

021

03-08-2019 LETTING ITEM 021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. A/E:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-RS-SW	DuPAGE	108	1
		ILLINOIS	CONTRACT NO. 62G62	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGES OF LISLE, DOWNERS GROVE, WESTMONT, CLARENDON HILLS

PROPOSED HIGHWAY PLANS

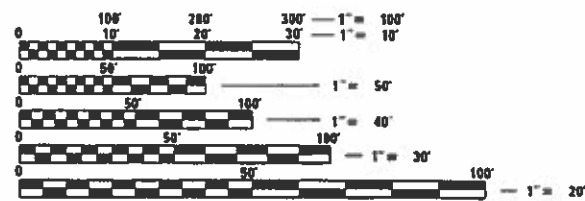
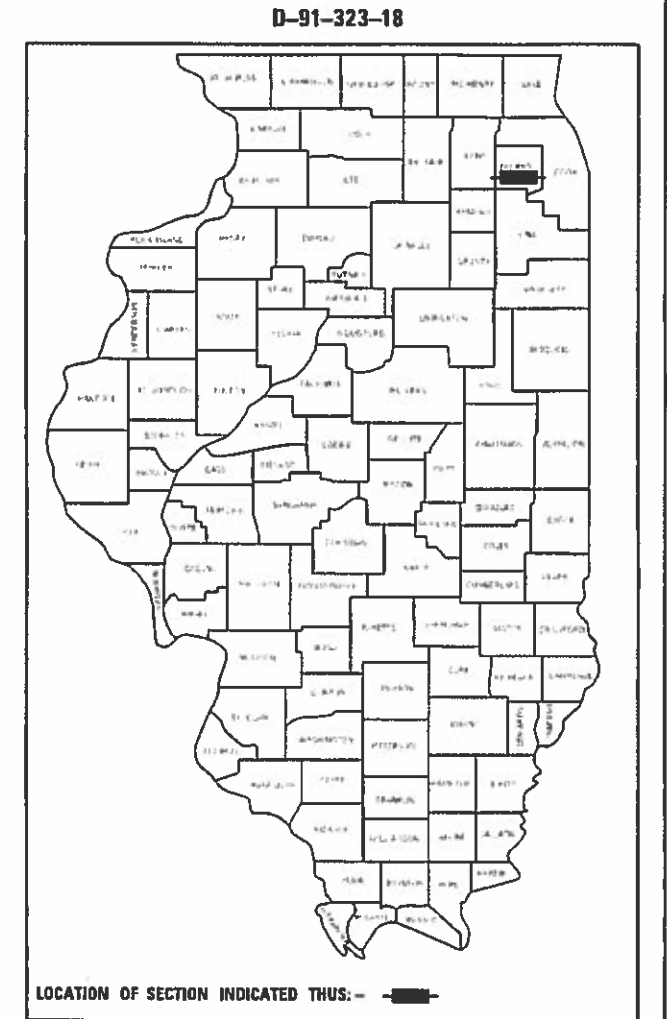
FAP ROUTE 311: US 34 (OGDEN AVENUE)
IVANHOE AVE TO EAST OF ILL 83 (KINGERY HWY)
SECTION: 2018-028-RS-SW
PROJECT: NHPP - NSNX(829)
RESURFACING (3P), PEDESTRIAN RAMPS
DuPAGE COUNTY

C-91-246-18

TRAFFIC DATA:

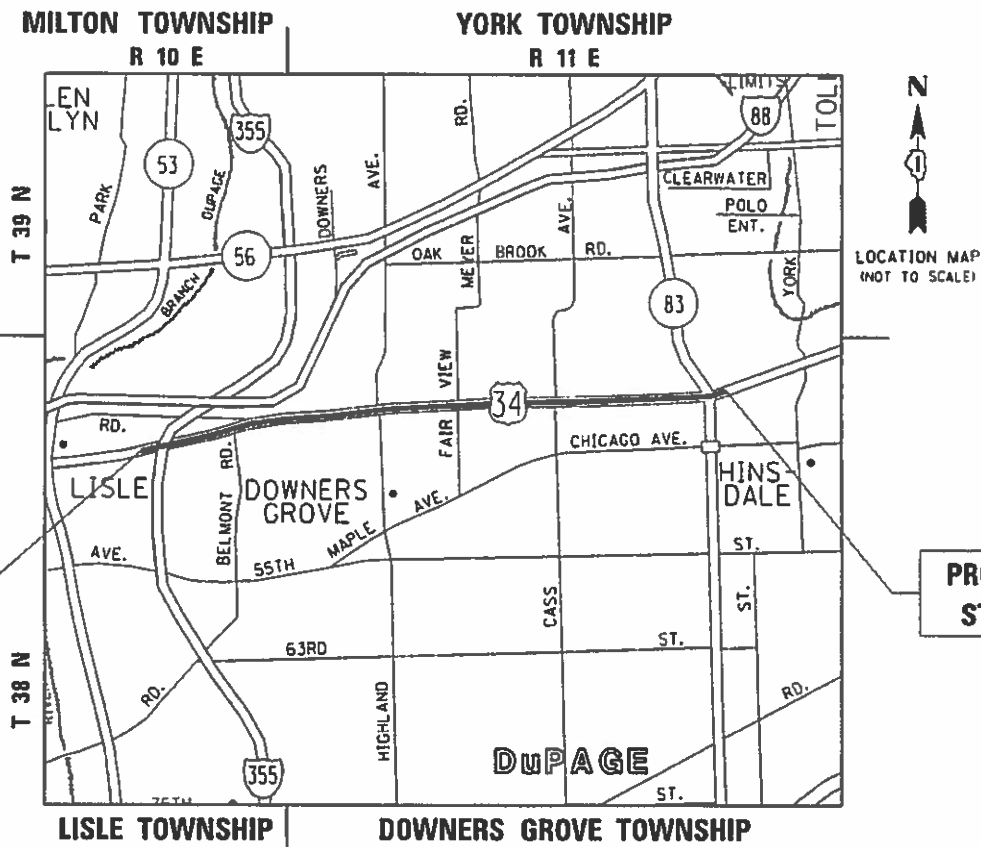
US 34 (OGDEN AVE):

PROJECT BEGIN TO I-355:	I-355 TO CROSS ST:
ADT (2017) = 28,100	ADT (2017) = 31,300
SPEED LIMIT = 40 MPH	SPEED LIMIT = 40 MPH
CROSS ST TO FINLEY RD:	FINLEY RD TO MAIN ST:
ADT (2017) = 31,300	ADT (2017) = 25,400
SPEED LIMIT = 35 MPH	SPEED LIMIT = 35 MPH
MAIN ST TO CASS AVE:	CASS AVE TO PROJECT END:
ADT (2017) = 30,900	ADT (2017) = 30,300
SPEED LIMIT = 35 MPH	SPEED LIMIT = 35 MPH



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

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



PROJECT BEGINS
STA 8+96

PROJECT ENDS
STA 328+41

GROSS & NET LENGTH = 31.945 FT. = 6.050 MILES

PROJECT ENGINEER: KARI SMITH (847) 705-4437
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62G62

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 4, 2018

Anthony J. Perinelli (APB)
REGIONAL ENGINEER

Feb 7, 2019

EA/ETK
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 19, 2019

Paul J. [Signature]
DIRECTOR HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
2-3	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
4-8	SUMMARY OF QUANTITIES	424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
9-15	TYPICAL SECTIONS	424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
16-26	ROADWAY AND PAVEMENT MARKING PLAN	424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
27-73	CURB RAMPS IMPROVEMENT PLANS	424021-05	DEPRESSED CORNER FOR SIDEWALKS
74-91	DETECTOR LOOP REPLACEMENT PLAN	442101-09	CLASS B PATCHES
92	BD-01: DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB OR EDGE OF SHOULDER GREATER THAN OR EQUAL TO 15' (4.5 M)	442201-03	CLASS C AND D PATCHES
93	BD-02: DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15' (4.5 M)	604001-04	FRAME AND LIDS TYPE 1
94	BD-08: DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
95	BD-22: PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	630001-12	STEEL PLATE BEAM GUARDRAIL
96	BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
97	BD-32: BUTT JOINT AND HMA TAPER DETAILS	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
98	BD-33: HMA TAPER AT EDGE OF PCC PAVEMENT	701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
99	BD-34: DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL.	701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
100	TC-08: ENTRANCE AND EXIT RAMP CLOSURE DETAILS	701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
101	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
102	TC-11: TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
103	TC-13: DISTRICT ONE TYPICAL PAVEMENT MARKINGS	701901-08	TRAFFIC CONTROL DEVICES
104	TC-14: TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	725001-01	OBJECT AND TERMINAL MARKERS
105	TC-16: PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING	782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
106	TC-22: ARTERIAL ROAD INFORMATION SIGN	814001-03	HANDHOLES
107	TS-05: DISTRICT 1 - STANDARD TRAFFIC SIGNAL DESIGN DETAILS (SHEET 2 OF 7)		
108	TS-07: DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING		

- 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, VILLAGES OF LISLE, DOWNERS GROVE, WESTMONT, CLARENDON HILLS AND ILLINOIS STATE TOLL HIGHWAY AUTHORITY.
- 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 RESIDENT 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.
- 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.
- PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER / TECHNICIAN.
- LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER / TECHNICIAN.
- CATCH BASINS, MANHOLES, INLETS, DRAINAGE STRUCTURES AND VALVE VAULTS ADJUSTMENT AND/OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER / TECHNICIAN.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS, UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT 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 RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER, VIA E-MAIL AT DON.CHIARUGI@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 RESIDENT ENGINEER.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 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.

SEE SHEET 3 FOR CONTINUATION

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USE R NAME = Vadhkovv	DESIGNED -	REVISION -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY) INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISION -	311			2018-02B-RS-SW	DuPAGE	108	2		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISION -			CONTRACT NO. 62G62					
PLOT DATE = 12/11/2018	DATE -	REVISION -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FEDERAL PROJECT			

GENERAL NOTES (CONTINUED)

21. WHEN EXISTING SIDEWALK IS TO BE REMOVED WITHOUT PROPOSED SIDEWALK REPLACEMENT, IT SHALL BE REPLACED WITH TOPSOIL AND SOD.
22. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED INCLUDING PREVIOUSLY SEEDED AREAS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
23. LANDSCAPED AREAS AFFECTED BY SIDEWALK CONSTRUCTION SHALL BE RESTORED WITH 18-INCH WIDE STRIP OF "SODDING, SALT TOLERANT" AND "TOPSOIL FURNISH AND PLACE, 4-INCH" INSTALLED FROM THE BACK OF THE SIDEWALK, OR AS DETERMINED BY THE RESIDENT ENGINEER/TECHNICIAN.
24. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
25. ALL CAST OPEN LIDS FOR FRAMES, TYPE 1, WITHIN CURB RAMPS FOR SIDEWALK, SHALL BE "ADA COMPLIANT" CAST OPEN LIDS PER HIGHWAY STANDARD 604001.
26. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
27. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENT FIRM TO CONTINUOUSLY MONITOR FOR WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL LOCATIONS. SEE SPECIAL PROVISION AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.
28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.

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USER NAME = Velichkovv	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	3
CONTRACT NO. 62G62			ILLINOIS FED. AID PROJECT	

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE				
20200100	EARTH EXCAVATION	CU YD	190	190				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1870	1870				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	15	15				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	15	15				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	15	15				
25200110	SODDING, SALT TOLERANT	SO YD	1870	1870				
25200200	SUPPLEMENTAL WATERING	UNIT	53	53				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	95	95				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	143980	143980				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	323	323				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	8820	8820				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1330	1330				
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SO YD	2866	2866				

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	11	11				
42001300	PROTECTIVE COAT	SO YD	3858	3858				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	91	91				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	16059	16059				
42400800	DETECTABLE WARNINGS	SO FT	1108	1108				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	185715	185715				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	190	190				
44000300	CURB REMOVAL	FOOT	795	795				
44000600	SIDEWALK REMOVAL	SO FT	16884	16884				
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SO FT	13805	13805				
44200050	WELDED WIRE REINFORCEMENT	SO YD	157	157				
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SO YD	12	12				
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	43	43				REV. - MS
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	53	53				* = SPECIALTY ITEMS

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	PLOT SCALE = 100,0000' / 1in	CHECKED -	REVISED -
	PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
SUMMARY OF QUANTITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-RS-SW	DuPAGE	108	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

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

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE					
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	104	104					
44201299	DOWEL BARS 1 1/2"	EACH	280	280					
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	224	224					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	888	888					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	1110	1110					
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	2217	2217					
44201847	CLASS D PATCHES, TYPE I, 17 INCH	SO YD	434	434					
44201851	CLASS D PATCHES, TYPE II, 17 INCH	SO YD	1736	1736					
44201855	CLASS D PATCHES, TYPE III, 17 INCH	SO YD	2169	2169					
44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SO YD	4338	4338					
44213200	SAW CUTS	FOOT	1190	1190					
44213204	TIE BARS 3/4"	EACH	32	32					
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SO YD	58	58					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	21	21					
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	13	13					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	8	8					
60255500	MANHOLES TO BE ADJUSTED	EACH	14	14					
60260100	INLETS TO BE ADJUSTED	EACH	24	24					
60262700	INLETS TO BE RECONSTRUCTED	EACH	8	8					
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	11	11					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	61	61					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	30	30					
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10	10					
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	10					
60600605	CONCRETE CURB, TYPE B	FOOT	13	13					
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	795	795					
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	10223	10223					
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	244	244					

* = SPECIALTY ITEMS

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE				
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2				
63200310	GUARDRAIL REMOVAL	FOOT	390	390				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	175	175				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	15	15				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
* 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	40	40				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18				
67100100	MOBILIZATION	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	0005 80% FED 20% STATE	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT							
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	74800	74800					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	24940	24940					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	4920	4920					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	90270	90270					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12850	12850					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	810	810					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	6210	6210					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2330	2330					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	24940	24940					
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1					
* 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1					
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2					

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* = SPECIALTY ITEMS

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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY))
SUMMARY OF QUANTITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-RS-SW	DuPAGE	108	6
SCALE:			CONTRACT NO. 62G62	
SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	4730	4730				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	88850	88850				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	12200	12200				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	810	810				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6210	6210				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2330	2330				
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	190	190				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1420	1420				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	650	650				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3155	3155				
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4	4				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	3000	3000				
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	10	10				
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	9273	9273				
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	34	34				
* 89502376	REBUILD EXISTING HANDHOLE	EACH	18	18				
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1				
X0326681	REMOVE AND RE-ERECT BOULDERS	L SUM	1	1				
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	110	110				
* X2700003	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	360	360				
* X2700004	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 7"	FOOT	360	360				
X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	TON	21068	21068				
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	4732	4732				
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	10223	10223				

REV. - MS

* = SPECIALTY ITEMS
 △ = NON-PARTICIPATING WORK (100% STATE)

FILE NAME =	USER NAME = Veltchovv	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY))
 SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-RS-SW		108	7
CONTRACT NO. 62G62			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	

LEGEND - EXISTING:

- (A) PCC PAVEMENT
- (B) PAVEMENT FABRIC
- (C) SUBBASE GRANULAR MATERIAL, TYPE B, 4" - 6"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) HMA PAVEMENT
- (G) WIDENING
- (H) PCC SIDEWALK
- (I) TOPSOIL + LANDSCAPING / CONCRETE MEDIAN SURFACE, 4"
- (J) SAND BACKFILL (FOR CONC. MEDIAN SURFACE)
- (K) STABILIZED MEDIAN
- (L) CONCRETE MEDIAN, TYPE M-2 (12" GUTTERS)

NOTES:

- 1) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED.

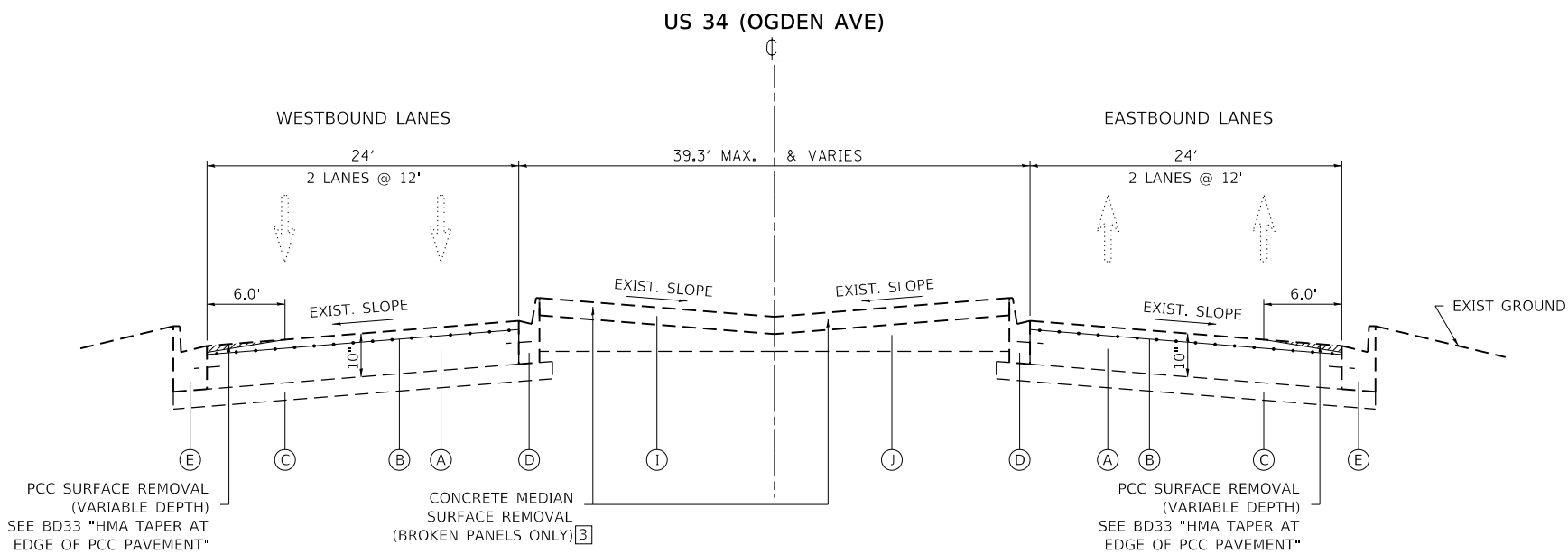
LEGEND - PROPOSED

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80	3.5% AT 80 GYR.	PFP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% AT 50 GYR.	QCP
DRIVEWAYS		
HMA SURFACE COURSE, MIX D, N50 (IL 9.5 mm); 2"	4% AT 50 GYR.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 6", CE - 8"	4% AT 50 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/QA
LONGITUDINAL PARTIAL DEPTH PATCHING (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)		

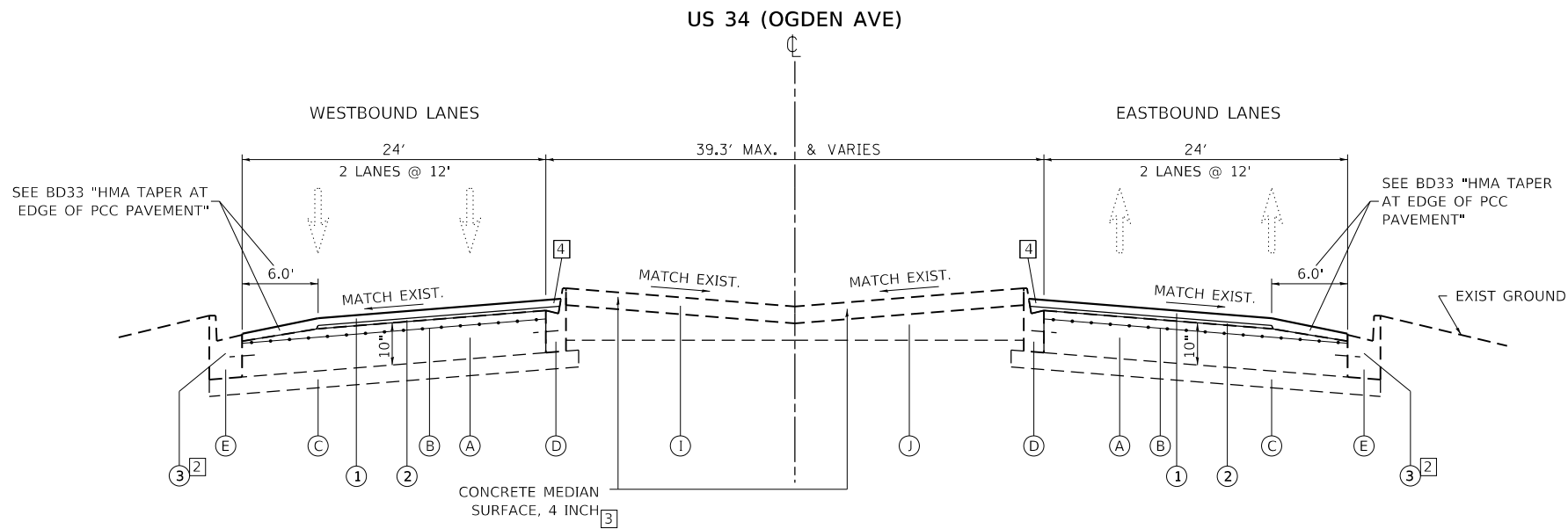
- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



EXISTING TYPICAL SECTION

STA 10+16 TO STA 16+41
STA 22+28 TO STA 27+00

[3] = LOCATIONS OF CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.



PROPOSED TYPICAL SECTION

STA 10+16 TO STA 16+41
STA 22+28 TO STA 27+00

- [2] = LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.
- [3] = LOCATIONS OF CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.
- [4] = EXISTING GUTTER TO BE OVERLAID WITH HMA

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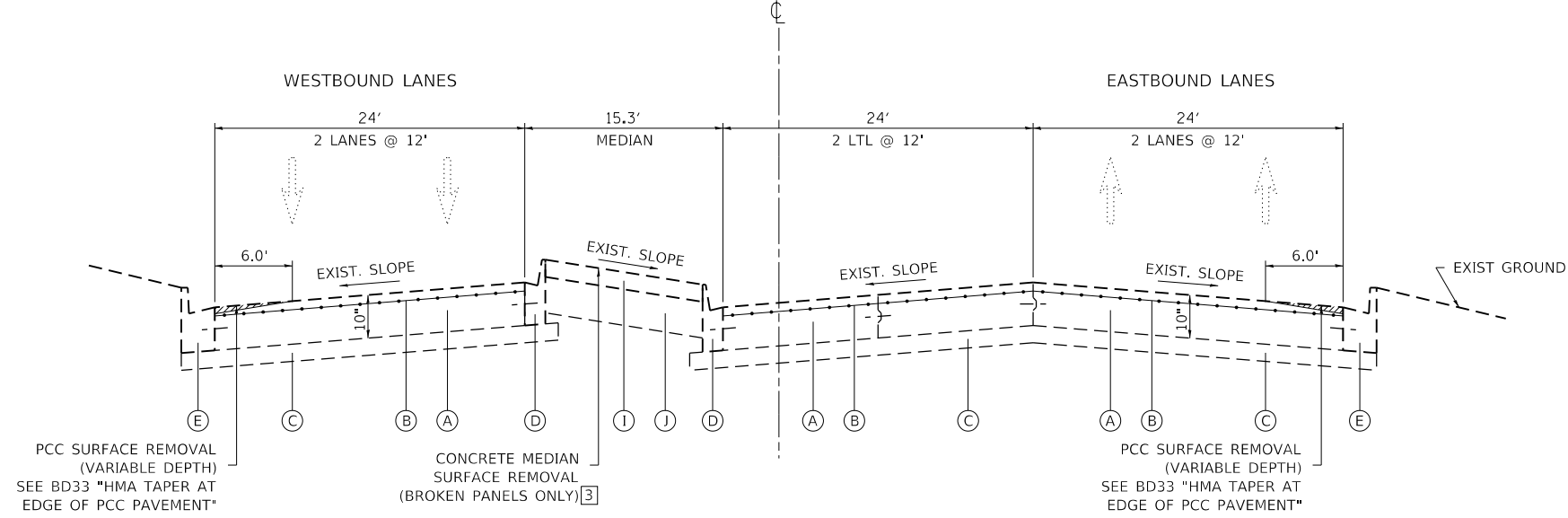
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	9
CONTRACT NO. 62G62			ILLINOIS FED. AID PROJECT	

US 34 (OGDEN AVE)



EXISTING TYPICAL SECTION (LEFT TURN LANE)

STA 20+45 TO STA 21+46

[3] = LOCATIONS OF CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.

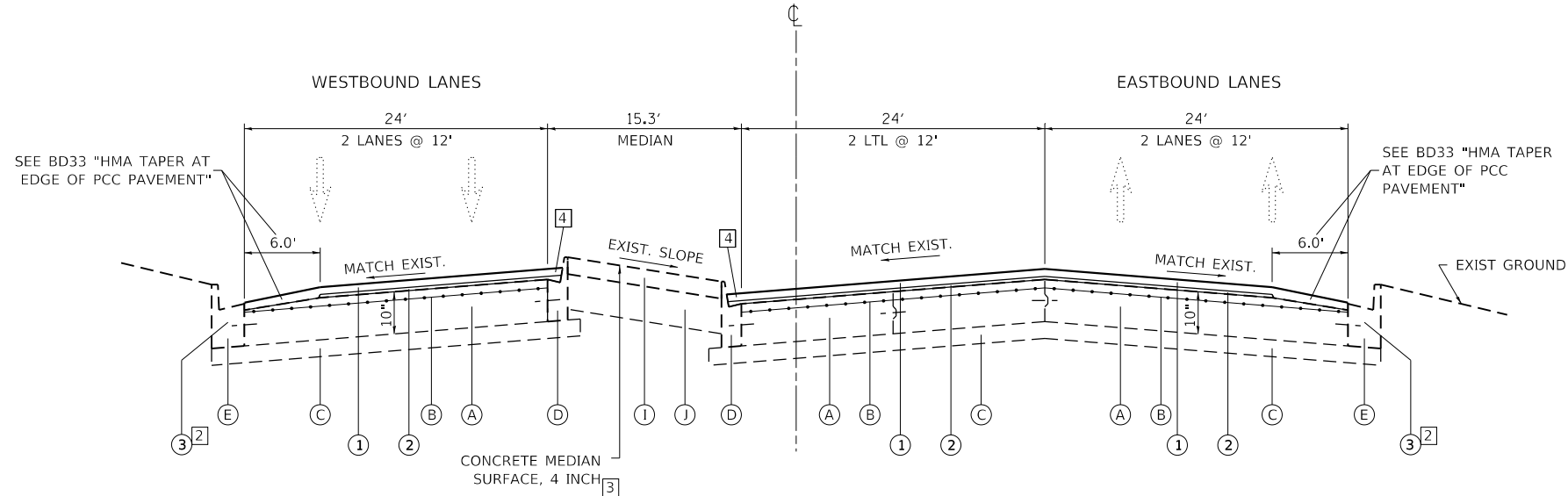
LEGEND - EXISTING:

- (A) PCC PAVEMENT
- (B) PAVEMENT FABRIC
- (C) SUBBASE GRANULAR MATERIAL, TYPE B, 4" - 6"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) HMA PAVEMENT
- (G) WIDENING
- (H) PCC SIDEWALK
- (I) TOPSOIL + LANDSCAPING / CONCRETE MEDIAN SURFACE, 4"
- (J) SAND BACKFILL (FOR CONC. MEDIAN SURFACE)
- (K) STABILIZED MEDIAN
- (L) CONCRETE MEDIAN, TYPE M-2 (12" GUTTERS)

NOTES:

- 1) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED.

US 34 (OGDEN AVE)



PROPOSED TYPICAL SECTION (LEFT TURN LANE)

STA 20+45 TO STA 21+46

[2] = LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.

[3] = LOCATIONS OF CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.

[4] = EXISTING GUTTER TO BE OVERLAID WITH HMA

LEGEND - PROPOSED

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

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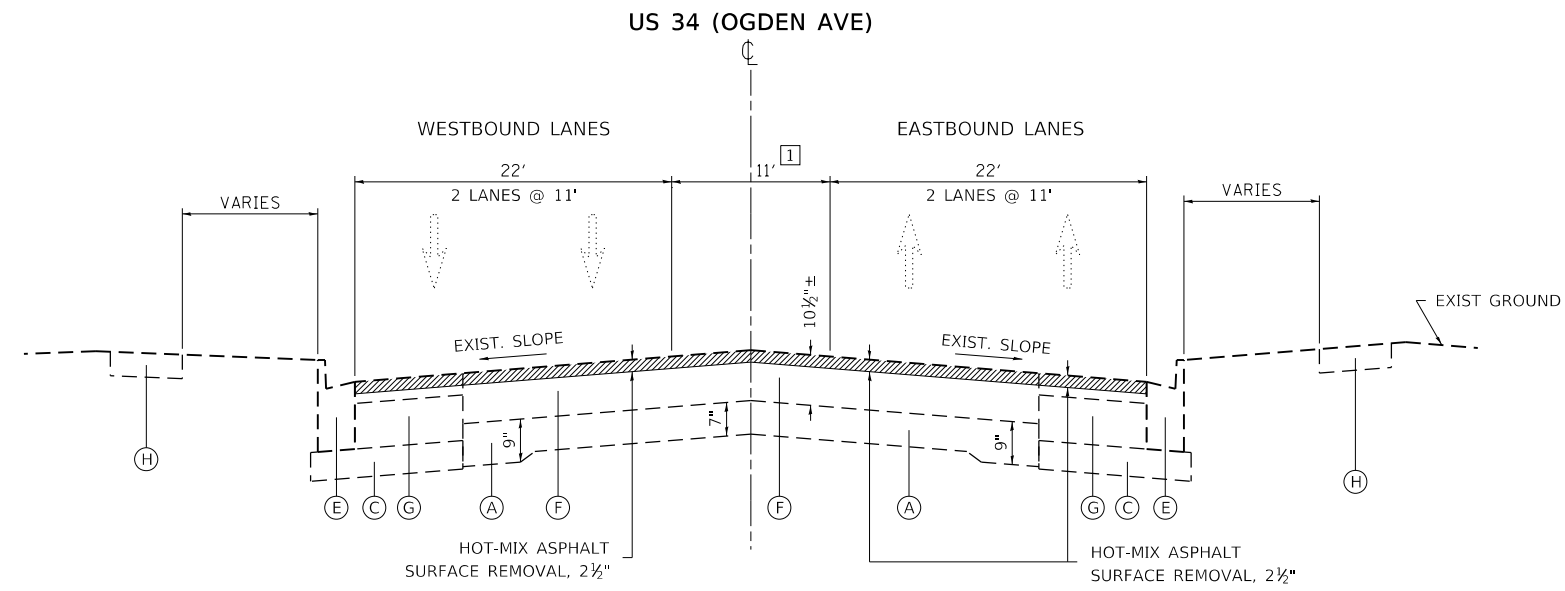
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY))
TYPICAL SECTIONS

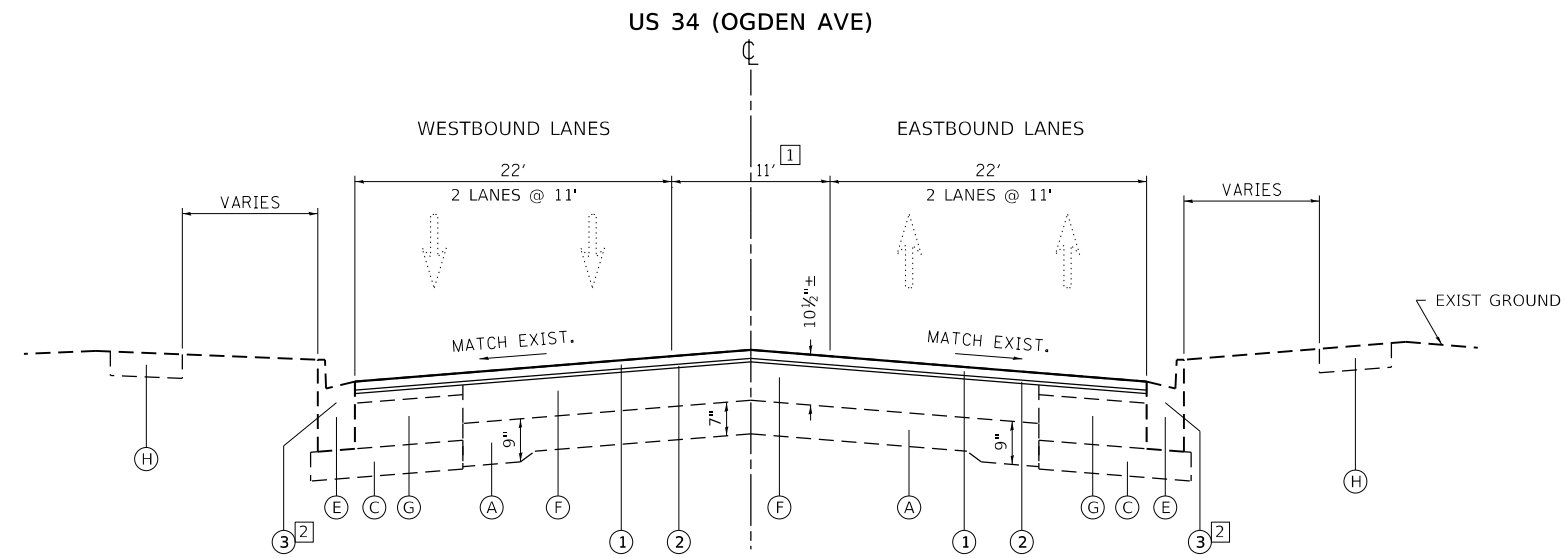
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	10
CONTRACT NO. 62G62			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
 STA 33+73 (W. OF AUTHORITY DR) TO STA 233+75 (W. OF CASS AVE)

1 = TWO-WAY LEFT-TURN LANE / LEFT-TURN LANE / PAINTED MEDIAN



PROPOSED TYPICAL SECTION
 STA 33+73 (W. OF AUTHORITY DR) TO STA 233+75 (W. OF CASS AVE)

2 = LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.

LEGEND - EXISTING:

- (A) PCC PAVEMENT
- (B) PAVEMENT FABRIC
- (C) SUBBASE GRANULAR MATERIAL, TYPE B, 4" - 6"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) HMA PAVEMENT
- (G) WIDENING
- (H) PCC SIDEWALK
- (I) TOPSOIL + LANDSCAPING / CONCRETE MEDIAN SURFACE, 4"
- (J) SAND BACKFILL (FOR CONC. MEDIAN SURFACE)
- (K) STABILIZED MEDIAN
- (L) CONCRETE MEDIAN, TYPE M-2 (12" GUTTERS)

NOTES:

- 1) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED.
- 2) THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.

LEGEND - PROPOSED

- 1 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- 2 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- 3 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

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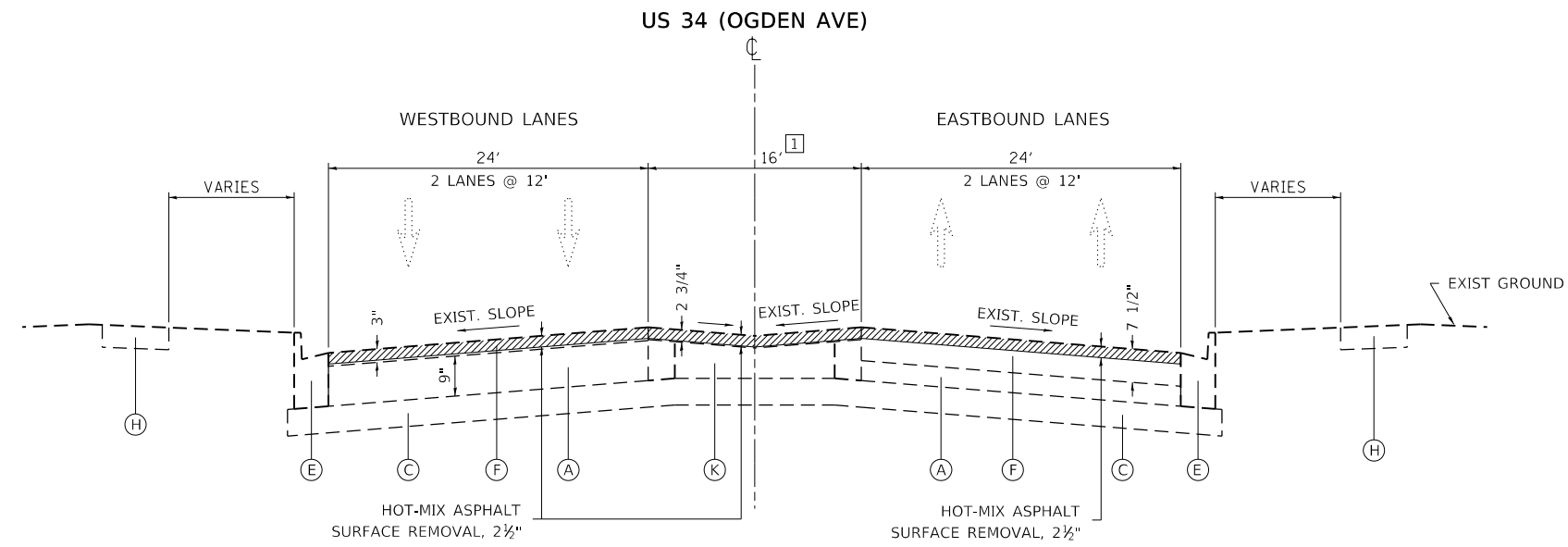
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



EXISTING TYPICAL SECTION
 STA 233+75 (W. OF CASS AVE) TO STA 307+97 (PASQUINELLI DR)

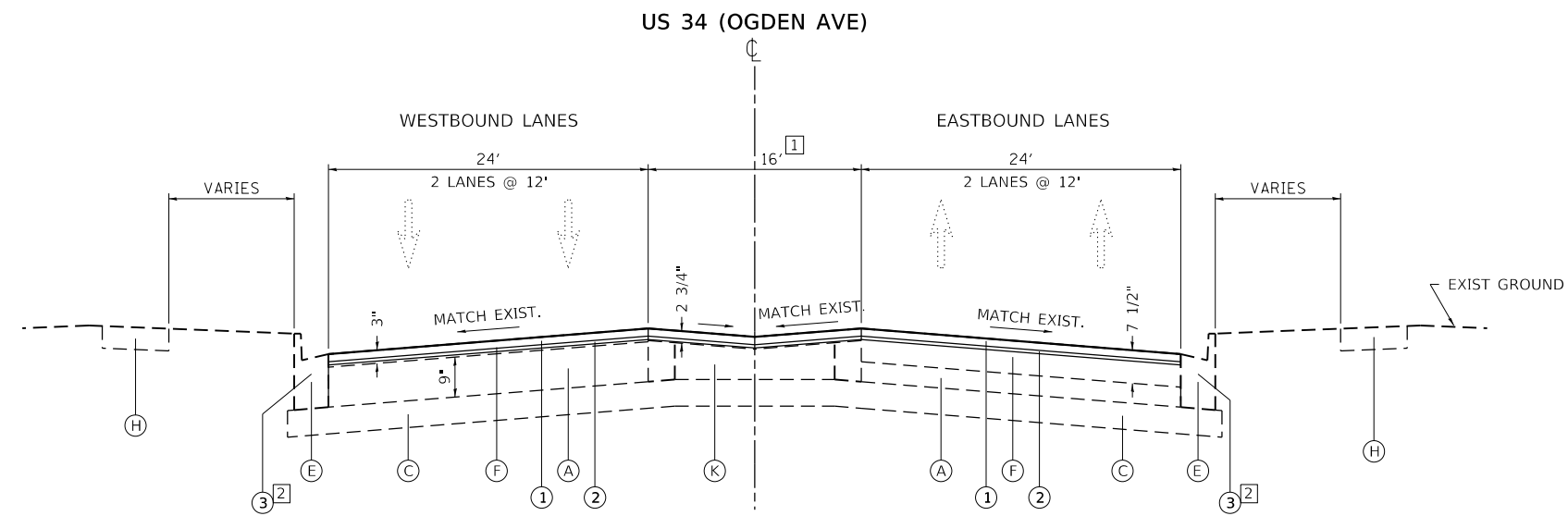
[1] = TWO-WAY LEFT-TURN LANE / LEFT-TURN LANE / PAINTED MEDIAN

LEGEND - EXISTING:

- (A) PCC PAVEMENT
- (B) PAVEMENT FABRIC
- (C) SUBBASE GRANULAR MATERIAL, TYPE B, 4" - 6"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) HMA PAVEMENT
- (G) WIDENING
- (H) PCC SIDEWALK
- (I) TOPSOIL + LANDSCAPING / CONCRETE MEDIAN SURFACE, 4"
- (J) SAND BACKFILL (FOR CONC. MEDIAN SURFACE)
- (K) STABILIZED MEDIAN
- (L) CONCRETE MEDIAN, TYPE M-2 (12" GUTTERS)

NOTES:

- 1) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED.
- 2) THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.



PROPOSED TYPICAL SECTION
 STA 233+75 (W. OF CASS AVE) TO STA 307+97 (PASQUINELLI DR)

[2] = LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.

LEGEND - PROPOSED

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

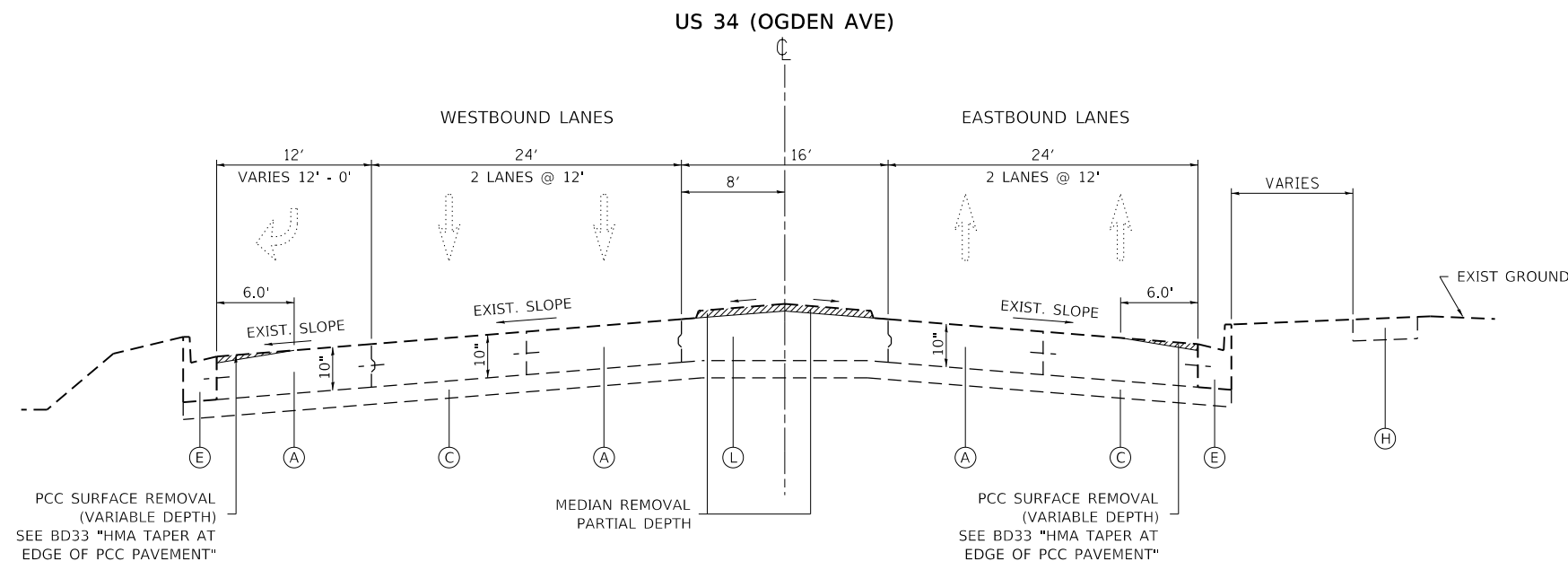
**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	12
CONTRACT NO. 62G62			ILLINOIS FED. AID PROJECT	

LEGEND - EXISTING:

- (A) PCC PAVEMENT
- (B) PAVEMENT FABRIC
- (C) SUBBASE GRANULAR MATERIAL, TYPE B, 4" - 6"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) HMA PAVEMENT
- (G) WIDENING
- (H) PCC SIDEWALK
- (I) TOPSOIL + LANDSCAPING / CONCRETE MEDIAN SURFACE, 4"
- (J) SAND BACKFILL (FOR CONC. MEDIAN SURFACE)
- (K) STABILIZED MEDIAN
- (L) CONCRETE MEDIAN, TYPE M-2 (12" GUTTERS)



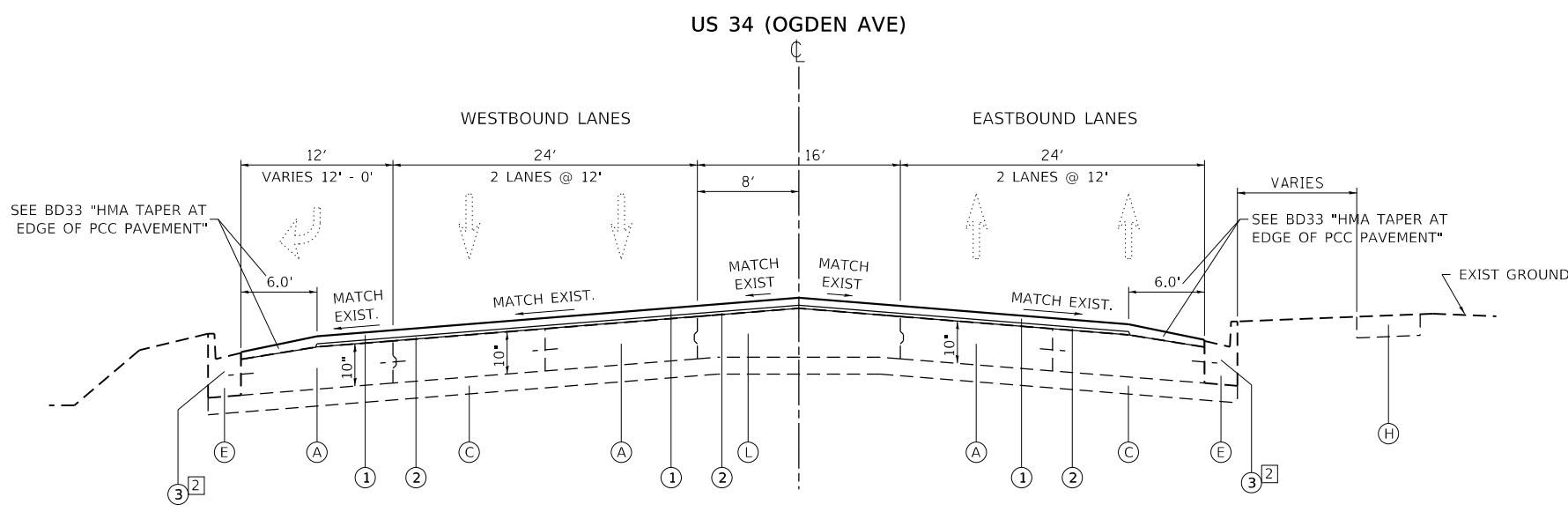
EXISTING TYPICAL SECTION
 STA 307+97 (PASQUINELLI DR) TO STA 316+65 (OMISSION DUE TO OVERPASS)

NOTES:

- 1) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED.

LEGEND - PROPOSED

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT



PROPOSED TYPICAL SECTION
 STA 307+97 (PASQUINELLI DR) TO STA 316+65 (OMISSION DUE TO OVERPASS)

(2) = LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.

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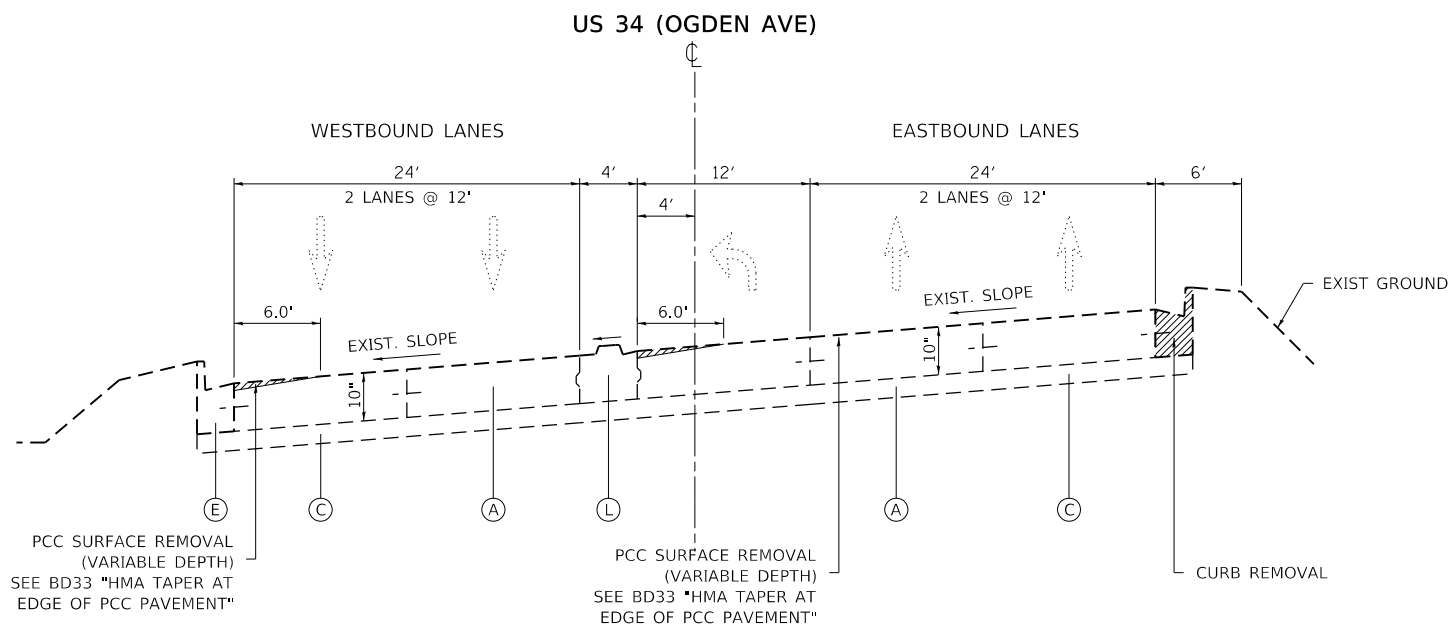
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
 TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

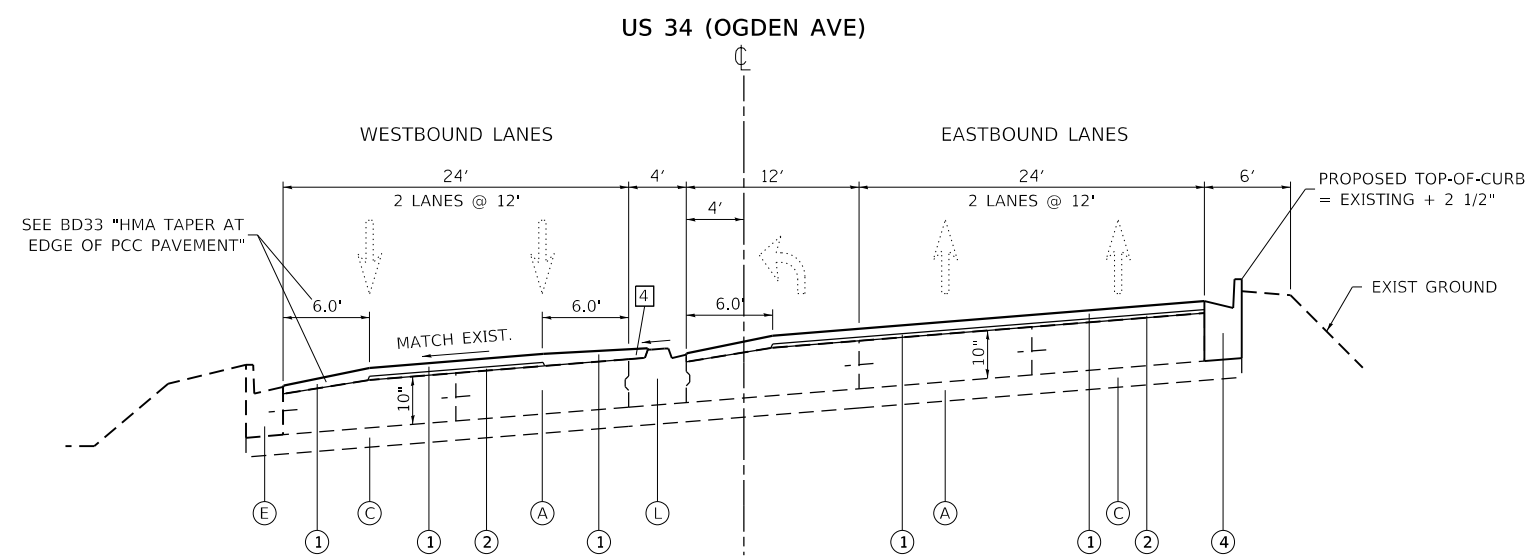
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311	2018-028-R5-SW	DuPAGE	108	13
			CONTRACT NO. 62G62	
		ILLINOIS FED. AID PROJECT		



EXISTING TYPICAL SECTION (LEFT TURN LANE)
STA 318+68 (OMISSION DUE TO OVERPASS) TO STA 321+42

- LEGEND - EXISTING:**
- (A) PCC PAVEMENT
 - (B) PAVEMENT FABRIC
 - (C) SUBBASE GRANULAR MATERIAL, TYPE B, 4" - 6"
 - (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
 - (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (F) HMA PAVEMENT
 - (G) WIDENING
 - (H) PCC SIDEWALK
 - (I) TOPSOIL + LANDSCAPING / CONCRETE MEDIAN SURFACE, 4"
 - (J) SAND BACKFILL (FOR CONC. MEDIAN SURFACE)
 - (K) STABILIZED MEDIAN
 - (L) CONCRETE MEDIAN, TYPE M-2 (12" GUTTERS)

- NOTES:**
- 1) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED.



