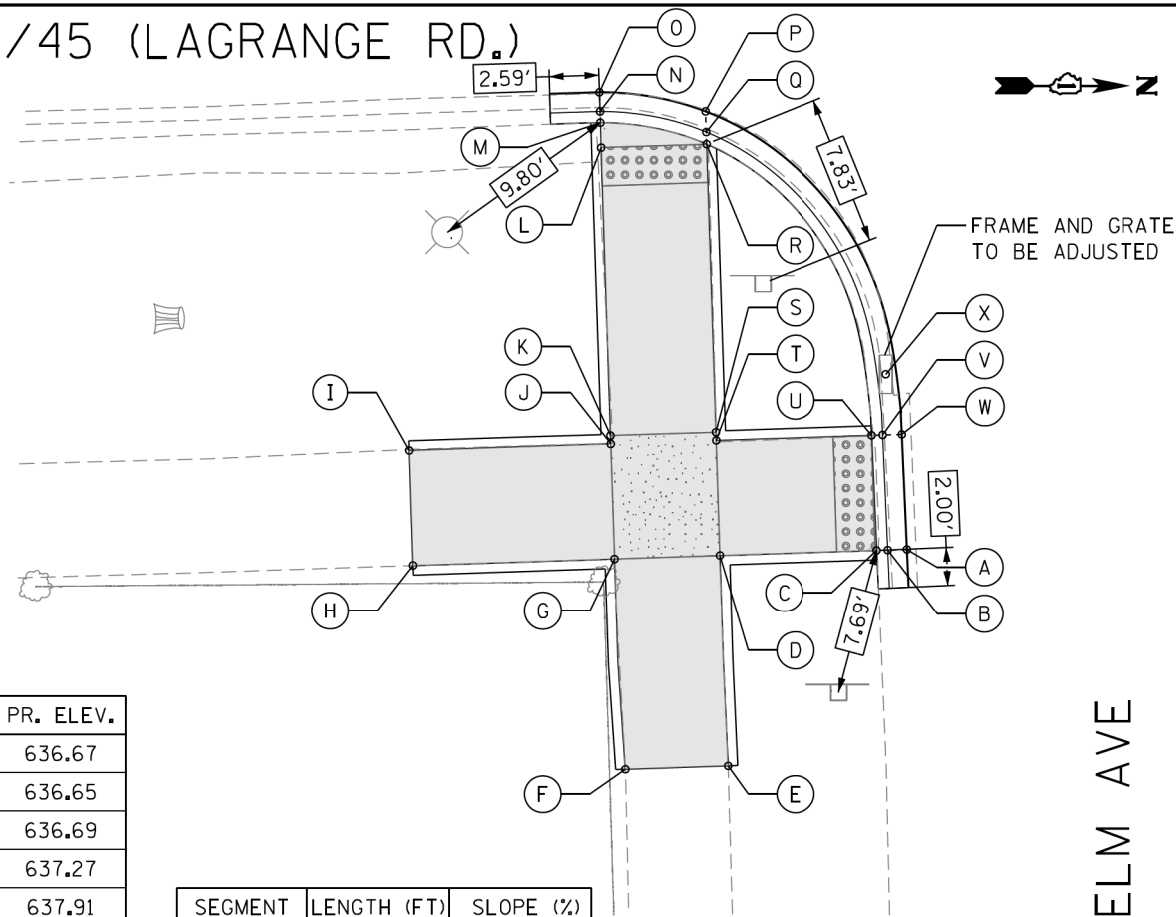
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 25 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	48
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

U.S. 12/20/45 (LAGRANGE RD.)

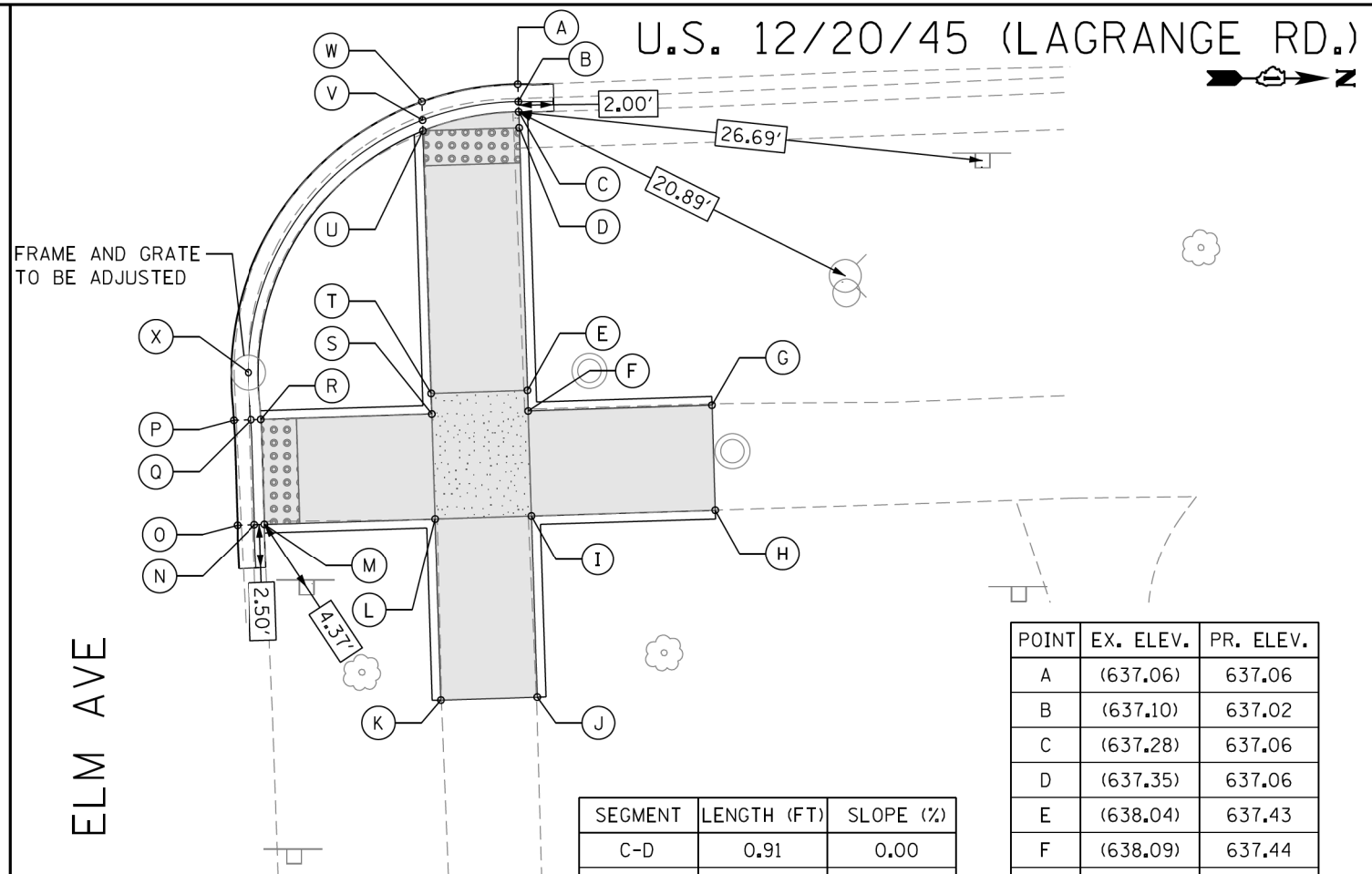


POINT	EX. ELEV.	PR. ELEV.
A	(636.67)	636.67
B	(636.61)	636.65
C	(636.88)	636.69
D	(637.80)	637.27
E	(637.91)	637.91
F	(638.06)	638.06
G	(637.88)	637.35
H	(637.97)	637.97
I	(637.88)	637.88
J	(637.83)	637.27
K	(637.81)	637.27
L	(637.23)	637.00
M	(637.11)	636.99
N	(636.99)	636.95
O	(637.00)	637.00
P	(636.94)	636.94
Q	(637.01)	636.90
R	(637.15)	636.94
S	(637.73)	637.24
T	(637.75)	637.24
U	(636.77)	636.66
V	(636.62)	636.62
W	(636.62)	636.62
X	(636.51)	636.51

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	8.12	7.14
C-U	6.00	0.50
D-E	11.00	5.82
D-G	5.50	1.45
D-T	6.00	0.50
E-F	5.36	2.80
F-G	11.00	6.45
G-H	10.50	5.85
G-J	6.00	1.33
H-I	6.00	1.50
I-J	10.50	5.70
J-K	0.43	0.00
K-L	15.00	1.80
K-S	5.50	0.55
L-M	1.30	0.77
L-R	5.50	1.09
R-S	15.00	2.00
S-T	0.43	0.00
T-U	8.12	7.14

ELM AVE

U.S. 12/20/45 (LAGRANGE RD.)



SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.91	0.00
D-E	15.00	2.47
D-U	5.50	1.45
E-F	1.18	0.85
E-T	5.50	1.45
F-G	10.50	7.71
F-I	6.00	0.67
G-H	6.00	1.83
H-I	10.50	8.30
I-J	10.40	7.31
I-L	5.50	1.45
J-K	5.50	2.91
K-L	10.40	6.54
L-M	9.74	7.10
L-S	6.00	0.67
M-R	6.00	0.50
R-S	9.74	7.00
S-T	1.18	0.85
T-U	15.00	2.47

POINT	EX. ELEV.	PR. ELEV.
A	(637.06)	637.06
B	(637.10)	637.02
C	(637.28)	637.06
D	(637.35)	637.06
E	(638.04)	637.43
F	(638.09)	637.44
G	(638.25)	638.25
H	(638.36)	638.36
I	(638.17)	637.48
J	(638.24)	638.24
K	(638.08)	638.08
L	(638.03)	637.40
M	(636.90)	636.71
N	(636.74)	636.67
O	(636.69)	636.69
P	(636.67)	636.67
Q	(636.68)	636.64
R	(636.80)	636.68
S	(637.93)	637.36
T	(637.88)	637.35
U	(637.18)	636.98
V	(636.96)	636.94
W	(636.95)	636.95
X	(636.64)	636.64

ELM AVE

REFERENCE CONTROL POINT ELEV : 637.66'
 NORTHING : 1873965.594
 EASTING : 1110652.787
 CONTROL POINT NO : 116 (FIND CROSS @ NORTHWEST OF ELM ST & LAGRANGE RD)
 LOCATION : FIND CROSS @ NORTHWEST OF ELM ST +/- 15.8' NORTH OF BACK OF CURB LINE ON NORTH SIDE ELM ST, +/- 27.40' WEST OF BACK OF CURB LINE ON WEST SIDE LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE
- TBM P

ELEV=638.19
 SET CUT SQUARE ON SOUTH SIDE OF CONCRETE LIGHT POLE BASE AT NORTHWEST CORNER OF ELM AVE AND LAGRANGE ROAD IN PARKWAY ABOUT 23 FT WEST OF BACK OF CURB AND ABOUT 7.5 FT NORTH NORTH BACK OF CURB OF ELM AVE



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23-6783

USER NAME = tnohemmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

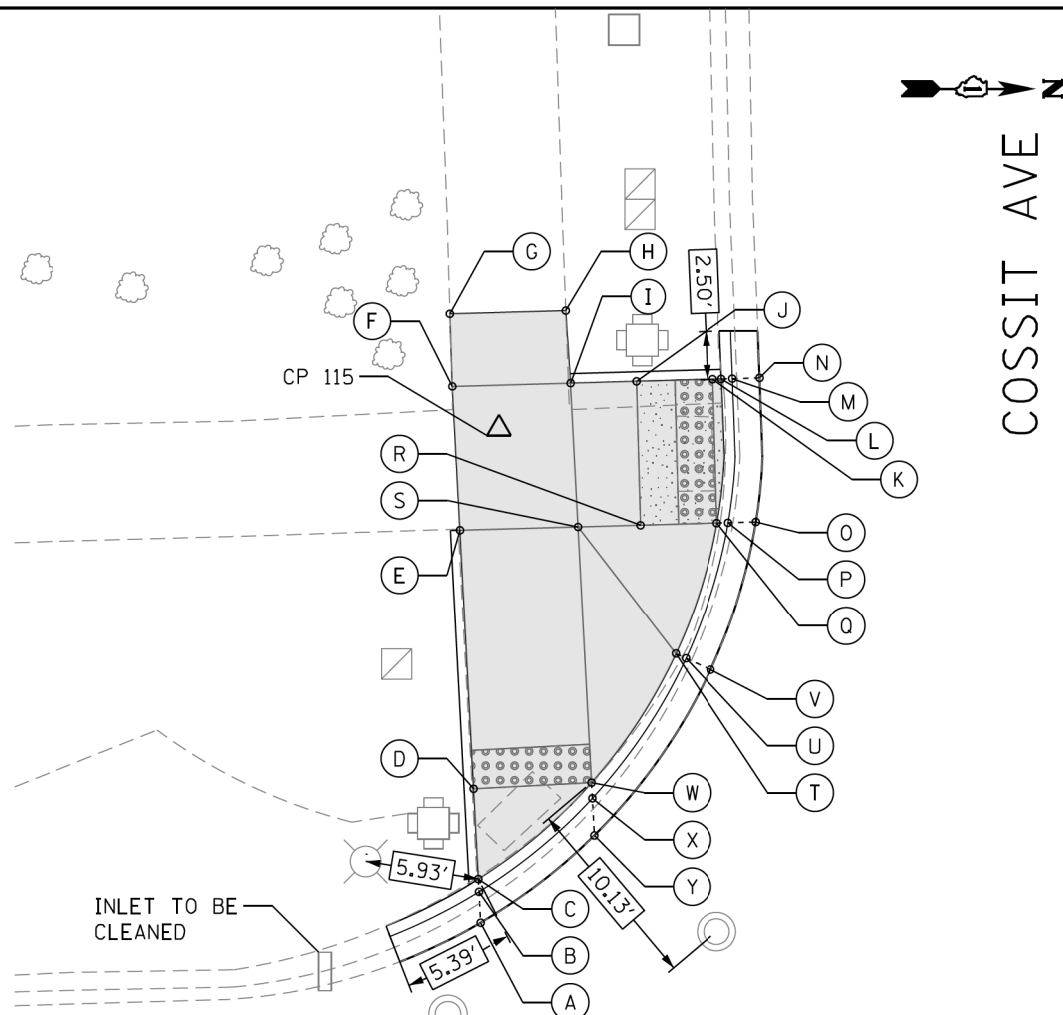
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 26 OF 50 SHEETS STA. TO STA.

ADA - 26
 F.A.P. RTE. 330 SECTION 2017-036RS COUNTY COOK TOTAL SHEETS 100 SHEET NO. 49
 CONTRACT NO. 62F58
 ILLINOIS FED. AID PROJECT

P:\66616005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange_01CAD\005Sheet_62F58_ADA_Sheet_26.dgn

P:\6661\666105\18-PT177-204-W018-62F58-ADA_Ramp_La_Grange\01CUD\05Sheet\62F58-ADA_Sheet_27.dgn



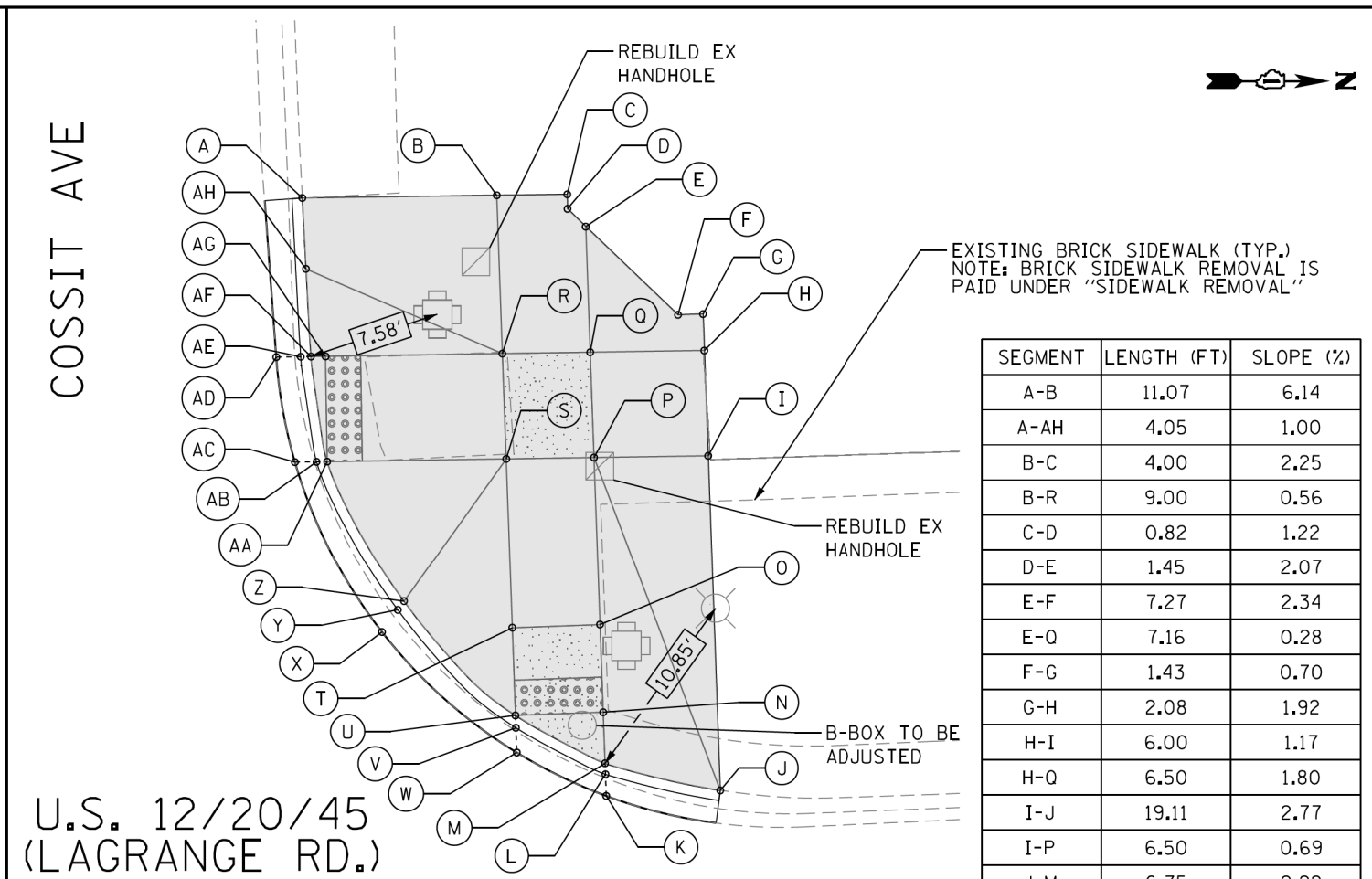
POINT	EX. ELEV.	PR. ELEV.
A	(638.24)	638.24
B	(638.32)	638.23
C	(638.36)	638.27
D	(638.51)	638.34
E	(638.79)	638.79
F	(638.79)	638.79
G	(638.75)	638.75
H	(638.71)	638.72
I	(638.74)	638.75
J	(638.69)	638.57
K	(638.51)	638.52
L	(638.52)	638.52
M	(638.34)	638.48
N	(638.44)	638.50
O	(638.48)	638.48
P	(638.47)	638.46
Q	(638.56)	638.50
R	(638.64)	638.56
S	(638.69)	638.73
T	(638.84)	639.01
U	(638.63)	638.38
V	(638.42)	638.42
W	(638.59)	638.34
X	(638.31)	638.30
Y	(638.32)	638.32

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	4.71	1.50
D-E	13.46	3.30
D-W	6.00	0.00
E-F	7.50	0.00
E-S	6.00	1.00
F-G	3.78	1.06
F-I	6.00	0.67
G-H	6.00	0.50
H-I	3.78	0.80
I-J	3.37	5.20
I-S	7.50	0.26
J-K	4.00	1.25
J-R	7.50	0.13
K-L	0.44	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
K-Q	7.50	0.26
Q-R	4.00	1.50
Q-T	7.17	7.11
R-S	3.37	5.00
S-W	13.46	2.90
T-W	8.07	8.30

U.S. 12/20/45 (LAGRANGE RD.)

COSSIT AVE



U.S. 12/20/45 (LAGRANGE RD.)

COSSIT AVE

POINT	EX. ELEV.	PR. ELEV.
A	(638.55)	638.55
B	(639.23)	639.23
C	(639.32)	639.32
D	(639.31)	639.31
E	(639.34)	639.34
F	(639.51)	639.51
G	(639.52)	639.52
H	(639.48)	639.48
I	(639.41)	639.41
J	(638.88)	638.88
K	(638.57)	638.60
L	(638.57)	638.59
M	(638.89)	638.63
N	(639.02)	638.67
O	(639.16)	638.72
P	(639.30)	639.36
Q	(639.35)	639.36

POINT	EX. ELEV.	PR. ELEV.
R	(639.20)	639.28
S	(639.09)	639.28
T	(638.91)	638.67
U	(638.48)	638.62
V	(638.45)	638.58
W	(638.51)	638.59
X	(638.42)	638.51
Y	(638.51)	638.51
Z	(638.72)	639.01
AA	(638.50)	638.48
AB	(638.32)	638.44
AC	(638.36)	638.45
AD	(638.35)	638.43
AE	(638.30)	638.43
AF	(638.42)	638.47
AG	(638.46)	638.48
AH	(638.60)	638.51

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	11.07	6.14
A-AH	4.05	1.00
B-C	4.00	2.25
B-R	9.00	0.56
C-D	0.82	1.22
D-E	1.45	2.07
E-F	7.27	2.34
E-Q	7.16	0.28
F-G	1.43	0.70
G-H	2.08	1.92
H-I	6.00	1.17
H-Q	6.50	1.80
I-J	19.11	2.77
I-P	6.50	0.69
J-M	6.75	2.22
M-N	2.92	1.37
N-O	5.00	1.00
N-U	5.00	1.00
O-P	9.59	6.61
O-T	5.00	1.00
P-Q	6.00	0.00
P-S	5.00	1.60
Q-R	5.00	1.60
R-S	6.00	0.00
R-AG	10.15	8.00
S-T	9.59	6.30
S-AA	10.20	8.00
T-U	5.00	1.00
U-Z	9.14	4.27
Z-AA	9.14	5.80
AA-AG	6.00	0.00
AG-AF	0.83	1.20
AF-AH	5.00	0.60

REFERENCE CONTROL POINT ELEV : 638.82'
 NORTHING : 1874528.35
 EASTING : 1110634.666
 CONTROL POINT NO : 115 (FIND CROSS AT SOUTHWEST OF COSSIT AVE & LAGRANGE RD)
 LOCATION : FIND CROSS AT SOUTHWEST OF COSSIT AVE +/- 12.50' SOUTH OF BACK OF CURB LINE ON SOUTH SIDE COSSIT AVE, +/- 20.3' WEST OF TRAFFIC SIGNAL POLE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM 0
 ELEV=638.52
 SET CUT SQUARE ABOUT 0.3 FT WEST OF CONCRETE BASE OF 1ST LIGHT POLE WEST OF LAGRANGE ROAD AT SOUTHWEST CORNER OF LAGRANGE ROAD AND COSSITT AVE ABOUT 2.5 FT NORTH OF BACK OF CURB



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23 -6783

USER NAME = tnoahmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

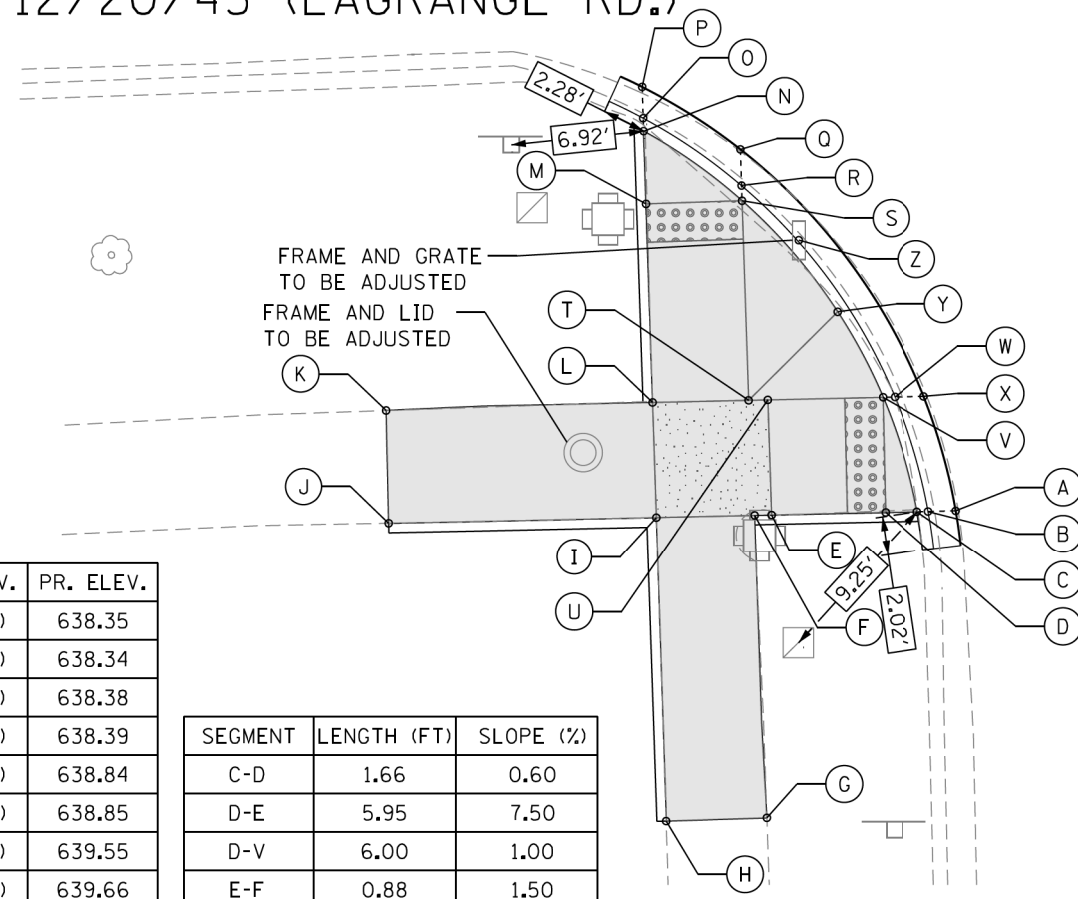
SCALE- 1:10 SHEET 27 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	50

CONTRACT NO. 62F58
 ILLINOIS FED. AID PROJECT

ADA - 27

U.S. 12/20/45 (LAGRANGE RD.)



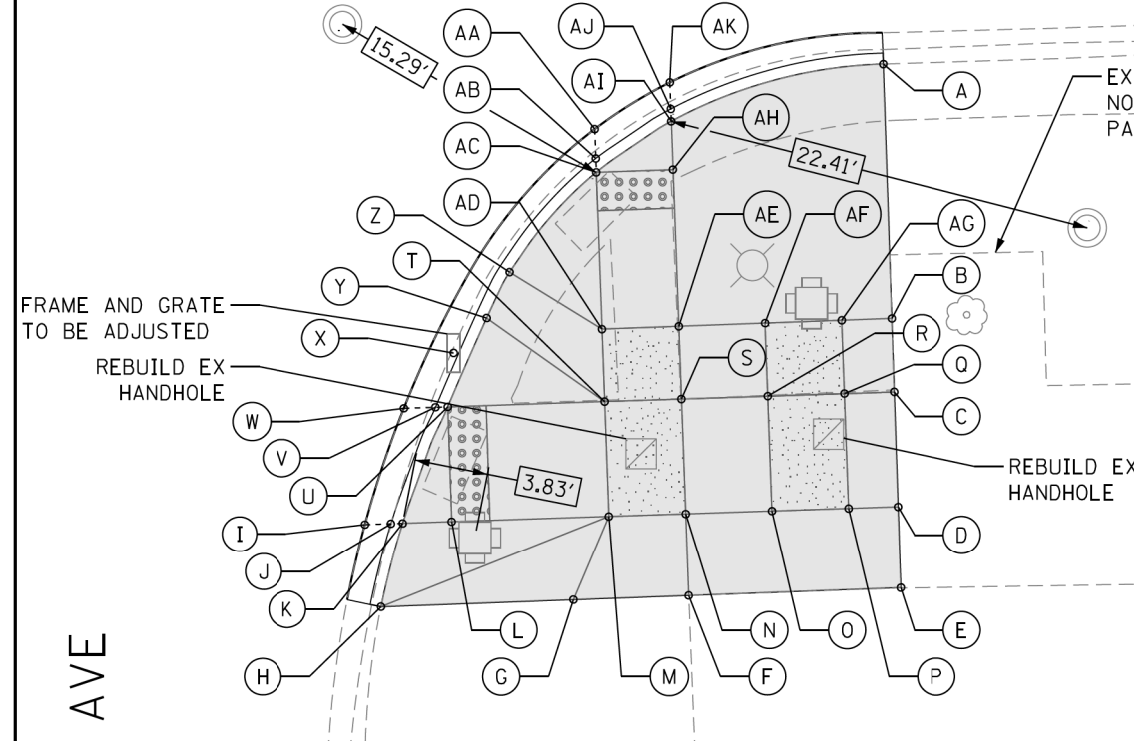
POINT	EX. ELEV.	PR. ELEV.
A	(638.35)	638.35
B	(638.39)	638.34
C	(638.48)	638.38
D	(638.63)	638.39
E	(639.56)	638.84
F	(639.66)	638.85
G	(639.55)	639.55
H	(639.66)	639.66
I	(639.56)	638.93
J	(639.76)	639.76
K	(639.57)	639.57
L	(639.48)	638.84
M	(638.70)	638.34
N	(638.41)	638.31
O	(638.32)	638.27
P	(638.33)	638.31
Q	(638.31)	638.26
R	(638.29)	638.25
S	(638.34)	638.29
T	(639.10)	638.76
U	(639.01)	638.75
V	(638.46)	638.33
W	(638.43)	638.29
X	(638.32)	638.32
Y	(638.67)	638.75
Z	(638.27)	638.25

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.66	0.60
D-E	5.95	7.50
D-V	6.00	1.00
E-F	0.88	1.50
E-U	6.00	1.50
F-G	15.80	4.40
F-I	5.12	1.50
G-H	5.25	2.10
H-I	15.80	4.54
I-J	14.00	6.00
I-L	6.00	1.50
J-K	5.87	3.24
K-L	14.00	5.21
L-M	10.37	4.82
L-T	5.00	1.50
M-N	3.79	0.80
M-S	5.00	1.00
S-T	10.37	4.53
S-Y	7.66	6.00
T-U	0.88	1.50
U-V	5.05	7.00
V-Y	5.05	8.30

COSSIT AVE



U.S. 12/20/45 (LAGRANGE RD.)



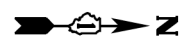
EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

POINT	EX. ELEV.	PR. ELEV.
A	(639.12)	639.12
B	(639.39)	639.39
C	(639.48)	639.48
D	(639.66)	639.66
E	(639.81)	639.81
F	(639.48)	639.48
G	(639.20)	639.20
H	(638.50)	638.50
I	(638.21)	638.38
J	(638.11)	638.37
K	(638.66)	638.41
L	(639.02)	638.42
M	(639.23)	639.07
N	(639.39)	639.15
O	(639.49)	639.46
P	(639.61)	639.54
Q	(639.44)	639.43
R	(639.38)	639.36
S	(639.30)	639.05
T	(639.13)	638.98
U	(638.30)	638.33
V	(638.15)	638.29
W	(638.23)	638.30
X	(638.17)	638.25
Y	(638.72)	638.74
Z	(638.75)	638.77
AA	(638.60)	638.56
AB	(638.50)	638.54
AC	(638.53)	638.58
AD	(639.02)	638.96
AE	(639.24)	639.03
AF	(639.36)	639.30
AG	(639.38)	639.36
AH	(639.11)	638.63
AI	(639.03)	638.63
AJ	(638.74)	638.61
AK	(638.67)	638.63

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	13.25	2.04
A-AI	11.55	4.24
B-C	3.82	2.36
B-AG	2.61	1.20
C-D	6.00	3.17
C-Q	2.61	1.88
D-E	4.25	3.20
D-P	2.61	4.60
E-F	11.06	3.00
F-G	6.00	4.67
F-N	4.27	8.00
G-H	10.00	3.00
G-M	4.72	8.00
H-K	4.50	2.00
K-L	2.55	0.39
L-M	8.19	8.00
L-U	6.00	1.50
M-N	4.00	1.75
M-T	6.00	1.50
N-O	4.50	6.90
N-S	6.00	1.50

SEGMENT	LENGTH (FT)	SLOPE (%)
O-P	4.00	2.25
O-R	6.00	1.50
P-Q	6.00	1.80
Q-R	4.00	1.75
Q-AG	3.82	1.83
R-S	4.50	5.20
R-AF	3.82	1.50
S-T	4.00	1.75
S-AE	3.82	0.52
T-U	8.19	8.00
T-AD	3.82	0.52
U-Y	5.05	8.12
Y-Z	2.67	1.12
Z-AC	6.90	2.75
AC-AD	8.16	4.65
AC-AH	4.00	1.25
AD-AE	4.00	1.75
AE-AH	8.16	4.90
AE-AF	4.50	6.00
AF-AG	4.00	1.50
AH-AI	2.50	1.20

COSSIT AVE



P:\6061\60605\18-PT177-204-W018-62F59-ADA_Ramp_La_Grange\01CAD\05Sheet\22F59-ADA_Sheet_28.dgn

REFERENCE CONTROL POINT ELEV : 638.82'
 NORTHING : 1874528.35
 EASTING : 1110634.666
 CONTROL POINT NO : 115 (FIND CROSS AT SOUTHWEST OF COSSIT AVE & LAGRANGE RD)
 LOCATION : FIND CROSS AT SOUTHWEST OF COSSIT AVE +/- 12.50' SOUTH OF BACK OF CURB LINE ON SOUTH SIDE COSSIT AVE, +/- 20.3' WEST OF TRAFFIC SIGNAL POLE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE
- TBM 0

TBM 0
 ELEV=638.52
 SET CUT SQUARE ABOUT 0.3 FT WEST OF CONCRETE BASE OF 1ST LIGHT POLE WEST OF LAGRANGE ROAD AT SOUTHWEST CORNER OF LAGRANGE ROAD AND COSSITT AVE ABOUT 2.5 FT NORTH OF BACK OF CURB



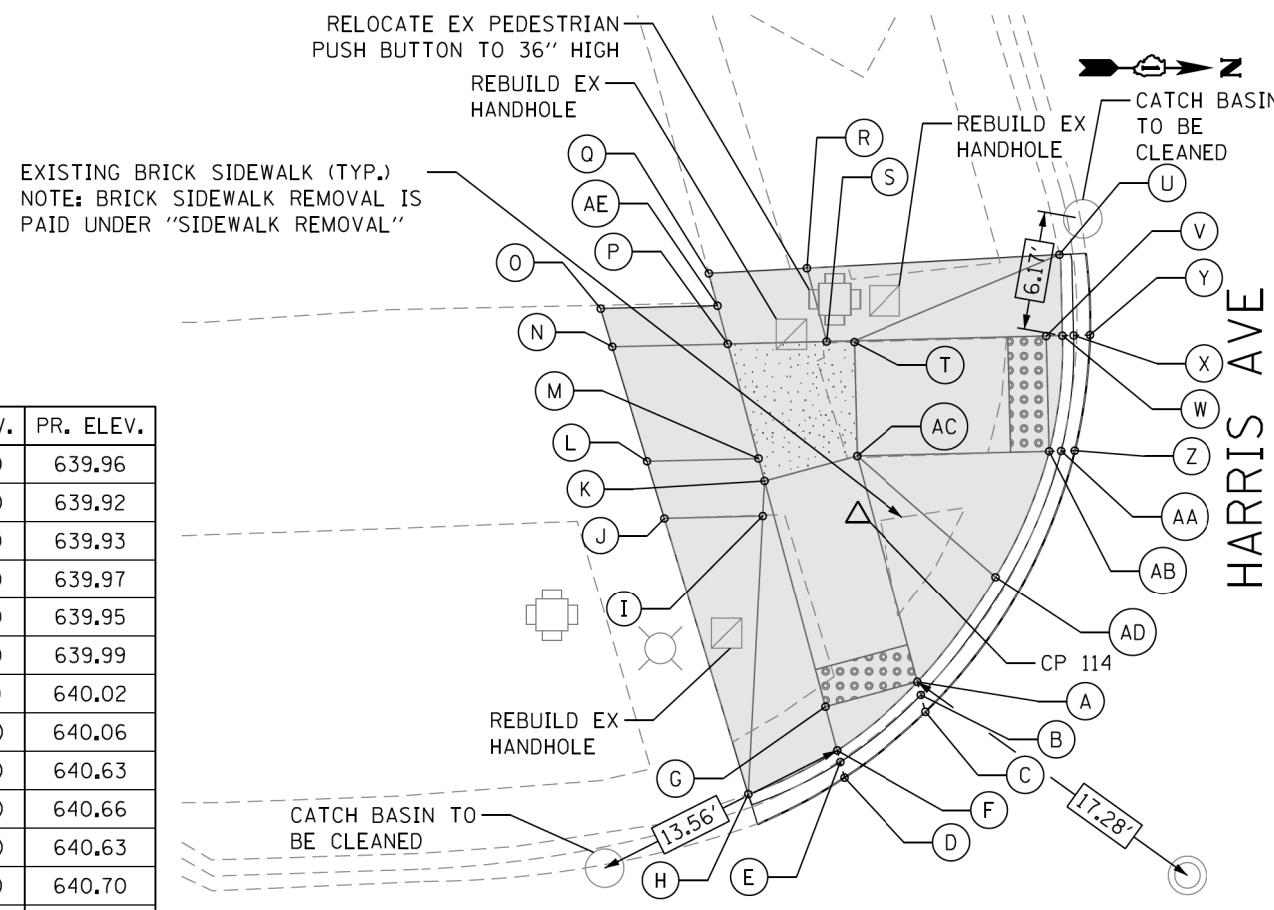
USER NAME = tnoahmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 1/8" = 1'-0"	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 28 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	CONTRACT NO. 62F58
TOTAL SHEETS 100		SHEET NO. 51	

ILLINOIS FED. AID PROJECT

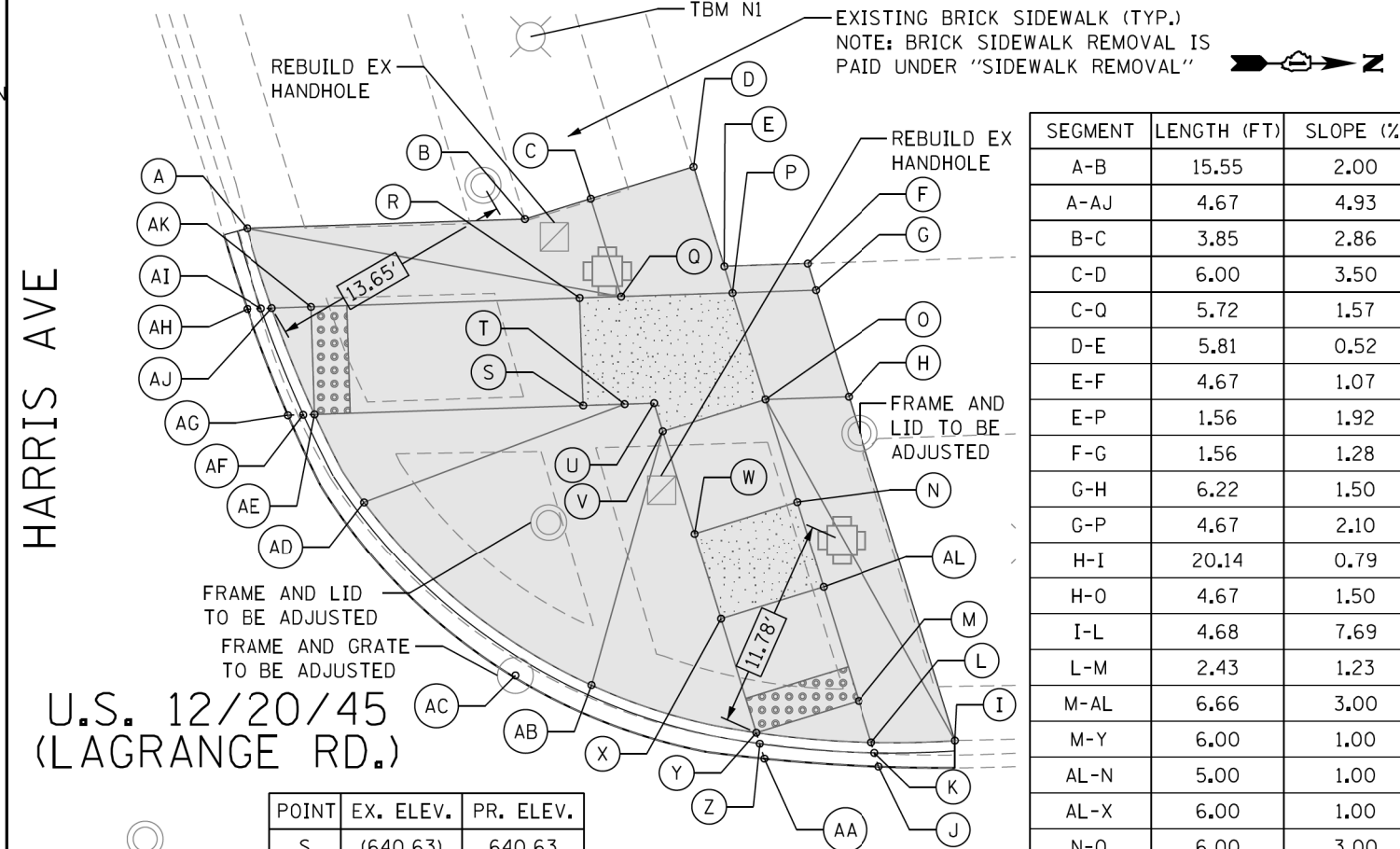


POINT	EX. ELEV.	PR. ELEV.
A	(639.96)	639.96
B	(639.90)	639.92
C	(639.93)	639.93
D	(639.97)	639.97
E	(639.95)	639.95
F	(639.99)	639.99
G	(640.16)	640.02
H	(640.06)	640.06
I	(640.65)	640.63
J	(640.66)	640.66
K	(640.66)	640.63
L	(640.72)	640.70
M	(640.66)	640.63
N	(640.83)	640.80
O	(640.87)	640.83
P	(640.73)	640.66
Q	(640.75)	640.75
R	(640.59)	640.59
S	(640.65)	640.58
T	(640.59)	640.56
U	(640.24)	640.24
V	(640.05)	639.84
W	(639.95)	639.83
X	(639.81)	639.79
Y	(639.83)	639.83
Z	(639.84)	639.84
AA	(639.82)	639.83
AB	(639.91)	639.84
AC	(640.60)	640.56
AD	(639.94)	640.38
AE	(640.75)	640.75

U.S. 12/20/45
(LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
A-G	5.00	1.20
A-AC	12.22	5.00
A-AD	6.84	6.69
F-G	2.36	1.27
F-H	5.17	1.35
G-K	12.22	5.23
H-J	15.05	4.00
J-I	5.12	0.58
J-L	3.11	1.29
L-M	5.81	1.16
L-N	6.23	1.50
N-O	2.08	1.50
N-P	6.00	2.33
O-AE	6.08	1.32

SEGMENT	LENGTH (FT)	SLOPE (%)
AE-P	2.06	4.37
AE-Q	1.75	0.57
Q-R	5.11	3.13
R-U	13.20	2.65
R-S	3.95	0.25
U-W	4.22	9.71
W-V	0.84	1.20
V-AB	6.00	0.00
V-T	10.00	7.25
T-S	1.45	1.38
T-AC	6.00	0.00
P-S	5.11	1.50
P-M	6.23	0.40
M-K	1.21	0.00
K-AC	5.00	1.40
I-K	1.83	0.00
AB-AD	7.15	7.55



U.S. 12/20/45
(LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
S	(640.63)	640.63
T	(640.66)	640.66
U	(640.66)	640.67
V	(640.68)	640.66
W	(640.57)	640.48
X	(640.47)	640.43
Y	(640.26)	640.23
Z	(640.20)	640.19
AA	(640.22)	640.22
AB	(640.12)	640.55
AC	(640.01)	640.01
AD	(640.06)	640.50
AE	(640.06)	640.01
AF	(640.00)	639.97
AG	(640.01)	640.01
AH	(639.98)	639.98
AI	(639.96)	639.94
AJ	(640.05)	639.98
AK	(640.16)	640.01
AL	(640.57)	640.49

POINT	EX. ELEV.	PR. ELEV.
A	(640.21)	640.21
B	(640.52)	640.52
C	(640.63)	640.63
D	(640.85)	640.85
E	(640.82)	640.82
F	(640.93)	640.93
G	(640.91)	640.91
H	(640.84)	640.79
I	(640.63)	640.63
J	(640.27)	640.27
K	(640.22)	640.22
L	(640.35)	640.26
M	(640.46)	640.29
N	(640.65)	640.54
O	(640.74)	640.72
P	(640.81)	640.79
Q	(640.58)	640.72
R	(640.54)	640.69

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	15.55	2.00
A-AJ	4.67	4.93
B-C	3.85	2.86
C-D	6.00	3.50
C-Q	5.72	1.57
D-E	5.81	0.52
E-F	4.67	1.07
E-P	1.56	1.92
F-G	1.56	1.28
G-H	6.22	1.50
G-P	4.67	2.10
H-I	20.14	0.79
H-O	4.67	1.50
I-L	4.68	7.69
L-M	2.43	1.23
M-AL	6.66	3.00
M-Y	6.00	1.00
AL-N	5.00	1.00
N-O	6.00	3.00
N-W	6.00	1.00
O-P	6.22	1.10
O-V	6.00	1.00
P-Q	6.22	1.20
Q-R	2.32	1.29
R-S	6.00	1.00
S-T	2.32	1.29
S-AE	15.00	4.13
T-U	1.64	0.61
U-V	1.64	0.61
V-W	6.00	3.00
W-X	5.00	1.00
X-Y	6.66	3.00
Y-AB	9.61	3.36
AB-AD	16.48	0.30
AD-AE	5.65	8.67
AE-AK	6.00	0.00
AK-AJ	2.20	1.36
AK-R	15.00	4.50

REFERENCE CONTROL POINT ELEV : 640.51
 NORTHING : 1875162.95
 EASTING : 1110621.97
 CONTROL POINT NO : 114 (SET CROSS @ SW CORNER OF HARRIS AVE & LAGRANGE RD)
 LOCATION : XXXXXXXXXXXXXXXXXXXXXXXXXX

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM N1
 ELEV=640.80
 SET CUT SQUARE ABOUT 20 FT NORTH OF BACK OF CURB AND ABOUT 15 FT WEST OF TRAFFIC LIGHT ON NE'LY CORNER OF CONCRETE BLOCK OF STREET LIGHT AT SOUTHWEST CORNER , HARRIS AVE AND N LAGRANGE ROAD



USER NAME = tnoahmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

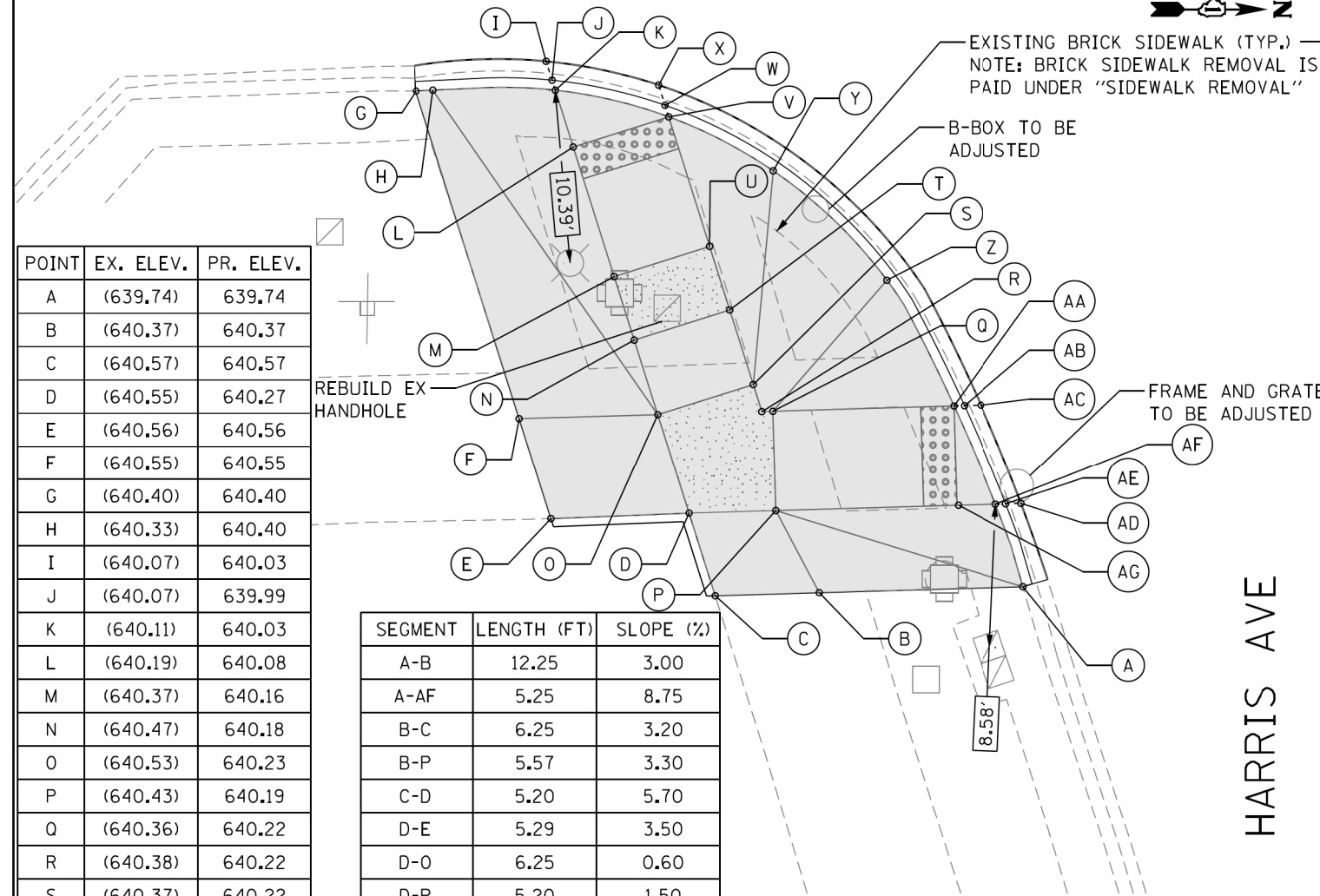
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 29 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	CONTRACT NO. 62F58
TOTAL SHEETS 100		SHEET NO. 52	

P:\66616005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_29.dgn

U.S. 12/20/45 (LAGRANGE RD.)



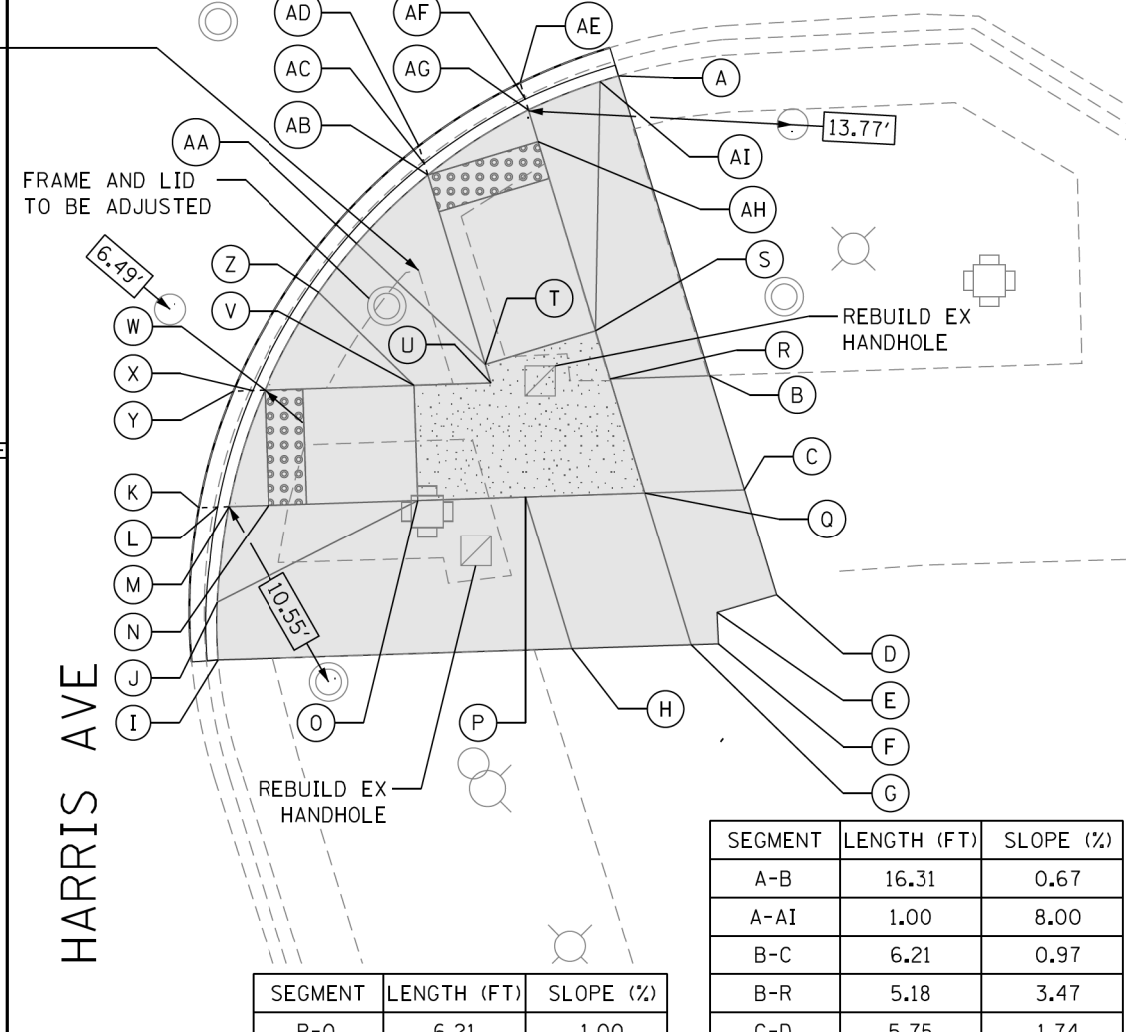
POINT	EX. ELEV.	PR. ELEV.
A	(639.74)	639.74
B	(640.37)	640.37
C	(640.57)	640.57
D	(640.55)	640.27
E	(640.56)	640.56
F	(640.55)	640.55
G	(640.40)	640.40
H	(640.33)	640.40
I	(640.07)	640.03
J	(640.07)	639.99
K	(640.11)	640.03
L	(640.19)	640.08
M	(640.37)	640.16
N	(640.47)	640.18
O	(640.53)	640.23
P	(640.43)	640.19
Q	(640.36)	640.22
R	(640.38)	640.22
S	(640.37)	640.22
T	(640.29)	640.17
U	(640.21)	640.15
V	(640.05)	640.01
W	(640.01)	639.97
X	(640.02)	640.01
Y	(639.92)	640.36
Z	(639.60)	639.91
AA	(639.43)	639.36
AB	(639.41)	639.32
AC	(639.45)	639.36
AD	(639.24)	639.24
AE	(639.31)	639.24
AF	(639.41)	639.28
AG	(639.65)	639.32

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	12.25	3.00
A-AF	5.25	8.75
B-C	6.25	3.20
B-P	5.57	3.30
C-D	5.20	5.70
D-E	5.29	3.50
D-O	6.25	0.60
D-P	5.20	1.50
E-F	6.33	0.16
F-G	20.60	0.73
F-O	8.32	3.86
G-H	1.03	0.00
H-K	7.35	5.00
K-L	3.57	1.40
L-M	8.14	1.00
L-V	6.00	1.20
M-N	4.00	0.50
M-U	6.00	0.17
N-O	4.69	1.00
N-T	6.00	1.00
O-S	6.00	0.17
S-R	1.70	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
S-T	4.69	1.00
R-O	0.66	0.00
Q-AA	10.87	7.90
Q-P	6.00	0.50
T-U	4.00	0.50
U-V	8.14	1.75
V-Y	7.07	4.95
Y-Z	12.58	3.58
Z-AA	5.49	10.00
AA-AG	6.00	0.67
AG-P	10.87	8.00
AF-AG	2.34	1.70

HARRIS AVE

U.S. 12/20/45 (LAGRANGE RD.)