PROPOSED TYPICAL SECTION (LEFT TURN LANE)
STA 318+68 (OMISSION DUE TO OVERPASS) TO STA 321+42

[4] = EXISTING GUTTER TO BE OVERLAID WITH HMA.
TOP OF SURFACE COURSE TO MATCH TOP OF MEDIAN.

- LEGEND - PROPOSED**
- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
 - (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 - (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
 - (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY))
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

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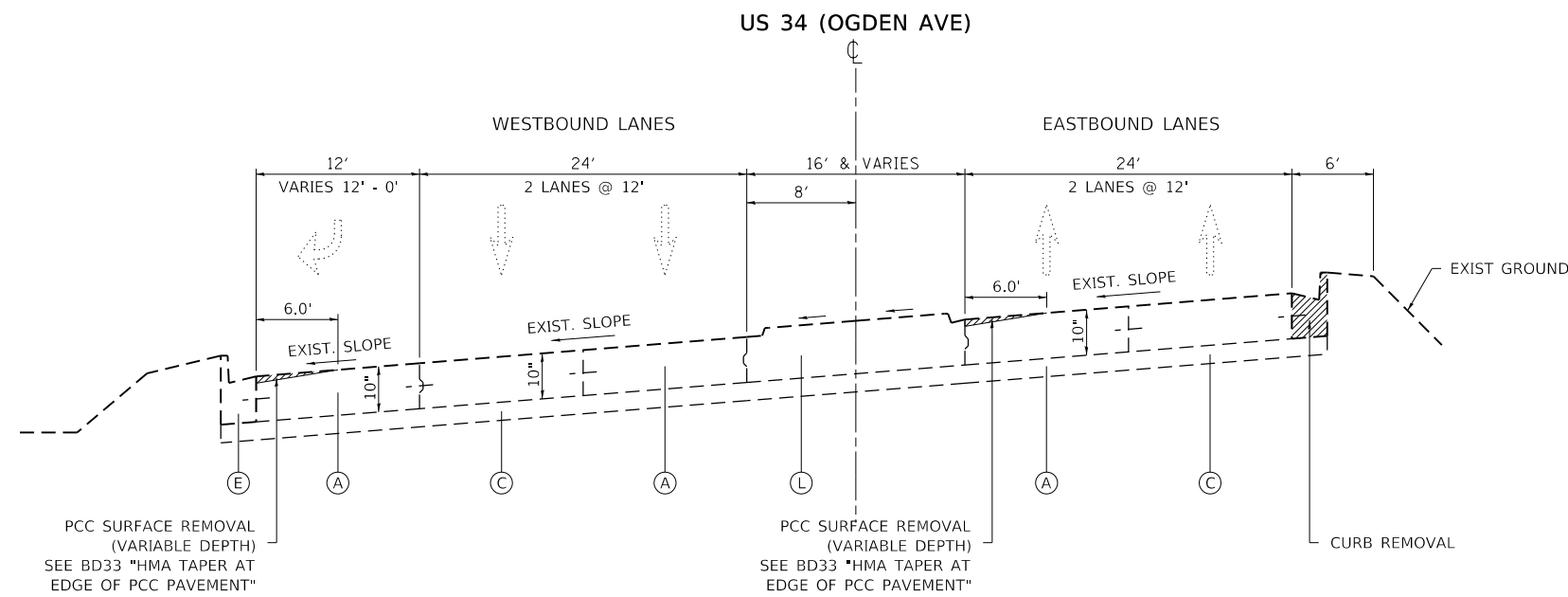
- (A) PCC PAVEMENT
- (B) PAVEMENT FABRIC
- (C) SUBBASE GRANULAR MATERIAL, TYPE B, 4" - 6"
- (D) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12
- (E) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (F) HMA PAVEMENT
- (G) WIDENING
- (H) PCC SIDEWALK
- (I) TOPSOIL + LANDSCAPING / CONCRETE MEDIAN SURFACE, 4"
- (J) SAND BACKFILL (FOR CONC. MEDIAN SURFACE)
- (K) STABILIZED MEDIAN
- (L) CONCRETE MEDIAN, TYPE M-2 (12" GUTTERS)

NOTES:

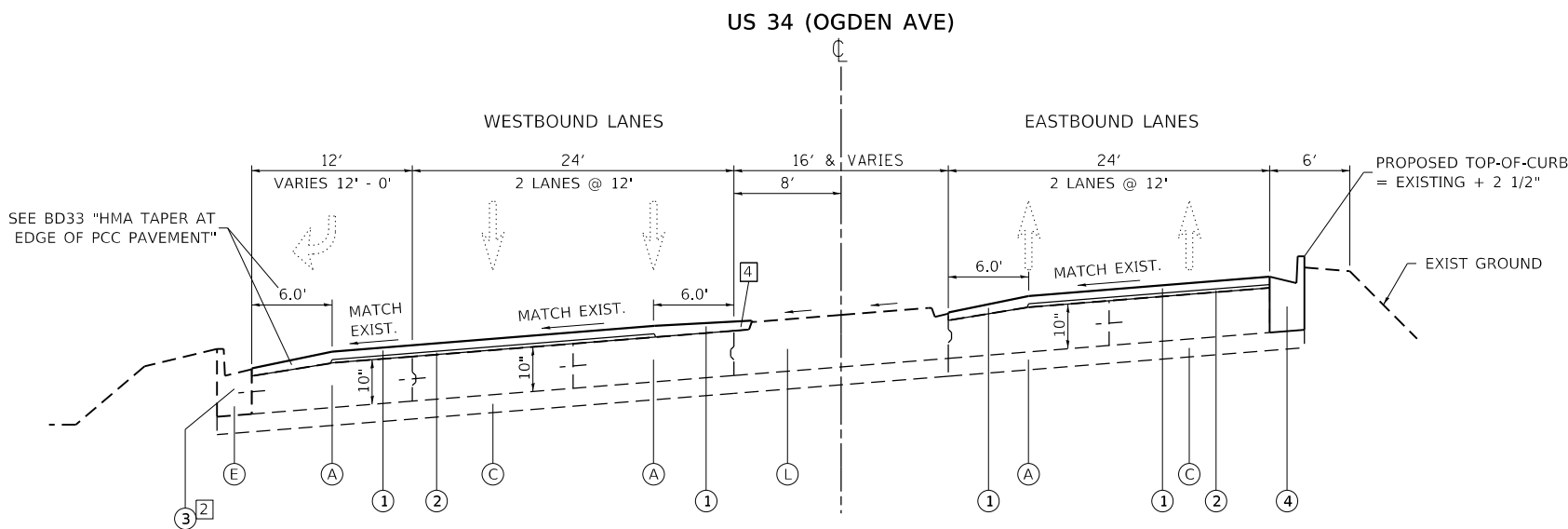
- 1) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED LEVELING BINDER WHERE THE SURFACE JOINT WILL BE LOCATED.

LEGEND - PROPOSED

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24



EXISTING TYPICAL SECTION (SUPERELEVATION)
STA 322+69 TO STA 326+61



PROPOSED TYPICAL SECTION (SUPERELEVATION)
STA 322+69 TO STA 326+61

4 = EXISTING GUTTER TO BE OVERLAID WITH HMA.
TOP OF SURFACE COURSE TO MATCH TOP OF MEDIAN.

MODEL: Default
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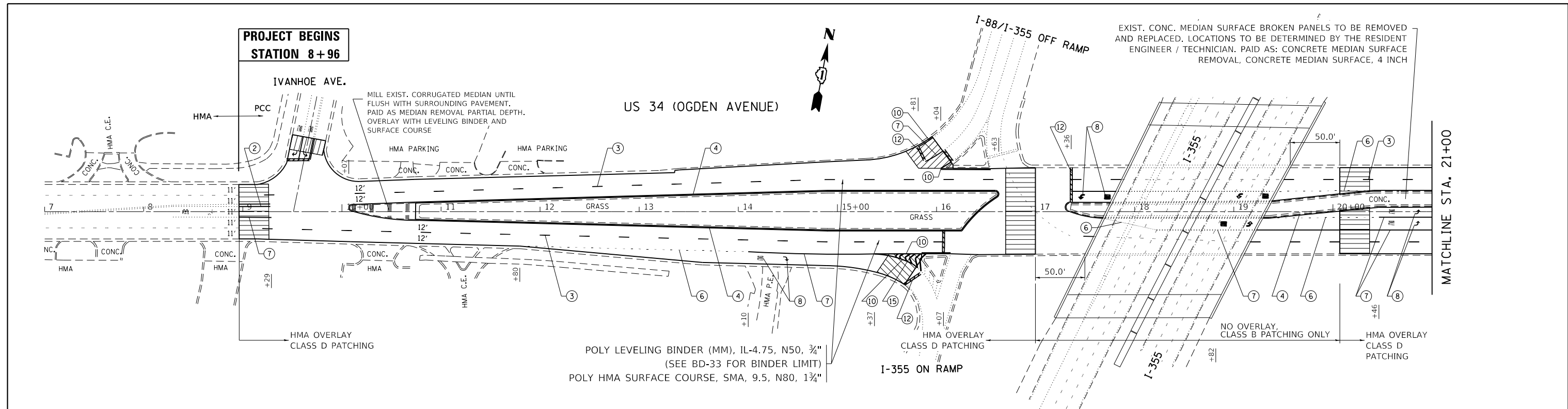
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

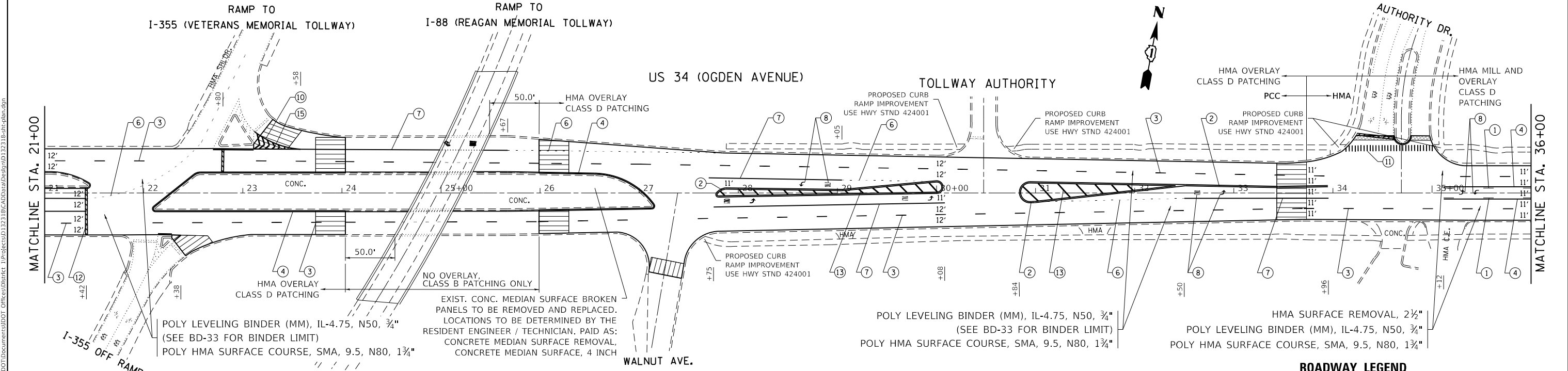
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	15
			CONTRACT NO. 62G62	
		ILLINOIS	FED. AID PROJECT	



EXIST. CONC. MEDIAN SURFACE BROKEN PANELS TO BE REMOVED AND REPLACED. LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER / TECHNICIAN. PAID AS: CONCRETE MEDIAN SURFACE REMOVAL, CONCRETE MEDIAN SURFACE, 4 INCH

LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
- ② * LINE 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
- ③ * LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
- ④ * LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
- ⑤ * LINE 4", SOLID, WHITE - EDGE LINE (TYP)
- ⑥ * LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
- ⑦ * LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑧ * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)
- ⑨ * LINE 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP)
- ⑩ * LINE 8", SOLID, WHITE - GORE MARKING AND CHANNELIZING LINES (TYP)
- ⑪ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP). (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑫ * LINE 24", SOLID, WHITE - STOP LINES (TYP)
- ⑬ * LINE 12", SOLID, YELLOW - PAINTED MEDIANS DIAGONALS (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑭ * LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) @ 45° (TYP) - SHOULDER DIAGONALS @ 45° (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑮ * LINE 12", WHITE - GORE MARKING AND CHANNELIZATION LINES 45°, (TYP) (SEE TC-13 FOR DETAILS)
- * = THERMOPLASTIC PAVEMENT MARKING - []
- [] = USE MODIFIED URETHANE PAVEMENT MARKING FOR THE "BARE PCC" AREAS UNDER THE BRIDGES.



NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
- 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
- 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

ROADWAY LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT

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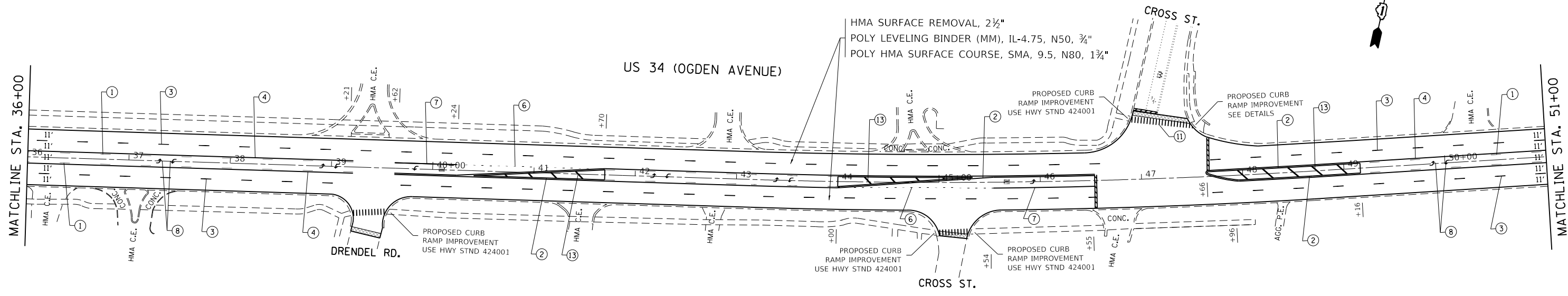
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/11/2018	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
ROADWAY AND PAVEMENT MARKING PLAN**

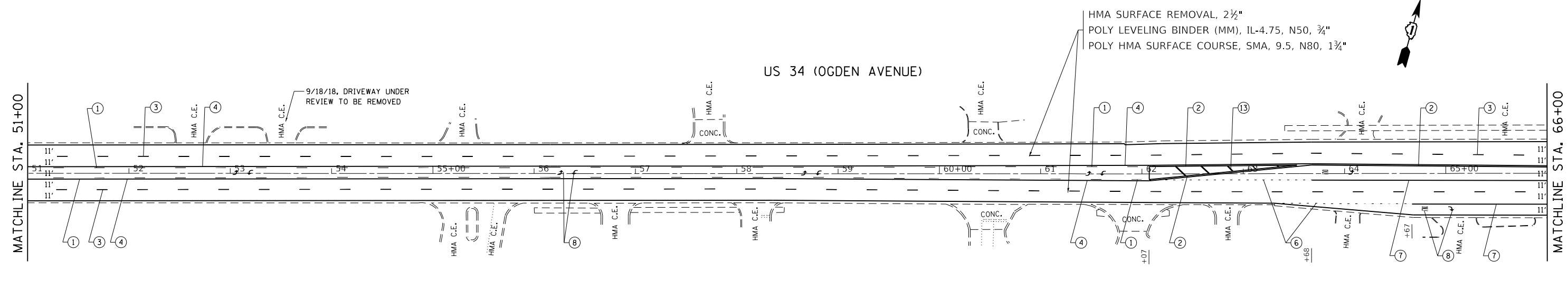
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-R5-SW	DuPAGE	108	16
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				



LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
 - ② * LINE 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
 - ③ * LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
 - ④ * LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
 - ⑤ * LINE 4", SOLID, WHITE - EDGE LINE (TYP)
 - ⑥ * LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
 - ⑦ * LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑧ * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑨ * LINE 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP)
 - ⑩ * LINE 8", SOLID, WHITE - GORE MARKING AND CHANNELIZING LINES (TYP)
 - ⑪ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑫ * LINE 24", SOLID, WHITE - STOP LINES (TYP)
 - ⑬ * LINE 12", SOLID, YELLOW - PAINTED MEDIANS DIAGONALS (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑭ * LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) @ 45° (TYP) - SHOULDER DIAGONALS @ 45° (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑮ * LINE 12", WHITE - GORE MARKING AND CHANNELIZATION LINES 45°, (TYP) (SEE TC-13 FOR DETAILS)
- * = THERMOPLASTIC PAVEMENT MARKING -



NOTES:

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ROADWAY LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

MODEL: Default FILE: h:\mhc\pav\illinois\gov\pww\DOT\Documents\1\DOT\Office\1\132318\CADD\132318\OGDEN\132318-ah-p1an.dgn

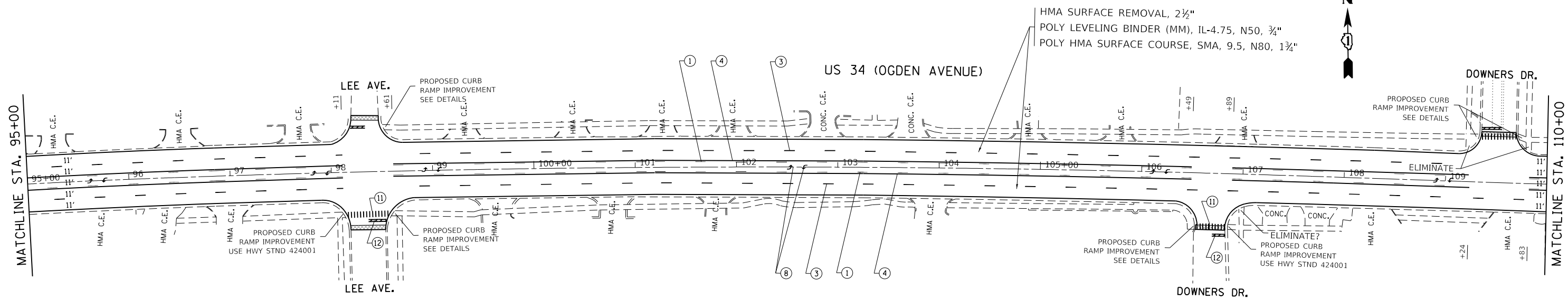
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
ROADWAY AND PAVEMENT MARKING PLAN**

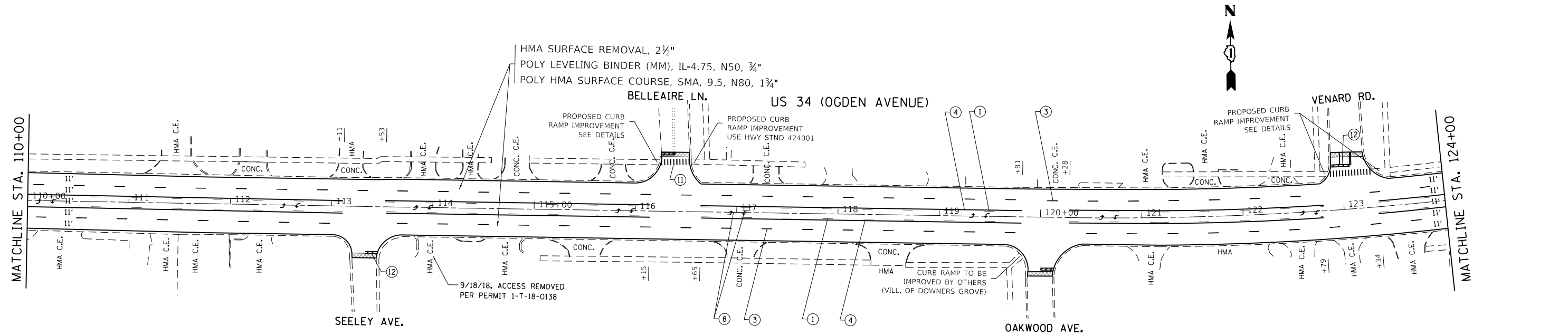
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-R5-SW	DuPAGE	108	17
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				



LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
 - ② * LINE 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
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 - ④ * LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
 - ⑤ * LINE 4", SOLID, WHITE - EDGE LINE (TYP)
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 - ⑦ * LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑧ * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑨ * LINE 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP)
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 - ⑪ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑫ * LINE 24", SOLID, WHITE - STOP LINES (TYP)
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ROADWAY LEGEND

☒ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

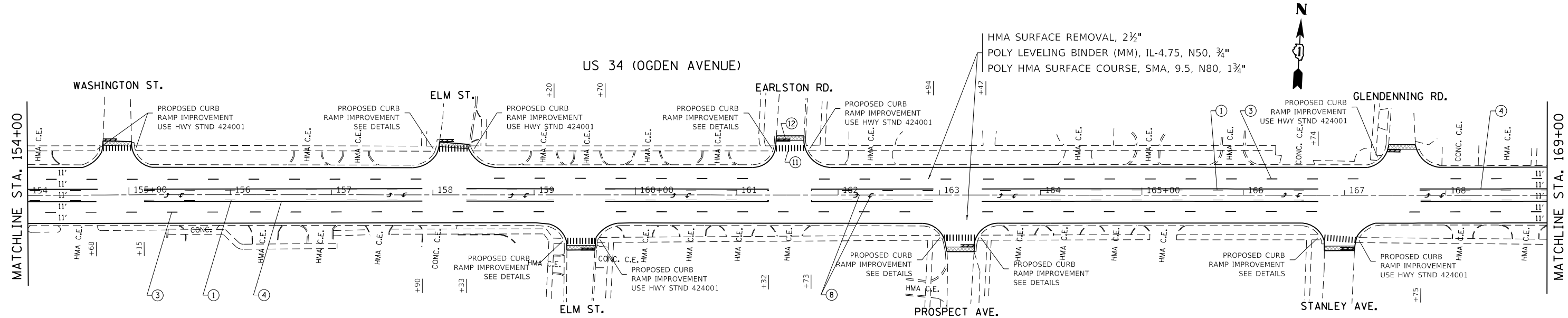
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	DRAWN -	REVISED -
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PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

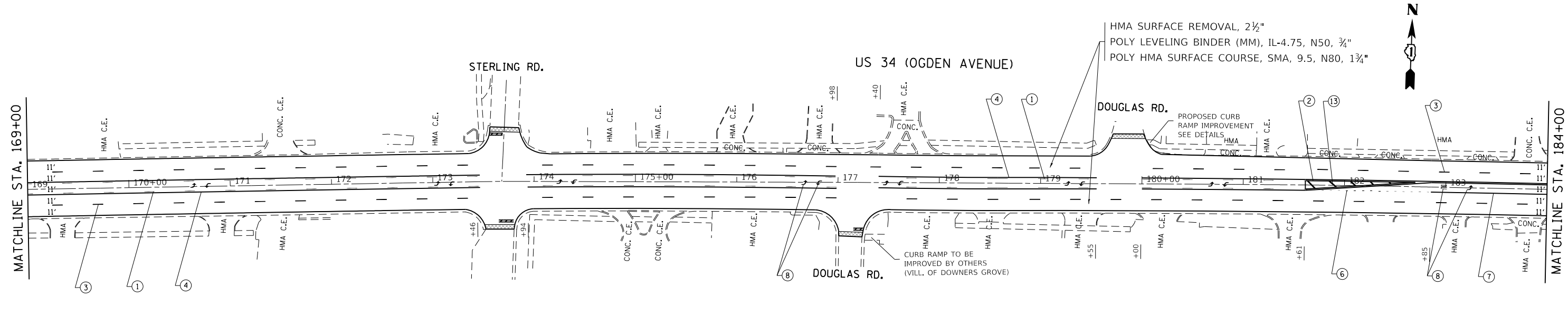
US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY) ROADWAY AND PAVEMENT MARKING PLAN			
SCALE: 1"=50'	SHEET	OF	SHEETS
STA. 95+00	TO	STA. 124+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-R5-SW	DuPAGE	108	19
				CONTRACT NO. 62G62
		ILLINOIS	FED. AID PROJECT	



LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
 - ② * LINE 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
 - ③ * LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
 - ④ * LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
 - ⑤ * LINE 4", SOLID, WHITE - EDGE LINE (TYP)
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ROADWAY LEGEND

☒ HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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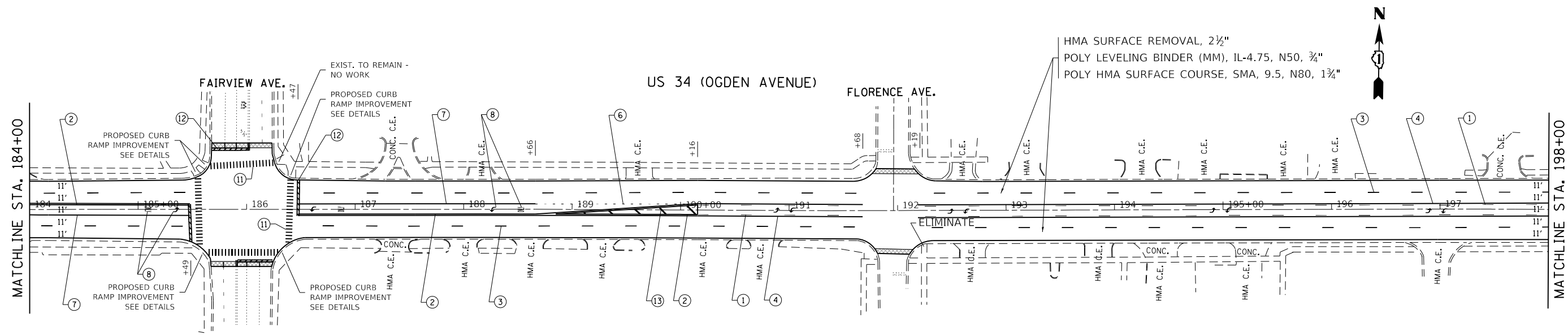
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PLOT DATE = 12/11/2018	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
ROADWAY AND PAVEMENT MARKING PLAN**

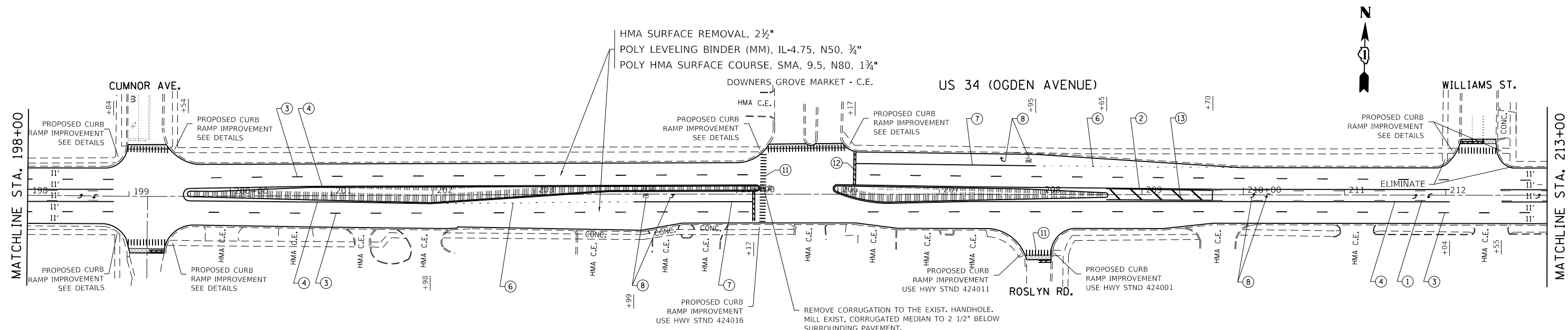
SCALE: 1"=50' SHEET OF SHEETS STA. 154+00 TO STA. 184+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-R5-SW	DuPAGE	108	21
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				



LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
 - ② * LINE 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
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ROADWAY LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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 USER: velichkovv

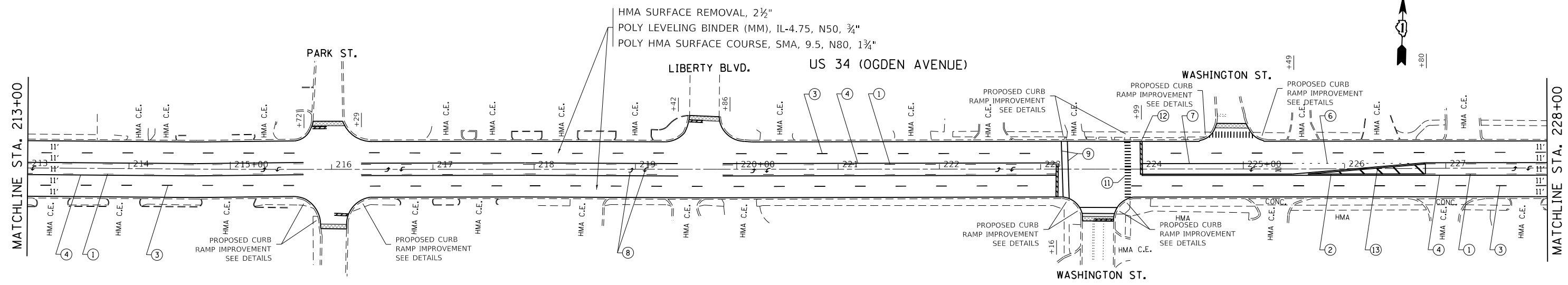
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	DRAWN -	REVISED -	
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PLOT DATE = 12/11/2018	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
ROADWAY AND PAVEMENT MARKING PLAN**

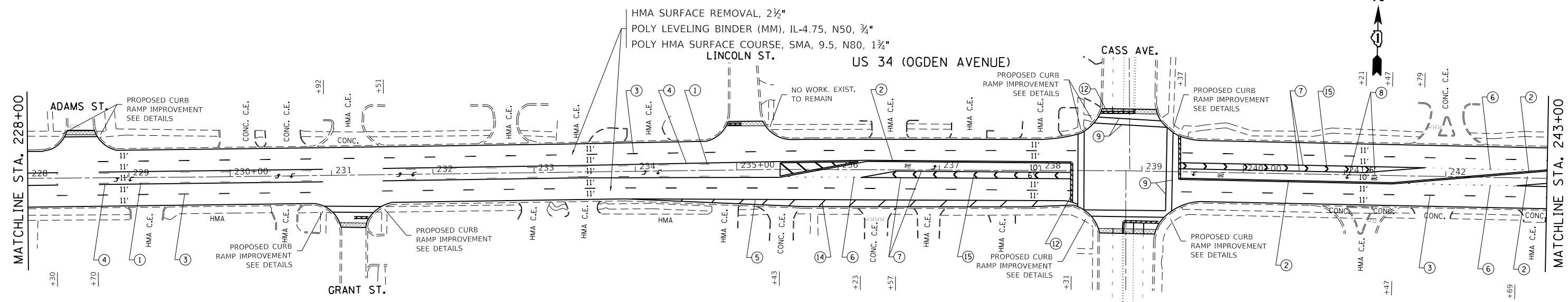
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-R5-SW	DuPAGE	108	22
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				



LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
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- * = THERMOPLASTIC PAVEMENT MARKING -



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ROADWAY LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

MODEL: Default
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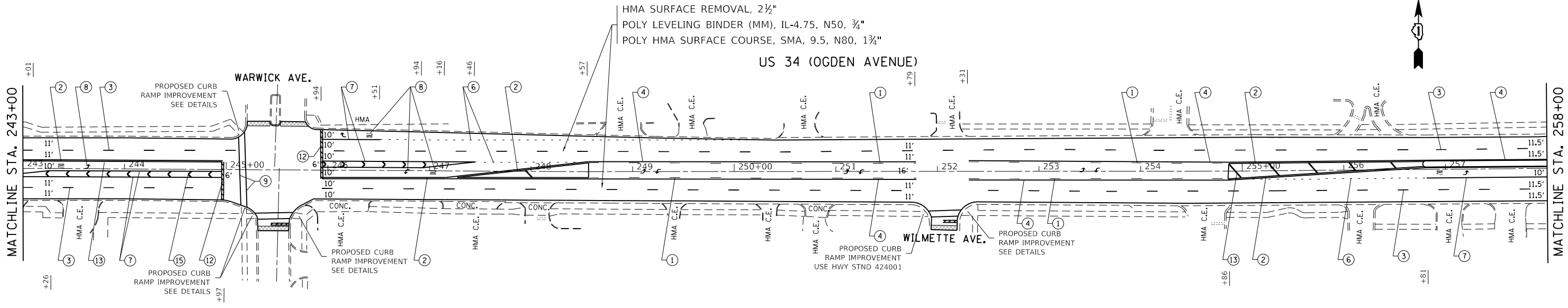
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PLOT DATE = 12/11/2018	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
ROADWAY AND PAVEMENT MARKING PLAN**

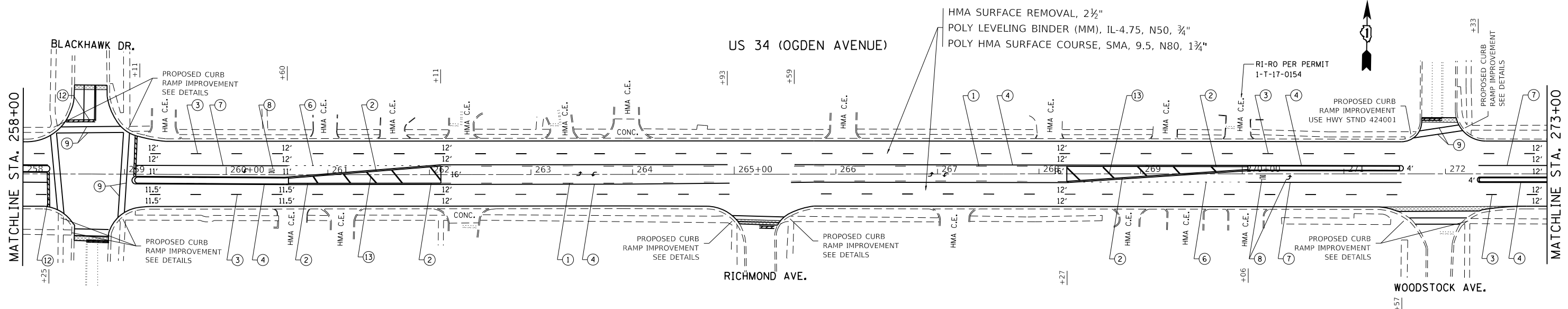
SCALE: 1"=50' SHEET OF SHEETS STA. 213+00 TO STA. 243+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-R5-SW	DuPAGE	108	23
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				



LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
 - ② * LINE 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
 - ③ * LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
 - ④ * LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
 - ⑤ * LINE 4", SOLID, WHITE - EDGE LINE (TYP)
 - ⑥ * LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
 - ⑦ * LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑧ * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑨ * LINE 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP)
 - ⑩ * LINE 8", SOLID, WHITE - GORE MARKING AND CHANNELIZING LINES (TYP)
 - ⑪ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑫ * LINE 24", SOLID, WHITE - STOP LINES (TYP)
 - ⑬ * LINE 12", SOLID, YELLOW - PAINTED MEDIANS DIAGONALS (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑭ * LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) @ 45° (TYP) - SHOULDER DIAGONALS @ 45° (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑮ * LINE 12", WHITE - GORE MARKING AND CHANNELIZATION LINES 45°, (TYP) (SEE TC-13 FOR DETAILS)
- * = THERMOPLASTIC PAVEMENT MARKING -



NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
- 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
- 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

ROADWAY LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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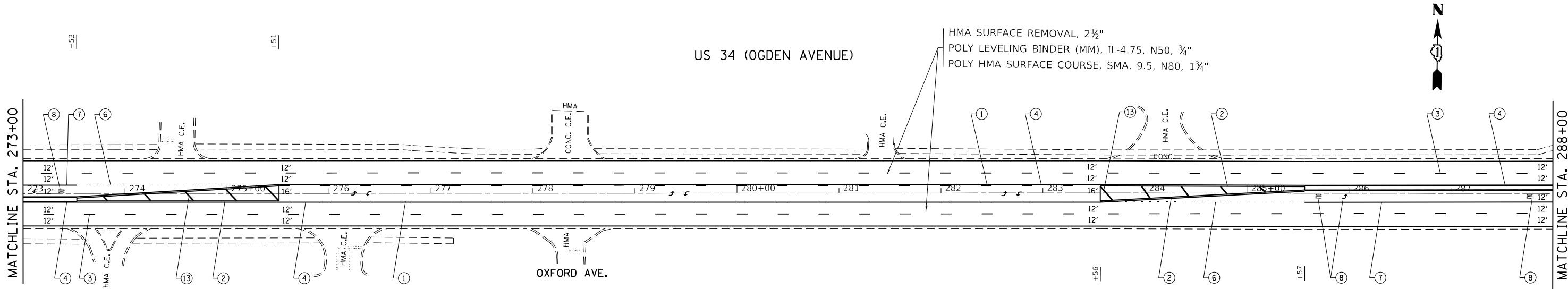
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
ROADWAY AND PAVEMENT MARKING PLAN**

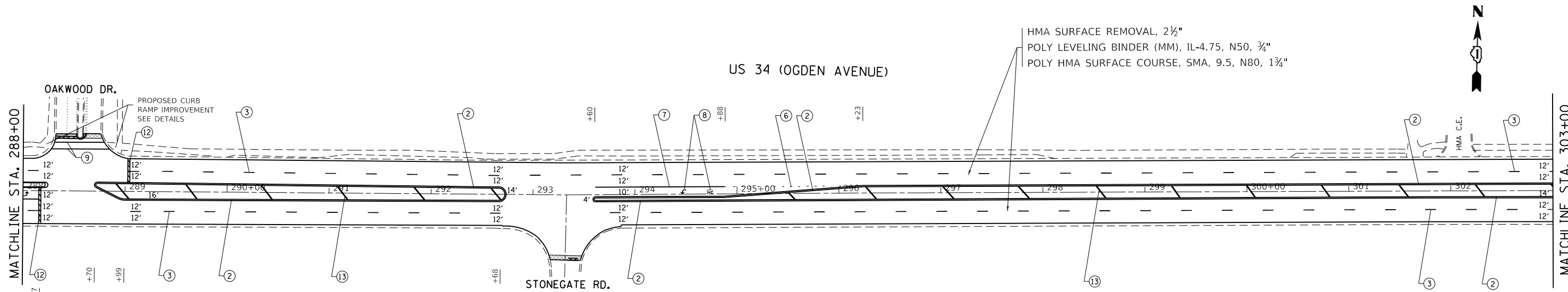
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-R5-SW	DuPAGE	108	24
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				



LEGEND: PROPOSED PAVEMENT STRIPING

- ① * LINE 4", SKIP-DASH, YELLOW (10' LINE - 30' SPACE) - CENTERLINE (TYP)
 - ② * LINE 2 @ 4", SOLID, YELLOW, 11" C-C - CENTERLINE (TYP)
 - ③ * LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
 - ④ * LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
 - ⑤ * LINE 4", SOLID, WHITE - EDGE LINE (TYP)
 - ⑥ * LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
 - ⑦ * LINE 6", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑧ * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)
 - ⑨ * LINE 2 @ 6", SOLID, WHITE - CROSSWALK LINES (PEDESTRIAN) (TYP)
 - ⑩ * LINE 8", SOLID, WHITE - GORE MARKING AND CHANNELIZING LINES (TYP)
 - ⑪ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑫ * LINE 24", SOLID, WHITE - STOP LINES (TYP)
 - ⑬ * LINE 12", SOLID, YELLOW - PAINTED MEDIANS DIAGONALS (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑭ * LINE 12", SOLID, WHITE - DIAGONALS (BIKE & EQUESTRIAN) @ 45° (TYP) - SHOULDER DIAGONALS @ 45° (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
 - ⑮ * LINE 12", WHITE - GORE MARKING AND CHANNELIZATION LINES 45°, (TYP) (SEE TC-13 FOR DETAILS)
- * = THERMOPLASTIC PAVEMENT MARKING -



NOTES:

- 1) LIMIT OF RESURFACING ON THE SIDE- STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER / TECHNICIAN.
- 2) ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE).
- 3) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- 4) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.

ROADWAY LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

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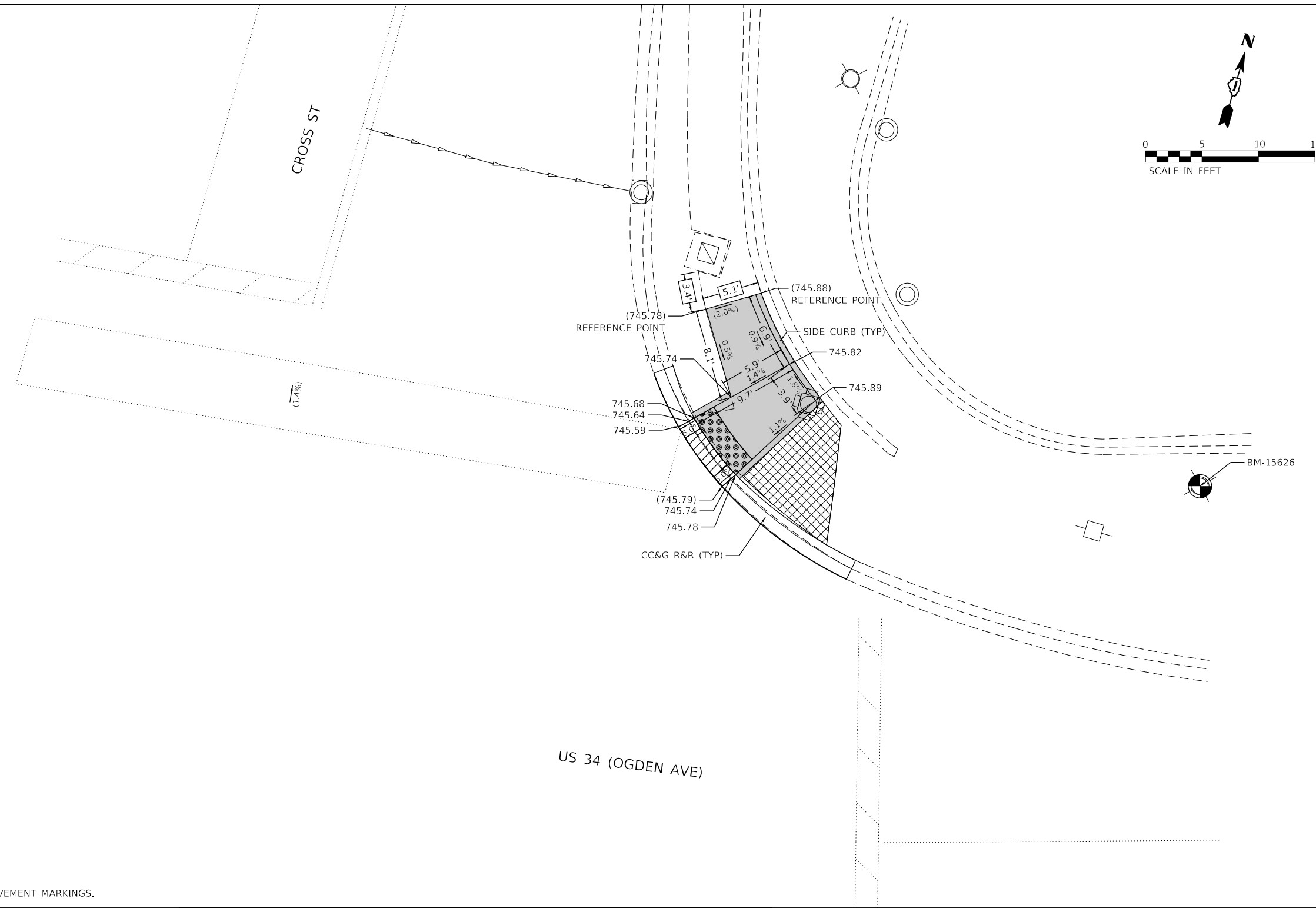
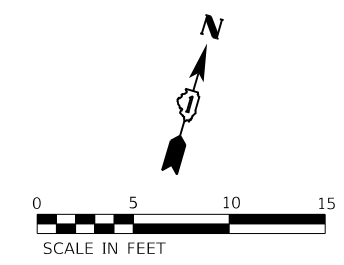
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PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 34 (IVANHOE AVE TO E. OF ILL 83 (KINGERY HWY)
ROADWAY AND PAVEMENT MARKING PLAN**

SCALE: 1"=50' SHEET OF SHEETS STA. 273+00 TO STA. 303+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-0128-RS-SW	DuPAGE	108	25
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND	
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28
 BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CROSS ST

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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

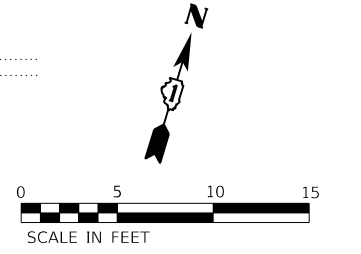
**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT CROSS ST**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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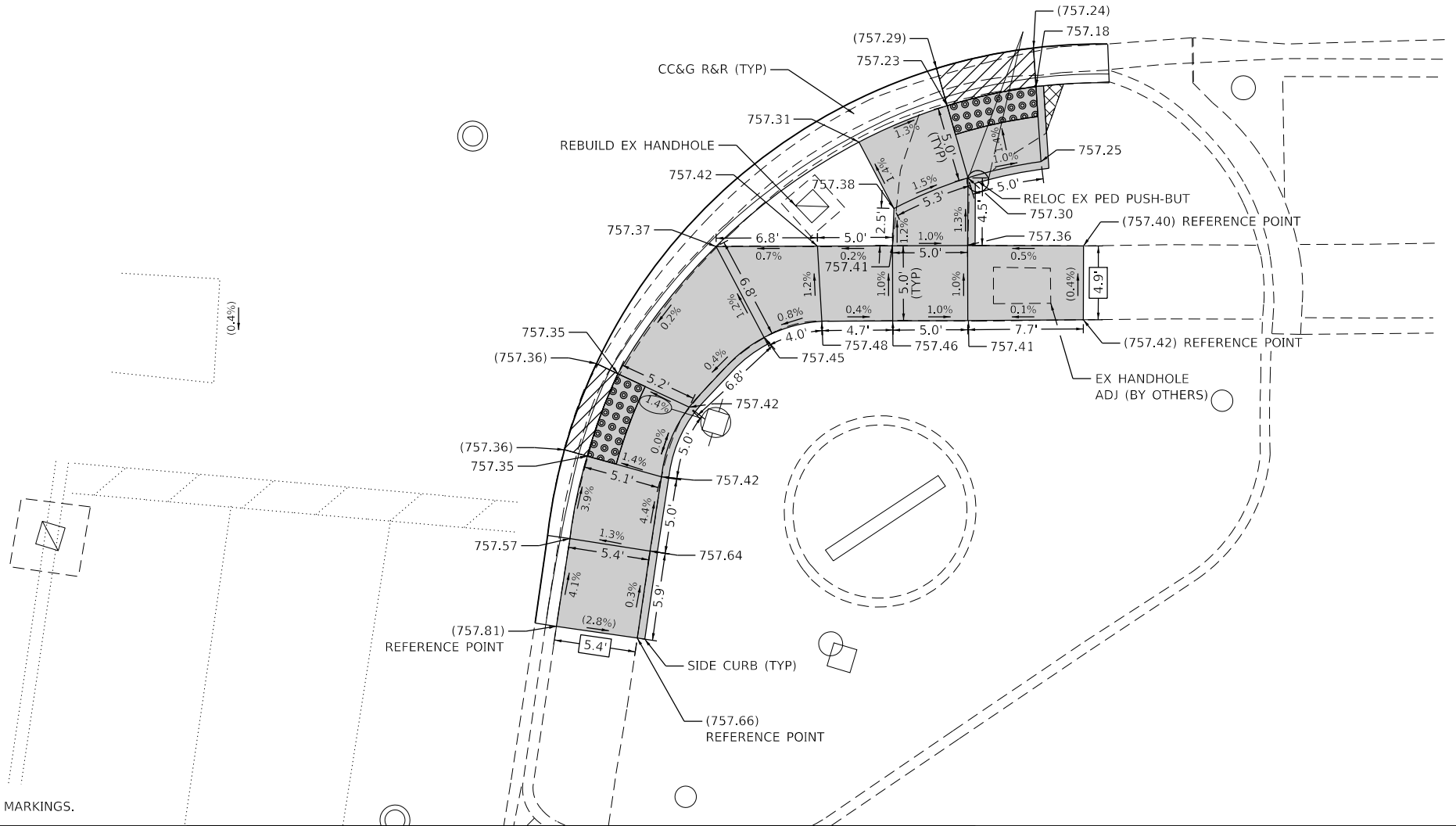
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

US 34 (OGDEN AVE)

(2.0%)



BELMONT RD



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
 LOCATION: NW COR US 34 (OGDEN AVE) AND CROSS ST

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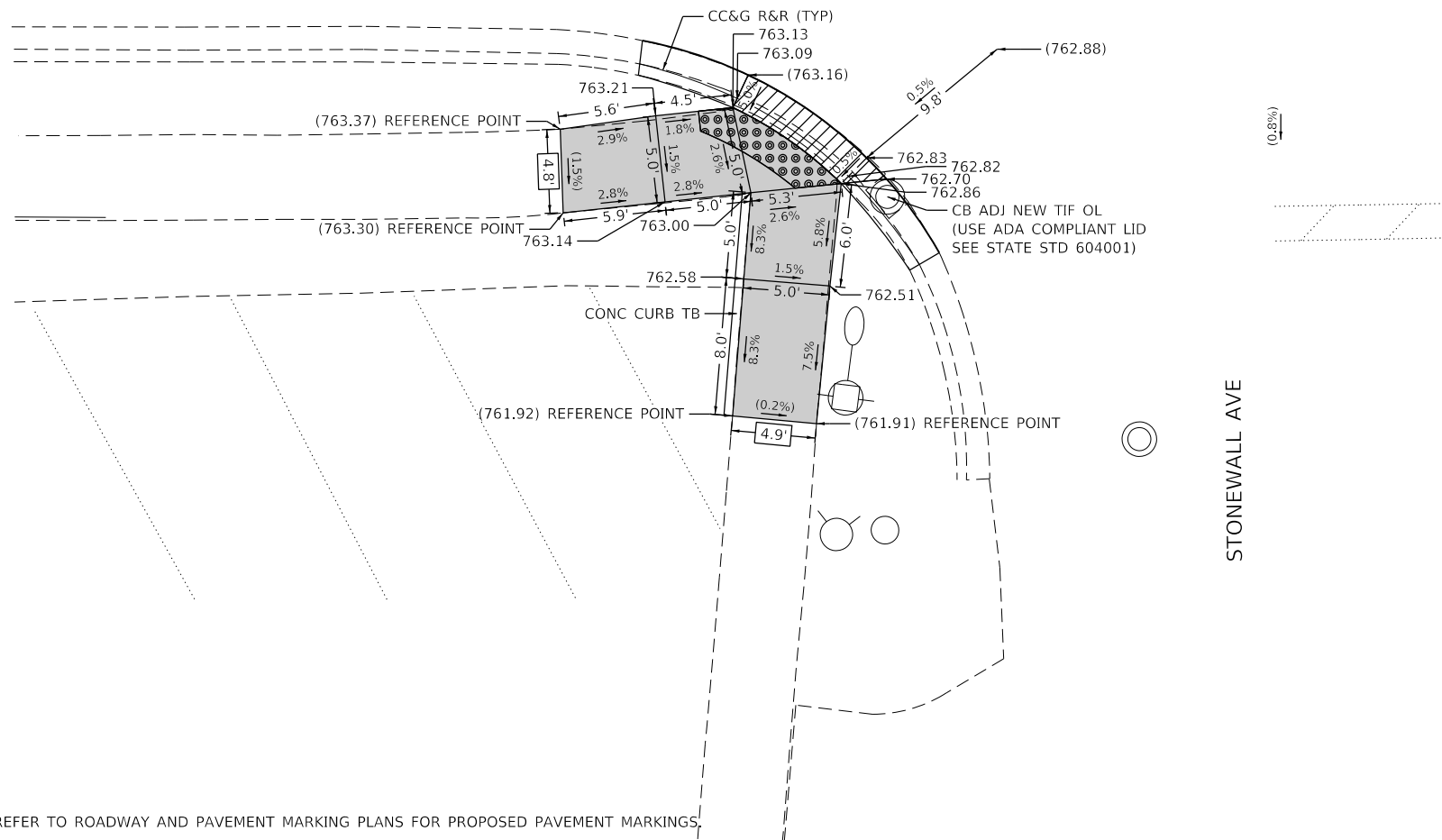
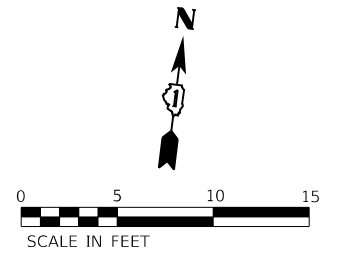
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS	
US 34 (OGDEN AVE) AT BELMONT RD	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	28
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CROSS ST

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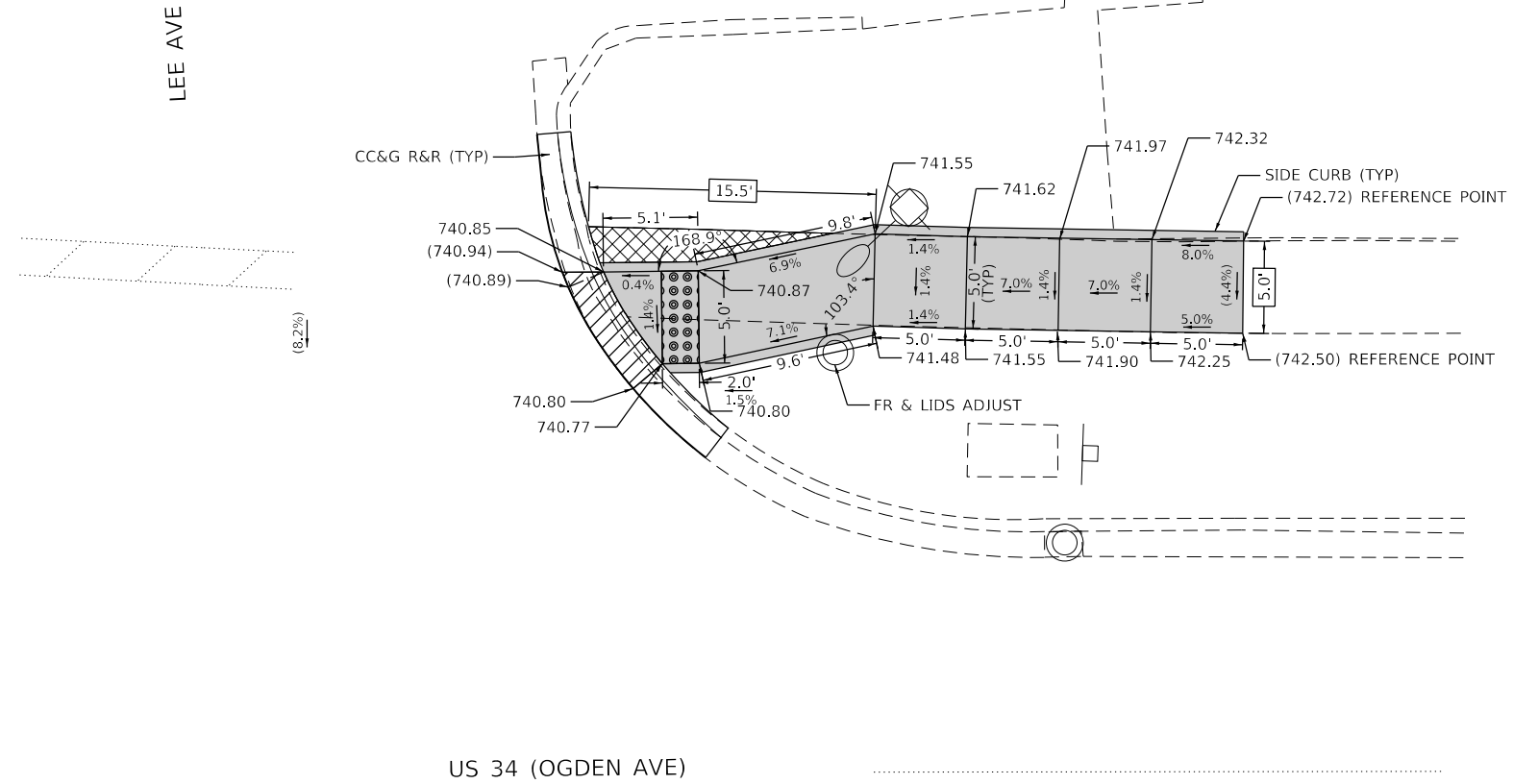
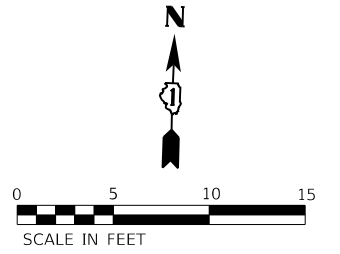
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PLOT SCALE = 10.0000' / in.	DATE - 12/5/2018	REVISED -
PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT STONEWALL AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	29
CONTRACT NO. 62G62				
ILLINOIS		FED. AID PROJECT		



US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CROSS ST

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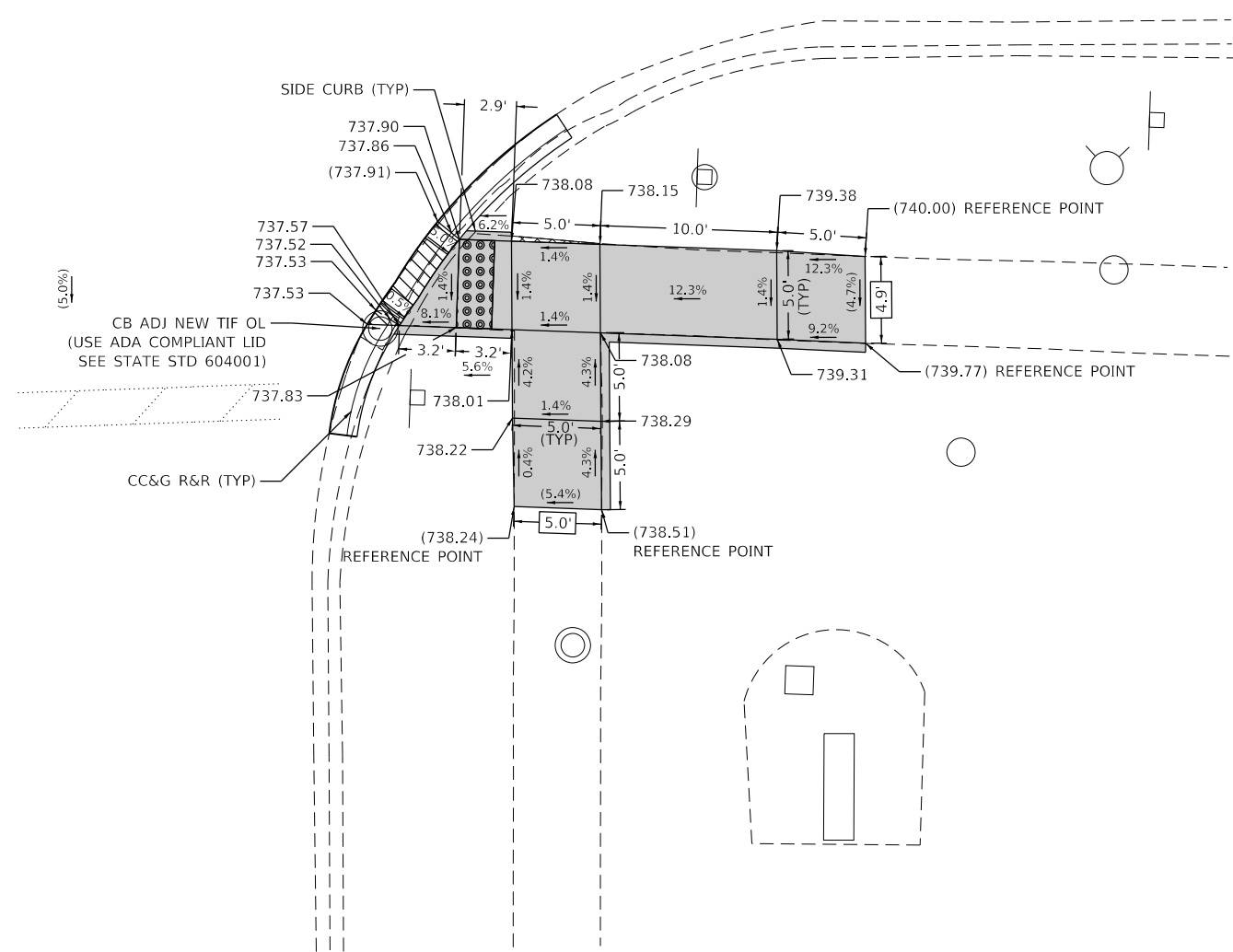
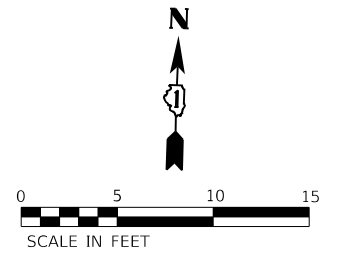
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT LEE AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	30
ILLINOIS			FED. AID PROJECT	

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CROSS ST

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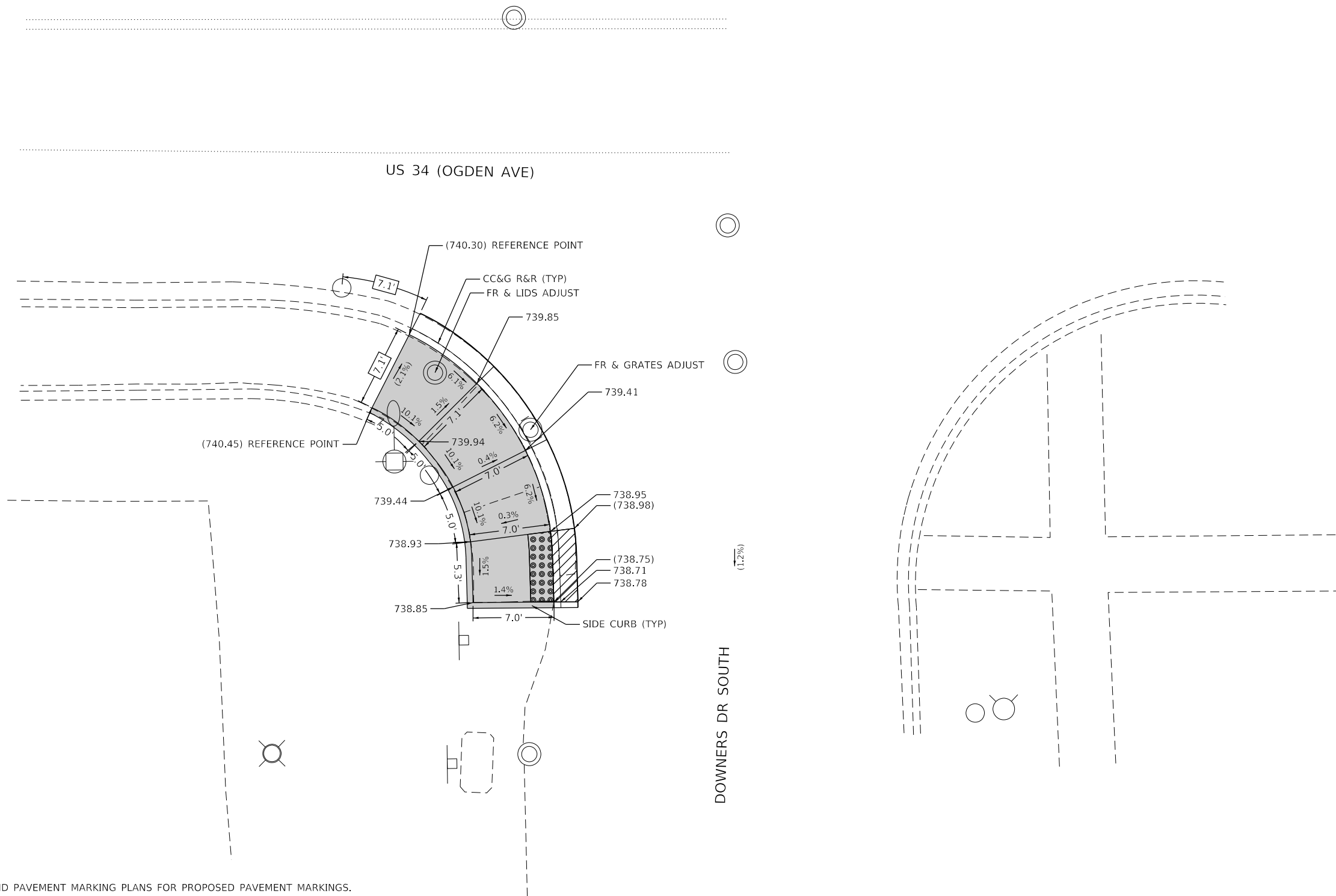
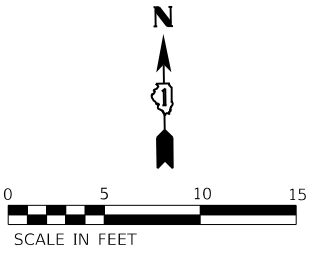
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PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT LEE AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	31
CONTRACT NO. 62G62				
ILLINOIS		FED. AID PROJECT		



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND	
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28 (NOT SHOWN)
BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
LOCATION: NE COR US 34 (OGDEN AVE) AND CROSS ST

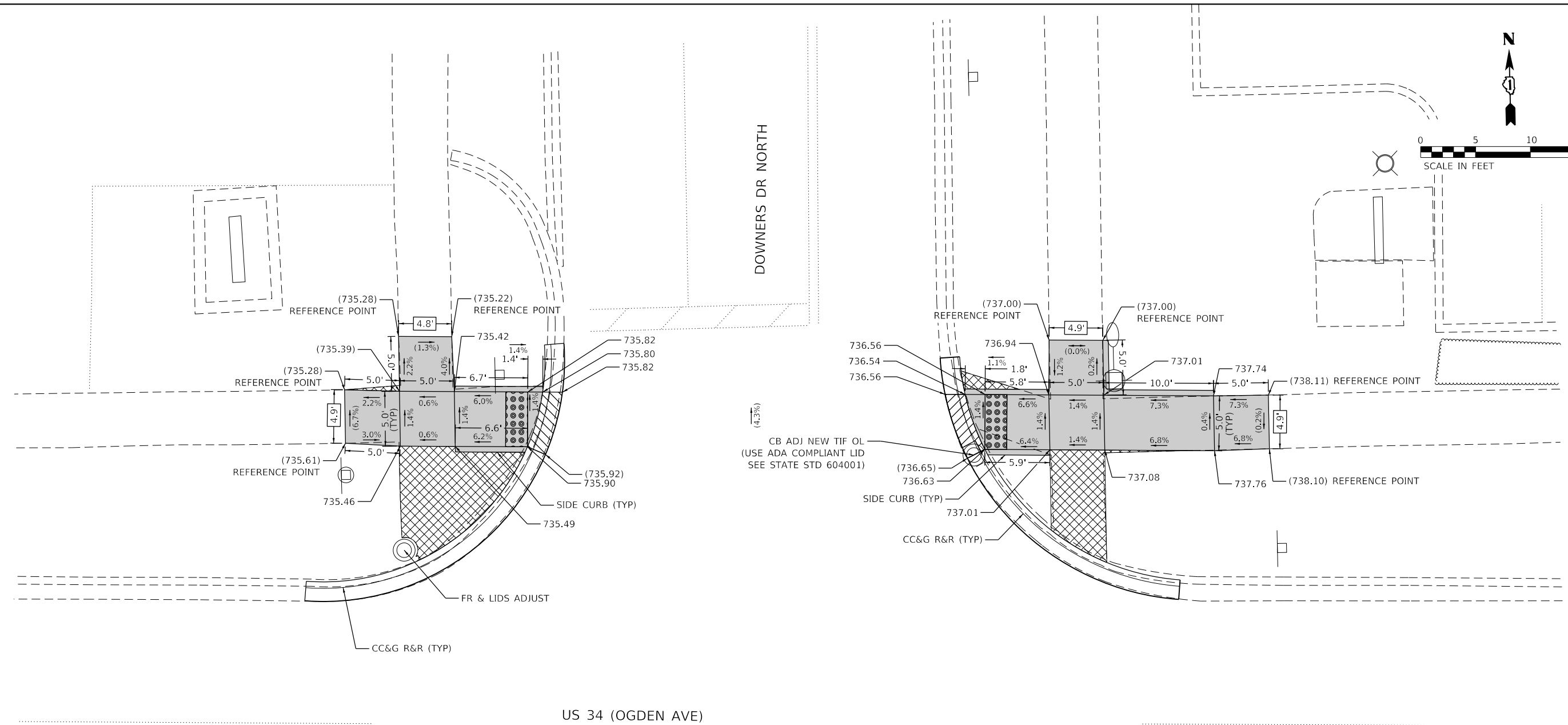
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS				
US 34 (OGDEN AVE) AT DOWNERS DR SOUTH				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	32
			CONTRACT NO. 62G62	
		ILLINOIS	FED. AID PROJECT	



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CROSS ST

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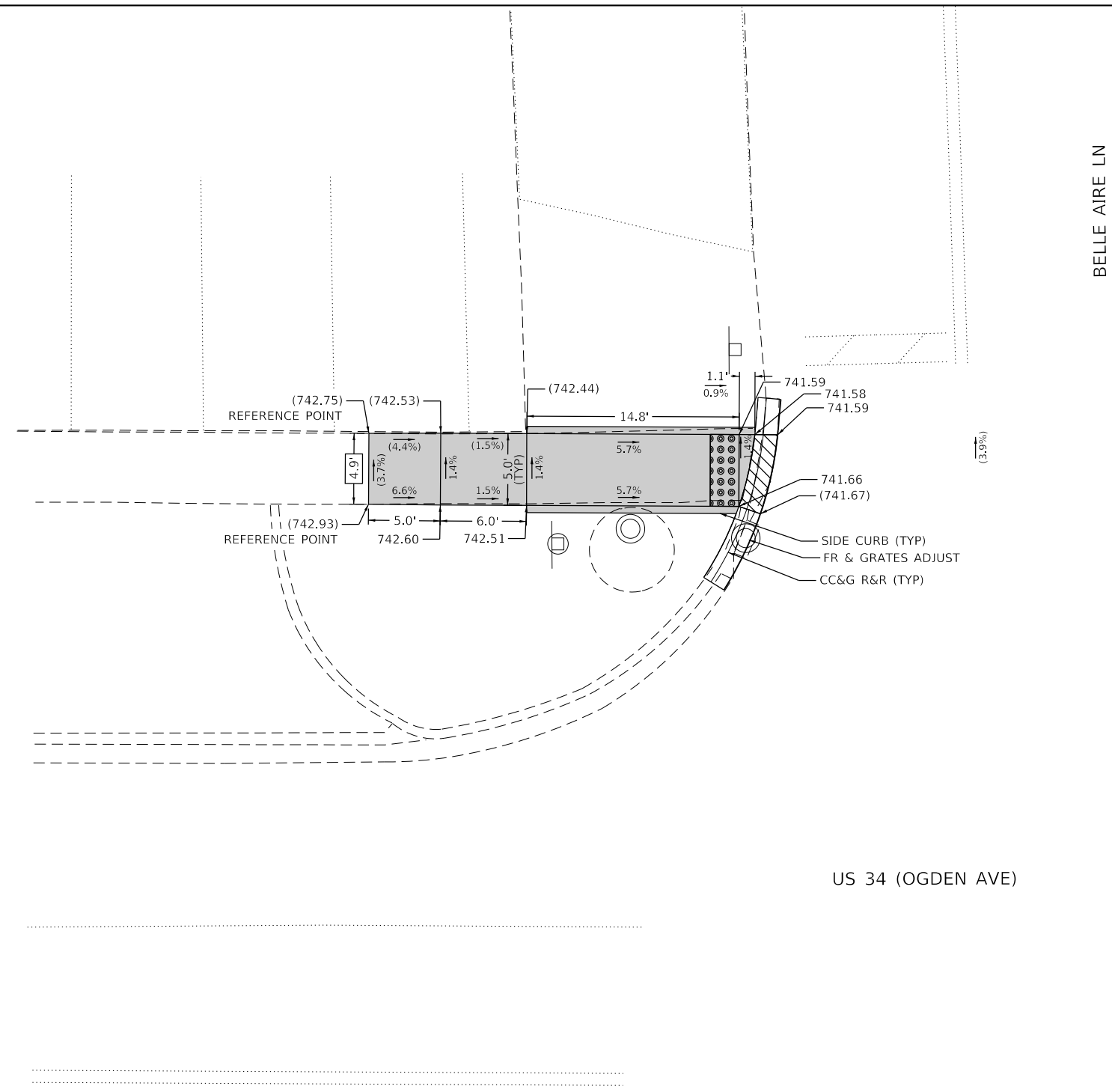
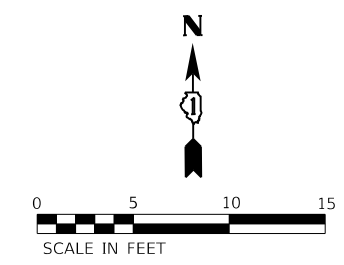
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PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT DOWNERS DR NORTH**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



US 34 (OGDEN AVE)

BELLE AIRE LN

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 15626 EL 752.28 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON S SIDE OF CONC LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CROSS ST

MODEL: D:\dgn\...
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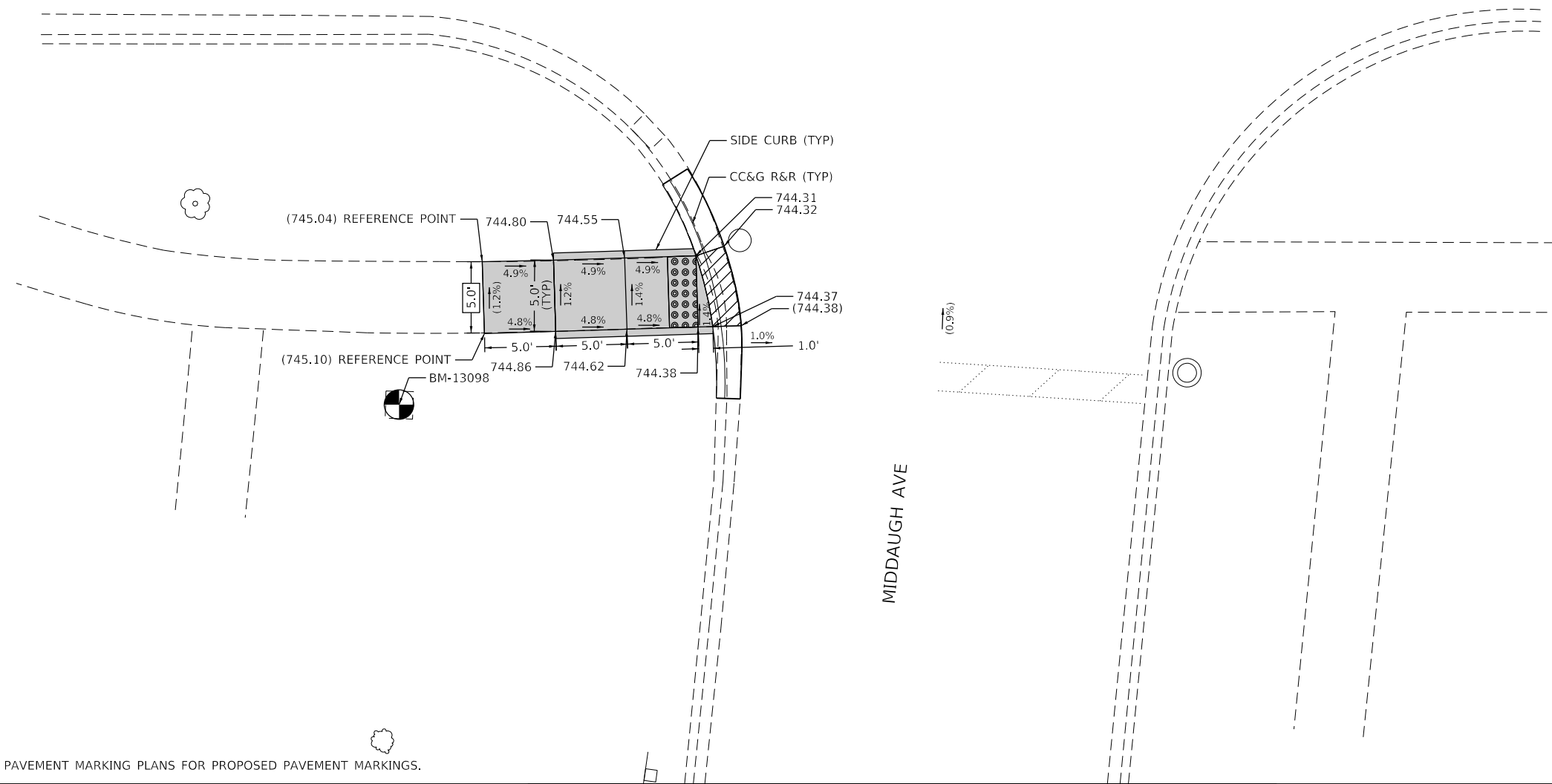
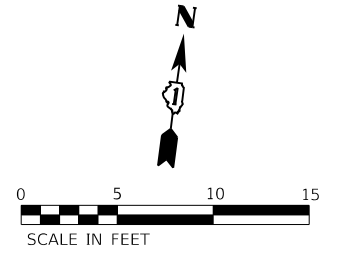
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PLOT SCALE = 10.0000 ' / in.	DATE - 12/5/2018	REVISED -
PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS	
US 34 (OGDEN AVE) AT BELLE AIRE LN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	34
			CONTRACT NO. 62G62	
		ILLINOIS FED. AID PROJECT		

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 13098 EL 745.77
 BENCHMARK: CROSS CUT ON NE COR OF FLAG POLE BASE CONC PAD
 LOCATION: SW COR US 34 (OGDEN AVE) AND MIDDAUGH AVE

LEGEND

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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 PROJECT: ADA RAMP AT SW COR US 34 (OGDEN AVE) AND MIDDAUGH AVE
 SHEET: 36 OF 108

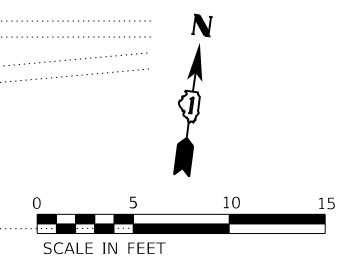
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

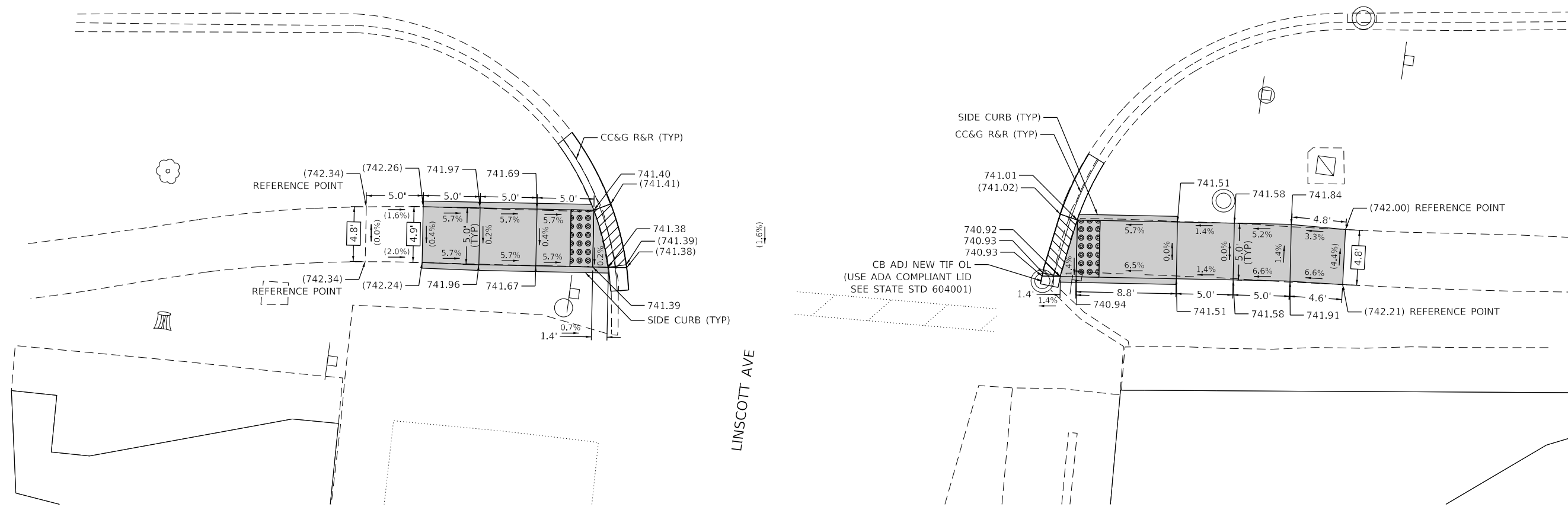
**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT MIDDAUGH AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 13098 EL 745.77 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON NE COR OF FLAG POLE BASE CONC PAD
 LOCATION: SW COR US 34 (OGDEN AVE) AND MIDDAGH AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

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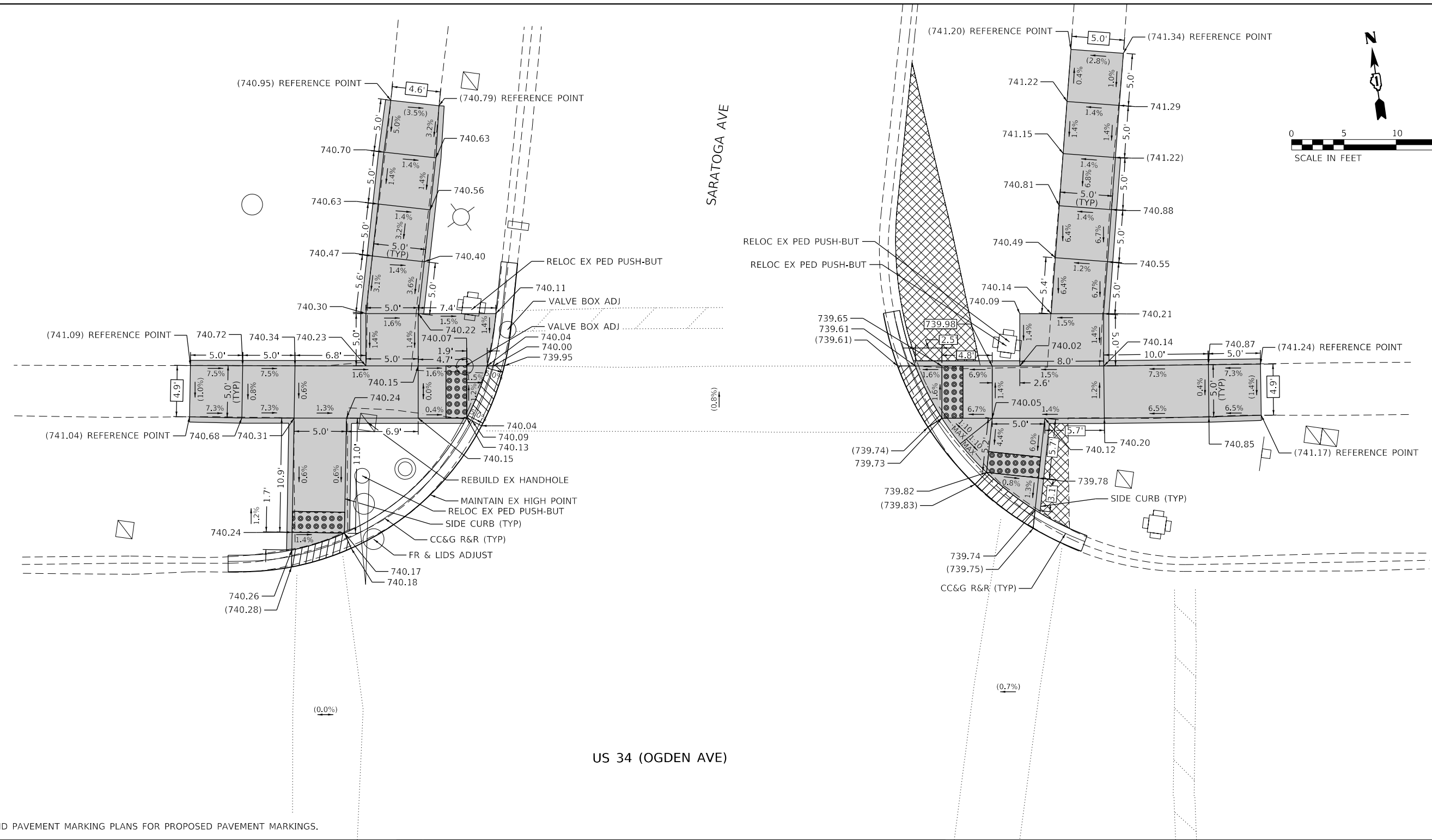
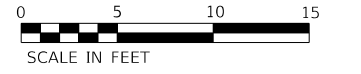
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT LINSYCOTT AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



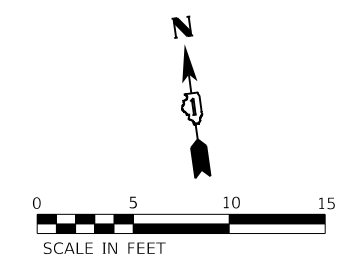
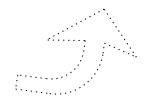
NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 2020 EL 742.06 (NOT SHOWN)
 BENCHMARK: TOP SPINDLE OF FH
 LOCATION: SW COR US 34 (OGDEN AVE) AND SARATOGA AVE

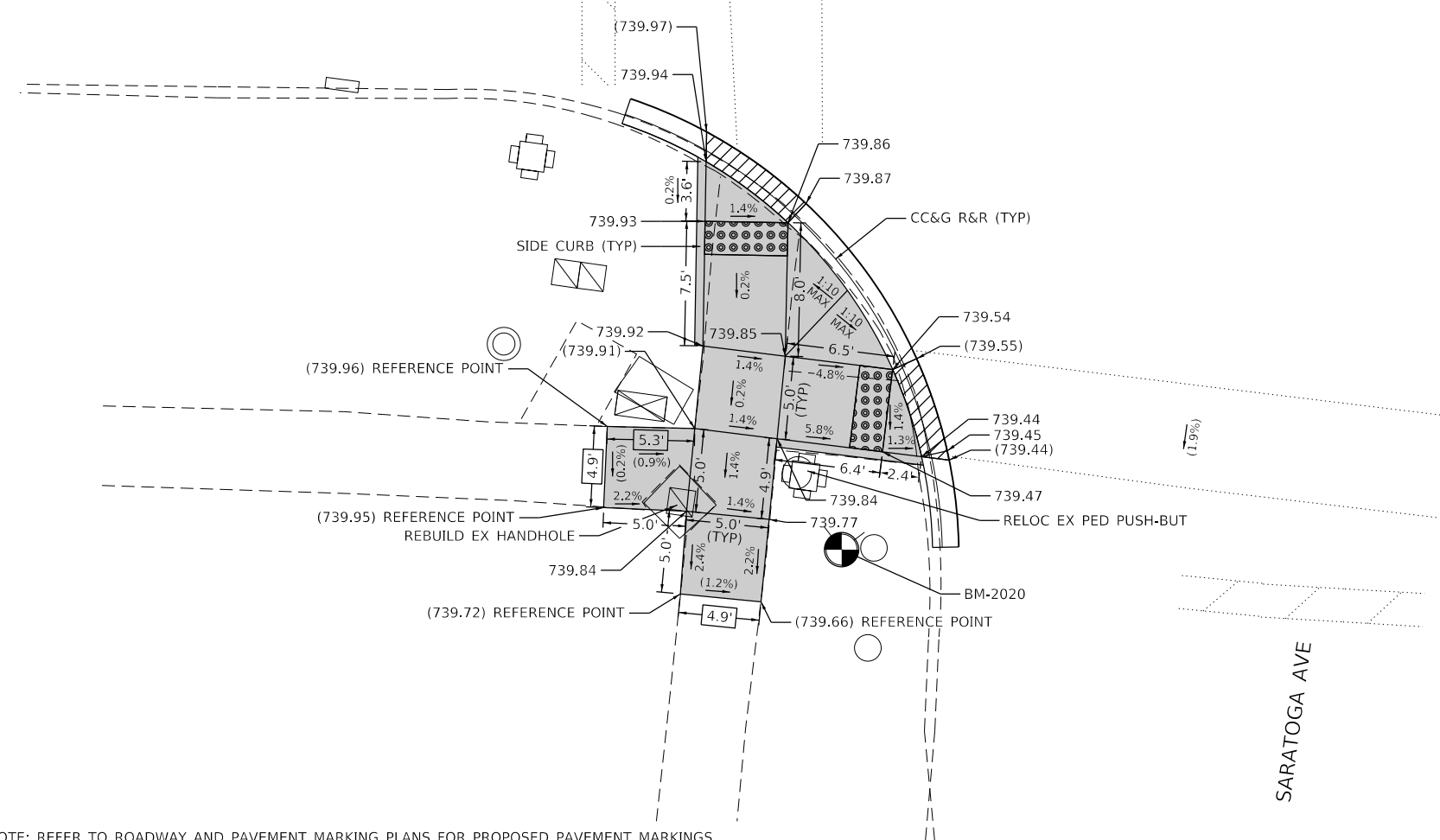
LEGEND	
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Hatch Pattern Box]	DEPRESSED CURB AND GUTTER

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				ADA RAMP DETAILS US 34 (OGDEN AVE) AT SARATOGA AVE				F.A.P. RTE. 311 SECTION 2018-028-R5-SW COUNTY DUPAGE TOTAL SHEETS 108 SHEET NO. 38 CONTRACT NO. 62G62	
SCALE:		SHEET OF SHEETS		STA. TO STA.		ILLINOIS FED. AID PROJECT			



US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 2020 EL 742.06
 BENCHMARK: TOP SPINDLE OF FH
 LOCATION: SW COR US 34 (OGDEN AVE) AND SARATOGA AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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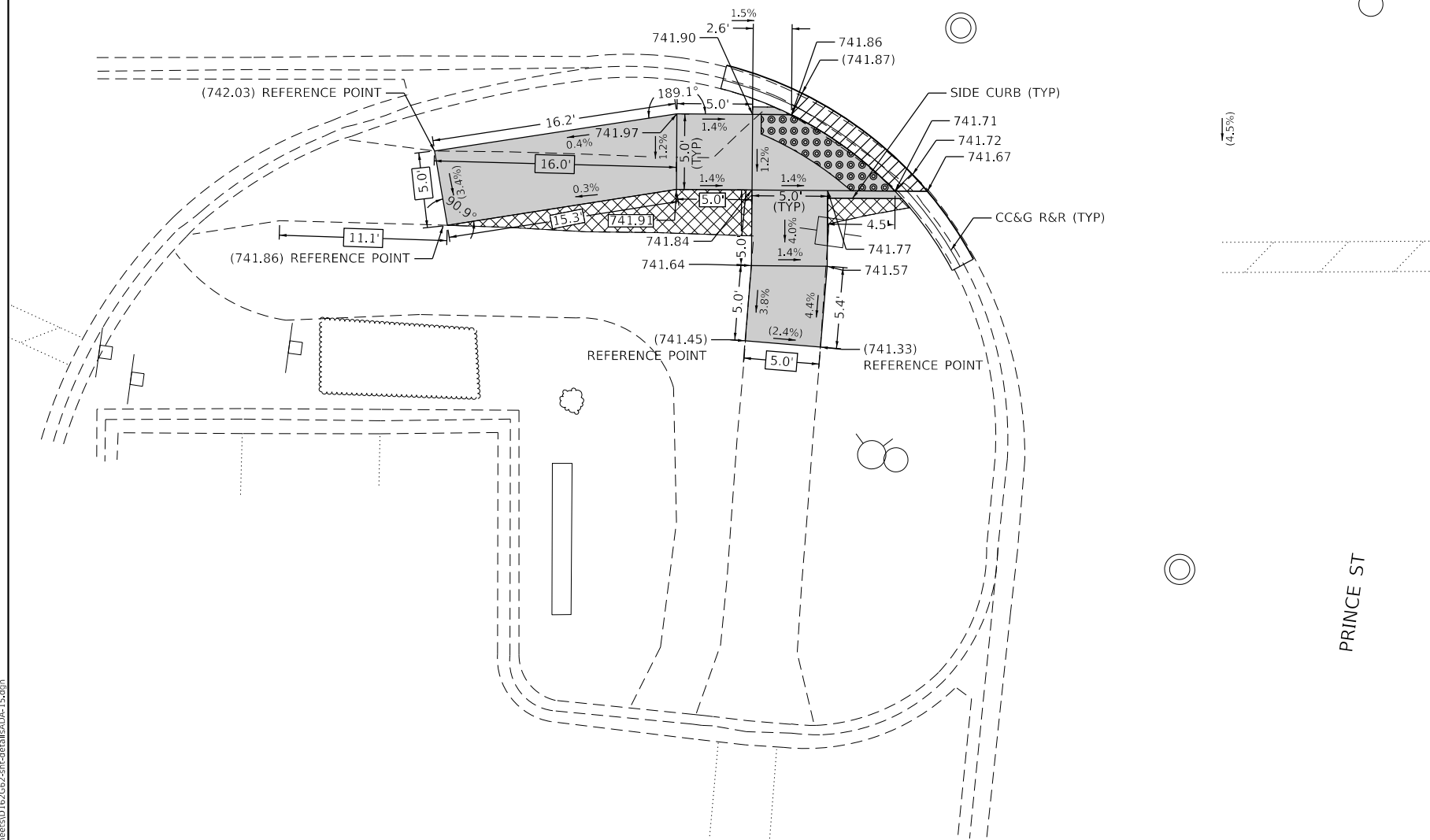
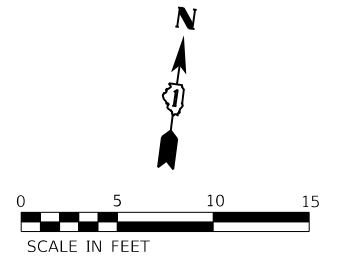
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PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT SARATOGA AVE			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	39
ILLINOIS			FED. AID PROJECT	

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 2020 EL 742.06 (NOT SHOWN)
 BENCHMARK: TOP SPINDLE OF FH
 LOCATION: SW COR US 34 (OGDEN AVE) AND SARATOGA AVE

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

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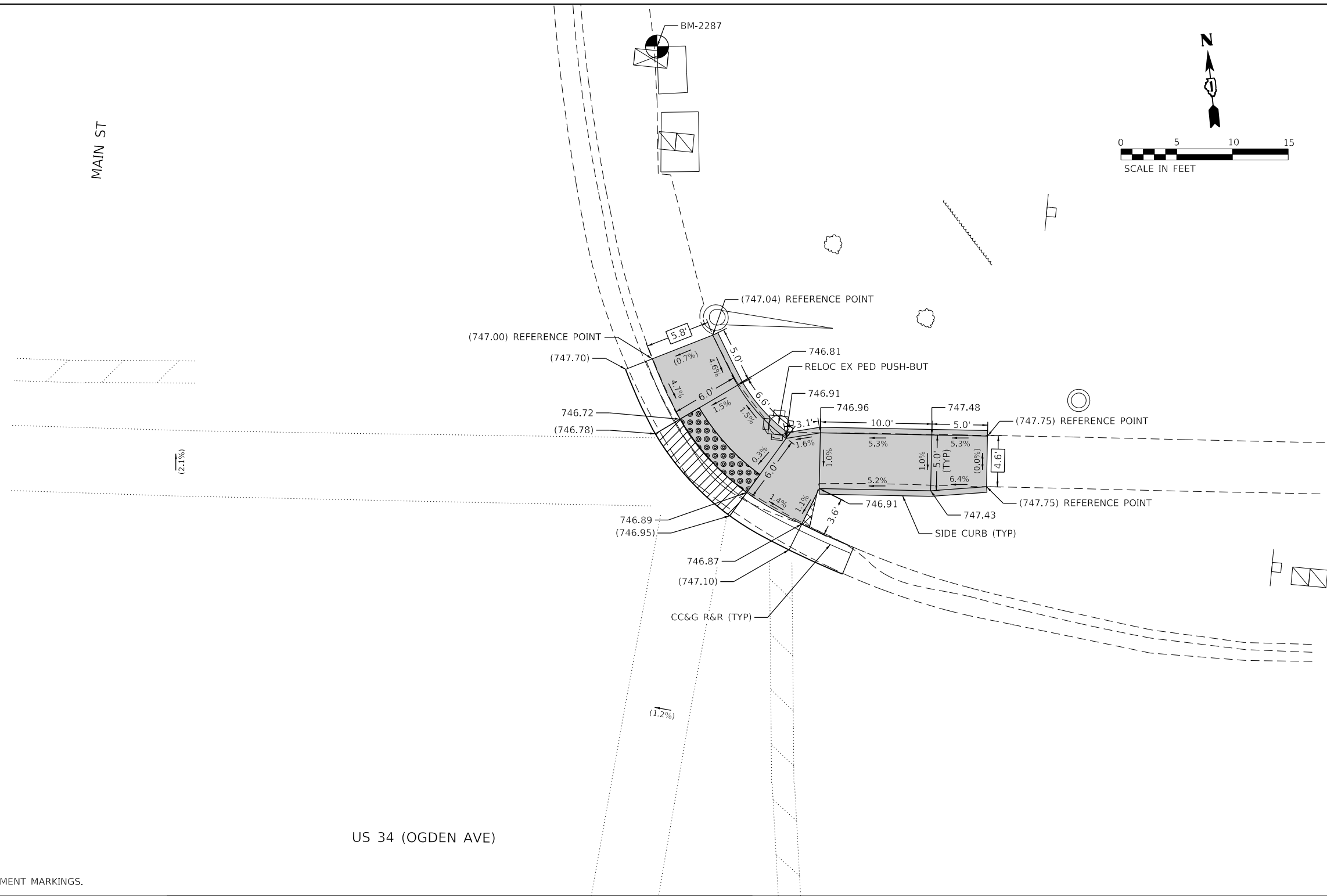
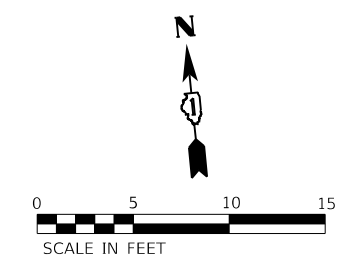
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT PRINCE ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Dotted Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 2287 EL 746.94
 BENCHMARK: CUT SQUARE ON NW COR OF TSCB
 LOCATION: NE COR US 34 (OGDEN AVE) AND MAIN ST