HARRIS AVE

SEGMENT	LENGTH (FT)	SLOPE (%)
P-Q	6.21	1.00
Q-R	6.21	0.50
R-S	2.61	0.50
S-T	6.00	1.33
S-AH	10.30	3.00
T-U	1.00	0.00
T-AB	10.30	3.00
U-V	4.00	0.00
V-W	7.80	6.00
W-Z	5.84	7.90
Z-AA	3.21	0.00
AA-AB	5.15	5.80
AB-AH	6.00	1.33
AG-AH	1.71	0.00
AG-AI	4.00	7.75

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	16.31	0.67
A-AI	1.00	8.00
B-C	6.21	0.97
B-R	5.18	3.47
C-D	5.75	1.74
C-Q	5.18	3.00
D-E	3.23	3.41
E-F	1.63	2.45
F-G	1.42	2.82
G-H	6.21	1.93
G-Q	8.28	1.80
H-I	18.46	1.41
I-J	3.00	1.00
J-M	5.06	6.92
M-N	2.07	1.45
N-O	7.80	6.00
N-W	6.00	0.00
O-P	5.61	1.00
O-V	6.00	0.00

POINT	EX. ELEV.	PR. ELEV.
A	(640.57)	640.57
B	(640.68)	640.68
C	(640.74)	640.74
D	(640.84)	640.84
E	(640.73)	640.73
F	(640.72)	640.72
G	(640.69)	640.68
H	(640.55)	640.55
I	(640.29)	640.29
J	(640.12)	640.26
K	(639.92)	639.92
L	(639.94)	639.87
M	(639.94)	639.91
N	(640.01)	639.94
O	(640.38)	640.41
P	(640.52)	640.47
Q	(640.63)	640.53
R	(640.56)	640.50
S	(640.53)	640.49
T	(640.51)	640.41
U	(640.53)	640.41
V	(640.36)	640.41
W	(639.92)	639.94
X	(639.92)	639.90
Y	(639.91)	639.91
Z	(639.95)	640.40
AA	(639.98)	640.40
AB	(640.06)	640.10
AC	(640.05)	640.06
AD	(640.09)	640.09
AE	(640.17)	640.17
AF	(640.13)	640.15
AG	(640.21)	640.18
AH	(640.32)	640.18
AI	(640.59)	640.49

REFERENCE CONTROL POINT ELEV : 640.51
 NORTHING : 1875162.95
 EASTING : 1110621.97
 CONTROL POINT NO : 114 (SET CROSS @ SW CORNER OF HARRIS AVE & LAGRANGE RD)
 LOCATION : XXXXXXXXXXXXXXXXXXXXXXXX

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM N1
 ELEV=640.80
 SET CUT SQUARE ABOUT 20 FT NORTH OF BACK OF CURB AND ABOUT 15 FT WEST OF TRAFFIC LIGHT ON NE'LY CORNER OF CONCRETE BLOCK OF STREET LIGHT AT SOUTHWEST CORNER , HARRIS AVE AND N LAGRANGE ROAD



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

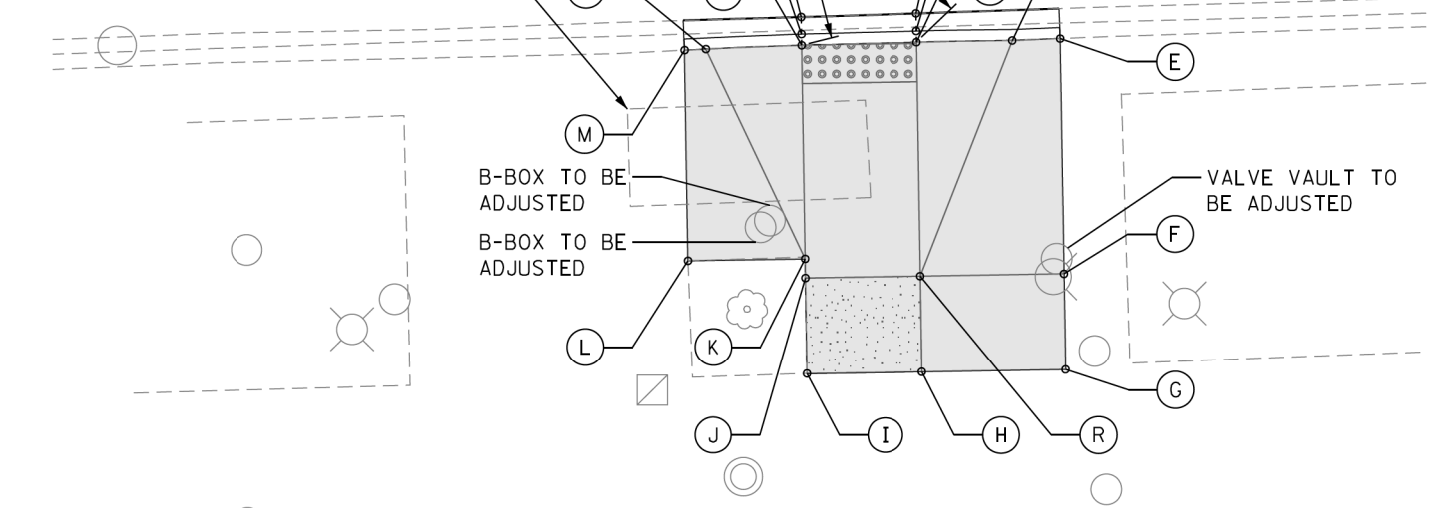
SCALE- 1:10 SHEET 30 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 53
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62F58	

P:\66160005\18-PTB177-004-W018-62F58-ADA_Ramp_La_Grange\11CAD\08Sheet\62F58_ADA_Sheet_30.dwg

U.S. 12/20/45 (LAGRANGE RD.)

EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

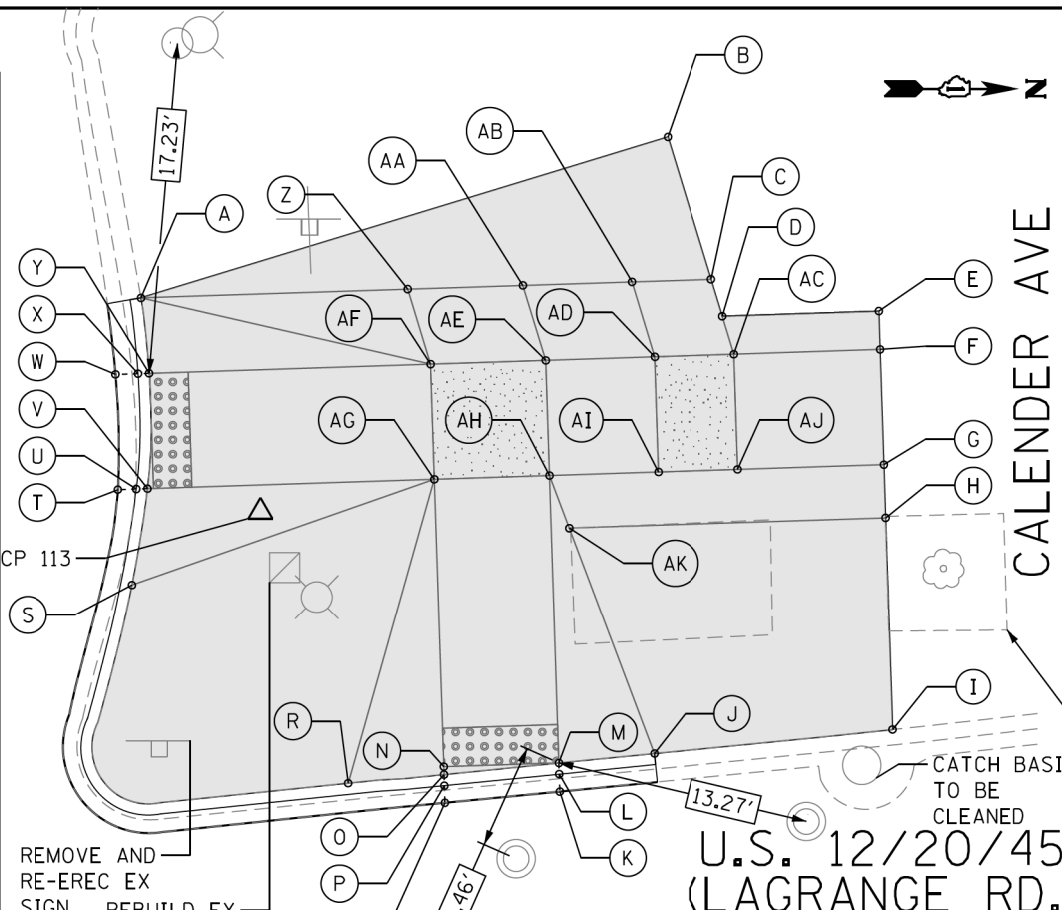


EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

POINT	EX. ELEV.	PR. ELEV.
A	(642.45)	642.45
B	(642.45)	642.41
C	(642.53)	642.45
D	(642.83)	642.86
E	(642.87)	642.87
F	(643.29)	643.29
G	(643.40)	643.42
H	(643.36)	643.37
I	(643.33)	643.33
J	(643.22)	643.25
K	(643.20)	643.20
L	(643.09)	643.09
M	(642.76)	642.76
N	(642.76)	642.76
O	(642.41)	642.40
P	(642.40)	642.36
Q	(642.49)	642.40
R	(643.24)	643.29

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	5.00	8.20
C-Q	6.00	0.83
C-R	12.13	6.90
D-E	2.50	0.40
E-F	12.25	3.27
F-G	5.00	3.00
F-R	7.50	0.00
G-H	7.50	0.67
H-I	6.00	0.67
H-R	5.00	1.60
I-J	5.00	1.60
J-K	1.00	5.00
J-R	6.00	0.67
K-L	6.11	1.80
K-Q	11.13	7.00
L-M	11.00	3.00
M-N	1.11	0.00
N-Q	5.00	7.20

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	28.70	3.38
A-Y	1.48	8.75
B-C	7.75	0.77
C-D	2.00	1.00
C-AB	4.14	1.21
D-E	8.15	1.96
D-AC	2.07	1.45
E-F	2.00	5.00
F-G	6.00	2.33
F-AC	7.61	1.20
G-H	2.77	11.91
G-AJ	7.61	0.00
H-I	11.07	3.16
H-AK	16.50	0.61
I-J	12.47	1.76
J-M	5.00	7.80
M-N	6.00	1.17
M-AH	15.00	7.10
N-O	0.42	0.00
N-AG	15.00	6.50
O-R	5.00	9.60
S-V	5.12	8.80
V-Y	6.00	1.00
V-AG	14.62	5.70
Y-AF	14.62	5.80
Z-AA	6.00	0.00
Z-AF	4.08	0.00
AA-AB	5.69	2.64
AA-AE	4.08	0.00
AB-AD	4.08	0.00
AC-AD	4.14	1.00
AC-AJ	6.00	0.50
AD-AE	5.69	2.60
AD-AI	6.00	0.50
AE-AF	6.00	0.00
AE-AH	6.00	1.17
AF-AG	6.00	0.50
AG-AH	6.00	0.67
AH-AI	5.69	3.30
AH-AK	2.93	7.10
AI-AJ	4.14	1.00



REMOVE AND RE-EREC EX SIGN
REBUILD EX HANDHOLE

POINT	EX. ELEV.	PR. ELEV.
S	(642.69)	643.04
T	(642.63)	642.58
U	(642.59)	642.55
V	(642.71)	642.59
W	(642.61)	642.61
X	(642.60)	642.61
Y	(642.68)	642.65
Z	(643.34)	643.50
AA	(643.42)	643.50
AB	(643.61)	643.65
AC	(643.63)	643.69
AD	(643.55)	643.65
AE	(643.36)	643.50
AF	(643.26)	643.50
AG	(643.10)	643.47
AH	(643.21)	643.43
AI	(643.30)	643.62
AJ	(643.32)	643.66
AK	(643.17)	643.23

POINT	EX. ELEV.	PR. ELEV.
A	(642.97)	642.97
B	(643.64)	643.64
C	(643.70)	643.70
D	(643.72)	643.72
E	(643.88)	643.88
F	(643.78)	643.78
G	(643.66)	643.66
H	(643.33)	643.33
I	(642.98)	642.98
J	(642.94)	642.76
K	(642.37)	642.37
L	(642.49)	642.33
M	(642.51)	642.37
N	(642.58)	642.44
O	(642.54)	642.44
P	(642.41)	642.40
Q	(642.43)	642.43
R	(642.97)	642.92

REFERENCE CONTROL POINT ELEV : 643.02'
NORTHING : 1875534.828
EASTING : 1110605.149
CONTROL POINT NO : 113 (SET CROSS @ NORTHWEST OF CALENDAR AVE & LAGRANGE RD)
LOCATION : SET CROSS @ NORTHWEST OF CALENDAR AVE +/- 20.4' SOUTHEAST OF 2 STOREY BRICK BUILDING(CHASE BANK), +/- 18.70 WST OF BACK OF CURB LINE ON WEST SIDE OF LAGRANGE ROAD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM N
ELEV=643.56
SET CUT SQUARE ABOUT 0.30 FT NORTH OF SOUTHEAST CORNER OF CONCRETE LIGHT POLE BASE AT NORTHWEST CORNER OF CALENDAR AVE AND N LAGRANGE ROAD ABOUT 5.0 FT WEST OF BACK OF CURB AND ABOUT 50 FT NORTH OF BACK OF CURB

P:\66516005\18-PTB177-004-W018-62F58-ADA-Ramp Ls Grange\01CAD\05Sheet\25F58-ADA-Sheet_31.dgn



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
PLLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 31 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	54
CONTRACT NO. 62F58				

ADA - 31

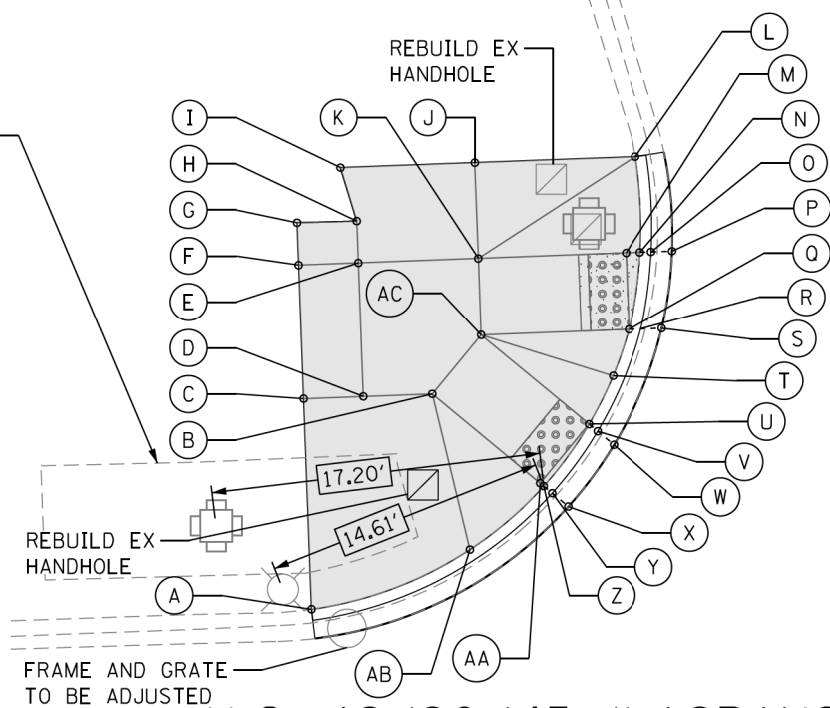
ILLINOIS FED. AID PROJECT



BURLINGTON AVE

EXISTING BRICK SIDEWALK (TYP.)
NOTE: BRICK SIDEWALK REMOVAL IS PAID UNDER "SIDEWALK REMOVAL"

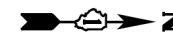
POINT	EX. ELEV.	PR. ELEV.
A	(644.29)	644.29
B	(644.47)	644.46
C	(644.53)	644.53
D	(644.51)	644.52
E	(644.70)	644.64
F	(644.72)	644.72
G	(644.77)	644.77
H	(644.76)	644.76
I	(644.76)	644.76
J	(644.68)	644.68
K	(644.59)	644.54
L	(644.54)	644.54
M	(644.39)	644.13
N	(644.40)	644.13
O	(644.20)	644.09
P	(644.13)	644.13
Q	(644.16)	644.11
R	(644.09)	644.07
S	(644.11)	644.11
T	(644.16)	644.24
U	(644.15)	644.08
V	(644.06)	644.04
W	(644.07)	644.07
X	(644.02)	644.02
Y	(644.01)	644.00
Z	(644.10)	644.04
AA	(644.12)	644.04
AB	(644.25)	644.32
AC	(644.48)	644.52



U.S. 12/20/45 (LAGRANGE RD.)

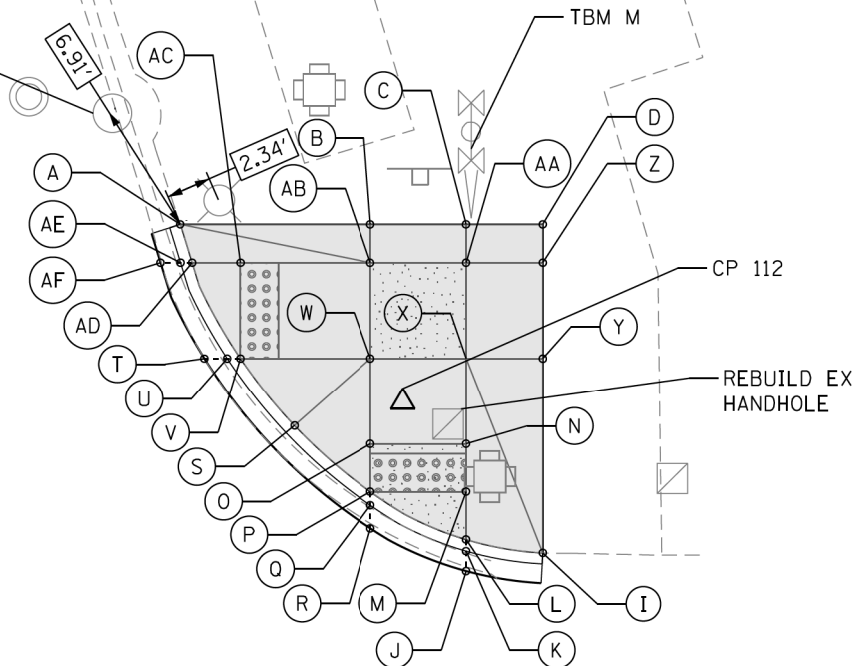
SEGMENT	LENGTH (FT)	SLOPE (%)
A-C	11.00	2.18
A-AB	8.89	0.34
C-D	3.11	0.32
C-F	7.00	2.71
F-G	2.21	2.26
F-E	3.11	2.58
G-H	3.11	0.32
H-E	2.18	5.50
H-I	2.91	0.00
I-J	7.00	1.14
J-L	8.37	1.67
J-K	5.00	2.60
L-N	5.00	8.20
N-M	0.72	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
M-Q	4.00	0.50
M-K	7.72	7.10
K-E	6.25	1.60
K-AC	4.00	0.50
E-D	7.00	1.70
D-B	3.59	1.60
B-AC	4.00	1.50
AC-Q	7.72	7.10
O-T	2.56	5.00
T-U	2.82	5.70
U-AA	4.00	1.00
U-AC	7.31	6.00
AA-Z	0.25	0.00
AA-B	7.31	5.70
AA-AB	5.08	5.50



BURLINGTON AVE

CATCH BASIN TO BE CLEANED



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	9.93	1.71
A-AD	2.10	16.19
B-C	5.00	2.00
B-AB	2.00	1.00
C-D	4.00	1.25
C-AA	2.00	4.00
D-Z	2.00	0.00
I-L	4.07	8.30
I-Y	10.15	0.20
L-M	2.50	1.20
M-N	2.50	1.60
M-P	5.00	0.80
N-O	5.00	0.80
N-X	4.46	7.00
O-P	2.50	1.60
P-S	5.25	6.67
S-V	4.50	10.00
V-W	6.78	6.60
V-AC	5.00	0.00
W-X	5.00	0.80
W-O	4.46	7.00
W-AB	5.00	0.00
X-Y	4.00	0.50
X-AA	5.00	0.00
Y-Z	5.00	1.00
Z-AA	4.00	0.75
AA-AB	5.00	0.80
AB-AC	6.78	6.80
AC-AD	2.52	1.58

POINT	EX. ELEV.	PR. ELEV.
A	(643.55)	643.55
B	(643.72)	643.72
C	(643.82)	643.82
D	(643.77)	643.77
I	(643.70)	643.70
J	(643.35)	643.35
K	(643.31)	643.32
L	(643.67)	643.36
M	(643.55)	643.39
N	(643.63)	643.43
O	(643.46)	643.39
P	(643.37)	643.35

POINT	EX. ELEV.	PR. ELEV.
Q	(643.25)	643.32
R	(643.31)	643.31
S	(643.34)	643.70
T	(643.22)	643.22
U	(643.24)	643.21
V	(643.32)	643.25
W	(643.57)	643.70
X	(643.70)	643.74
Y	(643.72)	643.72
Z	(643.77)	643.77
AA	(643.78)	643.74
AB	(643.67)	643.70
AC	(643.48)	643.25
AD	(643.43)	643.21
AE	(643.27)	643.17
AF	(643.19)	643.19

REFERENCE CONTROL POINT ELEV : 643.58'
 NORTHING : 1875888.32
 EASTING : 1110596.68
 CONTROL POINT NO : 112 (SET CROSS @ NORTHWEST OF BURLINGTON & LAGRANGE RD)
 LOCATION : SET CROSS @ NORTHWEST OF BURLINGTON AVE +/- 9.0' SOUTHWEST OF TRAFFIC SIGNAL POLE, +/- 7.5' NORTH OF BACK OF CURB LINE ON NORTH SIDE BURLINGTON AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

TBM M
 ELEV=643.90
 SET CUT SQUARE ON RAILROAD CROSSING GATE AT SW'LY CORNER OF BURLINGTON AVE AND N LAGRANGE ROAD ON CONCRETE BASE AT EAST SIDE ABOUT 2FT NORTH OF SIGN AND ABOUT 20FT W'LY OF TRAFFIC LIGHT



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 1/8" = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

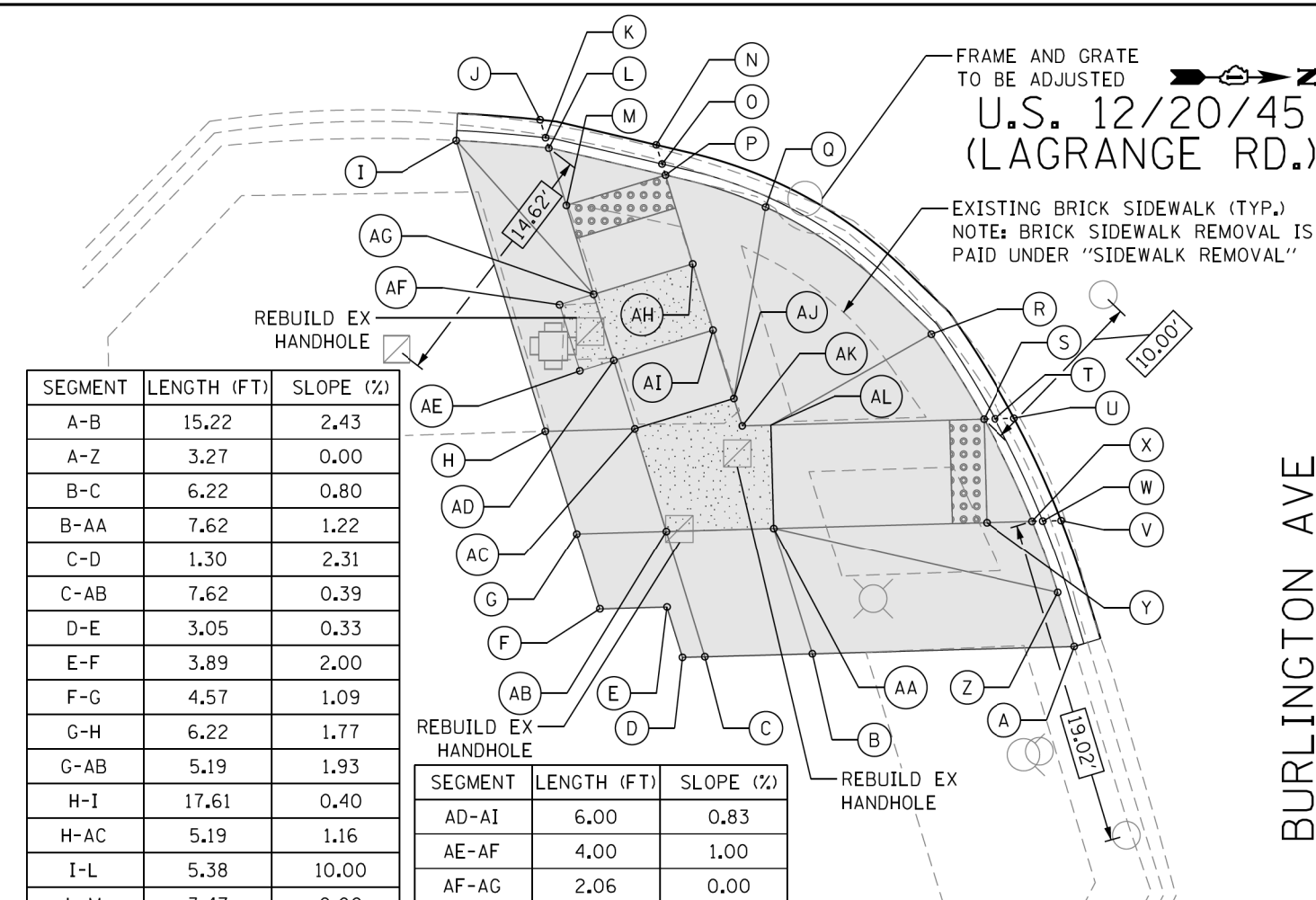
SCALE- 1:10 SHEET 32 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	55
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 32

P:\66616005\18-PTB177-2004-W018-62F58-ADA_Ramp_La_Grange_01CADD\08Sheet\62F58_ADA_Sheet_32.dgn

P:\665\60605\18-PTB177-204_W018-62F58-ADA_Ramp_La_Grange_01C0D\05Sheet\62F58_ADA_Sheet_33.dwg



SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	15.22	2.43
A-Z	3.27	0.00
B-C	6.22	0.80
B-AA	7.62	1.22
C-D	1.30	2.31
C-AB	7.62	0.39
D-E	3.05	0.33
E-F	3.89	2.00
F-G	4.57	1.09
G-H	6.22	1.77
G-AB	5.19	1.93
H-I	17.61	0.40
H-AC	5.19	1.16
I-L	5.38	10.00
L-M	3.47	0.00
M-P	6.00	1.67
M-AG	5.38	5.80
P-Q	6.10	5.25
P-AH	5.38	6.70
Q-R	12.17	0.01
R-S	5.79	6.90
S-Y	6.00	0.00
Y-X	2.65	0.38
Y-AA	12.35	5.90
X-Z	4.42	9.73
AA-AB	6.22	1.10
AA-AL	6.00	0.83
AB-AC	6.22	1.00
AC-AD	4.15	5.00
AC-AJ	6.00	0.83
AD-AE	2.06	0.00
AD-AG	4.00	1.00

SEGMENT	LENGTH (FT)	SLOPE (%)
AD-AI	6.00	0.83
AE-AF	4.00	1.00
AF-AG	2.06	0.00
AG-AH	6.00	0.83
AH-AI	4.00	1.00
AI-AJ	4.15	5.00
AJ-AK	1.66	0.00
AK-AL	1.66	0.00

POINT	EX. ELEV.	PR. ELEV.
A	(644.21)	644.21
B	(644.58)	644.58
C	(644.63)	644.63
D	(644.66)	644.66
E	(644.67)	644.67
F	(644.75)	644.75
G	(644.70)	644.70
H	(644.59)	644.59
I	(644.52)	644.52
J	(644.02)	643.97
K	(644.00)	643.93

POINT	EX. ELEV.	PR. ELEV.
L	(644.12)	643.97
M	(644.27)	643.97
N	(643.94)	643.87
O	(643.91)	643.83
P	(643.95)	643.87
Q	(643.82)	644.19
R	(643.88)	644.20
S	(643.86)	643.80
T	(643.83)	643.76
U	(643.84)	643.77
V	(643.82)	643.78

POINT	EX. ELEV.	PR. ELEV.
W	(643.83)	643.75
X	(643.88)	643.79
Y	(644.10)	643.80
Z	(644.11)	644.22
AA	(644.46)	644.53
AB	(644.61)	644.60
AC	(644.51)	644.53
AD	(644.48)	644.32
AE	(644.52)	644.32
AF	(644.43)	644.28
AG	(644.36)	644.28
AH	(644.18)	644.23
AI	(644.25)	644.27
AJ	(644.32)	644.48
AK	(644.36)	644.48
AL	(644.34)	644.48

REFERENCE CONTROL POINT ELEV : 643.58'
 NORTHING : 1875888.32
 EASTING : 1110596.68
 CONTROL POINT NO : 112 (SET CROSS @ NORTHWEST OF BURLINGTON & LAGRANGE RD)
 LOCATION : SET CROSS @ NORTHWEST OF BURLINGTON AVE +/- 9.0' SWHVEST OF TRAFFIC SIGNAL POLE, +/- 7.5' NORTH OF BACK OF CURB LINE ON NORTH SIDE BURLINGTON AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

TBM M
 ELEV=643.90
 SET CUT SQUARE ON RAILROAD CROSSING GATE AT SW'LY CORNER OF BURLINGTON AVE AND N LAGRANGE ROAD ON CONCRETE BASE AT EAST SIDE ABOUT 2FT NORTH OF SIGN AND ABOUT 20FT W'LY OF TRAFFIC LIGHT

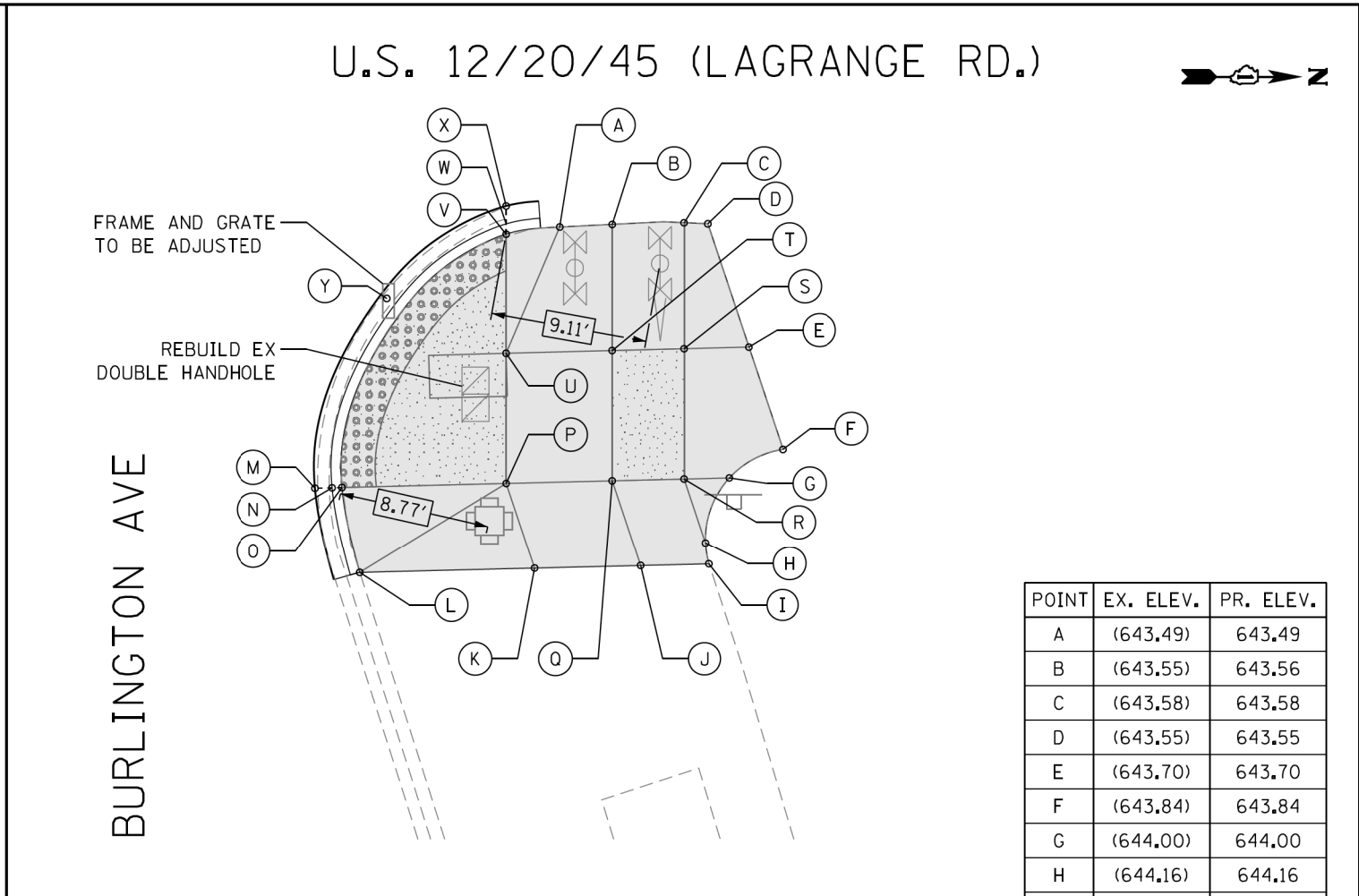


USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1in.	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 33 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 56
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

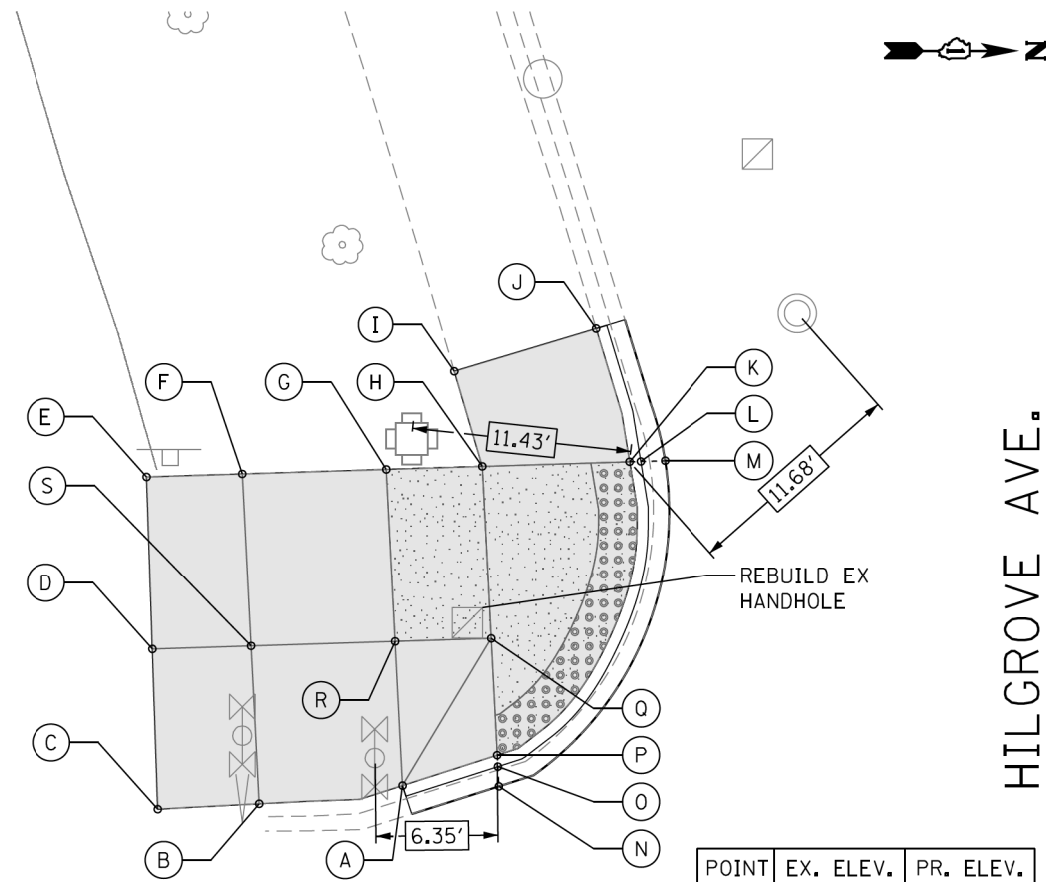


SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	3.05	2.30
A-V	3.15	7.30
B-C	4.18	0.50
B-T	7.33	1.64
C-D	1.38	1.45
C-S	7.33	1.64
D-E	7.56	2.00
E-F	6.27	2.23
E-S	3.77	0.00
F-G	3.60	4.24
G-H	4.15	3.86
G-R	2.63	6.08
H-I	1.25	1.60
I-J	4.00	0.50

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	6.17	0.16
J-Q	5.23	1.15
K-L	10.17	4.13
L-O	5.09	9.60
O-P	9.55	1.50
P-Q	6.17	7.10
P-U	7.58	0.90
Q-R	4.18	0.90
Q-T	7.58	1.60
R-S	7.58	1.80
S-T	4.18	0.50
T-U	6.17	6.20
U-V	6.92	0.43

POINT	EX. ELEV.	PR. ELEV.
A	(643.49)	643.49
B	(643.55)	643.56
C	(643.58)	643.58
D	(643.55)	643.55
E	(643.70)	643.70
F	(643.84)	643.84
G	(644.00)	644.00
H	(644.16)	644.16
I	(644.18)	644.18
J	(644.16)	644.16
K	(644.15)	644.15
L	(643.73)	643.73
M	(643.21)	643.21
N	(643.19)	643.18
O	(643.35)	643.22
P	(644.08)	643.36
Q	(644.06)	643.80
R	(644.02)	643.84
S	(643.69)	643.70
T	(643.73)	643.68
U	(643.61)	643.29
V	(643.40)	643.26
W	(643.17)	643.22
X	(643.26)	643.26
Y	(642.95)	642.95

ADA - 33



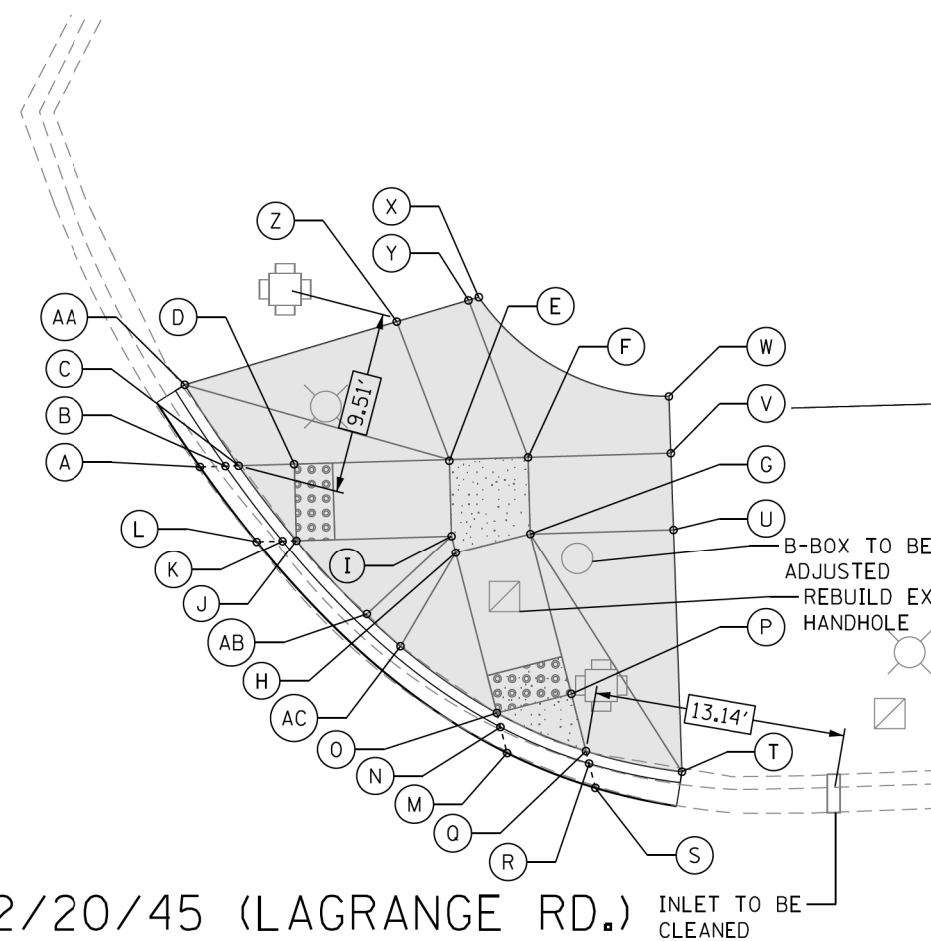
U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
H-K	7.68	1.70
H-O	9.00	0.77
I-J	7.72	1.94
J-K	7.18	1.00
P-Q	6.09	0.66
Q-R	5.00	1.00
R-S	7.50	4.00

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	7.58	2.64
A-P	5.17	1.75
A-R	7.52	0.00
B-C	5.29	3.78
B-S	8.25	1.09
C-D	8.35	1.32
D-E	9.00	0.00
D-S	5.16	2.91
E-F	5.00	4.40
F-G	7.50	2.93
F-S	9.00	0.00
G-H	5.00	1.00
G-R	9.00	0.77
H-I	5.17	1.75

POINT	EX. ELEV.	PR. ELEV.
A	(643.43)	643.03
B	(643.41)	643.23
C	(643.43)	643.43
D	(643.57)	643.57
E	(643.54)	643.54
F	(643.42)	643.32
G	(643.23)	643.10
H	(643.11)	643.05
I	(643.14)	643.14
J	(642.99)	642.99
K	(643.03)	642.92
L	(642.72)	642.88
M	(642.75)	642.88
N	(643.02)	642.94
O	(642.99)	642.90
P	(643.25)	642.94
Q	(643.20)	642.98
R	(643.32)	643.03
S	(643.44)	643.32

HILGROVE AVE.



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.89	0.70
C-AA	5.07	6.00
D-E	8.08	6.40
D-J	4.00	0.75
E-F	4.10	1.75
E-I	4.00	0.50
E-Z	7.69	0.39
F-G	4.00	1.75
F-V	7.43	0.54
F-Y	8.75	1.83
G-H	4.00	0.50
G-P	8.63	8.20
G-U	7.43	0.67
H-I	0.90	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
H-O	8.63	8.10
I-J	8.08	6.50
J-AB	5.33	5.63
AB-AC	2.43	0.00
AC-O	6.11	8.18
O-P	4.00	0.25
P-Q	3.07	1.63
Q-T	5.12	5.27
T-U	12.64	3.48
U-V	4.00	4.00
V-W	3.00	3.00
W-X	11.61	0.26
X-Y	0.56	0.00
Y-Z	3.90	5.13
Z-AA	11.51	2.35

POINT	EX. ELEV.	PR. ELEV.
A	(643.27)	643.30
B	(643.23)	643.28
C	(643.52)	643.32
D	(643.67)	643.34
E	(643.82)	643.86
F	(643.90)	643.93
G	(643.80)	643.86
H	(643.68)	643.84
I	(643.70)	643.84
J	(643.33)	643.31
K	(643.24)	643.27
L	(643.27)	643.28
M	(643.14)	643.14
N	(643.11)	643.10
O	(643.19)	643.14
P	(643.46)	643.15
Q	(643.35)	643.10
R	(643.05)	643.06
S	(643.09)	643.09
T	(643.37)	643.37
U	(643.81)	643.81
V	(643.97)	643.97
W	(644.07)	644.06
X	(644.09)	644.09
Y	(644.09)	644.09
Z	(643.89)	643.89
AA	(643.62)	643.62
AB	(643.31)	643.64
AC	(643.52)	643.64

HILGROVE AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM L
ELEV=643.37
SET CUT SQUARE ON EAST SIDE OF CONCRETE BASE OF LIGHT POLE AT SOUTHEAST CORNER OF HILGROVE AVE AND N LAGRANGE ROAD ABOUT 10 FT NORTH OF TRAFFIC CONTROL BOX ABOUT 10 FT EAST OF BACK OF CURB

REFERENCE CONTROL POINT ELEV : 642.95'
NORTHING : 1876005.301
EASTING : 1110668.144
CONTROL POINT NO : 111 (SET CROSS ON SOUTHEAST HILGROVE AVE & LAGRANGE RD)
LOCATION : SET CROSS ON SOUTHEAST HILGROVE AVE +/- 16.0' NORTH OF TRAFFIC SIGNAL POLE, 11.70' NORTHWEST OF NORTHWEST TRAFFIC SIGNAL POLE



AES Services, Inc.
111 S. Wacker Drive,
Suite 3910
Chicago, IL 60606
Ph: 312-23-6783

USER NAME = tnohmed
DESIGNED - TOM
DRAWN - LEG
CHECKED - AWM
DATE - 01/16/2018

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 34 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	57

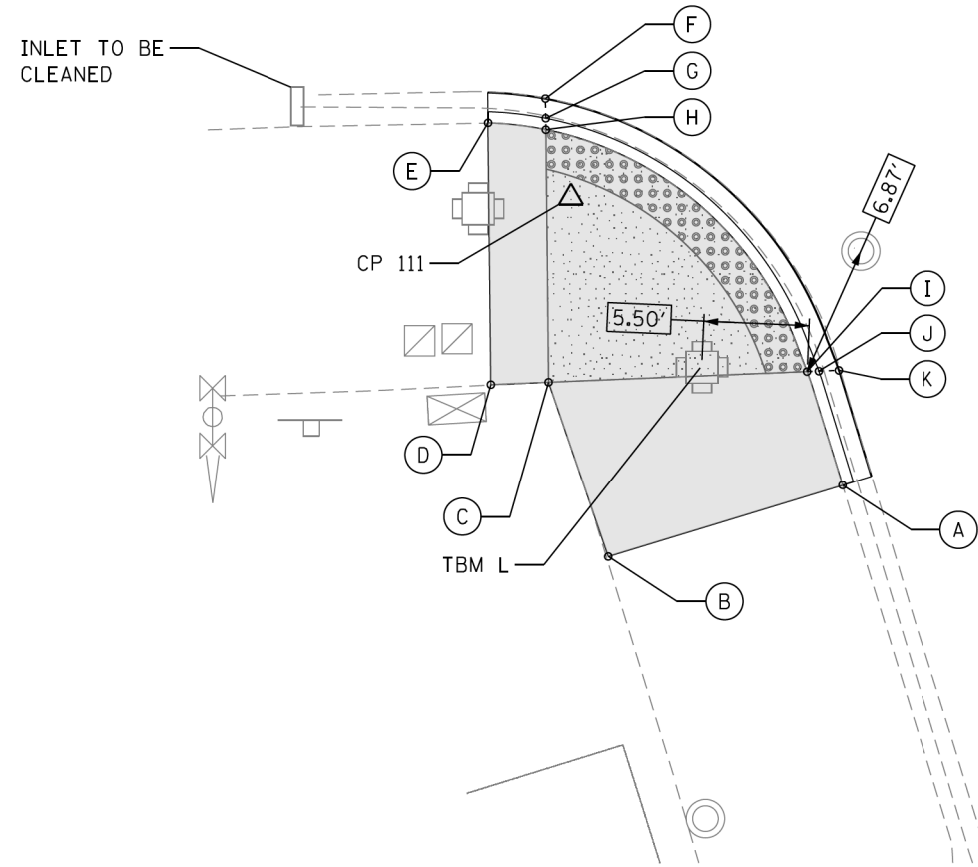
CONTRACT NO. 62F58

ILLINOIS FED. AID PROJECT

ADA - 34

P:\66616005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange_01CAD\08Sheet\62F58_ADA_Sheet_34.dgn

U.S. 12/20/45 (LAGRANGE RD.)

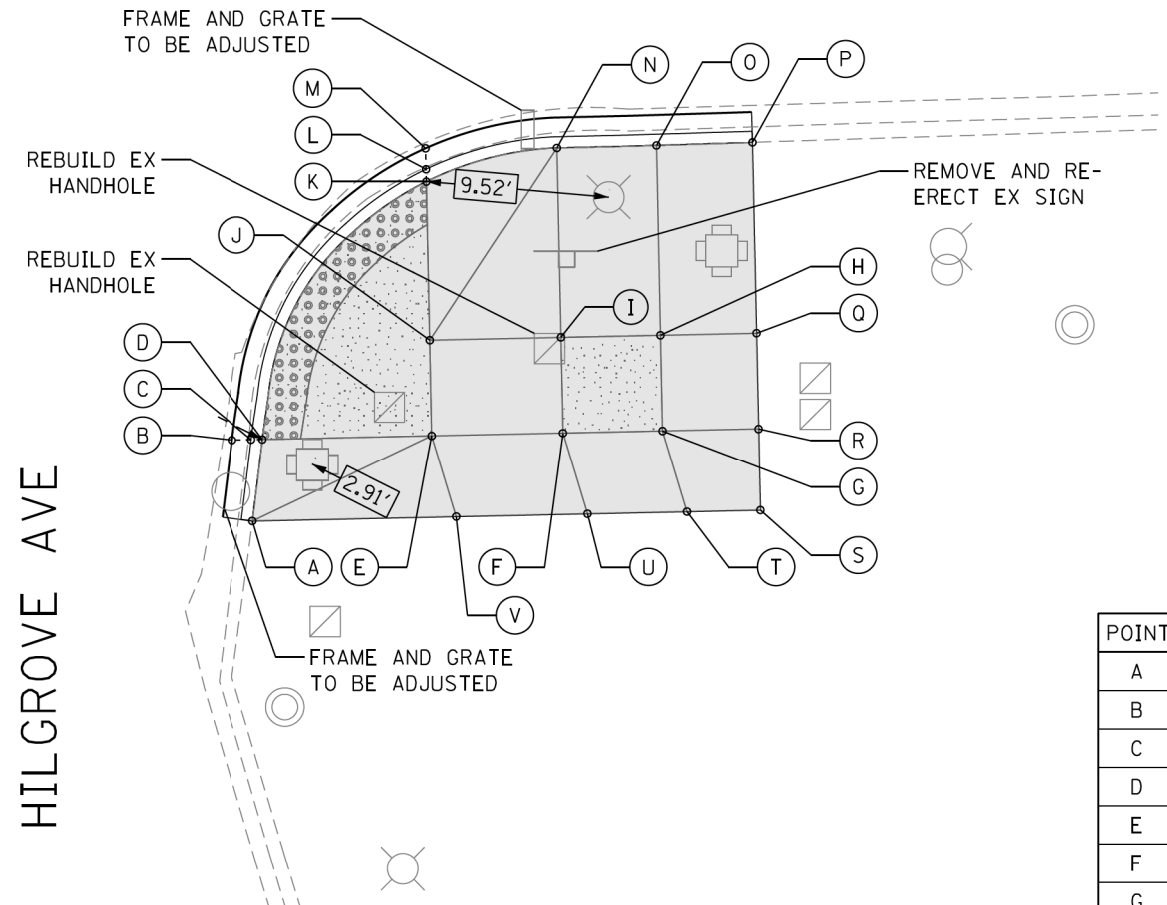


HILGROVE AVE

POINT	EX. ELEV.	PR. ELEV.
A	(643.36)	643.36
B	(643.49)	643.49
C	(643.12)	643.12
D	(643.13)	643.13
E	(643.09)	643.09
F	(642.86)	642.86
G	(642.83)	642.86
H	(642.88)	642.90
I	(643.32)	643.04
J	(642.99)	643.00
K	(643.02)	643.02

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	12.77	1.00
A-I	6.21	5.15
B-C	9.62	3.85
C-D	3.00	0.33
C-H	13.16	1.67
C-I	13.48	0.59
D-E	13.63	0.30
E-H	3.03	6.30
H-I	19.47	0.72

U.S. 12/20/45 (LAGRANGE RD.)



HILGROVE AVE

SEGMENT	LENGTH (FT)	SLOPE (%)
A-D	4.29	10.00
A-V	10.64	1.97
D-E	8.84	1.20
D-K	16.80	0.40
E-F	6.82	7.00
E-J	5.00	1.20
E-V	4.41	12.00
F-G	5.19	1.30
F-I	5.00	1.40
F-U	4.41	4.40
G-H	5.00	1.40
G-R	5.00	3.20
G-T	4.41	5.20
H-I	5.19	1.30

SEGMENT	LENGTH (FT)	SLOPE (%)
H-O	9.88	2.33
H-Q	5.00	2.00
I-J	6.82	6.90
I-N	9.86	2.23
J-K	8.25	1.20
K-N	7.05	5.60
N-O	5.19	1.16
O-P	5.00	1.20
P-Q	9.94	2.70
Q-R	5.00	2.70
R-S	4.25	2.70
S-T	3.81	1.31
T-U	5.19	2.08
U-V	6.82	2.08

POINT	EX. ELEV.	PR. ELEV.
A	(643.64)	643.64
B	(643.21)	643.21
C	(643.21)	643.17
D	(643.58)	643.21
E	(643.77)	643.32
F	(643.89)	643.80
G	(643.98)	643.87
H	(643.88)	643.80
I	(643.83)	643.73
J	(643.60)	643.26
K	(643.34)	643.15
L	(643.09)	643.11
M	(643.12)	643.12
N	(643.54)	643.51
O	(643.59)	643.57
P	(643.63)	643.63
Q	(643.90)	643.90
R	(644.03)	644.03
S	(644.15)	644.15
T	(644.10)	644.10
U	(643.99)	643.99
V	(643.85)	643.85

REFERENCE CONTROL POINT ELEV : 642.95'
 NORTHING : 1876005.301
 EASTING : 1110668.144
 CONTROL POINT NO : 111 (SET CROSS ON SOUTHEAST HILGROVE AVE & LAGRANGE RD)
 LOCATION : SET CROSS ON SOUTHEAST HILGROVE AVE +/- 16.0' NORTH OF TRAFFIC SIGNAL POLE, 11.70' NORTHWEST OF NORTHWEST TRAFFIC SIGNAL POLE

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM L
 ELEV=643.37
 SET CUT SQUARE ON EAST SIDE OF CONCRETE BASE OF LIGHT POLE AT SOUTHEAST CORNER OF HILGROVE AVE AND N LAGRANGE ROAD ABOUT 10 FT NORTH OF TRAFFIC CONTROL BOX ABOUT 10 FT EAST OF BACK OF CURB



AES Services, Inc.
 111 S. Wacker Drive,
 Suite 3910
 Chicago, IL 60606
 Ph: 312-23-6783

USER NAME = tnohmed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

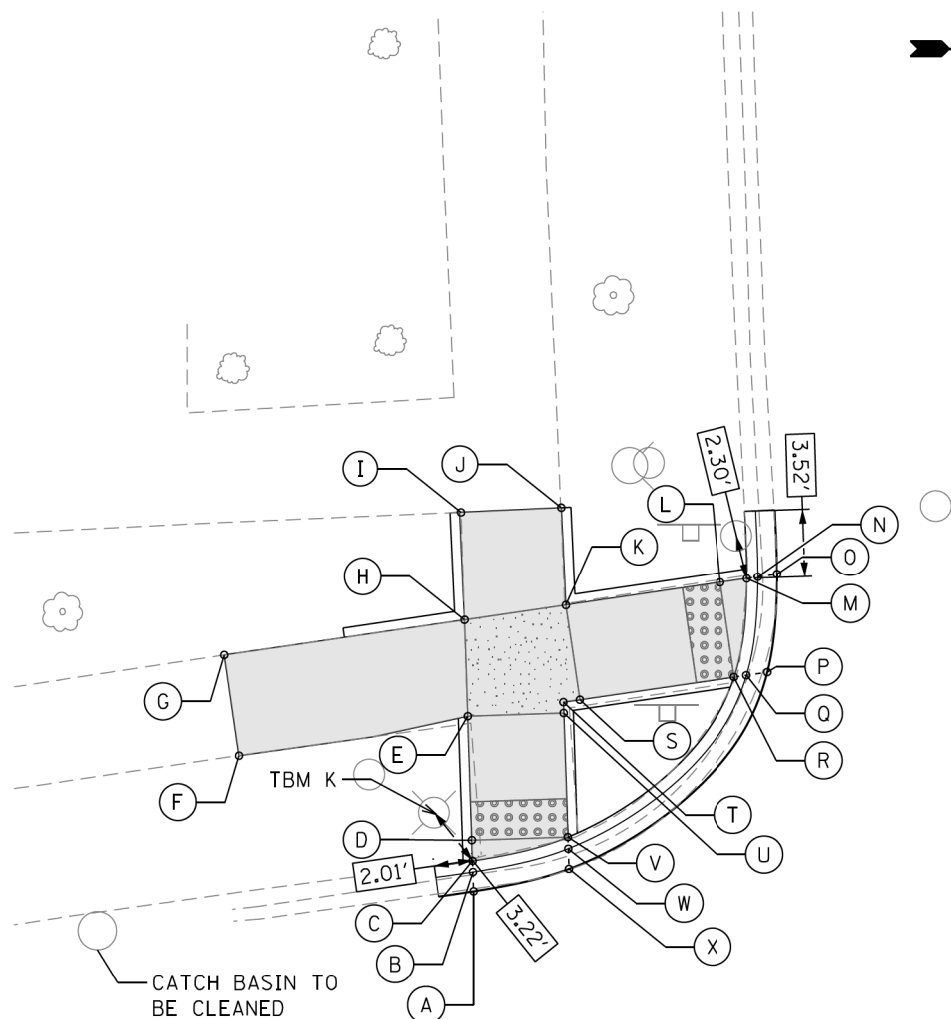
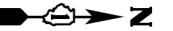
SCALE= 1:10 SHEET 35 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	58

CONTRACT NO. 62F58

ILLINOIS FED. AID PROJECT

P:\66616005\18-PTB177-004-W018-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_35.dgn



BREWSTER AVE

U.S. 12/20/45 (LAGRANGE RD.)