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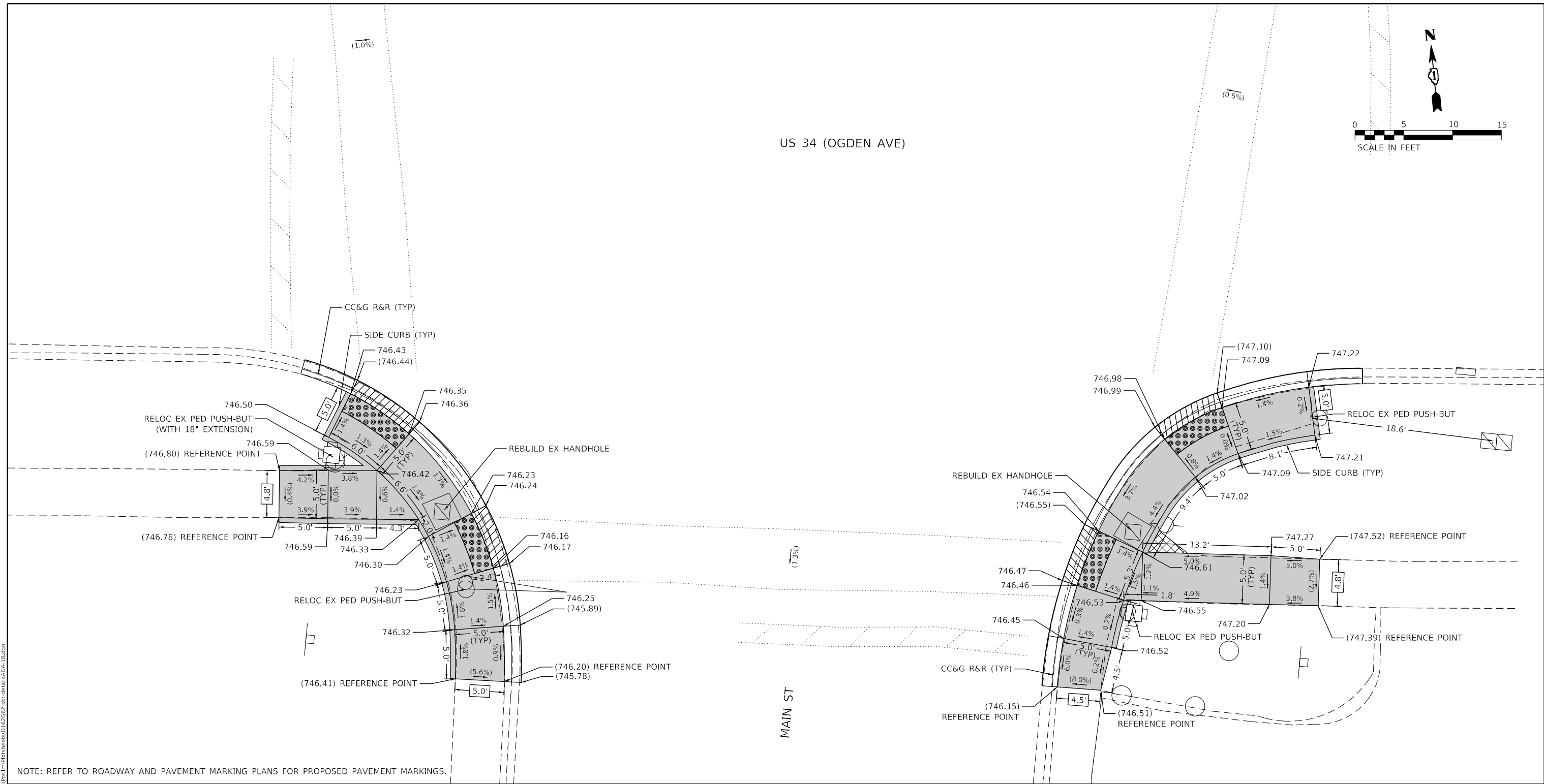
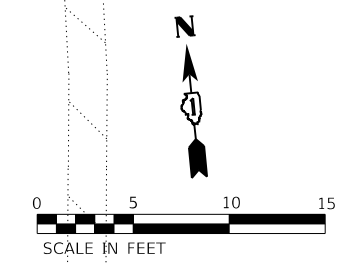
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT MAIN ST**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	41
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 2287 EL 746.94 (NOT SHOWN)
 BENCHMARK: CUT SQUARE ON NW COR OF TSCB
 LOCATION: NE COR US 34 (OGDEN AVE) AND MAIN ST

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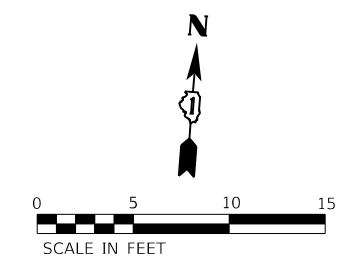
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT MAIN ST**

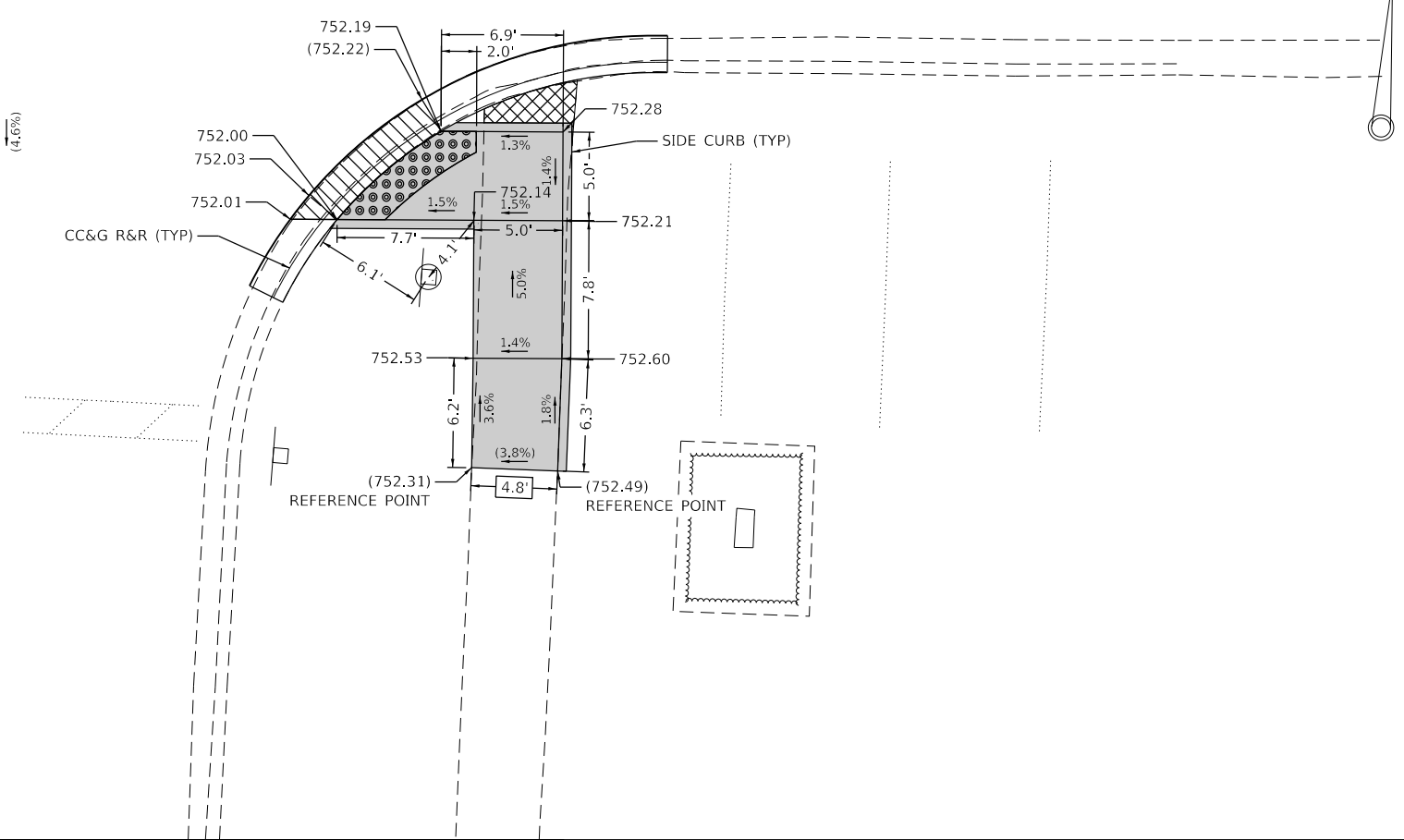
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	42
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



US 34 (OGDEN AVE)

WASHINGTON ST SOUTH



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 11159 EL 748.71 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON NE COR HH CONC PAD
 LOCATION: NW COR US 34 (OGDEN AVE) AND ELM ST NORTH

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

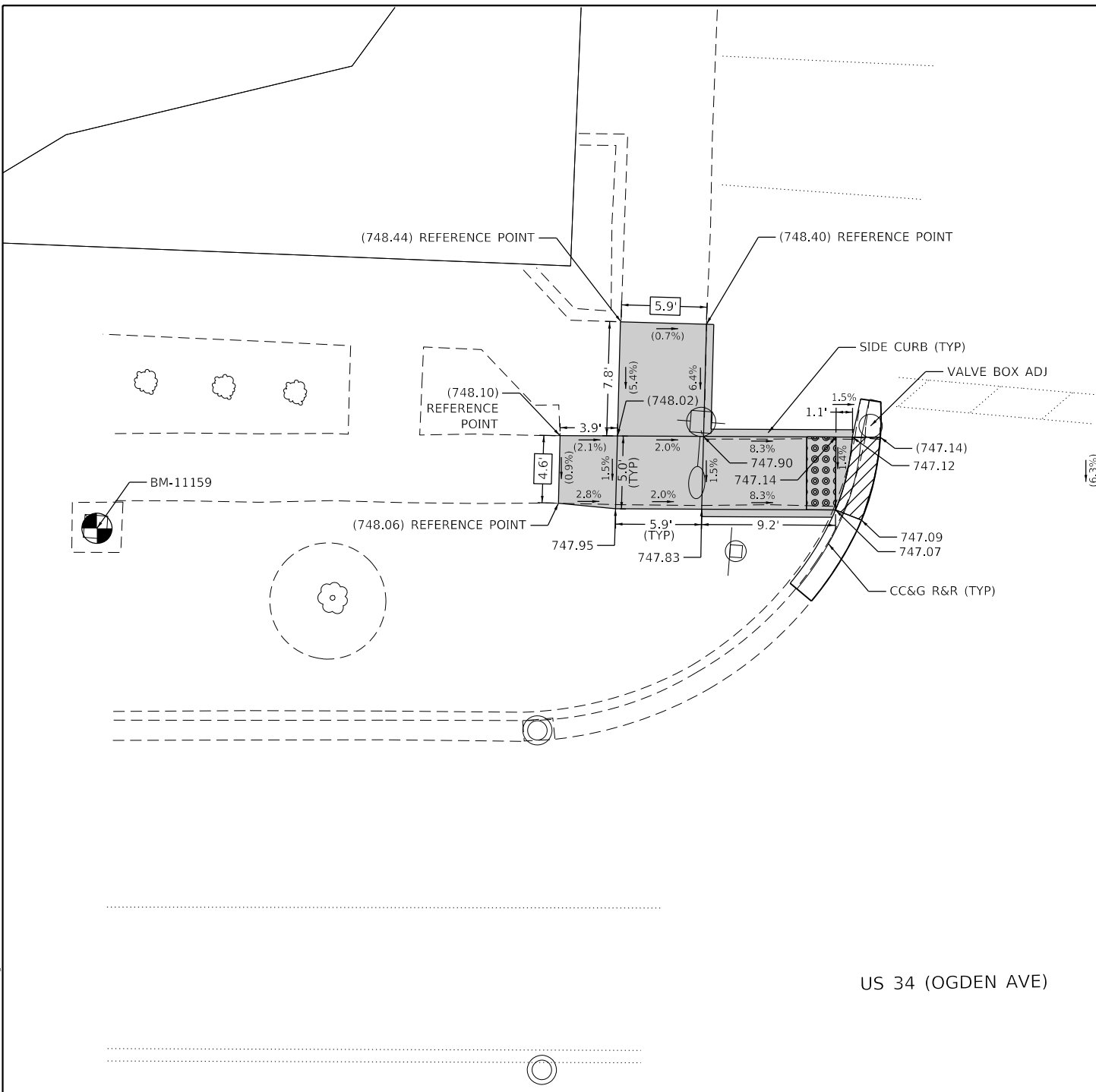
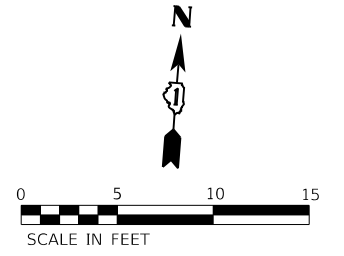
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT WASHINGTON ST SOUTH			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	44
CONTRACT NO. 62G62				
ILLINOIS		FED. AID PROJECT		



ELM ST NORTH

US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 11159 EL 748.71
 BENCHMARK: CROSS CUT ON NE COR HH CONC PAD
 LOCATION: NW COR US 34 (OGDEN AVE) AND ELM ST NORTH

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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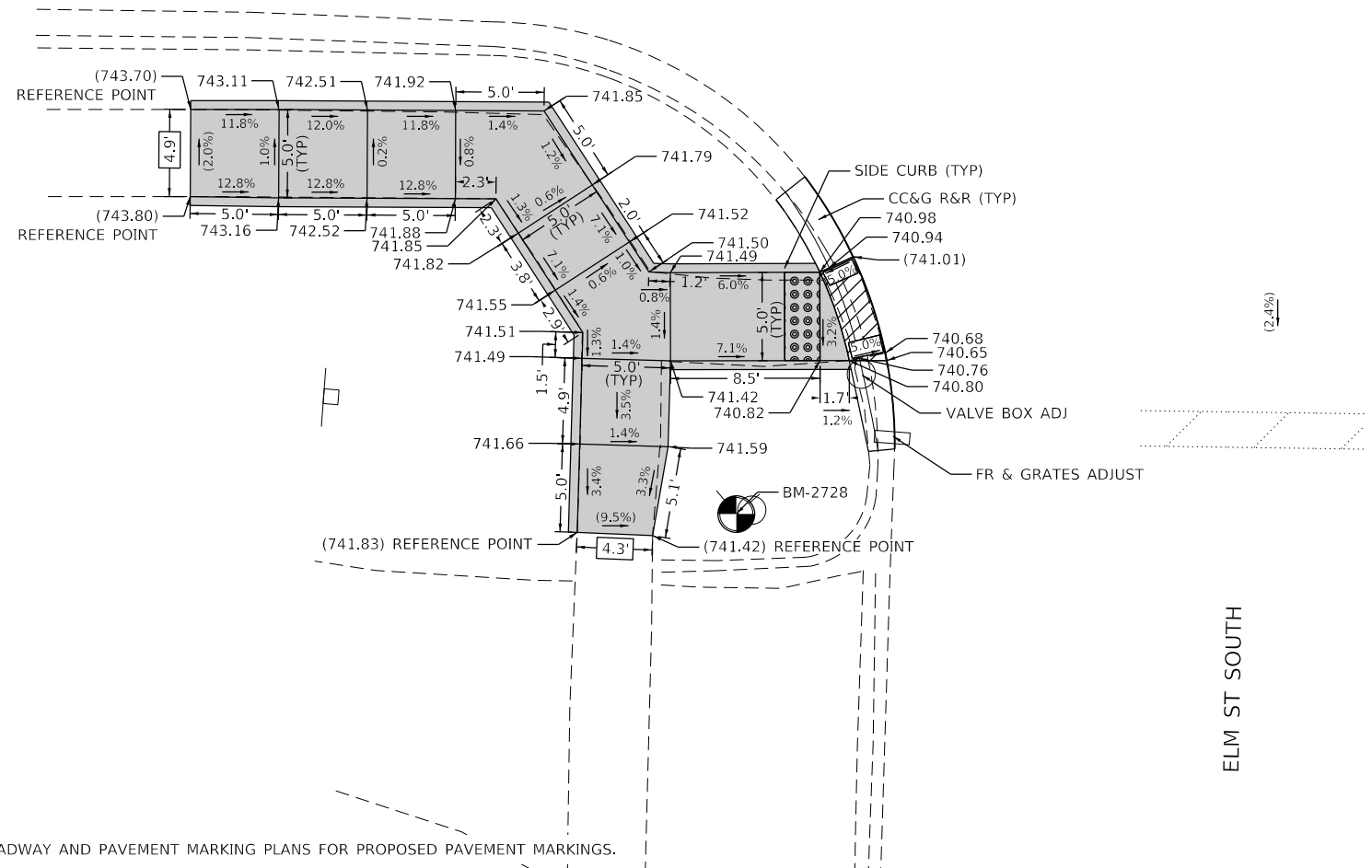
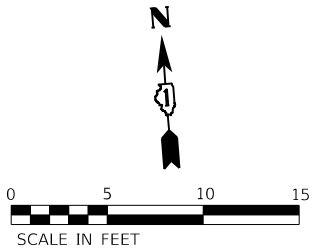
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PLOT DATE = 12/10/2018	CHECKED - RG	REVISED -
	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT ELM ST NORTH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	45
			CONTRACT NO. 62G62	
		ILLINOIS FED. AID PROJECT		

US 34 (OGDEN AVE)



REFERENCE BENCHMARK 2728 EL 743.20
 BENCHMARK: TOP SPINDLE OF FH
 LOCATION: SW COR US 34 (OGDEN AVE) AND ELM ST SOUTH

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

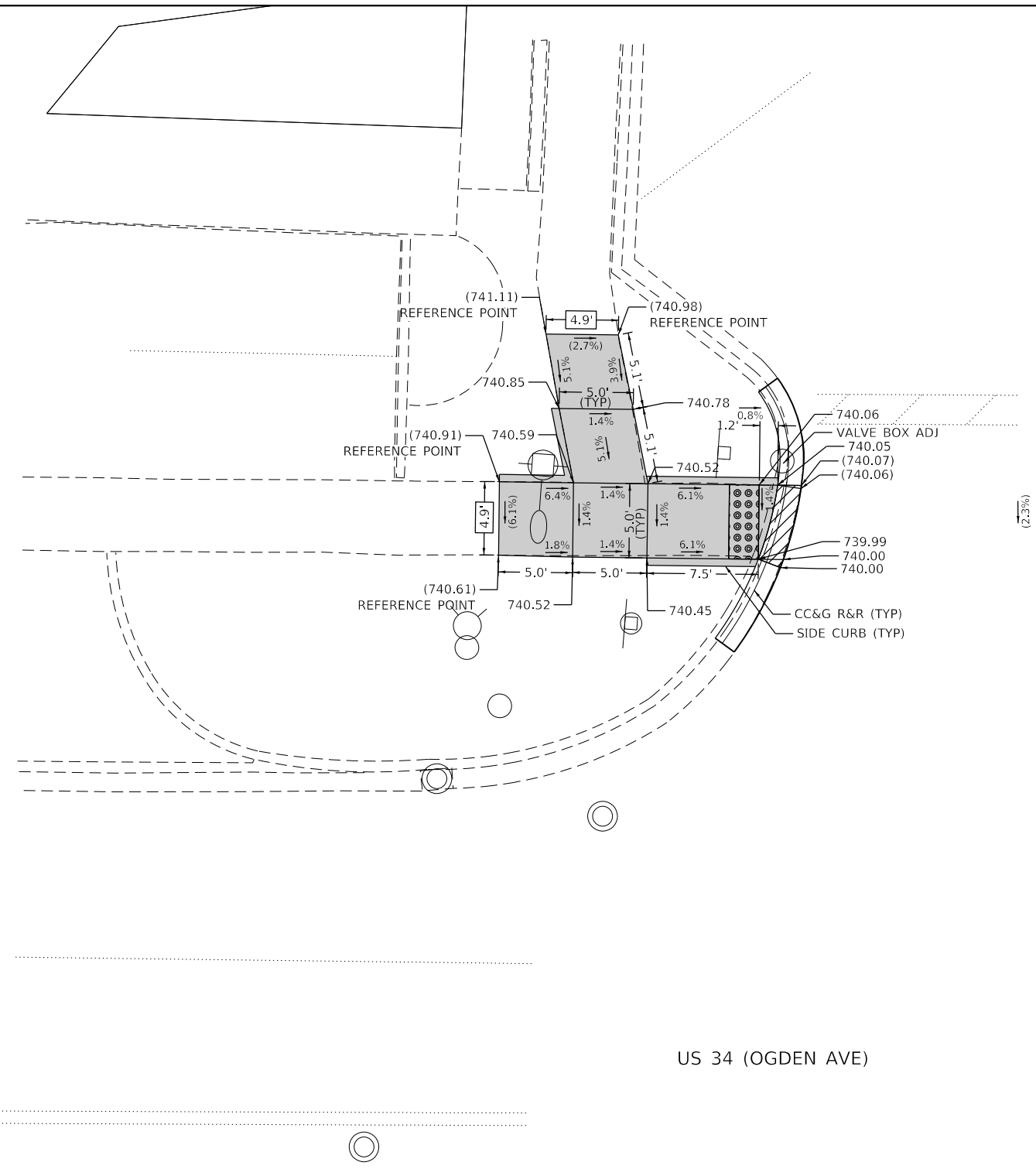
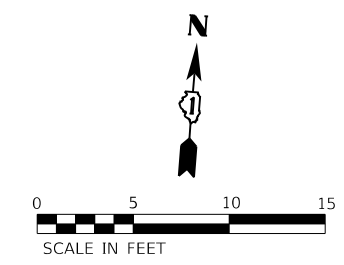
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT ELM ST SOUTH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



EARLSTON RD

US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 10448 EL 740.41 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND PROSPECT AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

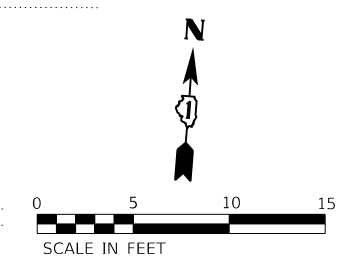
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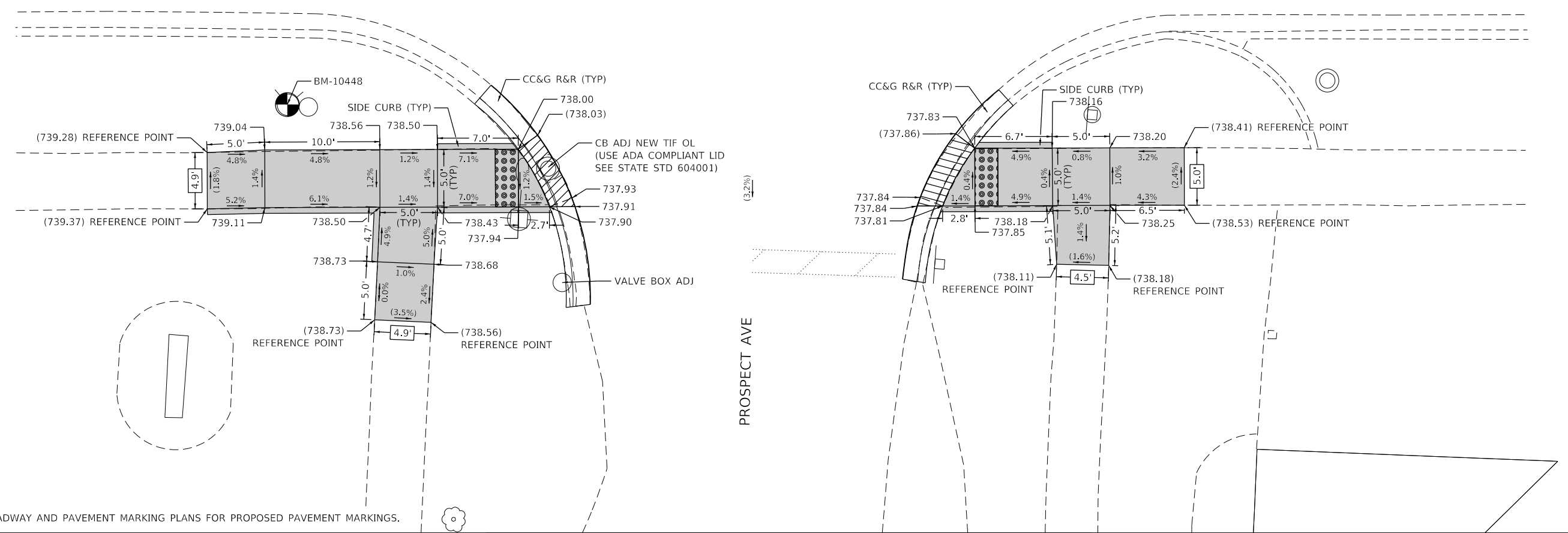
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT EARLSTON RD			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	47
			CONTRACT NO. 62G62	
		ILLINOIS FED. AID PROJECT		



US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 10448 EL 740.41
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND PROSPECT AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

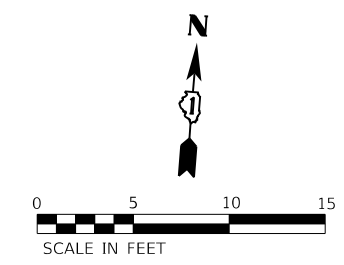
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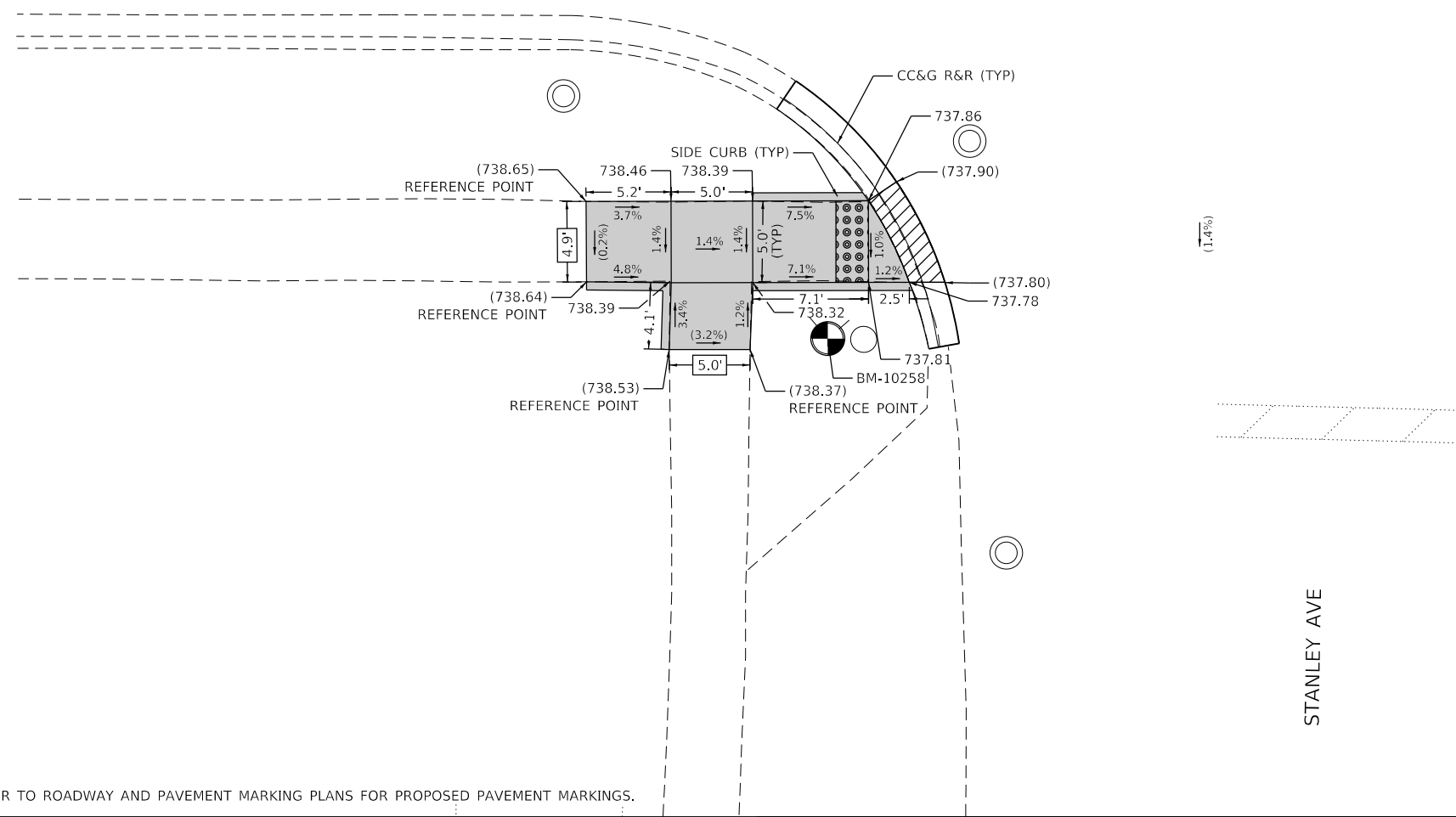
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS US 34 (OGDEN AVE) AT PROSPECT AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	48
CONTRACT NO. 62G62				
ILLINOIS		FED. AID PROJECT		



US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 10258 EL 739.98
 BENCHMARK: CROSS CUT ON SW FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND STANLEY AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

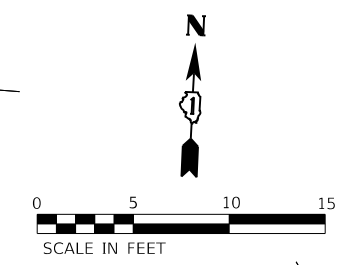
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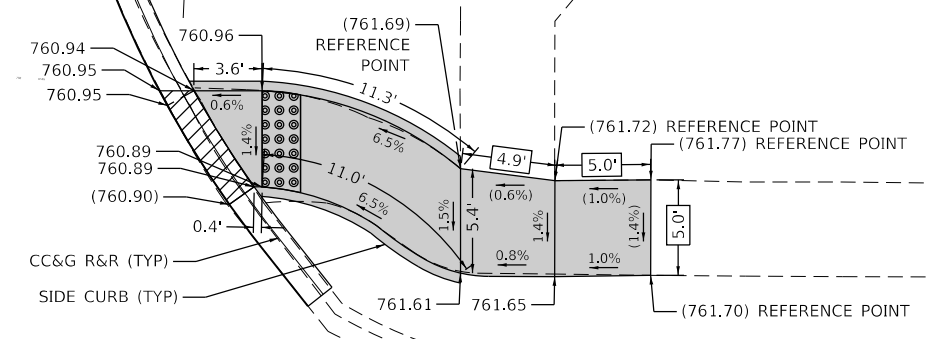
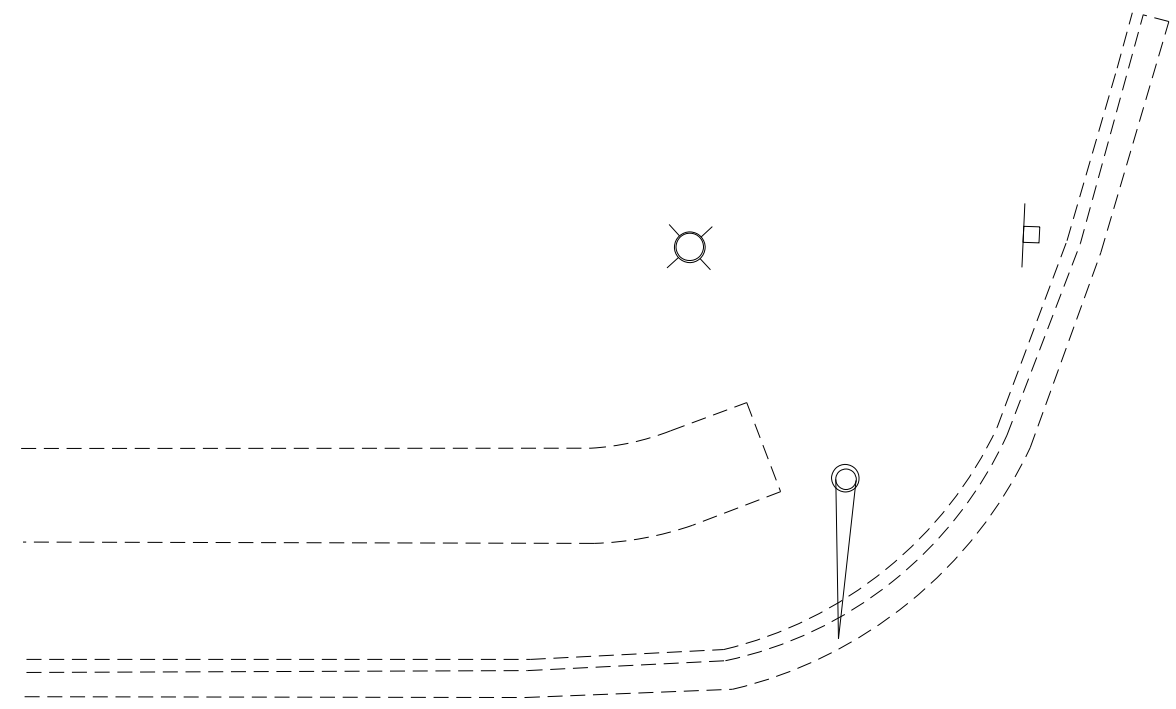
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS	
US 34 (OGDEN AVE) AT STANLEY AVE	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	49
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



DOUGLAS RD NORTH
(0.1%)



US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 3512 EL 764.47 (NOT SHOWN)
BENCHMARK: CUT SQUARE ON SE COR OF TSCB
LOCATION: NE COR US 34 (OGDEN AVE) AND FAIRVIEW AVE

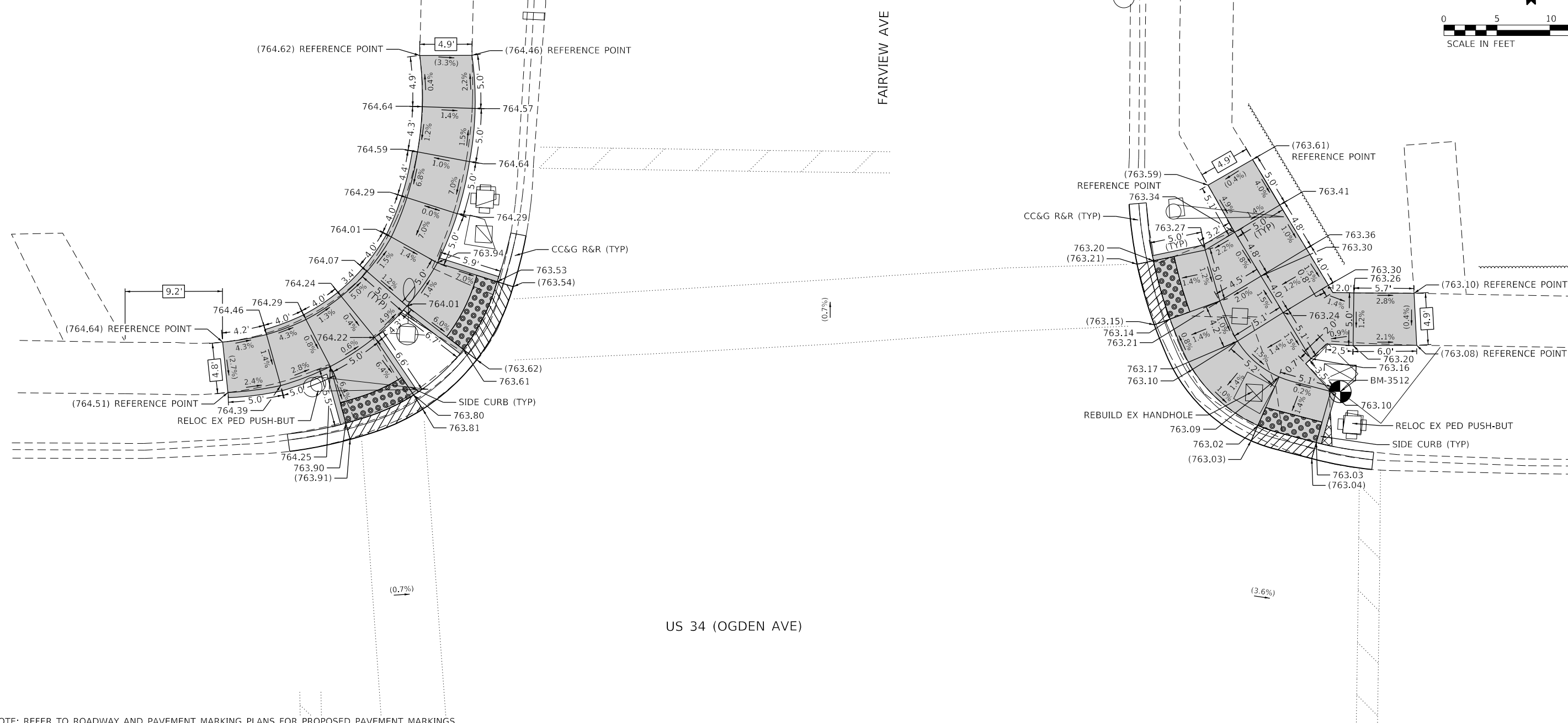
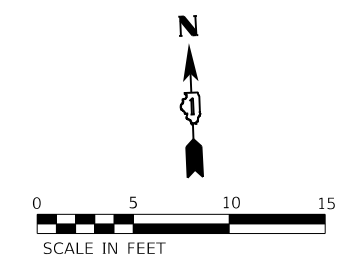
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PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT DOUGLAS RD NORTH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	50
			CONTRACT NO. 62G62	
		ILLINOIS	FED. AID PROJECT	



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 3512 EL 764.47
 BENCHMARK: CUT SQUARE ON SE COR OF TSCB
 LOCATION: NE COR US 34 (OGDEN AVE) AND FAIRVIEW AVE

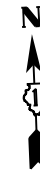
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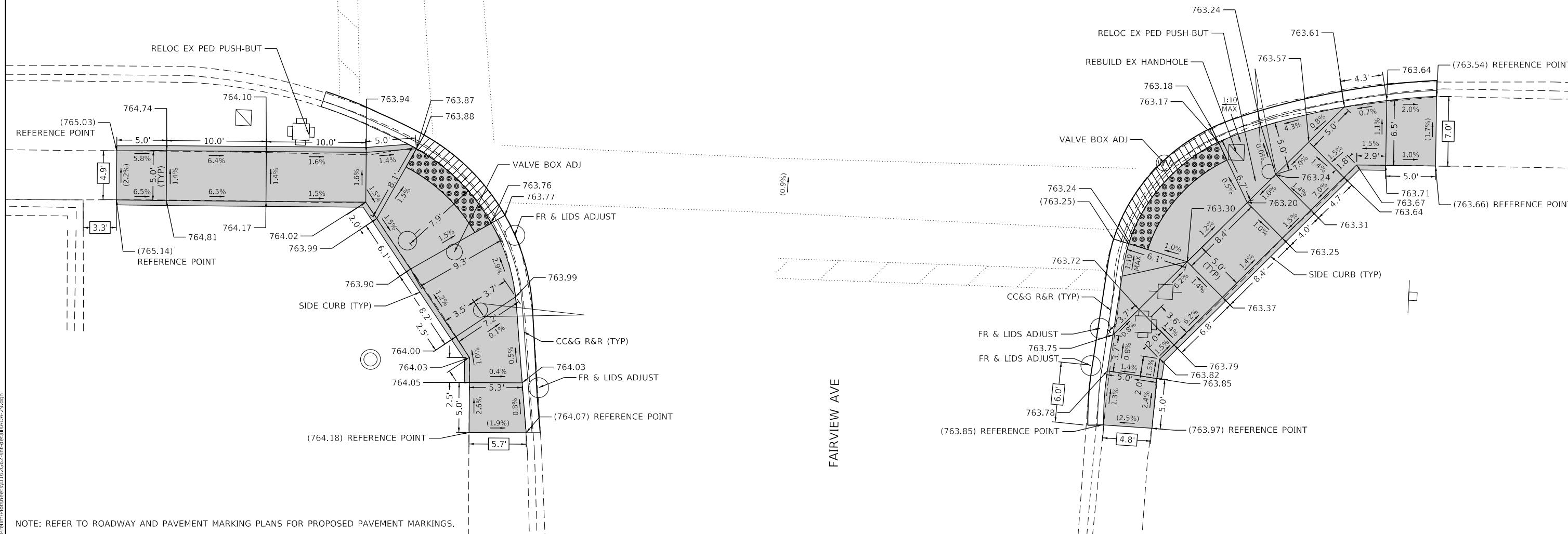
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT FAIRVIEW AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	







US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
-  PROPOSED SIDEWALK
-  DETECTABLE WARNINGS
-  SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
-  DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 3512 EL 764.47 (NOT SHOWN)
 BENCHMARK: CUT SQUARE ON SE COR OF TSCB
 LOCATION: NE COR US 34 (OGDEN AVE) AND FAIRVIEW AVE

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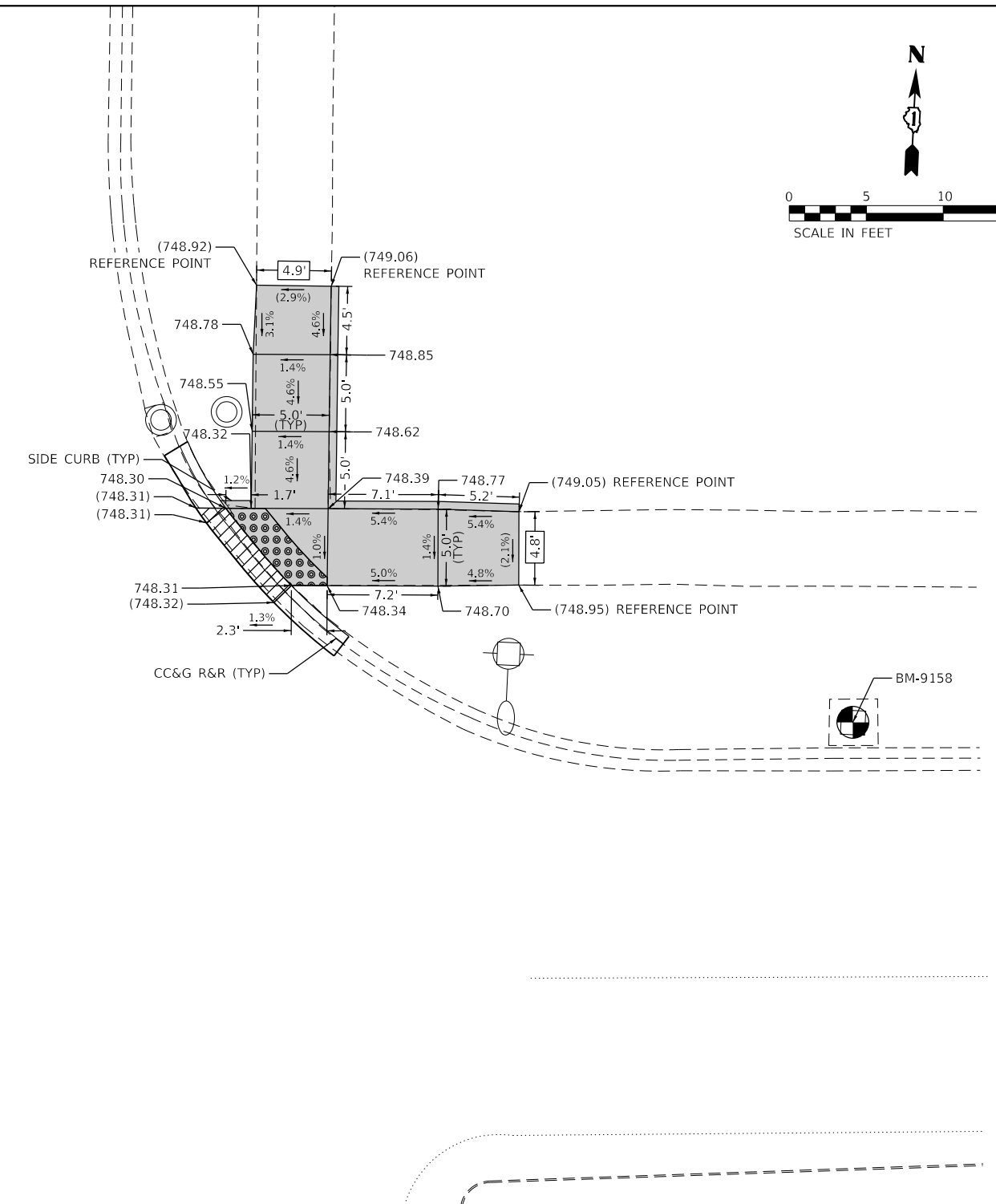
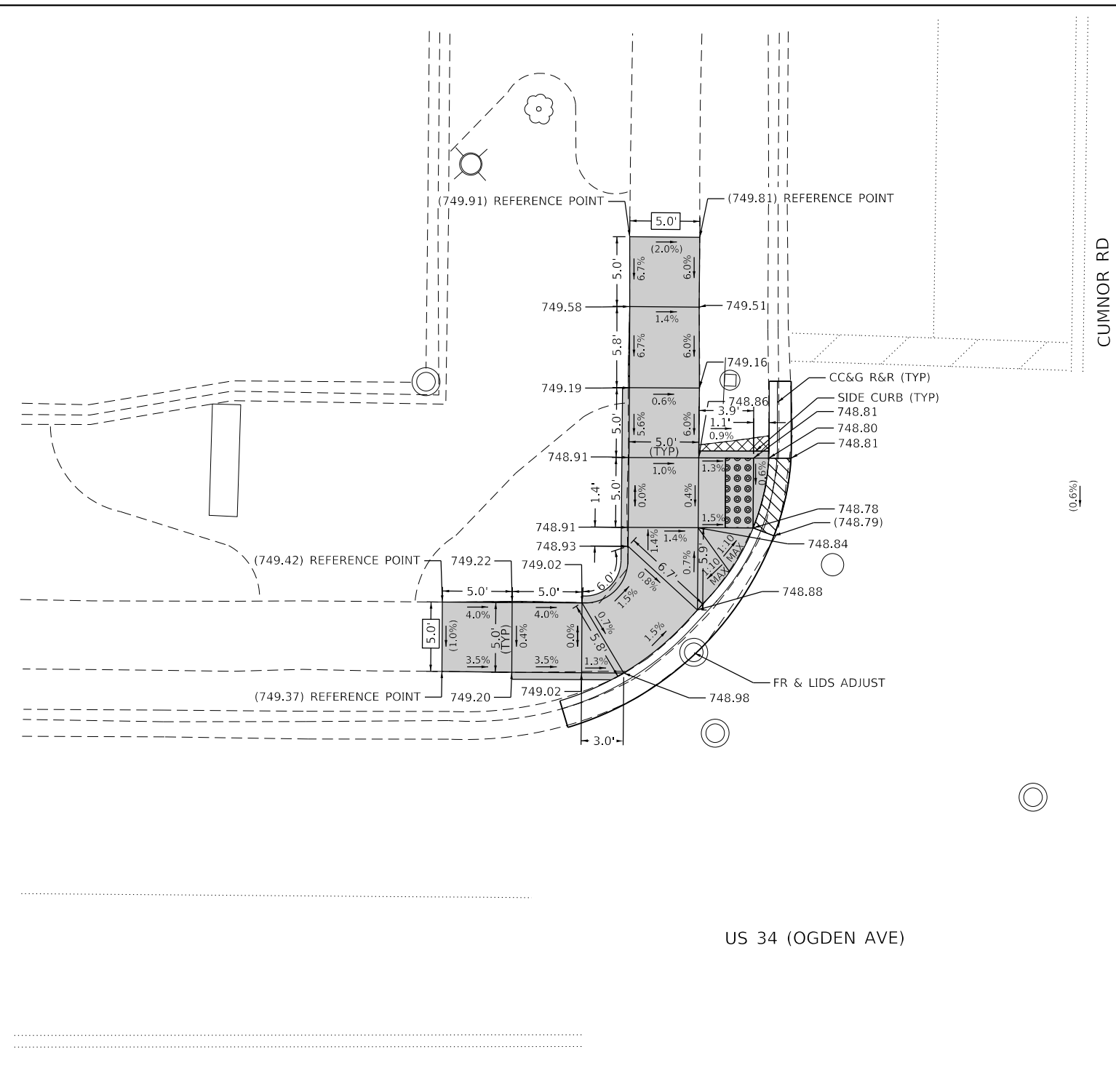
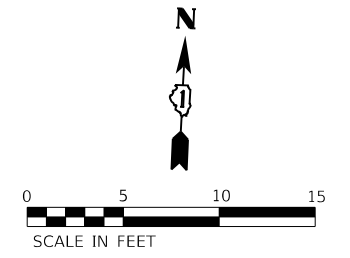
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT FAIRVIEW AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 311	SECTION 2018-028-R5-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 52
			CONTRACT NO. 62G62	
ILLINOIS FED. AID PROJECT				



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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 9158 EL 749.28
 BENCHMARK: CROSS CUT IN CONC ON N SIDE OF HH
 LOCATION: NE COR US 34 (OGDEN AVE) AND CUMNOR RD

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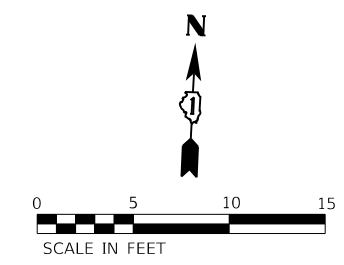
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT CUMNOR RD**

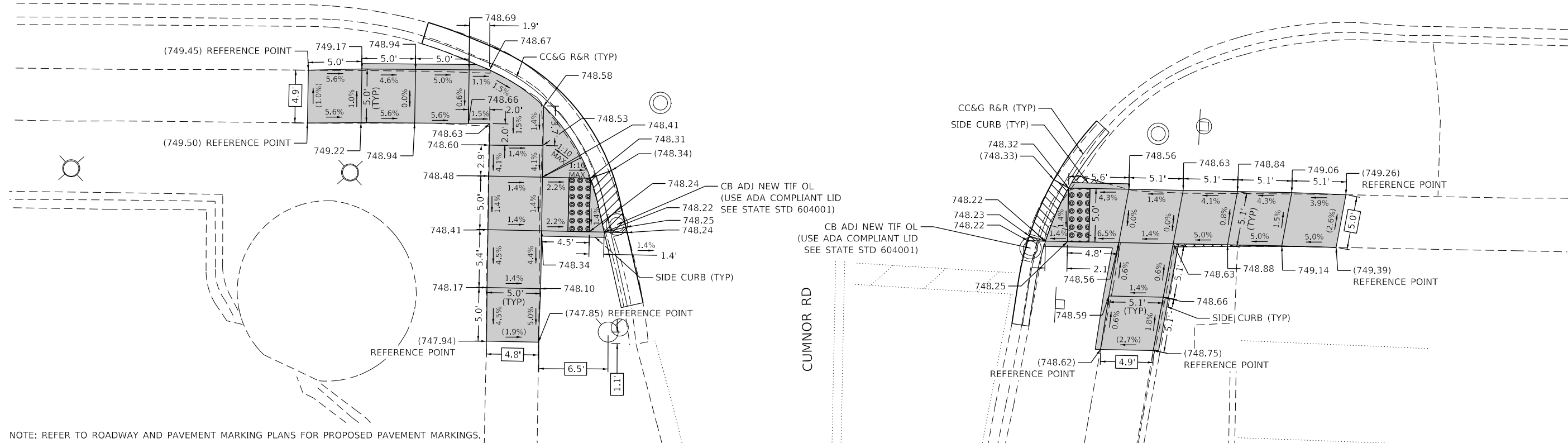
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	53
CONTRACT NO. 62G62				

ILLINOIS FED. AID PROJECT



US 34 (OGDEN AVE)



LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Grey Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS
- [Cross-hatch Pattern Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Pattern Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 9158 EL 749.28
 BENCHMARK: CROSS CUT IN CONC ON N SIDE OF HH
 LOCATION: NE COR US 34 (OGDEN AVE) AND CUMNOR RD

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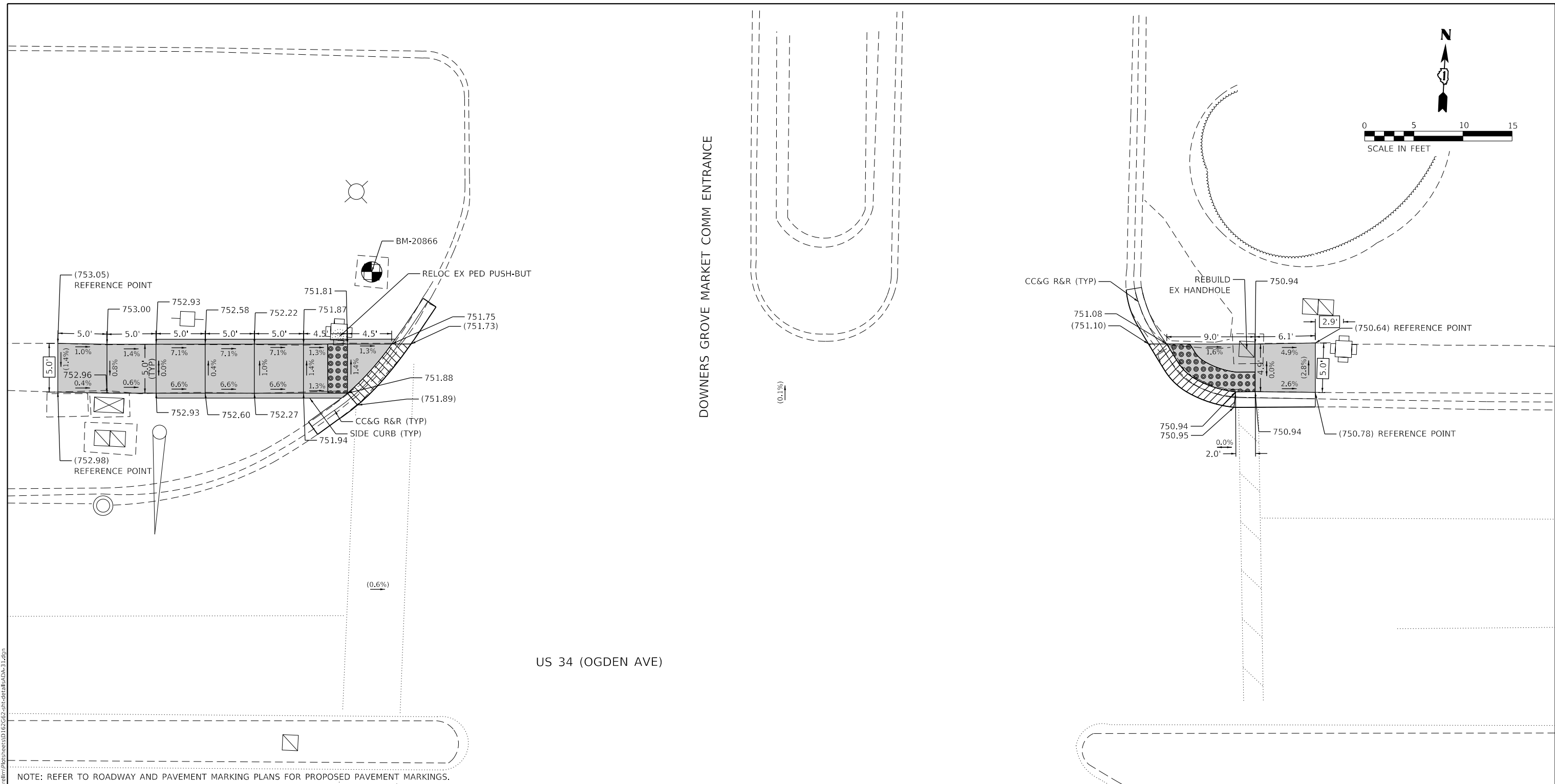
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PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT CUMNOR RD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	54
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

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REFERENCE BENCHMARK 20866 EL 752.32
 BENCHMARK: CROSS CUT IN CONC AT NW COR OF HH
 LOCATION: NW COR US 34 (OGDEN AVE) AND DOWNERS GROVE MARKET COMM ENTRANCE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

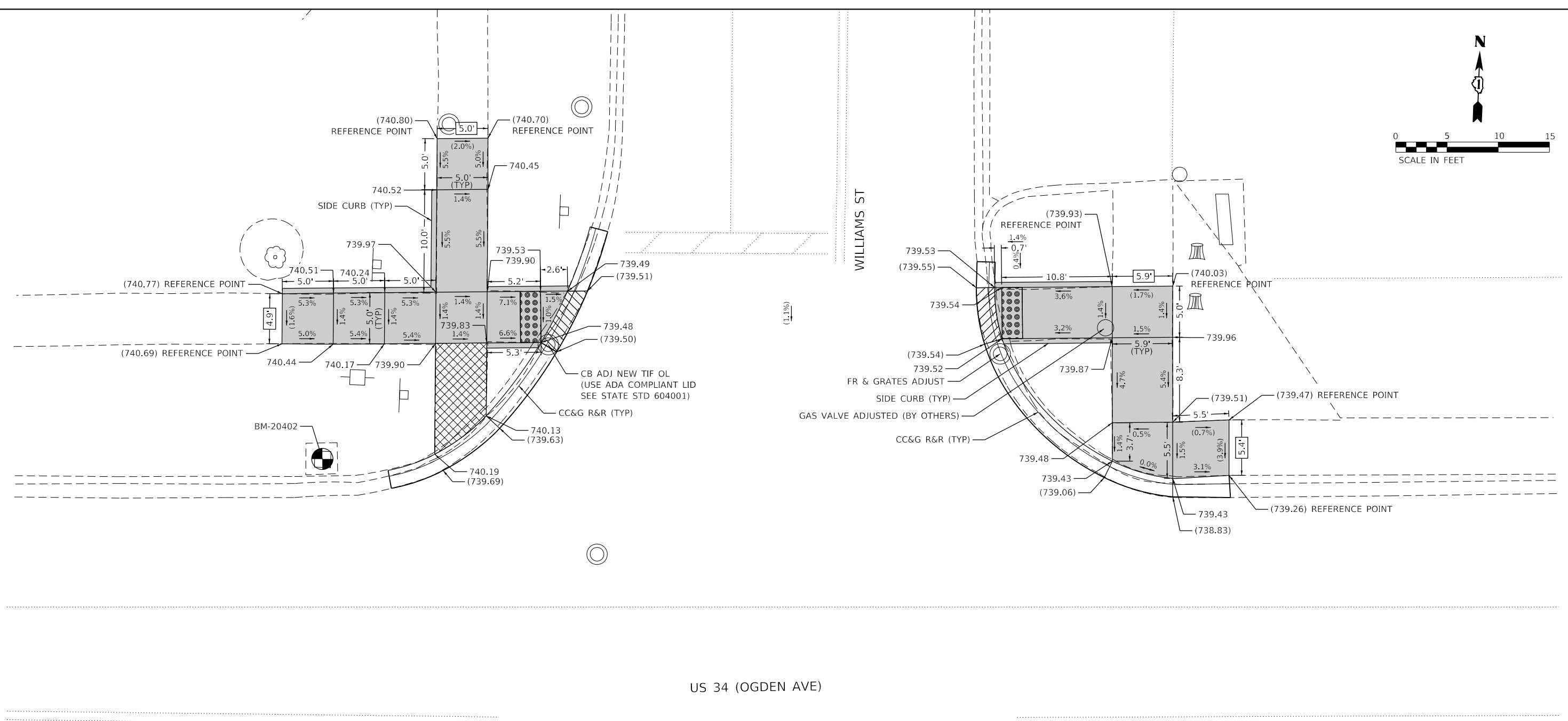
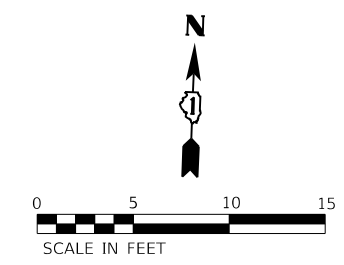
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
US 34 (OGDEN AVE) AT DOWNERS GROVE MARKET COMM ENTRANCE

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	55
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 20402 EL 740.37
 BENCHMARK: CROSS CUT IN CONC AT NE COR OF HH
 LOCATION: NW COR US 34 (OGDEN AVE) AND WILLIAMS ST

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

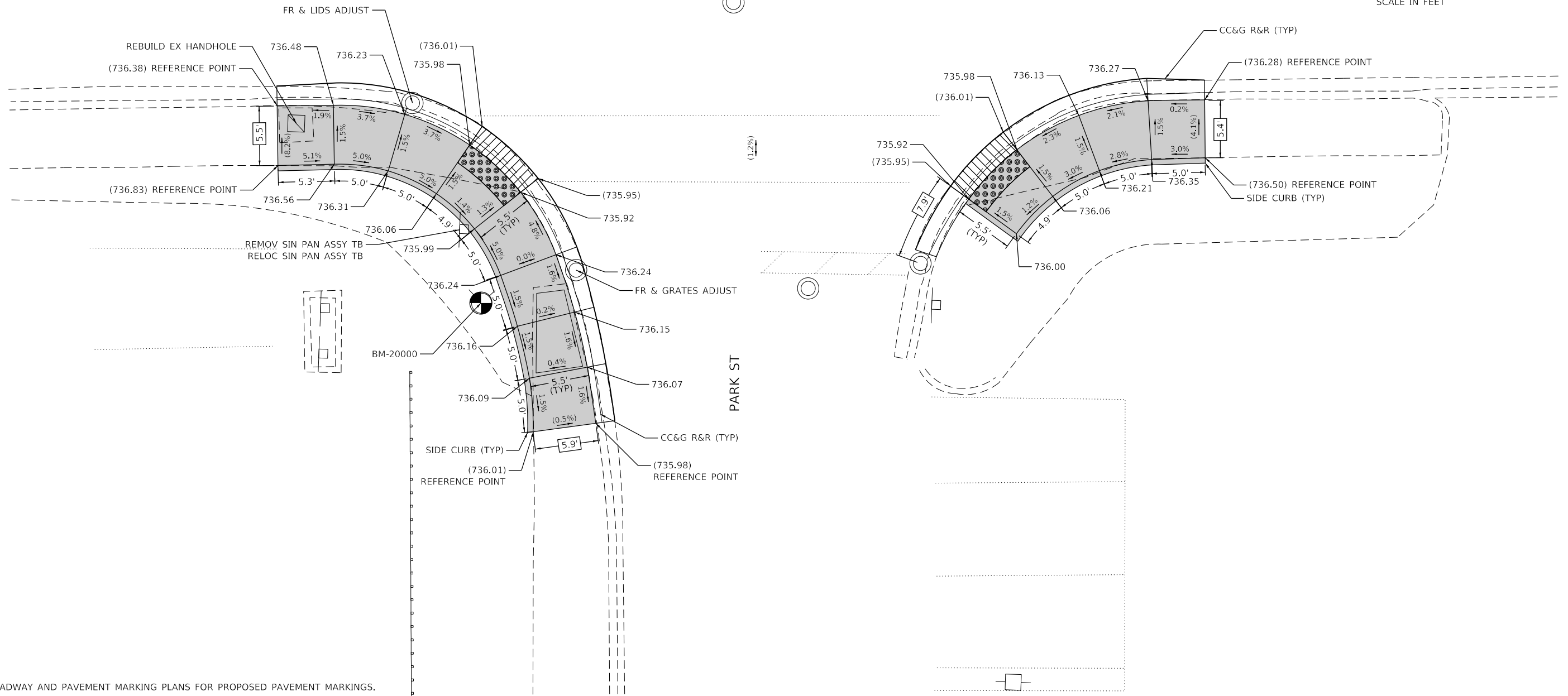
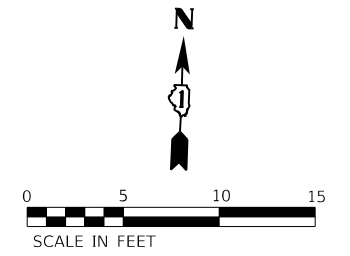
**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT WILLIAMS ST**

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PLOT DATE = 12/10/2018		

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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						ILLINOIS		FED. AID PROJECT		

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US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 20000 EL 737.67
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND PARK ST

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

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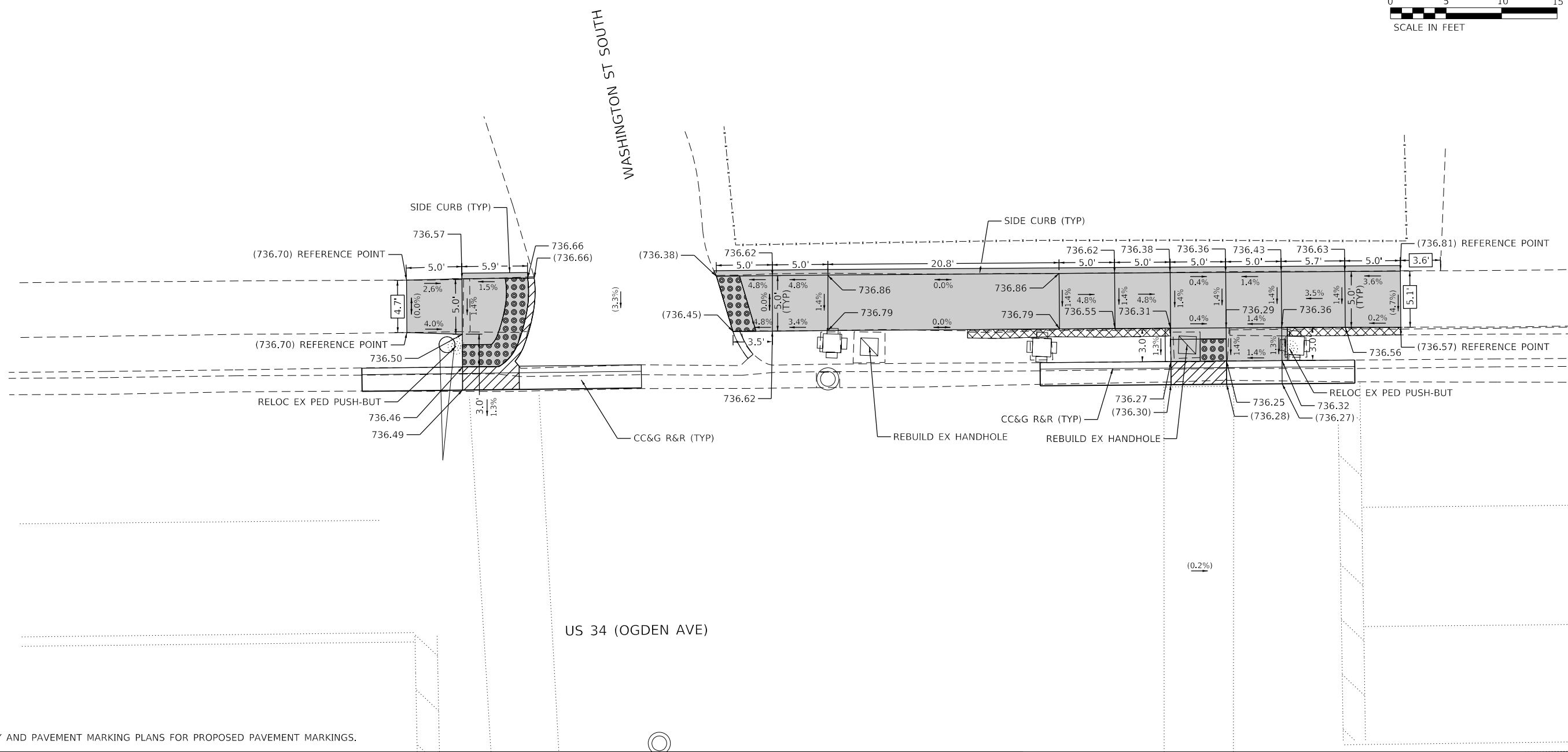
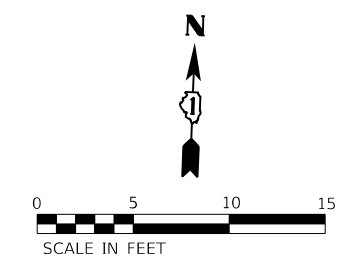
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT PARK ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 20000 EL 737.67 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND PARK ST

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

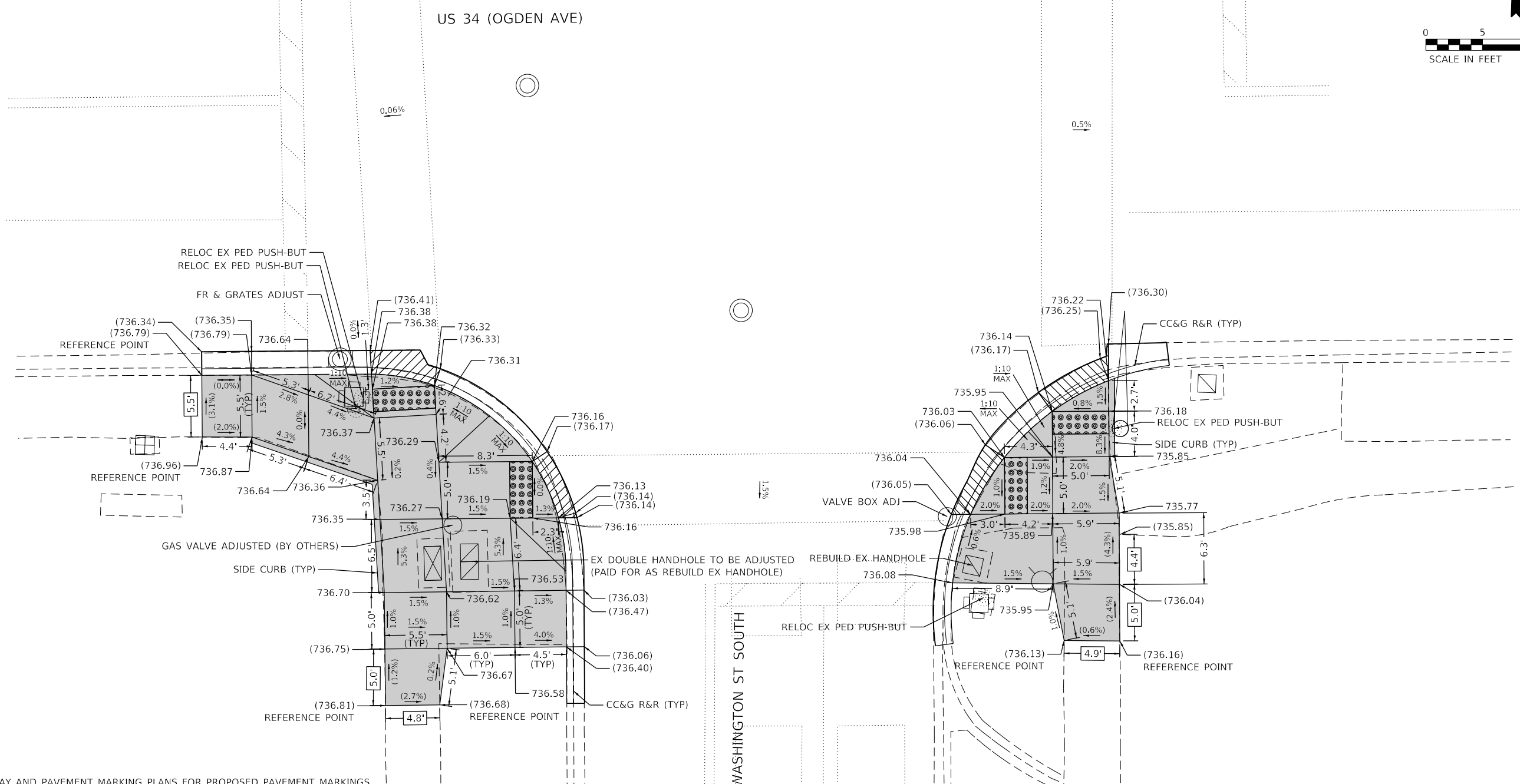
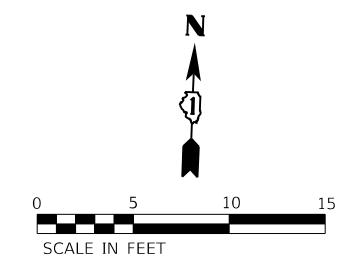
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT WASHINGTON ST SOUTH			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	58
			CONTRACT NO. 62G62	
		ILLINOIS FED. AID PROJECT		



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 20000 EL 737.67 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND PARK ST

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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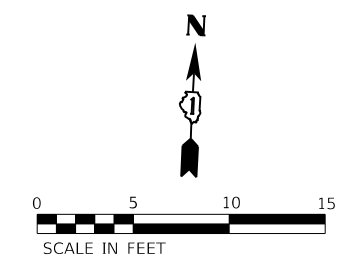
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT WASHINGTON ST SOUTH**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	59
CONTRACT NO. 62G62			ILLINOIS FED. AID PROJECT	



US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 20000 EL 737.67 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND PARK ST

LEGEND	
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Gray Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

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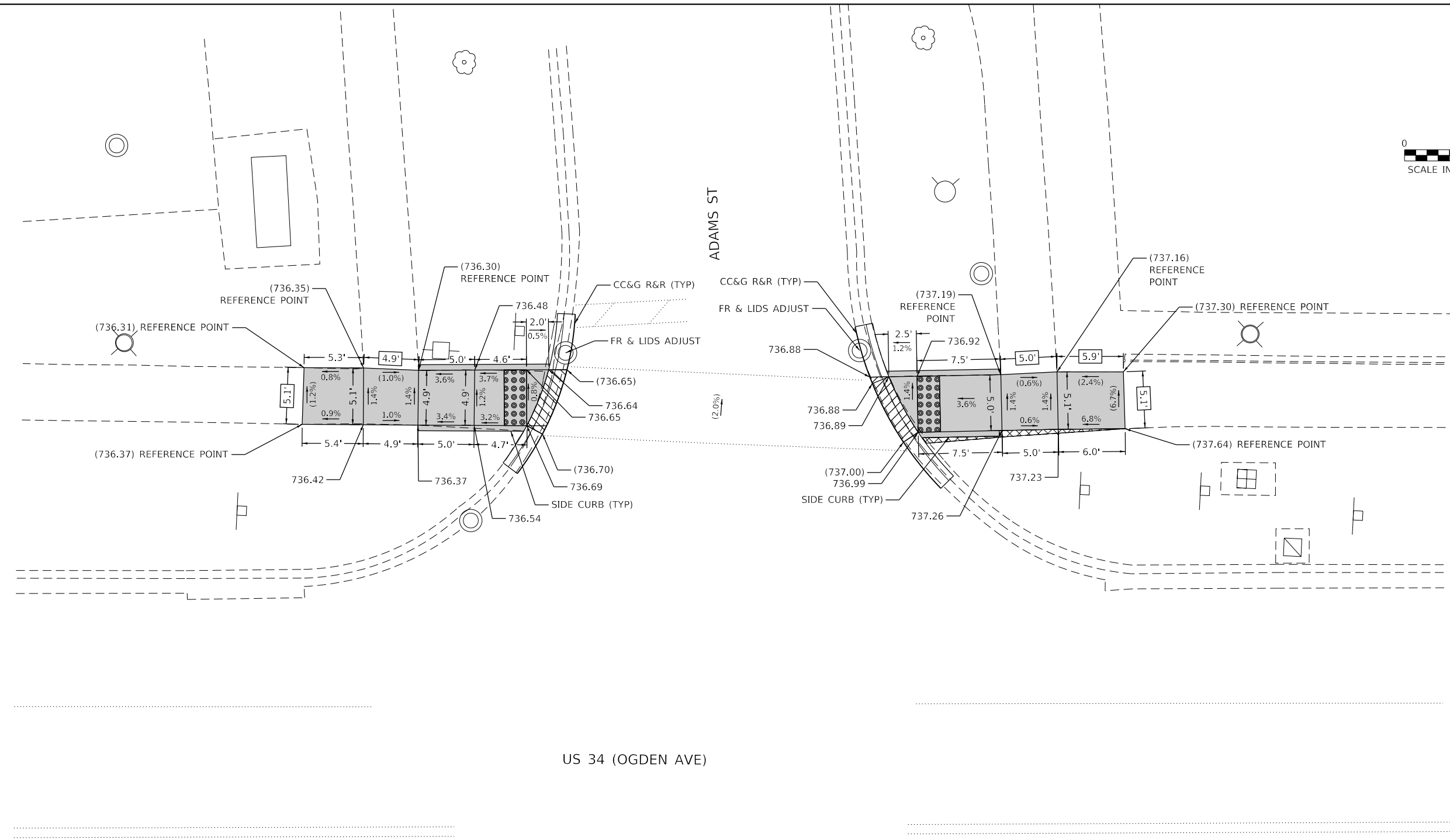
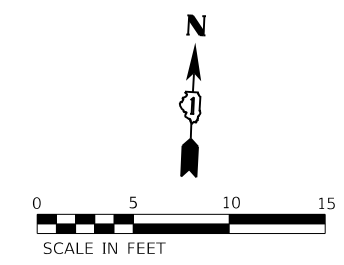
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT WASHINGTON ST NORTH**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	60
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 20000 EL 737.67 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND PARK ST

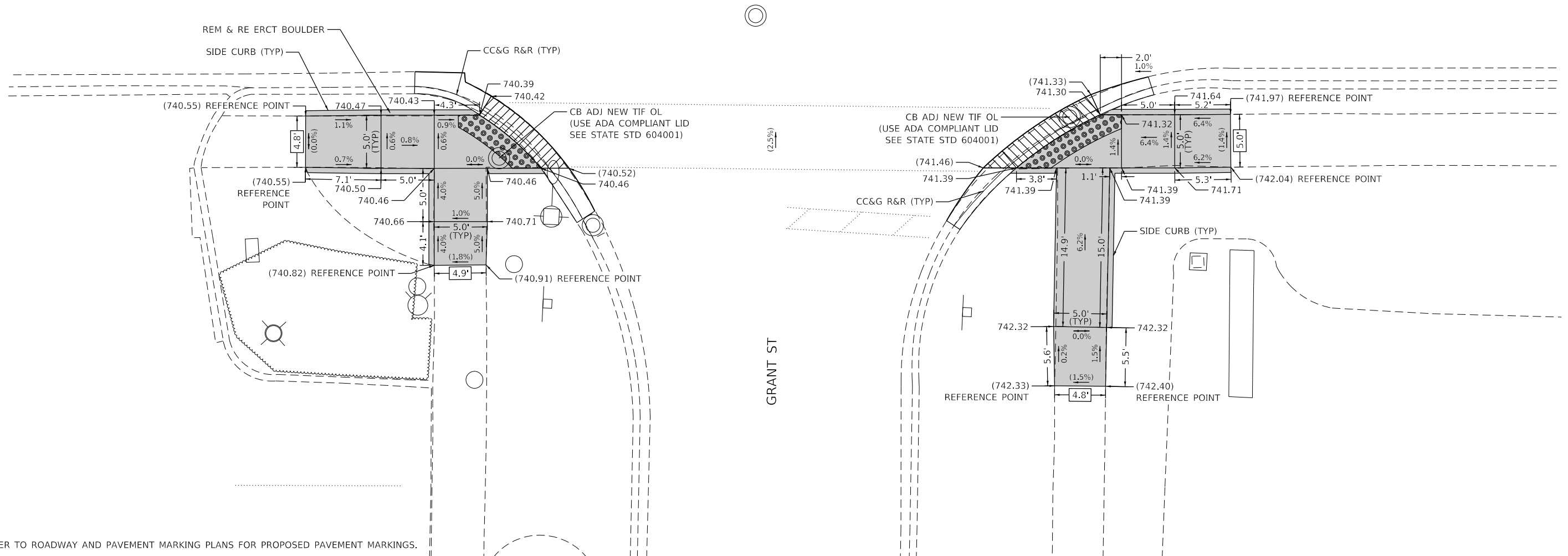
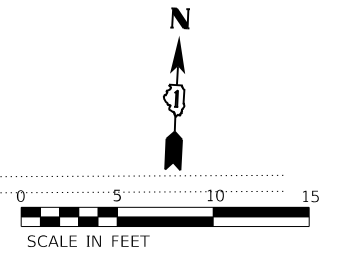
LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

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PLOT SCALE = 10.0000' / in. PLOT DATE = 12/10/2018		SCALE: SHEET OF SHEETS STA. TO STA.		

US 34 (OGDEN AVE)



LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK DGN03001 EL 746.22 (NOT SHOWN)
 BENCHMARK: 3" BRONZE DISK ON LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CASS AVE

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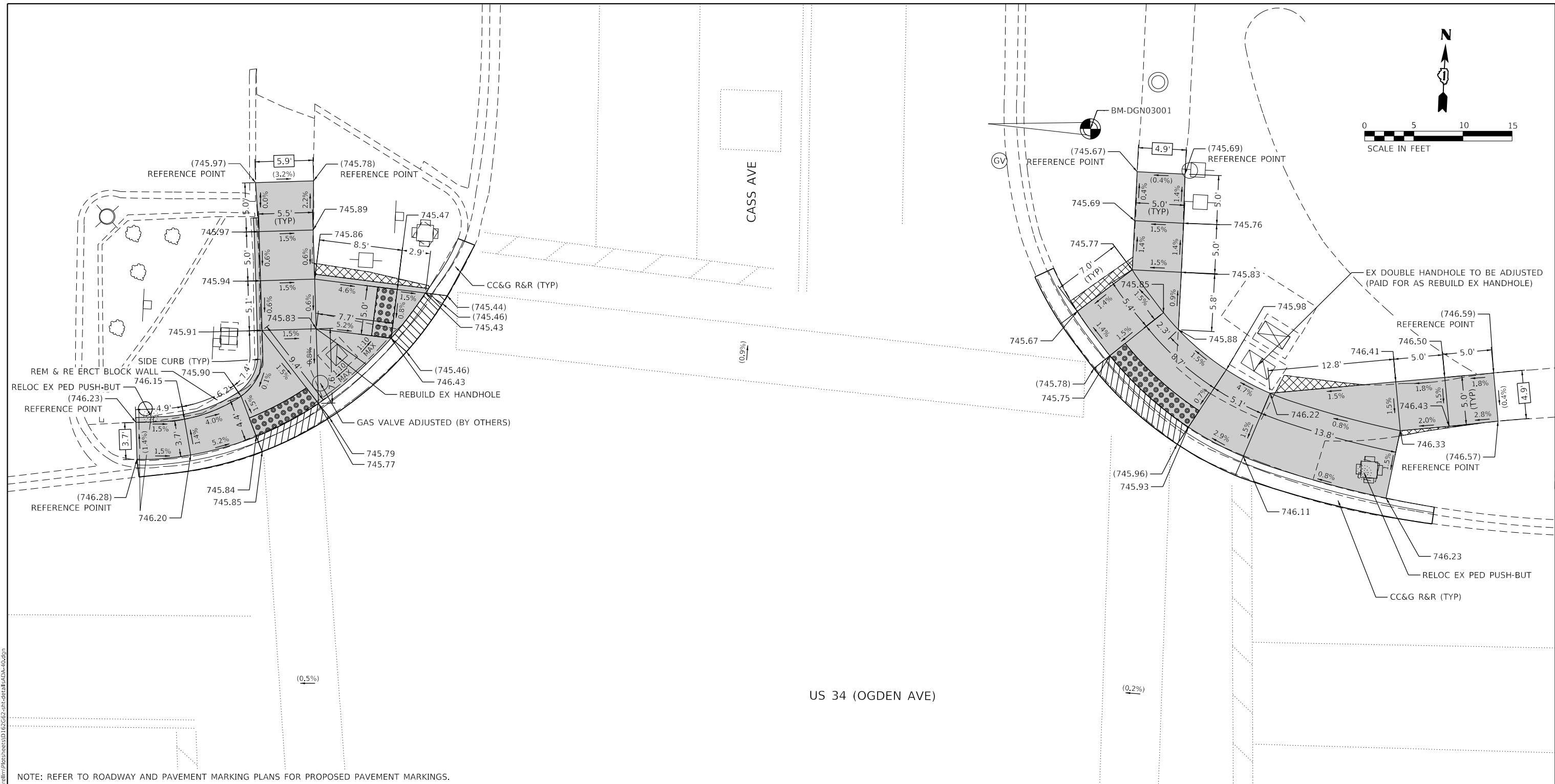
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DRAWN - KB/CS/MS/AN	CHECKED - RG	REVISED -
PLOT SCALE = 10.0000' / in.	DATE - 12/5/2018	REVISED -
PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT GRANT ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	62
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK DGN03001 EL 746.22
 BENCHMARK: 3" BRONZE DISK ON LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CASS AVE

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PLOT DATE = 12/10/2018		

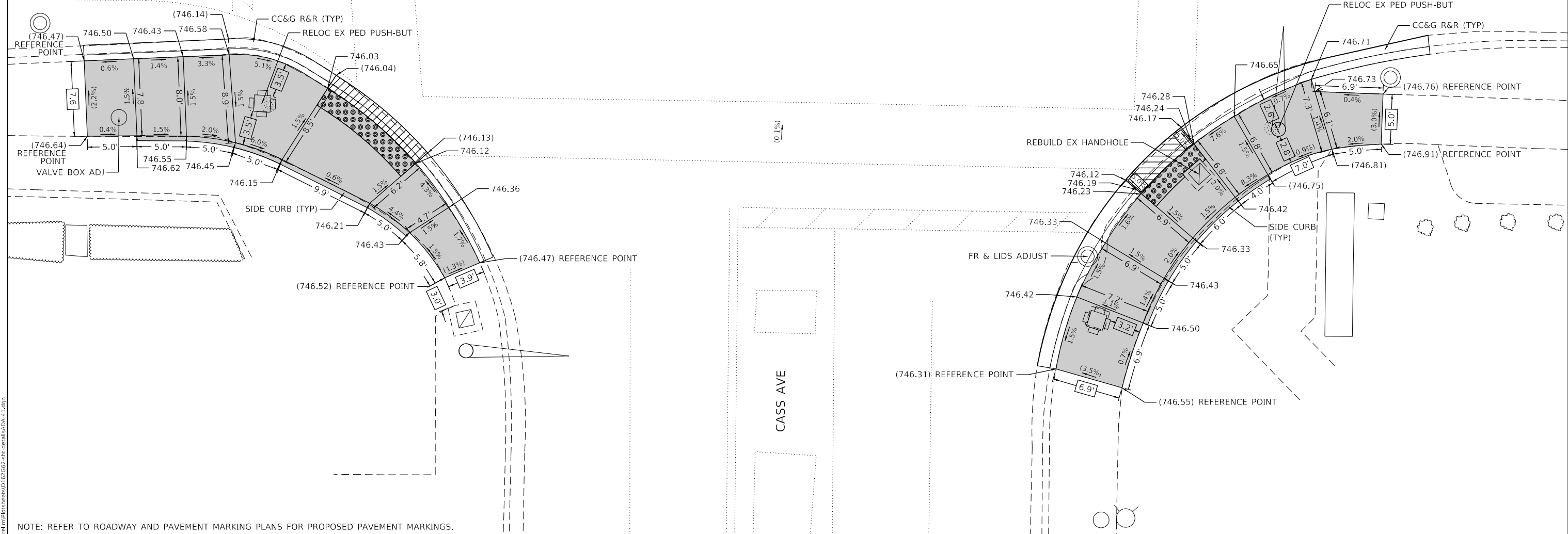
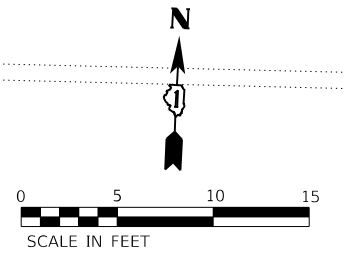
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT CASS AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	63
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK DGN03001 EL 746.22 (NOT SHOWN)
 BENCHMARK: 3" BRONZE DISK IN LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CASS AVE

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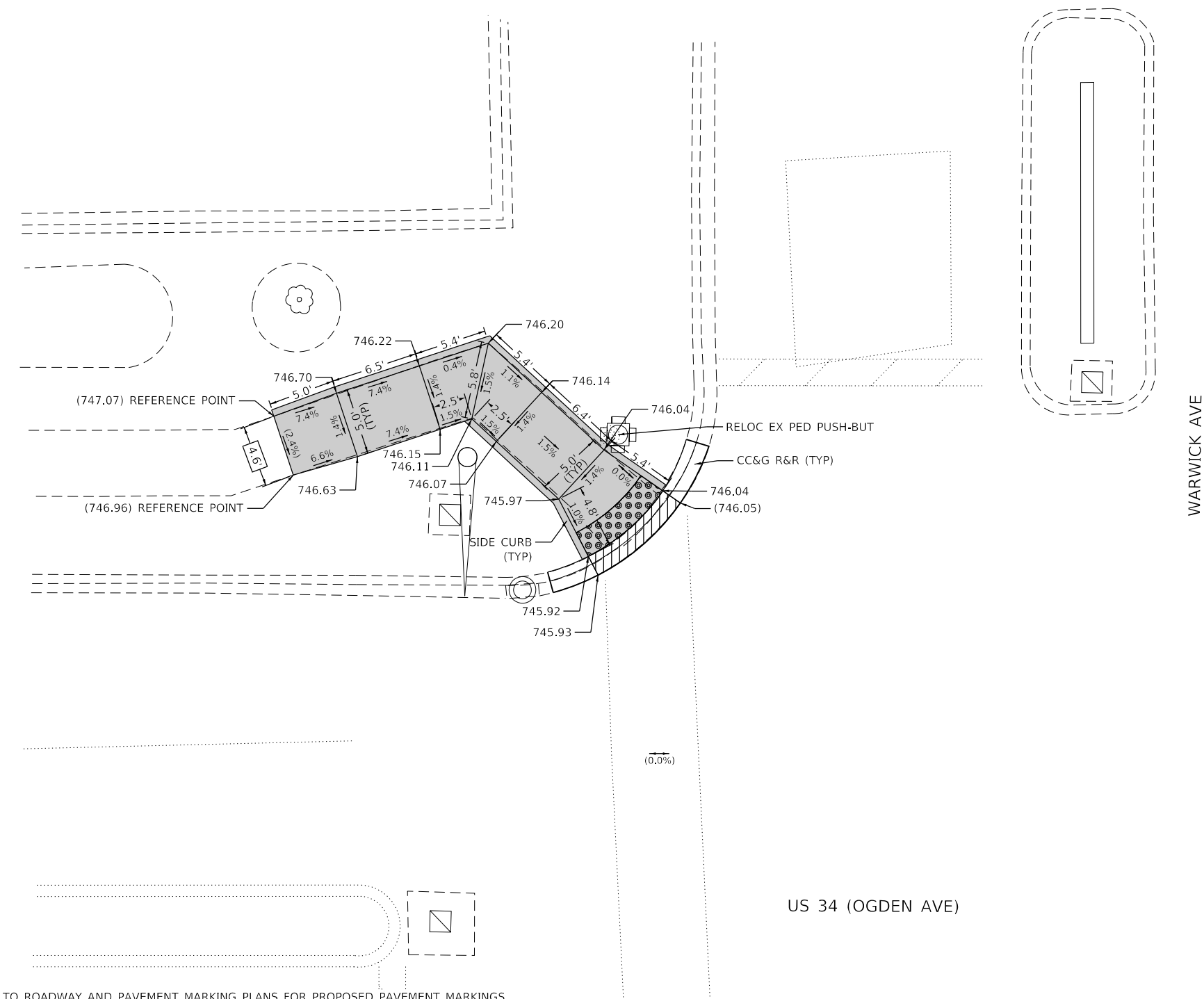
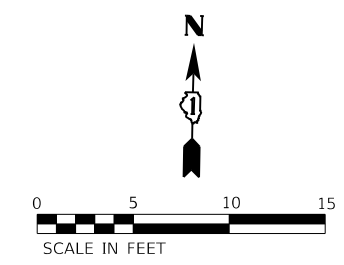
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT CASS AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	64
CONTRACT NO. 62G62			ILLINOIS FED. AID PROJECT	



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK DGN03001 EL 746.22 (NOT SHOWN)
 BENCHMARK: 3' BRONZE DISK IN LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CASS AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

MODEL: D:\p1\130039.08 IDOT D1 PFB 1B7-006 W08 US 34 ADA Ramp\GIS\Drawings\Prelim\Revised\162G62-rt-deta\A03A-42.dwg
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DRAWN - KB/CS/MS/AN	CHECKED - RG	REVISED -
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PLOT DATE = 12/10/2018		

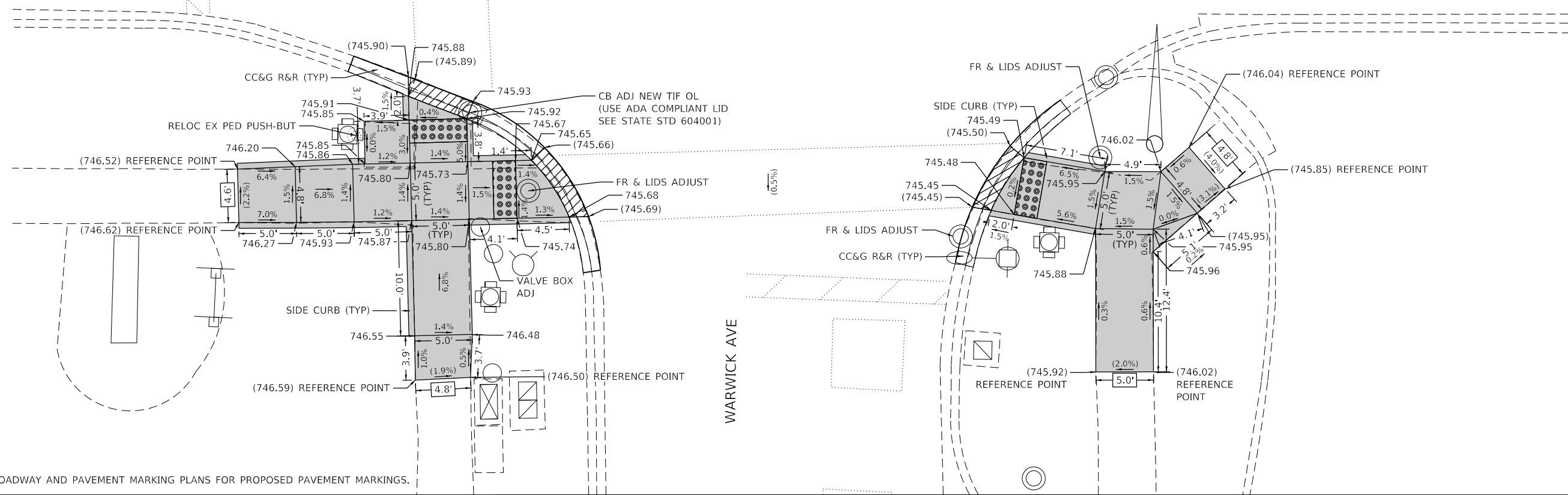
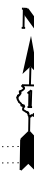
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT WARWICK AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	65
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS
- [Cross-hatch Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Lines Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK DGN03001 EL 746.22 (NOT SHOWN)
BENCHMARK: 3' BRONZE DISK IN LP BASE
LOCATION: NE COR US 34 (OGDEN AVE) AND CASS AVE

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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

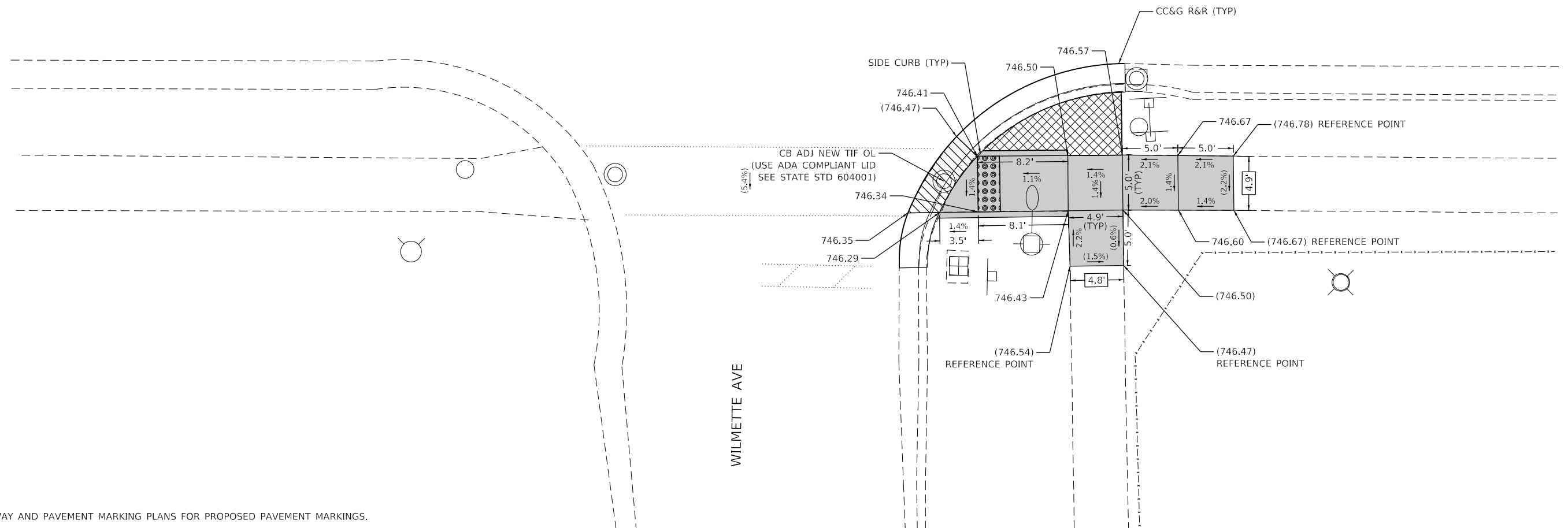
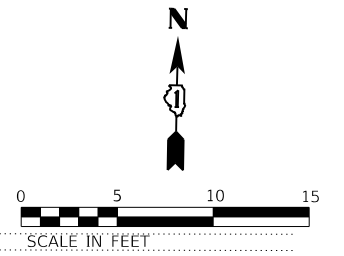
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT WARWICK AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	66
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK DGN03001 EL 746.22 (NOT SHOWN)
 BENCHMARK: 3' BRONZE DISK IN LP BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND CASS AVE

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS
- [Cross-hatch Pattern Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Pattern Box] DEPRESSED CURB AND GUTTER

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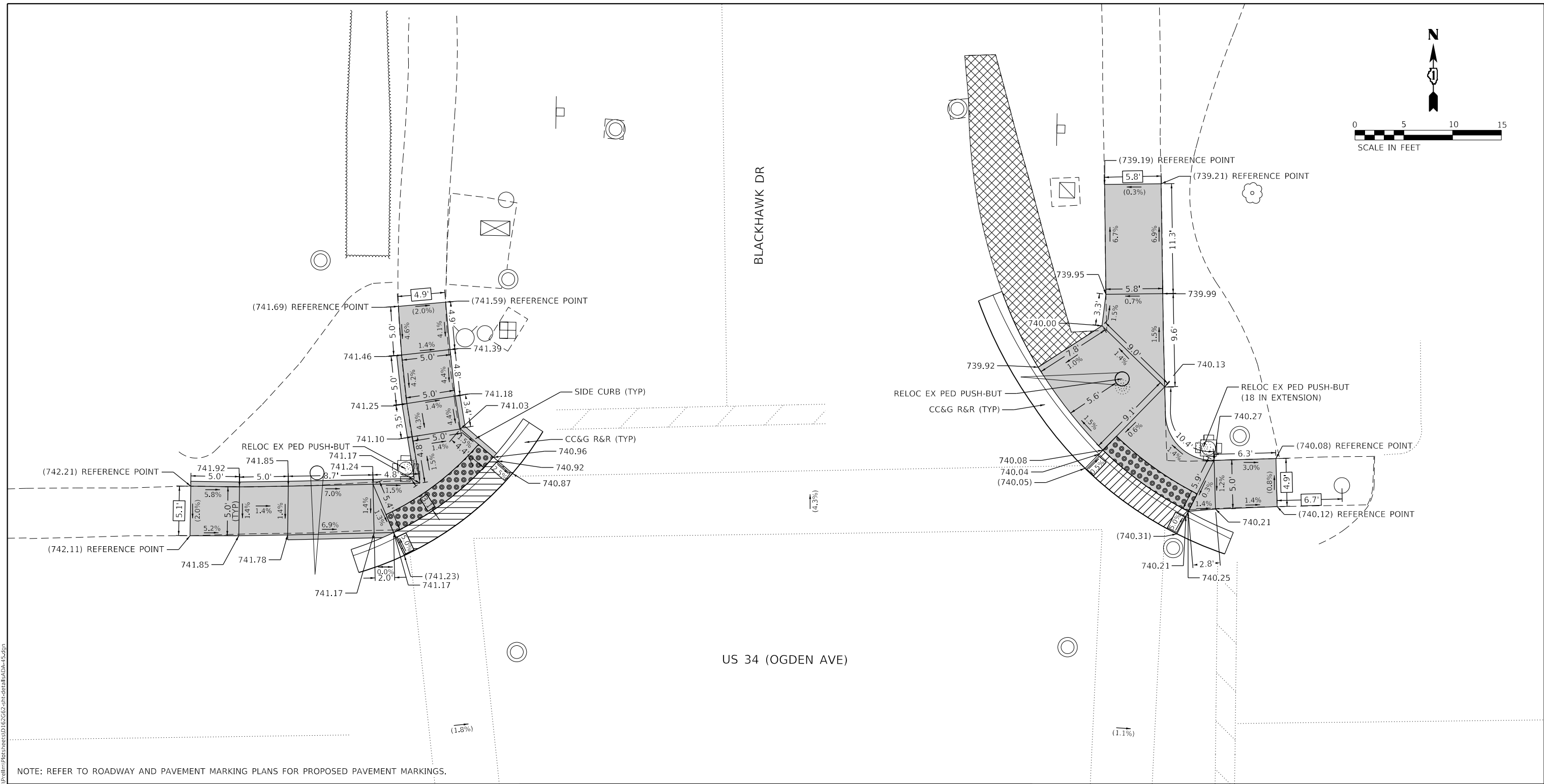
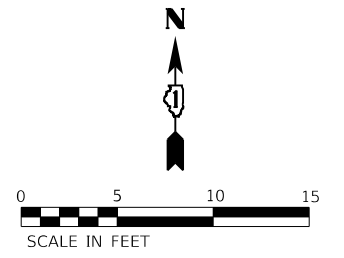
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PLOT DATE = 12/10/2018	DATE - 12/5/2018	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT WILMETTE AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	67
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 2638 EL 743.88 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SE COR US 34 (OGDEN AVE) AND RICHMOND AVE