LEFT BLANK INTENTIONALLY

POINT	EX. ELEV.	PR. ELEV.
A	(641.61)	641.61
B	(641.62)	641.6
C	(641.80)	641.64
D	(641.93)	641.65
E	(642.29)	642.11
F	(642.50)	642.50
G	(642.82)	642.82
H	(642.58)	642.18
I	(642.64)	642.64
J	(642.57)	642.57
K	(642.53)	642.20
L	(641.96)	641.81
M	(641.86)	641.80
N	(641.80)	641.76
O	(641.81)	641.81
P	(641.75)	641.75
Q	(641.71)	641.71
R	(641.98)	641.75
S	(642.27)	642.13
T	(642.29)	642.13
U	(642.25)	642.13
V	(641.71)	641.67
W	(641.65)	641.63
X	(641.64)	641.64

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.07	1.00
D-E	6.46	7.12
D-V	5.00	0.40
E-F	12.08	3.10
E-H	5.00	1.40
E-U	5.00	0.40
F-G	5.30	6.00
G-H	12.65	5.00
H-I	5.63	8.17
H-K	5.33	0.38

SEGMENT	LENGTH (FT)	SLOPE (%)
I-J	5.30	1.32
J-K	5.10	7.25
K-L	8.14	4.79
K-S	5.00	1.40
L-M	1.41	0.71
L-R	5.00	1.20
R-S	8.14	4.60
S-T	0.87	0.00
T-U	0.87	0.00
U-V	6.46	7.12

REFERENCE CONTROL POINT ELEV : 642.07
 NORTHING : 1877288.00
 EASTING : 1110477.13
 CONTROL POINT NO : 110 (SET CROSS ON NORTHWEST BREWSTER AVE & LAGRANGE RD)
 LOCATION : SET CROSS ON NORTHWEST BREWSTER AVE +/- 8.50' WEST OF BACK OF CURB LINE ON WEST SIDE LAGRANGE AVE, +/- 11.50' NORTH OF BACK OF CURB LINE ON NORTH SIDE BREWSTER AVE

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM K
 ELEV=642.24
 SET CUT SQUARE ON NW CORNER OF CONCRETE BASE OF LIGHT POLE AT SOUTHWEST CORNER OF BREWSTER AVE AND LAGRANGE RD ABOUT 4.5 FT WEST OF BACK OF CURB AND ABOUT 13 FT SOUTH OF BACK OF CURB



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
PLLOT SCALE = 10.0000' / 1in.	DRAWN - LEG	REVISED -
PLLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

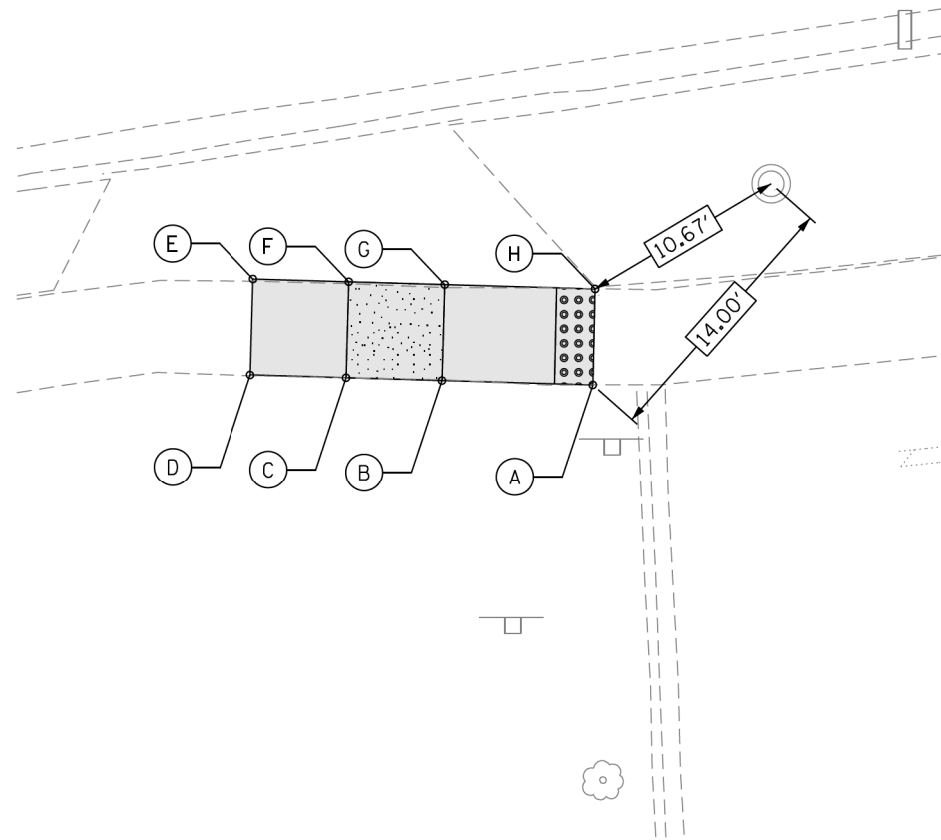
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 36 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	59
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

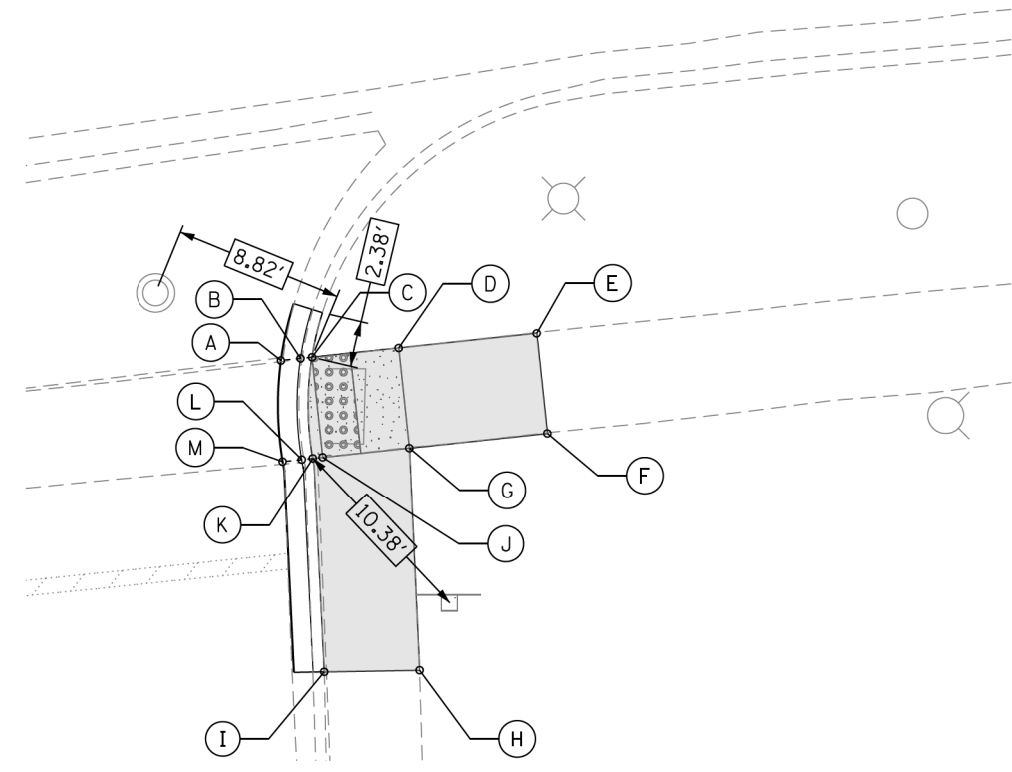
U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(642.38)	642.38
B	(642.49)	642.39
C	(642.39)	642.39
D	(642.35)	642.35
E	(642.13)	642.13
F	(642.21)	642.33
G	(642.33)	642.33
H	(642.33)	642.33

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	7.84	0.13
A-H	5.00	1.00
B-C	5.00	0.00
B-G	5.00	1.20
C-D	5.00	0.80
C-F	5.00	1.20
D-E	5.00	4.40
E-F	5.00	4.00
F-G	5.00	0.00
G-H	7.84	0.00

U.S. 12/20/45 (LAGRANGE RD.)



SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	4.54	1.50
C-J	5.25	0.76
D-E	7.23	0.55
D-G	5.25	0.95
E-F	5.25	2.47
F-G	7.23	3.05
G-H	11.61	4.00
G-J	4.54	1.50
H-I	5.00	2.21
I-K	11.16	3.60
J-K	0.52	1.92

POINT	EX. ELEV.	PR. ELEV.
A	(642.47)	642.47
B	(642.47)	642.43
C	(642.51)	642.47
D	(642.64)	642.54
E	(642.58)	642.58
F	(642.71)	642.71
G	(642.67)	642.49
H	(642.95)	642.95
I	(642.84)	642.84
J	(642.57)	642.43
K	(642.55)	642.42
L	(642.46)	642.38
M	(642.38)	642.38

P:\66616005\18-PTB177-004_M018-62F58-ADA_Ramp_La_Grange_01CAD\005Sheet\62F58_ADA_Sheet_37.dgn

REFERENCE CONTROL POINT ELEV : 642.07
 NORTHING : 1877288.00
 EASTING : 1110477.13
 CONTROL POINT NO : 110 (SET CROSS ON NORTHWEST BREWSTER AVE & LAGRANGE RD)
 LOCATION : SET CROSS ON NORTHWEST BREWSTER AVE +/- 8.50' WEST OF BACK OF CURB LINE ON WEST SIDE LAGRANGE AVE, +/- 11.50' NORTH OF BACK OF CURB LINE ON NORTH SIDE BREWSTER AVE

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM K
 ELEV=642.24
 SET CUT SQUARE ON NW CORNER OF CONCRETE BASE OF LIGHT POLE AT SOUTHWEST CORNER OF BREWSTER AVE AND LAGRANGE RD ABOUT 4.5 FT WEST OF BACK OF CURB AND ABOUT 13 FT SOUTH OF BACK OF CURB



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10,0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

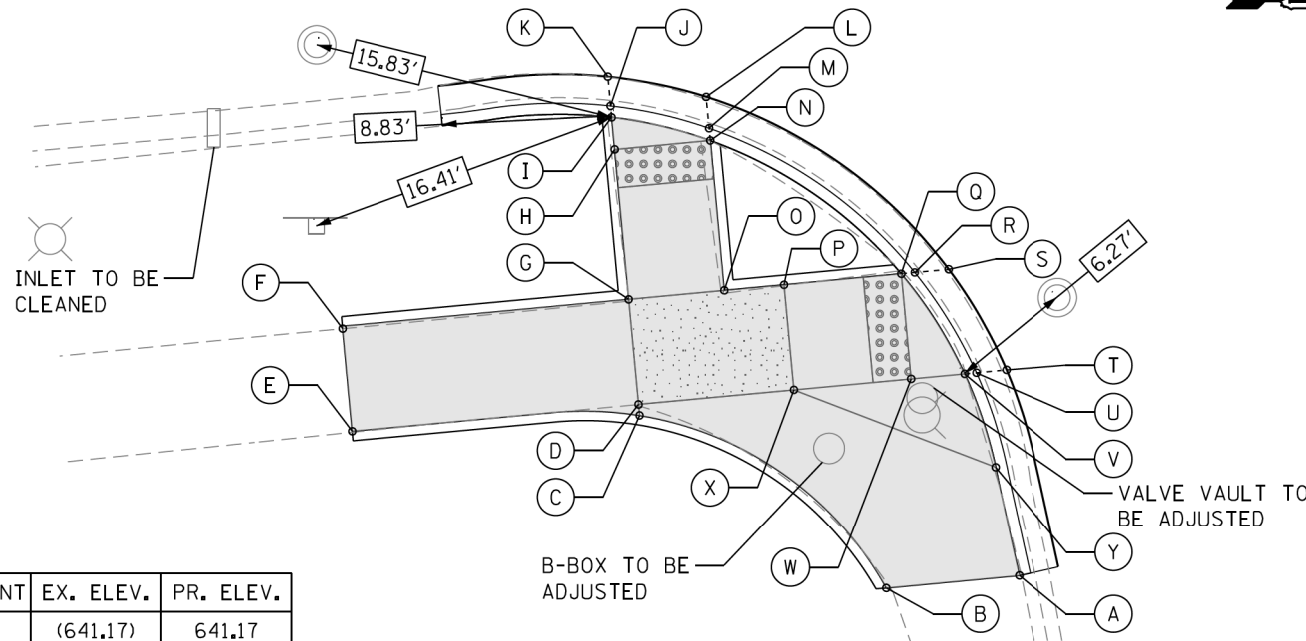
SCALE- 1:10 SHEET 37 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	60
CONTRACT NO. 62F58				

ADA - 37

ILLINOIS FED. AID PROJECT

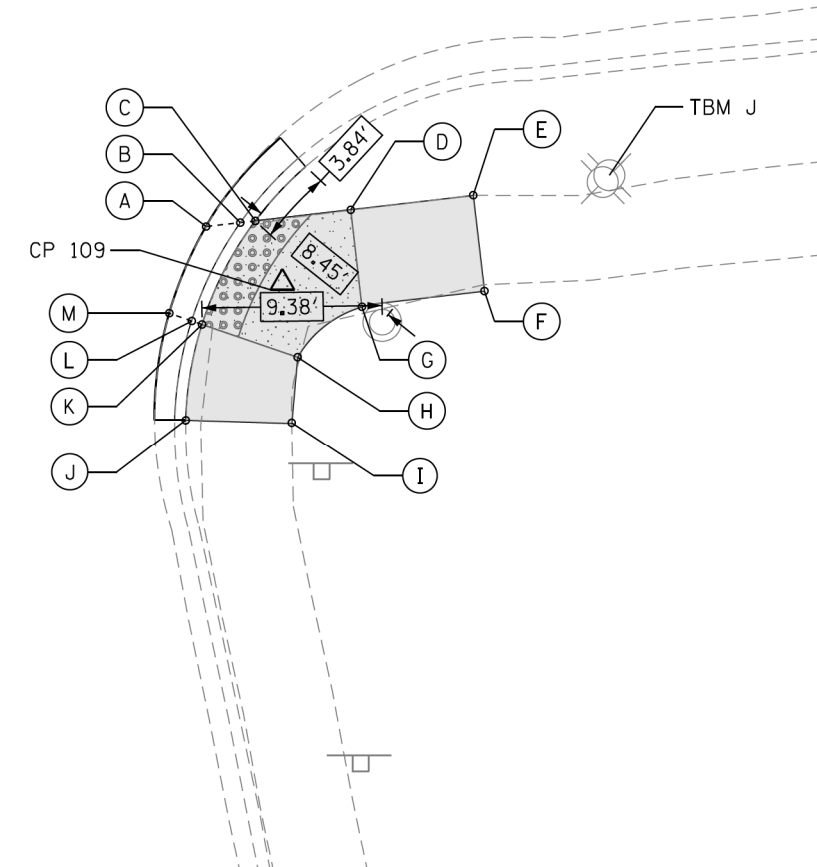
U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(641.17)	641.17
B	(641.54)	641.54
C	(642.13)	641.71
D	(642.11)	641.71
E	(642.61)	642.61
F	(642.40)	642.40
G	(641.94)	641.71
H	(641.89)	641.61
I	(641.93)	641.63
J	(641.78)	641.59
K	(641.71)	641.63
L	(641.60)	641.56
M	(641.61)	641.52
N	(641.85)	641.56
O	(641.78)	641.64
P	(641.61)	641.61
Q	(641.22)	641.18
R	(641.17)	641.14
S	(641.17)	641.17
T	(641.18)	641.10
U	(641.01)	641.10
V	(641.14)	641.14
W	(641.23)	641.18
X	(641.67)	641.61
Y	(641.20)	641.45

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	7.00	5.28
A-Y	5.80	2.90
B-C	16.24	1.05
C-D	0.58	0.00
D-E	15.00	6.00
D-G	5.50	0.00
D-X	8.12	1.23
E-F	5.50	3.82
F-G	15.00	4.50
G-H	7.83	1.02
G-O	5.00	1.40
H-I	1.68	0.00
H-N	5.00	1.40
N-O	7.83	1.02
O-P	3.12	0.96
P-Q	6.14	7.00
P-X	5.50	0.00
Q-W	5.50	0.00
V-W	2.80	1.43
V-Y	5.14	6.03
W-X	6.14	7.00

ELMWOOD AVE



POINT	EX. ELEV.	PR. ELEV.
A	(641.53)	641.47
B	(641.58)	641.44
C	(641.60)	641.48
D	(641.58)	641.53
E	(641.59)	641.59
F	(641.59)	641.59
G	(641.53)	641.53
H	(641.50)	641.49
I	(641.40)	641.40
J	(641.35)	641.35
K	(641.58)	641.41
L	(641.35)	641.37
M	(641.36)	641.40

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	5.00	1.00
C-K	6.09	1.15
D-E	6.42	0.93
D-G	5.00	0.00
E-F	5.00	0.00
F-G	6.42	0.93
G-H	4.36	0.90
H-I	3.47	2.60
H-K	5.25	1.50
I-J	5.50	1.10
J-K	5.08	1.18

P:\66616005\18-PTB177-004-WD18-62F58-ADA_Ramp_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_38.dgn

REFERENCE CONTROL POINT ELEV : 641.49'
 NORTHING : 1877664.67
 EASTING : 1110504.573
 CONTROL POINT NO : 109 (FIND CROSS AT NORTHEAST OF ELMWOOD & LAGRANGE RD)
 LOCATION : FIND CROSS AT PLYMOUTH PLACE & ELMWOOD AVE +/- 2.0' NORTH OF
 BACK OF CURB LINE ON NORTH SIDE PLYMOUTH PLACE, +/- 10.40' WEST
 WEST OF STOP SIGN ON NORTH SIDE PLYMOUTH PLACE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

TBM J
 ELEV=641.79
 SET CUT SQUARE ON EAST SIDE OF CONCRETE BASE OF LIGHT POLE ABOUT 5 FT EAST
 OF BACK OF CURB ABOUT 20 FT NW'LY OF STOP SIGN, NE'LY CORNER OF ELMWOOD AVE
 AND LAGRANGE



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10,0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

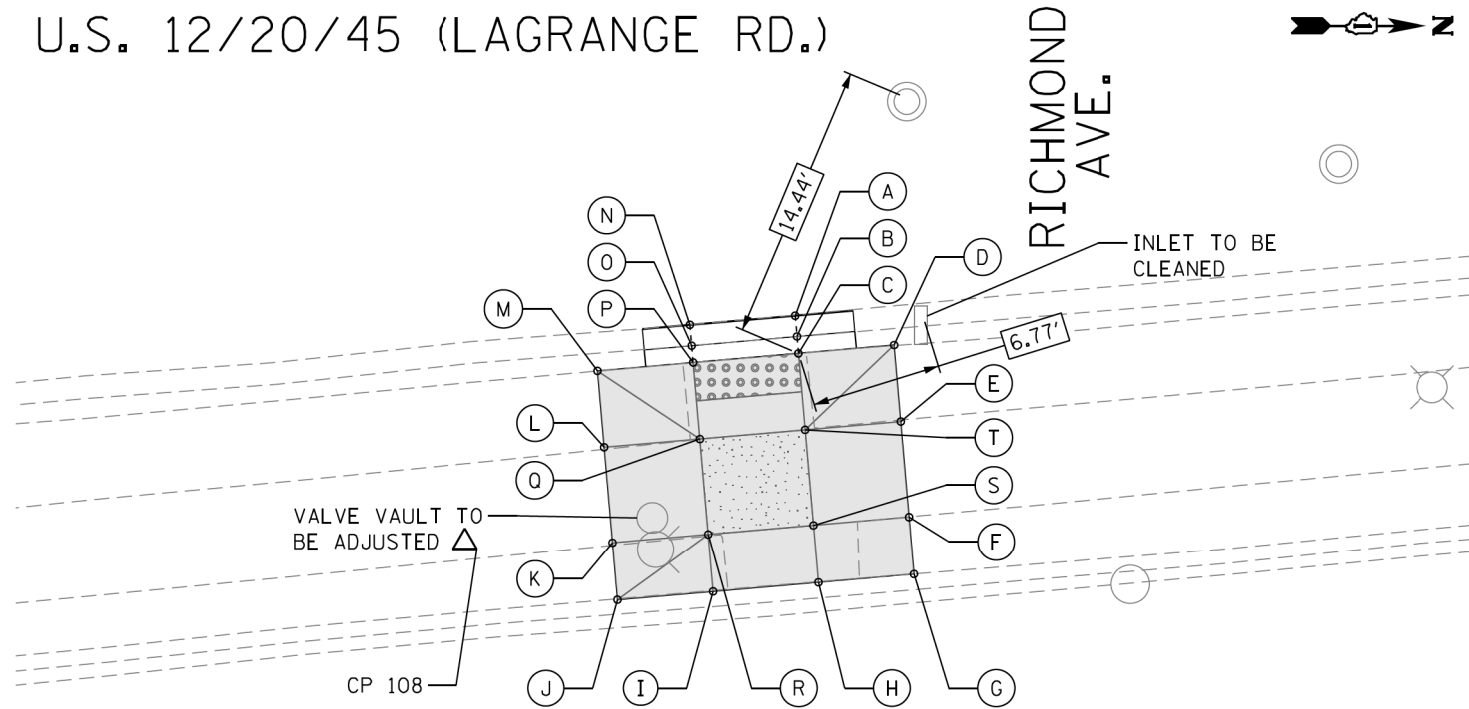
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 38 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	61
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 38

U.S. 12/20/45 (LAGRANGE RD.)

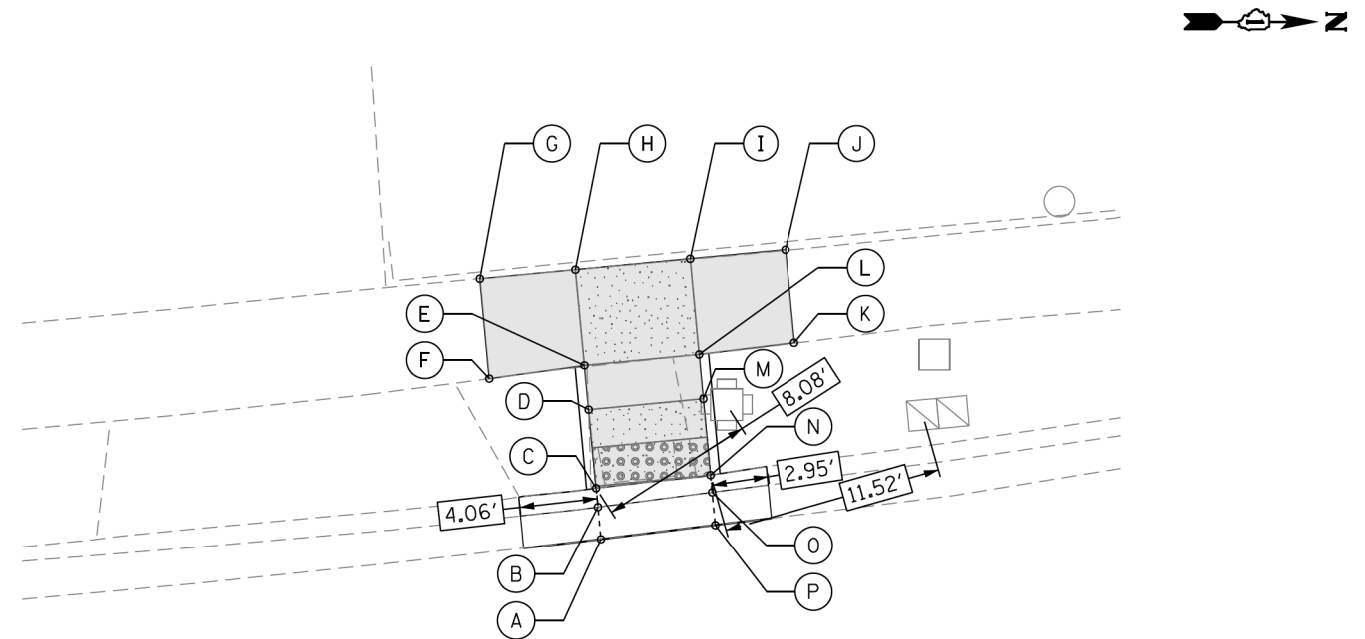


POINT	EX. ELEV.	PR. ELEV.
A	(643.34)	643.30
B	(643.28)	643.25
C	(643.46)	643.29
D	(643.76)	643.76
E	(643.19)	643.19
F	(643.03)	643.03
G	(642.82)	642.82
H	(643.83)	642.83
I	(642.77)	642.77
J	(642.81)	642.81
K	(642.95)	642.95
L	(643.06)	643.06
M	(643.72)	643.72
N	(643.30)	643.28
O	(643.25)	643.23
P	(643.41)	643.27
Q	(643.09)	643.31
R	(642.97)	643.31
S	(642.96)	643.33
T	(643.16)	643.33

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	5.00	9.40
C-P	5.50	0.36
C-T	4.00	1.00
D-E	4.00	14.30
E-F	5.00	3.40
E-T	5.00	2.80
F-G	3.00	6.70
F-S	5.00	6.20
G-H	5.00	0.20
H-I	5.50	1.10
H-S	3.00	16.70
I-J	5.00	0.80

SEGMENT	LENGTH (FT)	SLOPE (%)
I-R	3.00	18.00
J-K	3.00	7.00
K-L	5.00	2.20
K-R	5.00	7.20
L-M	4.00	16.50
L-Q	5.00	5.00
P-Q	4.00	1.00
Q-T	5.50	0.36
Q-R	5.00	0.00
R-S	5.50	0.36
S-T	5.00	0.00

HOMESTEAD RD.



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(642.41)	642.39
B	(642.28)	642.31
C	(642.54)	642.35
D	(642.65)	642.41
E	(642.67)	642.57
F	(642.61)	642.61
G	(642.75)	642.75
H	(642.78)	642.64
I	(642.85)	642.62
J	(642.90)	642.90
K	(642.85)	642.85
L	(642.77)	642.55
M	(642.87)	642.39
N	(642.64)	642.33
O	(642.25)	642.29
P	(642.39)	642.37

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	4.00	1.50
C-N	6.00	0.33
D-E	2.33	6.90
D-M	6.00	0.33
E-F	5.00	0.80
E-H	5.00	1.40
E-L	6.00	0.33
F-G	5.22	2.68
G-H	5.00	2.20
H-I	6.00	0.33
I-J	5.00	5.60
I-L	5.00	1.40
J-K	4.83	1.04
K-L	5.00	6.00
L-M	2.33	6.90
M-N	4.00	1.50

REFERENCE CONTROL POINT ELEV : 642.89', N : 1877870.89, E : 1116483.96
 CONTROL POINT NO : 108
 LOCATION : SET CROSS +/- 25.0' SOUTH OF A FIRE HYD, +/- 7.70' EAST OF BACK OF CURB LINE ON EAST SIDE LAGRANGE RD ACROSS FROM RICHMOND.
 TBM I, ELEV=643.05
 SET CUT ON EAST SIDE OF CONCRETE BASE OF LIGHT POLE ABOUT 6 FT EAST OF EAST BACK OF CURB OF LAGRANGE AND ABOUT 50 FT SOUTH OF SOUTH LINE OF RICHMOND.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

REFERENCE CONTROL POINT ELEV : 644.26', N : 1878233.164, E : 1110448.915
 CONTROL POINT NO : 107
 LOCATION : SET CROSS +/- 85.0' NORTH OF NORTHEAST OF HOMESTEAD ACROSS FROM SOUTHWEST OF PINE ST, +/- 10.30' EAST OF BACK OF CURB LINE ON E SIDE LAGRANGE.
 TBM H, ELEV=644.00
 SET CUT SQUARE ON EAST SIDE OF CONCRETE LIGHT POLE BASE AT NORTHEAST CORNER OF HOMESTEAD RD AND LAGRANGE ROAD ABOUT 5.5 FT EAST OF BACK OF CURB & ABOUT 30 FT NORTH OF NORTH BACK OF CURB OF HOMESTEAD ROAD



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

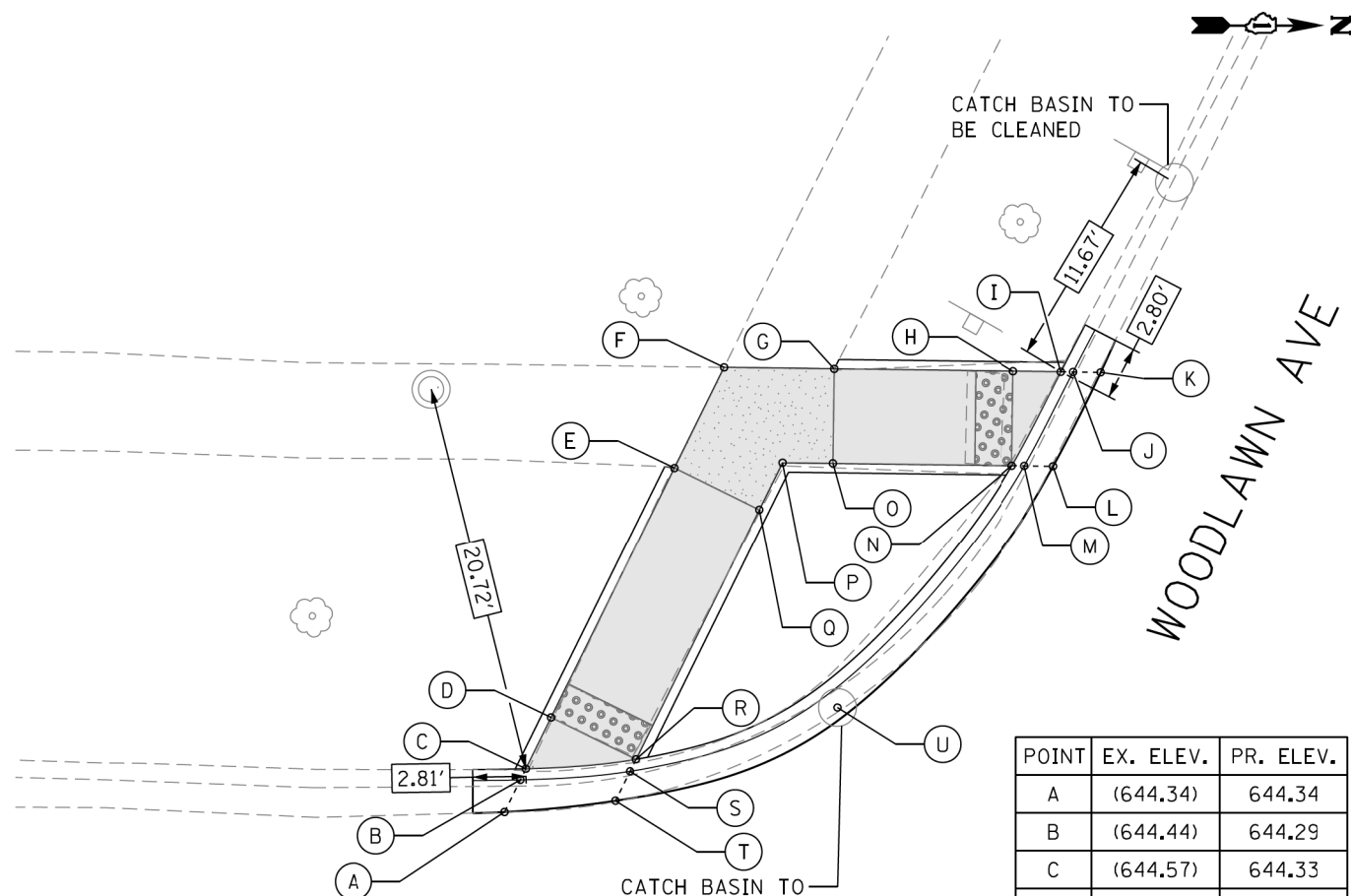
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 39 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	62
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

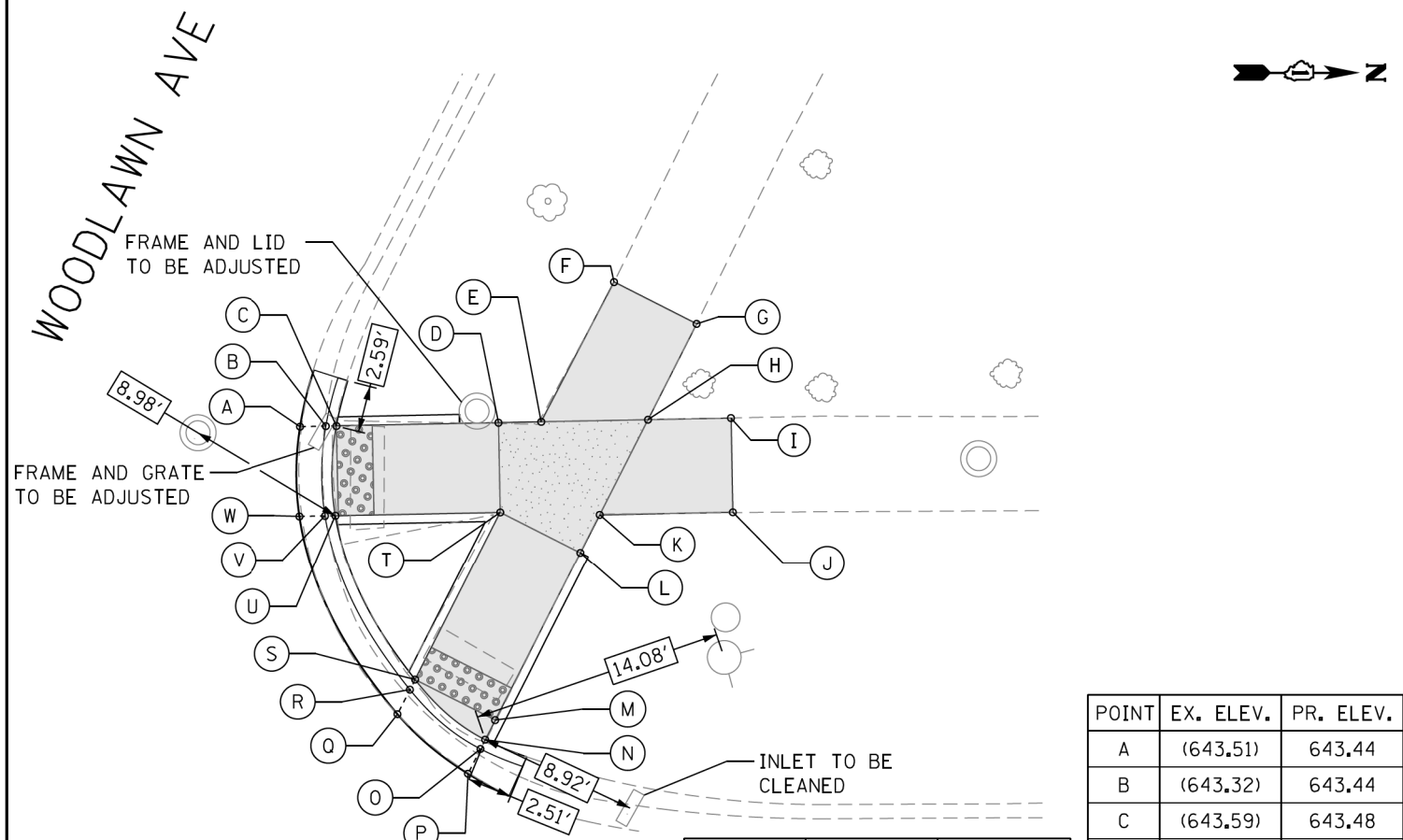
P:\66516005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange_01CAD\005Sheet_62F58_ADA_Sheet_39.dgn



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	3.00	1.00
D-E	14.75	1.22
D-R	5.00	1.20
E-F	5.94	0.67
E-Q	5.00	0.80
F-G	5.82	1.37
G-H	9.50	6.00
G-O	5.00	0.00
H-I	2.53	1.19
H-N	5.00	0.00
N-O	9.50	6.00
O-P	2.66	1.13
P-Q	2.78	1.08
Q-R	14.75	1.36

POINT	EX. ELEV.	PR. ELEV.
A	(644.34)	644.34
B	(644.44)	644.29
C	(644.57)	644.33
D	(644.57)	644.36
E	(644.54)	644.54
F	(644.58)	644.58
G	(644.50)	644.50
H	(644.18)	643.93
I	(643.93)	643.90
J	(643.81)	643.86
K	(643.87)	643.87
L	(643.93)	643.93
M	(643.85)	643.89
N	(643.99)	643.93
O	(644.40)	644.50
P	(644.46)	644.53
Q	(644.47)	644.50
R	(644.51)	644.30
S	(644.28)	644.26
T	(644.27)	644.27
U	(644.09)	644.09



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	9.03	7.09
C-U	5.00	0.60
D-E	2.38	1.26
D-T	5.00	0.60
E-F	8.78	3.42
E-H	6.00	1.50
F-G	5.16	0.58
G-H	6.00	4.00
H-I	4.62	3.90
H-K	6.00	0.33
I-J	5.25	1.90
J-K	7.42	1.35
K-L	2.38	0.42
L-M	10.50	4.67
L-T	5.00	1.20
M-N	1.22	0.82
M-S	5.00	1.40
S-T	10.50	4.76
T-U	9.03	7.09

POINT	EX. ELEV.	PR. ELEV.
A	(643.51)	643.44
B	(643.32)	643.44
C	(643.59)	643.48
D	(644.23)	644.12
E	(644.38)	644.15
F	(644.45)	644.45
G	(644.48)	644.48
H	(644.40)	644.24
I	(644.42)	644.42
J	(644.32)	644.32
K	(644.30)	644.22
L	(644.25)	644.21
M	(644.03)	643.72
N	(643.99)	643.71
O	(643.75)	643.67
P	(643.72)	643.72
Q	(643.61)	643.61
R	(643.61)	643.61
S	(643.82)	643.65
T	(644.20)	644.15
U	(643.49)	643.51
V	(643.38)	643.47
W	(643.47)	643.47

REFERENCE CONTROL POINT ELEV : 644.26'
 NORTHING : 1878589.76
 EASTING : 1110275.812
 CONTROL POINT NO : 106 (FOUND CROSS @ NORTHEAST WOODLAWN & LAGRANGE RD)
 LOCATION : FOUND CROSS @ NORTHEAST WOODLAWN +/- 8.40' EAST OF BACK OF CURB LINE ON EAST SIDE LAGRANGE RD, +/- 12.0' NORTH OF BACK OF CURB LINE ON WEST SIDE WOODLAWN AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM G
 ELEV=644.99
 SET CUT SQUARE ON NORTH SIDE OF CONCRETE LIGHT POLE BASE AT SOUTHEAST CORNER OF WOODLAWN AVE AND LAGRANGE ROAD ABOUT 3.0 FT EAST OF BACK OF CURB AND ABOUT 12 FT SOUTH OF SOUTH BACK OF CURB OF STRIP MALL ENTRANCE



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

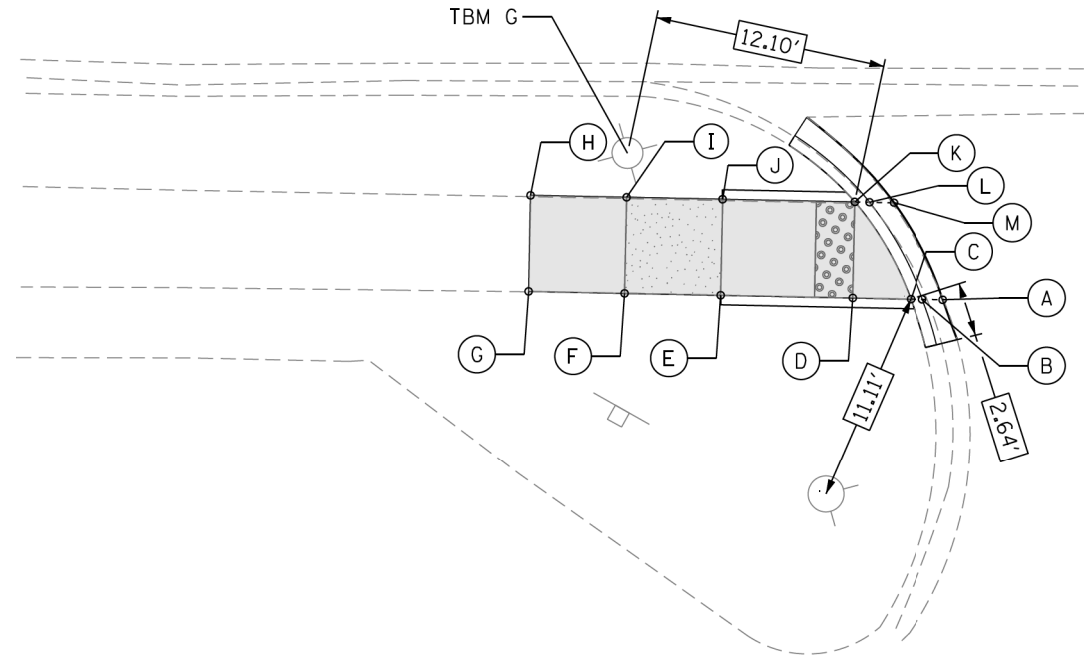
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 40 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 63
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

P:\66616005\18-PTB177-004_WD18-62F58-ADA_Ramp_La_Grange\01CAD\00Sheet\62F58_ADA_Sheet_40.dgn

ADA - 40

U.S. 12/20/45 (LAGRANGE RD.)

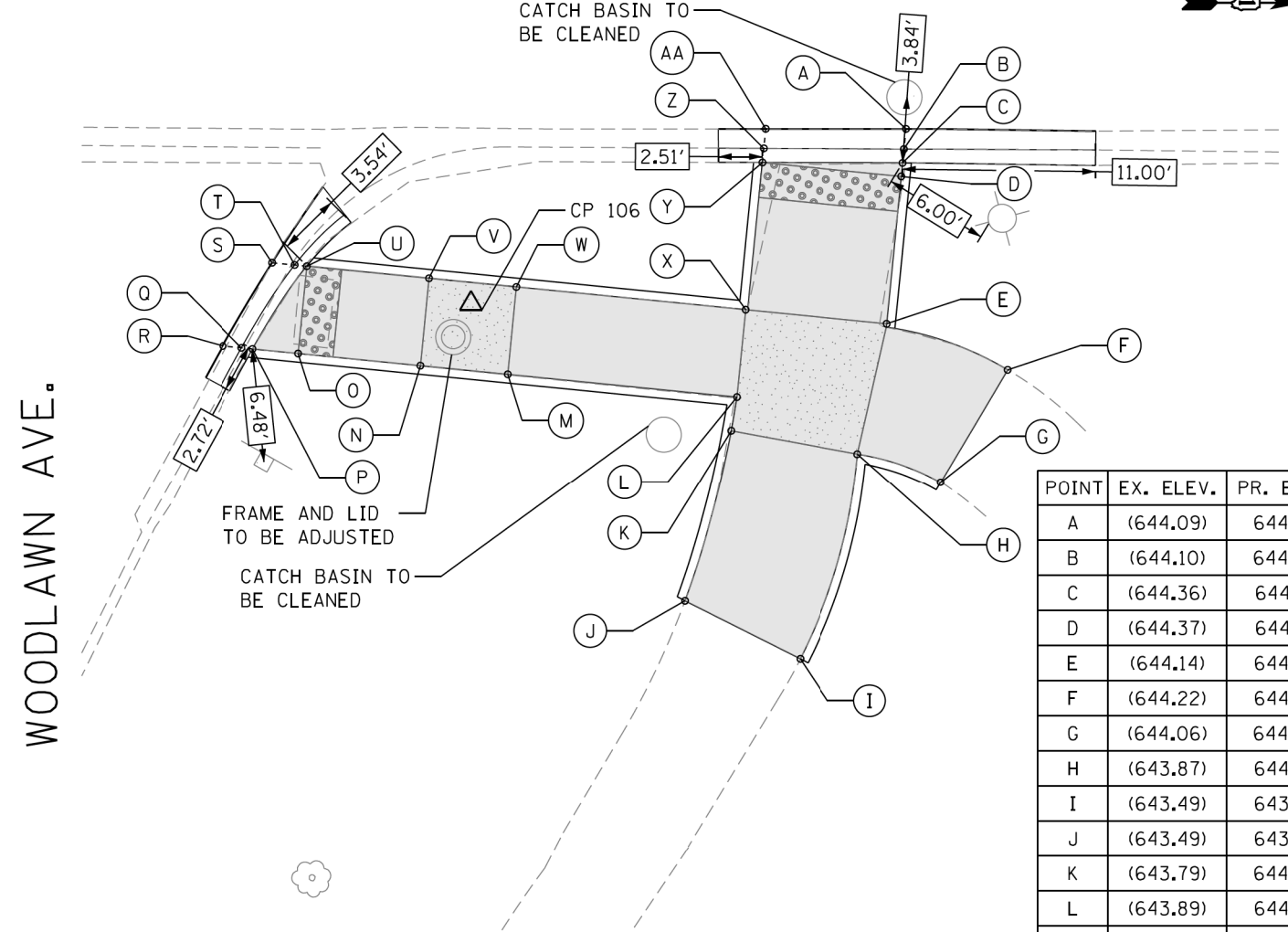


WOODLAWN AVE.

POINT	EX. ELEV.	PR. ELEV.
A	(644.09)	644.17
B	(644.17)	644.17
C	(644.31)	644.21
D	(644.36)	644.23
E	(644.55)	644.56
F	(644.69)	644.62
G	(644.73)	644.73
H	(644.87)	644.87
I	(644.82)	644.62
J	(644.66)	644.56
K	(644.42)	644.23
L	(644.18)	644.19
M	(644.23)	644.23

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	3.00	0.67
D-E	6.88	4.80
D-K	5.00	0.00
E-F	5.00	1.20
E-J	5.00	0.00
F-G	5.00	2.20
F-I	5.00	0.00
G-H	5.00	2.80
H-I	5.00	5.00
I-J	5.00	1.20
J-K	6.88	4.90

U.S. 12/20/45 (LAGRANGE RD.)



WOODLAWN AVE.

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.77	0.00
D-E	8.44	1.42
D-Y	8.00	0.63
E-F	7.38	0.00
E-H	7.43	0.40
E-X	8.00	0.13
F-G	7.48	2.14
G-H	5.27	3.61
H-I	12.23	6.20
H-K	7.35	0.68
I-J	7.36	0.00
J-K	10.12	8.00
K-L	2.00	1.00

SEGMENT	LENGTH (FT)	SLOPE (%)
L-M	13.13	2.51
L-X	5.00	1.00
M-N	5.00	1.00
M-W	5.00	0.00
N-O	7.00	3.57
N-V	5.00	0.00
O-P	2.62	1.15
O-U	5.00	0.00
U-V	7.00	3.57
V-W	5.00	1.00
W-X	13.13	2.89
X-Y	8.44	1.42

POINT	EX. ELEV.	PR. ELEV.
A	(644.09)	644.09
B	(644.10)	644.06
C	(644.36)	644.10
D	(644.37)	644.10
E	(644.14)	644.22
F	(644.22)	644.22
G	(644.06)	644.06
H	(643.87)	644.25
I	(643.49)	643.49
J	(643.49)	643.49
K	(643.79)	644.30
L	(643.89)	644.28
M	(644.11)	644.61
N	(644.19)	644.56
O	(644.30)	644.31
P	(644.33)	644.28
Q	(644.22)	644.24
R	(644.24)	644.24
S	(644.36)	644.28
T	(644.37)	644.27
U	(644.41)	644.31
V	(644.32)	644.56
W	(644.26)	644.61
X	(644.09)	644.23
Y	(644.61)	644.15
Z	(644.13)	644.11
AA	(644.16)	644.16

P:\66516005\18-PTB177-004_WD18-62F58-ADA_Ramps_La_Grange\01CAD\005Sheet\22F58_ADA_Sheet_41.dgn

REFERENCE CONTROL POINT ELEV : 644.26'
 NORTHING : 1878589.76
 EASTING : 1110275.812
 CONTROL POINT NO : 106 (FOUND CROSS @ NORTHEAST WOODLAWN & LAGRANGE RD)
 LOCATION : FOUND CROSS @ NORTHEAST WOODLAWN +/- 8.40' EAST OF BACK OF CURB LINE ON EAST SIDE LAGRANGE RD, +/- 12.0' NORTH OF BACK OF CURB LINE ON WEST SIDE WOODLAWN AVE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE
- REPLACE W/TOPSOIL & SOD

TBM G
 ELEV=644.99
 SET CUT SQUARE ON NORTH SIDE OF CONCRETE LIGHT POLE BASE AT SOUTHEAST CORNER OF WOODLAWN AVE AND LAGRANGE ROAD ABOUT 3.0 FT EAST OF BACK OF CURB AND ABOUT 12 FT SOUTH OF SOUTH BACK OF CURB OF STRIP MALL ENTRANCE



USER NAME = tnohmed	DESIGNED - TOM	REVISED -
DESIGNED - TOM	DRAWN - LEG	REVISED -
PLLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

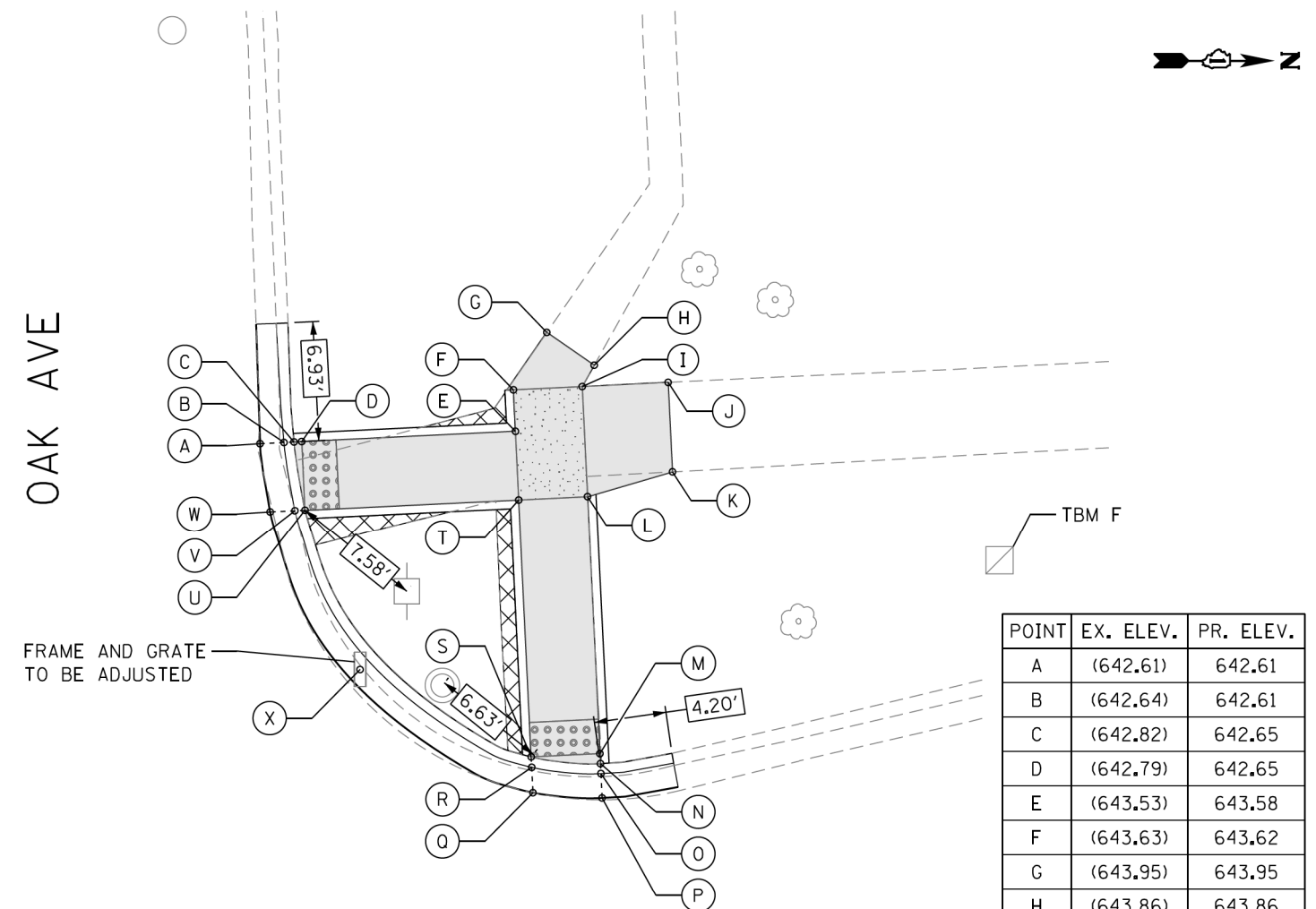
SCALE- 1:10 SHEET 41 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 64
CONTRACT NO. 62F58			ADA - 41	
ILLINOIS FED. AID PROJECT				

LEFT BLANK INTENTIONALLY

OAK AVE

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(642.61)	642.61
B	(642.64)	642.61
C	(642.82)	642.65
D	(642.79)	642.65
E	(643.53)	643.58
F	(643.63)	643.62
G	(643.95)	643.95
H	(643.86)	643.86
I	(643.72)	643.68
J	(643.68)	643.68
K	(643.61)	643.61
L	(643.53)	643.58
M	(642.79)	642.77
N	(642.84)	642.77
O	(642.74)	642.73
P	(642.74)	642.74
Q	(642.69)	642.69
R	(642.70)	642.68
S	(642.77)	642.72
T	(643.38)	643.52
U	(642.69)	642.59
V	(642.55)	642.55
W	(642.55)	642.55
X	(642.41)	642.41

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.45	0.00
D-E	12.43	7.48
D-U	4.00	1.50
E-F	2.41	1.66
E-T	4.00	1.50
F-G	4.09	8.07
F-I	4.00	1.50
G-H	3.35	2.69
H-I	1.43	12.59

SEGMENT	LENGTH (FT)	SLOPE (%)
I-J	5.00	0.00
I-L	6.41	1.56
J-K	5.21	1.34
K-L	5.14	0.58
L-M	15.00	5.40
L-T	4.00	1.50
M-N	0.58	0.00
M-S	4.00	1.25
S-T	15.00	5.33
T-U	12.43	7.48

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM F
ELEV=643.55
SET CUT SQUARE ON CONCRETE PAD OF TRAFFIC SIGNAL HANDHOLE AT NORTHWEST CORNER OF OAK AVE AND LAGRANGE RD ABOUT 10 FT WEST OF BACK OF CURB AND ABOUT 45 FT NORTH OF BACK OF CURB OF OAK AVE

REFERENCE CONTROL POINT ELEV : 643.12
NORTHING : 1879197.93
EASTING : 1109942.79
CONTROL POINT NO : 105 (SET CROSS ON SOUTHWEST OAK AVE)
LOCATION : SET CROSS ON SOUTHWEST OAK AVE 5.0' WEST OF BACK OF CURB LINE ON WEST SIDE LAGRANGE RD, +/- 16.70' EAST OF BACK OF CURB LINE ON WEST SIDE OF LAGRANGE RD.



USER NAME = tnohmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in.	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 42 OF 50 SHEETS STA. TO STA.