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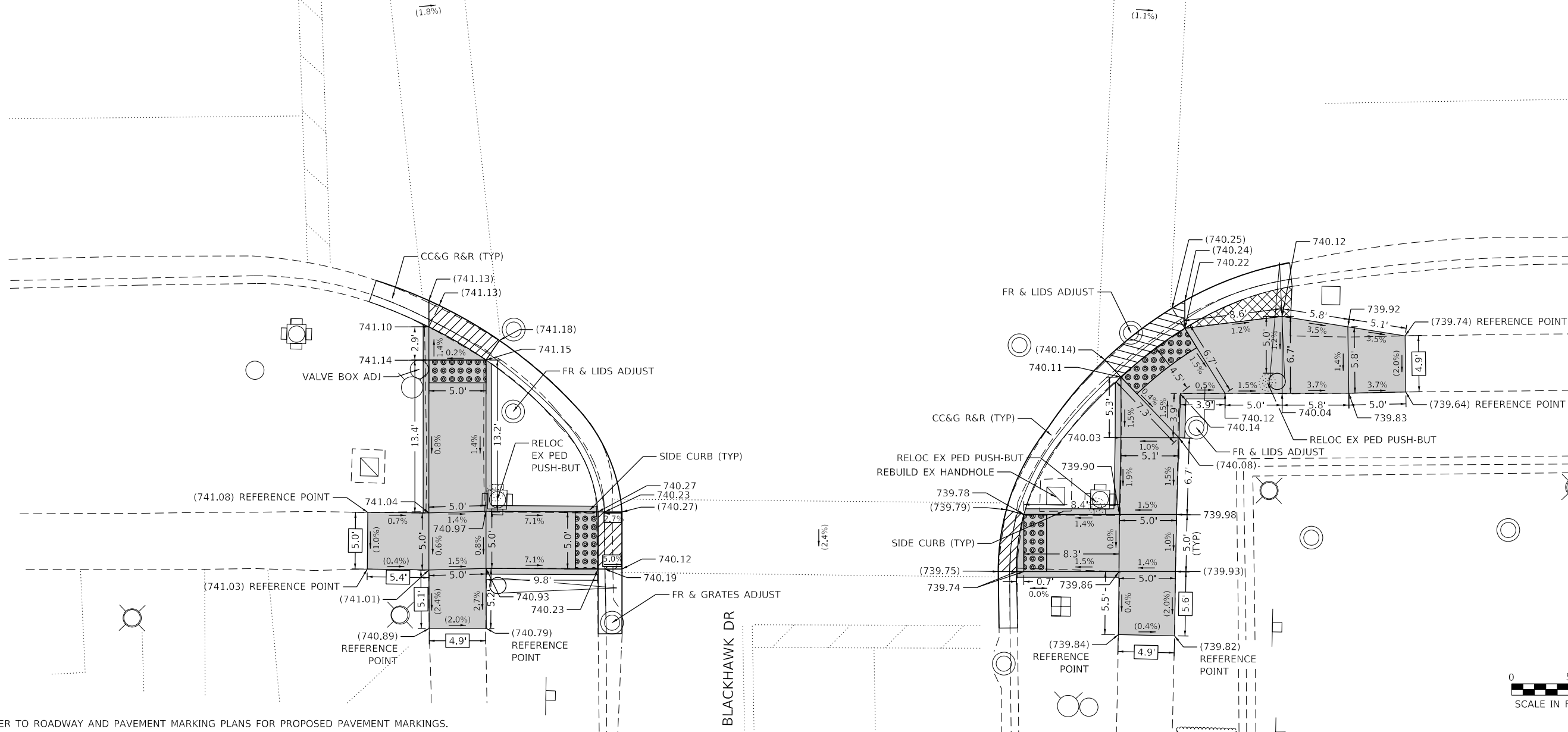
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT BLACKHAWK DR**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	68
		CONTRACT NO. 62G62		
ILLINOIS FED. AID PROJECT				

US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 2638 EL 743.88
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SE COR US 34 (OGDEN AVE) AND RICHMOND AVE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

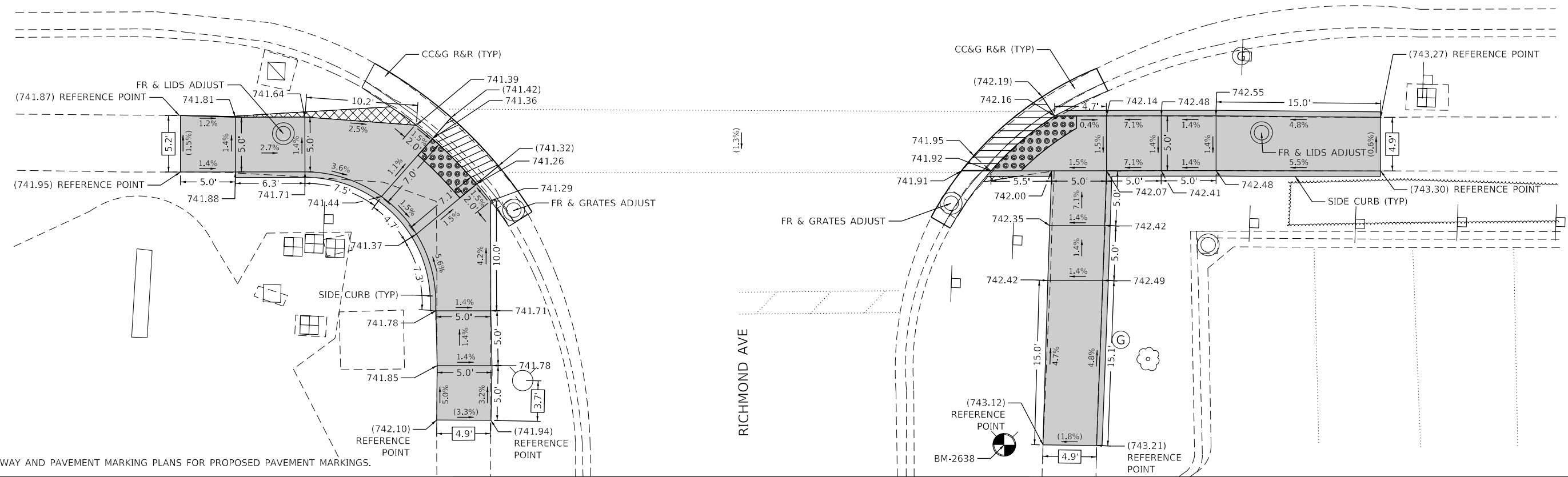
**ADA RAMP DETAILS
US 34 (OGDEN AVE) AT BLACKHAWK DR**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	69
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



US 34 (OGDEN AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 2638 EL 743.88
 BENCHMARK: CROSS CUT ON SE FH FLANGE BOLT
 LOCATION: SE COR US 34 (OGDEN AVE) AND RICHMOND AVE

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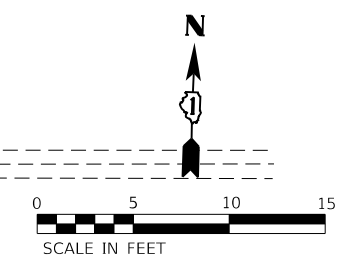
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PLOT DATE = 12/10/2018		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

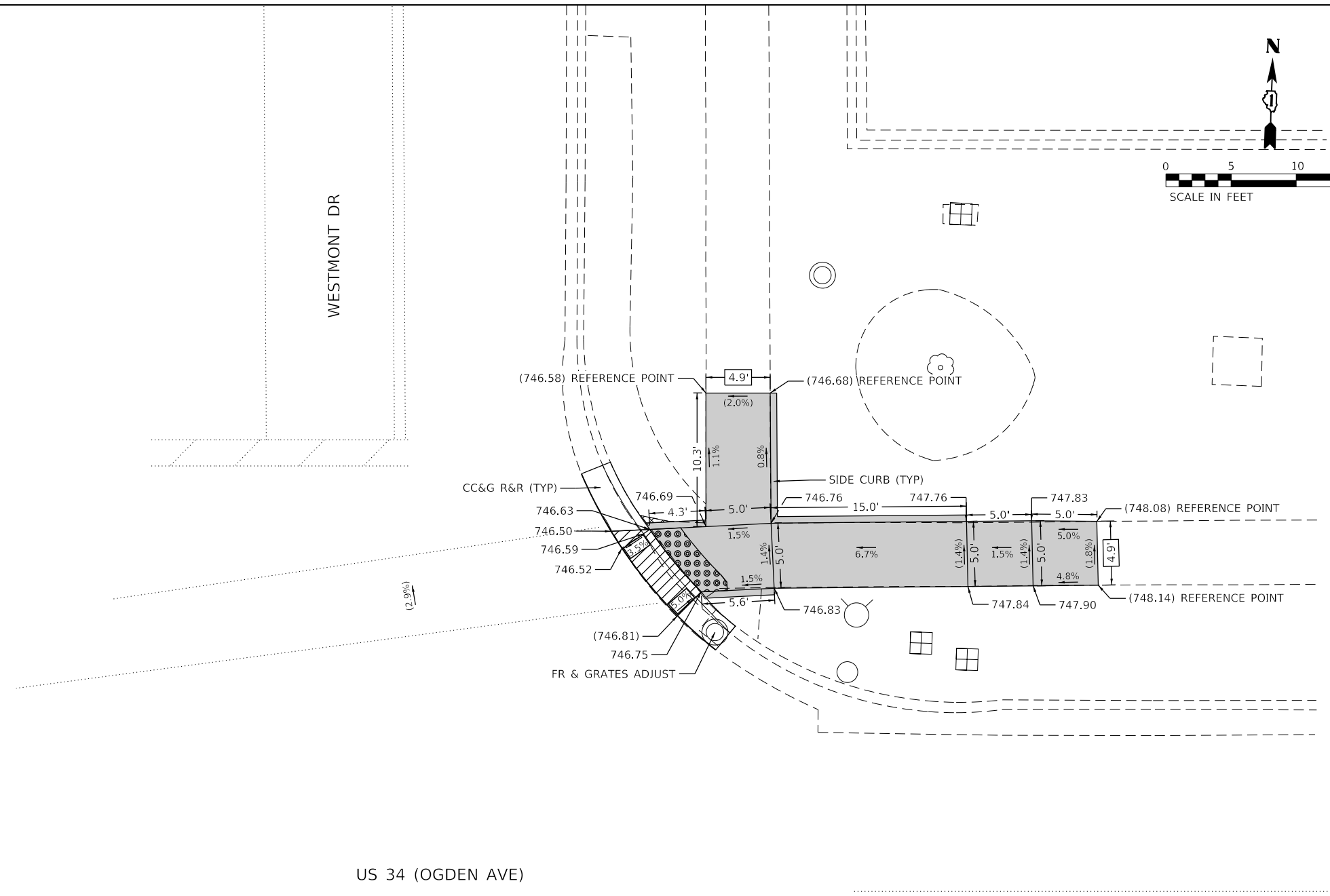
**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT RICHMOND AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	70
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	



WESTMONT DR



US 34 (OGDEN AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK 2001 EL 748.82 (NOT SHOWN)
 BENCHMARK: CROSS CUT ON NW FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND WOODSTOCK AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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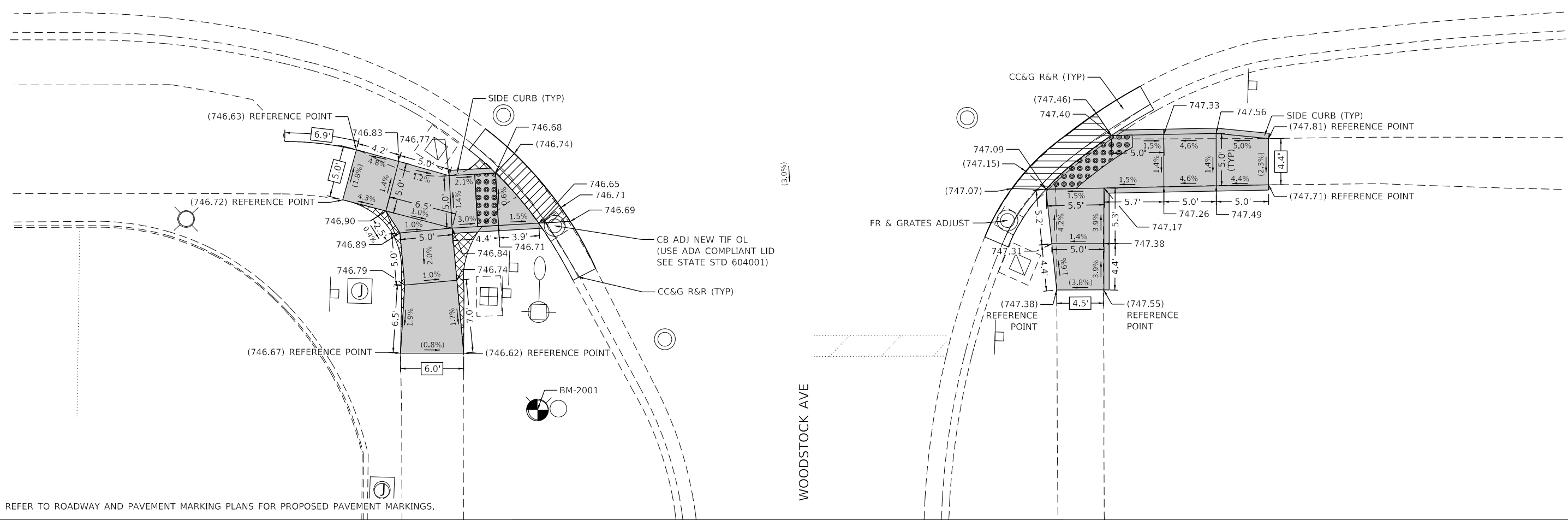
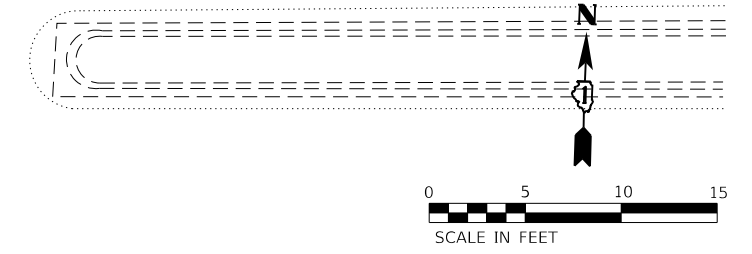
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
US 34 (OGDEN AVE) AT WESTMONT DR			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	71
CONTRACT NO. 62G62				
ILLINOIS		FED. AID PROJECT		

US 34 (OGDEN AVE)



REFERENCE BENCHMARK 2001 EL 748.82
 BENCHMARK: CROSS CUT ON NW FH FLANGE BOLT
 LOCATION: SW COR US 34 (OGDEN AVE) AND WOODSTOCK AVE

LEGEND

XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey Box]	PROPOSED SIDEWALK
[Grid Pattern Box]	DETECTABLE WARNINGS
[Cross-hatch Pattern Box]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern Box]	DEPRESSED CURB AND GUTTER

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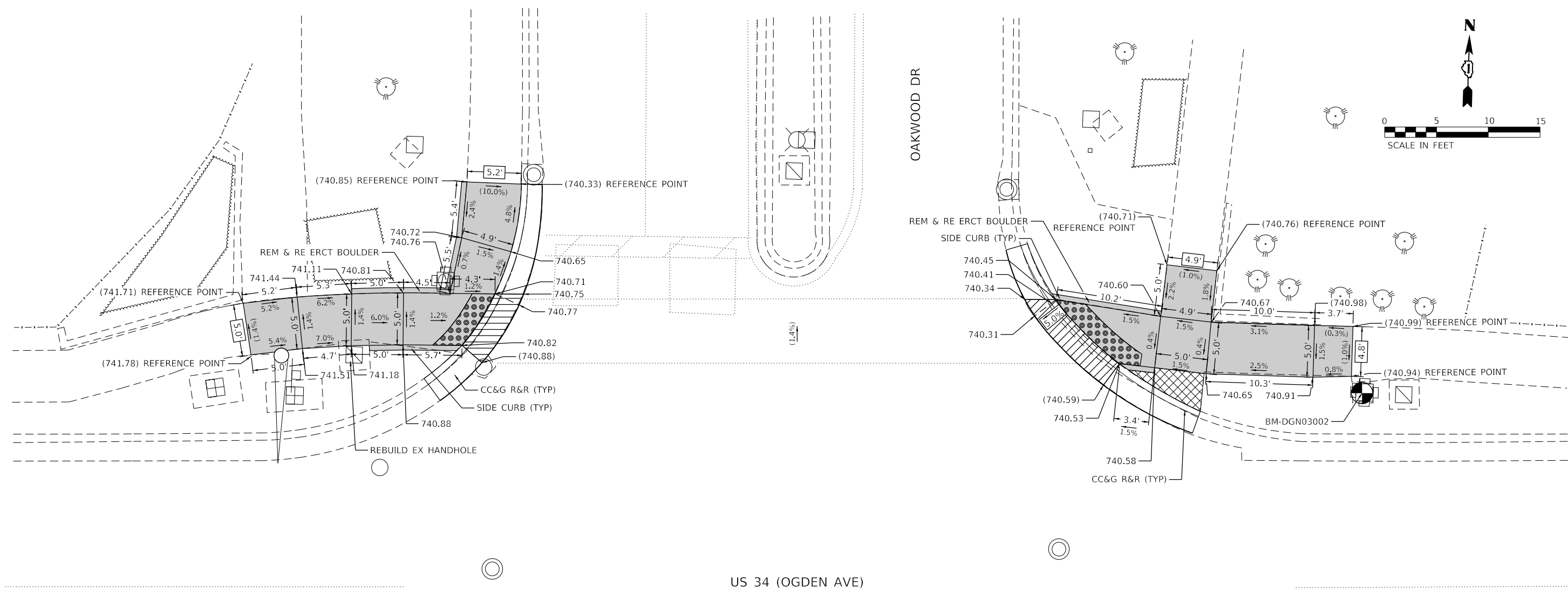
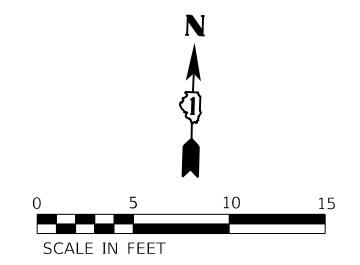
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 US 34 (OGDEN AVE) AT WOODSTOCK AVE**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DUPAGE	108	72
CONTRACT NO. 62G62			ILLINOIS FED. AID PROJECT	



US 34 (OGDEN AVE)

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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

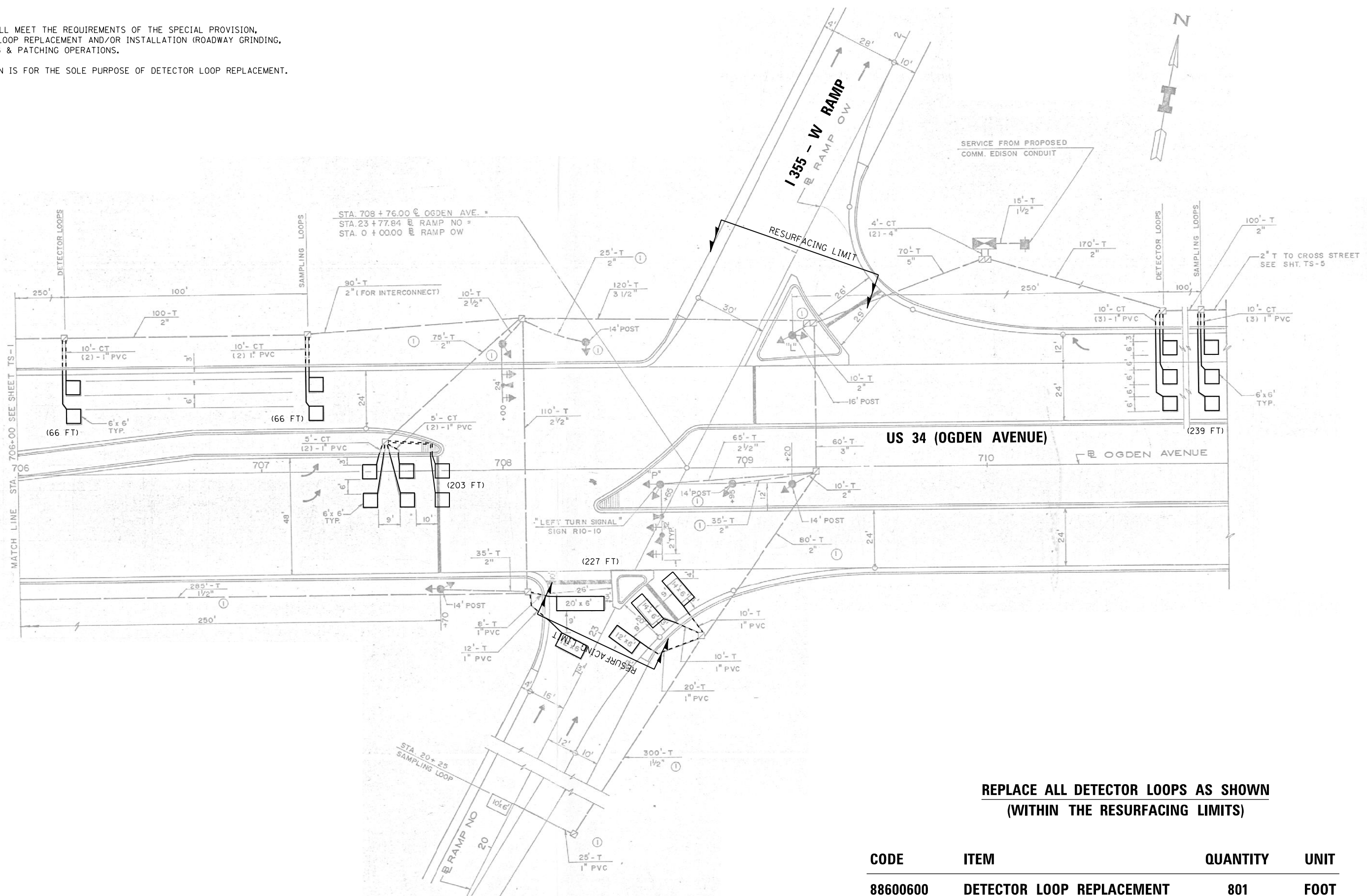
XX.XX'	EXISTING LENGTH
()	EXISTING ELEVATION / SLOPE
[Solid Grey]	PROPOSED SIDEWALK
[Dotted Pattern]	DETECTABLE WARNINGS
[Cross-hatch Pattern]	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
[Diagonal Line Pattern]	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK DGN03002 EL 740.95
 BENCHMARK: 4" BRONZE DISK IN CONC TS BASE
 LOCATION: NE COR US 34 (OGDEN AVE) AND OAKWOOD DR

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PLOT SCALE = 10.0000' / in.	DATE - 12/5/2018	REVISED -																																	
PLOT DATE = 12/10/2018																																			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																															
311	2018-028-R5-SW	DUPAGE	108	73																															
CONTRACT NO. 62G62																																			
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.



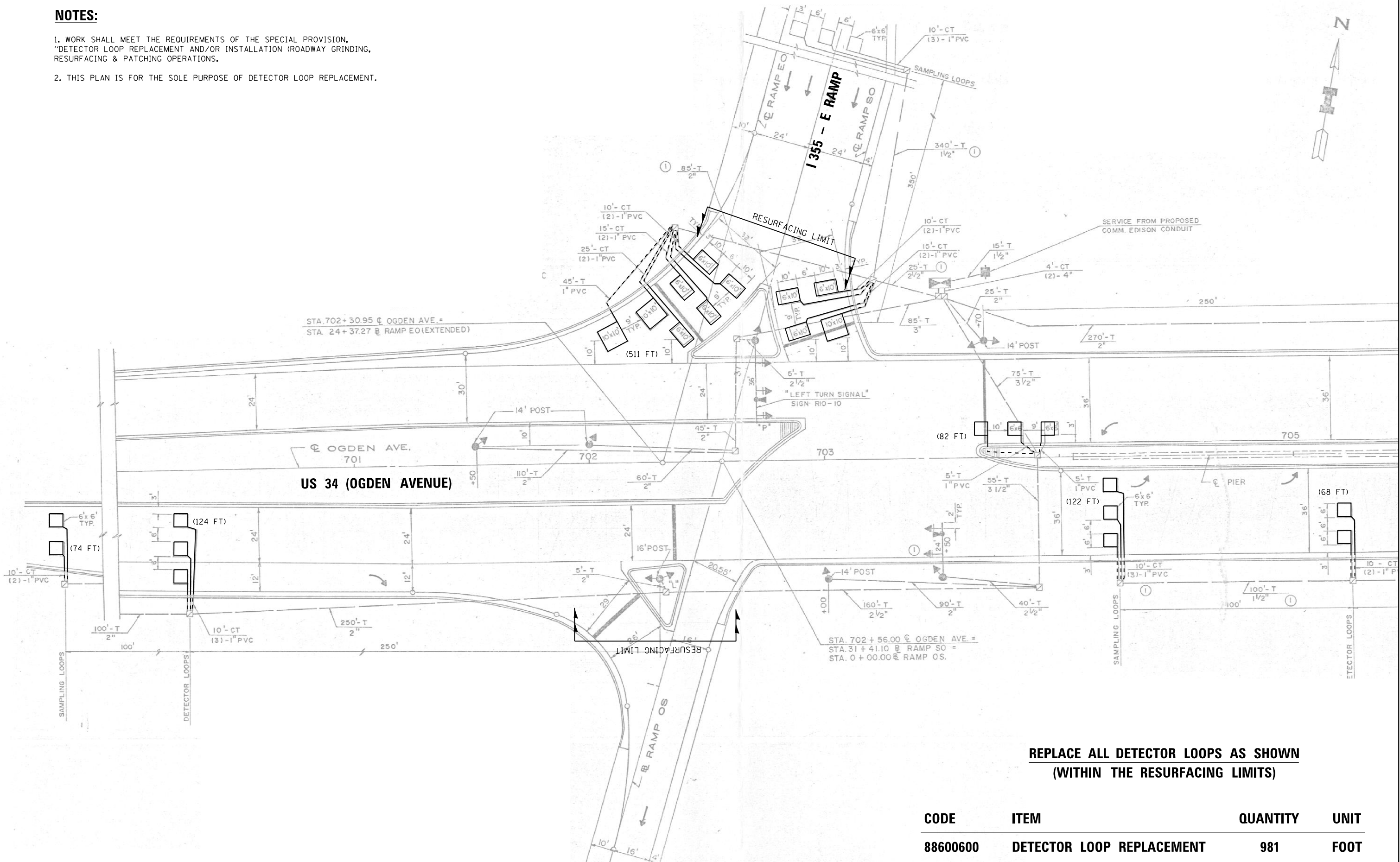
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	801	FOOT

FILE NAME = 62G62 - US 34 @ I 355 N S TLwy W Ramp	USER NAME = vargasa	DESIGNED - AV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US 34 AT I 355 N S TLwy W RAMP	F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 74		
Default	PLOT SCALE = 40.0169' / in.	CHECKED - LP	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8/21/2018	DATE - 08/21/2018	REVISED -									

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.



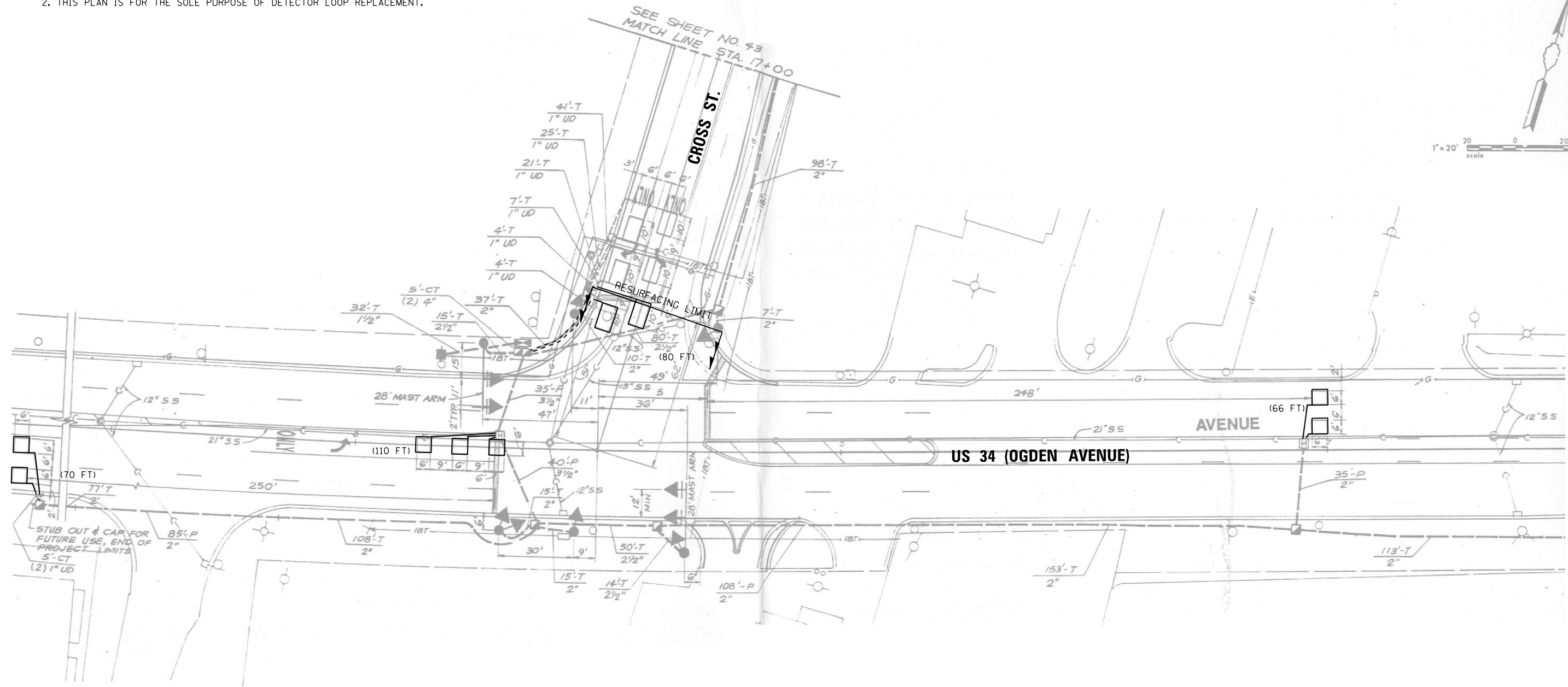
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	981	FOOT

FILE NAME = 62062 -US 34 @ I 355 N S TLWY E Ramp.dgn	USER NAME = vargosa	DESIGNED - AV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US 34 AT I 355 N S TLWY E RAMP	F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 75	
Default	PLOT SCALE = 40.0614 1/4" = 1'	CHECKED - LP	REVISED -			CONTRACT NO. 62G62					
	PLOT DATE = 8/21/2018	DATE - 08/21/2018	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.



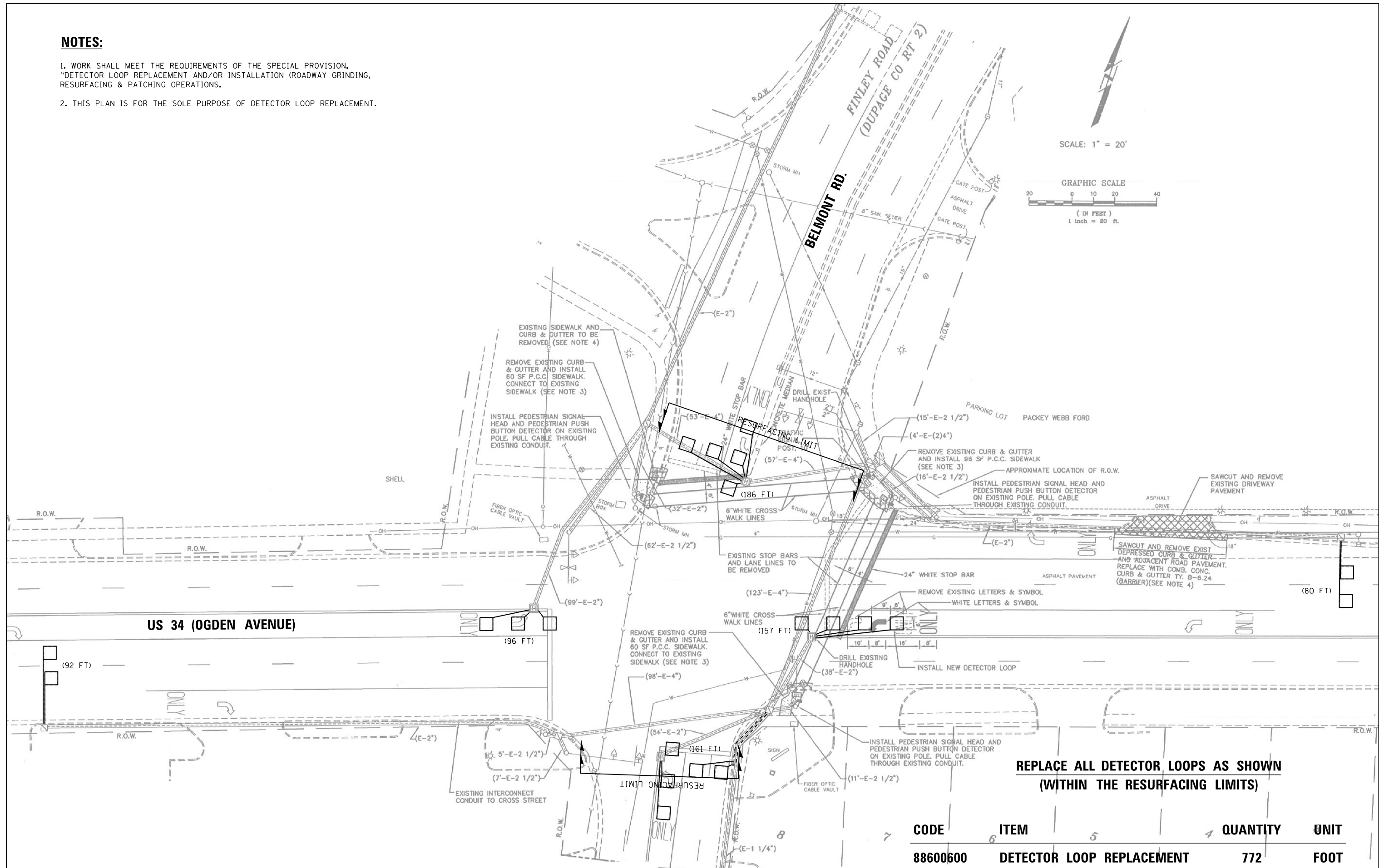
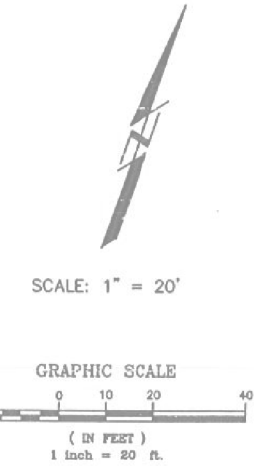
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	326	FOOT

FILE NAME = 62062 -US 34 @ Cross St .dgn	USER NAME = vargaso	DESIGNED - AV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US 34 (OGDEN AVE.) AT CROSS ST.	F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 76	
Default	PLOT SCALE = 40.0020' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62G62					
	PLOT DATE = 8/22/2018	DATE - 08/22/2018	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	772	FOOT

FILE NAME = 62062 -US 34 @ Belmont Rd.dgn	USER NAME = vargosa	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
		CHECKED - LP	REVISED -
		DATE - 08/22/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

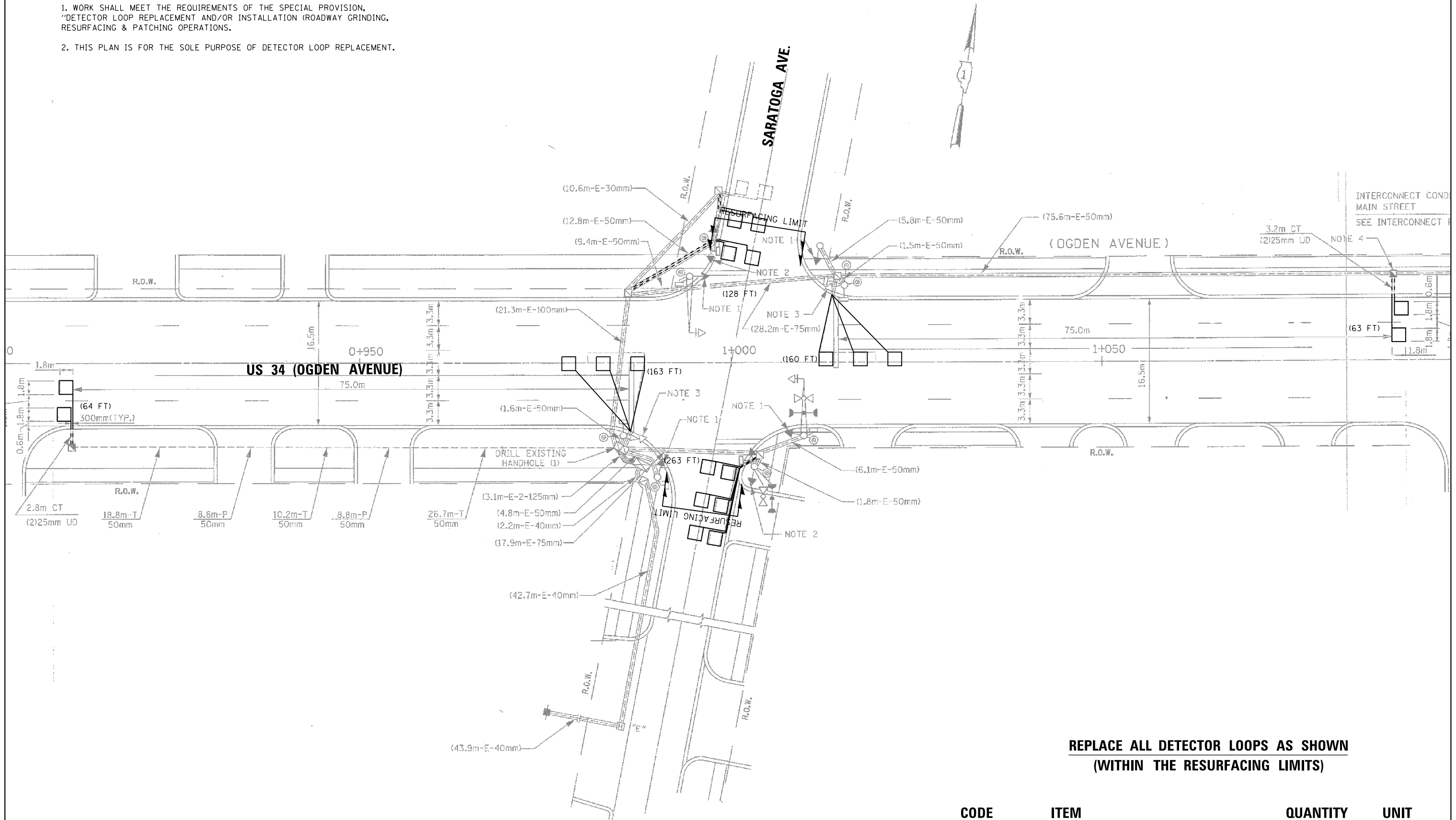
**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT BELMONT RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 77
CONTRACT NO. 62G62				
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.



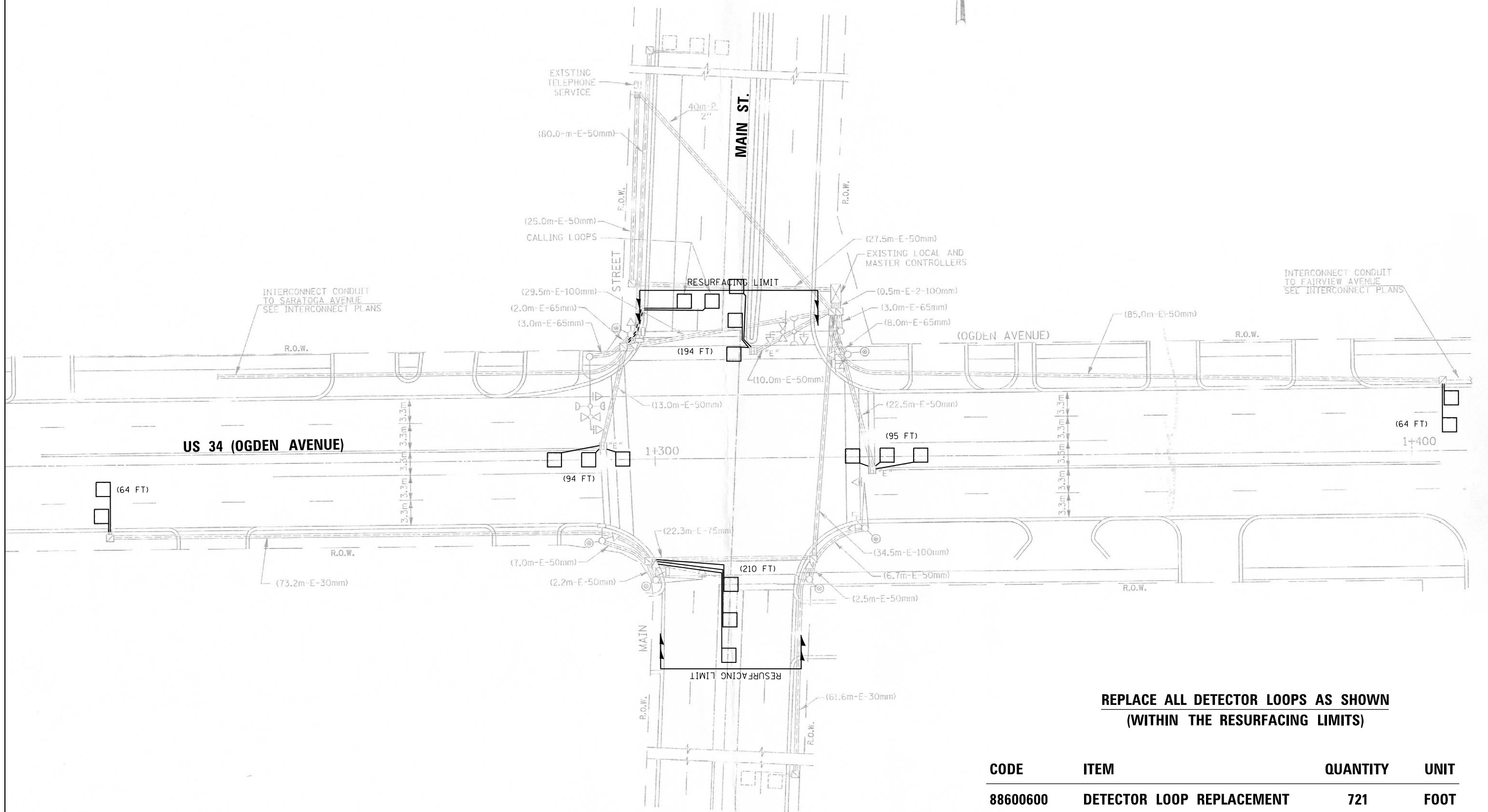
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	841	FOOT

FILE NAME = 62062 -US 34 @ Saratoga Ave.dgn	USER NAME = vargasa	DESIGNED - AV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US 34 (OGDEN AVE.) AT SARATOGA AVE.	F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 78	
Default	PLOT SCALE = 40.0626 / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62G62					
	PLOT DATE = 10/4/2018	DATE - 08/22/2018	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.



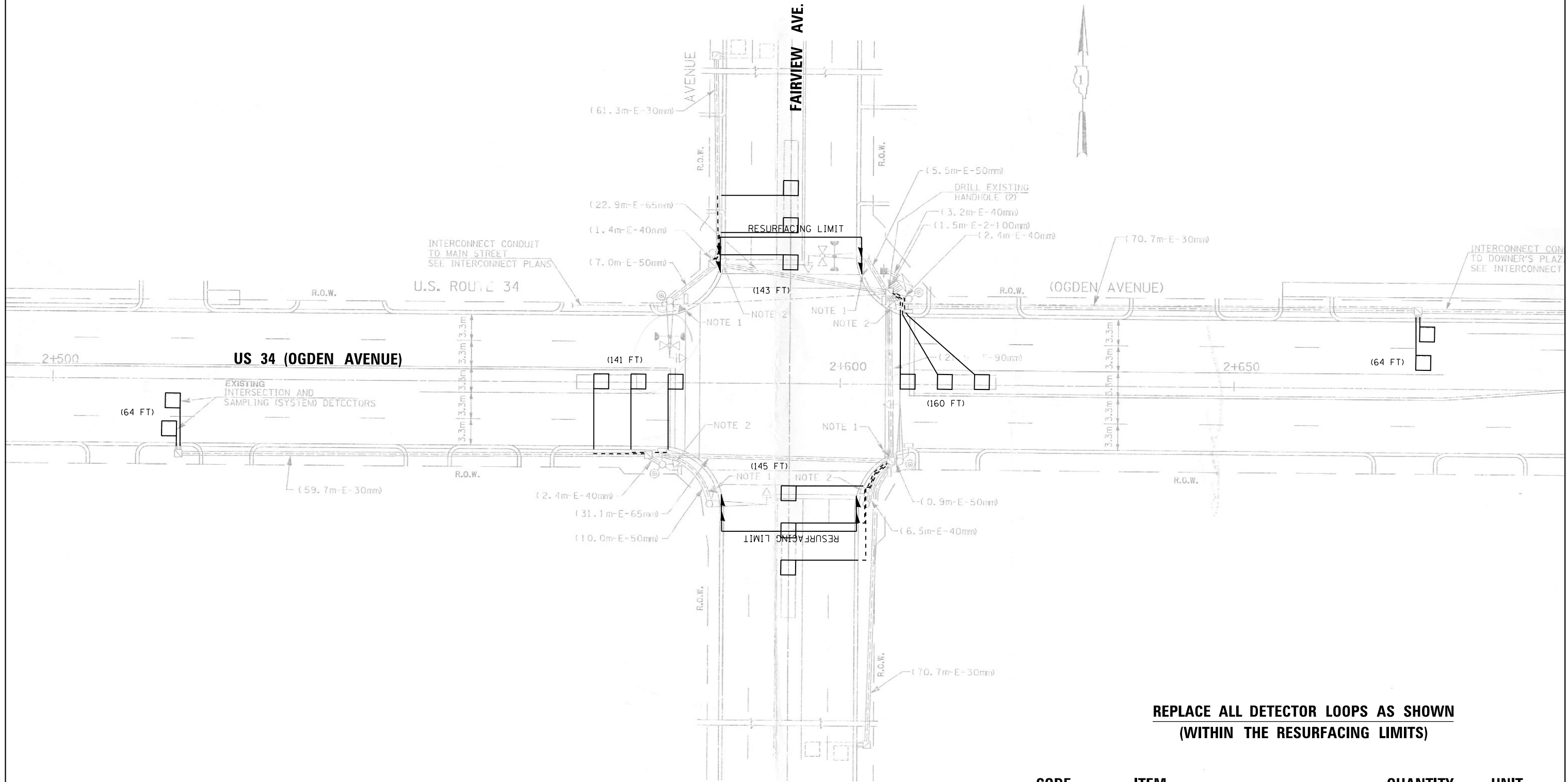
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	721	FOOT

FILE NAME = 62062 -US 34 @ Main St.dgn	USER NAME = vargosa	DESIGNED - AV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US 34 (OGDEN AVE.) AT MAIN ST.	F.A.P. RTE. 311	SECTION 2018-028-R5-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 79
Default	PLOT SCALE = 40.0766' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62G62				
	PLOT DATE = 11/29/2018	DATE - 08/22/2018	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.



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	717	FOOT

FILE NAME = 62062 -US 34 @ Fairview Ave.dgn	USER NAME = vargoso	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
		CHECKED - LP	REVISED -
		DATE - 08/22/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT FAIRVIEW AVE.**

F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY	TOTAL SHEETS 108	SHEET NO. 80
CONTRACT NO. 62G62				
ILLINOIS FED. AID PROJECT				

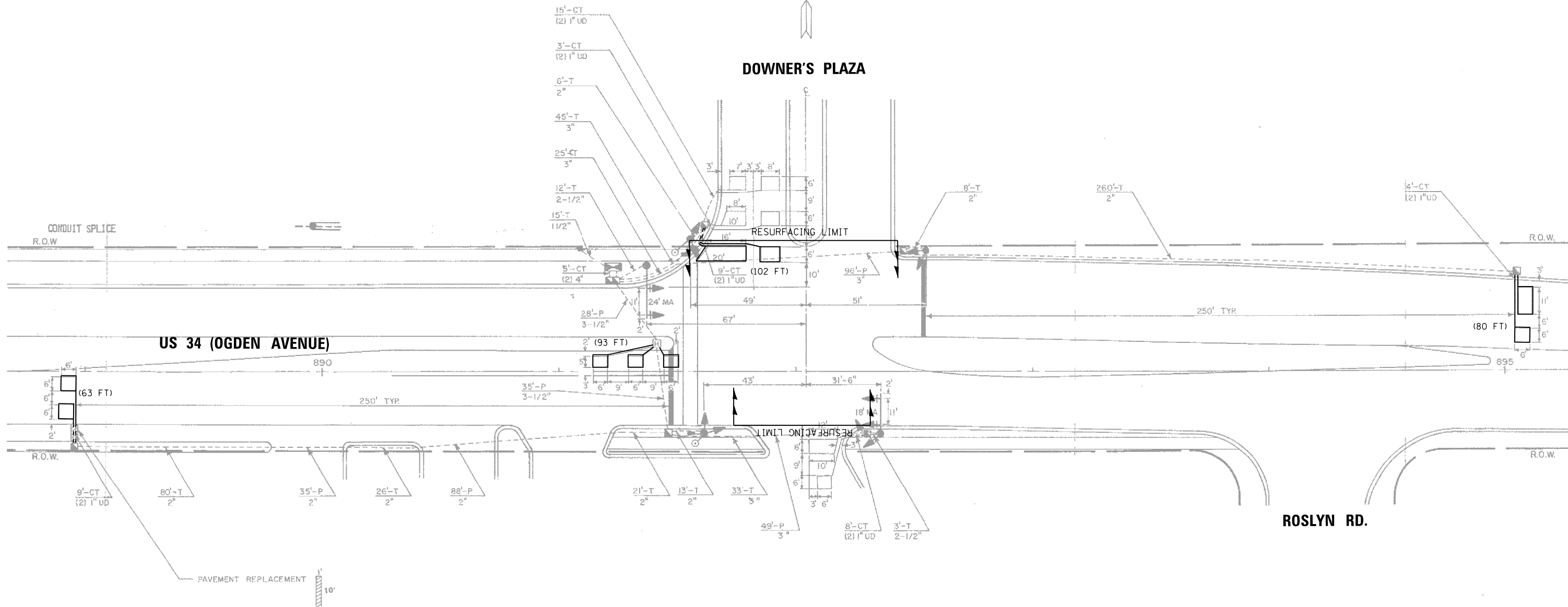
SCALE: SHEET OF SHEETS STA. TO STA.

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.