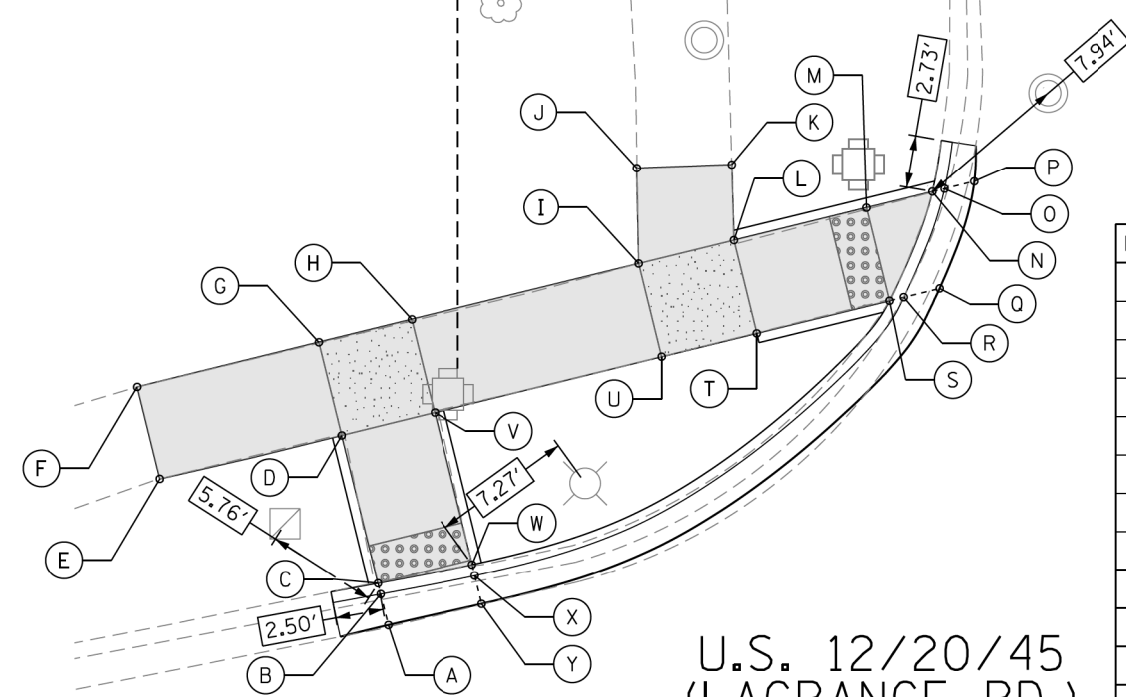
F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 65
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

ADA - 42

P:\66616005\18-PTB177-004-W018-62F58-ADA_Ramps_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_42.dgn

MEP FOR THIS RAMP



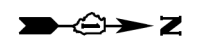
U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	7.93	1.26
C-W	5.00	0.60
D-E	10.00	0.90
D-G	5.00	0.00
D-V	5.00	1.00
E-F	5.00	1.00
F-G	10.00	0.40
G-H	5.00	0.00
H-I	12.19	2.71
H-V	5.00	1.00
I-J	5.00	1.60
I-L	5.00	1.00

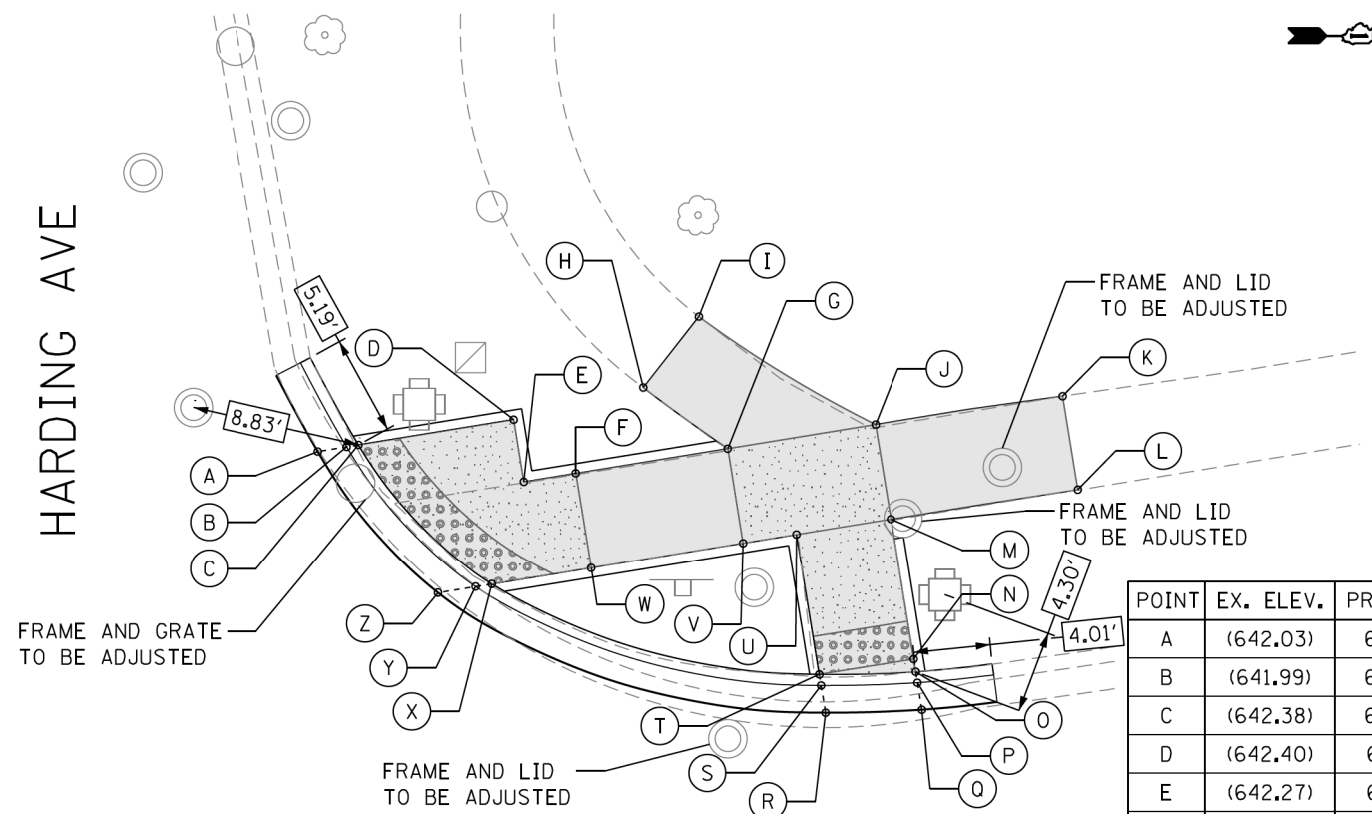
SEGMENT	LENGTH (FT)	SLOPE (%)
I-U	5.00	1.00
J-K	5.00	2.00
K-L	4.00	0.75
L-M	7.11	6.19
L-T	5.00	1.00
M-N	3.53	1.42
M-S	5.00	0.00
S-T	7.11	5.49
T-U	5.00	1.00
U-V	12.19	2.71
V-W	7.93	1.01

POINT	EX. ELEV.	PR. ELEV.
A	(643.10)	643.10
B	(643.16)	643.10
C	(643.36)	643.14
D	(643.25)	643.24
E	(643.33)	643.33
F	(643.28)	643.28
G	(643.21)	643.24
H	(643.20)	643.24
I	(643.10)	642.91
J	(642.99)	642.99
K	(642.89)	642.89
L	(643.01)	642.86
M	(642.68)	642.42
N	(642.57)	642.37
O	(642.35)	642.33
P	(642.33)	642.33
Q	(642.50)	642.42
R	(642.50)	642.38
S	(642.89)	642.42
T	(642.95)	642.81
U	(643.06)	642.86
V	(643.17)	643.19
W	(643.23)	643.11
X	(643.08)	643.07
Y	(643.08)	643.08

HARDING AVE



HARDING AVE



U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	8.19	1.34
C-X	10.00	1.10
D-E	3.28	0.00
E-F	2.75	1.09
F-W	5.00	0.00
F-G	8.00	6.38
G-H	5.50	4.91
G-J	7.82	1.41
H-I	4.70	1.91
I-J	10.80	2.69
J-K	9.87	3.24

SEGMENT	LENGTH (FT)	SLOPE (%)
J-M	5.00	0.00
K-L	5.00	1.40
L-M	9.87	3.95
M-N	7.40	1.08
M-U	5.00	1.40
N-O	0.67	0.00
N-T	5.00	1.40
T-U	7.40	1.08
U-V	2.82	1.42
V-W	8.00	6.38
W-X	5.25	0.57

POINT	EX. ELEV.	PR. ELEV.
A	(642.03)	642.03
B	(641.99)	642.03
C	(642.38)	642.07
D	(642.40)	642.18
E	(642.27)	642.18
F	(642.31)	642.21
G	(642.44)	642.72
H	(642.45)	642.45
I	(642.54)	642.54
J	(642.51)	642.83
K	(642.51)	642.51
L	(642.44)	642.44
M	(642.51)	642.83
N	(642.94)	642.75
O	(643.01)	642.75
P	(642.87)	642.71
Q	(642.80)	642.72
R	(642.70)	642.68
S	(642.75)	642.64
T	(642.93)	642.68
U	(642.42)	642.76
V	(642.41)	642.72
W	(642.41)	642.21
X	(642.41)	642.18
Y	(642.16)	642.14
Z	(642.20)	642.18

REFERENCE CONTROL POINT ELEV : 642.00'
 NORTHING : 1879847.141
 EASTING : 1109857.744
 CONTROL POINT NO : 104 (FOUND CROSS @ SOUTHEAST HARDING AVE & LAGRANGE RD)
 LOCATION : FOUND CROSS @ SOUTHEAST HARDING AVE +/- 10.40 WEST OF BACK OF WALK ON EAST SIDE LAGRANGE RD, +/- 10.80' NORTHEAST OF TRAFFIC SIGNAL POLE.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM E
 ELEV=642.82
 SET CUT SQUARE ON NORTH EDGE OF CONCRETE BASE OF LIGHT POLE AT SOUTHEAST CORNER OF HARDING AVE AND LAGRANGE RD ABOUT 3 FT EAST OF BACK OF CURB AND ABOUT 20 FT SOUTH OF ROW OF HARDING AVE



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1in.	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

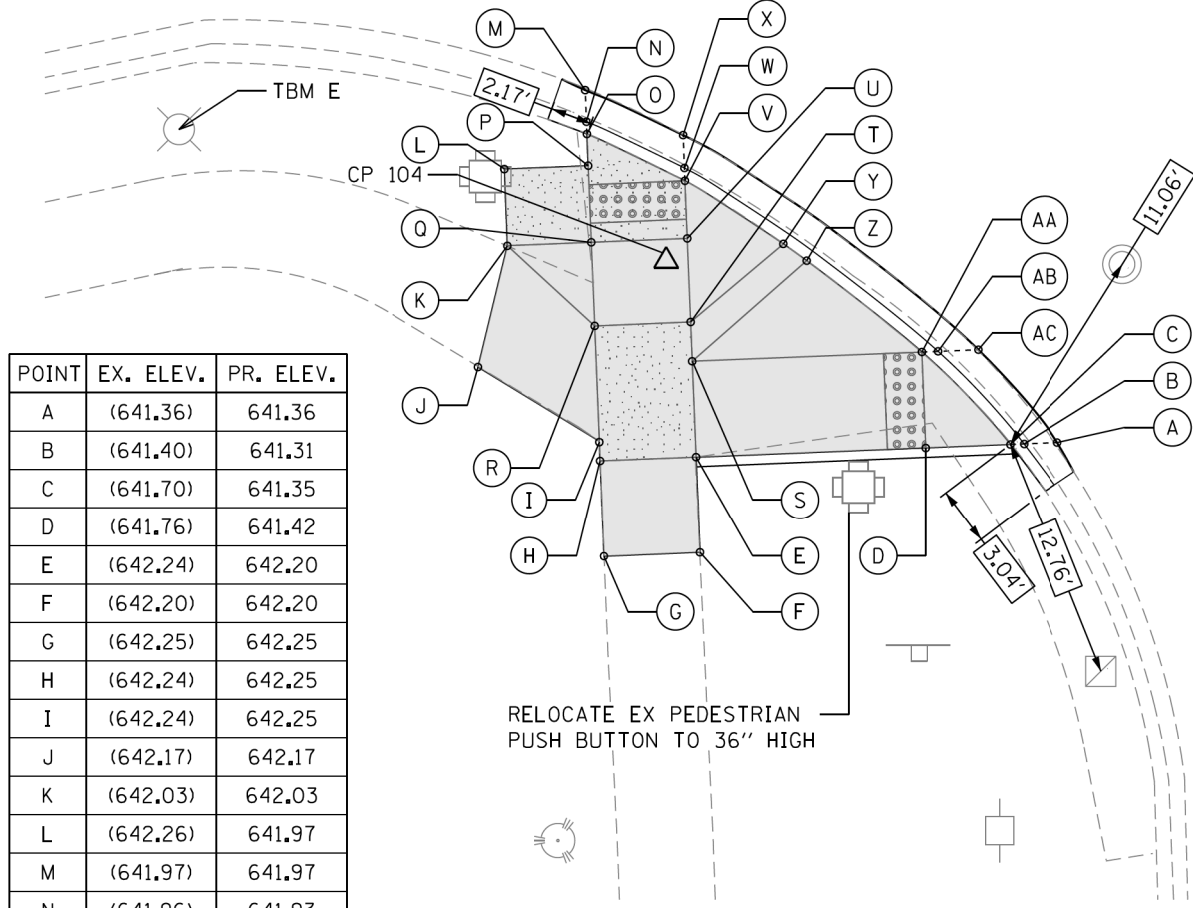
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 43 OF 50 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 66
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

P:\66616005\18-PTB177-004-W018-62F58-ADA_Ramps_La_Grange\01CAD\08Sheet\62F58_ADA_Sheet_43.dgn

ADA - 43

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(641.36)	641.36
B	(641.40)	641.31
C	(641.70)	641.35
D	(641.76)	641.42
E	(642.24)	642.20
F	(642.20)	642.20
G	(642.25)	642.25
H	(642.24)	642.25
I	(642.24)	642.25
J	(642.17)	642.17
K	(642.03)	642.03
L	(642.26)	641.97
M	(641.97)	641.97
N	(641.96)	641.93
O	(642.07)	641.97
P	(642.03)	641.97
Q	(642.02)	642.01
R	(642.06)	642.25
S	(642.14)	642.20
T	(642.10)	642.20
U	(642.06)	641.94
V	(641.97)	641.90
W	(641.76)	641.86
X	(641.82)	641.86
Y	(642.03)	642.11
Z	(641.99)	642.03
AA	(641.56)	641.42
AB	(641.46)	641.38
AC	(641.46)	641.41

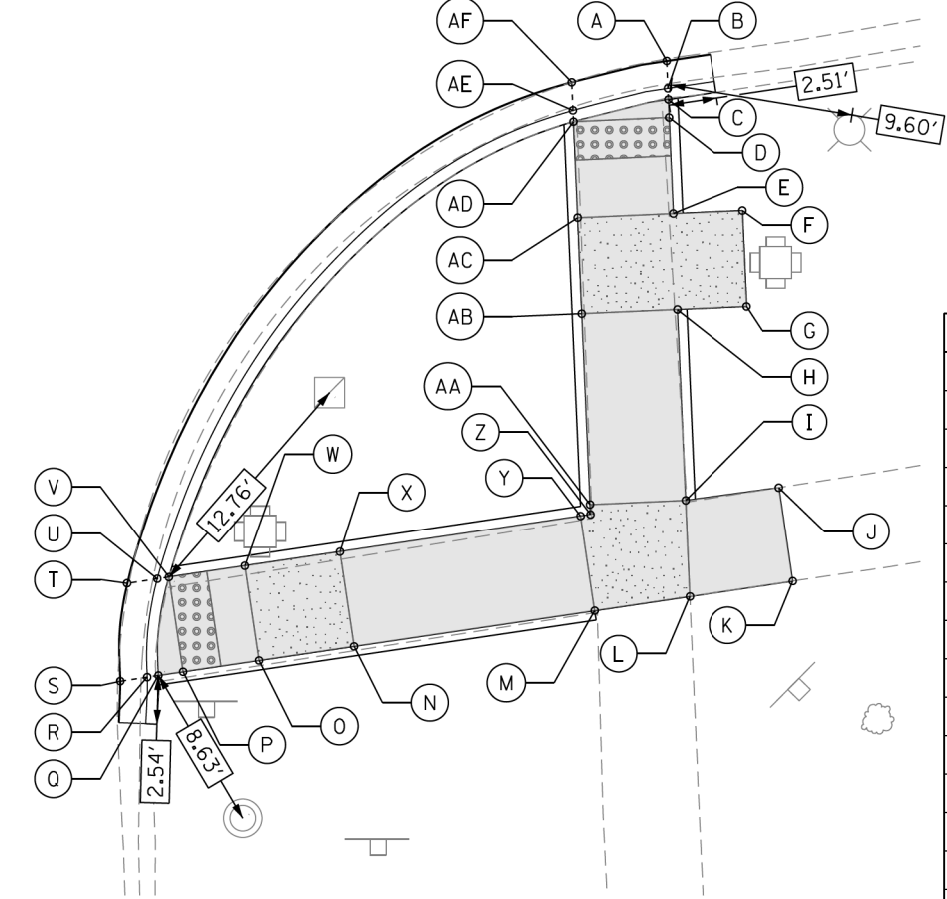
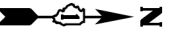
SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	4.41	1.36
D-E	12.00	6.58
D-AA	5.00	0.00
E-F	5.00	0.00
E-H	5.00	1.00
E-S	5.00	0.00
F-G	5.00	1.00
G-H	5.00	0.00
H-I	1.00	0.00
I-J	7.42	1.08
I-R	6.00	0.00
J-K	6.50	2.15
K-L	4.00	1.50
K-O	4.37	0.50

SEGMENT	LENGTH (FT)	SLOPE (%)
K-R	6.17	6.94
L-P	4.37	0.00
O-P	1.65	0.00
P-Q	4.00	1.00
Q-R	4.35	5.51
Q-U	5.00	1.40
R-T	5.00	1.00
S-T	2.00	0.00
S-AA	12.00	6.58
T-U	4.35	6.00
U-V	3.00	1.33
V-Y	6.08	3.45
Y-Z	1.50	5.33
Z-AA	7.65	8.10

RELOCATE EX PEDESTRIAN PUSH BUTTON TO 36" HIGH

HARDING AVE

U.S. 12/20/45 (LAGRANGE RD.)



POINT	EX. ELEV.	PR. ELEV.
A	(642.60)	642.56
B	(642.60)	642.52
C	(642.76)	642.56
D	(642.76)	642.56
E	(642.69)	642.61
F	(642.73)	642.61
G	(642.65)	642.65
H	(642.68)	642.65
I	(642.66)	642.75
J	(642.69)	642.69
K	(642.74)	642.74
L	(642.75)	642.75
M	(642.70)	642.70
N	(642.21)	642.05
O	(642.03)	642.00
P	(641.88)	641.79
Q	(641.83)	641.77
R	(641.67)	641.73
S	(641.73)	641.73
T	(641.85)	641.79
U	(641.87)	641.75
V	(642.18)	641.79
W	(642.24)	642.00
X	(642.30)	642.05
Y	(642.56)	642.70
Z	(642.57)	642.70
AA	(642.58)	642.70
AB	(642.70)	642.60
AC	(642.84)	642.55
AD	(642.96)	642.50
AE	(642.62)	642.46
AF	(642.54)	642.50

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.00	0.00
D-E	5.00	1.00
D-AD	5.00	1.00
E-F	3.62	0.00
E-AC	5.00	1.00
F-G	5.00	1.00
G-H	3.62	0.00
H-I	10.00	1.00
H-AB	5.00	1.00
I-J	4.91	1.22
I-L	5.00	1.00
I-AA	5.00	1.00
J-K	5.00	1.00
K-L	5.43	0.18
L-M	5.00	1.00

SEGMENT	LENGTH (FT)	SLOPE (%)
M-N	12.67	5.15
M-Y	5.00	0.00
N-O	5.00	1.00
N-X	5.00	0.00
O-P	4.00	5.15
O-W	5.00	0.00
P-Q	1.33	1.50
P-V	5.00	0.00
V-W	4.00	5.15
W-X	5.00	1.00
X-Y	12.67	5.15
Y-Z	0.52	0.00
Z-AA	0.52	0.00
AA-AB	10.00	1.00
AB-AC	5.00	1.00
AC-AD	5.00	1.00

HARDING AVE

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

TBM E
ELEV=642.82
SET CUT SQUARE ON NORTH EDGE OF CONCRETE BASE OF LIGHT POLE AT SOUTHEAST CORNER OF HARDING AVE AND LAGRANGE RD ABOUT 3 FT EAST OF BACK OF CURB AND ABOUT 20 FT SOUTH OF ROW OF HARDING AVE

REFERENCE CONTROL POINT ELEV : 642.00'
NORTHING : 1879847.141
EASTING : 1109857.744
CONTROL POINT NO : 104 (FOUND CROSS @ SOUTHEAST HARDING AVE & LAGRANGE RD)
LOCATION : FOUND CROSS @ SOUTHEAST HARDING AVE +/- 10.40 WEST OF BACK OF WALK ON EAST SIDE LAGRANGE RD, +/- 10.80' NORTHEAST OF TRAFFIC SIGNAL POLE.



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

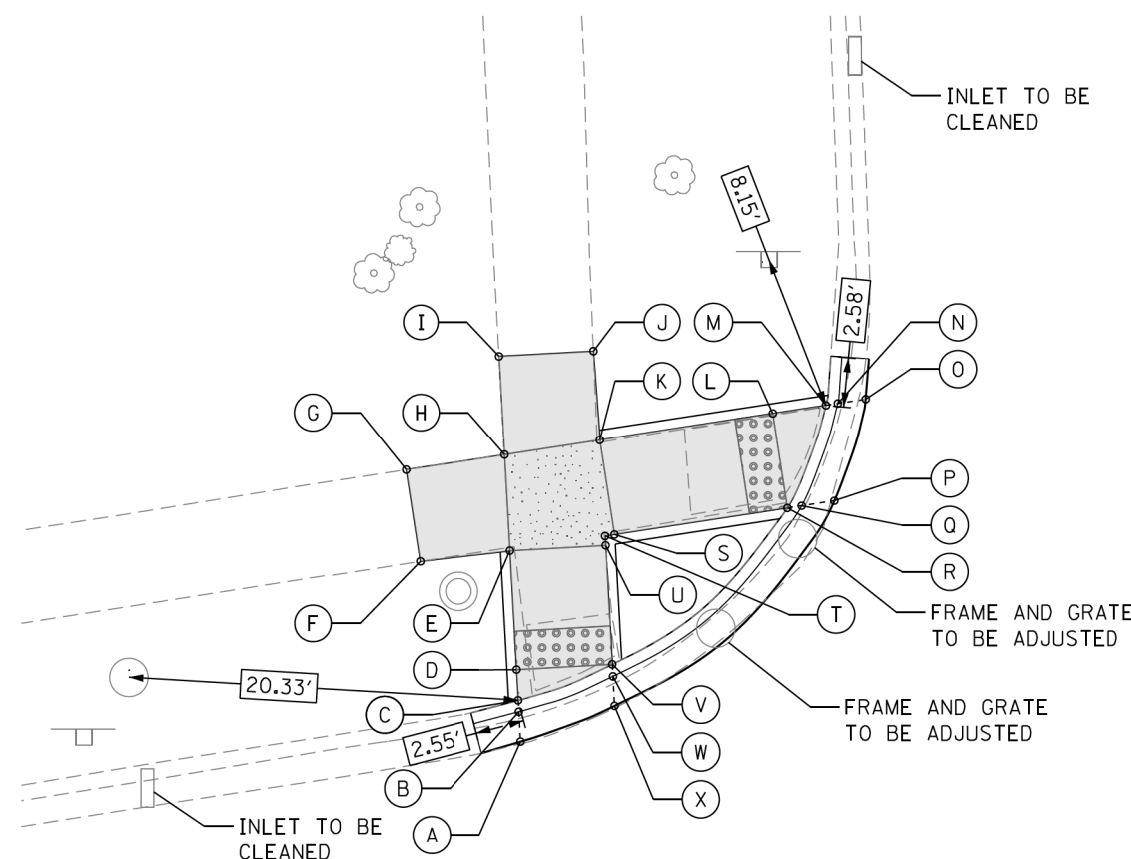
PROPOSED ADA RAMP DESIGN
LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 44 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	67
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

ADA - 44

P:\66616005\18-PTB177-204-W018-62F58-ADA_Ramps_La_Grange\01CAD\005\Sheet_62F58_ADA_Sheet_44.dgn

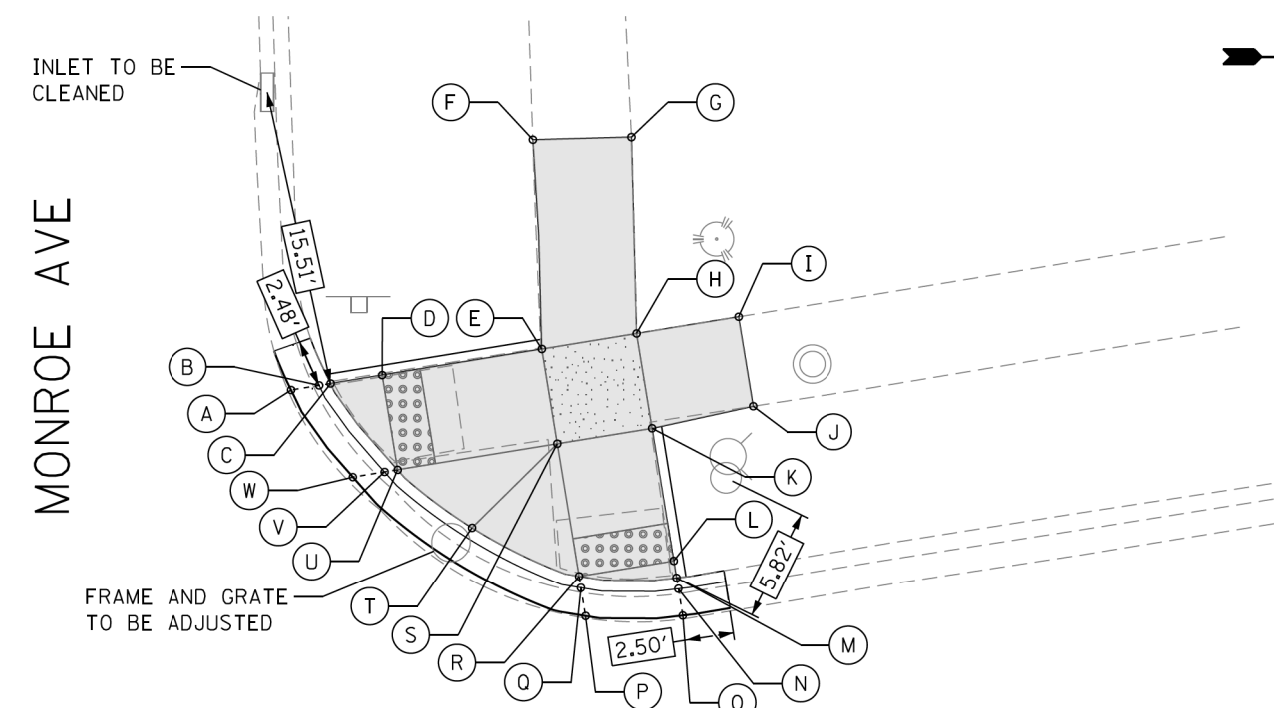


U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	1.60	0.63
D-E	6.21	1.13
D-V	5.00	1.20
E-F	4.71	3.40
E-H	5.00	0.00
E-U	5.00	1.20
F-G	4.84	2.07
G-H	5.19	1.16
H-I	5.14	2.92
H-K	5.00	1.20

SEGMENT	LENGTH (FT)	SLOPE (%)
I-J	4.93	1.22
J-K	4.65	3.23
K-L	9.12	4.93
K-S	5.00	0.00
L-M	2.80	1.07
L-R	5.00	0.00
R-S	9.12	4.93
S-T	0.49	0.00
T-U	0.49	0.00
U-V	6.21	1.13

POINT	EX. ELEV.	PR. ELEV.
A	(639.83)	639.75
B	(639.88)	639.71
C	(640.17)	639.75
D	(640.00)	639.76
E	(639.71)	639.83
F	(639.67)	639.67
G	(639.77)	639.77
H	(639.76)	639.83
I	(639.68)	639.68
J	(639.62)	639.62
K	(639.62)	639.77
L	(639.41)	639.32
M	(639.44)	639.29
N	(639.26)	639.25
O	(639.25)	639.25
P	(639.32)	639.32
Q	(639.21)	639.28
R	(639.32)	639.32
S	(639.62)	639.77
T	(639.64)	639.77
U	(639.64)	639.77
V	(639.67)	639.70
W	(639.55)	639.66
X	(639.62)	639.70



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(639.07)	639.07
B	(639.03)	639.04
C	(639.15)	639.08
D	(639.20)	639.11
E	(639.35)	639.70
F	(639.19)	639.19
G	(639.32)	639.32
H	(639.43)	639.72
I	(639.47)	639.47
J	(639.48)	639.48
K	(639.51)	639.72
L	(639.78)	639.64
M	(639.92)	639.64
N	(639.63)	639.60
O	(639.64)	639.64
P	(639.50)	639.56
Q	(639.50)	639.56
R	(639.65)	639.60
S	(639.54)	639.70
T	(639.55)	639.52
U	(639.39)	639.11
V	(639.13)	639.07
W	(639.11)	639.11

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.72	1.10
D-E	8.42	7.01
D-U	5.00	0.00
E-F	10.90	4.68
E-H	5.00	0.40
E-S	5.00	0.00
F-G	5.13	2.53
G-H	10.22	3.91
H-I	5.39	4.64
H-K	5.00	0.00
I-J	4.72	0.21
J-K	5.40	4.44
K-L	7.00	1.14
K-S	5.00	0.40
L-M	0.90	0.00
L-R	5.00	0.80
R-S	7.00	1.43
R-T	6.15	1.30
S-U	8.42	7.01
T-U	4.93	8.32

REFERENCE CONTROL POINT ELEV : 639.46'
 NORTHING : 1880523.171
 EASTING : 1109758.896
 CONTROL POINT NO : 103 (SET CROSS AT SOUTHEAST MONROE AVE & LAGRANGE RD)
 LOCATION : SET CROSS AT SOUTHEAST MONROE AVE +/- 14.50' SOUTH OF BACK OF CURB LINE SOUTHSIDE MONROE AVE, +/- 12.30' EAST OF BACK OF CURB LINE EAST SIDE LAGRANGE RD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM D
 ELEV=640.72
 SET CUT SQUARE ON SE'LY CORNER OF MONROE AVE AND LAGRANGE RD ON EAST SIDE OF CONCRETE BASE OF LIGHT POLE ABOUT 3 FT EAST OF BACK OF CURB ABOUT 30 FT SW'LY OF STREET SIGN



USER NAME = tnoahammed
 DESIGNED - TOM
 DRAWN - LEG
 CHECKED - AWM
 DATE - 01/16/2018
 PLOT SCALE = 10,0000' / 1in.
 PLOT DATE = 1/18/2018

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

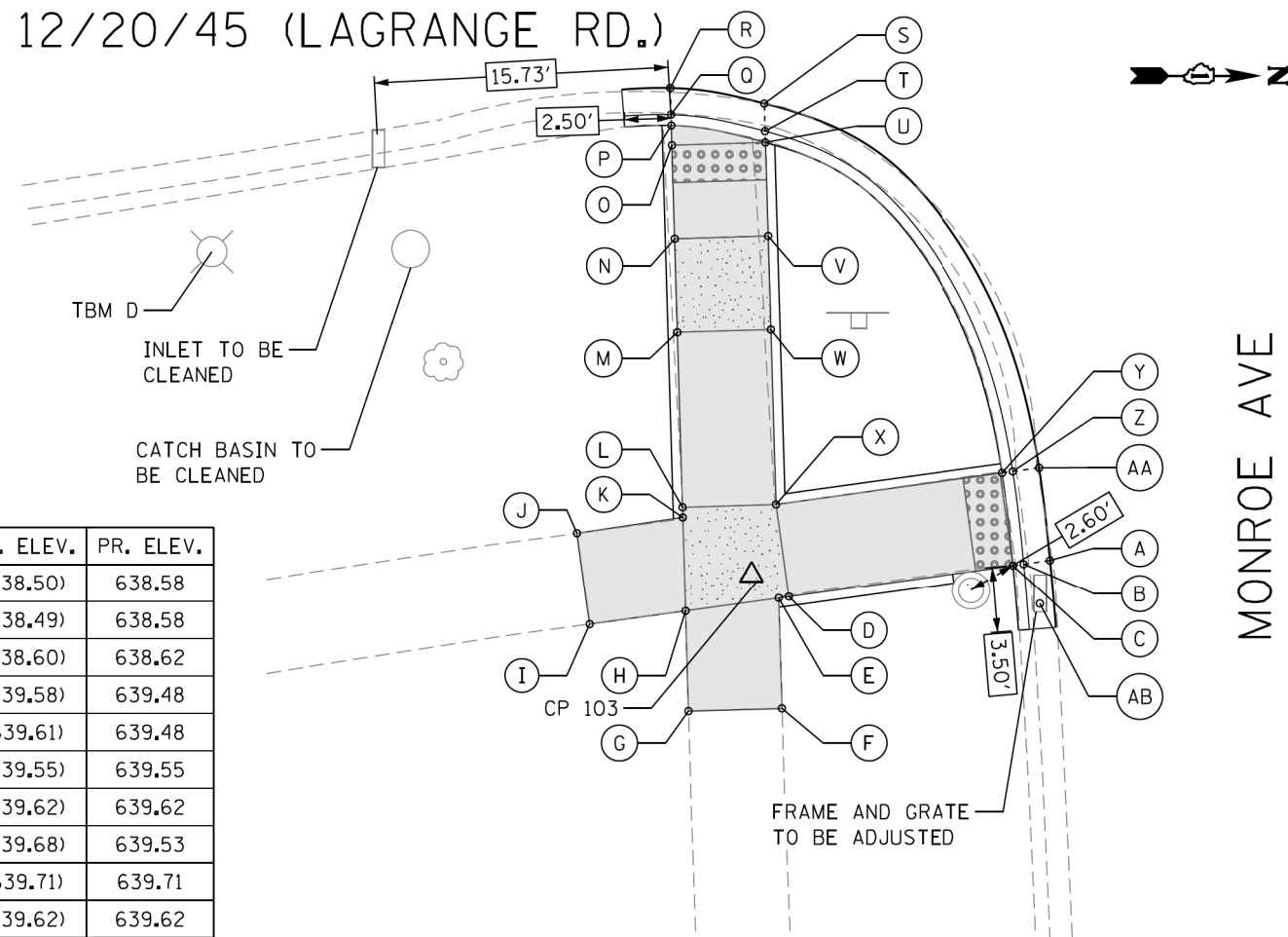
PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 45 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	68

CONTRACT NO. 62F58
 ILLINOIS FED. AID PROJECT

P:\66616005\18-PTB177-204-W018-62F58-ADA_Ramps_La_Grange\01CAD\05Sheet\62F58_ADA_Sheet_45.dgn

U.S. 12/20/45 (LAGRANGE RD.)

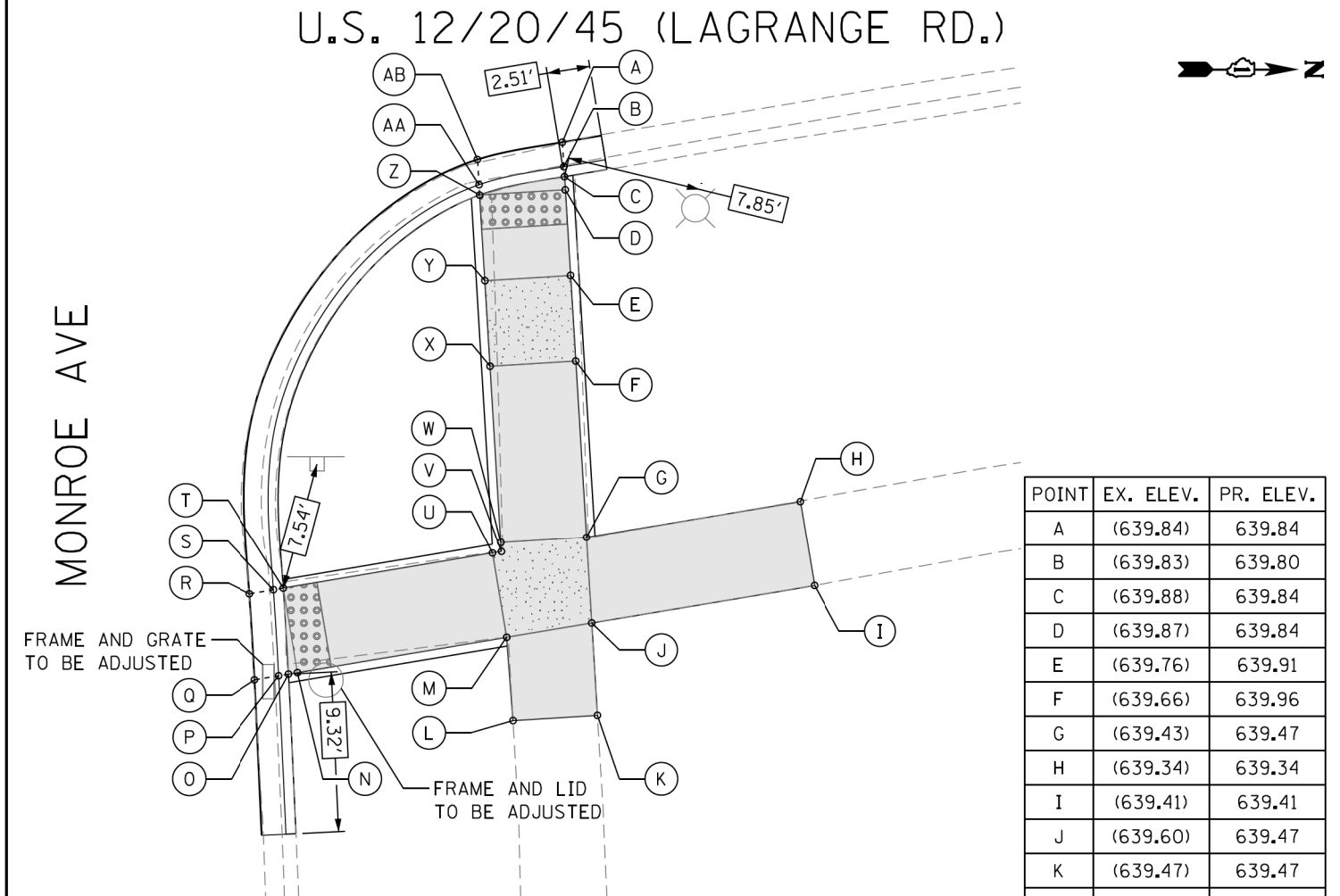


POINT	EX. ELEV.	PR. ELEV.
A	(638.50)	638.58
B	(638.49)	638.58
C	(638.60)	638.62
D	(639.58)	639.48
E	(639.61)	639.48
F	(639.55)	639.55
G	(639.62)	639.62
H	(639.68)	639.53
I	(639.71)	639.71
J	(639.62)	639.62
K	(639.60)	639.53
L	(639.61)	639.53
M	(639.86)	640.05
N	(639.95)	640.00
O	(640.04)	639.90
P	(640.09)	639.89
Q	(639.98)	639.85
R	(639.97)	639.89
S	(639.85)	639.85
T	(639.86)	639.81
U	(640.09)	639.85
V	(639.84)	639.95
W	(639.67)	640.00
X	(639.45)	639.48
Y	(639.08)	638.67
Z	(638.81)	638.63
AA	(638.78)	638.70
AB	(638.35)	638.58

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	12.14	7.08
C-Y	5.00	1.00
D-E	0.55	0.00
D-X	5.00	0.00
E-F	5.92	1.18
E-H	5.00	1.00
F-G	5.00	1.40
G-H	5.37	1.68
H-I	5.17	3.60
H-K	5.00	0.00
I-J	5.00	1.80
J-K	5.72	1.57
K-L	0.55	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
L-M	9.36	5.56
L-X	5.00	1.00
M-N	5.00	1.00
M-W	5.00	1.00
N-O	5.00	2.00
N-V	5.00	1.00
O-P	1.00	1.00
O-U	5.00	1.00
U-V	5.00	2.00
V-W	5.00	1.00
W-X	9.36	5.56
X-Y	12.14	6.67

U.S. 12/20/45 (LAGRANGE RD.)



SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	0.77	0.00
D-E	5.00	1.40
D-Z	5.00	0.60
E-F	5.00	1.00
E-Y	5.00	0.00
F-G	10.33	4.74
F-X	5.00	0.00
G-H	12.64	1.03
G-J	5.00	0.00
G-W	5.00	0.00
H-I	5.00	1.40
I-J	13.18	0.46
J-K	5.40	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
J-M	5.00	1.40
K-L	5.00	6.20
L-M	4.87	0.21
M-N	12.37	7.11
M-U	5.00	1.40
N-O	0.53	0.00
N-T	5.00	1.40
T-U	12.37	7.11
U-V	0.53	0.00
V-W	0.53	0.00
W-X	10.33	4.74
X-Y	5.00	1.00
Y-Z	5.00	2.00

POINT	EX. ELEV.	PR. ELEV.
A	(639.84)	639.84
B	(639.83)	639.80
C	(639.88)	639.84
D	(639.87)	639.84
E	(639.76)	639.91
F	(639.66)	639.96
G	(639.43)	639.47
H	(639.34)	639.34
I	(639.41)	639.41
J	(639.60)	639.47
K	(639.47)	639.47
L	(639.39)	639.39
M	(639.45)	639.40
N	(638.68)	638.52
O	(638.67)	638.52
P	(638.41)	638.48
Q	(638.40)	638.48
R	(638.69)	638.61
S	(638.61)	638.55
T	(638.78)	638.59
U	(639.33)	639.47
V	(639.35)	639.47
W	(639.37)	639.47
X	(639.64)	639.96
Y	(639.76)	639.91
Z	(639.98)	639.81
AA	(639.77)	639.77
AB	(639.77)	639.77

REFERENCE CONTROL POINT ELEV : 639.56'
 NORTHING : 1880523.171
 EASTING : 1109758.896
 CONTROL POINT NO : 103 (SET CROSS AT SOUTHEAST MONROE AVE & LAGRANGE RD)
 LOCATION : SET CROSS AT SOUTHEAST MONROE AVE +/- 14.50' SOUTH OF BACK OF CURB LINE SOUTHWEST MONROE AVE, +/- 12.30' EAST OF BACK OF CURB LINE EAST SIDE LAGRANGE RD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM D
 ELEV=640.72
 SET CUT SQUARE ON SE'LY CORNER OF MONROE AVE AND LAGRANGE RD ON EAST SIDE OF CONCRETE BASE OF LIGHT POLE ABOUT 3 FT EAST OF BACK OF CURB ABOUT 30 FT SW'LY OF STREET SIGN



USER NAME = tnohemmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 1/8" = 10.0000' / 1"	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

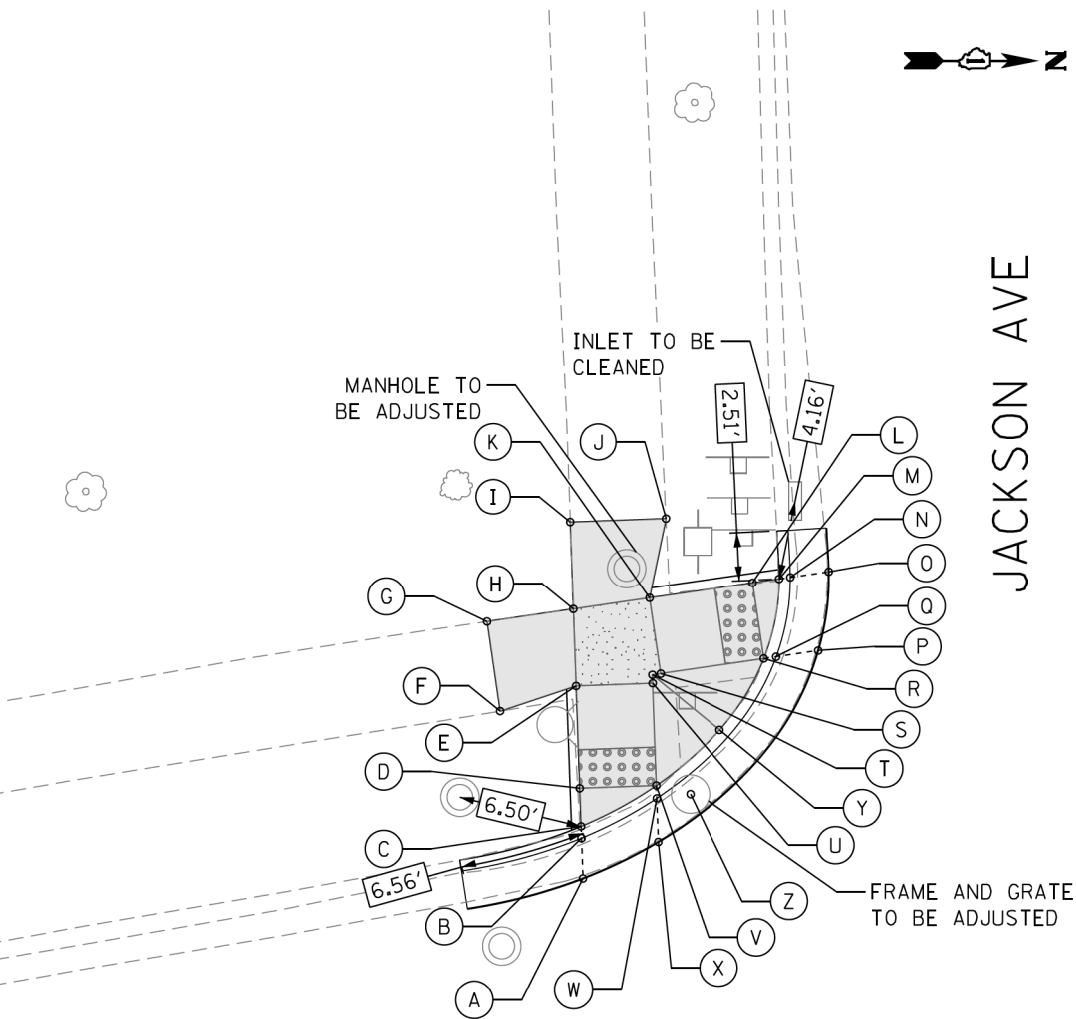
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	69
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

P:\66616005\18-PTB177-004-MO#18-62F58-ADA_Ramp_La_Grange\01CAD\08Sheet\62F58_ADA_Sheet_46.dgn

POINT	EX. ELEV.	PR. ELEV.
A	(637.34)	637.26
B	(637.35)	637.19
C	(637.40)	637.23
D	(637.35)	637.26
E	(637.27)	637.38
F	(637.22)	637.22
G	(637.31)	637.31
H	(637.31)	637.88
I	(637.21)	637.21
J	(637.21)	637.21
K	(637.27)	637.32
L	(636.91)	636.87
M	(636.86)	636.85
N	(636.75)	636.81
O	(636.73)	636.81
P	(636.84)	636.84
Q	(636.73)	636.84
R	(636.87)	636.88
S	(637.29)	637.32
T	(637.29)	637.32
U	(637.29)	637.32
V	(637.31)	637.20
W	(637.23)	637.16
X	(637.27)	637.19
Y	(637.34)	637.24
Z	(637.13)	637.13

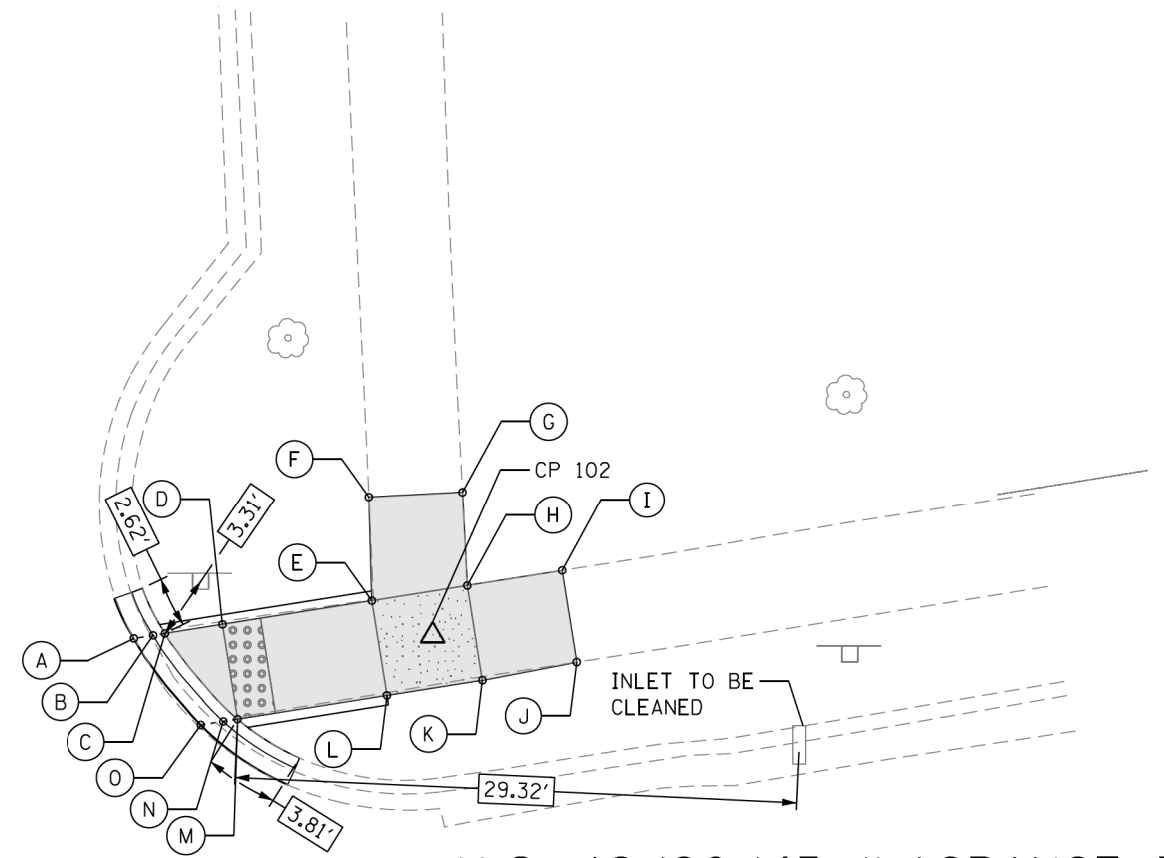


U.S. 12/20/45 (LAGRANGE RD.)

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	2.00	1.50
D-E	5.34	2.25
D-V	4.00	1.50
E-F	4.17	3.84
E-H	4.00	0.00
E-U	4.00	1.50
F-G	4.73	1.90
G-H	4.55	1.54
H-I	4.55	3.74
H-K	4.00	1.50
I-J	5.00	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
J-K	4.23	2.60
K-L	5.43	8.29
K-S	4.00	0.00
L-M	1.40	1.43
L-R	4.00	0.25
R-S	5.43	8.10
R-Y	4.40	8.18
S-T	0.44	0.00
T-U	0.44	0.00
U-V	5.34	2.25
V-Y	4.40	0.90

JACKSON AVE



U.S. 12/20/45 (LAGRANGE RD.)

POINT	EX. ELEV.	PR. ELEV.
A	(636.81)	636.83
B	(636.85)	636.85
C	(637.01)	636.85
D	(637.23)	636.87
E	(637.63)	637.43
F	(637.73)	637.73
G	(637.83)	637.83
H	(637.76)	637.49
I	(637.81)	637.81
J	(637.73)	637.73
K	(637.70)	637.49
L	(637.53)	637.43
M	(637.26)	636.87
N	(636.99)	636.87
O	(636.85)	636.85

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	3.00	0.67
D-E	7.88	7.11
D-M	5.00	0.00
E-F	5.42	5.54
E-H	5.00	1.20
E-L	5.00	0.00
F-G	5.00	2.00
G-H	4.89	6.95
H-I	5.00	6.40
H-K	5.00	0.00
I-J	5.00	1.60
J-K	5.00	4.80
K-L	5.00	1.20
L-M	7.88	7.11

REFERENCE CONTROL POINT ELEV : 637.68'
 NORTHING : 1881215.507
 EASTING : 1109570.214
 CONTROL POINT NO : 102 (SET CROSS AT NORTHWEST JACKSON AVE & LAGRANGE RD)
 LOCATION : SET CROSS AT NORTHWEST JACKSON AVE +/- 12.50' NORTH OF " DO NOT ENTER" SIGN, +/- 7.30' WEST OF BACK OF CURB ON WEST SIDE LAGRANGE RD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE
- REPLACE W/TOPSOIL & SOD

TBM C
 ELEV=637.39
 F1/F2 SET CUT SQUARE AT SE'LY SIDE OF CONCRETE BASE OF LIGHT POLE AT NE'LY CORNER OF JACKSON AVE AND LAGRANGE RD ABOUT 3 FT EAST OF BACK OF CURB AND ABOUT 20 FT NW'LY OF STOP SIGN

P:\66616005\18-PTB177-004-WD18-62F58-ADA_Ramps_La_Grange\01CAD\005Sheet\62F58-ADA_Sheet_47.dgn



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1in.	DRAWN - LEG	REVISED -
PLOT DATE = 1/18/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

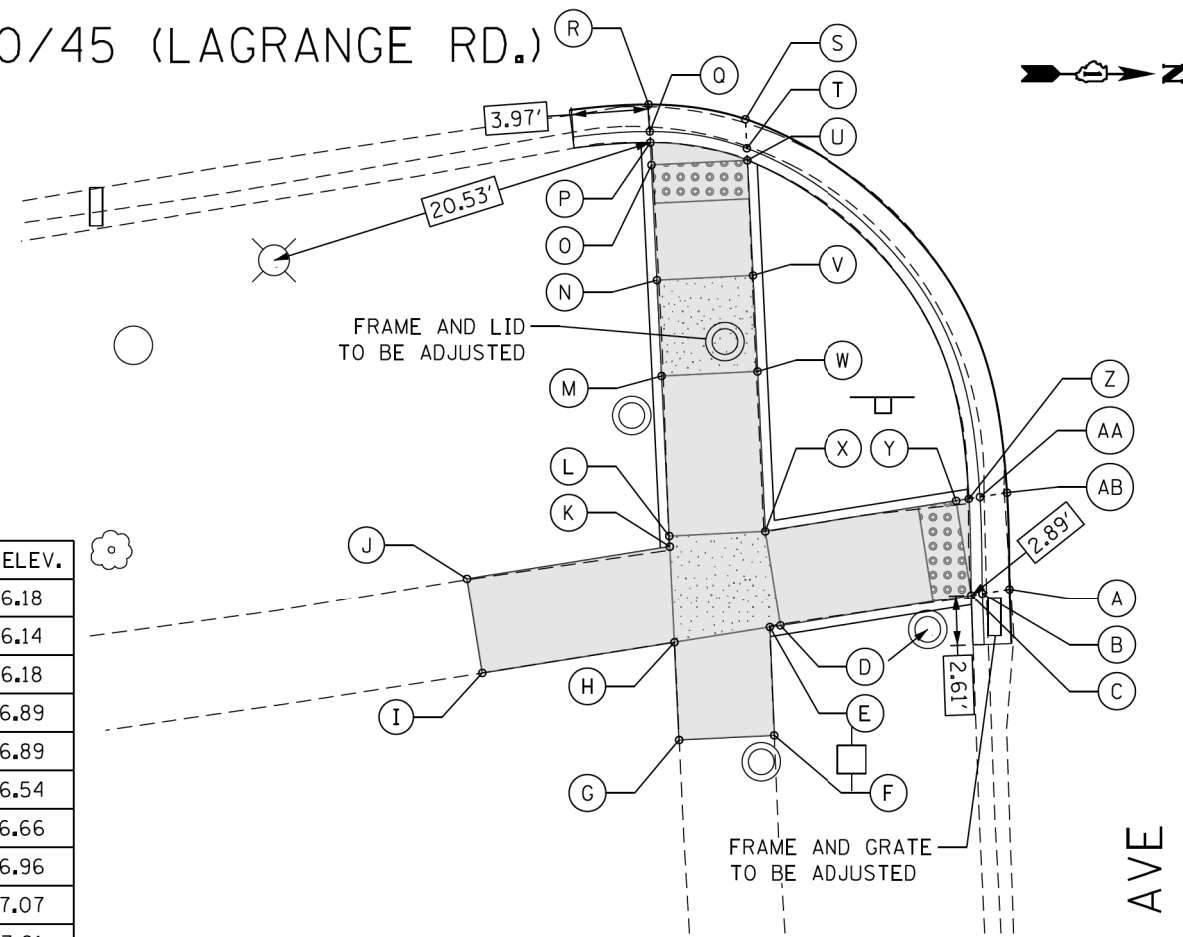
SCALE- 1:10 SHEET 47 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	70
CONTRACT NO. 62F58				

ADA - 47

ILLINOIS FED. AID PROJECT

U.S. 12/20/45 (LAGRANGE RD.)



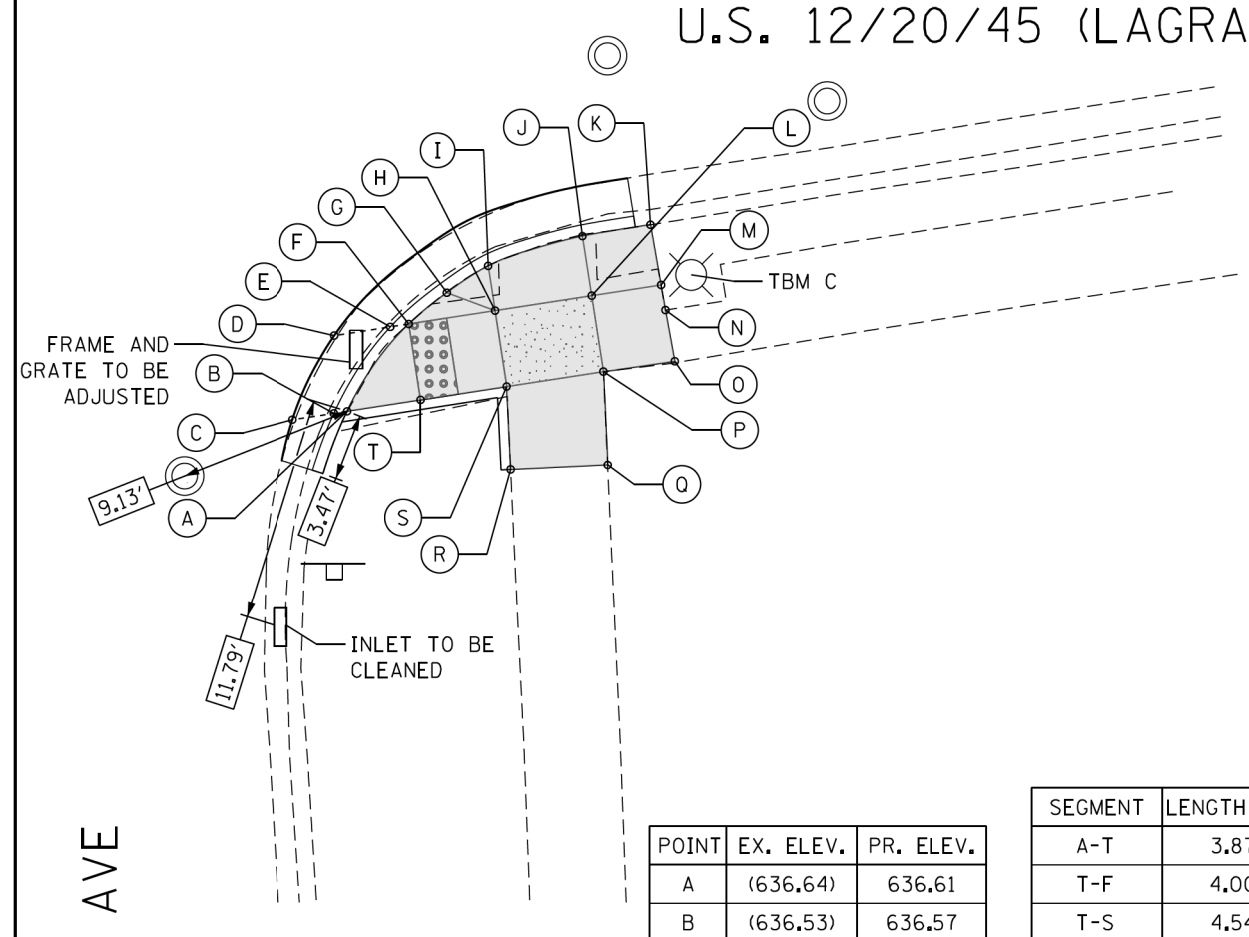
POINT	EX. ELEV.	PR. ELEV.
A	(636.18)	636.18
B	(636.07)	636.14
C	(636.32)	636.18
D	(636.57)	636.89
E	(636.58)	636.89
F	(636.54)	636.54
G	(636.66)	636.66
H	(636.77)	636.96
I	(637.07)	637.07
J	(637.01)	637.01
K	(636.79)	637.96
L	(636.82)	637.96
M	(637.20)	637.38
N	(637.29)	637.33
O	(637.28)	637.21
P	(637.44)	637.20
Q	(637.25)	637.16
R	(637.28)	637.20
S	(637.10)	637.10
T	(637.07)	637.10
U	(637.14)	637.14
V	(637.10)	637.26
W	(636.99)	637.31
X	(636.56)	636.89
Y	(636.45)	636.25
Z	(636.51)	636.24
AA	(636.24)	636.20
AB	(636.24)	636.24

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	10.10	7.03
C-Y	5.00	1.40
D-E	0.55	0.00
D-X	5.00	0.00
E-F	5.65	6.19
E-H	5.00	1.40
F-G	5.00	2.40
G-H	5.10	5.88
H-I	10.13	1.09
H-K	5.00	0.00
I-J	5.00	1.20
J-K	10.69	0.47
K-L	0.55	0.00

SEGMENT	LENGTH (FT)	SLOPE (%)
L-M	8.34	5.04
L-X	5.00	1.40
M-N	5.00	1.00
M-W	5.00	1.40
N-O	6.00	2.00
N-V	5.00	1.40
O-P	1.17	0.85
O-U	5.00	1.40
U-V	6.00	2.00
V-W	5.00	1.00
W-X	8.34	5.04
X-Y	10.10	6.34
Y-Z	0.67	1.49

JACKSON AVE

U.S. 12/20/45 (LAGRANGE RD.)



JACKSON AVE

POINT	EX. ELEV.	PR. ELEV.
A	(636.64)	636.61
B	(636.53)	636.57
C	(636.54)	636.57
D	(636.64)	636.64
E	(636.71)	636.63
F	(637.09)	636.67
G	(637.12)	636.93
H	(637.21)	636.99
I	(637.20)	637.18
J	(637.18)	637.40
K	(637.50)	637.50
L	(637.23)	637.09
M	(637.28)	637.28
N	(637.24)	637.24
O	(637.18)	637.18
P	(637.14)	637.09
Q	(637.18)	637.18
R	(636.98)	636.98
S	(637.07)	636.99
T	(636.85)	636.67

SEGMENT	LENGTH (FT)	SLOPE (%)
A-T	3.87	1.55
T-F	4.00	0.00
T-S	4.54	7.05
S-H	4.00	0.00
S-P	5.00	2.00
S-R	4.33	0.23
R-Q	5.00	2.20
Q-P	4.87	0.00
P-O	3.75	2.40
P-L	4.00	0.00
O-N	2.75	3.64
M-K	3.18	6.91
M-L	3.75	4.00
K-J	3.60	7.76
J-L	3.14	9.87
J-I	5.16	7.76
I-G	2.57	9.70
I-H	2.36	8.05
H-L	5.00	2.00
F-G	2.57	10.00
F-H	4.54	7.05

REFERENCE CONTROL POINT ELEV : 637.68'
 NORTHING : 1881215.507
 EASTING : 1109570.214
 CONTROL POINT NO : 102 (SET CROSS AT NORTHWEST JACKSON AVE & LAGRANGE RD)
 LOCATION : SET CROSS AT NORTHWEST JACKSON AVE +/- 12.50' NORTH OF " DO NOT ENTER" SIGN, +/- 7.30' WEST OF BACK OF CURB ON WEST SIDE LAGRANGE RD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE
- REPLACE W/TOPSOIL & SOD

TBM C
 ELEV=637.39
 F1/F2 SET CUT SQUARE AT SE'LY SIDE OF CONCRETE BASE OF LIGHT POLE AT NE'LY CORNER OF JACKSON AVE AND LAGRANGE RD ABOUT 3 FT EAST OF BACK OF CURB AND ABOUT 20 FT NW'LY OF STOP SIGN



USER NAME = tnohmed	DESIGNED - TOM	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 3/1/2018	CHECKED - AWM	REVISED -
	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

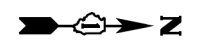
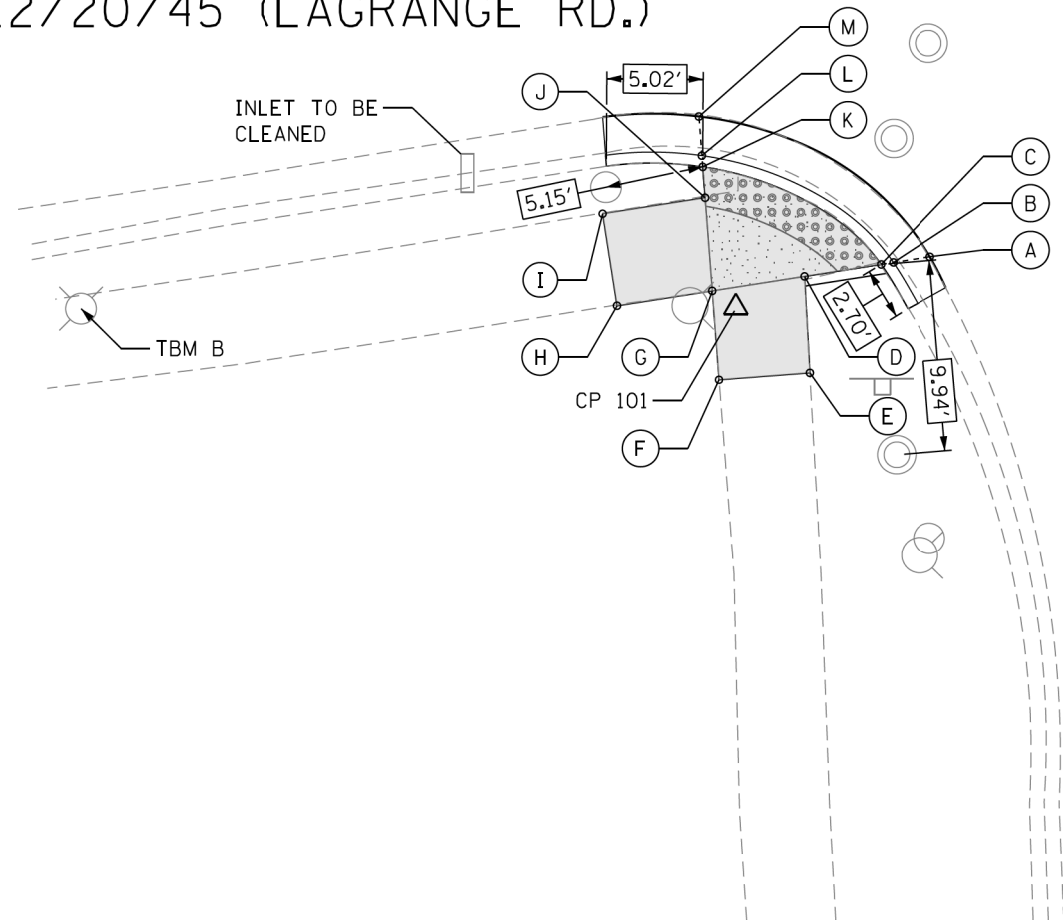
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	71
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

P:\60616005\18-PT177-004-W018-62F58-ADA_Ramp_La_Grange\18CADD\05Sheet\62F58_ADA_Sheet_48.dgn

ADA - 48

SCALE- 1:10 SHEET 48 OF 50 SHEETS STA. TO STA.

U.S. 12/20/45 (LAGRANGE RD.)

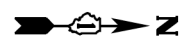
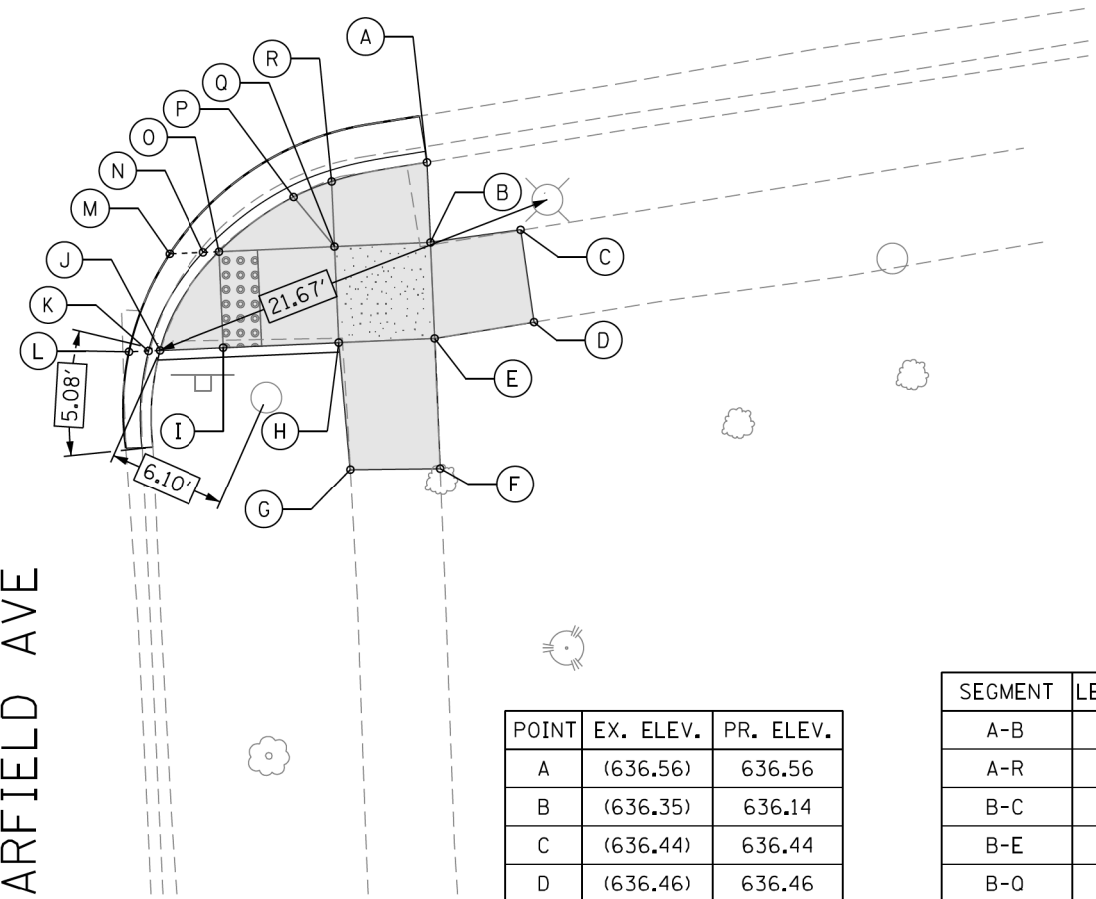


GARFIELD AVE

POINT	EX. ELEV.	PR. ELEV.
A	(635.82)	635.90
B	(635.88)	635.90
C	(636.08)	635.94
D	(636.08)	636.00
E	(635.78)	635.78
F	(635.78)	635.78
G	(635.99)	636.07
H	(636.09)	636.09
I	(636.24)	636.24
J	(636.22)	636.07
K	(636.34)	636.07
L	(636.14)	636.03
M	(636.05)	636.05

SEGMENT	LENGTH (FT)	SLOPE (%)
C-D	4.05	1.48
D-E	5.00	4.40
D-G	4.87	1.44
E-F	4.75	0.00
F-G	4.64	6.25
G-H	5.00	0.40
G-J	4.87	0.00
H-I	4.87	3.08
I-J	5.40	3.15
J-K	1.61	0.00

U.S. 12/20/45 (LAGRANGE RD.)



GARFIELD AVE

POINT	EX. ELEV.	PR. ELEV.
A	(636.56)	636.56
B	(636.35)	636.14
C	(636.44)	636.44
D	(636.46)	636.46
E	(636.41)	636.11
F	(635.79)	635.79
G	(635.68)	635.68
H	(636.25)	636.04
I	(635.93)	635.82
J	(635.73)	635.77
K	(635.57)	635.73
L	(635.65)	635.73
M	(635.96)	635.88
N	(636.00)	635.84
O	(636.04)	635.88
P	(636.26)	636.10
Q	(636.36)	636.07
R	(636.42)	636.20

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	4.17	10.00
A-R	5.07	7.20
B-C	6.00	6.30
B-E	5.00	0.60
B-O	5.00	1.40
C-D	4.82	0.41
D-E	6.59	6.70
E-F	3.69	4.71
E-H	5.00	1.40
F-G	4.72	2.35
G-H	3.70	5.40
H-I	6.02	3.65
H-O	5.00	0.60
I-J	3.34	1.50
I-O	5.00	1.20
O-P	4.83	4.55
O-Q	6.02	3.16
P-R	2.14	4.67
Q-R	3.39	3.83

P:\66616005\18-PT177-204-W018-62F58-ADA Ramp LA Grange\01CAD\05Sheet\2F58_ADA_Sheet_4.rvt

REFERENCE CONTROL POINT ELEV : 635.94'
 NORTHING : 1881839.105
 EASTING : 1109537.126
 CONTROL POINT NO : 101 (FIND CROSS ON SOUTHEAST GARFIELD)
 LOCATION : FIND CROSS ON SOUTHEAST GARFIELD +/- 2.4' NORTH OF FIRE HYD,
 +/- 7.0' EAST OF BACK OF CURB ALONG EAST LINE OF LAGRANGE RD.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

TBM B
 ELEV=636.42
 SET SQUARE ON EAST SIDE OF CONCRETE BASE OF LIGHT ABOUT 4 FT EAST OF BACK OF CURB AND ABOUT 45 FT SOUTH OF SOUTH BACK OF CURB OF GARFIELD AVE



USER NAME = tmoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1in	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

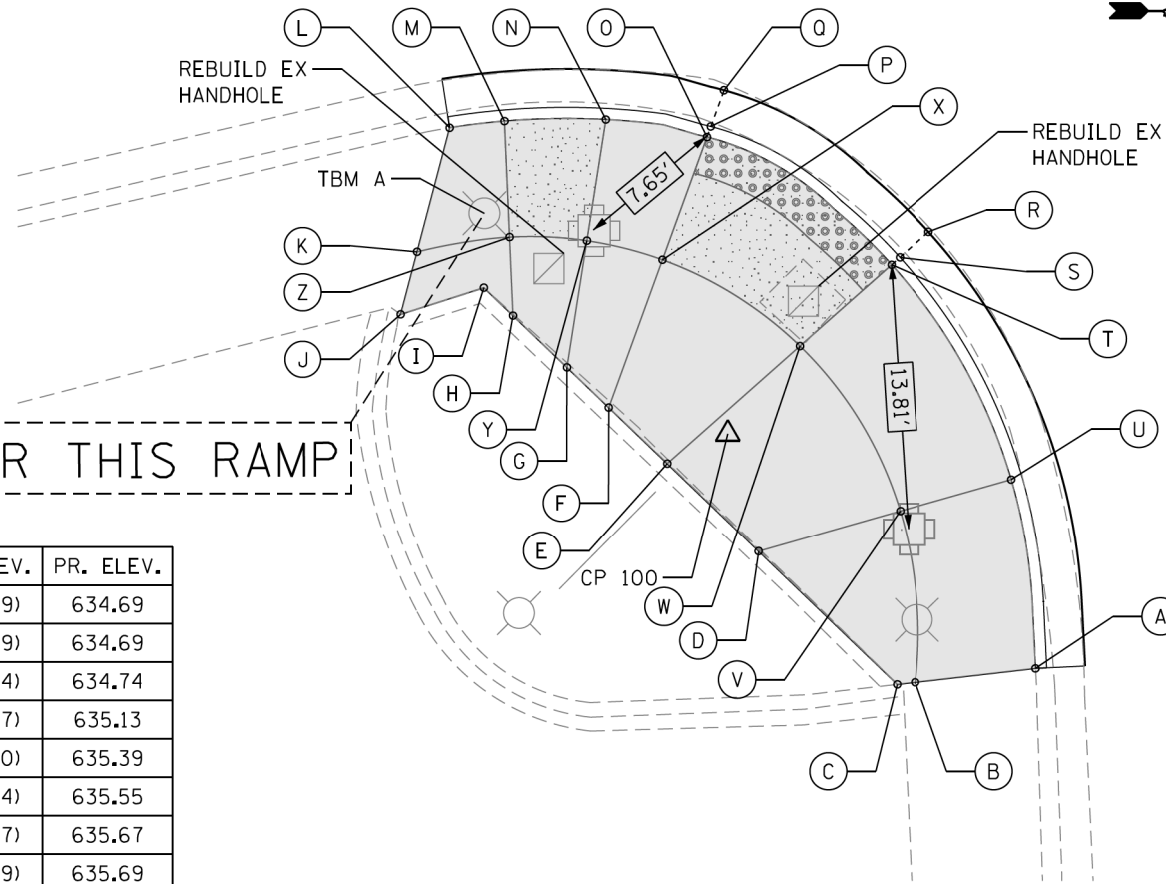
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.
 SCALE- 1:10 SHEET 49 OF 50 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	72
CONTRACT NO. 62F58				

ILLINOIS FED. AID PROJECT

U.S. 12/20/45 (LAGRANGE RD.)



MEP FOR THIS RAMP

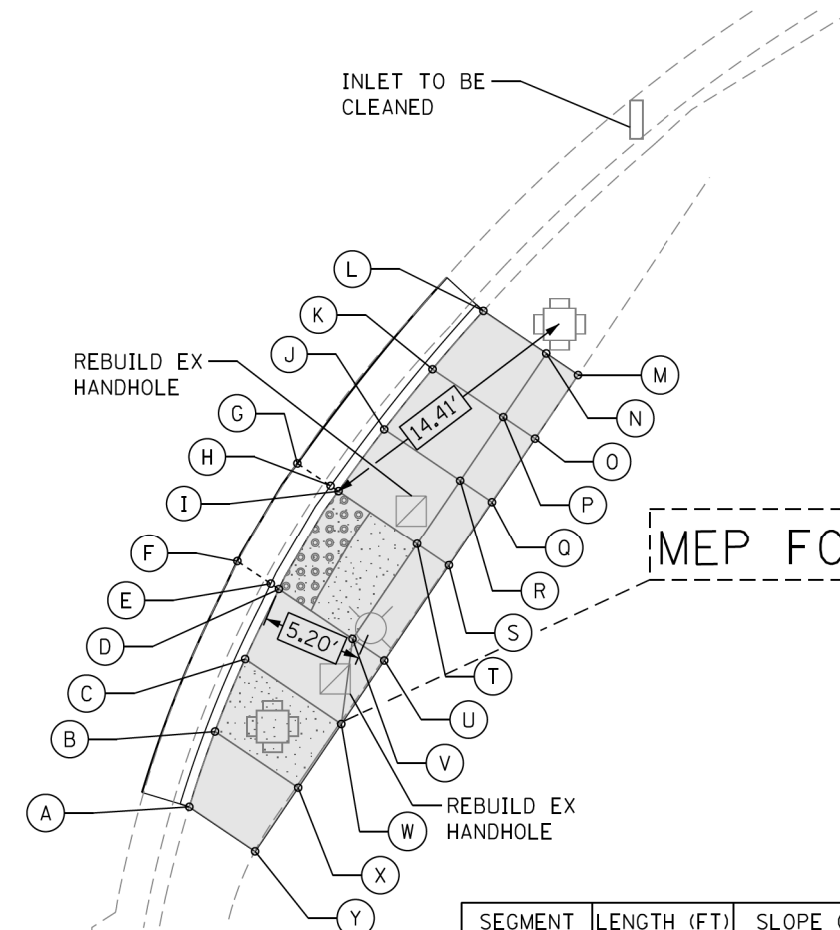
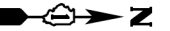
POINT	EX. ELEV.	PR. ELEV.
A	(634.69)	634.69
B	(634.69)	634.69
C	(634.74)	634.74
D	(635.57)	635.13
E	(635.80)	635.39
F	(635.94)	635.55
G	(635.97)	635.67
H	(635.99)	635.69
I	(635.77)	635.77
J	(636.00)	636.00
K	(635.90)	635.90
L	(635.75)	635.75
M	(635.78)	635.69
N	(635.65)	635.63
O	(635.33)	635.34
P	(635.28)	635.30
Q	(635.34)	635.34
R	(635.12)	635.12
S	(635.15)	635.12
T	(635.25)	635.16
U	(634.86)	635.02
V	(635.15)	635.08
W	(635.50)	635.26
X	(635.69)	635.34
Y	(635.76)	635.63
Z	(635.78)	635.69

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	6.31	0.00
A-U	10.00	3.30
B-C	1.00	5.00
B-V	9.00	4.33
C-D	10.00	3.90
D-E	6.60	3.90
D-V	7.69	0.65
E-F	4.22	3.90
E-W	9.25	1.41
F-G	3.00	4.00
F-X	8.19	2.56
G-H	4.00	0.50
G-Y	6.68	0.60
H-I	2.11	3.79
H-Z	4.09	0.00
I-J	4.55	5.00
J-K	3.36	2.50

SEGMENT	LENGTH (FT)	SLOPE (%)
K-L	6.67	2.50
K-Z	4.89	4.29
L-M	2.88	2.08
M-N	5.28	1.14
M-Z	6.00	0.00
N-O	5.37	6.70
N-Y	6.38	0.00
O-T	11.88	1.52
O-X	6.80	0.00
T-U	12.93	1.08
T-W	6.40	1.56
U-V	6.00	1.00
V-W	10.18	1.78
W-X	8.52	0.94
X-Y	4.07	7.13
Y-Z	4.00	1.50

31ST ST

U.S. 12/20/45 (LAGRANGE RD.)



MEP FOR THIS RAMP

SEGMENT	LENGTH (FT)	SLOPE (%)
A-B	4.15	0.72
A-Y	4.15	0.72
B-C	4.08	0.98
B-X	5.22	1.15
C-D	4.00	2.25
C-W	6.00	1.00
D-I	6.00	1.50
D-V	4.63	1.51
I-J	4.00	5.25
I-T	5.00	1.40
J-K	4.00	1.75
J-R	4.77	0.42
K-L	4.00	4.50
K-P	4.44	0.00
L-N	4.00	2.70

SEGMENT	LENGTH (FT)	SLOPE (%)
N-M	2.00	0.50
N-P	4.00	1.50
M-O	4.00	1.25
P-O	2.00	1.00
P-R	4.00	1.25
O-Q	4.00	1.50
R-Q	2.00	0.50
R-T	4.00	4.00
Q-S	4.00	1.50
T-V	6.00	1.33
T-S	2.00	5.50
S-U	6.00	1.17
V-U	2.00	6.00
V-W	4.47	1.79
U-W	4.00	1.00
W-X	4.00	1.00
X-Y	4.00	1.50

POINT	EX. ELEV.	PR. ELEV.
A	(635.00)	635.00
B	(634.95)	635.03
C	(635.05)	635.07
D	(635.00)	634.98
E	(634.94)	634.94
F	(634.92)	634.94
G	(635.06)	635.06
H	(635.01)	635.02
I	(635.20)	635.06
J	(635.40)	635.27
K	(635.49)	635.34
L	(635.52)	635.52
M	(635.41)	635.41
N	(635.40)	635.40
O	(635.36)	635.36
P	(635.40)	635.34
Q	(635.30)	635.30
R	(635.30)	635.29
S	(635.24)	635.24
T	(635.24)	635.13
U	(635.17)	635.17
V	(635.13)	635.05
W	(635.13)	635.13
X	(635.09)	635.09
Y	(635.03)	635.03

31ST ST

REFERENCE CONTROL POINT ELEV : 635.52'
 NORTHING : 1882486.021
 EASTING : 1109430.956
 CONTROL POINT NO : 100 (SET CROSS ON SOUTHEAST 31ST ST & LAGRANGE RD)
 LOCATION : SET CROSS ON SOUTHEAST 31ST ST & LAGRANGE RD, +/- 12' EAST OF TRAFFIC SIGNAL, +/- 6.0' NORTH OF NORTHWEST B.P GAS STATION SIGN IN SIDEWALK.

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE
- REPLACE W/TOPSOIL & SOD

TBM A
 ELEV=635.93
 SET CUT SQUARE AT SOUTHEAST CORNER OF LAGRANGE AND 31ST STREET ON NORTHEASTERLY SIDE OF A CONCRETE BASE OF LIGHT POLE ABOUT 3 FT EAST OF BACK OF CURB AND ABOUT 3FT SOUTHWESTERLY OF TRAFFIC SIGNAL



USER NAME = tnoahmed	DESIGNED - TOM	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 1/8" = 10.0000' / 1"	CHECKED - AWM	REVISED -
PLOT DATE = 1/18/2018	DATE - 01/16/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN
 LA GRANGE RD FROM SOUTH OF I-294 TO 31st ST.

SCALE- 1:10 SHEET 50 OF 50 SHEETS STA. TO STA.

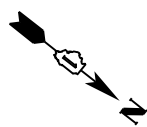
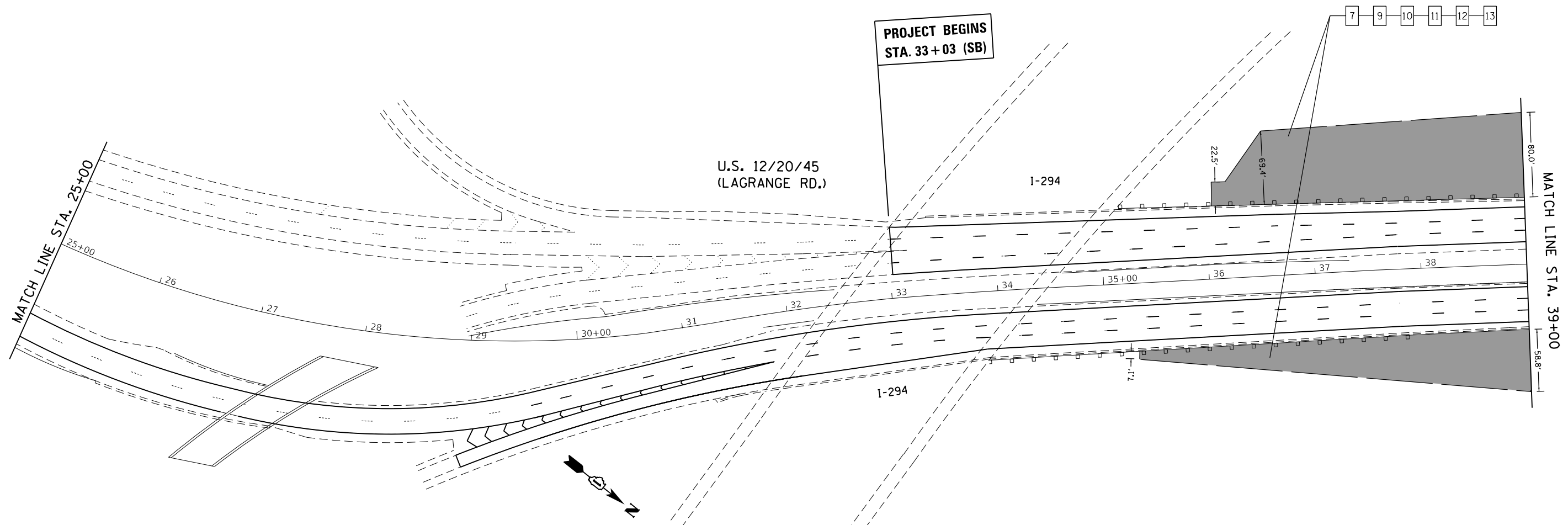
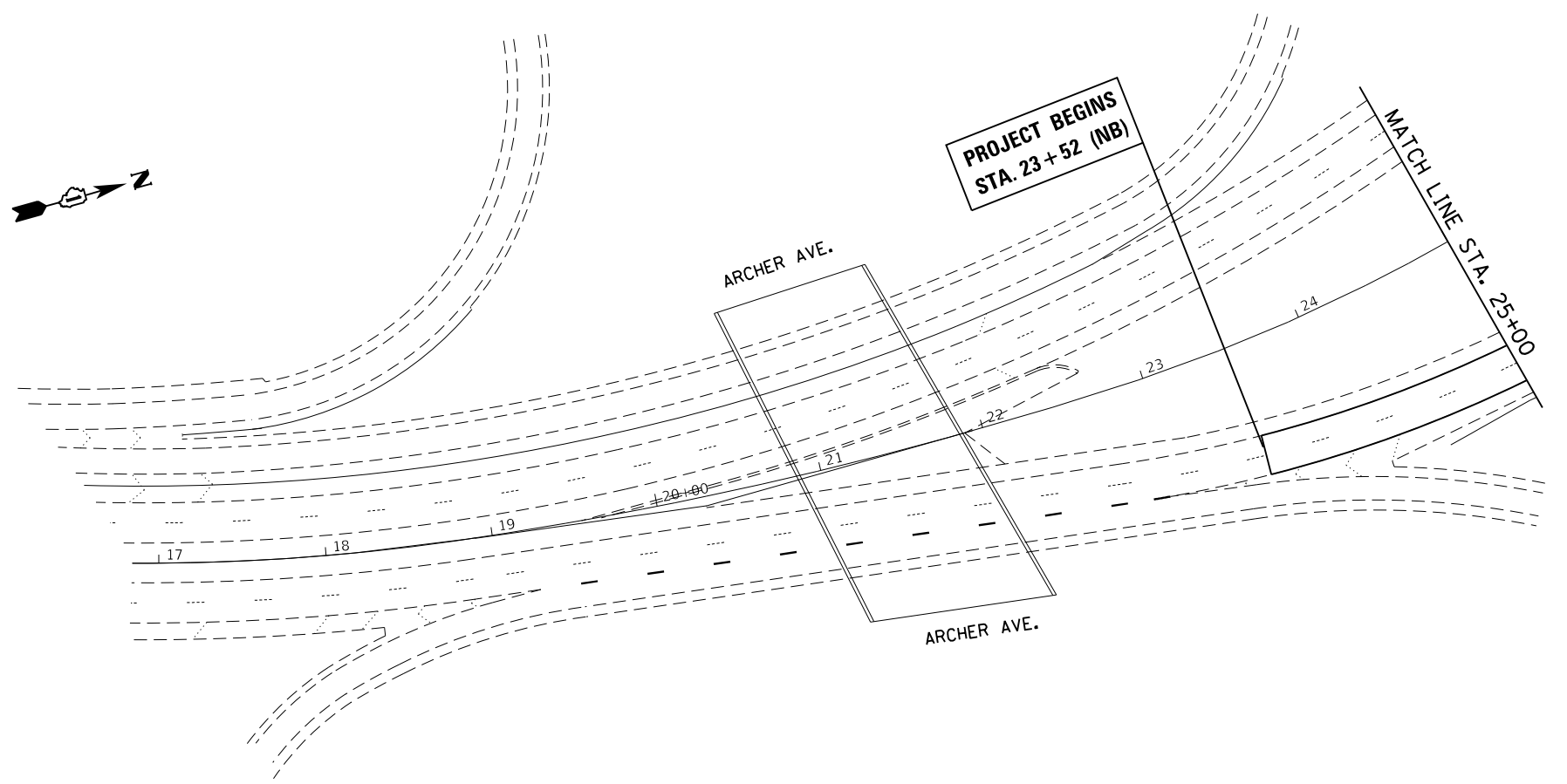
F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 73
CONTRACT NO. 62F58			ILLINOIS FED. AID PROJECT	

P:\60616005\18-PT177-004-W018-62F58-ADA_Ramps_La_Grange\01CAD\005Sheet\62F58_ADA_Sheet_50.dgn

- LANDSCAPING LIMITS (SHADED AREA IN ROADWAY SIDE)
- SEE CALLOUT FOR SPECIFIC DESCRIPTIONS AND PAY ITEMS
 - A DIFFERENT SHADE DENOTES LIMITS FOR A DIFFERENT SET OF SPECIFIC DESCRIPTION AND PAY ITEMS.

LIST OF DESCRIPTION AND PAY ITEM:

- 1 - CONCRETE SURFACE MEDIAN REMOVAL
- 2 - TOPSOIL FURNISH AND PLACE, 4"
- 3 - SEEDING CLASS 2A
- 4 - NITROGEN FERTILIZER NUTRIENT
- 5 - POTASSIUM FERTILIZER NUTRIENT
- 6 - EROSION CONTROL BLANKET
- 7 - INTERSEEDING, CLASS 4
- 8 - INTERSEEDING, CLASS 4 (MODIFIED)
- 9 - WEED CONTROL, BASAL TREATMENT
- 10 - WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
- 11 - MOWING (SPECIAL)
- 12 - TREE REMOVAL, ACRES (SPECIAL)
- 13 - MULCH METHOD 3A



MODEL: Default
 FILE: \\nas01\p01\ulb08\BID\NITEC\Illinois\gov\PIWDOT\Documents\DOT_Offices\DI\ref1_1\Projects\1016\BID\000\000\Drawings\101618-shr-detail02.dwg

USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 5/3/2018	DATE -	REVISED -

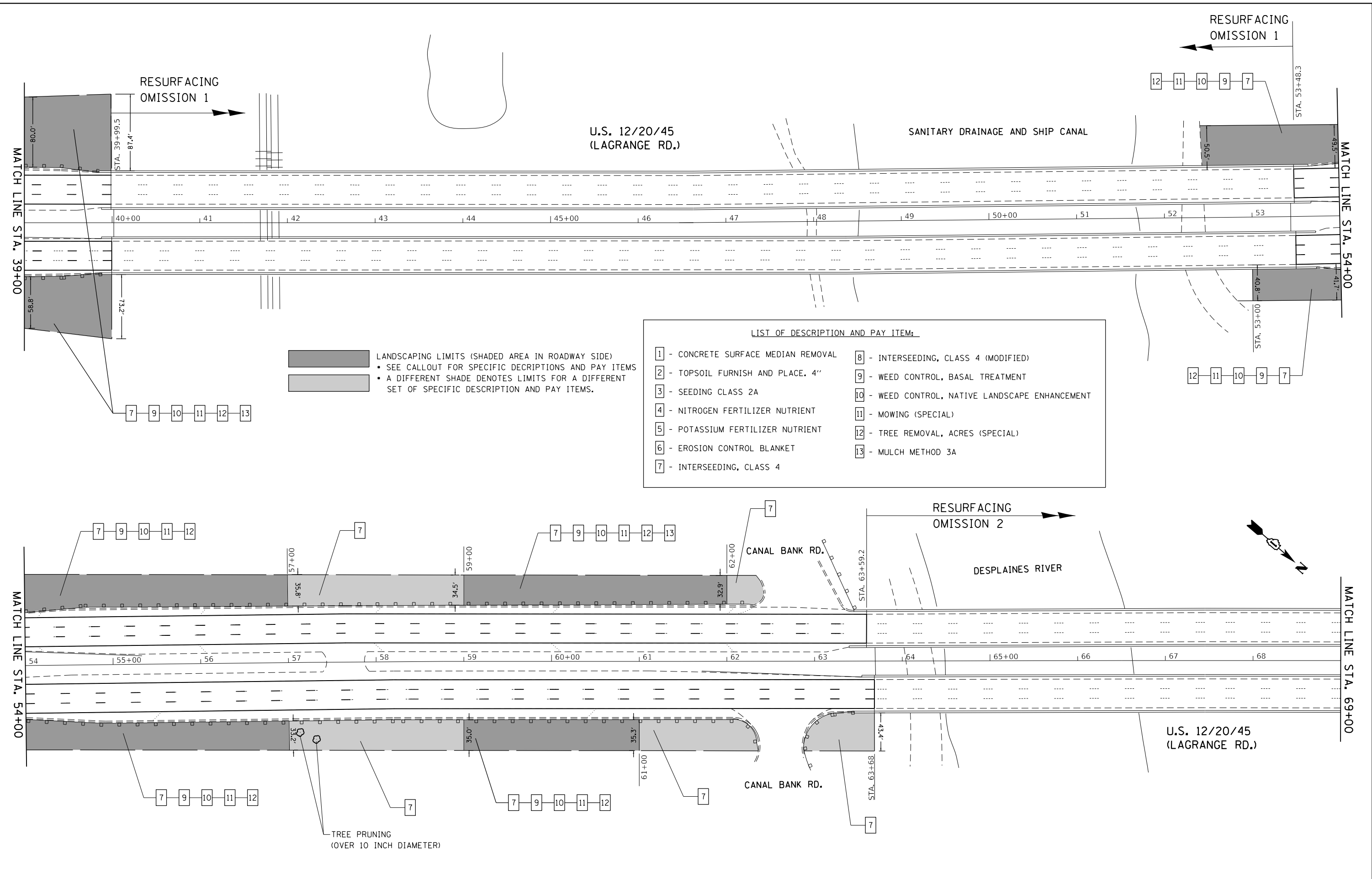
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING DETAILS
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	73A
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: \\nas01c.psu.edu\B&E\IDNT\EG_IL\minko\pwr\DOT\Documents\DOT_Offices\IDirect_1\Projects\1015\BICAD\B&E\Design\1015\18-ahr-detail02.dgn



LANDSCAPING LIMITS (SHADED AREA IN ROADWAY SIDE)
 • SEE CALLOUT FOR SPECIFIC DESCRIPTIONS AND PAY ITEMS
 • A DIFFERENT SHADE DENOTES LIMITS FOR A DIFFERENT SET OF SPECIFIC DESCRIPTION AND PAY ITEMS.

LIST OF DESCRIPTION AND PAY ITEM:	
1 - CONCRETE SURFACE MEDIAN REMOVAL	8 - INTERSEEDING, CLASS 4 (MODIFIED)
2 - TOPSOIL FURNISH AND PLACE, 4"	9 - WEED CONTROL, BASAL TREATMENT
3 - SEEDING CLASS 2A	10 - WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
4 - NITROGEN FERTILIZER NUTRIENT	11 - MOWING (SPECIAL)
5 - POTASSIUM FERTILIZER NUTRIENT	12 - TREE REMOVAL, ACRES (SPECIAL)
6 - EROSION CONTROL BLANKET	13 - MULCH METHOD 3A
7 - INTERSEEDING, CLASS 4	

USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/30/2018	DATE -	REVISED -

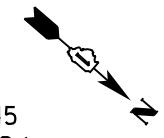
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING DETAILS
U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036R5	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 73B
CONTRACT NO. 62F58			ILLINOIS FED. AID PROJECT	

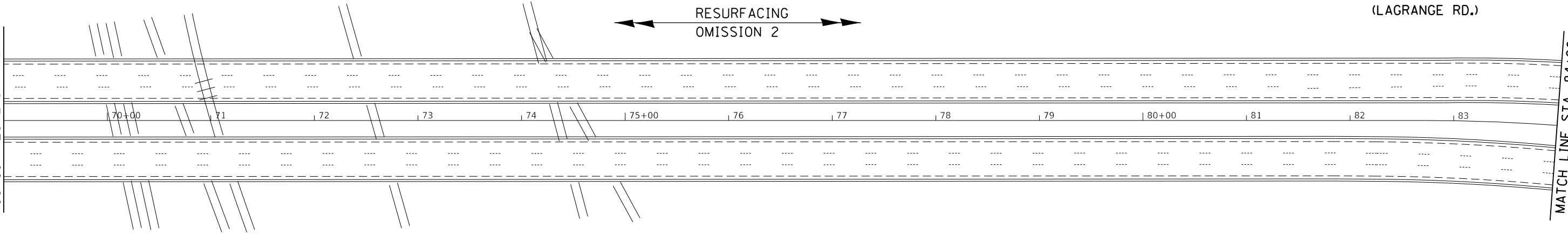
U.S. 12/20/45
(LAGRANGE RD.)



MATCH LINE STA. 69+00

MATCH LINE STA. 84+00

RESURFACING
OMISSION 2

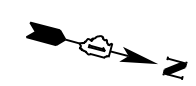


LANDSCAPING LIMITS (SHADED AREA IN ROADWAY SIDE)
 • SEE CALLOUT FOR SPECIFIC DESCRIPTIONS AND PAY ITEMS
 • A DIFFERENT SHADE DENOTES LIMITS FOR A DIFFERENT SET OF SPECIFIC DESCRIPTION AND PAY ITEMS.

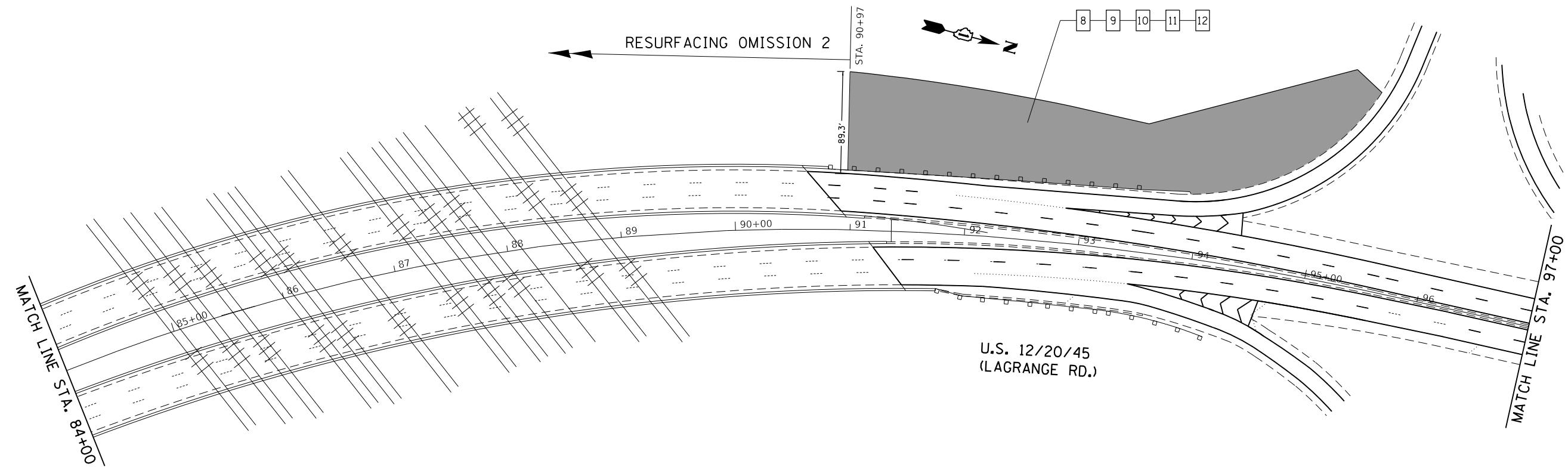
LIST OF DESCRIPTION AND PAY ITEM:	
1 - CONCRETE SURFACE MEDIAN REMOVAL	8 - INTERSEEDING, CLASS 4 (MODIFIED)
2 - TOPSOIL FURNISH AND PLACE, 4"	9 - WEED CONTROL, BASAL TREATMENT
3 - SEEDING CLASS 2A	10 - WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
4 - NITROGEN FERTILIZER NUTRIENT	11 - MOWING (SPECIAL)
5 - POTASSIUM FERTILIZER NUTRIENT	12 - TREE REMOVAL, ACRES (SPECIAL)
6 - EROSION CONTROL BLANKET	13 - MULCH METHOD 3A
7 - INTERSEEDING, CLASS 4	

RESURFACING OMISSION 2

STA. 90+97



8 9 10 11 12



MATCH LINE STA. 84+00

MATCH LINE STA. 97+00

U.S. 12/20/45
(LAGRANGE RD.)

MODEL: Default
FILE: \\nas01\proj\1108\B&E\BIDD\ITEC\Illinois.gov\PIWDOT\Documents\BIDD\Office\BID\refct_1\proj\csd\1016\B\CADD\data\Defgn\101618-shr-detail02.dgn

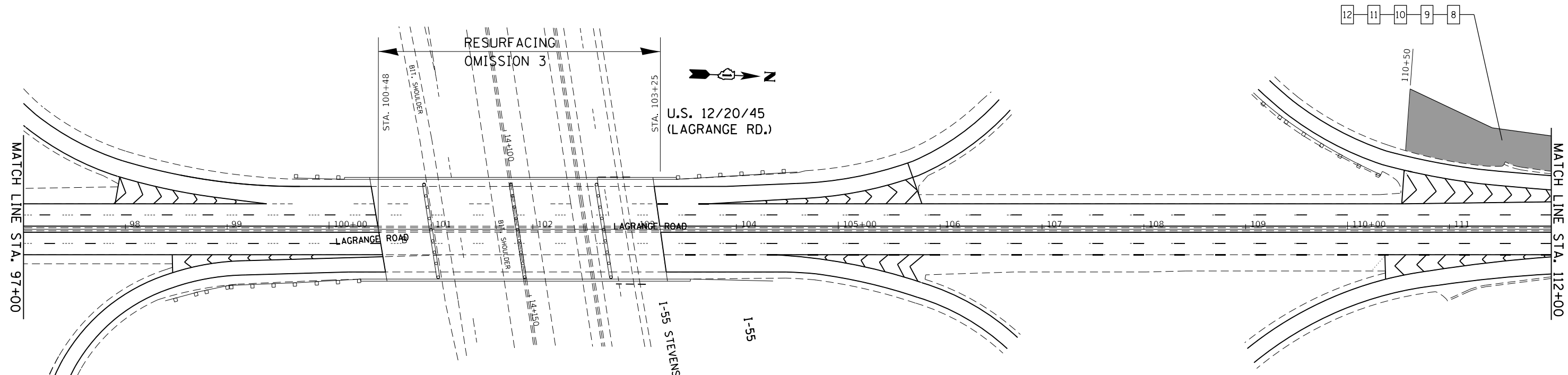
USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING DETAILS			
U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	73C
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

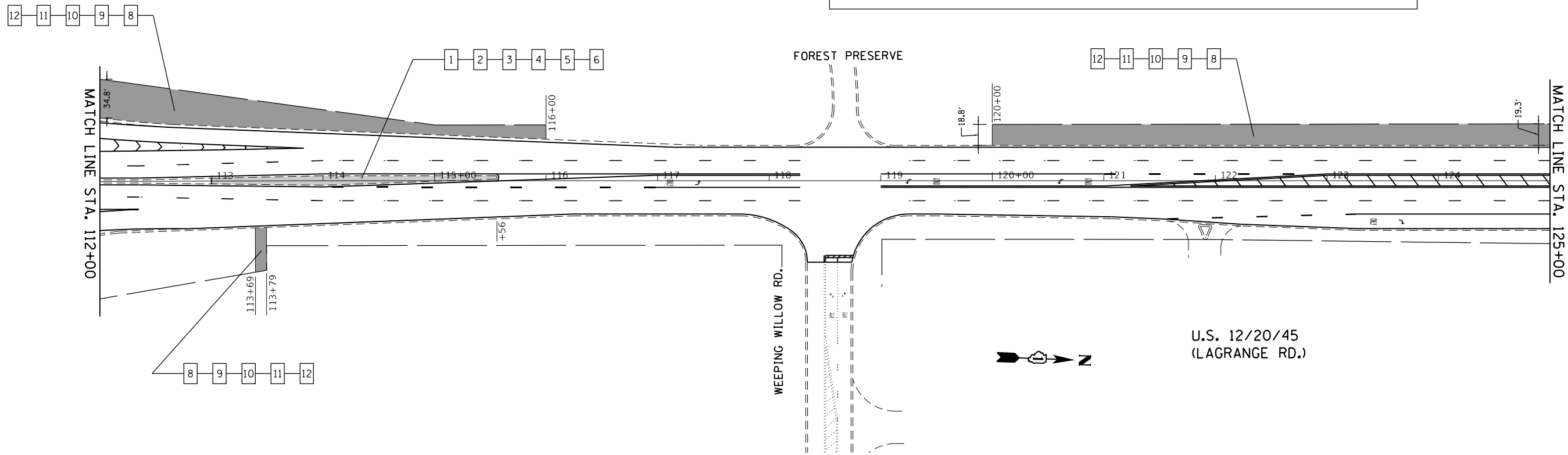
MODEL: Default
 FILE: \\nlsr01\public\B&E\BID\ITC\Illinois\gov\PWD\DOT\Documents\BID\T\Projects\1015\BICAD\B&E\DWG\1015-18-ahr-detail02.dwg



LANDSCAPING LIMITS (SHADED AREA IN ROADWAY SIDE)
 • SEE CALLOUT FOR SPECIFIC DESCRIPTIONS AND PAY ITEMS
 • A DIFFERENT SHADE DENOTES LIMITS FOR A DIFFERENT SET OF SPECIFIC DESCRIPTION AND PAY ITEMS.

LIST OF DESCRIPTION AND PAY ITEM:

1 - CONCRETE SURFACE MEDIAN REMOVAL	8 - INTERSEEDING, CLASS 4 (MODIFIED)
2 - TOPSOIL FURNISH AND PLACE. 4"	9 - WEED CONTROL, BASAL TREATMENT
3 - SEEDING CLASS 2A	10 - WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
4 - NITROGEN FERTILIZER NUTRIENT	11 - MOWING (SPECIAL)
5 - POTASSIUM FERTILIZER NUTRIENT	12 - TREE REMOVAL, ACRES (SPECIAL)
6 - EROSION CONTROL BLANKET	13 - MULCH METHOD 3A
7 - INTERSEEDING, CLASS 4	



USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -
PLOT DATE = 4/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING DETAILS
 U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.)**

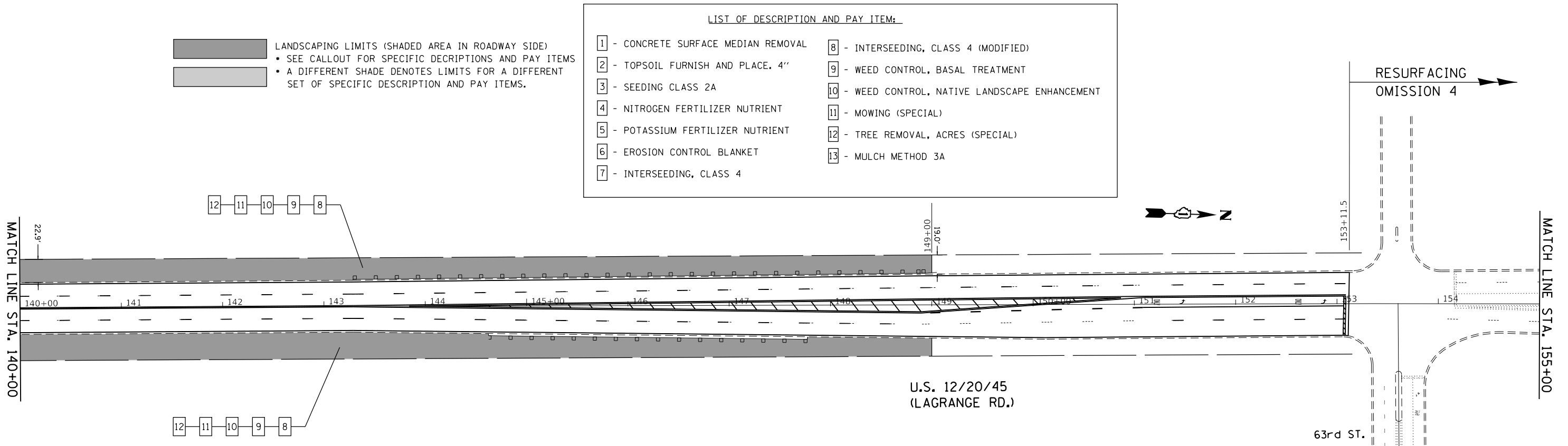
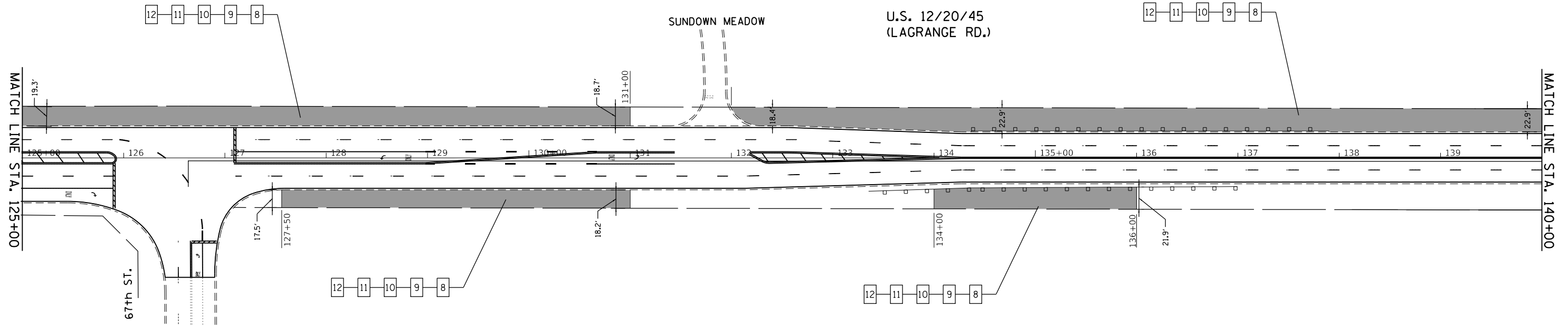
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	73D
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



U.S. 12/20/45
(LAGRANGE RD.)

SUNDOWN MEADOW



LANDSCAPING LIMITS (SHADED AREA IN ROADWAY SIDE)
 • SEE CALLOUT FOR SPECIFIC DESCRIPTIONS AND PAY ITEMS
 • A DIFFERENT SHADE DENOTES LIMITS FOR A DIFFERENT SET OF SPECIFIC DESCRIPTION AND PAY ITEMS.

LIST OF DESCRIPTION AND PAY ITEM:

1 - CONCRETE SURFACE MEDIAN REMOVAL	8 - INTERSEEDING, CLASS 4 (MODIFIED)
2 - TOPSOIL FURNISH AND PLACE, 4"	9 - WEED CONTROL, BASAL TREATMENT
3 - SEEDING CLASS 2A	10 - WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
4 - NITROGEN FERTILIZER NUTRIENT	11 - MOWING (SPECIAL)
5 - POTASSIUM FERTILIZER NUTRIENT	12 - TREE REMOVAL, ACRES (SPECIAL)
6 - EROSION CONTROL BLANKET	13 - MULCH METHOD 3A
7 - INTERSEEDING, CLASS 4	



U.S. 12/20/45
(LAGRANGE RD.)

RESURFACING
OMISSION 4

MODEL: Default
 FILE: \\nls\p\1108\B&E\BID\NTEC\Illinois.gov\RW\DOT\Documents\101518\COADD\data\Drawings\101518-ah-cesh102.dgn

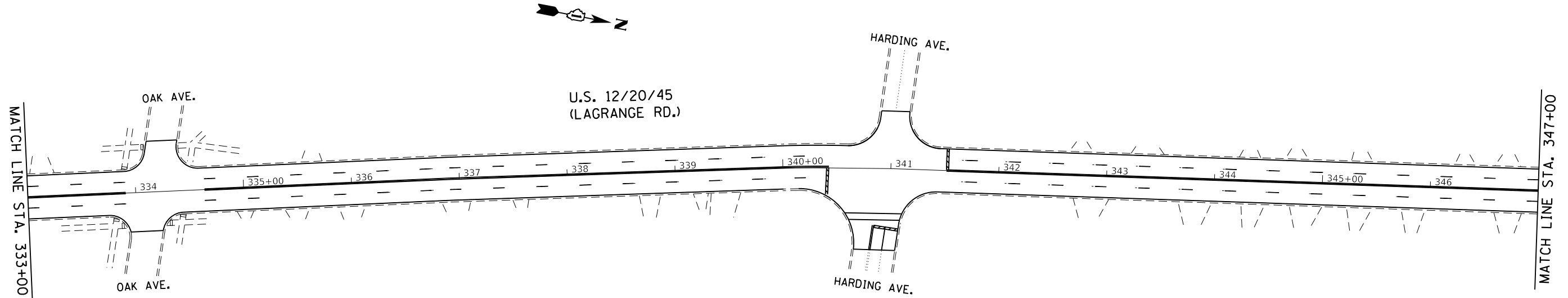
USER NAME = paraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING DETAILS
U.S. RTE. 12/20/45 (SOUTH OF I-294 TO 31st ST.)

SCALE: SHEET OF SHEETS STA. TO STA.

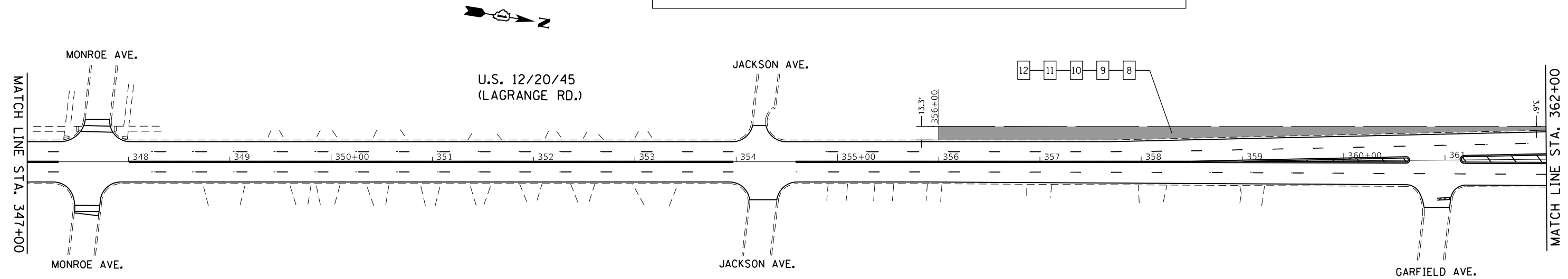
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	73E
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



LANDSCAPING LIMITS (SHADED AREA IN ROADWAY SIDE)
 • SEE CALLOUT FOR SPECIFIC DESCRIPTIONS AND PAY ITEMS
 • A DIFFERENT SHADE DENOTES LIMITS FOR A DIFFERENT SET OF SPECIFIC DESCRIPTION AND PAY ITEMS.

LIST OF DESCRIPTION AND PAY ITEM:

1 - CONCRETE SURFACE MEDIAN REMOVAL	8 - INTERSEEDING, CLASS 4 (MODIFIED)
2 - TOPSOIL FURNISH AND PLACE. 4"	9 - WEED CONTROL, BASAL TREATMENT
3 - SEEDING CLASS 2A	10 - WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT
4 - NITROGEN FERTILIZER NUTRIENT	11 - MOWING (SPECIAL)
5 - POTASSIUM FERTILIZER NUTRIENT	12 - TREE REMOVAL, ACRES (SPECIAL)
6 - EROSION CONTROL BLANKET	13 - MULCH METHOD 3A
7 - INTERSEEDING, CLASS 4	



MODEL: Default
 FILE NAME: p:\11084848\BID\NTEG\Illinois.pwr\PWDOT\Documents\DOT Office\Bldg\11\Projects\101616\PCAD\Bldg\Design\10161618-shr-detailed.dwg

USER NAME = peraynoal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/30/2018	DATE -	REVISED -

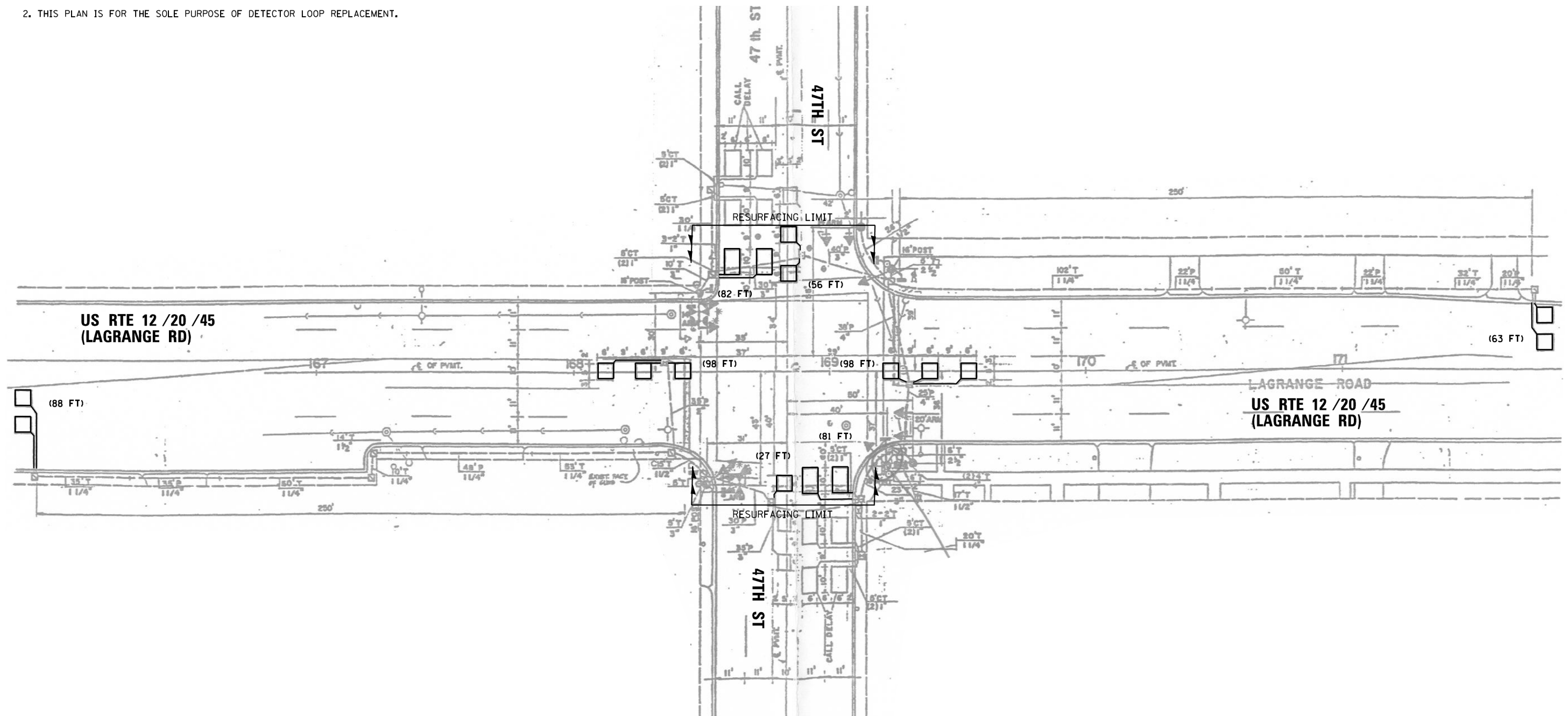
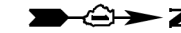
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING DETAILS			
U.S. RTE. 1220/45 (SOUTH OF I-294 TO 31st ST.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	73F
CONTRACT NO. 62F58				
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.