DOWNER'S PLAZA



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	338	FOOT

FILE NAME = 62062 -US 34 @ Downer's Plaza.dgn	USER NAME = vargaso	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
	PLOT SCALE = 40.0029' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 8/22/2018	DATE - 08/22/2018	REVISED -

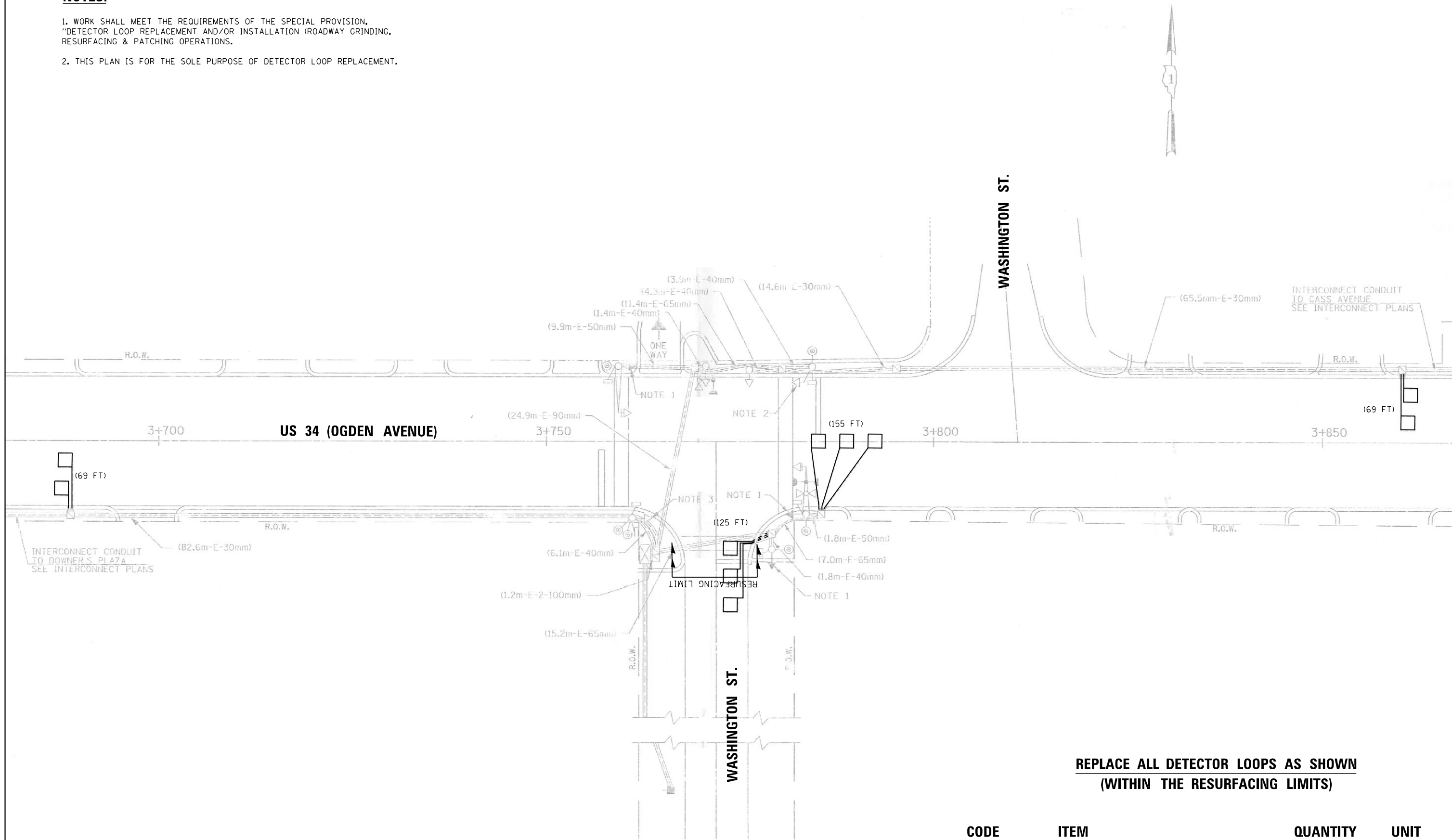
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
US 34 (OGDEN AVE.) AT DOWNER'S PLAZA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 81
CONTRACT NO. 62G62				
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	418	FOOT

FILE NAME = 62062 -US 34 @ Washington St.dgn	USER NAME = vargaso	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
	PLOT SCALE = 40.0053' / in.	CHECKED - LP	REVISED -
Default	PLOT DATE = 8/23/2018	DATE - 08/23/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

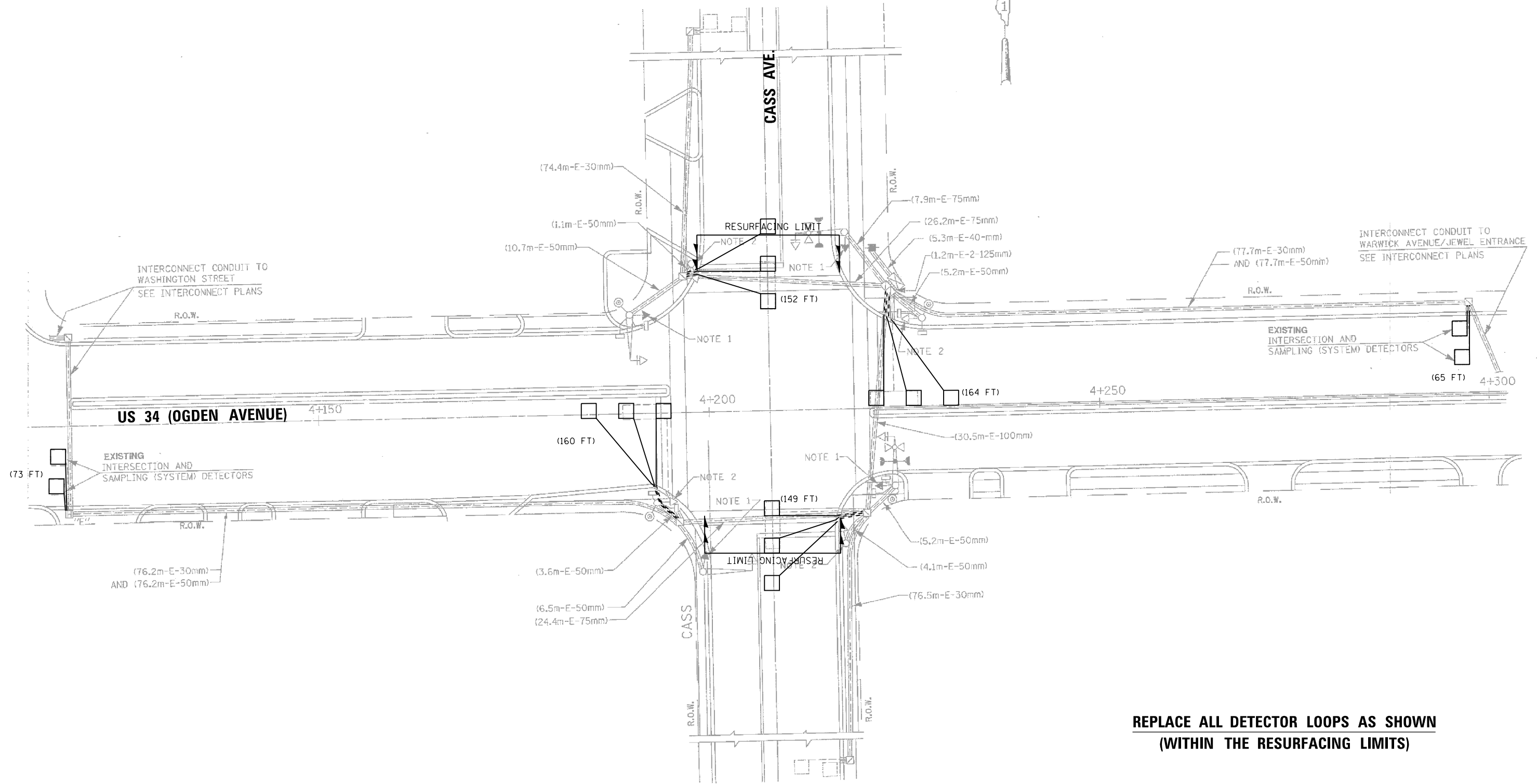
**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT WASHINGTON ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-RS-SW	DUPAGE	108	82
CONTRACT NO. 62G62				
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	763	FOOT

FILE NAME = 62062 -US 34 @ Cass Ave.dgn	USER NAME = vargaso	DESIGNED - AV	REVISED -
Default	PLOT SCALE = 40.0005' / in.	DRAWN - AV	REVISED -
	PLOT DATE = 8/23/2018	CHECKED - LP	REVISED -
		DATE - 08/23/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

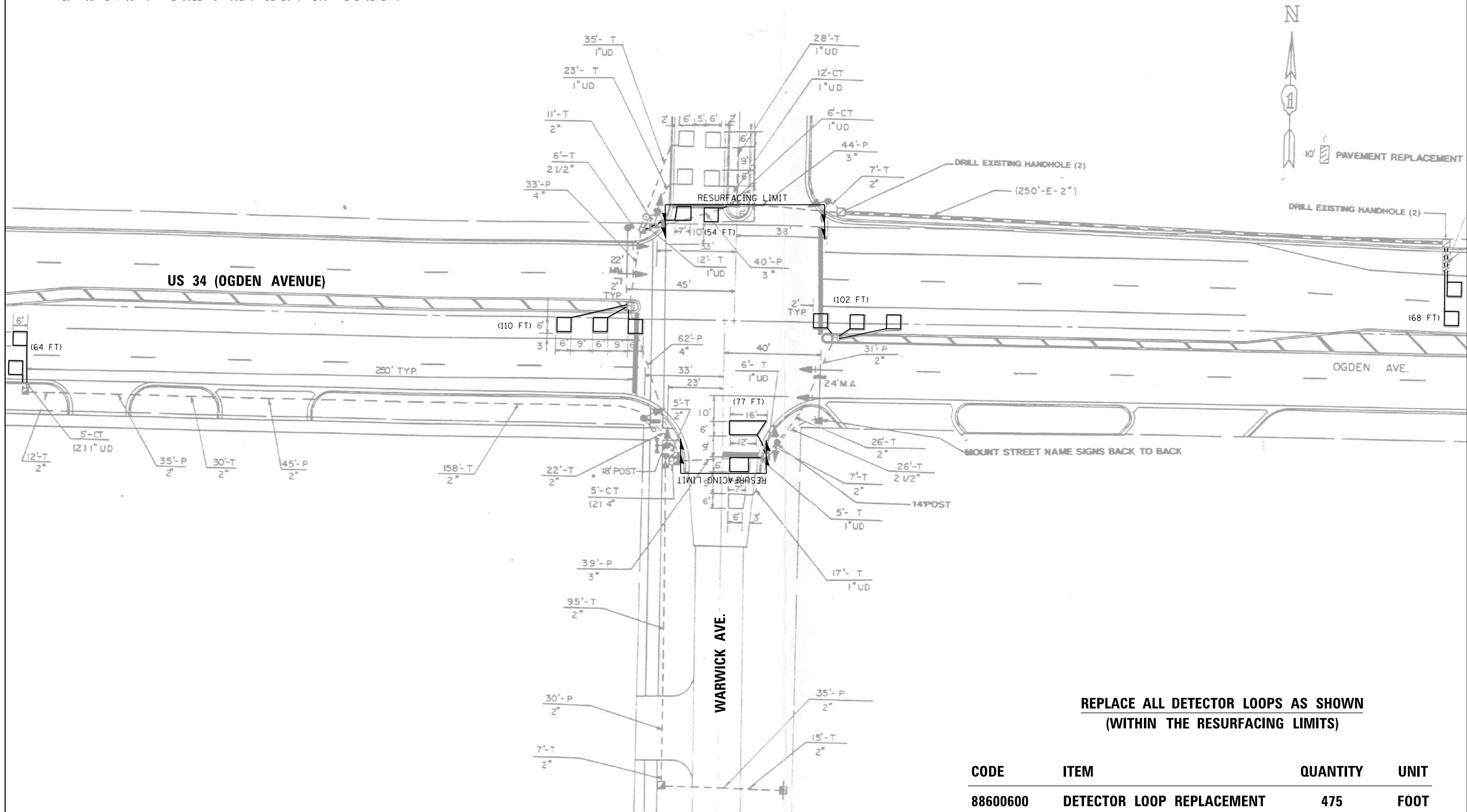
**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT CASS AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-RS-SW	DUPAGE	108	83
CONTRACT NO. 62G62				
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.



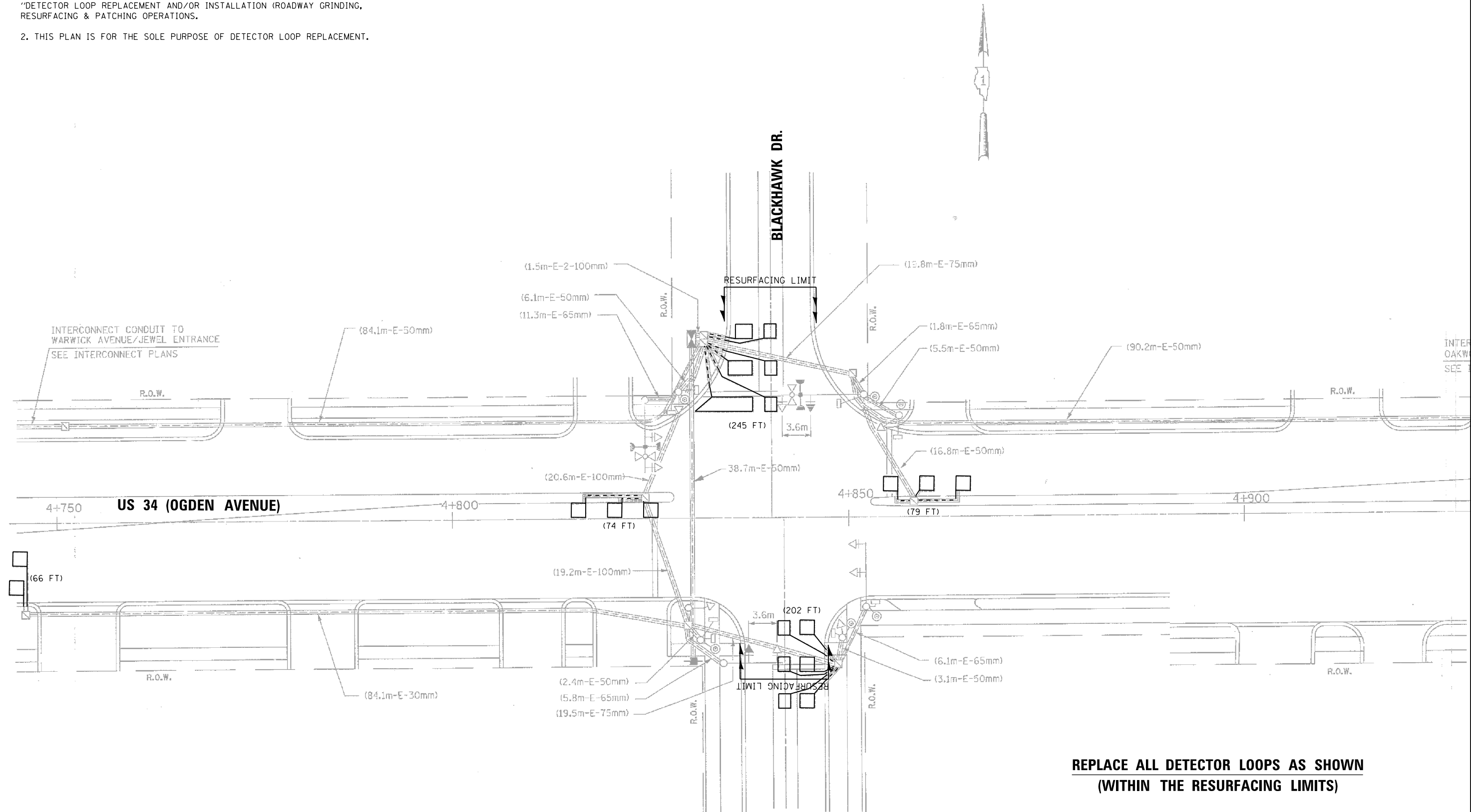
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	475	FOOT

FILE NAME = 62062 -US 34 @ Warwick Ave.dgn	USER NAME = vargaso	DESIGNED - AV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US 34 (OGDEN AVE.) AT WARWICK AVE.	F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 84	
Default	PLOT SCALE = 39.9984' / in.	CHECKED - LP	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 8/23/2018	DATE - 08/23/2018	REVISED -								
CONTRACT NO. 62G62											

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.



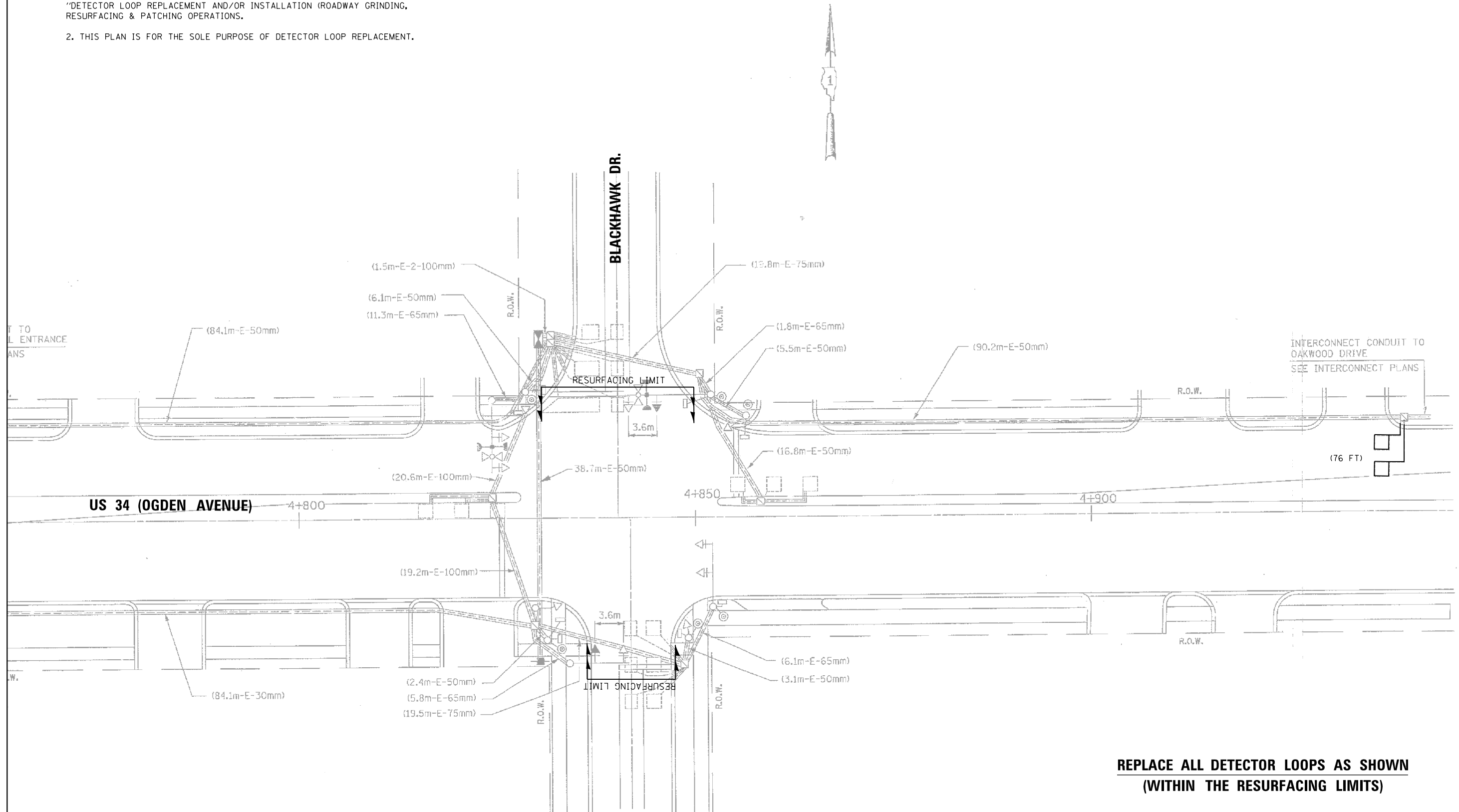
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	666	FOOT

FILE NAME = 62G62 -US 34 @ Blackhawk Dr.dgn	USER NAME = vargosa	DESIGNED - AV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN US 34 (OGDEN AVE.) AT BLACKHAWK DR.	F.A.P. RTE. 311	SECTION 2018-02B-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 85		
Default	PLOT SCALE = 40.0127' / in.	CHECKED - LP	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 10/4/2018	DATE - 08/23/2018	REVISED -									

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	76	FOOT

FILE NAME = 62062 -US 34 @ Blackhawk Dr 2.dgn	USER NAME = vargosa	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
		CHECKED - LP	REVISED -
		DATE - 08/23/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

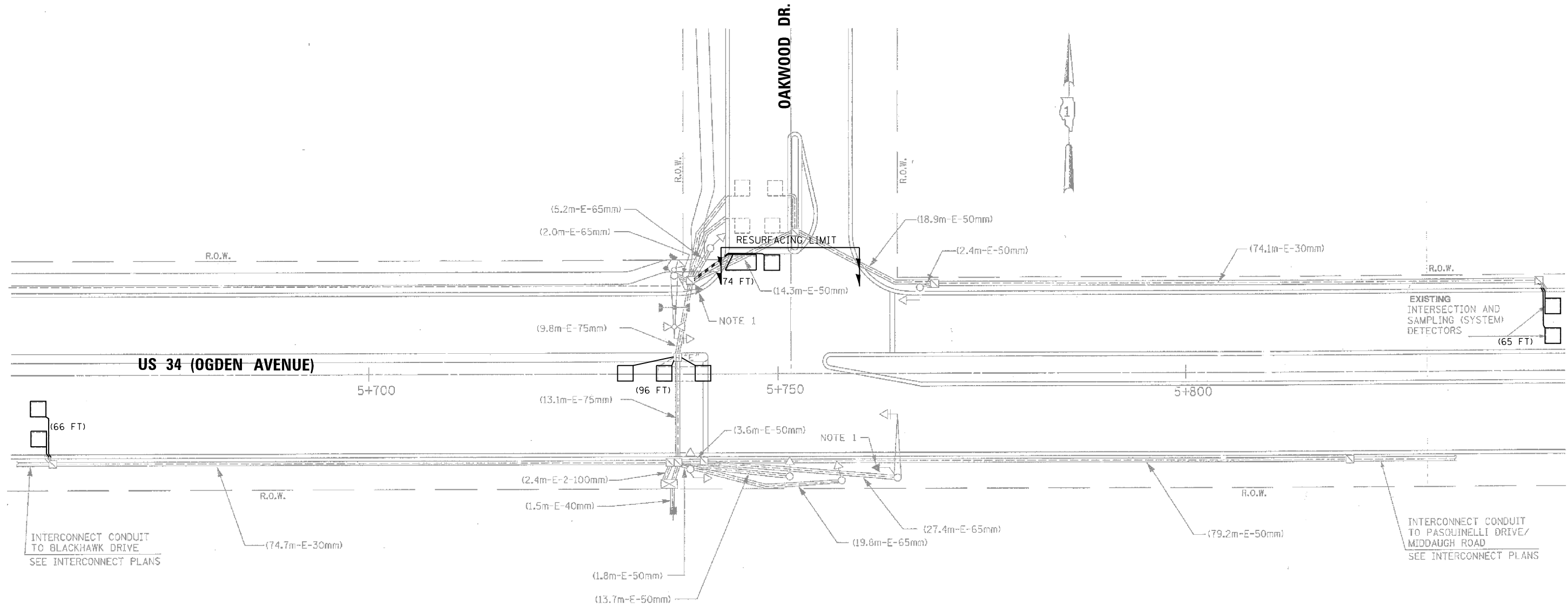
**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT BLACKHAWK DR.**

F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY	TOTAL SHEETS 108	SHEET NO. 86
			CONTRACT NO. 62G62	
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.



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	301	FOOT

FILE NAME = 62062 -US 34 @ Oakwood Dr.dgn	USER NAME = vargaso	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
	PLOT SCALE = 39.9987' / in.	CHECKED - LP	REVISED -
Default	PLOT DATE = 8/23/2018	DATE - 08/23/2018	REVISED -

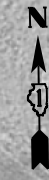
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT OAKWOOD DR.**

F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 87
CONTRACT NO. 62062				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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	143	FOOT

FILE NAME = 62062 -US 34 @ IL 83 East Ramps A & B	USER NAME = vargosa	DESIGNED - AV	REVISED -
	dgn	DRAWN - AV	REVISED -
	PLOT SCALE = 40.00'95" / in.	CHECKED - LP	REVISED -
Default	PLOT DATE = 10/4/2018	DATE - 08/28/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

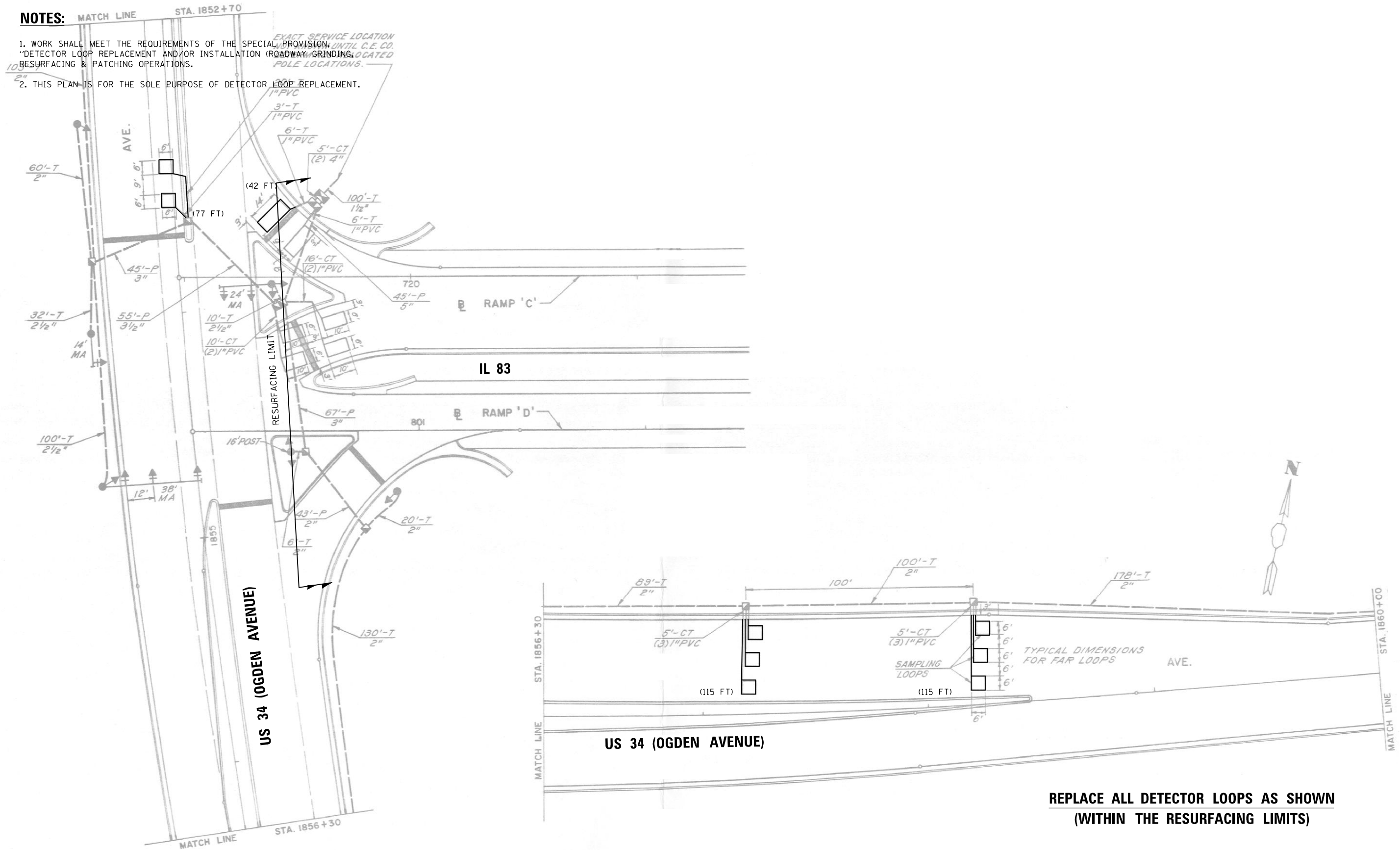
**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT IL 83 (EAST RAMPS A & B)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 89
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS FOR "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	349	FOOT

FILE NAME = 62062 -US 34 @ IL 83 East Ramps C & D	USER NAME = vargasa	DESIGNED - AV	REVISED -
	11.dgn	DRAWN - AV	REVISED -
	PLOT SCALE = 40.1086' / in.	CHECKED - LP	REVISED -
Default	PLOT DATE = 8/27/2018	DATE - 08/27/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

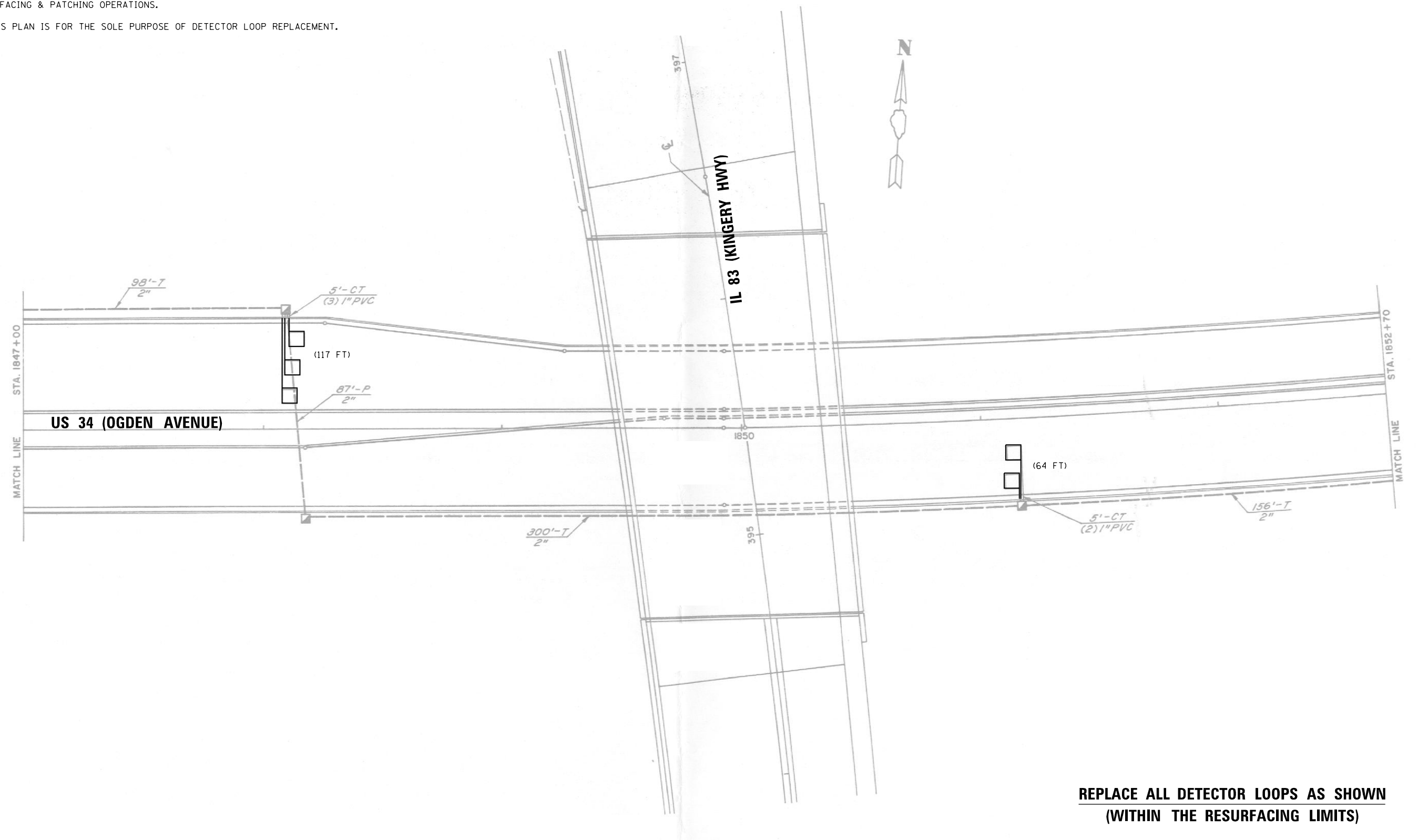
**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT IL 83 (EAST RAMPS C & D)**

F.A.P. RTE. 311	SECTION 2018-028-RS-SW	COUNTY DUPAGE	TOTAL SHEETS 108	SHEET NO. 90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62G62	

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.



CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	181	FOOT

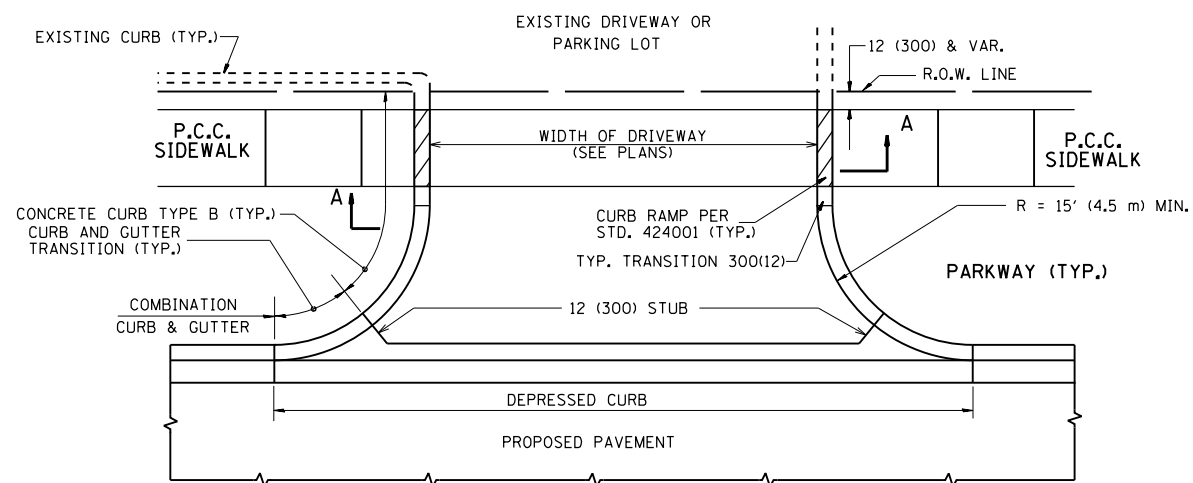
FILE NAME = 62062 -US 34 @ IL 83 East Ramps C & D	USER NAME = vargaso	DESIGNED - AV	REVISED -
	2).dgn	DRAWN - AV	REVISED -
	PLOT SCALE = 40.0003' / in.	CHECKED - LP	REVISED -
Default	PLOT DATE = 8/27/2018	DATE - 08/27/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

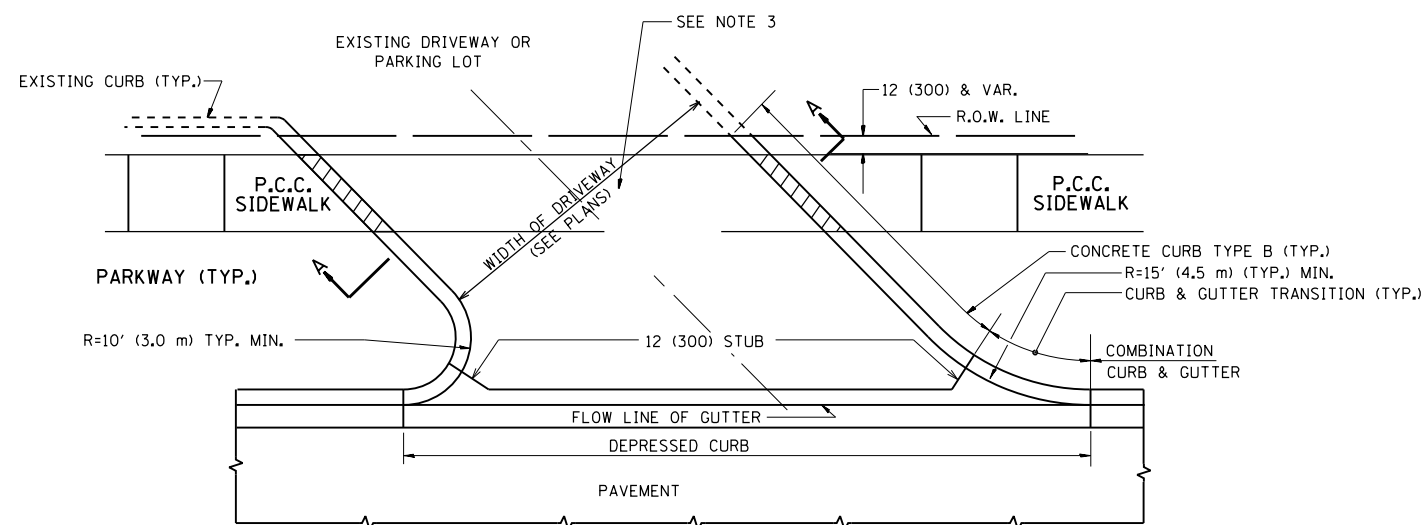
**DETECTOR LOOP REPLACEMENT PLAN
US 34 (OGDEN AVE.) AT IL 83**

SCALE: SHEET OF SHEETS STA. TO STA.

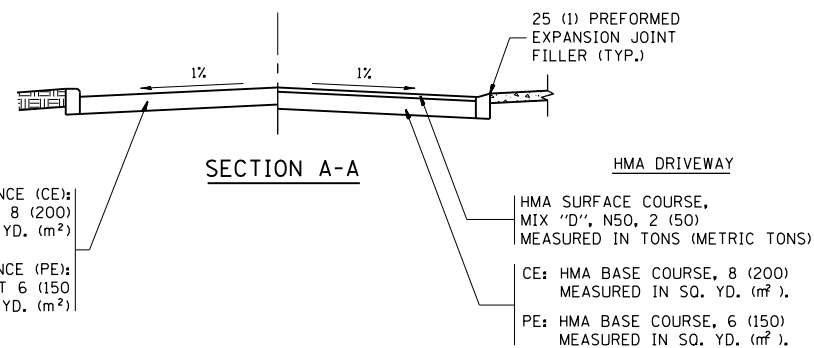
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-RS-SW	DUPAGE	108	91
CONTRACT NO. 62062				
ILLINOIS FED. AID PROJECT				



WITH CONCRETE CURB, TYPE B

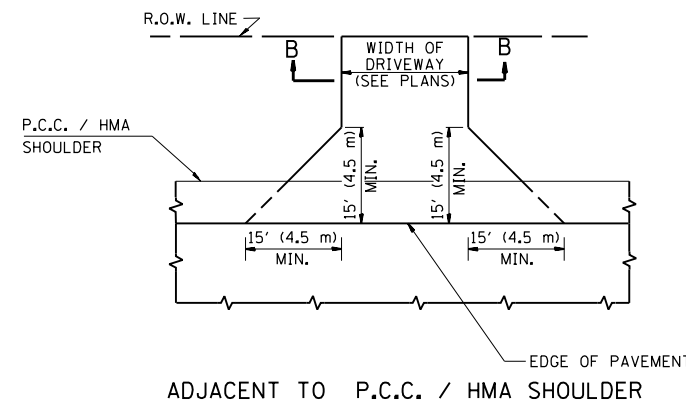


WITH CONCRETE CURB, TYPE B

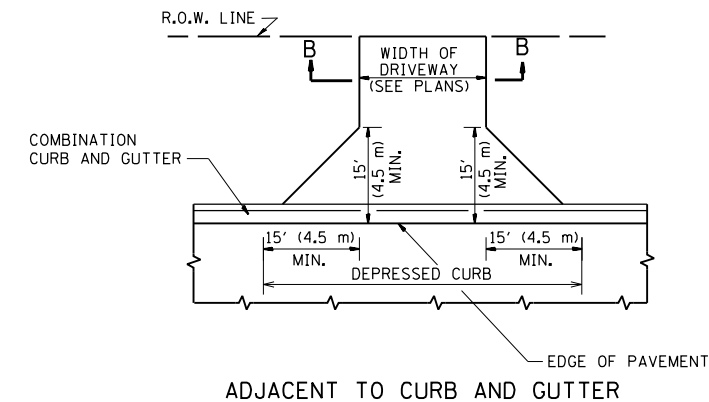


RIGID DRIVEWAY
 COMMERCIAL ENTRANCE (CE):
 P.C.C. DRIVEWAY PAVEMENT 8 (200)
 MEASURED IN SQ. YD. (m²)
 NON-COMMERCIAL ENTRANCE (PE):
 P.C.C. DRIVEWAY PAVEMENT 6 (150)
 MEASURED IN SQ. YD. (m²)

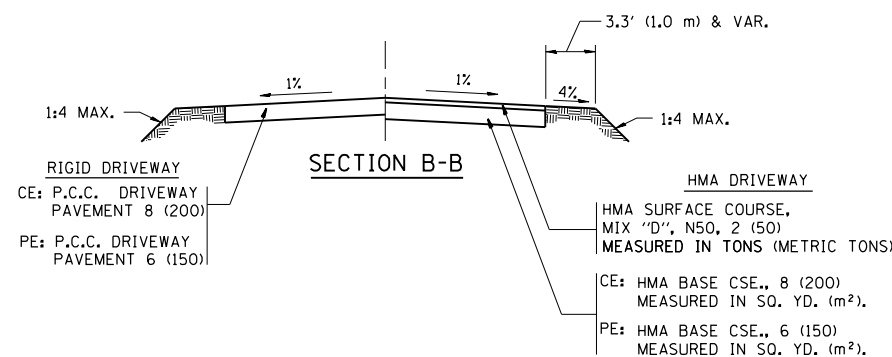
HMA DRIVEWAY
 HMA SURFACE COURSE,
 MIX "D", N50, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 CE: HMA BASE COURSE, 8 (200)
 MEASURED IN SQ. YD. (m²),
 PE: HMA BASE COURSE, 6 (150)
 MEASURED IN SQ. YD. (m²).



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

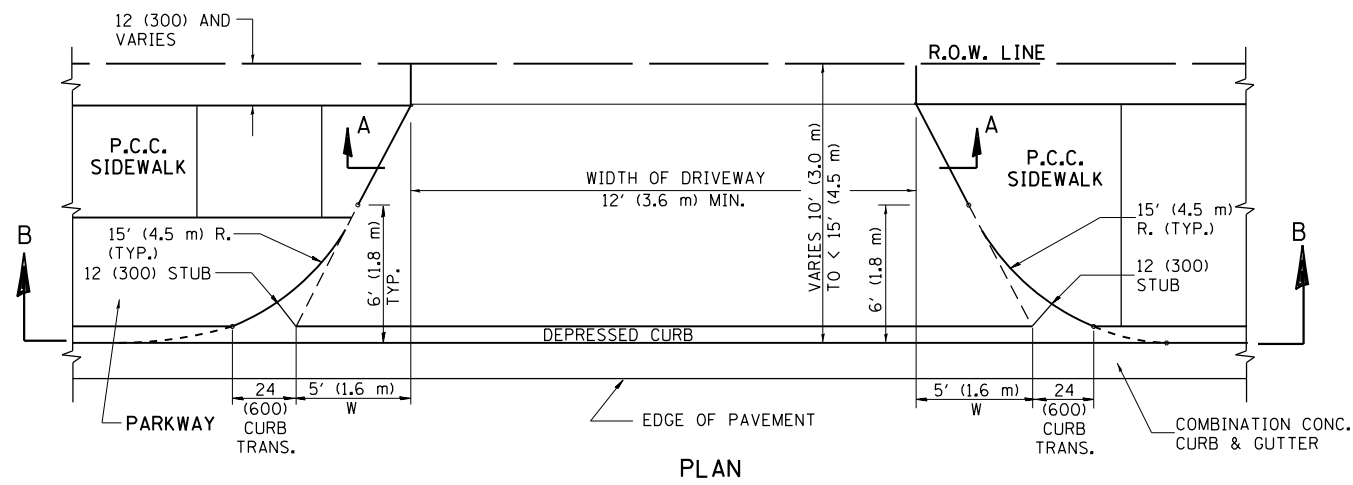
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME =	USER NAME = Velichkovv	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
pw\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI323\DRW\1\084EBIDINTEG.DistStd.dgn		CHECKED -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1"	DATE - 11-04-95	REVISED - R. BORO 06-11-08
	PLOT DATE = 12/11/2018		REVISED - R. BORO 09-06-11

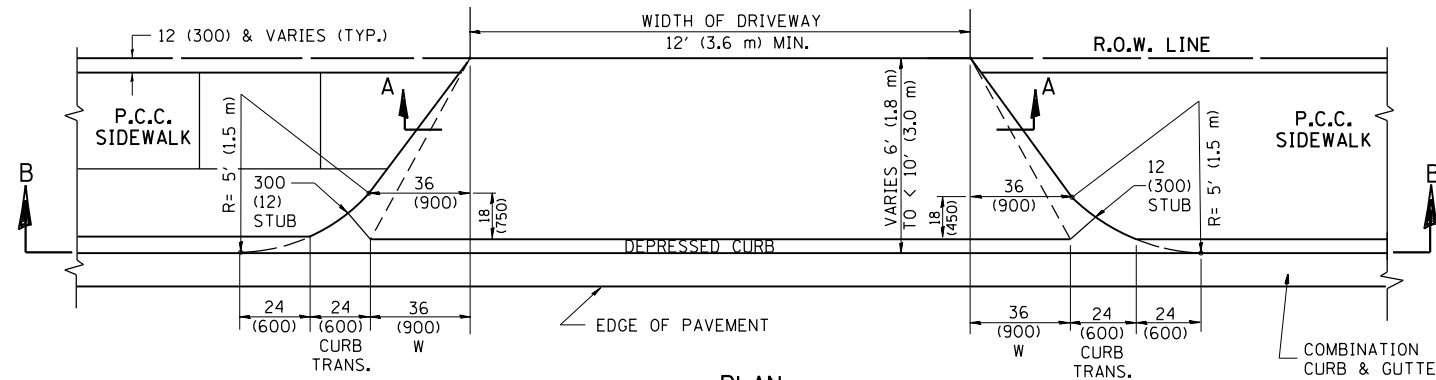
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

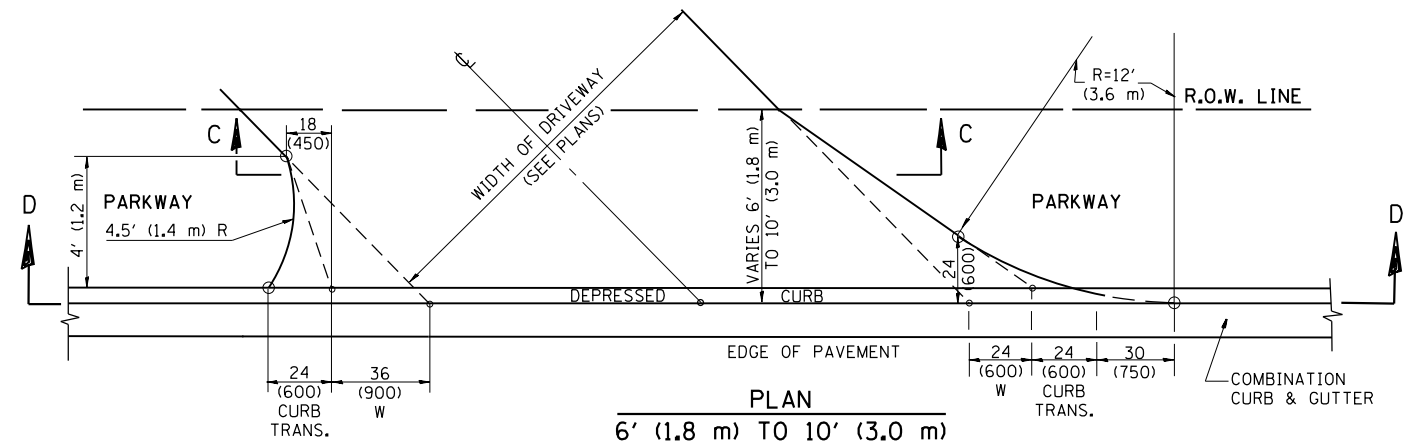
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	92
BD0156-07 (BD-01)			CONTRACT NO. 62G62	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



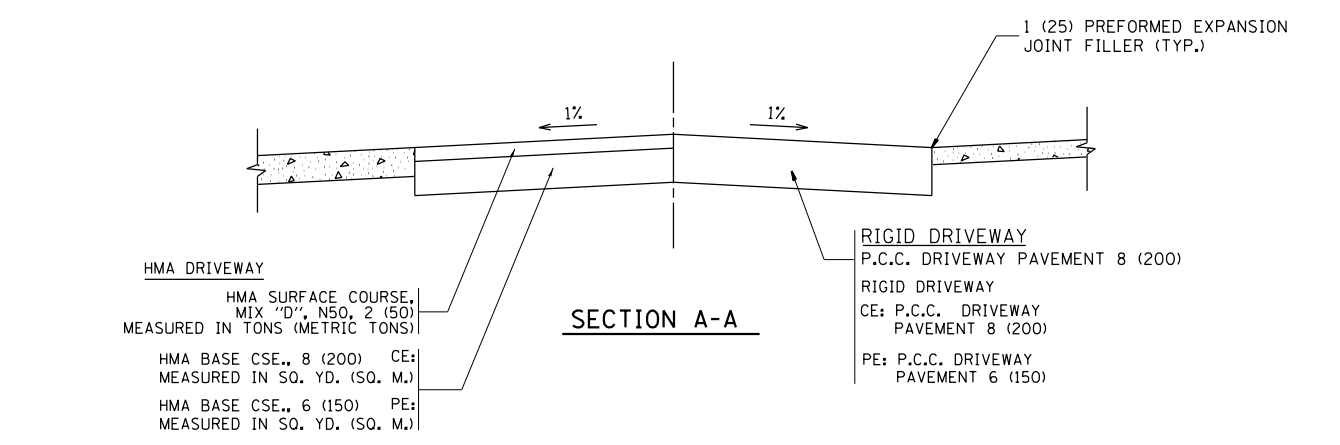
PLAN
10' (3.0 m) TO < 15' (4.5 m)



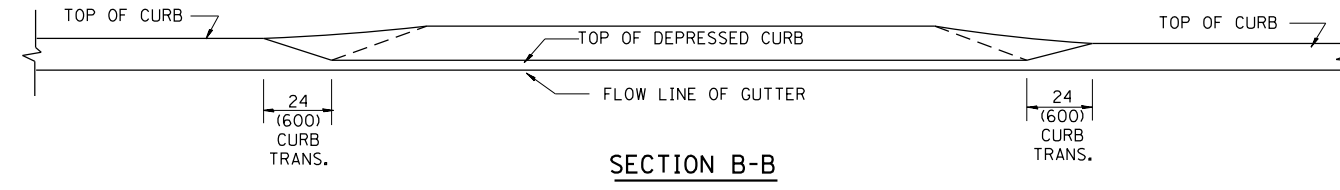
PLAN
6' (1.8 m) TO < 10' (3.0 m)



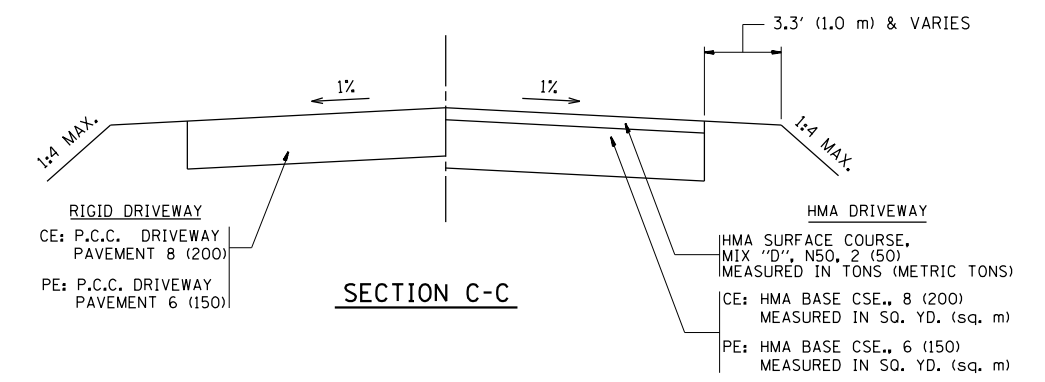
PLAN
6' (1.8 m) TO 10' (3.0 m)



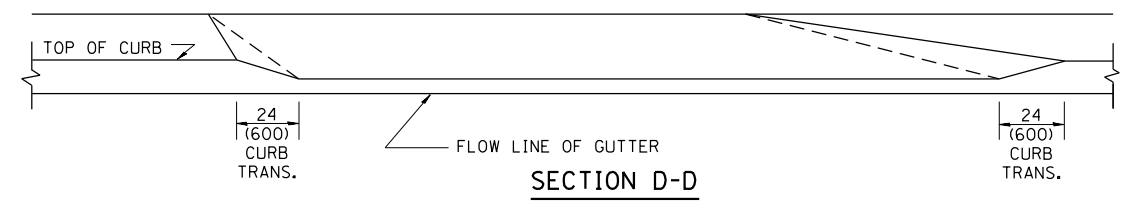
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

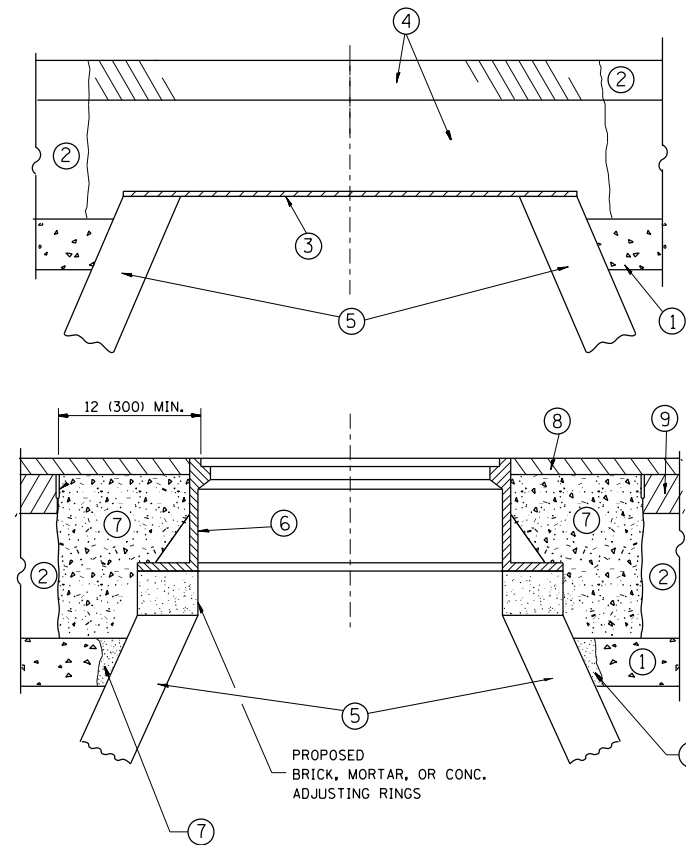
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = Velichkovv	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI323\DRW\10\Design\DistStd.dgn		CHECKED -	REVISED - P. LoFLEUR 04-15-03
		DATE - 11-06-95	REVISED - R. BORO 01-01-07
			REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS	
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	93
BD400-02 (BD-02)			CONTRACT NO. 62G62	
FED. ROAD DIST. NO. 1 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

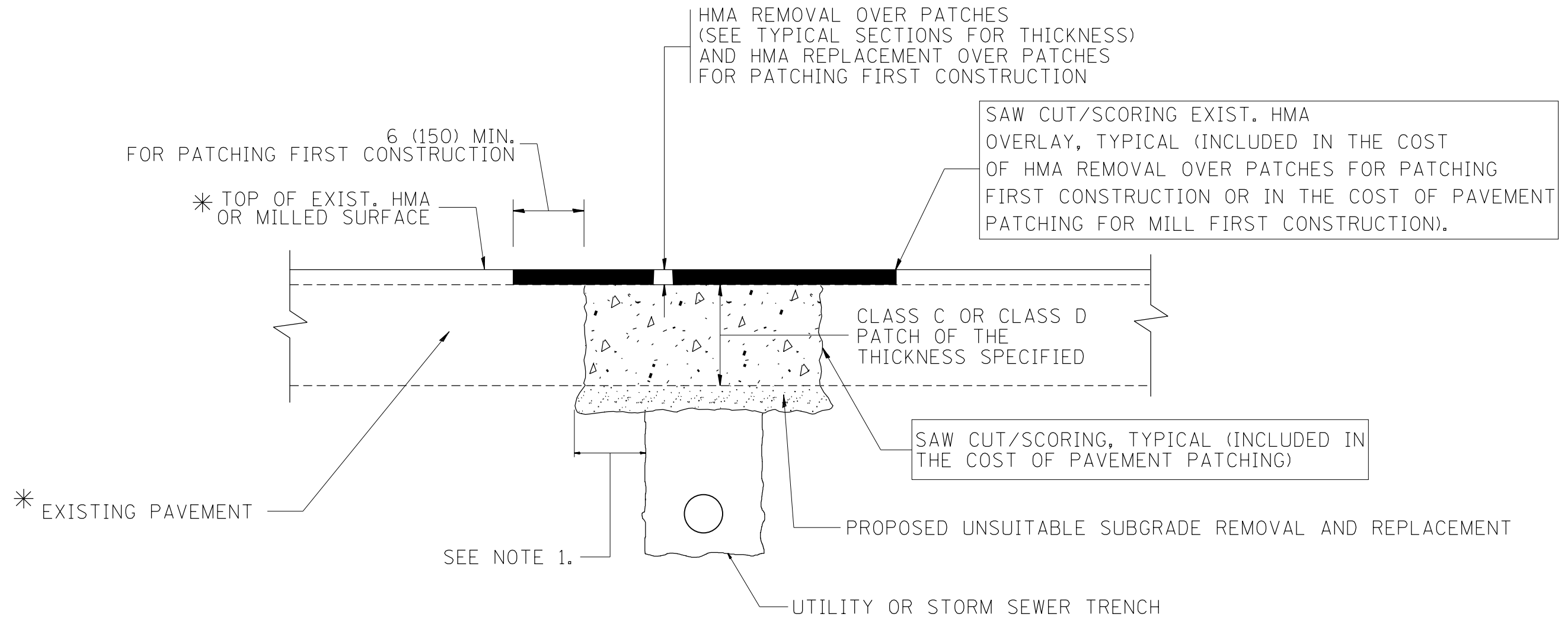
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = Velichkovv	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI3230\Drawings\Design\DistStd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/11/2018	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.
311	2018-028-R5-SW	DuPAGE	108	94
BD600-03 (BD-8)			CONTRACT NO. 62G62	
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.

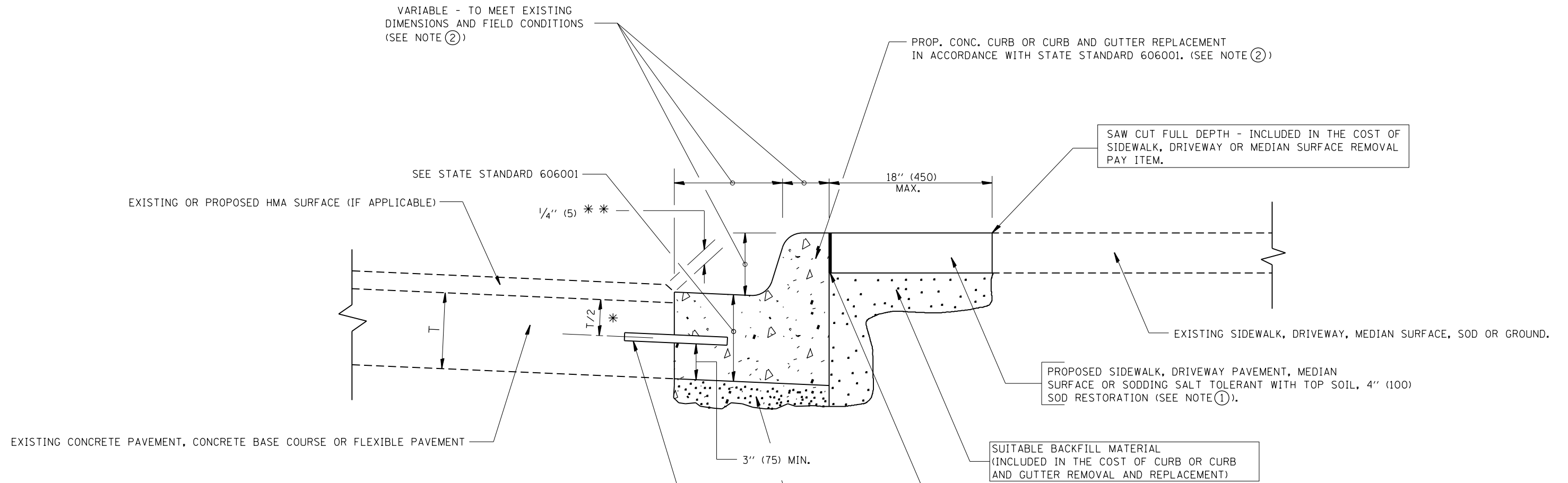
FILE NAME =	USER NAME = Velichkovv	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
pw\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI323\BROWNA\Design\DistStd.dgn			REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 12/11/2018	DATE - 10-25-94	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	95
BD400-04 (BD-22)		CONTRACT NO. 62G62		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

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

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

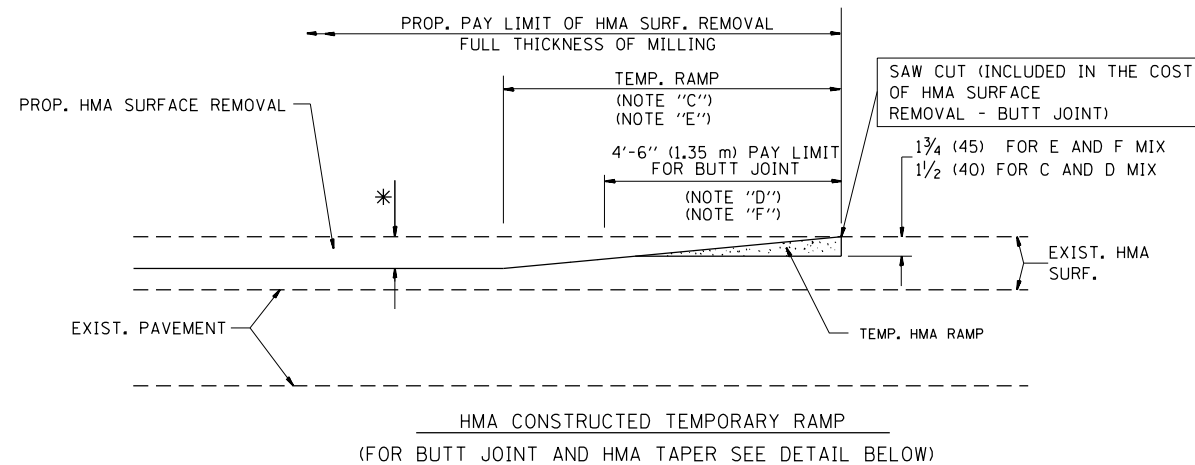
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = Velichkovv	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.
			REVISED - A. ABBAS 03-21-97			311	2018-028-R5-SW	DuPAGE	108	96
			REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 62G62		
			REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

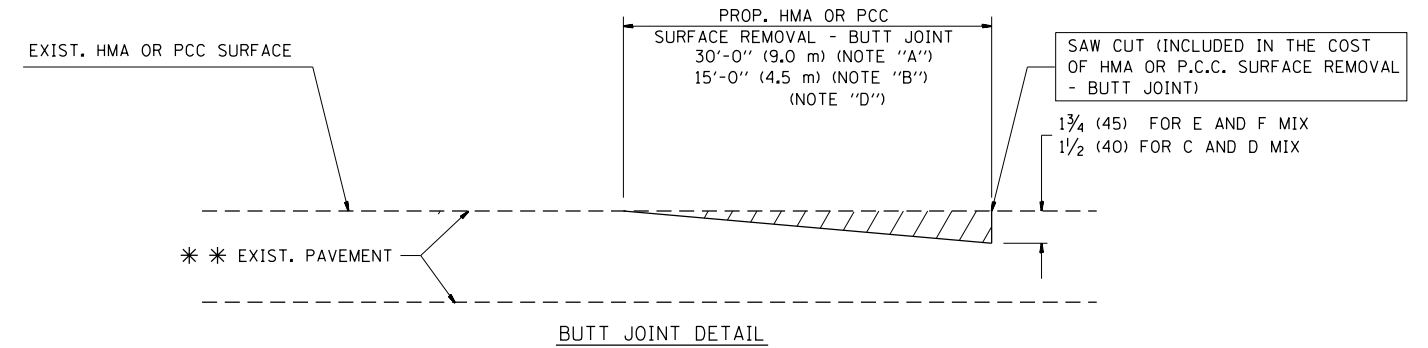


OPTION 1

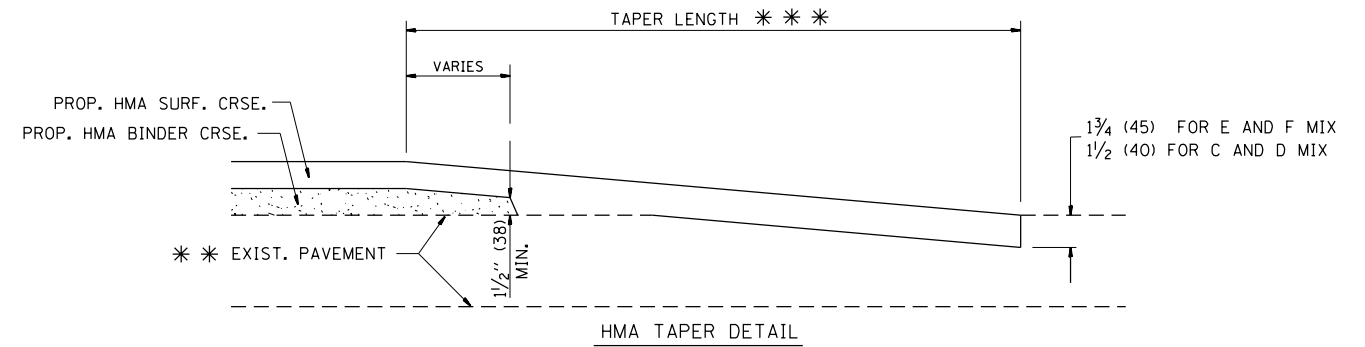


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

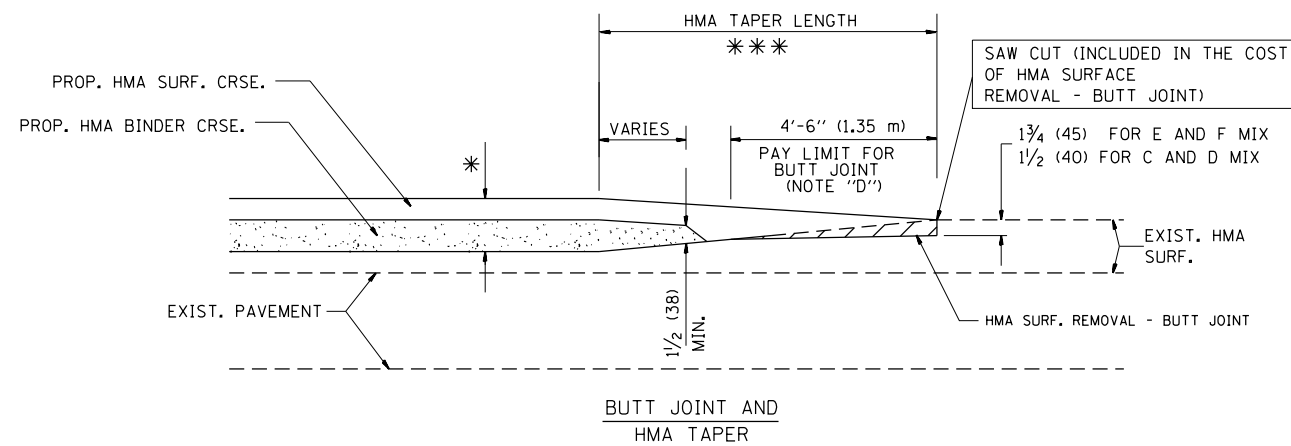
NOTES

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

BASIS OF PAYMENT:

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

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



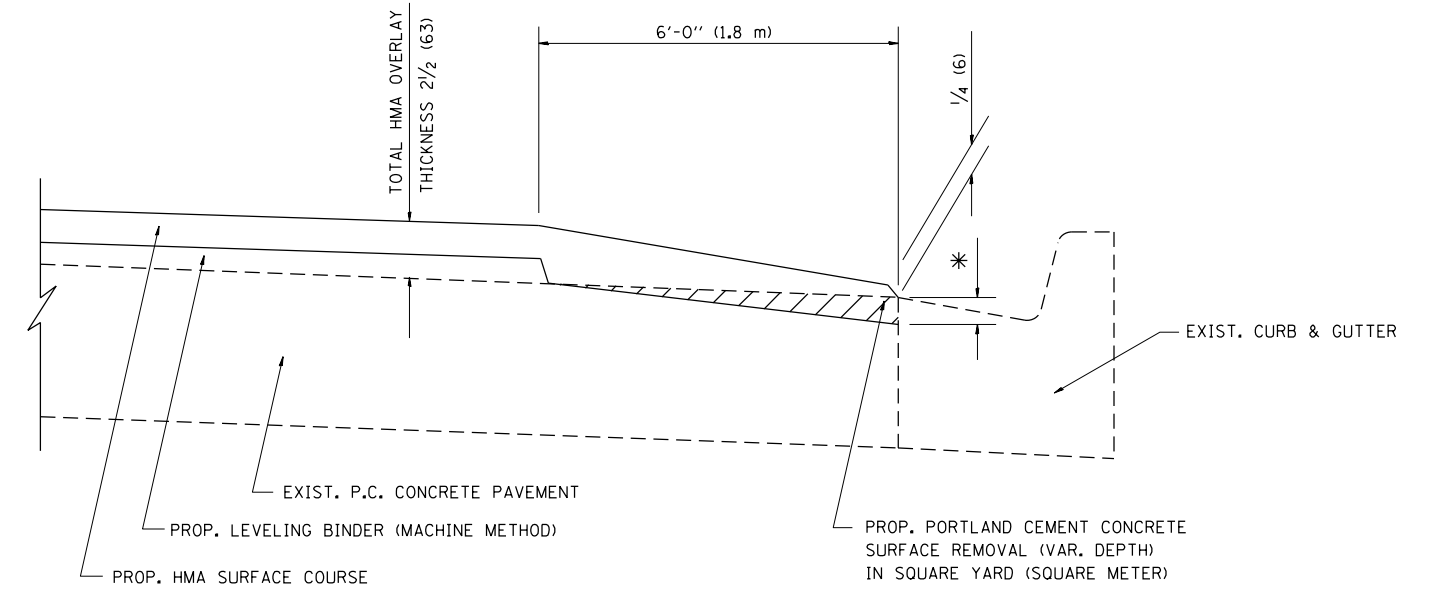
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME =	USER NAME = Velichkovv	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI323\BRIW\Drawings\Design\DistStd.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 12/11/2018	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.
311	2018-028-R5-SW	DuPAGE	108	97
BD400-05 BD32		CONTRACT NO. 62G62		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

HMA SURFACE	THICKNESS	LEVELING BINDER THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1 1/2 (38)	1 (25)	1/4 (33)
E	1 3/4 (44)	3/4 (19)	1/2 (38)

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

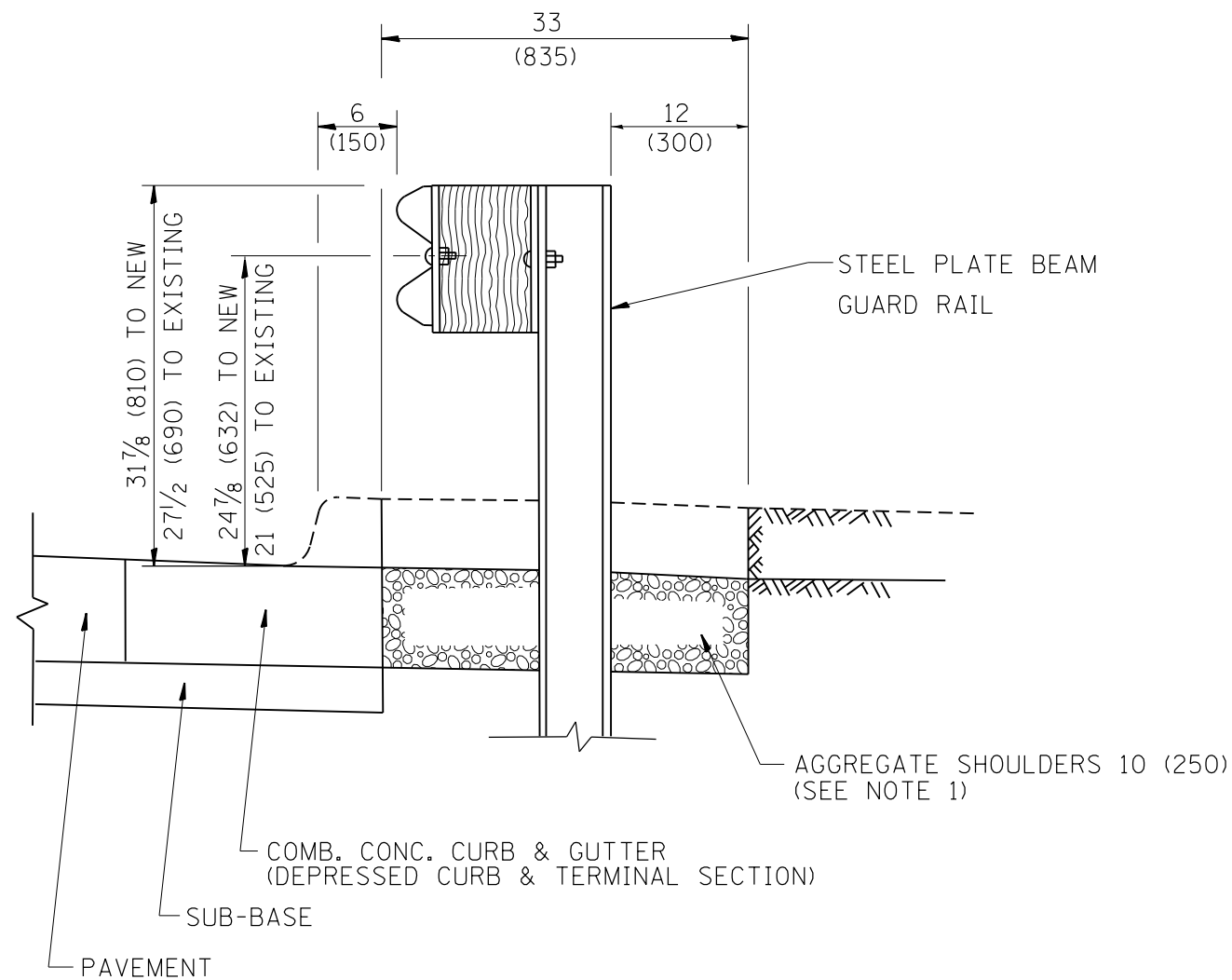
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Default	PLOT SCALE = 100.0000' / in.	DATE - 09-10-94	REVISED - R. BORO 01-01-07
	PLOT DATE = 12/11/2018		REVISED - JP CHANG 07-08-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

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

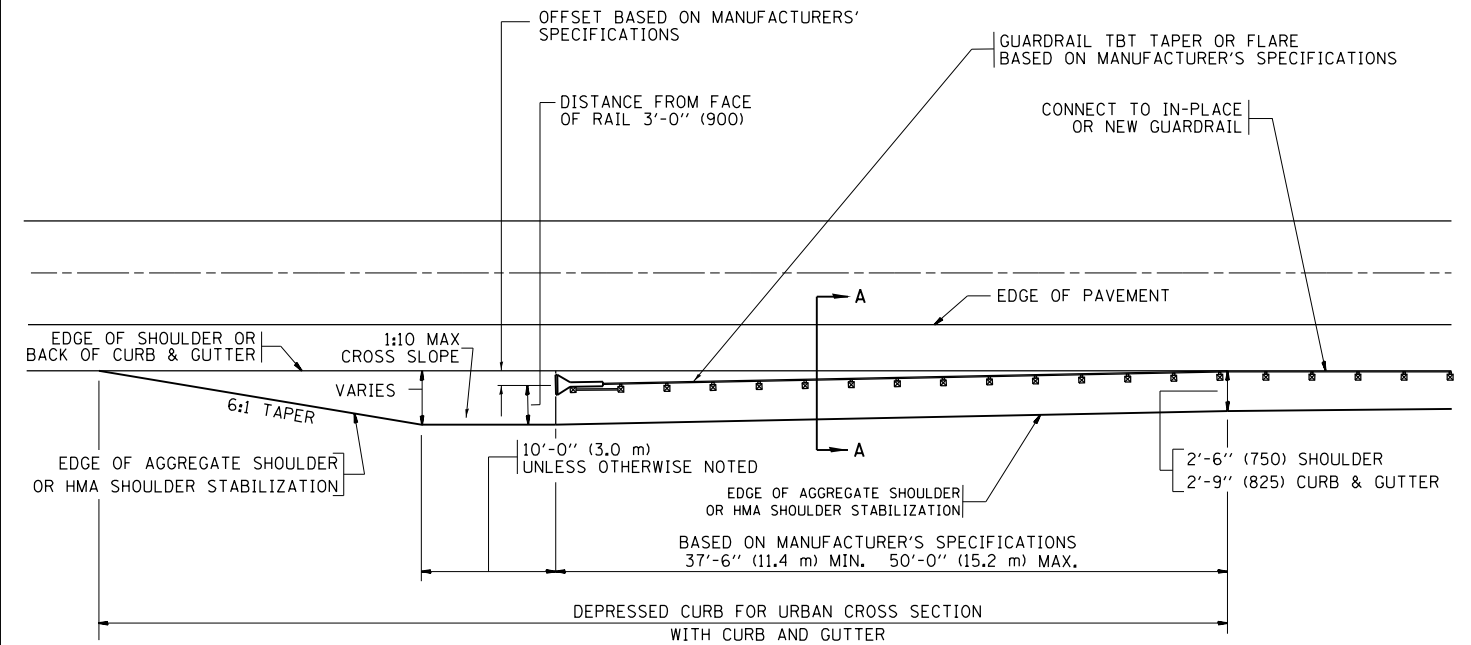
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	98
BD400-06 (BD33)		CONTRACT NO. 62G62		
ILLINOIS FED. AID PROJECT				



SECTION A-A

- NOTES:
1. THE AGGREGATE SHOULDER, 10" OR HMA SHOULDER, 6" (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
 2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
 3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

BASIS OF PAYMENT: HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDERS 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

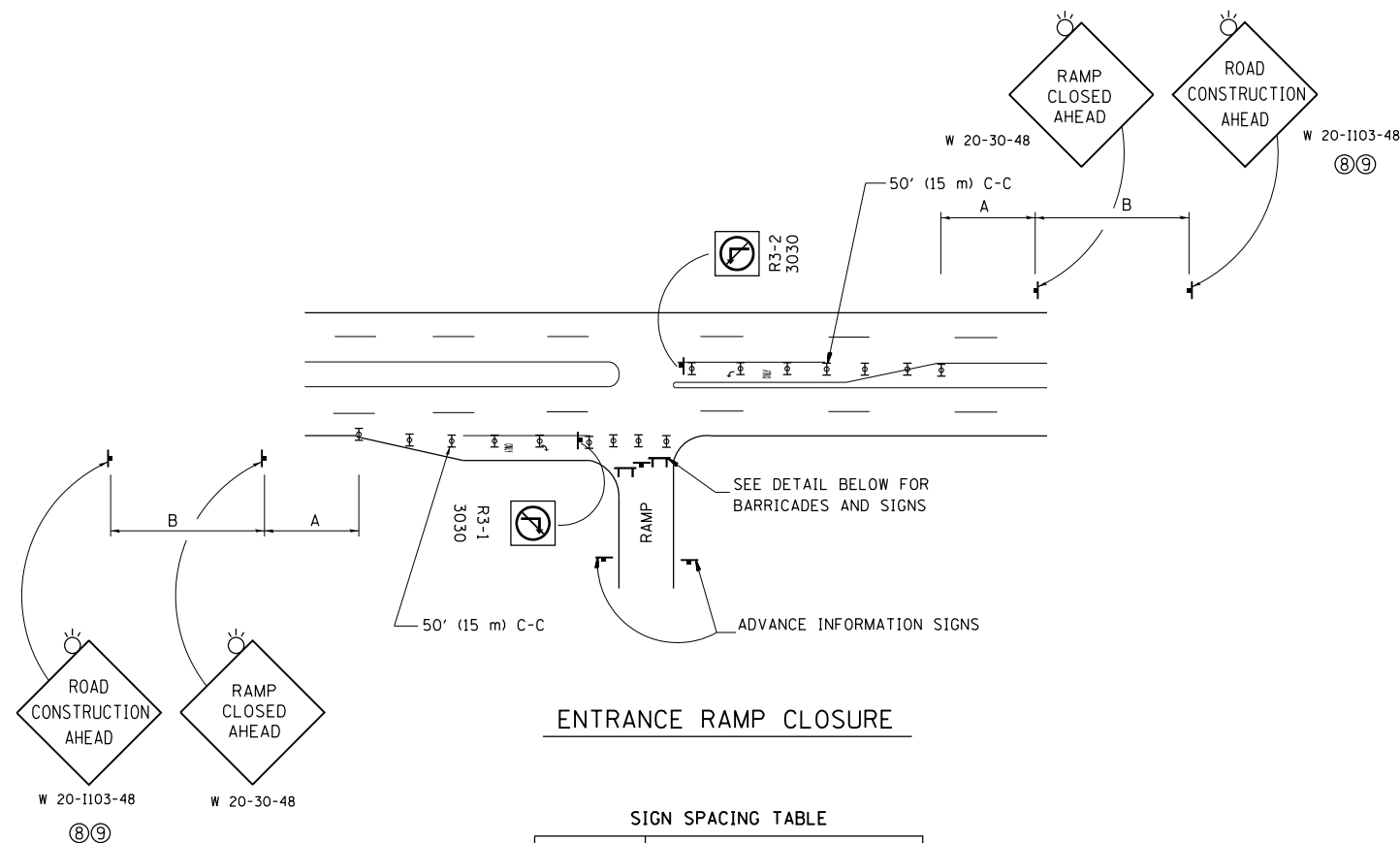
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	PLOT DATE = 12/11/2018	DATE - 09-22-90	REVISED - R. BORO 09-14-2009

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY 1 SPL.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	99
BD600-10 (BD 34)			CONTRACT NO. 62G62	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

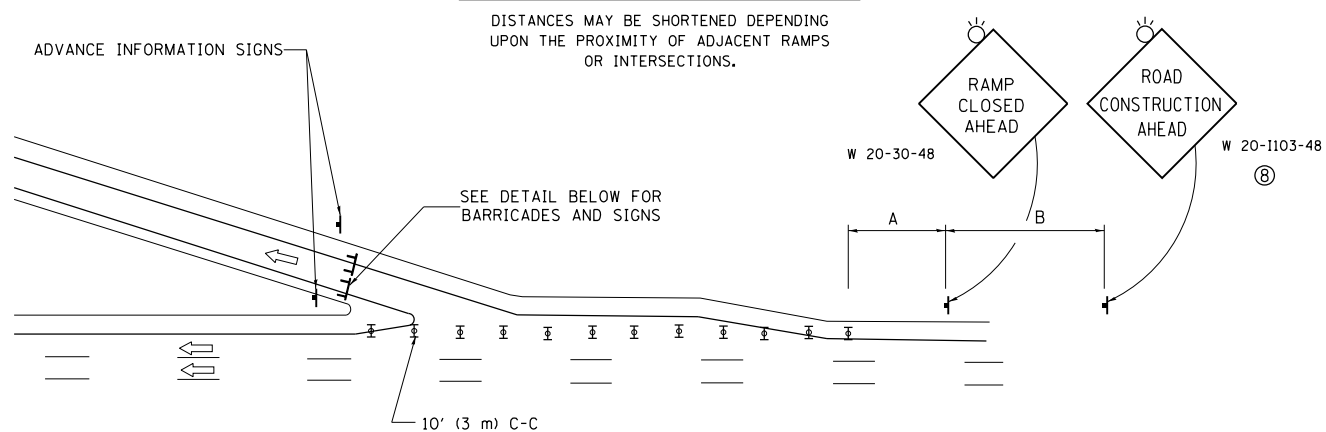


ENTRANCE RAMP CLOSURE

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)

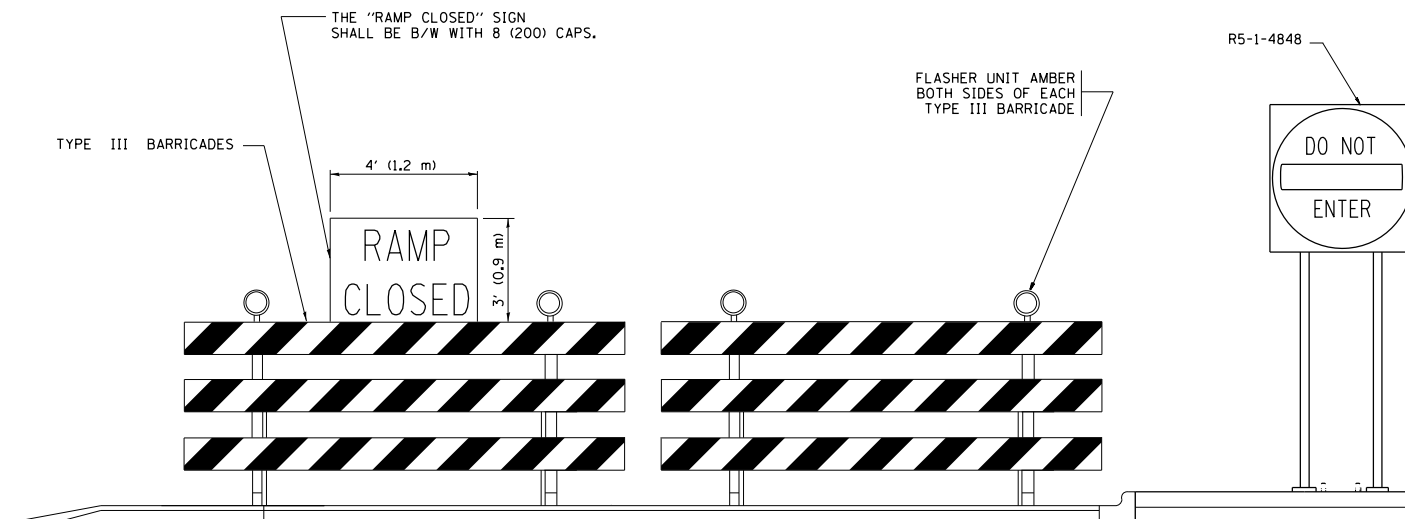
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

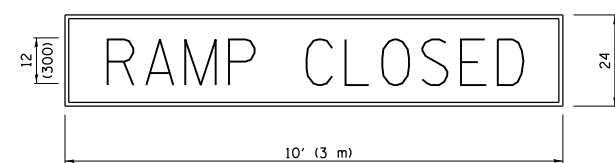
SYMBOLS

- ⊥ TYPE II BARRICADE OR DRUM
- ⊔ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN

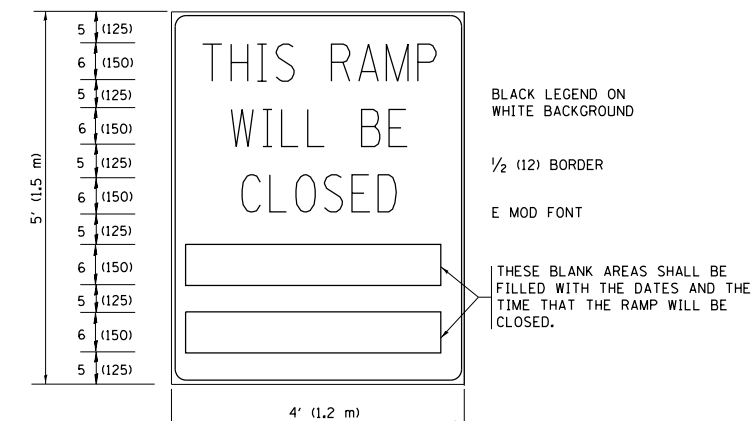


BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY E MOD FONT 1 (25) BORDER
 THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

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

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.

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.

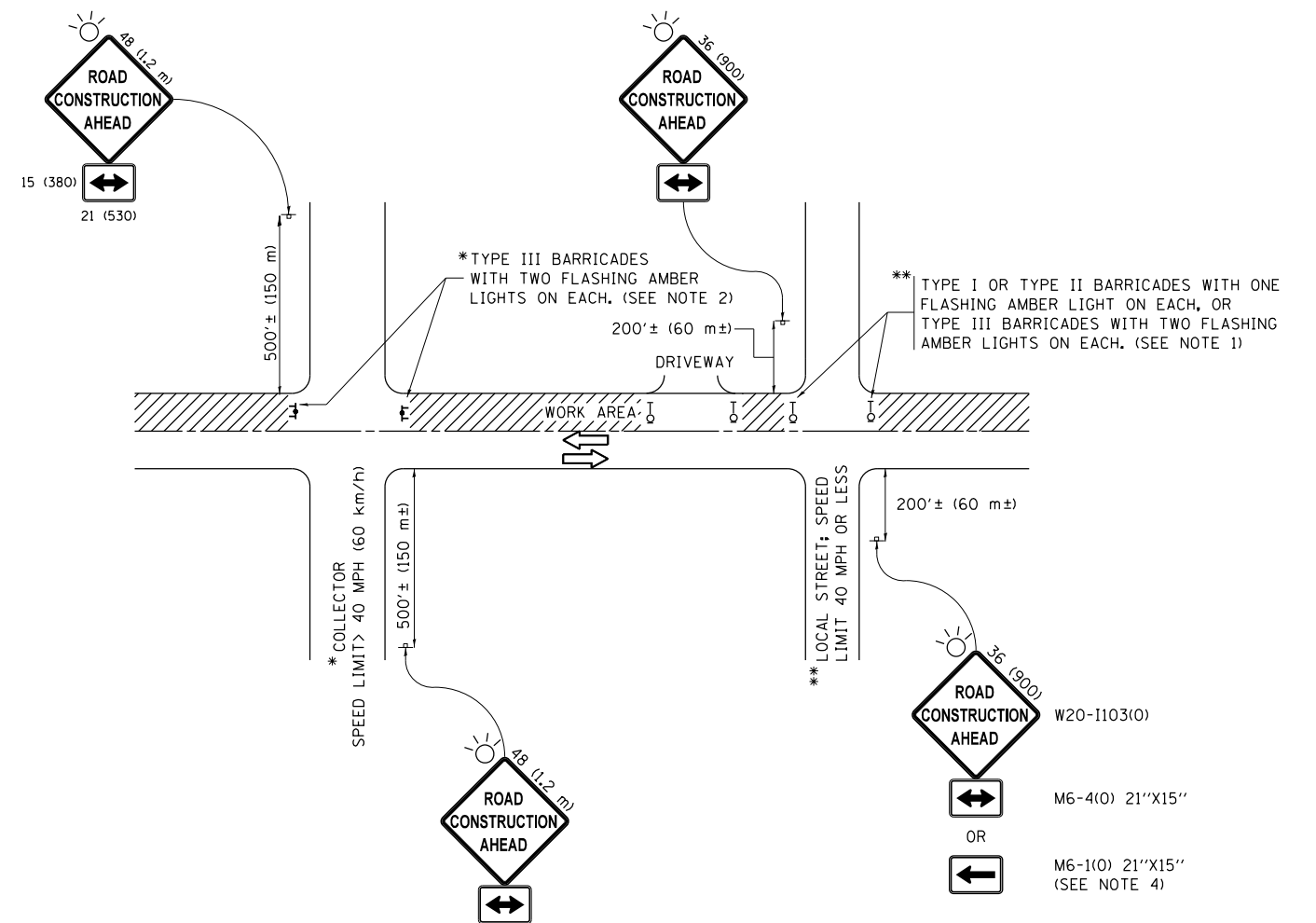
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M.D. 06-13
	PLOT DATE = 12/11/2018	DATE - 02-83	REVISED - M.D. 01-18

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.
311	2018-028-R5-SW	DuPAGE	108	100
TC-08		CONTRACT NO. 62G62		
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.

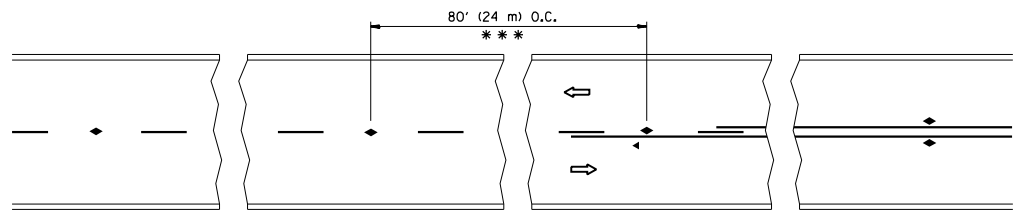
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

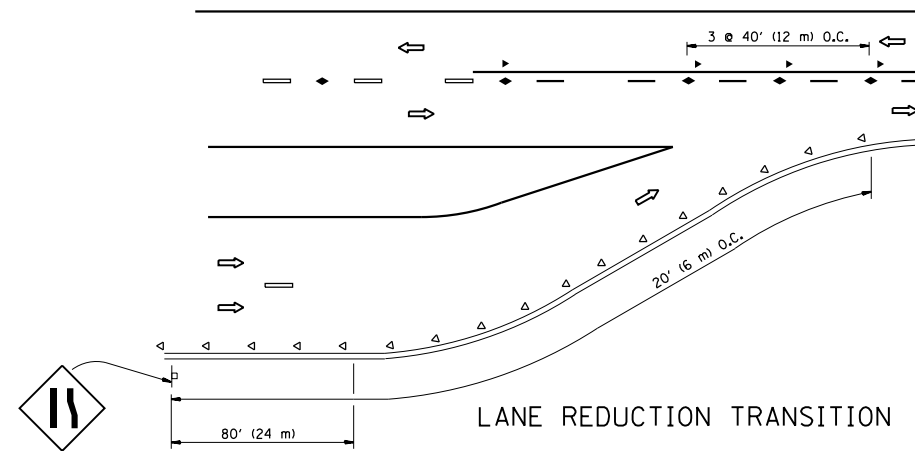
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TC-10			CONTRACT NO. 62G62	
ILLINOIS FED. AID PROJECT				

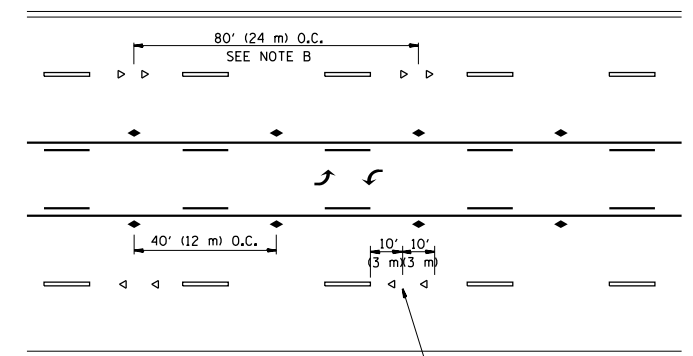


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

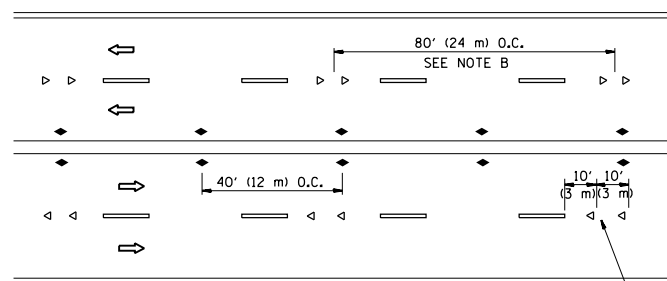
TWO-LANE/TWO-WAY



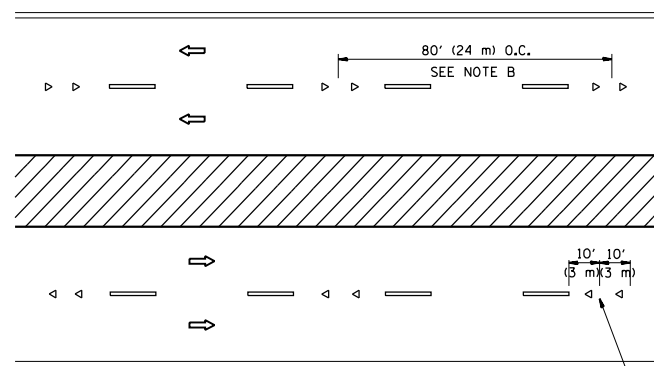
LANE REDUCTION TRANSITION



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

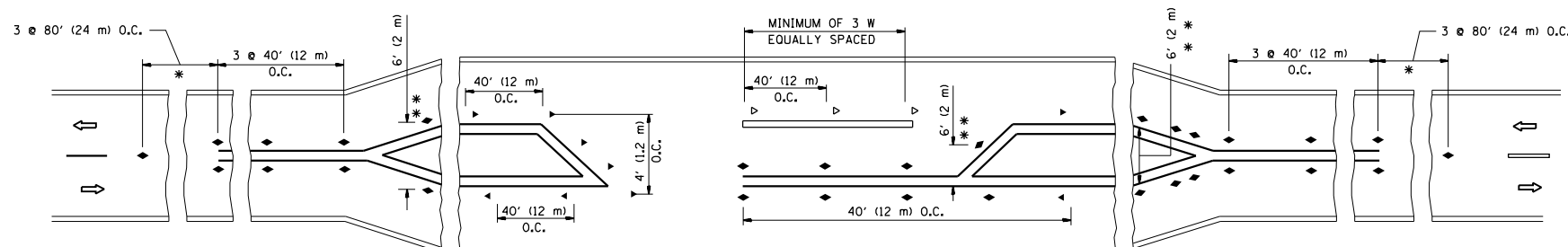
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

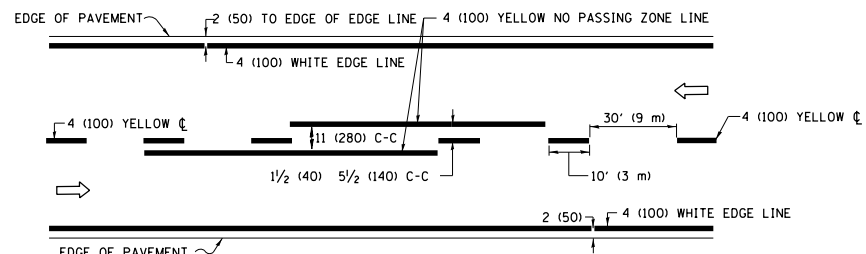
All dimensions are in inches (millimeters) unless otherwise shown.

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		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

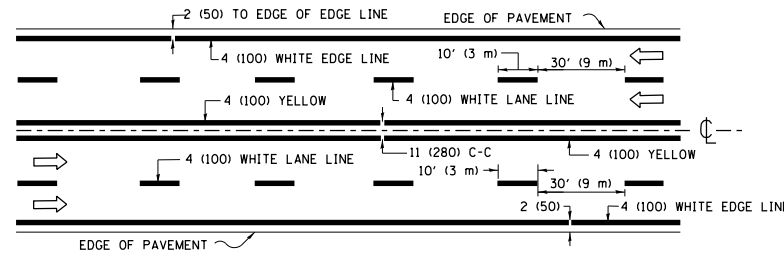
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

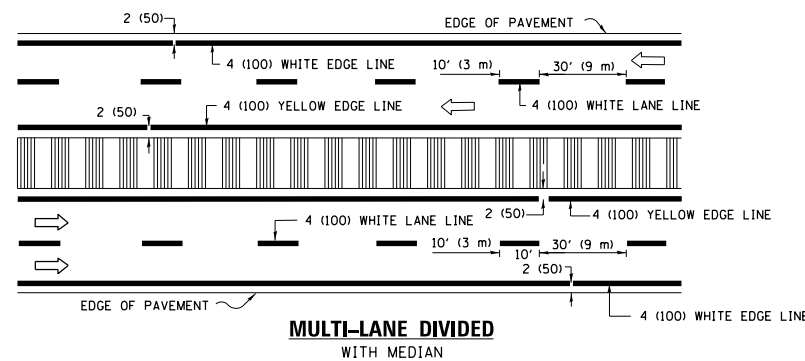
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311	2018-028-R5-SW	DuPAGE	108	102
TC-11			CONTRACT NO. 62G62	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

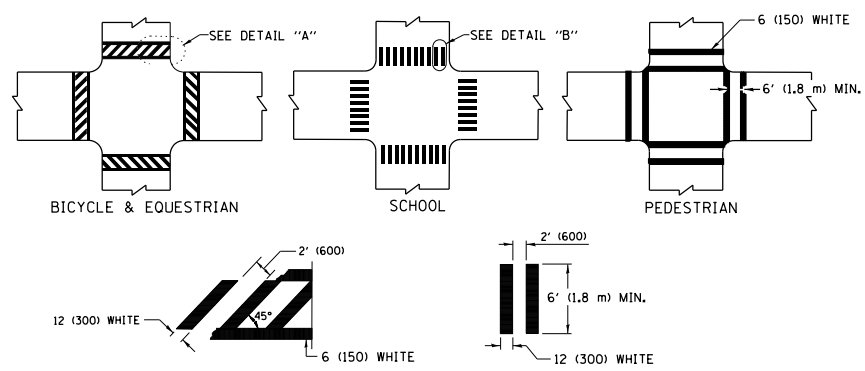


MULTI-LANE UNDIVIDED



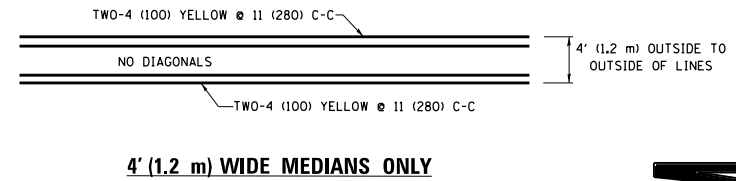
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