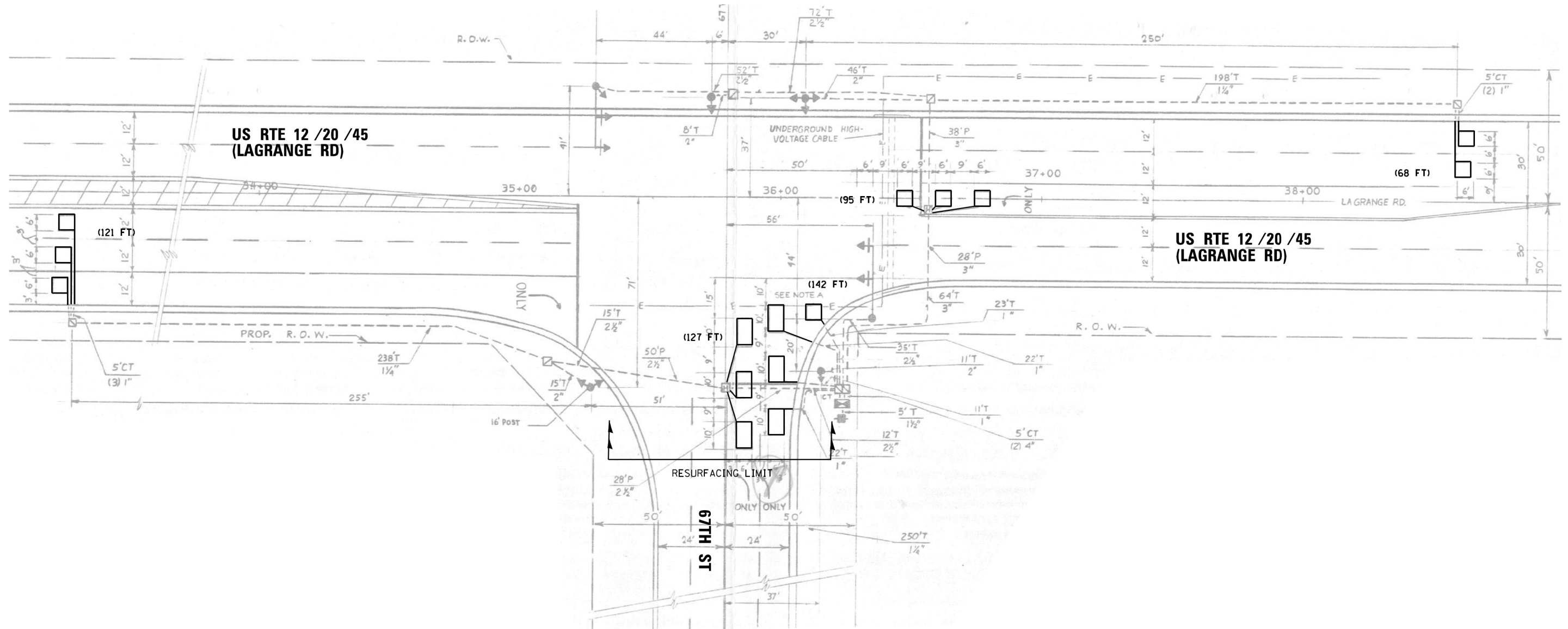
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	593	FOOT

FILE NAME =	USER NAME = snowbe	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 /20 /45 (LAGRANGE RD) AT 47TH ST	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
TS1030 - US RTE 12-20-45 AT 47TH ST.10182017.dgn		DRAWN - BAS	REVISED -			330	2017-036RS	COOK	100	75	
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62F58					
	PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISED -			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.



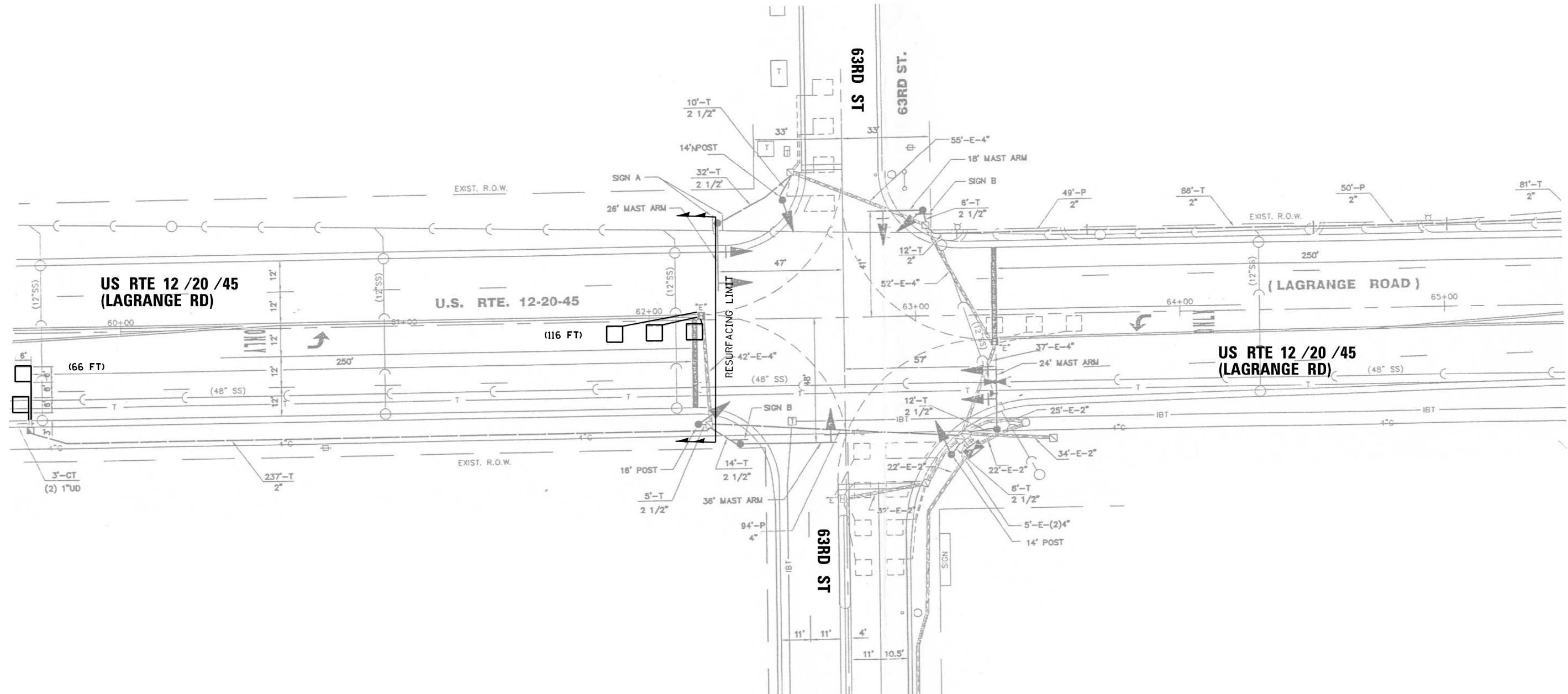
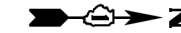
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	553	FOOT

FILE NAME = TSI040 - US RTE 12-20-45 AT 67TH ST.10/18/2017.dgn	USER NAME = snowbe	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 /20 /45 (LAGRANGE RD) AT 67TH ST	F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 77		
PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISIED -	SCALE:			SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 62F58				
PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISIED -										
Default												

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	182	FOOT

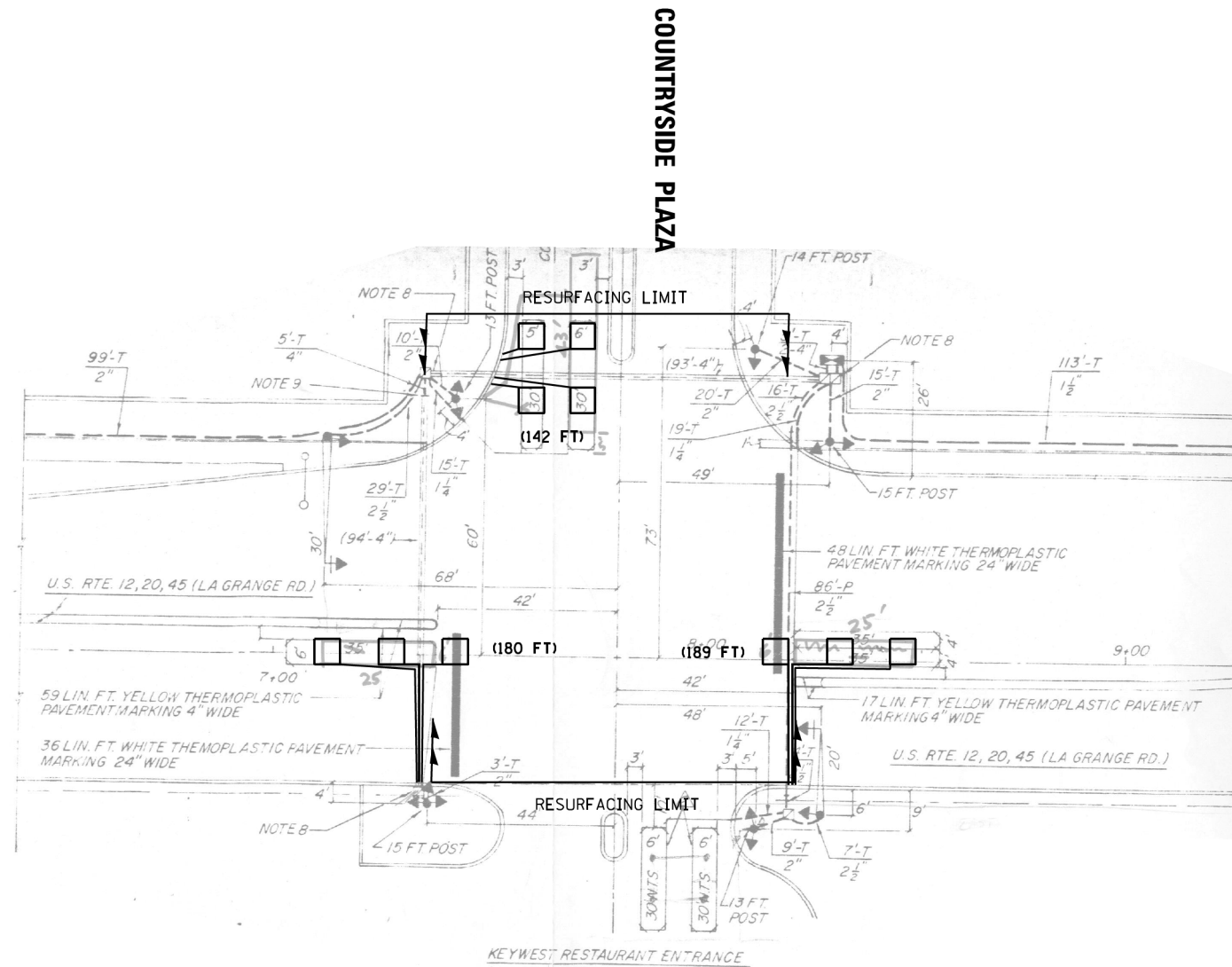
FILE NAME = TS1043 - US RTE 12-20-45 AT 63RD ST.10/18/2017.dgn	USER NAME = snowbe	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 /20 /45 (LAGRANGE RD) AT 63RD ST	F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 78	
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62F58					
	PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: SHEET OF SHEETS STA. TO STA.					

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.



**US RTE 12 /20 /45
(LAGRANGE RD)**



(66 FT)
(APPROX. 250FT FROM STOP BAR)

**US RTE 12 /20 /45
(LAGRANGE RD)**

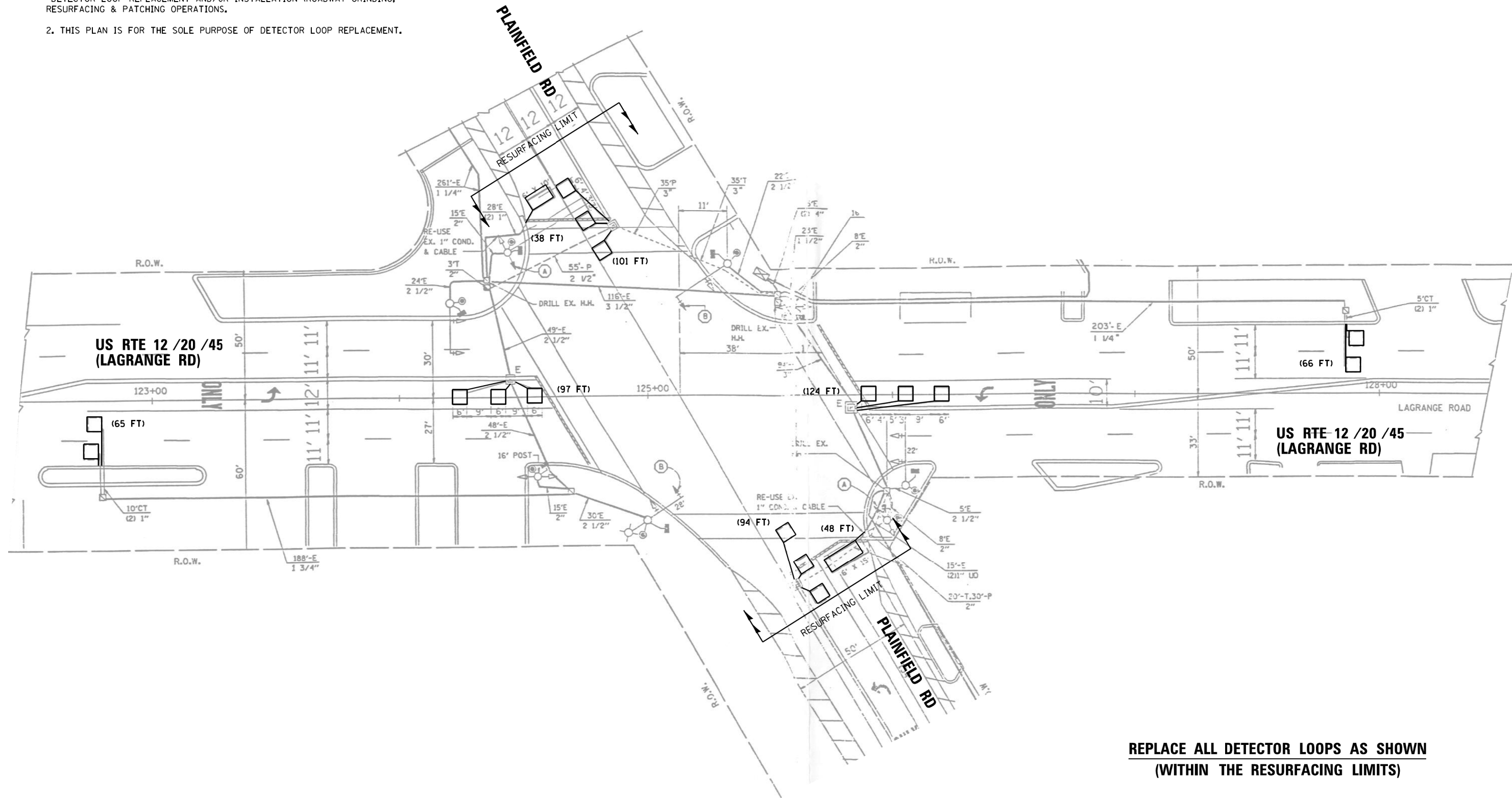
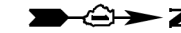
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	577	FOOT

FILE NAME =	USER NAME = snowbe	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 /20 /45 (LAGRANGE RD) AT COUNTRYSIDE PLAZA	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
TS1055 - US RTE 12-20-45 AT COUNTRYSIDE	PLAZA_10182017.dgn	DRAWN - BAS	REVISED -			330	2017-036RS	COOK	100	79	
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62F58					
	PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISED -			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.



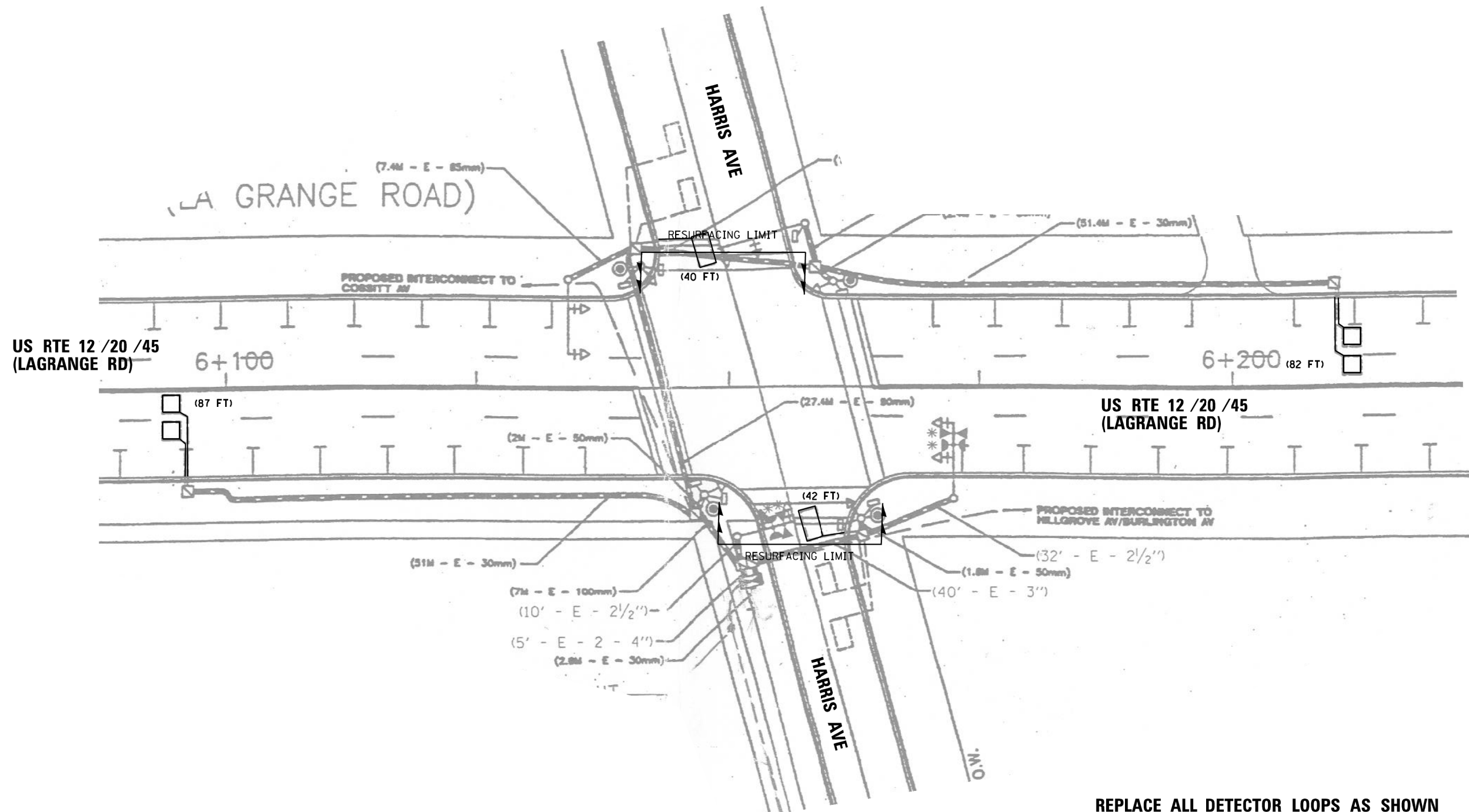
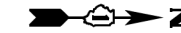
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	633	FOOT

FILE NAME = TS1065 - US RTE 12-20-45 AT PLAINFIELD	USER NAME = snowbe RD_10182017.dgn	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 / 20 / 45 (LAGRANGE RD) AT PLAINFIELD RD	F.A.P. RTE. 330	SECTION 2017-036RS	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 80	
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62F58					
	PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET	OF	SHEETS	STA.	TO

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.



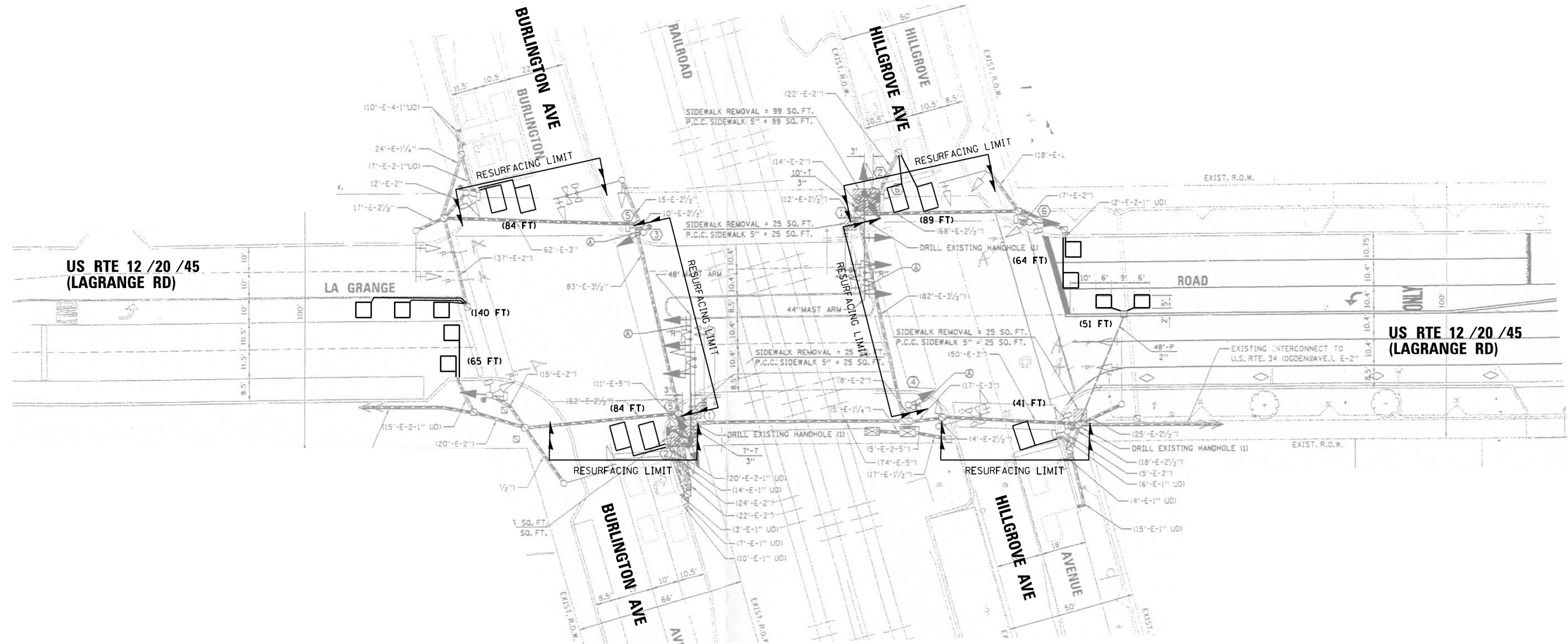
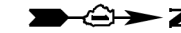
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	251	FOOT

FILE NAME =	USER NAME = vargese	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 /20 /45 (LAGRANGE RD) AT HARRIS AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
TS13880 - US RTE 12-20-45 AT HARRIS AVE	10182017.dgn	DRAWN - BAS	REVISED -			330	2017-036RS	COOK	100	81	
Default	PLOT SCALE = 40,0000' / 1" =	CHECKED - LP	REVISED -			CONTRACT NO. 62F58					
	PLOT DATE = 4/23/2018	DATE - 10/18/2017	REVISED -			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.



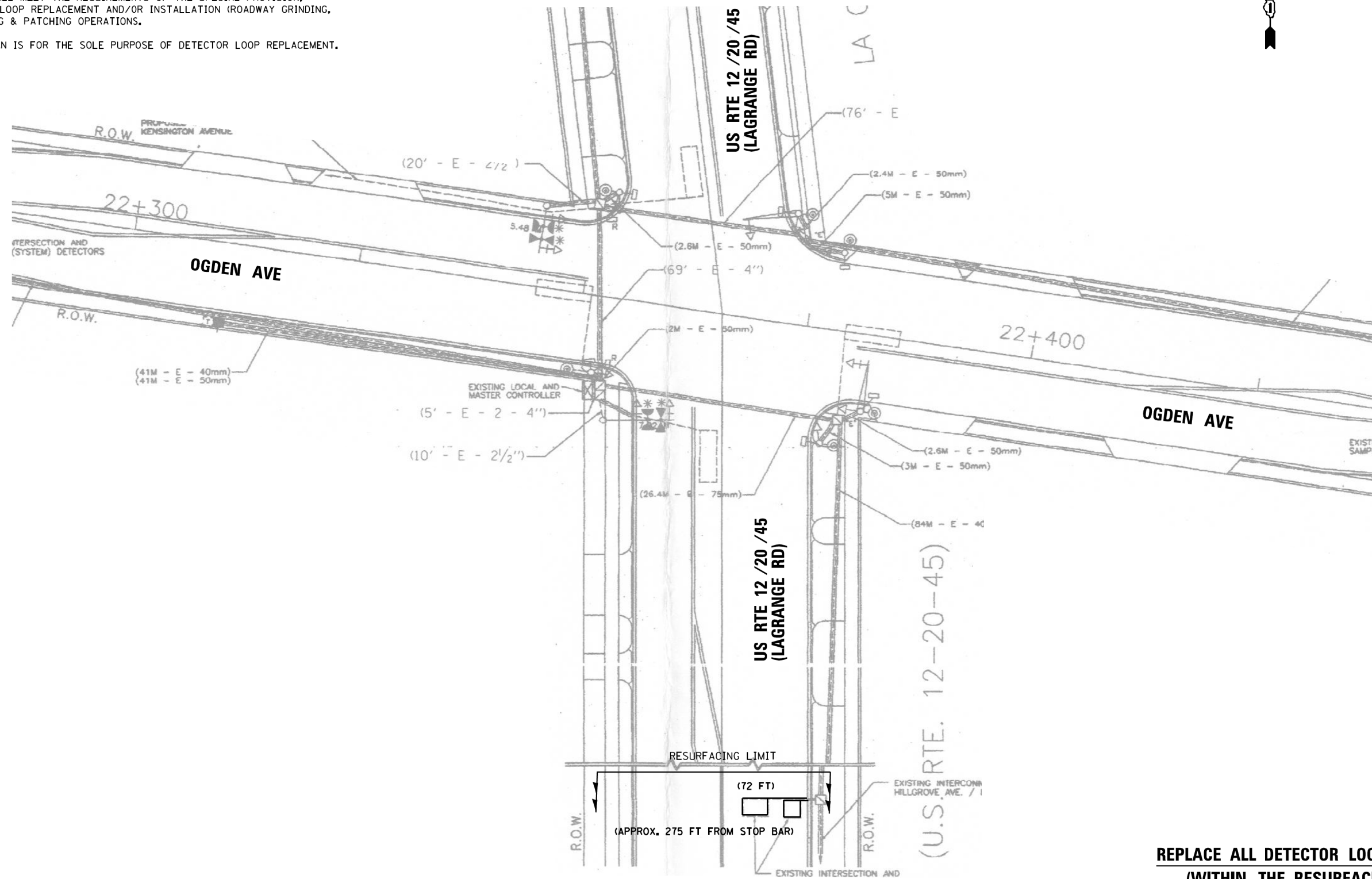
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	618	FOOT

FILE NAME =	USER NAME = snowba	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 /20 /45 (LAGRANGE RD) AT BURLINGTON AVE /HILLGROVE AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
TS13905 - US RTE 12-20-45 AT BURLINGTON	AVE-HILLGROVE AVE_10182017.dgn	DRAWN - BAS	REVISED -			330	2017-036RS	COOK	100	83	
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62F58					
	PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISED -			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	72	FOOT

FILE NAME =	USER NAME = snowbe	DESIGNED - BAS	REVISED -
TS13910 - US RTE 12-20-45 AT OGDEN AVE	0182017.dgn	DRAWN - BAS	REVISED -
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

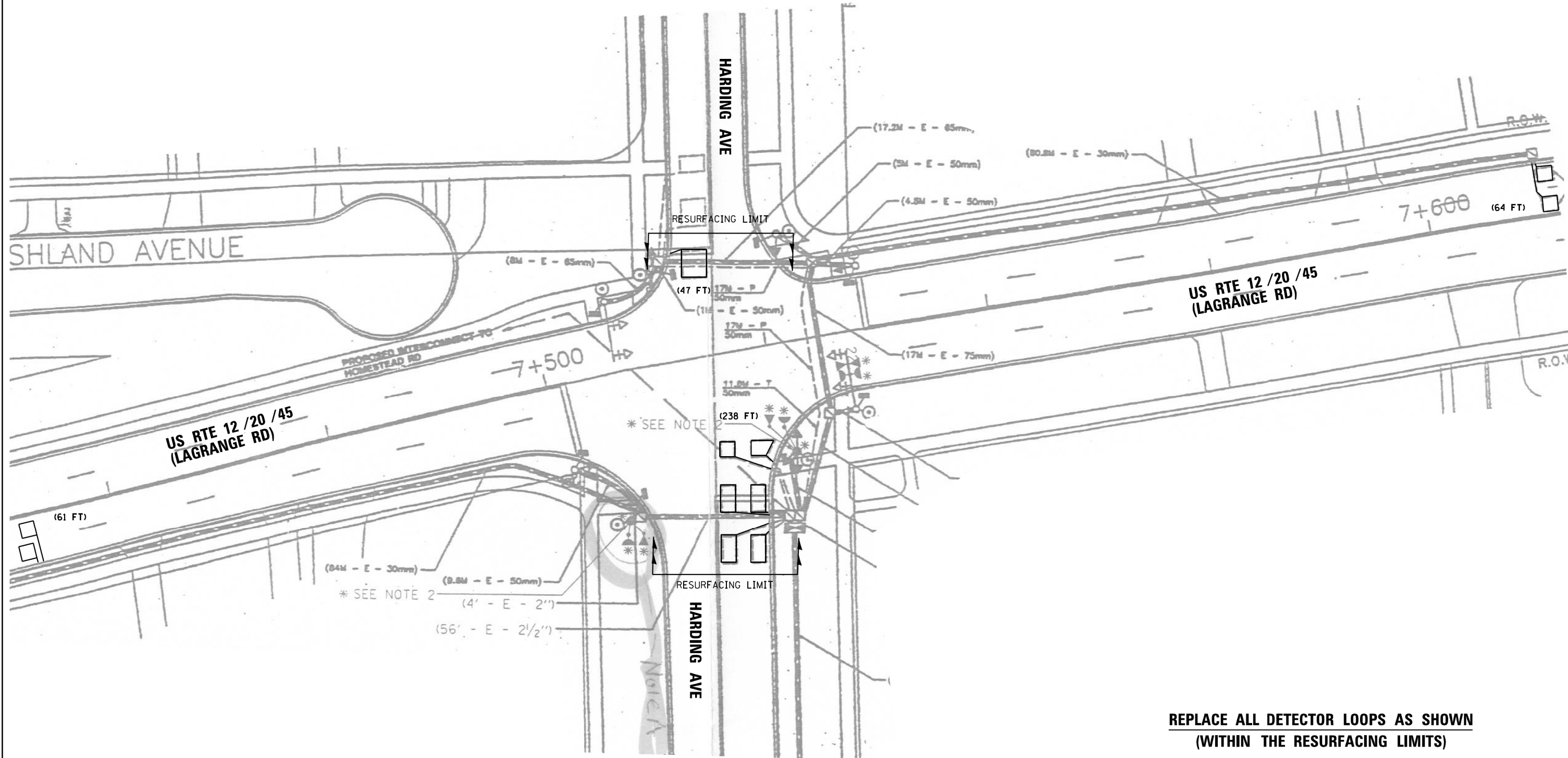
**DETECTOR LOOP REPLACEMENT PLAN
US RTE 12 / 20 / 45 (LAGRANGE RD) AT OGDEN AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	84
CONTRACT NO. 62F58				
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.

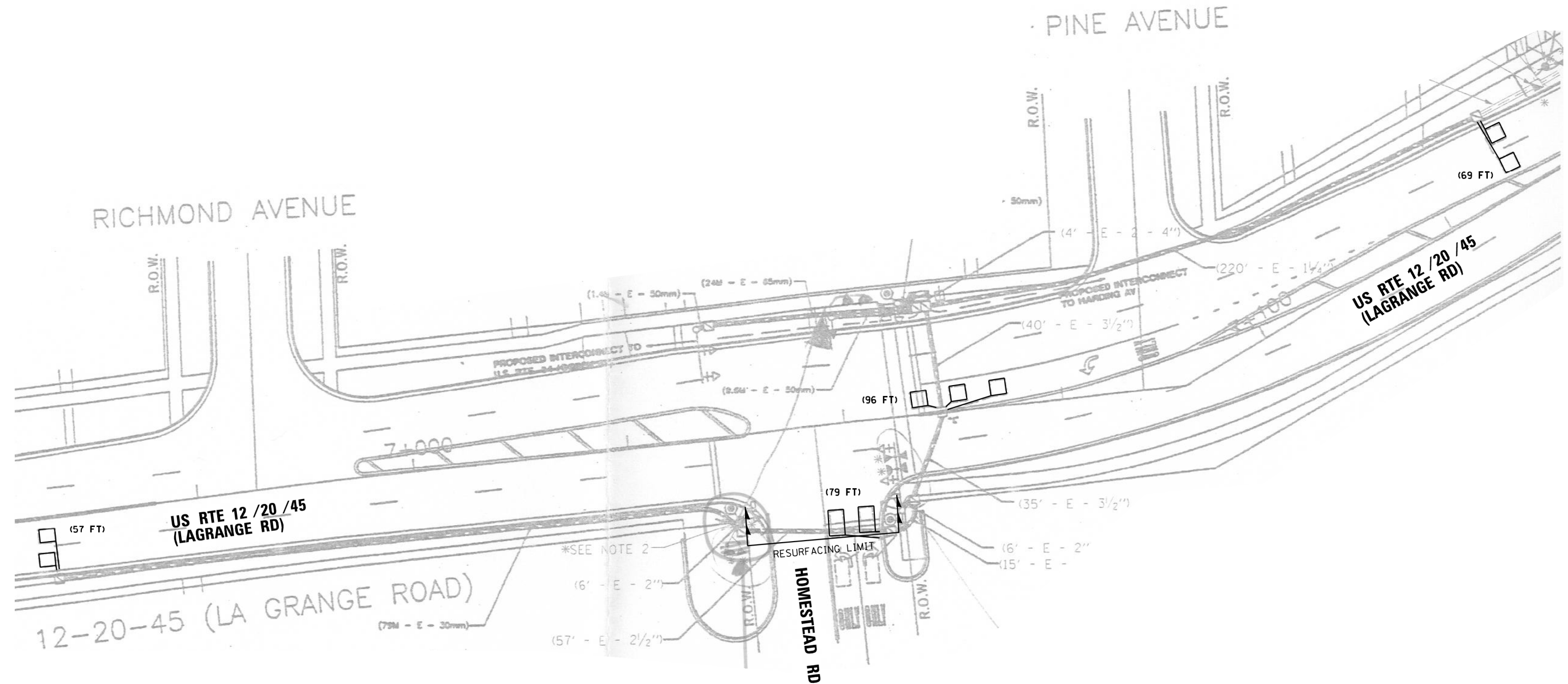


CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	410	FOOT

FILE NAME =	USER NAME = snowbe	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US RTE 12 /20 /45 (LAGRANGE RD) AT HARDING AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
TS13915 - US RTE 12-20-45 AT HARDING RD	10232017.dgn	DRAWN - BAS	REVISED -			330	2017-036RS	COOK	100	85	
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62F58					
	PLOT DATE = 10/23/2017	DATE - 10/18/2017	REVISED -			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)**

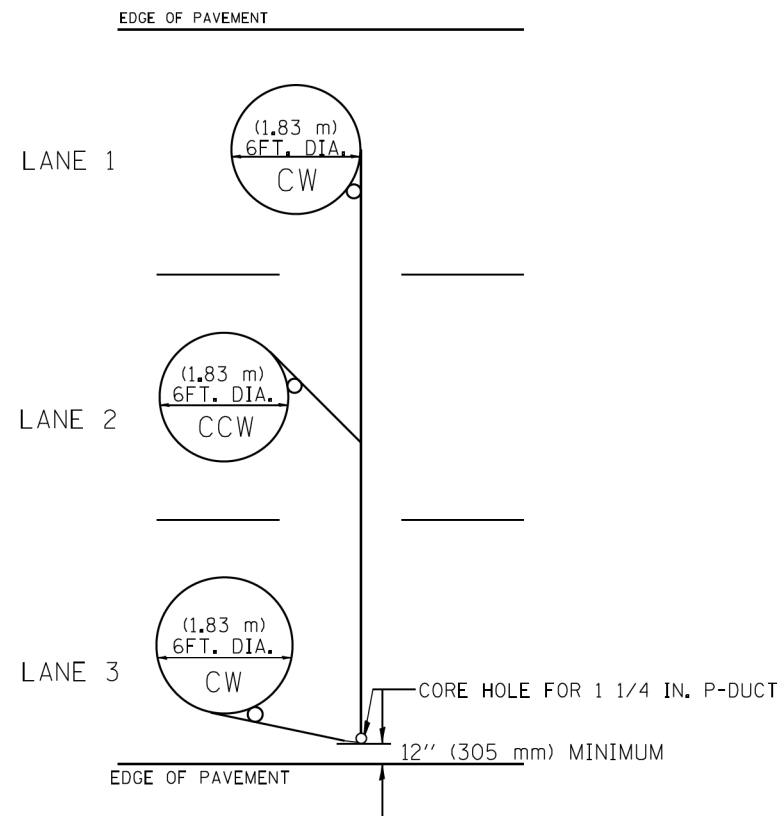
CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	301	FOOT

FILE NAME =	USER NAME = snowbe	DESIGNED - BAS	REVISED -
TS13920 - US RTE 12-20-45 AT HOMESTEAD	RD_10182017.dgn	DRAWN - BAS	REVISED -
Default	PLOT SCALE = 48.0000' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 10/18/2017	DATE - 10/18/2017	REVISED -

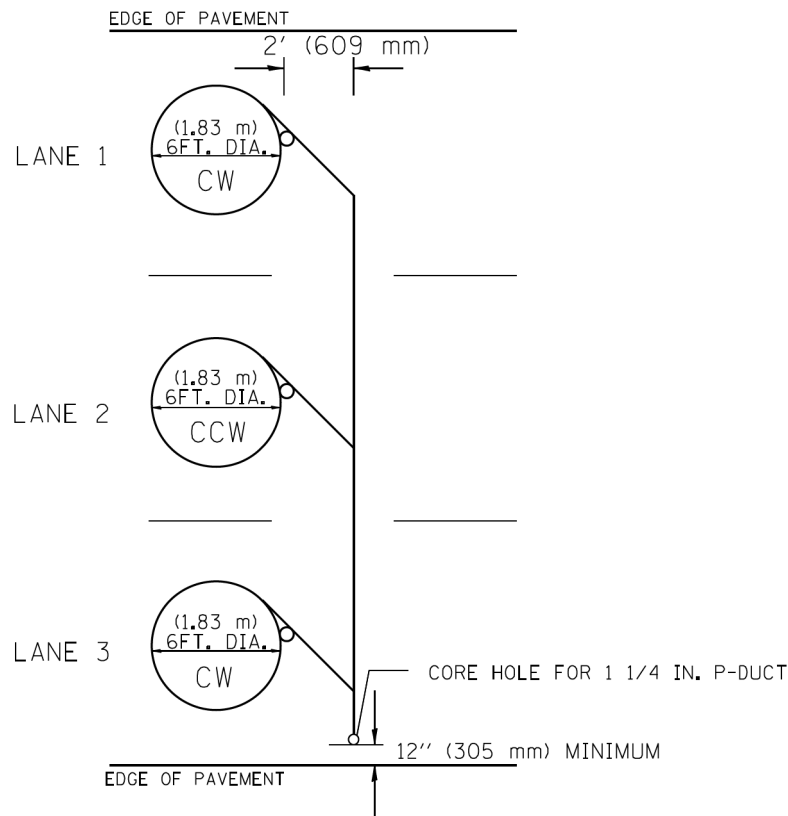
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
US RTE 12 / 20 / 45 (LAGRANGE RD) AT HOMESTEAD RD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

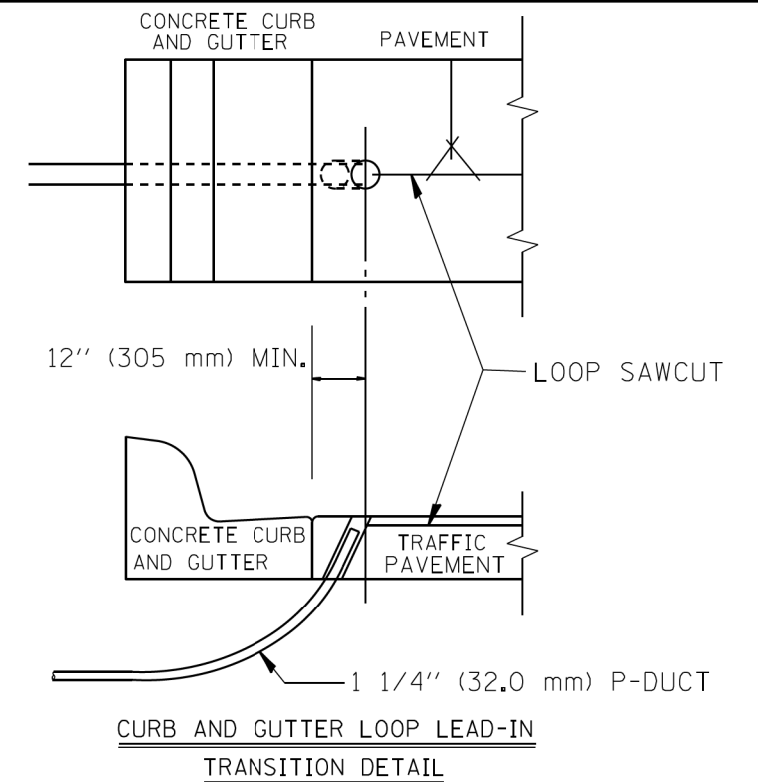
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	86
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				



TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



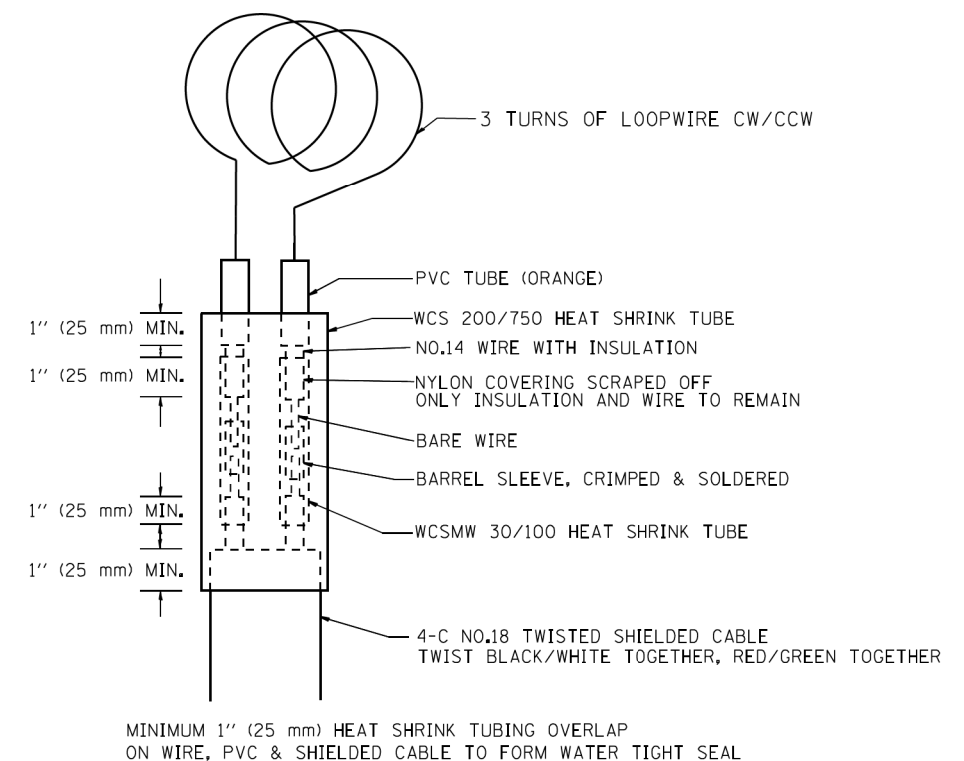
TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY



CURB AND GUTTER LOOP LEAD-IN
TRANSITION DETAIL

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150FT. (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.



LOOP SPLICING REQUIREMENTS

MODEL: Default
FILE: \\mtrc\p\m\110848E\INDITEG\Illinois.gov\PROJECTS\Documents\DOT\Office\District1\Projects\101818\ICAD\Design\101818.dwg: detail03.dwg

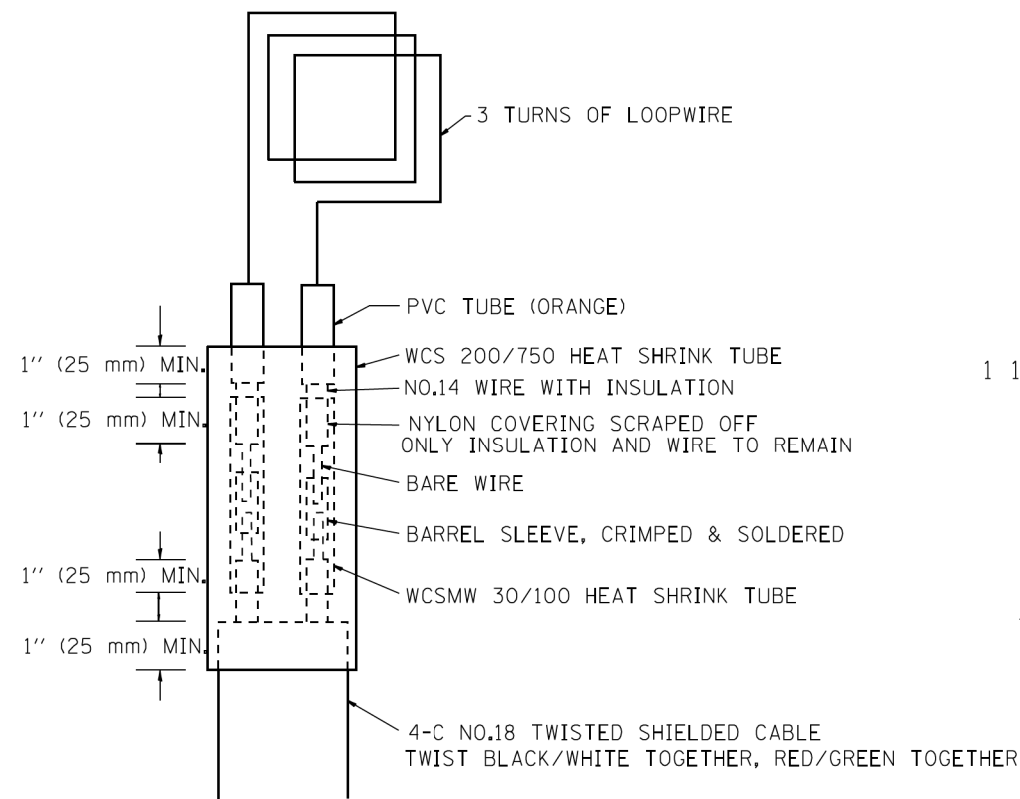
USER NAME = paragonal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 5/2/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROUND INDUCTION LOOP TYPICALS	
SCALE:	SHEET OF SHEETS STA. TO STA.

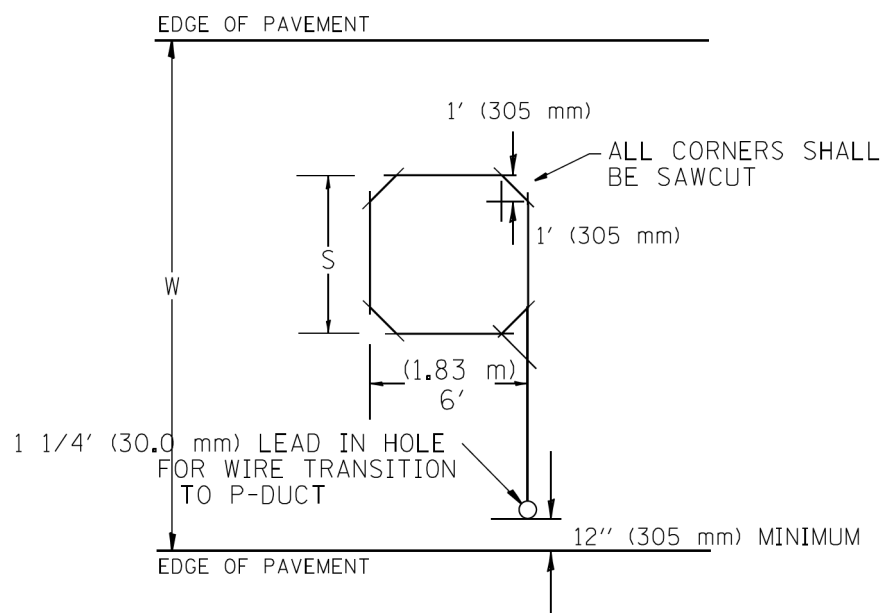
F.A.P. RTE. 330	SECTION 2017-036R5	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 87A
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#2)

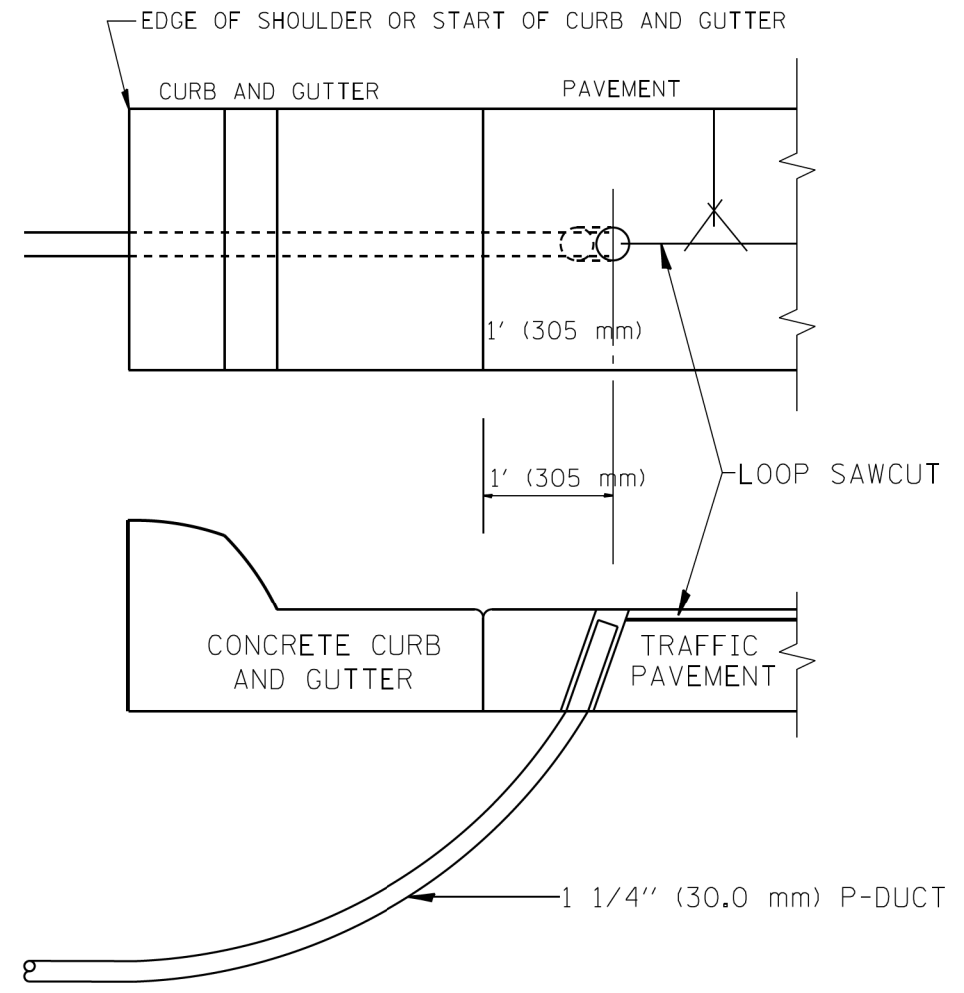


MINIMUM 1" (25 mm) HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

LOOP SPLICING REQUIREMENTS



TYPICAL "S" FT. BY 6' (1.83 m) INDUCTION LOOP SAWCUT LAYOUT FOR RAMPS



CURB AND GUTTER LOOP LEAD-IN TRANSITION DETAIL

WIDTH (W)	WIDTH (S)
12' (3.7 m)	8' (2.5 m)
13' (4.0 m)	9' (2.8 m)
14' (4.3 m)	10' (3.1 m)
15' (4.6 m)	11' (3.4 m)
16' (4.9 m)	12' (3.7 m)
17' (5.2 m)	13' (4.0 m)
18' (5.5 m)	14' (4.3 m)
19' (5.8 m)	15' (4.6 m)
20' (6.1 m)	18' (4.9 m)
21' (6.4 m)	17' (5.2 m)
22' (6.7 m)	18' (5.5 m)
23' (7.0 m)	19' (5.8 m)
24' (7.3 m)	20' (6.1 m)
25' (7.6 m)	21' (6.4 m)

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150' (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

MODEL: Default FILE: \\mtrc\proj\11048\BID\NTECS\Illinois.gov\PROJECTS\Documents\DOT_Offices\District 1\Projects\1016\BID\BIDD\BIDD\Design\1016\18.dwg: detail03.dwg

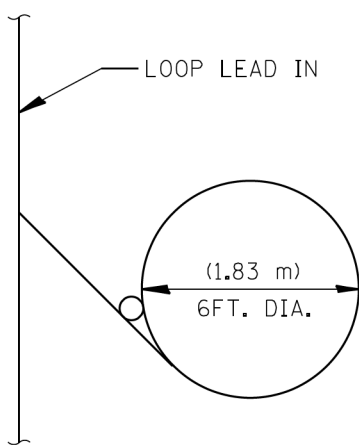
USER NAME = paragonal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 5/2/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

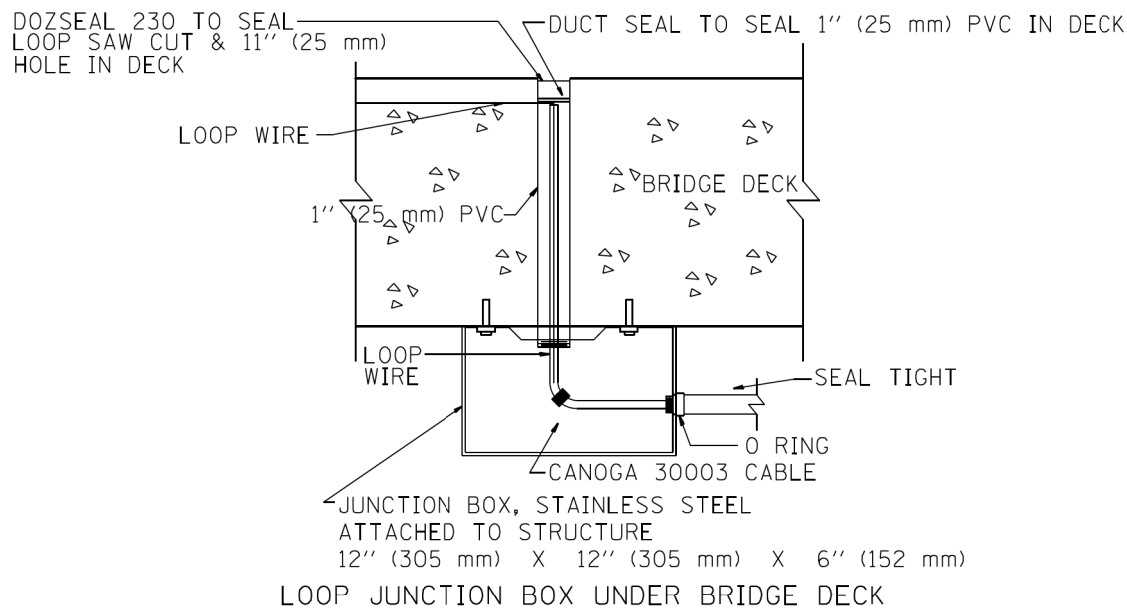
**RECTANGULAR INDUCTION LOOP
TYPICAL**

F.A.P. RTE. 330	SECTION 2017-036R5	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 87B
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

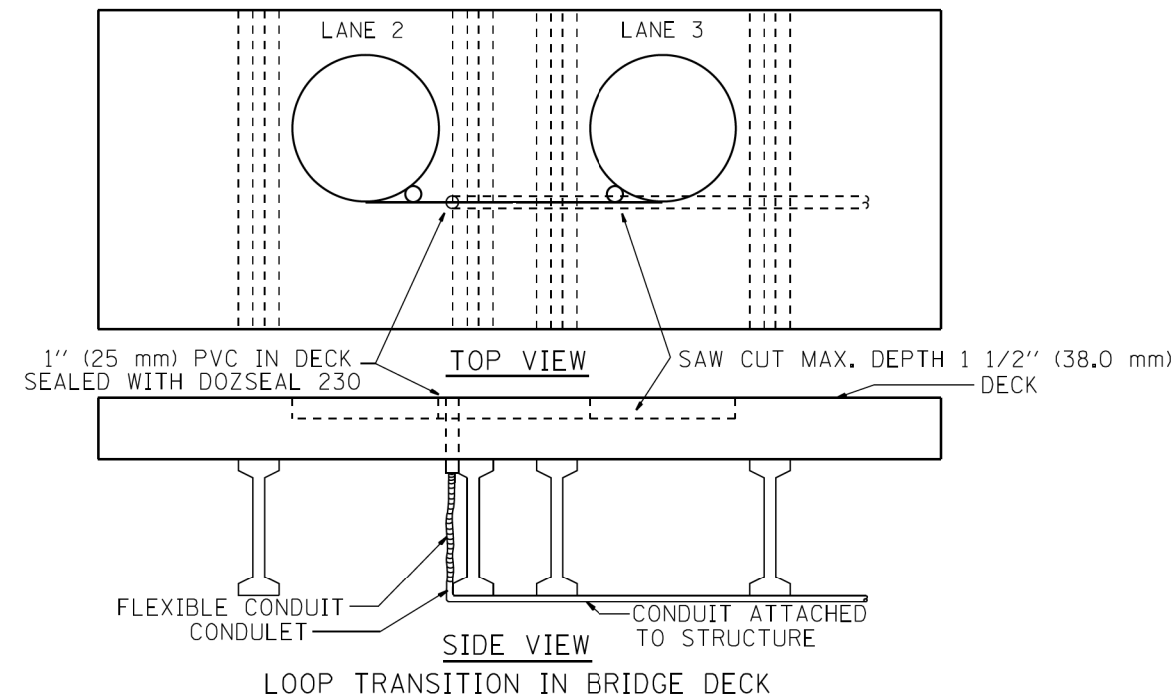
SCALE: SHEET OF SHEETS STA. TO STA.



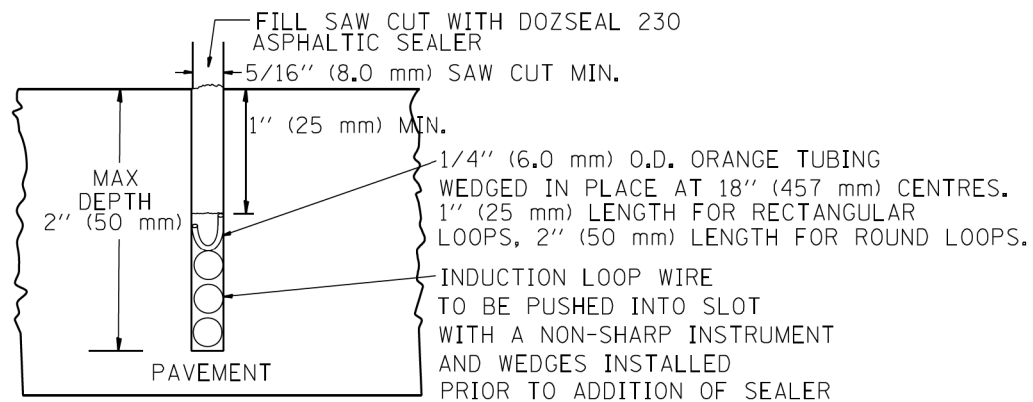
TYPICAL LOOP SAWCUT LAYOUT



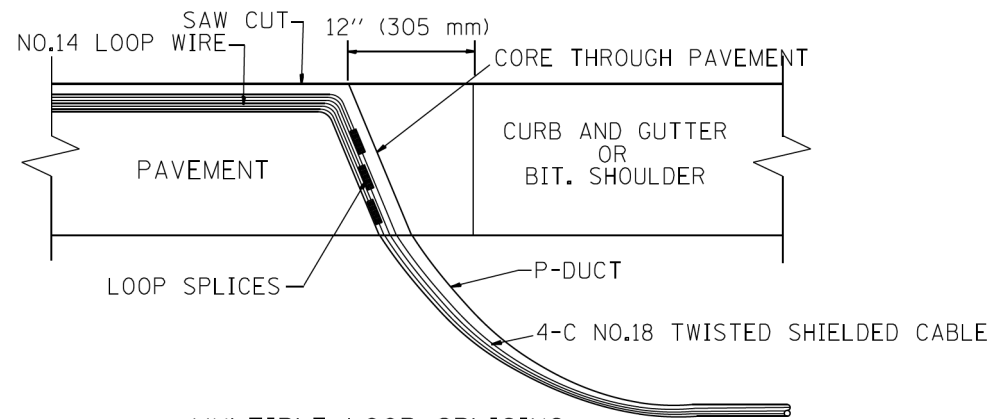
LOOP JUNCTION BOX UNDER BRIDGE DECK



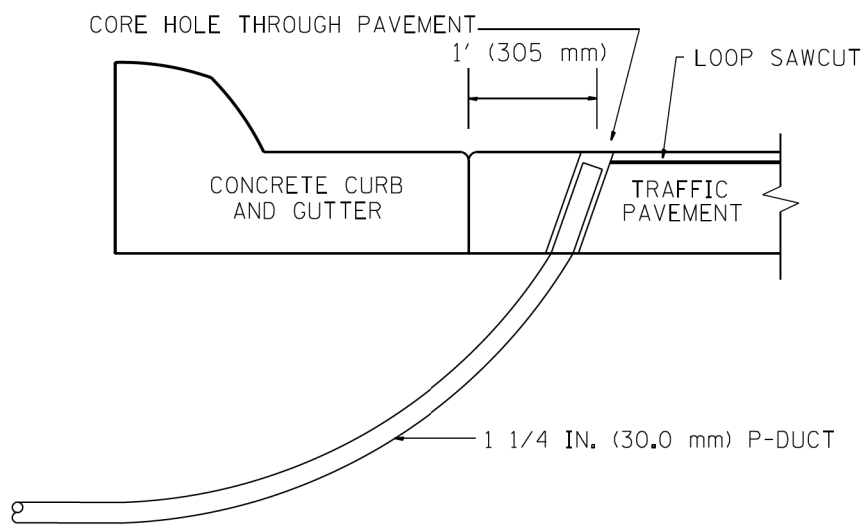
LOOP TRANSITION IN BRIDGE DECK



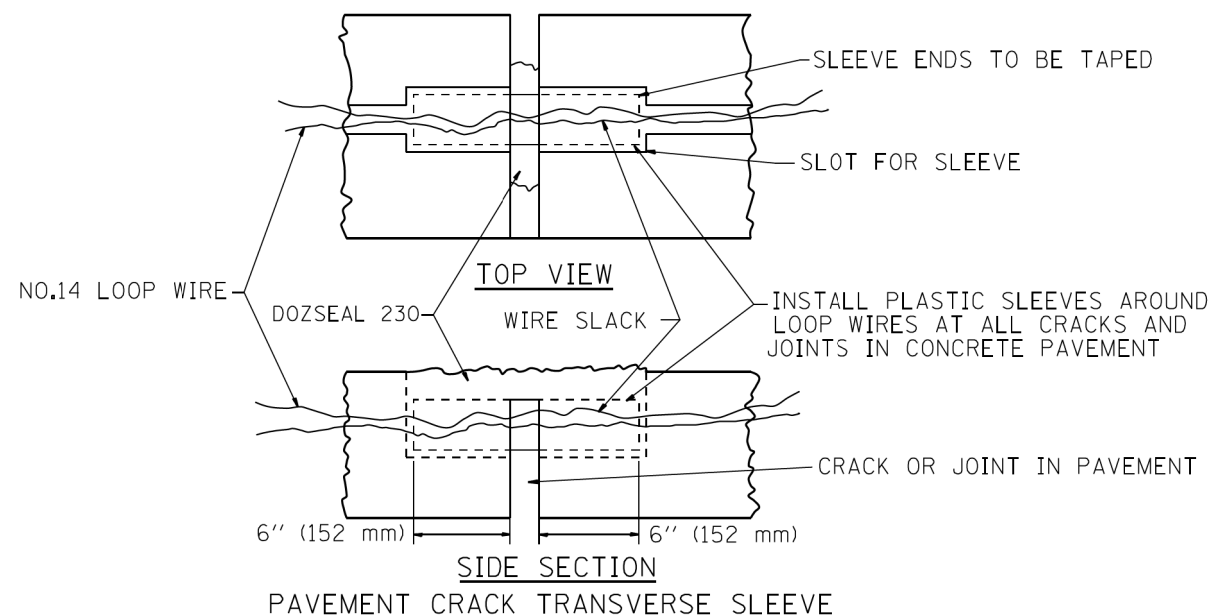
LOOP CROSS SECTION IN PAVEMENT



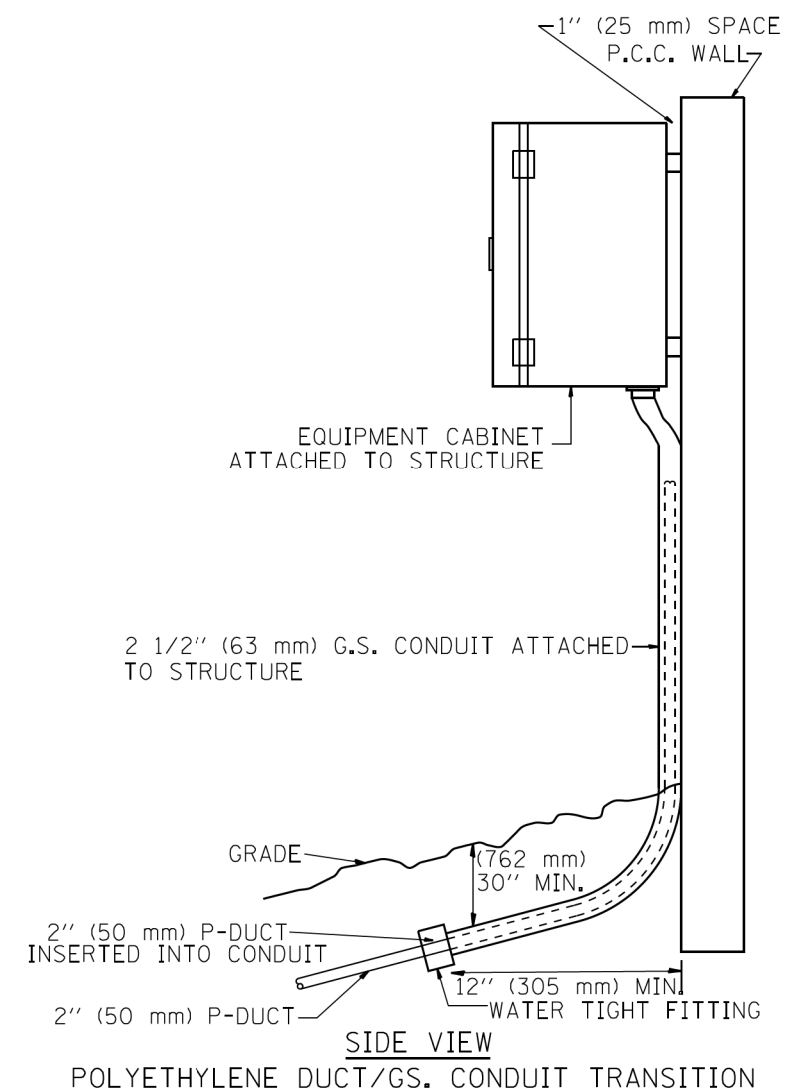
MULTIPLE LOOP SPLICING



SIDE SECTION LOOP LEAD-IN TRANSITION DETAIL



PAVEMENT CRACK TRANSVERSE SLEEVE



POLYETHYLENE DUCT/GS. CONDUIT TRANSITION

MODEL: Default
FILE: \\mtrc\pav\mtrc\BENTONITE\Illinois.gov\PROJECTS\DOT\Documents\DOT\Office\District 1\Projects\DOT\BENTONITE\Design\DOT\18-ahr-detail03.dgn

USER NAME = paraynao	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 5/2/2018	DATE -	REVISED -

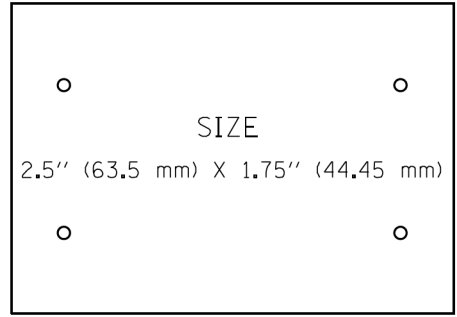
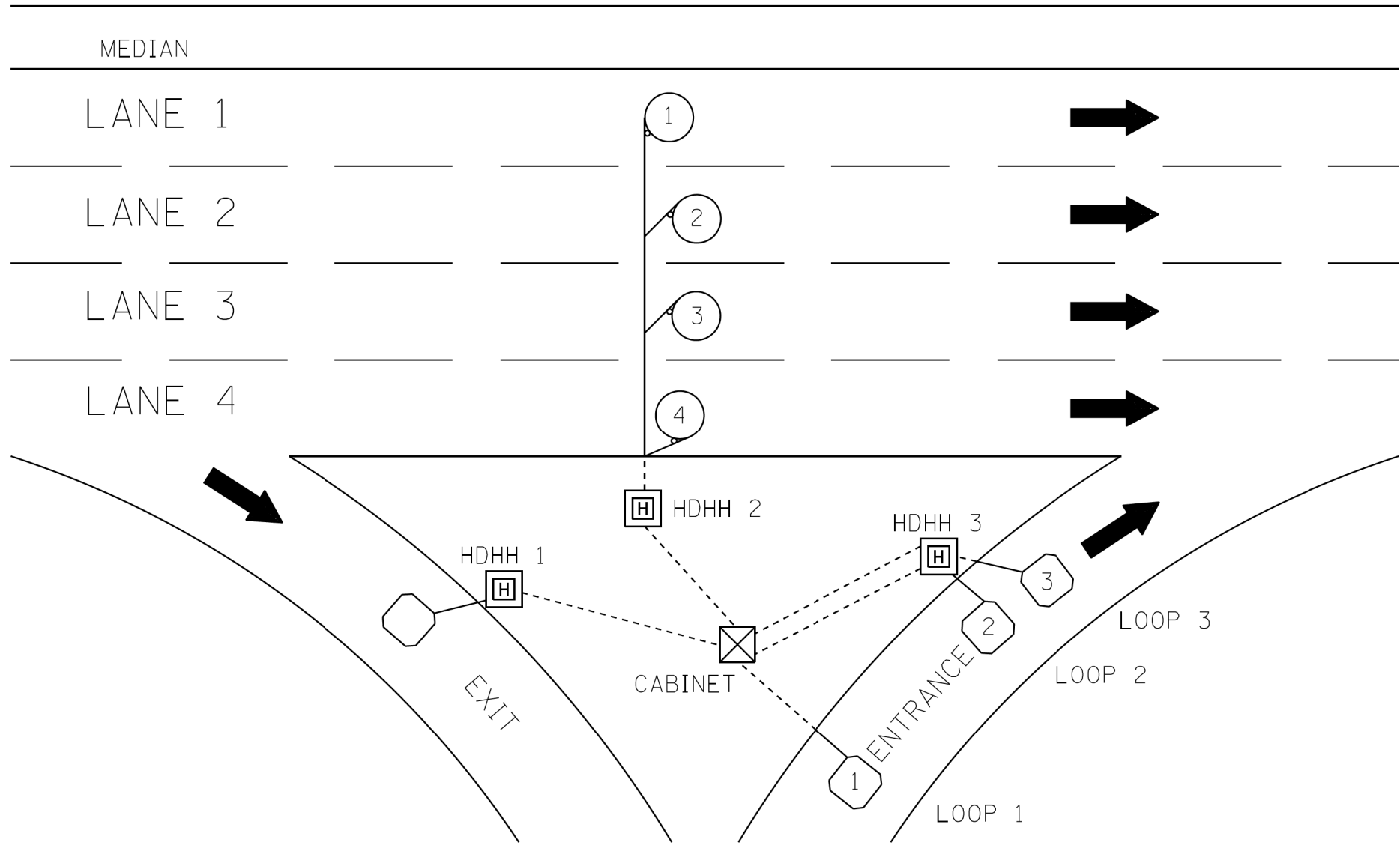
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOOP, CONDUIT & DUCT
INSTALLATION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 2017-036R5	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 87C
CONTRACT NO. 62F58				
ILLINOIS FED. AID PROJECT				

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#4)



SUGGESTED TAG
PANDUIT
#MP250W175-C
OR EQUIVALENT

LOOP ANALYZER					
LOCATION _____		DATE _____			
LOOP LOCATION LANE DIRECTION	LOOP WIRE MARKED AND CODED	LOOP SIZE	FREQ. INDUCTANCE	INSULATION	LOOP RESISTANCE

HDHH 1 EXAMPLE

IB-EB EXIT
CCW IN/
TO CABINET # _____

HDHH 2 EXAMPLE

IB (OB) LANE # ____
CCW /OUT
TO CABINET # _____

HDHH 3 EXAMPLE

IB-EB ENT.
LOOP #2
CW IN/

NOTE:
EACH LOOP WIRE SHALL BE TAGGED AS "IN" OR "OUT" AND "CW" OR "CCW". SHIELDED CABLE WILL BE TAGGED IN EACH HANDHOLE AND CABINET TO MATCH THE CABLE LOG.

MODEL: Default
 FILE: M:\Traffic Systems Center\TY-1TSC-418#7\Loop Analyzer\Loop Analyzer.dwg
 PROJECT: TY-1TSC-418#7
 DRAWN: J. B. BROWN
 CHECKED: J. B. BROWN
 DATE: 5/2/2018

USER NAME = jparsons	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 5/2/2018	DATE -	REVISED -

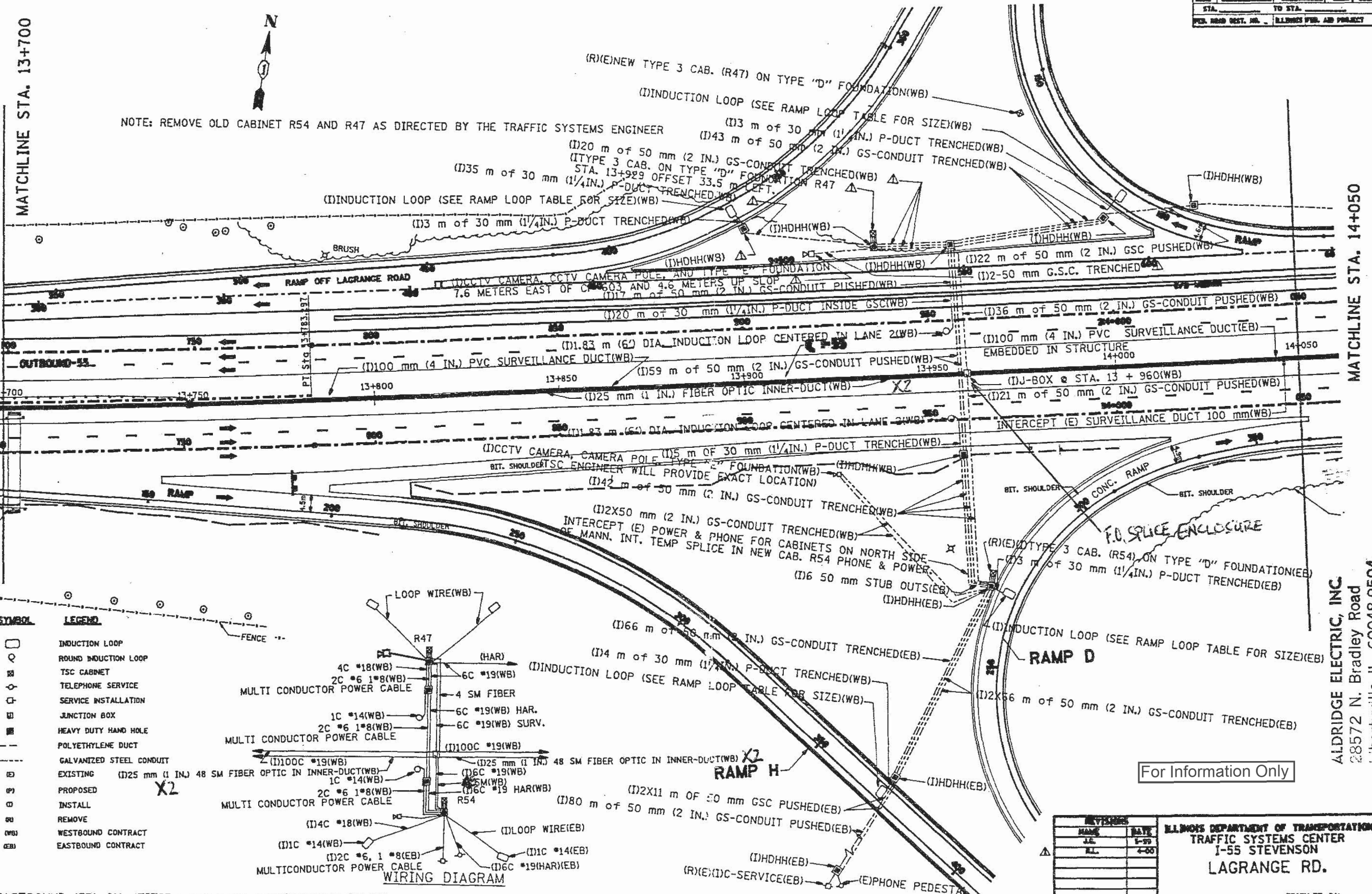
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOOP STATUS REPORT

SCALE: SHEET OF SHEETS STA. TO STA.

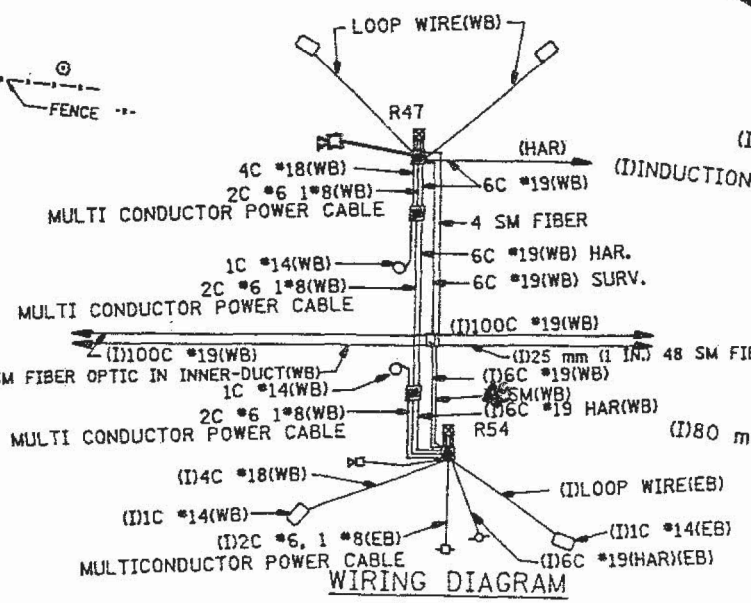
F.A.P. RTE. 330	SECTION 2017-036R5	COUNTY COOK	TOTAL SHEETS 100	SHEET NO. 87D
CONTRACT NO. 62F58				ILLINOIS FED. AID PROJECT

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			330	21
STA. TO STA.		ILLINOIS FED. AID PROJECT		



NOTE: REMOVE OLD CABINET R54 AND R47 AS DIRECTED BY THE TRAFFIC SYSTEMS ENGINEER

SYMBOL	LEGEND
○	INDUCTION LOOP
⊙	ROUND INDUCTION LOOP
□	TSC CABINET
⊕	TELEPHONE SERVICE
⊖	SERVICE INSTALLATION
⊗	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING (I)25 mm (1 IN.) 48 SM FIBER OPTIC IN INNER-DUCT(WB)
(P)	PROPOSED (I)25 mm (1 IN.) 48 SM FIBER OPTIC IN INNER-DUCT(WB)
○	INSTALL
⊖	REMOVE
(WB)	WESTBOUND CONTRACT
(EB)	EASTBOUND CONTRACT



EASTBOUND (EB) QUANTITIES ARE "FOR INFORMATION ONLY".

MATCHLINE STA. 14+050

ALDRIDGE ELECTRIC, INC
28572 N. Bradley Road
Libertyville, IL 60048-9504
Phone: 847-680-5200

For Information Only

REVISIONS		
NO.	DATE	DESCRIPTION
1	8-97	
2	4-00	

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
1-55 STEVENSON
LAGRANGE RD.
SCALE: 1:500
DATE: 7-97
DRAWN BY: G.M.
CHECKED BY: J.L.

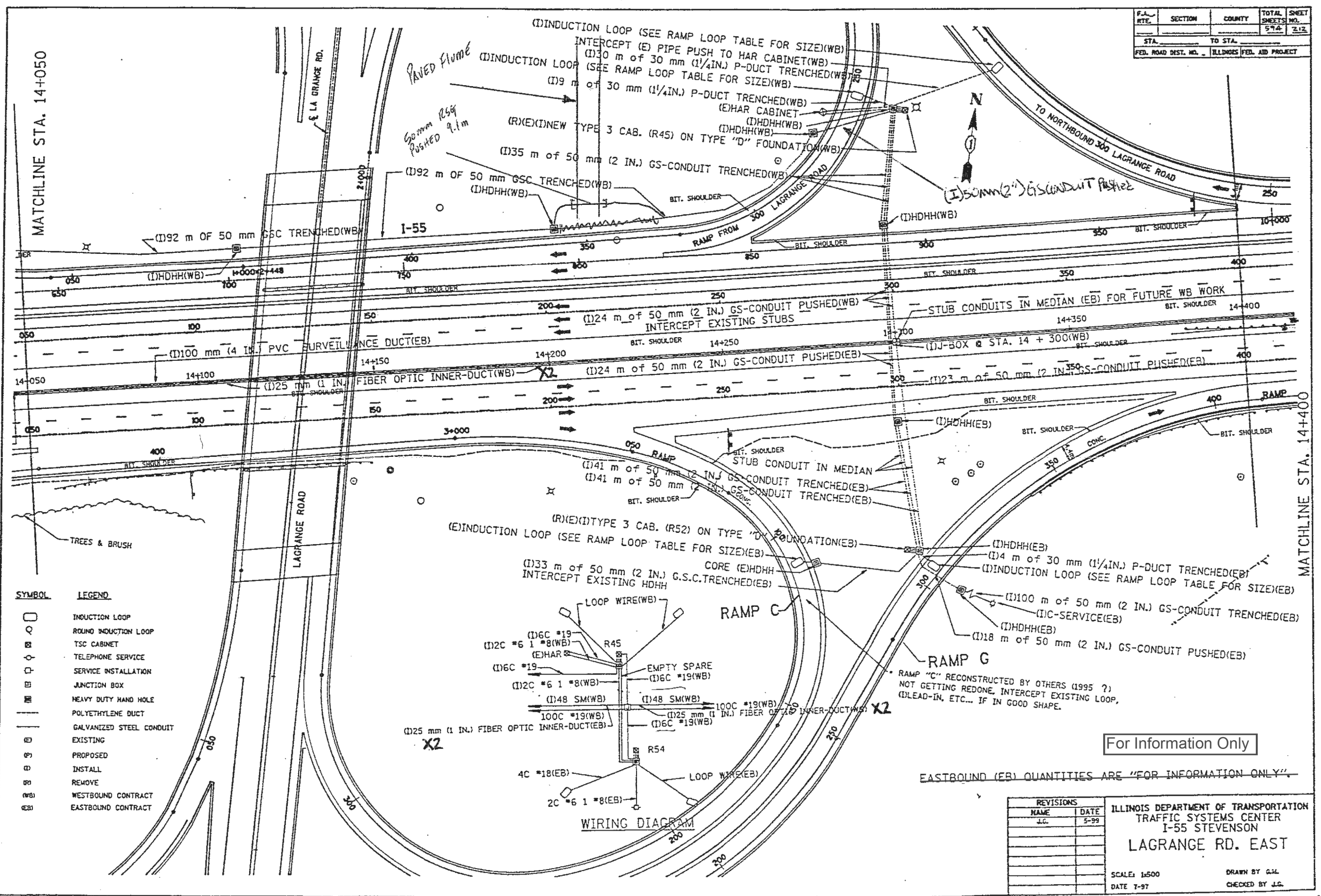
RECORD DRAWINGS
Date: 11/6/00
Initials: C.T.

ALDRIDGE ELECTRIC, INC.
 28572 N. Bradley Road
 Libertyville, IL 60048-9504
 Phone: 847-680-5200

RECORD DRAWINGS

Date: 11/6/00
 Initials: SJZ

NO. METSHELDON
 RP = P21690AR.DGN



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			594	212
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

REVISIONS	
NAME	DATE
J.C.	5-99

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
 I-55 STEVENSON
 LAGRANGE RD. EAST

SCALE: 1:500
 DATE 7-97

DRAWN BY G.M.
 CHECKED BY J.C.

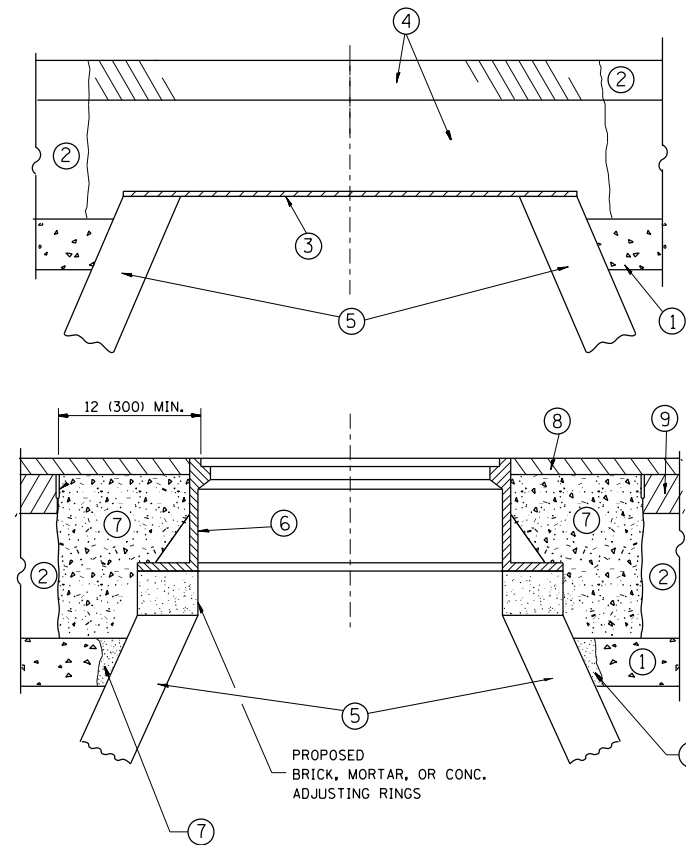
USER NAME = paragnal	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 5/2/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

AS BUILT PLANS
 U.S. RTE. 1220/45 (AT RAMPS CONNECTING TO I-55.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036R5	COOK	100	87F
				CONTRACT NO. 62F58
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 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

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

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

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

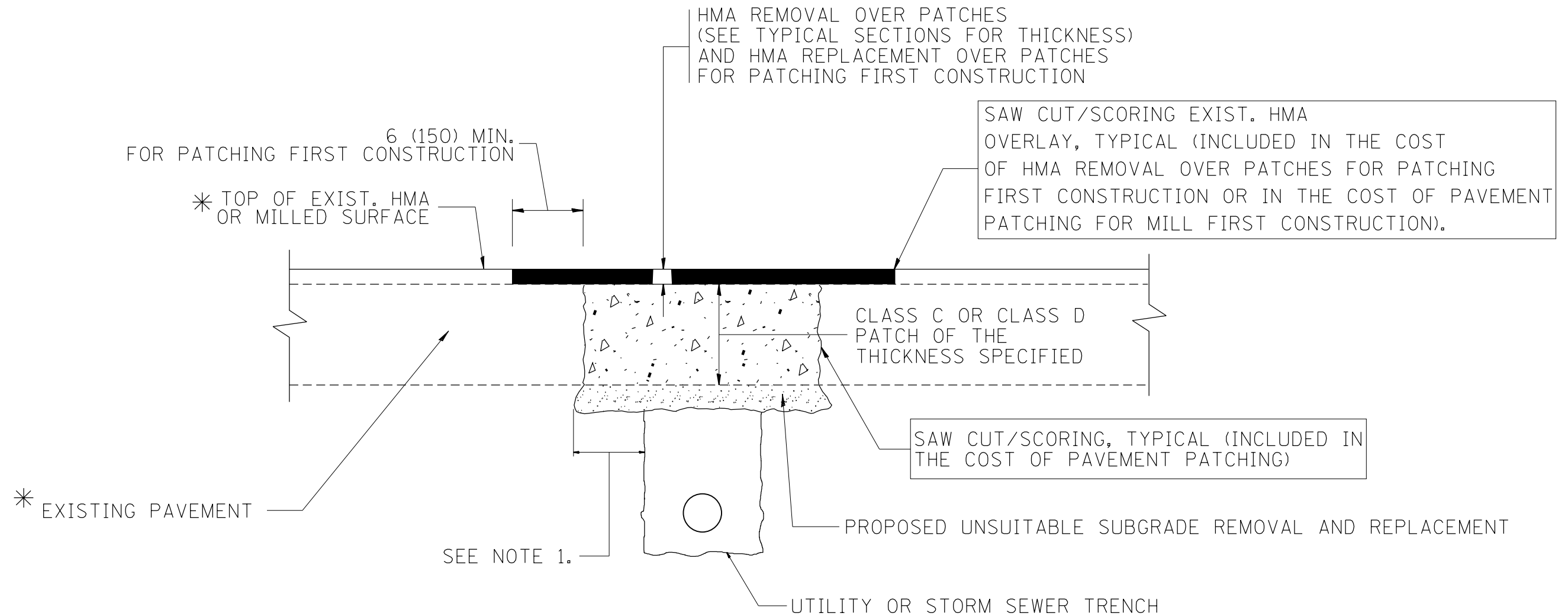
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = paraynoal	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI0161\BRAW\Design\DistStd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	88
BD600-03 (BD-8)		CONTRACT NO. 62F58		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

FILE NAME =	USER NAME = paraynoal	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI0161\BROWNS\Design\DistStd.dgn	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED - R. BORO 01-01-07					330	2017-036R5	COOK	100	89
	PLOT DATE = 3/23/2018	DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 62F58				
			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 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.

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.

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.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

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.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

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 USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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.

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".

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.

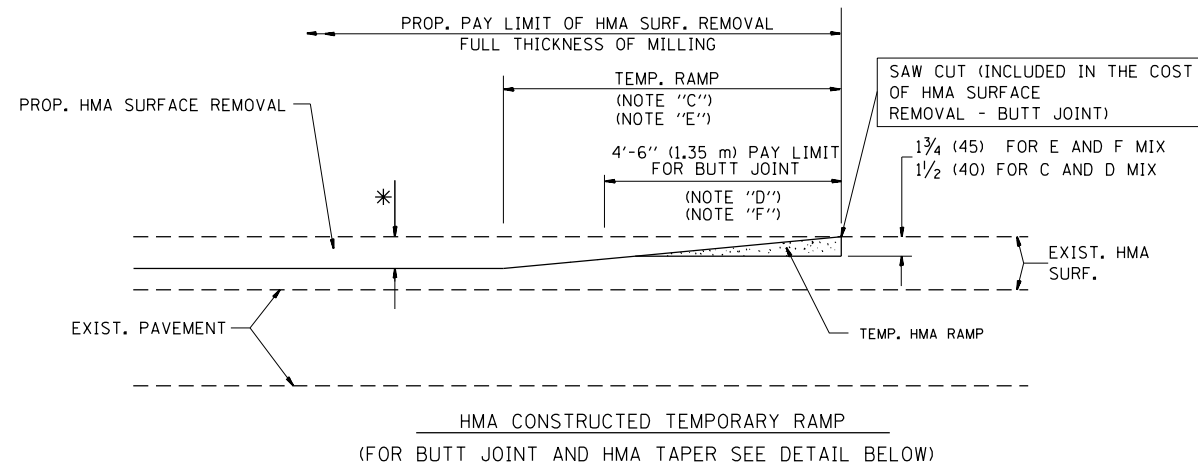
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = paraynoal	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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI0161\BRAW\Notes\Design\DistStd.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - A. ABBAS 03-21-97					330	2017-036RS	COOK	100	90
PLOT DATE = 3/23/2018	DATE - 03-11-94	REVISED - M. GOMEZ 01-22-01	REVISED - R. BORO 12-15-09		BD600-06 (BD-24)			CONTRACT NO. 62F58				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

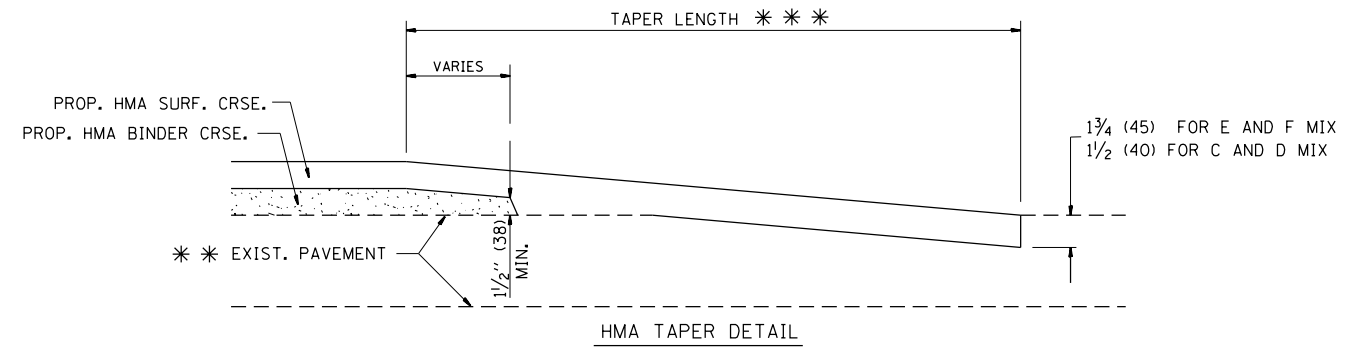


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

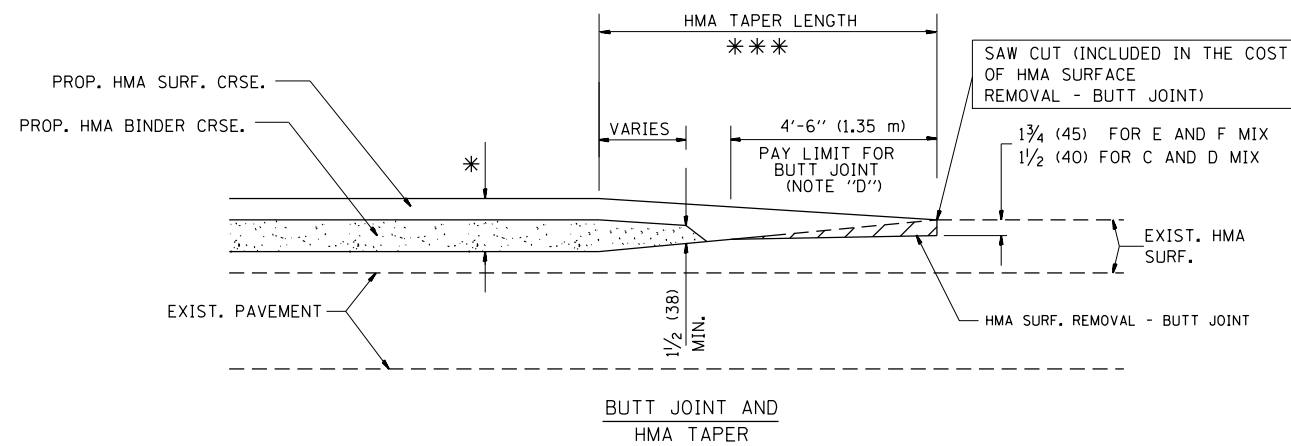
NOTES

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

BASIS OF PAYMENT:

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

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



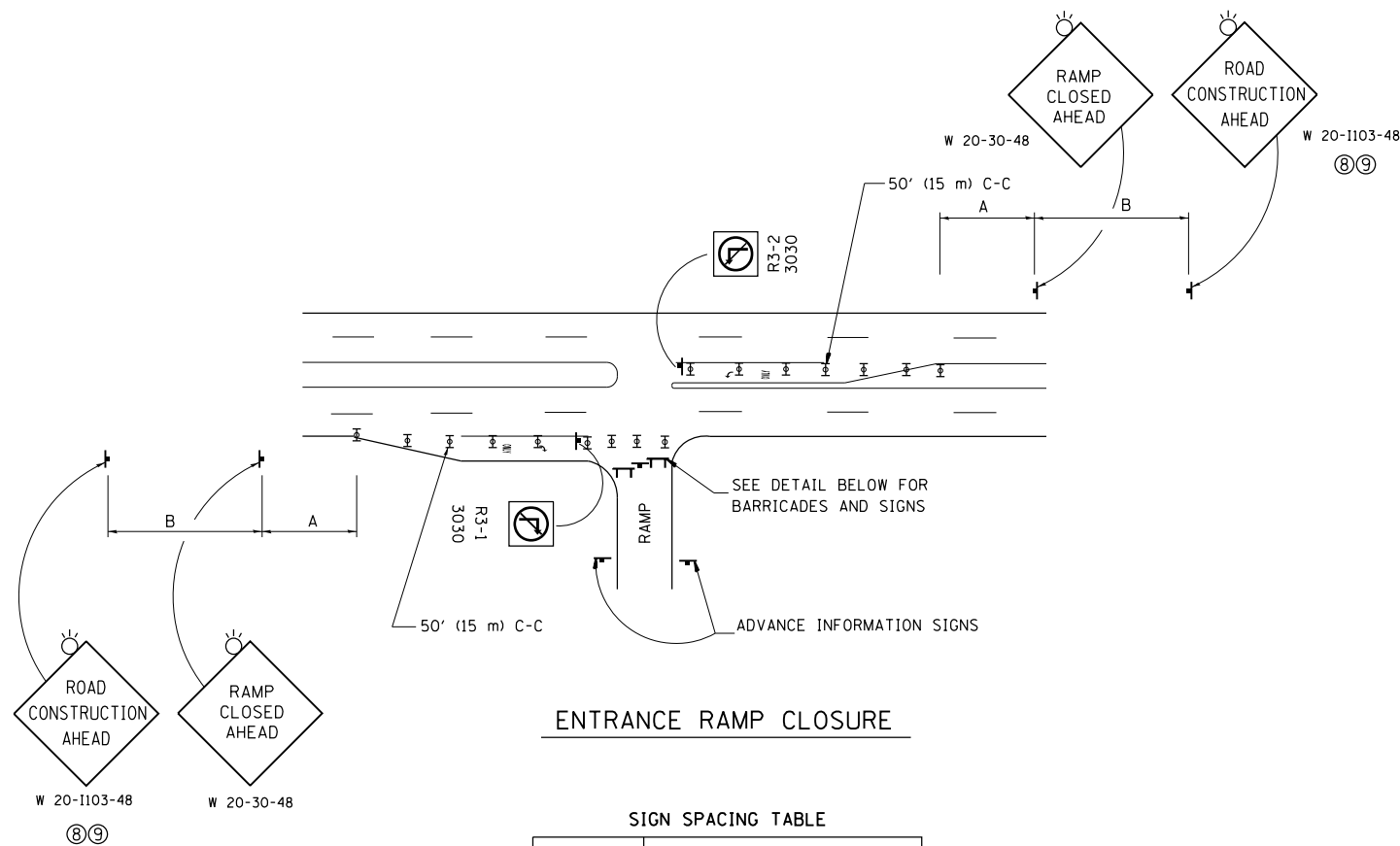
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME =	USER NAME = paraynoal	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI0161\BROW\Design\DistStd.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 3/23/2018	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	91
BD400-05 BD32		CONTRACT NO. 62F58		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

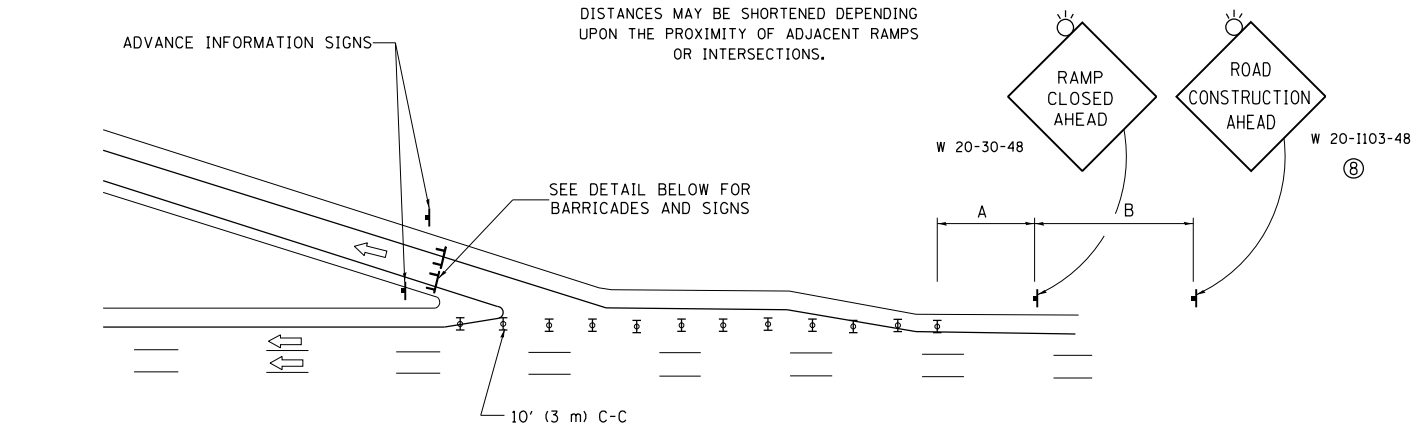


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY <24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

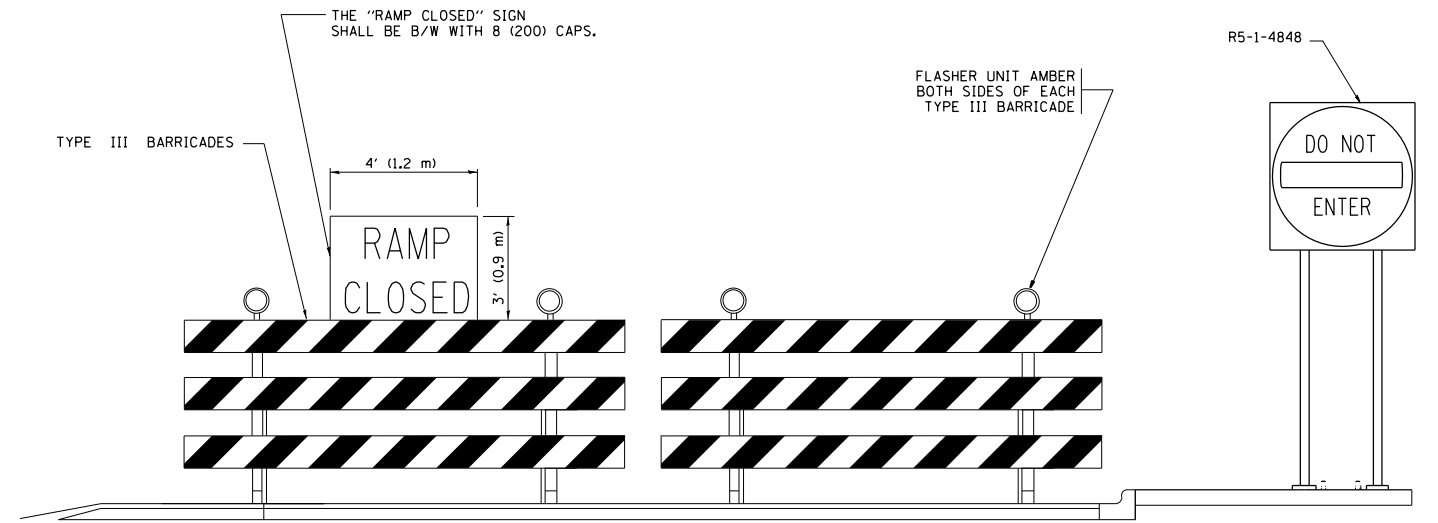
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

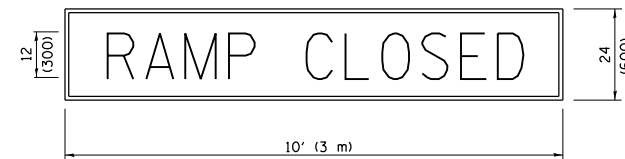
SYMBOLS

- ⊥ TYPE II BARRICADE OR DRUM
- ⊥ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

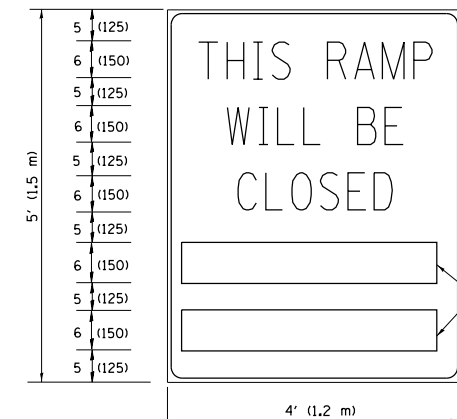
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND
1/2 (12) BORDER
E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

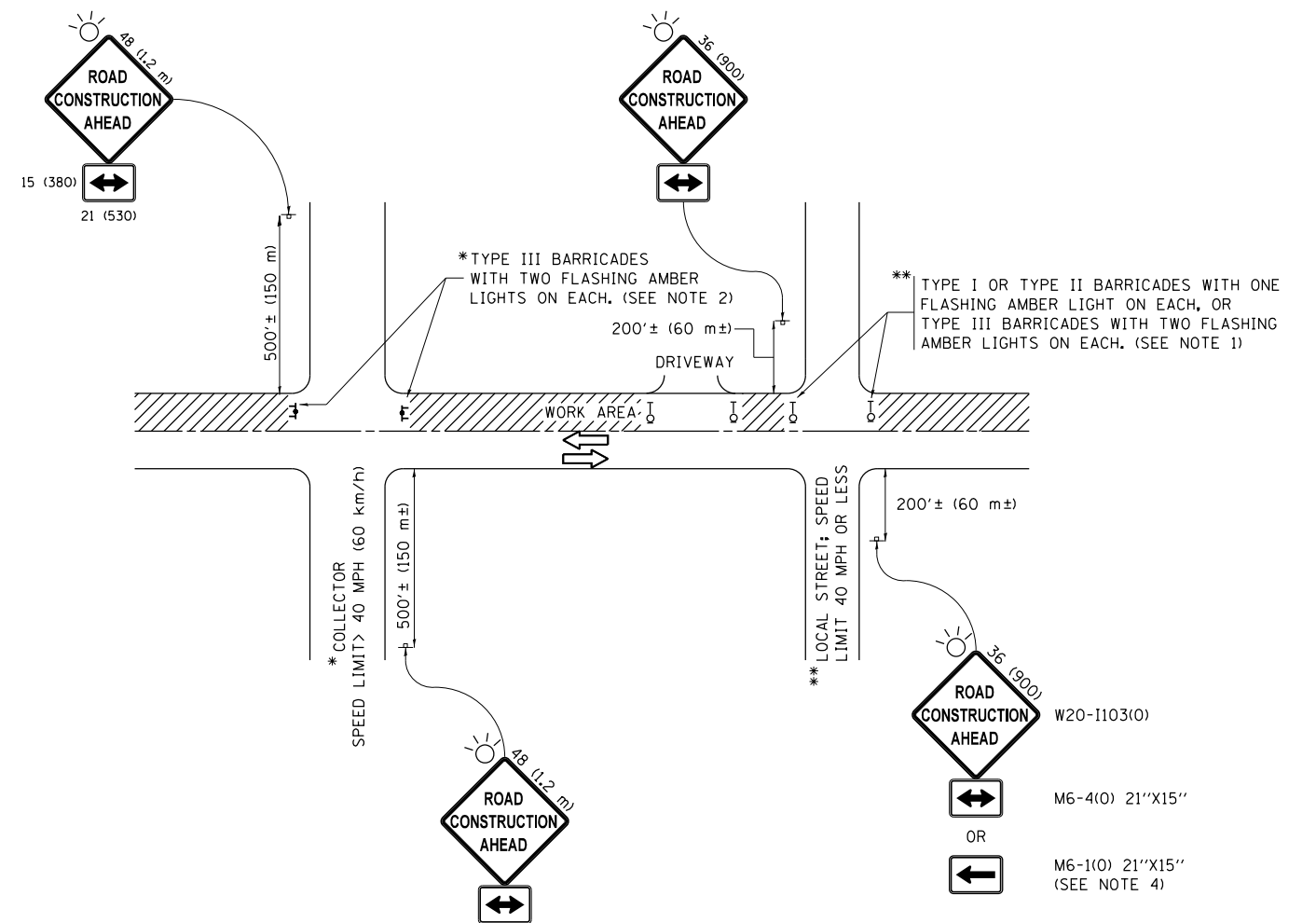
FILE NAME =	USER NAME = parayno1	DESIGNED - D.W.S.	REVISED - S.P.B. 01-07
p:\1\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\01084EBID\Design\DistStd.dgn		CHECKED -	REVISED - S.P.B. 12-09
Default	PLOT SCALE = 100.0000' / 1in.	DATE - 02-83	REVISED - M.D. 06-13
	PLOT DATE = 3/23/2018		REVISED - M.D. 01-18

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	92
TC-08		CONTRACT NO. 62F58		
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.

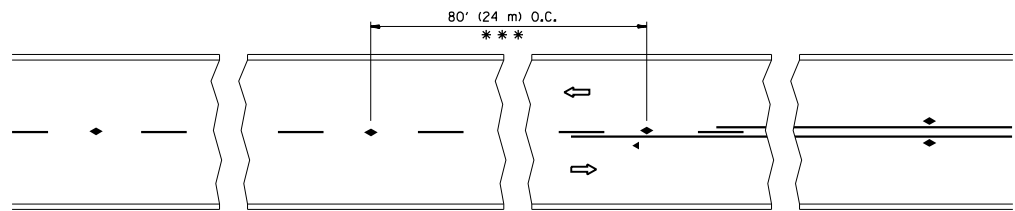
FILE NAME =	USER NAME = paraynoal	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI0161\BRAW\Notes\Design\DistStd.dgn			REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	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**

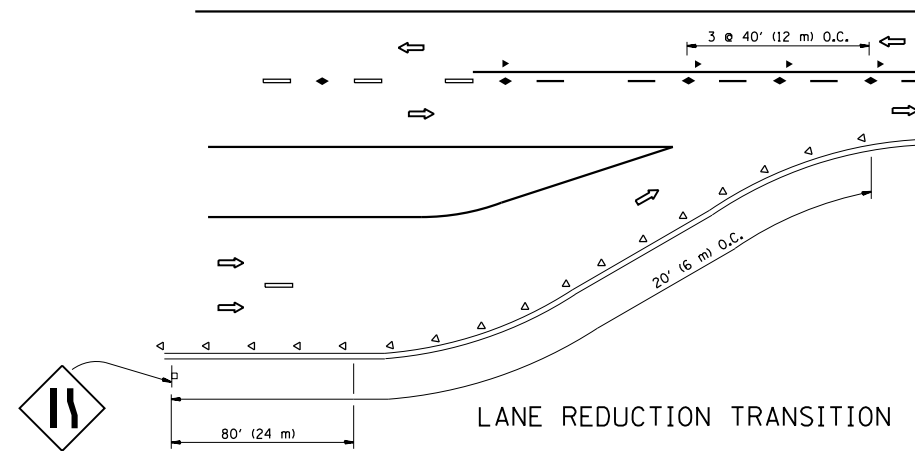
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	93
TC-10			CONTRACT NO. 62F58	
ILLINOIS FED. AID PROJECT				

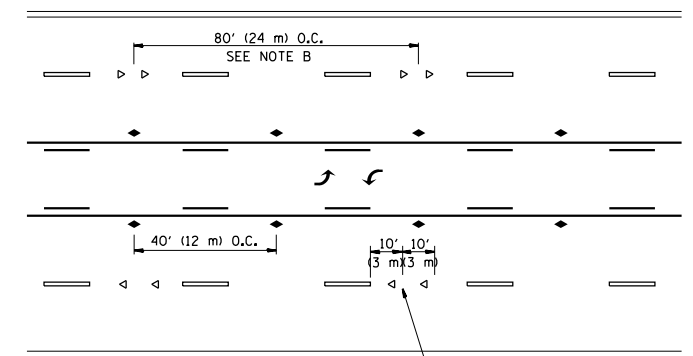


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

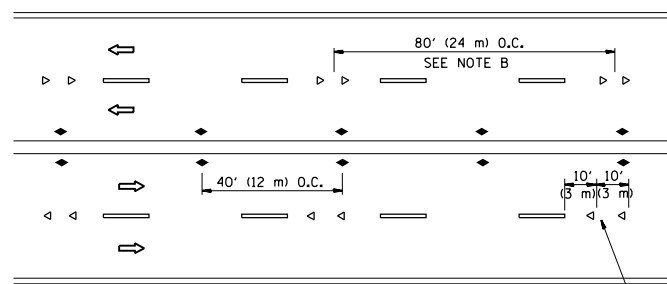
TWO-LANE/TWO-WAY



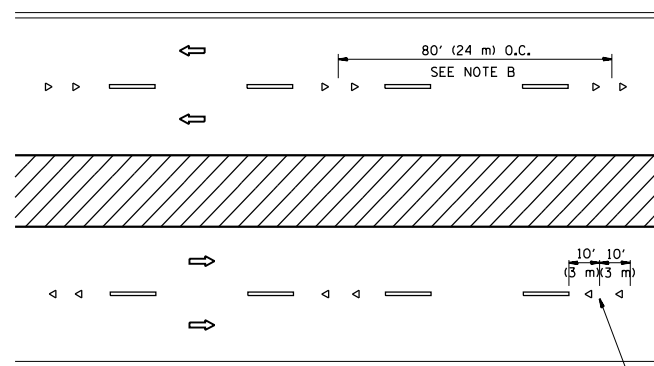
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

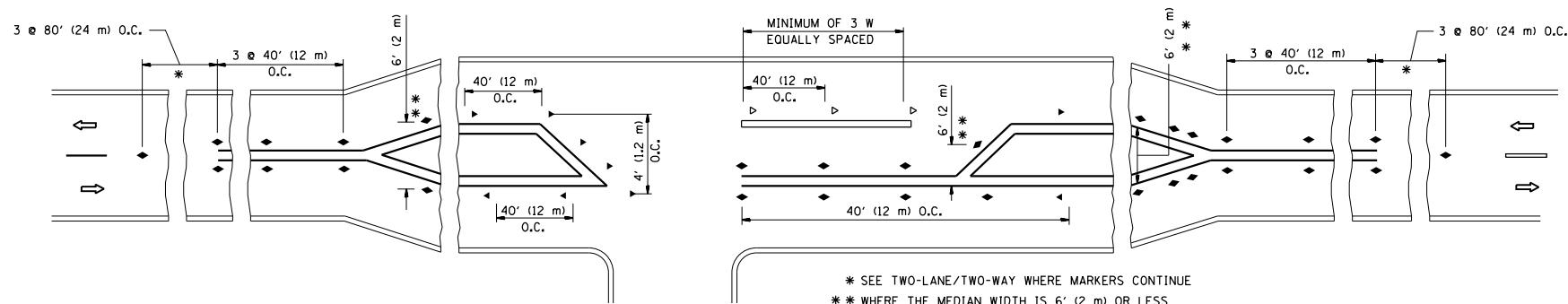
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



LEFT TURN

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

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

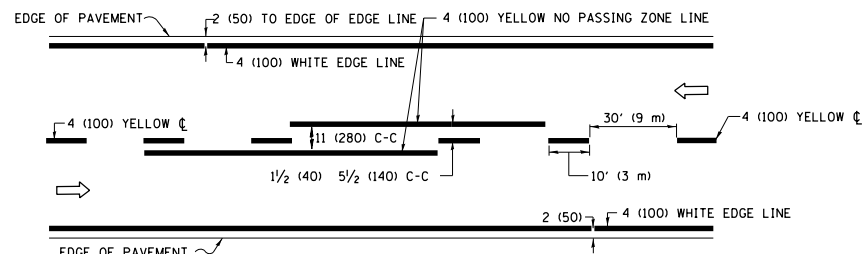
FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
pw:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI0161\BRAWN\Design\DistStd.dgn		CHECKED -	REVISED - T. RAMMACHER 03-12-99
		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

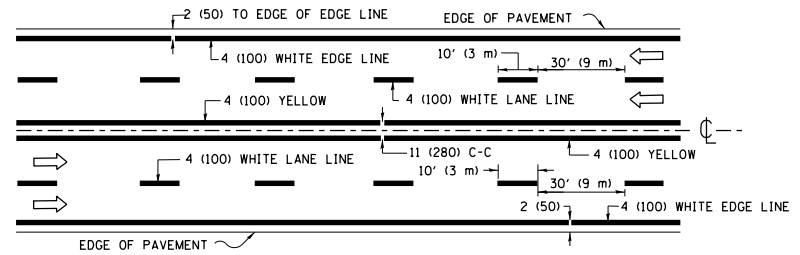
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

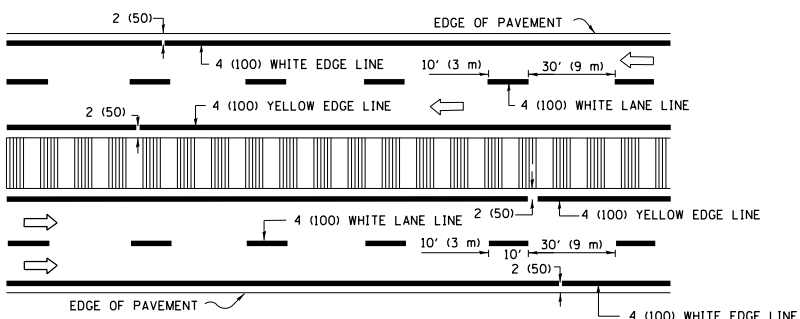
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	94
TC-11		CONTRACT NO. 62F58		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

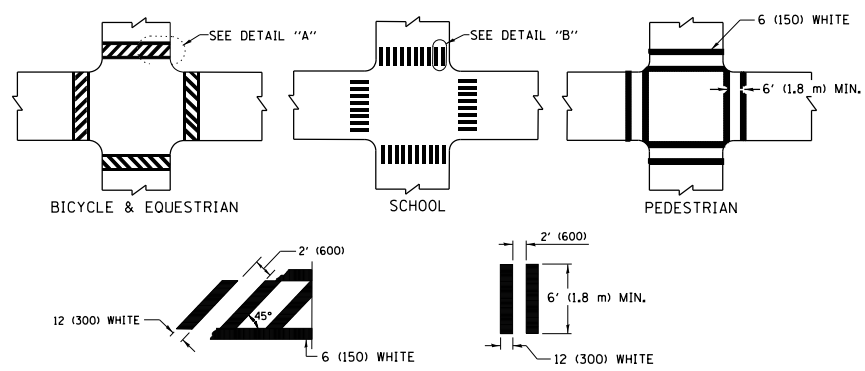


MULTI-LANE UNDIVIDED



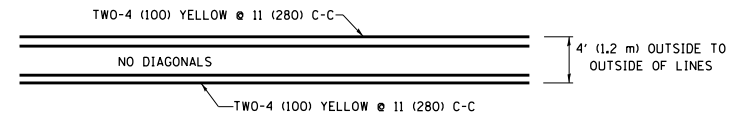
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

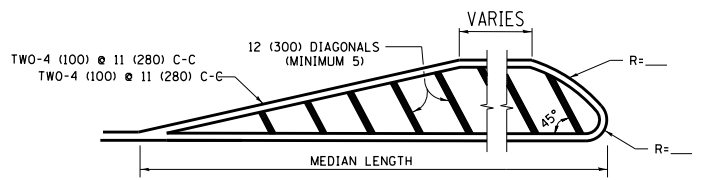


TYPICAL CROSSWALK MARKING

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

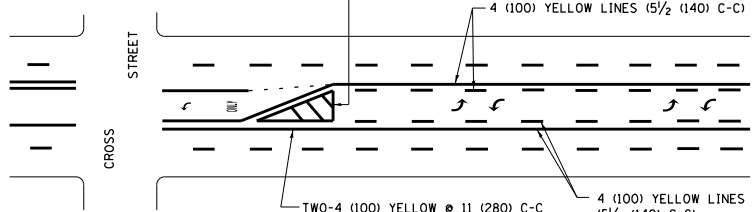


4' (1.2 m) WIDE MEDIANS ONLY



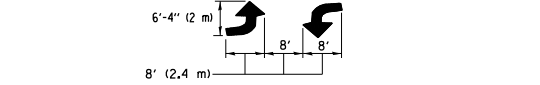
MEDIANS OVER 4' (1.2 m) WIDE

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



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

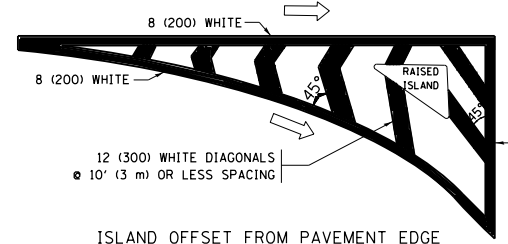
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



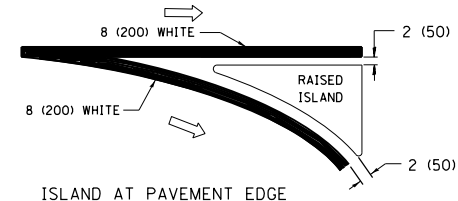
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

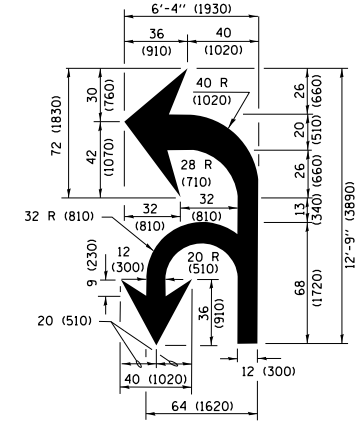
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



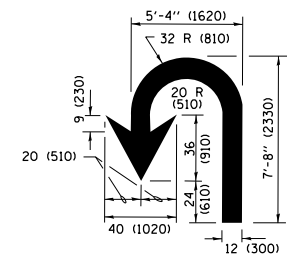
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

FILE NAME =	USER NAME = paraynoal	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\0101\BROWN\Design\DistStd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 3/23/2018		REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	95
TC-13		CONTRACT NO. 62F58		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

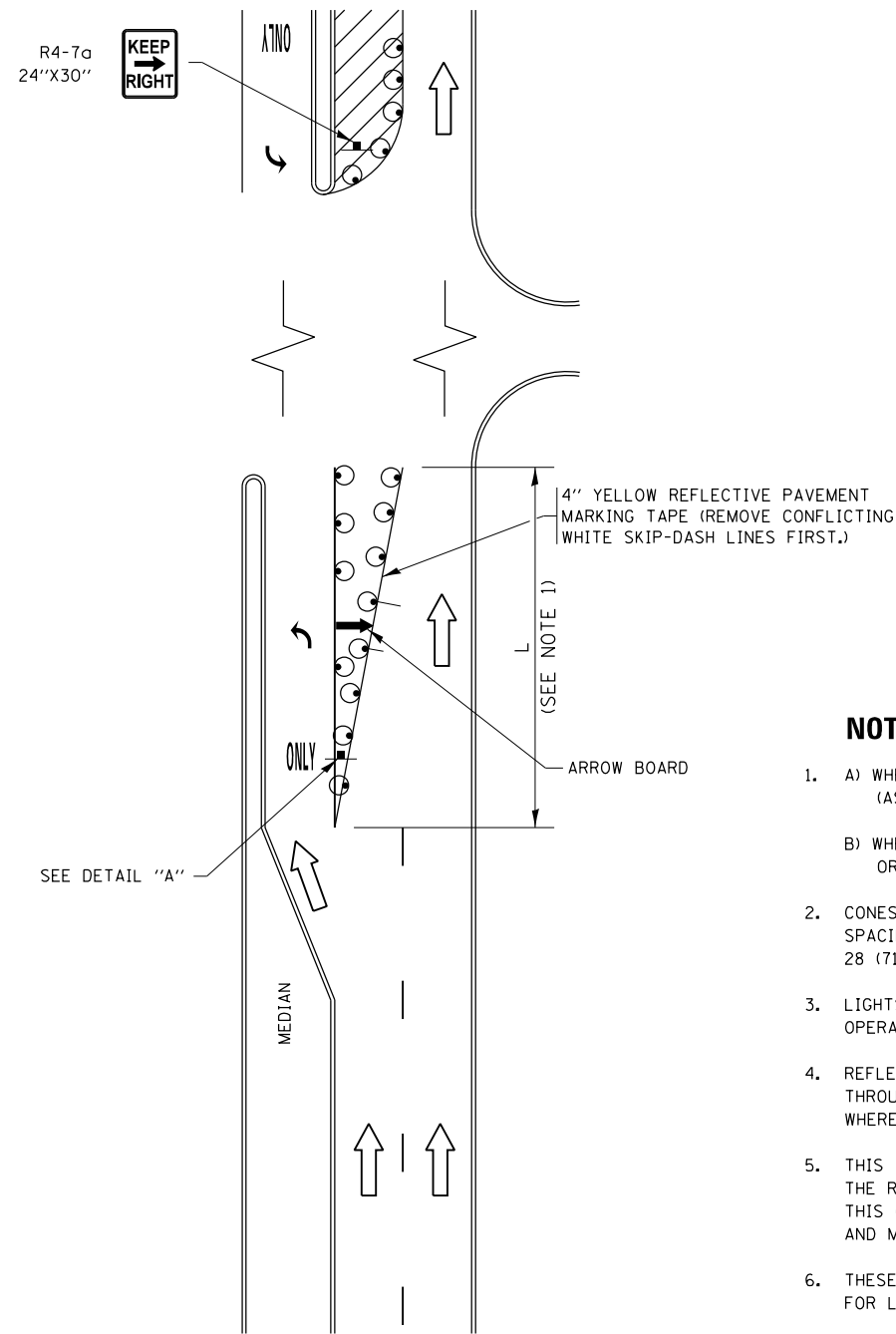


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

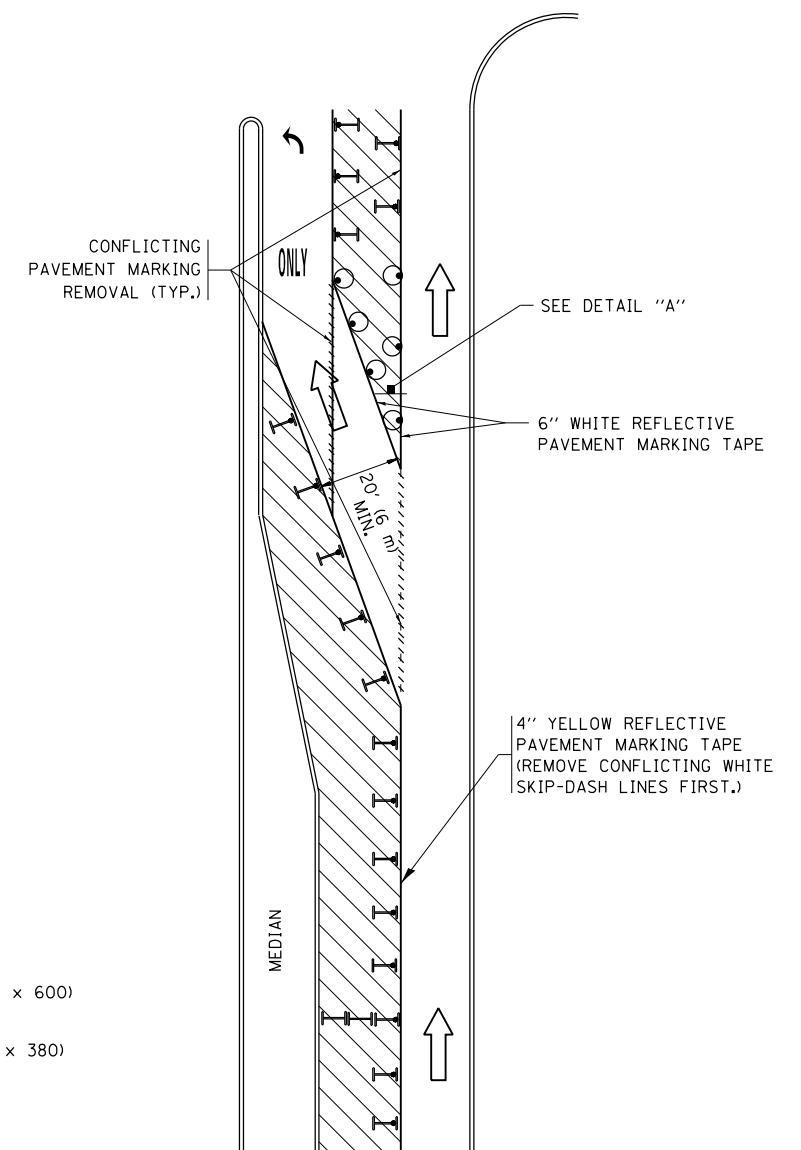


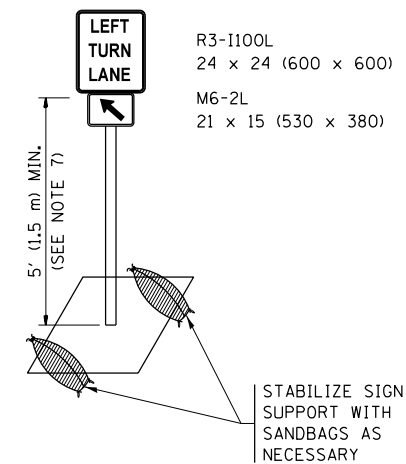
FIGURE 2

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:

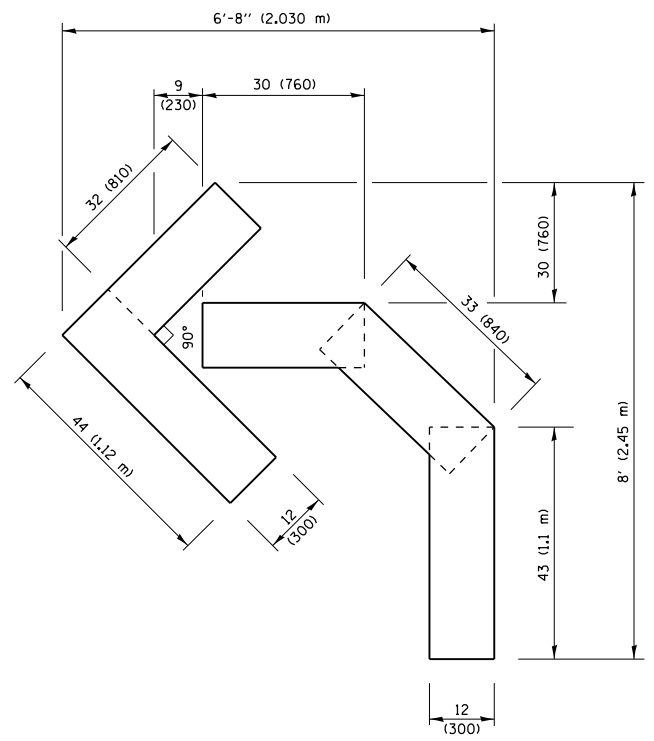
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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.



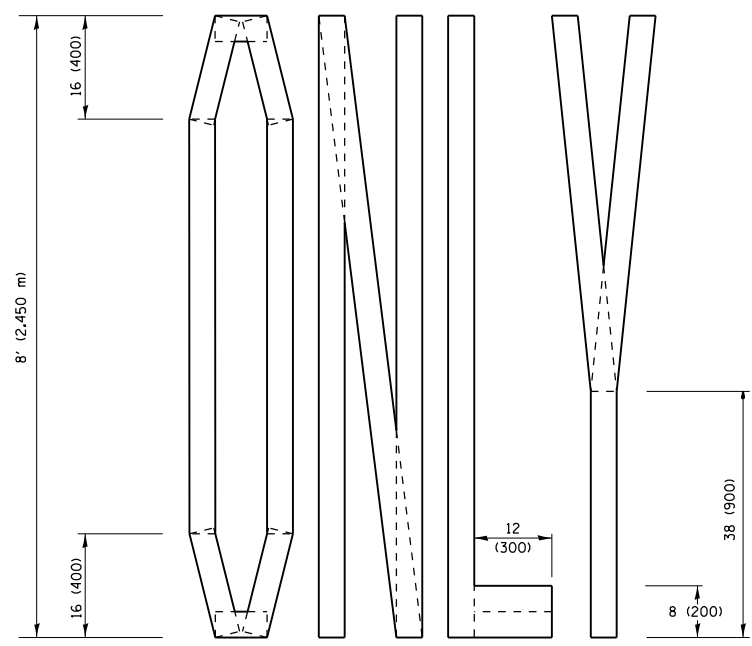
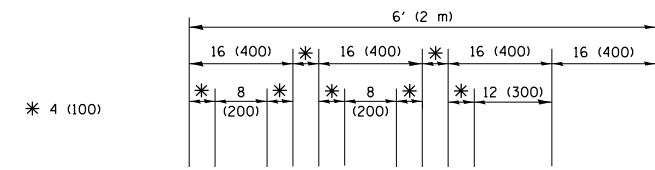
DETAIL A

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

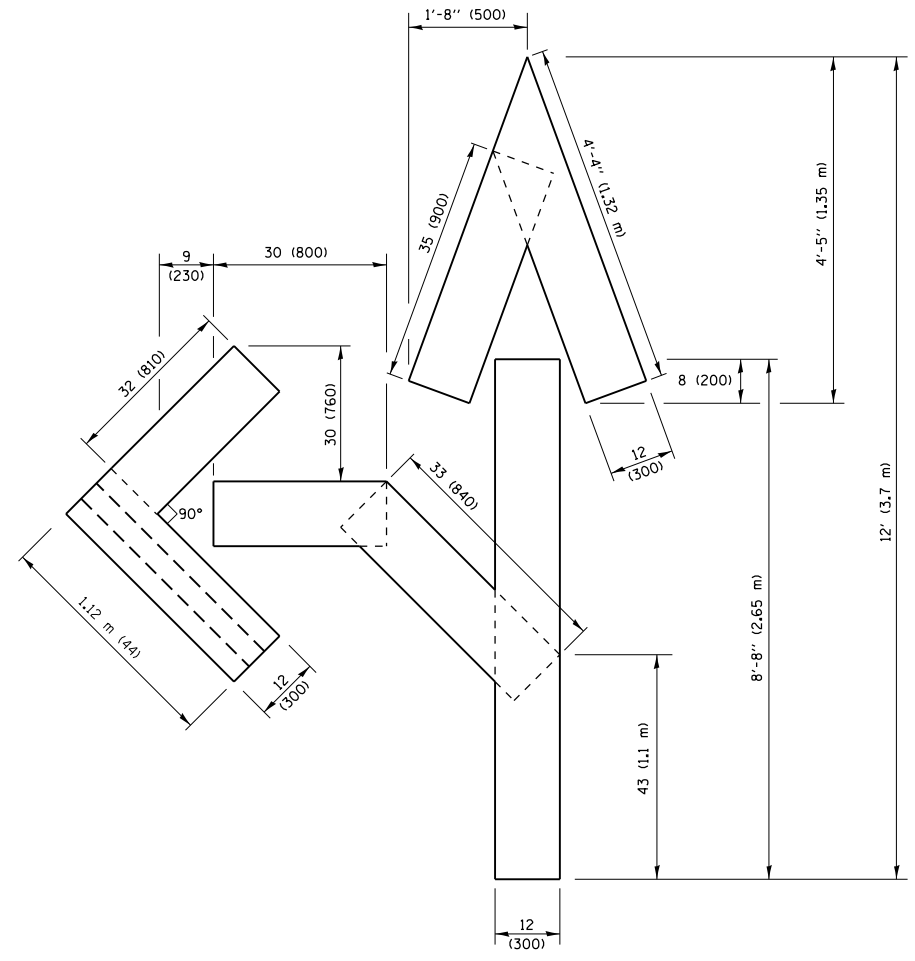
FILE NAME =	USER NAME = parayno1	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16					330	2017-036RS	COOK	100	96
	PLOT SCALE = 100.0000' / in.	REVISED - T. RAMMACHER 01-06-00	REVISED -		TC-14			CONTRACT NO. 62F58				
	PLOT DATE = 3/23/2018				ILLINOIS FED. AID PROJECT							



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

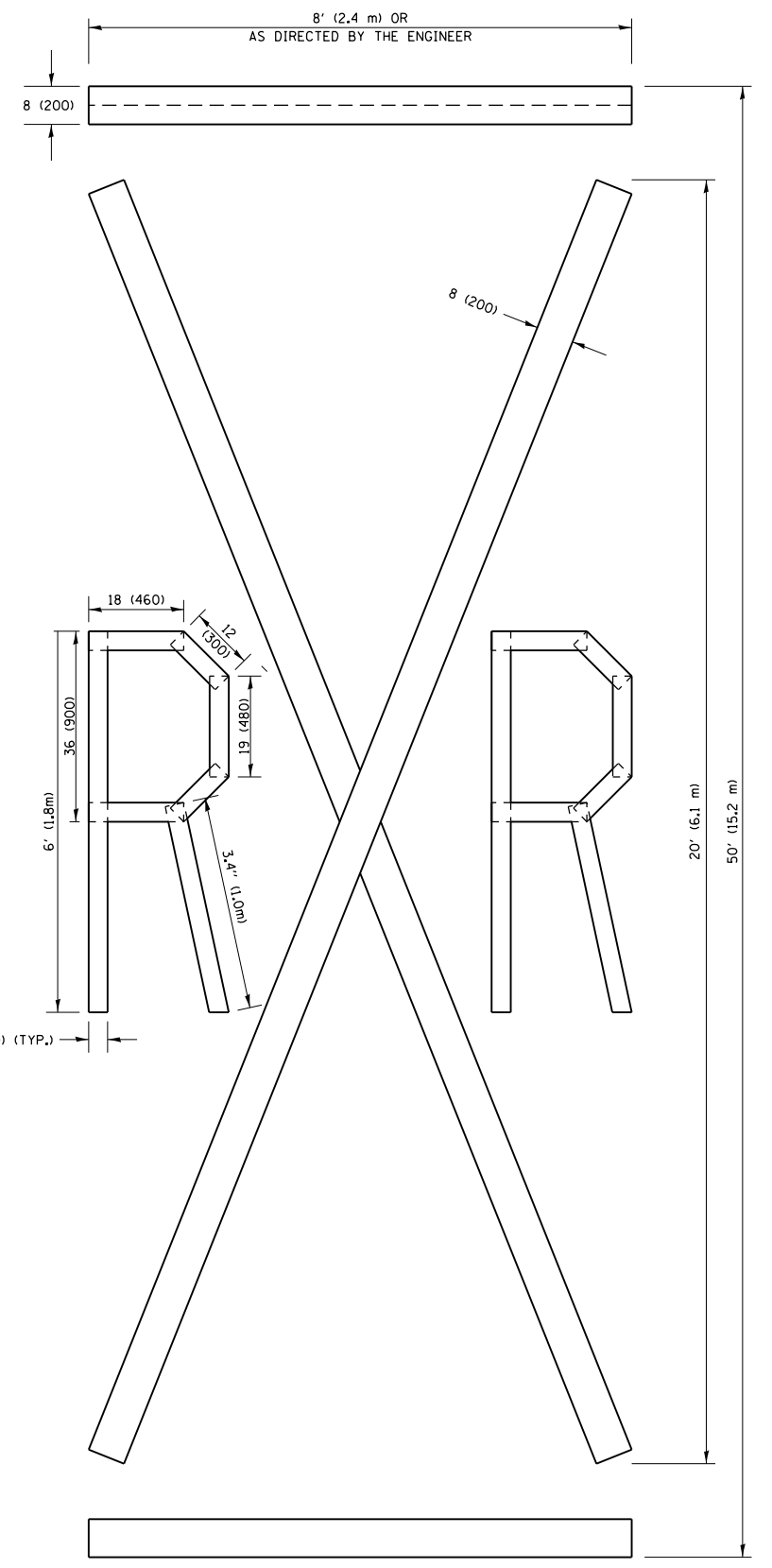


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

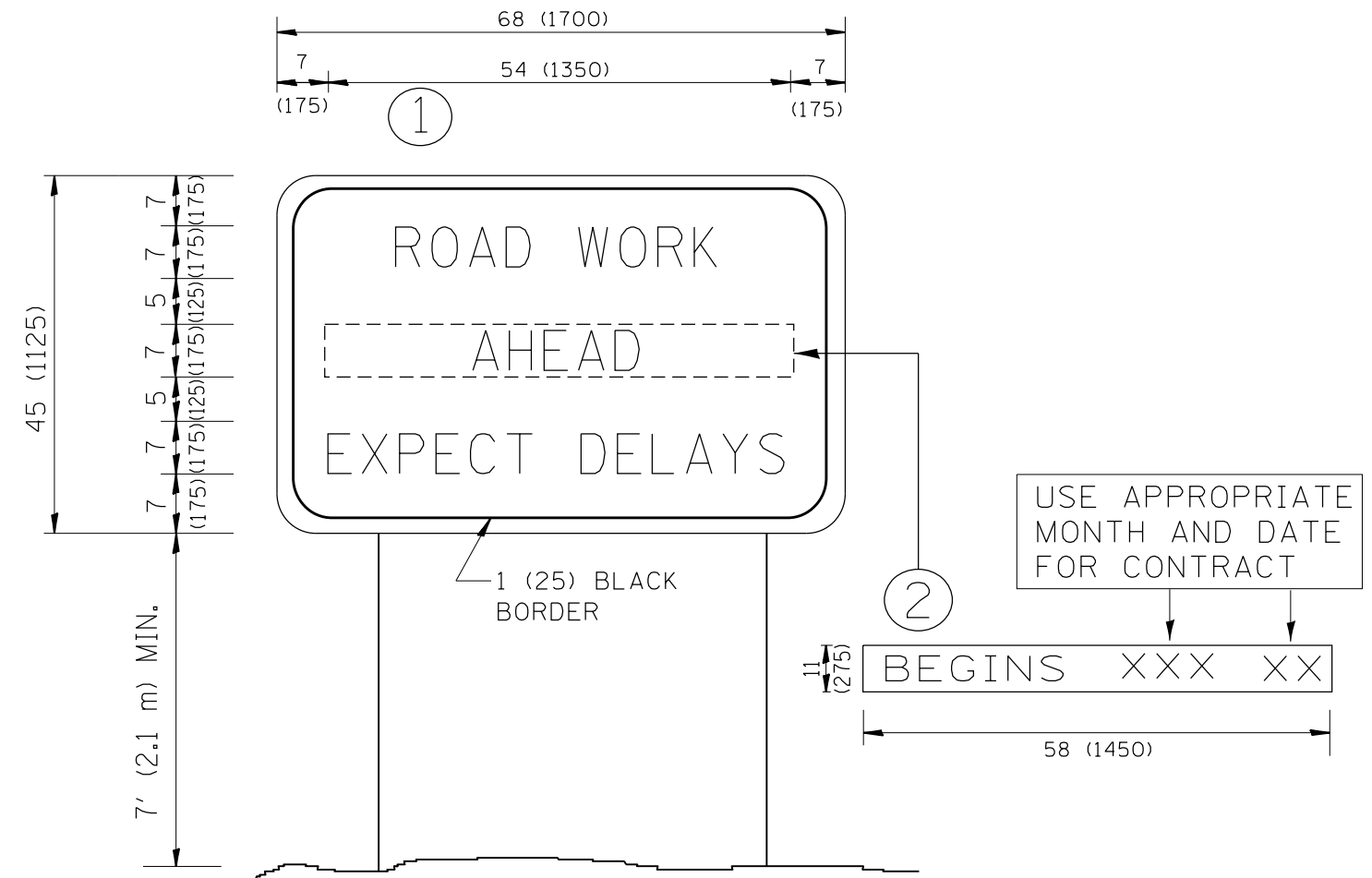
All dimensions are in inches (millimeters)
 unless otherwise shown.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\01016\BRAWN\Design\DistStd.dgn		CHECKED -	REVISED -E. GOMEZ 08-28-00
		DATE -	REVISED -E. GOMEZ 08-28-00
			REVISED -A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	97
TC-16		CONTRACT NO. 62F58		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

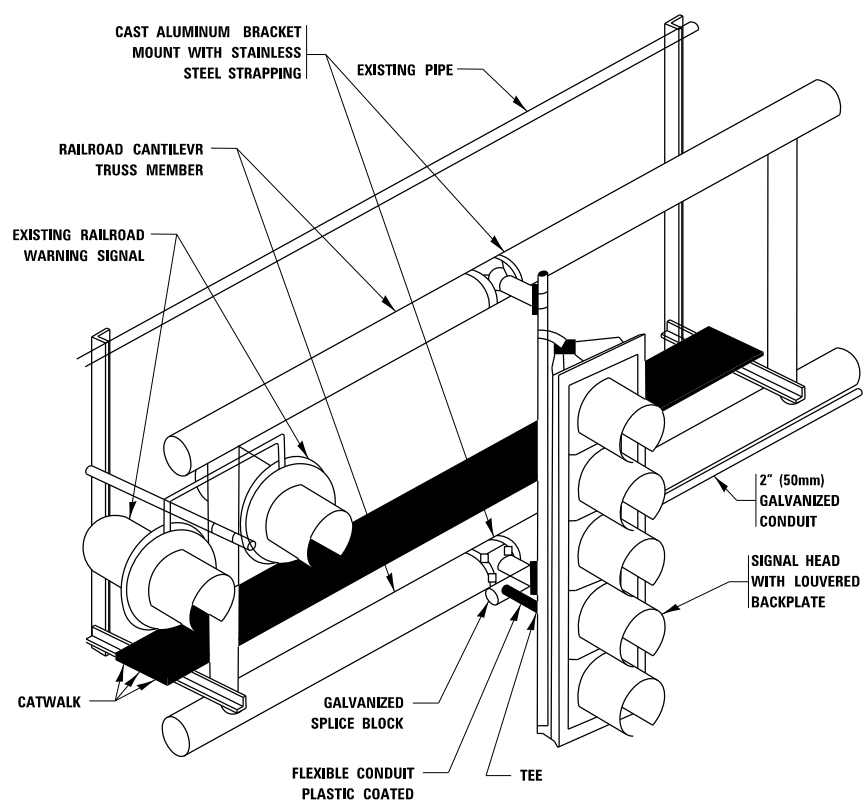


NOTES:

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

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

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI0161\BROW\Notes\Design\DistStd.dgn			REVISED - R. MIRS 12-11-97			330	2017-036RS	COOK	100	98
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99				TC-22		CONTRACT NO. 62F58		
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	



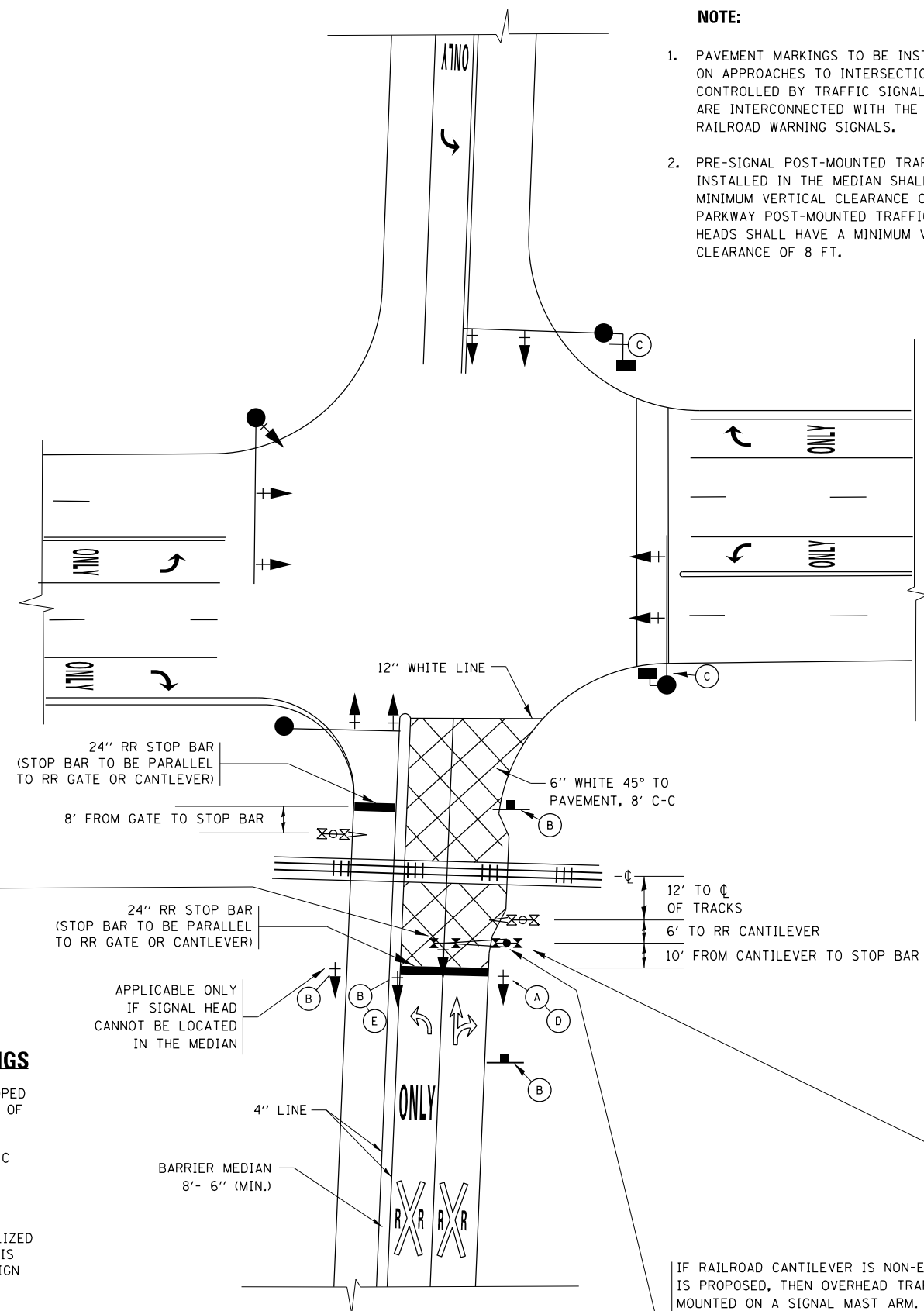
RAILROAD CANTILEVER SIGNAL HEAD MOUNTING
 USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
 N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

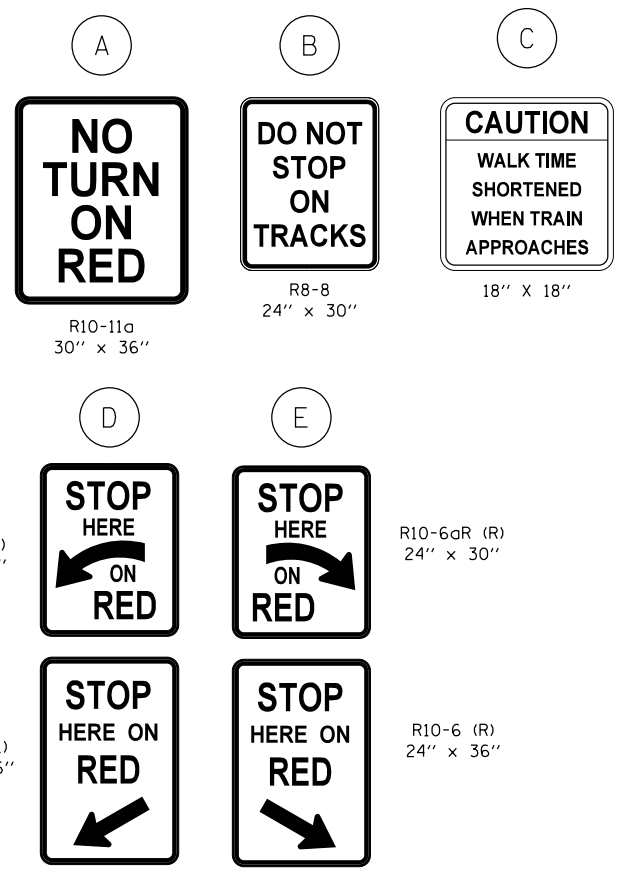
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

- NOTE:**
- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
 - PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



R10-11a
30" x 36"

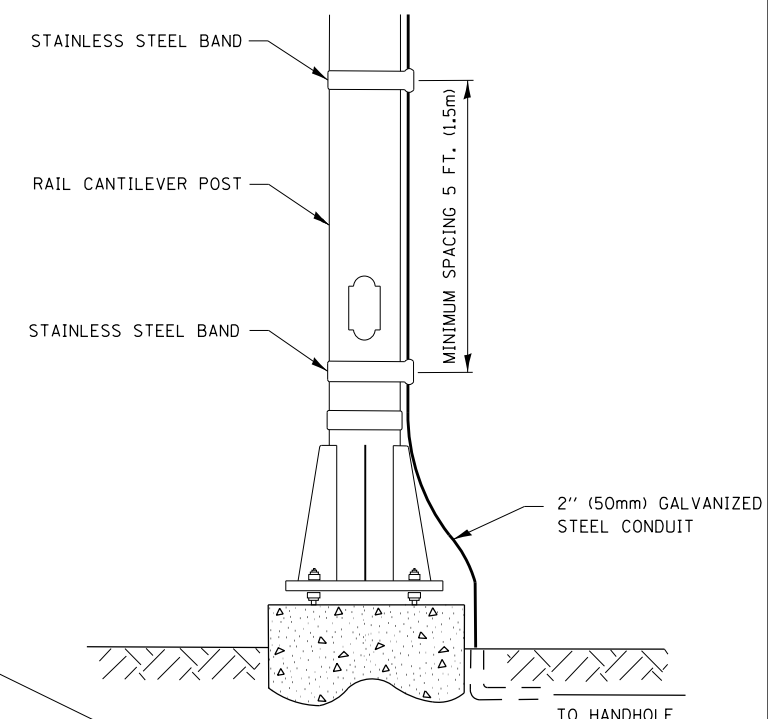
R8-8
24" x 30"

R10-6a (L)
24" x 30"

R10-6 (L)
24" x 36"

R10-6aR (R)
24" x 30"

R10-6 (R)
24" x 36"



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

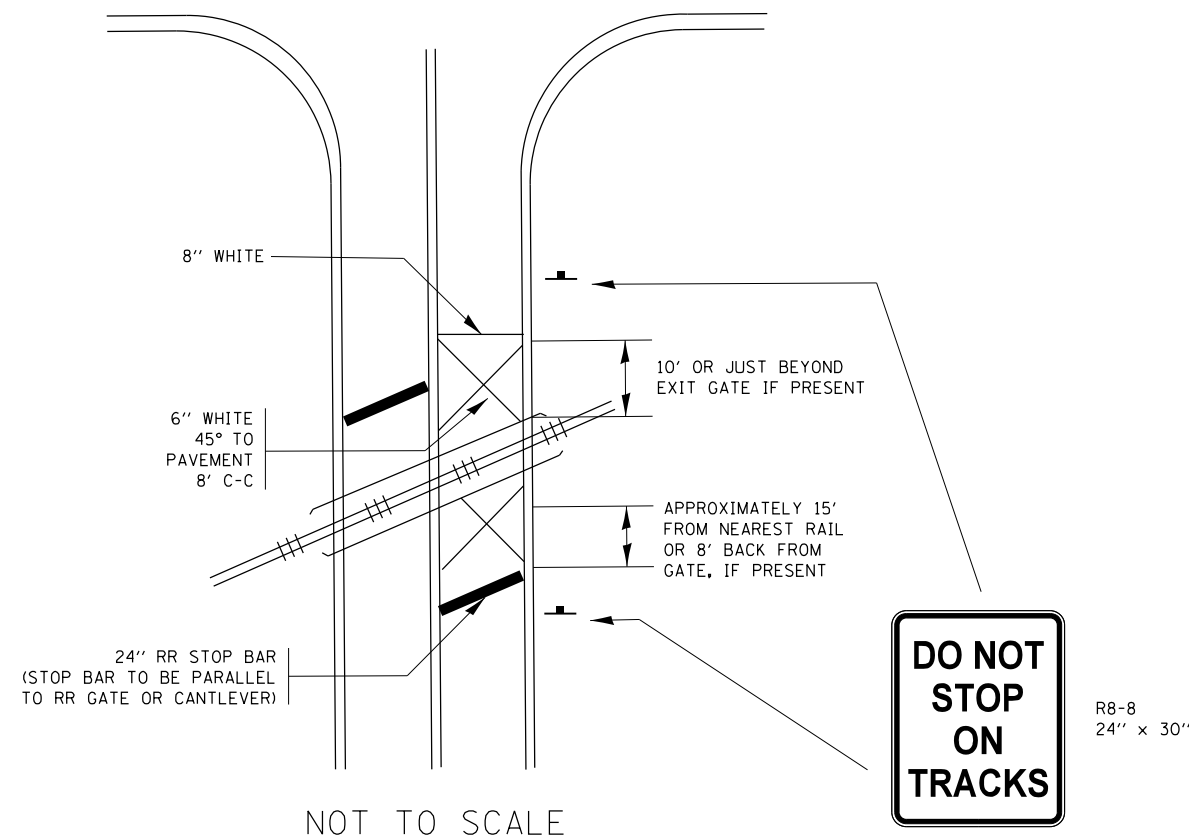
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI0161\BRAW\Notes\Design\DistStd.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - 04-26-12						330	2017-036R5	COOK	100	98A
Default	PLOT DATE = 5/3/2018	DATE -	REVISED - A.R. 07-11-16		TC-23				CONTRACT NO. 62F58				
			REVISED -		SCALE: NONE	SHEET 1	OF 2 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

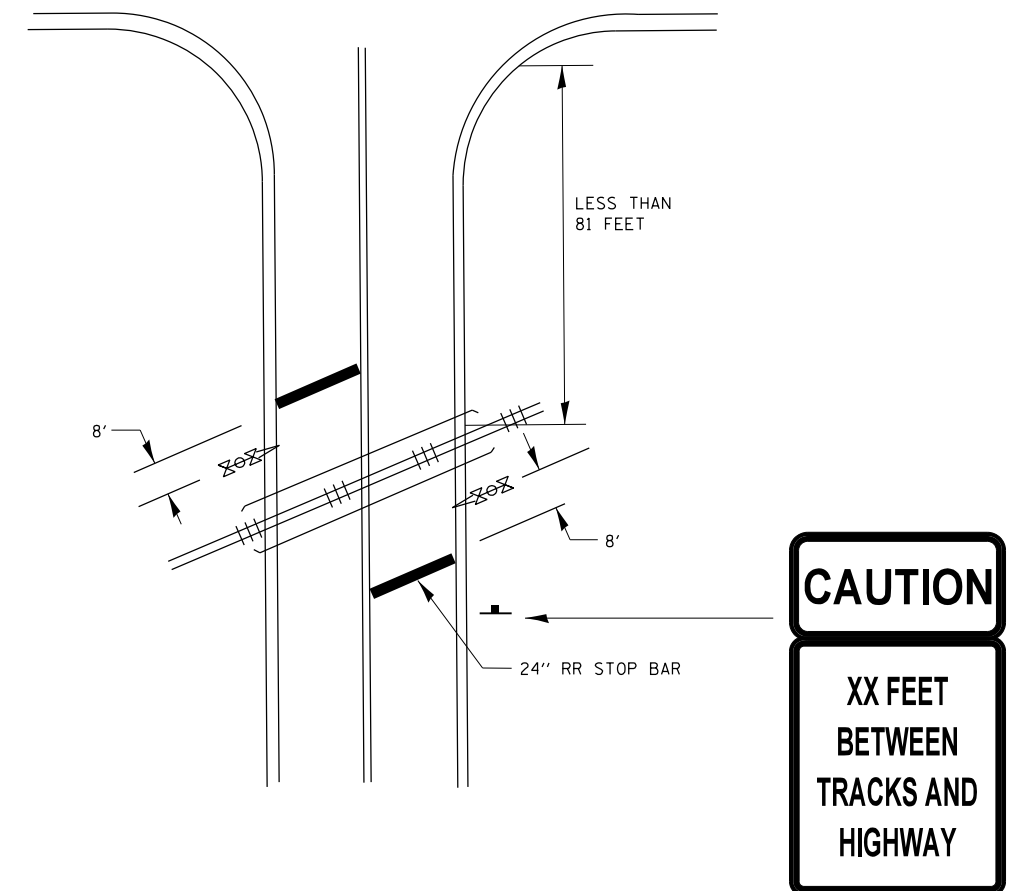
WITH SIGNALIZED INTERSECTION



NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL



NOTE:

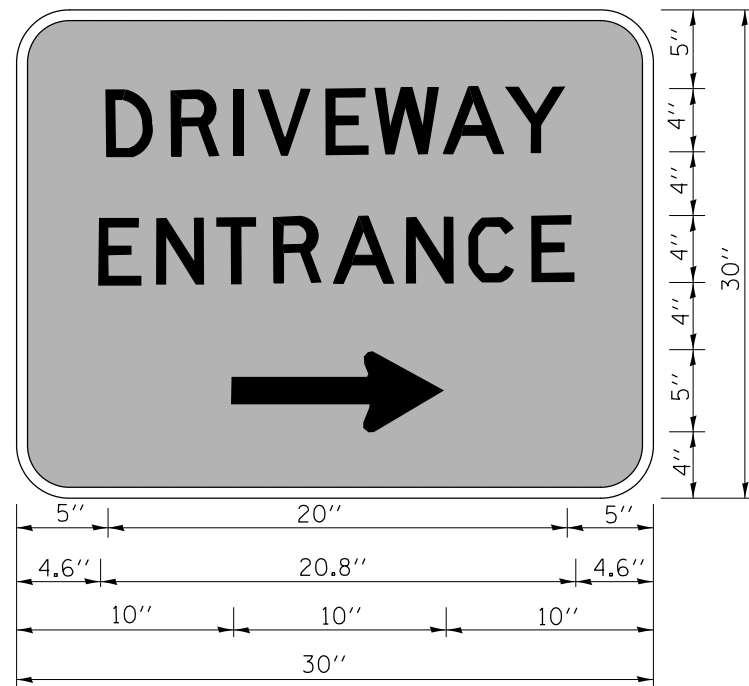
- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI0161\BRAW\Note\Design\DistStd.dgn	PLotted	CHECKED -	REVISED - 04-26-12			330	2017-036RS	COOK	100	98B
Default	PLotted	DATE -	REVISED - A.R. 07-11-16			TC-23		CONTRACT NO. 62F58		
	PLotted	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

W10-I100
30" x 36"

R8-8
24" x 30"



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 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".

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - C. JUCIUS 02-15-07
p:\11\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI0161\Drawings\Design\DistStd.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 5/3/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

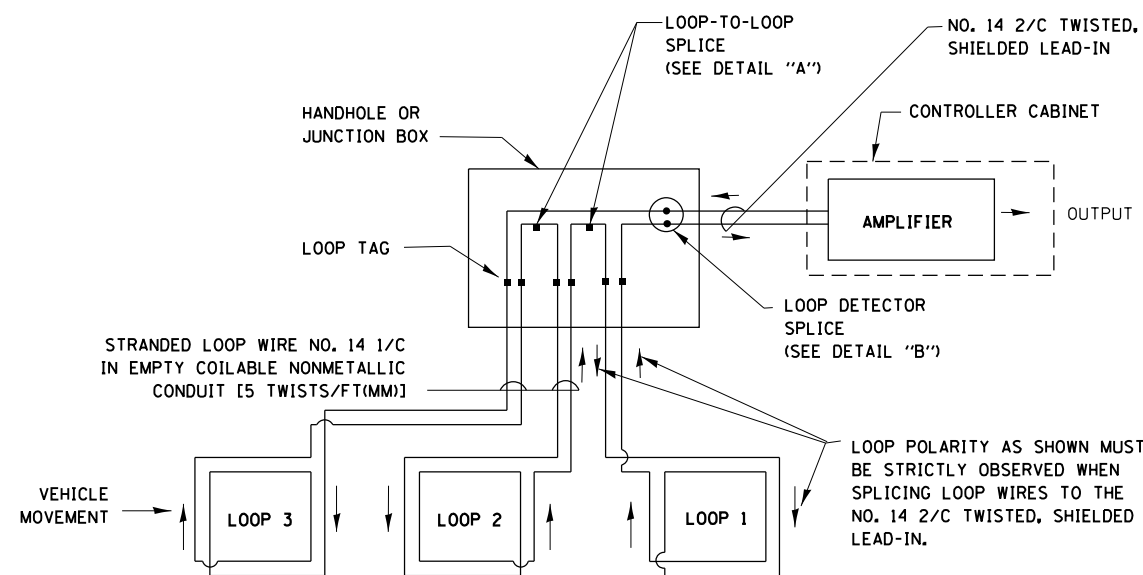
DRIVEWAY ENTRANCE SIGNING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2017-036RS	COOK	100	98C
TC-26			CONTRACT NO. 62F58	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

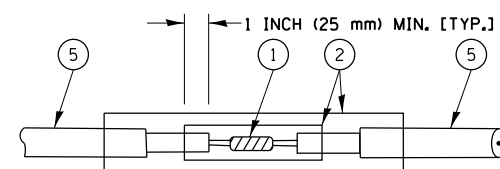
LOOP DETECTOR NOTES

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.

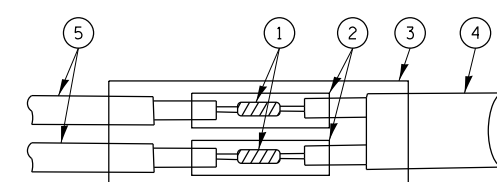


DETECTOR LOOP WIRING SCHEMATIC

- 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.



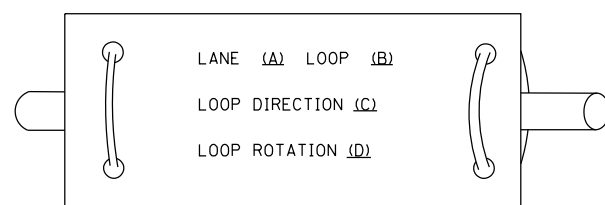
DETAIL "A"
LOOP-TO-LOOP SPLICE



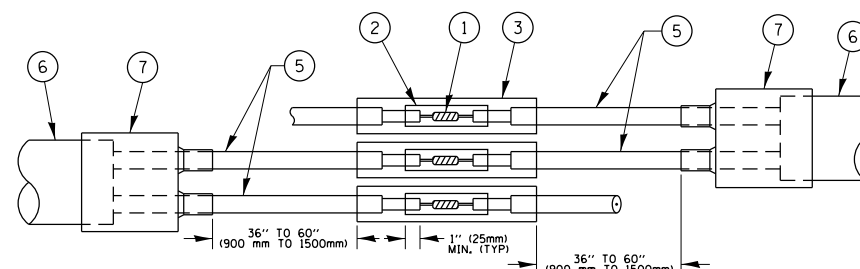
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP

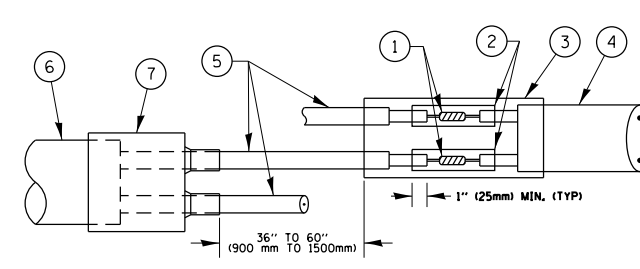
LOOP LEAD-IN CABLE TAG



- 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.



DETAIL "A"
LOOP-TO-LOOP SPLICE



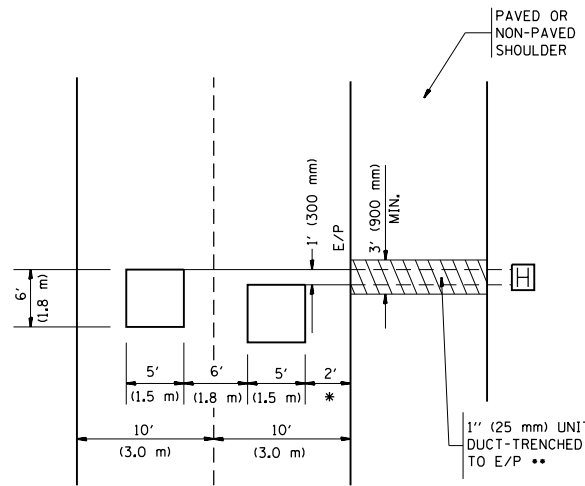
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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 LENGTH 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.



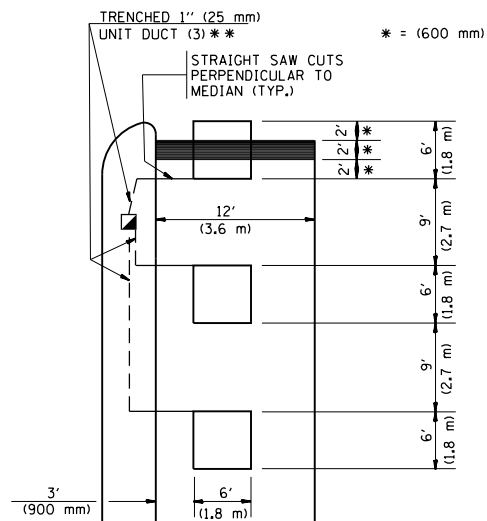
* = (600 mm)

** 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.

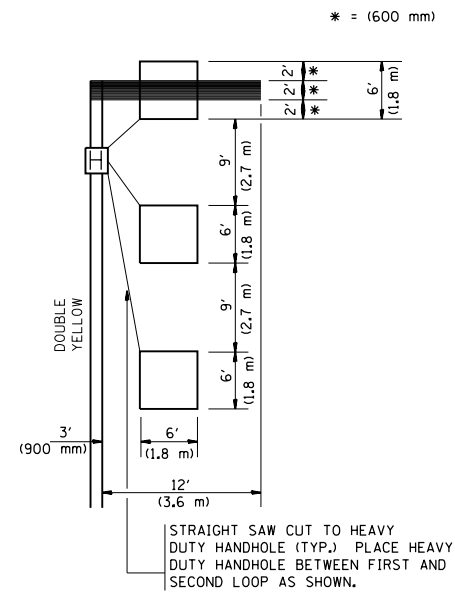


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

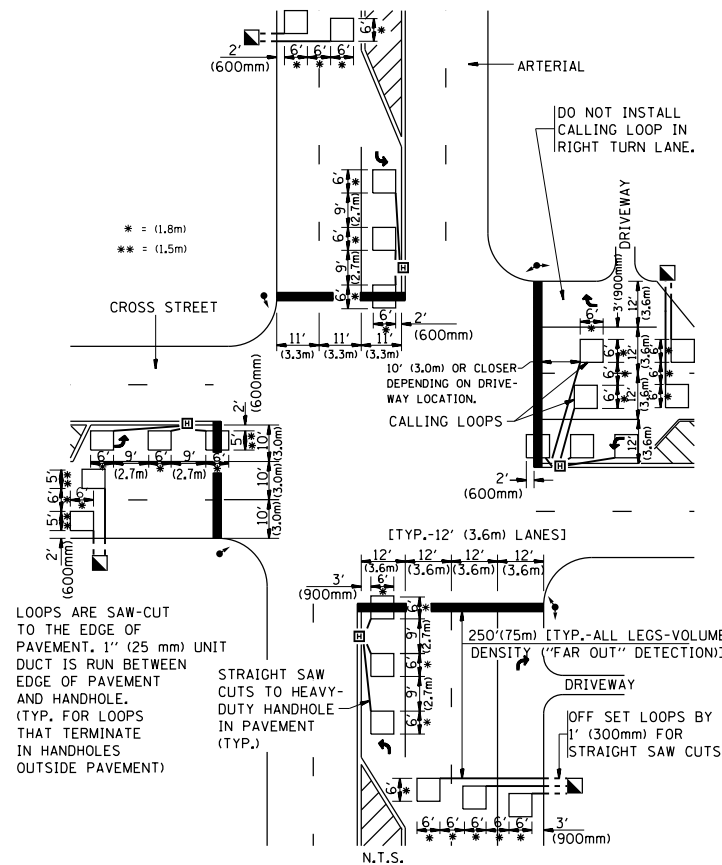
**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



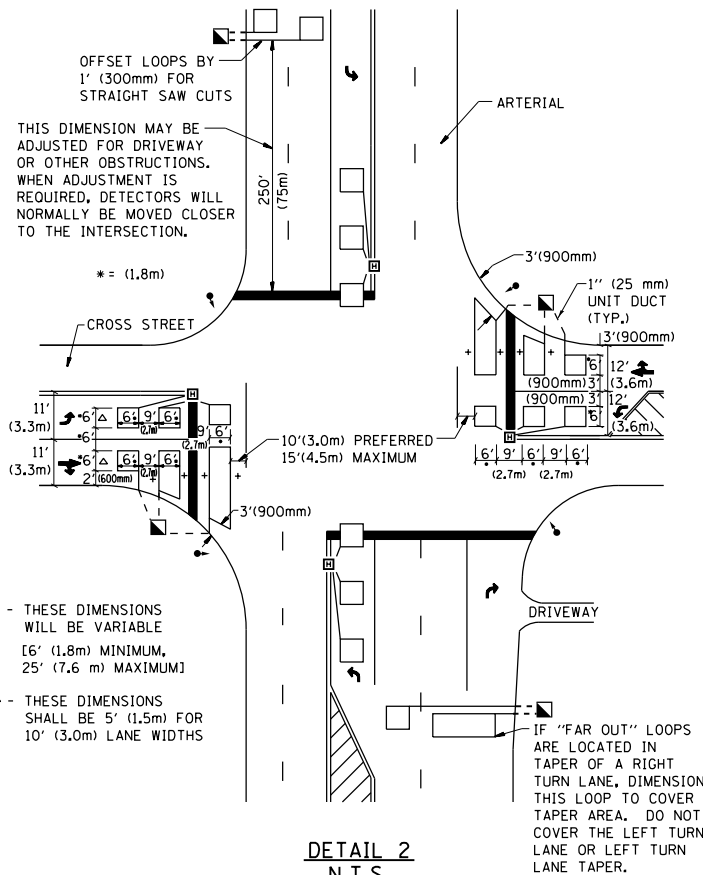
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI0161\BRAW\Notes\Design\DistStd.dgn		CHECKED - R.K.F.	REVISED -			330	2017-036RS	COOK	100	100
PLOT SCALE = 100.0000' / 1".		DATE -	REVISED -			TS-07		CONTRACT NO. 62F58		
PLOT DATE = 3/23/2018						SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT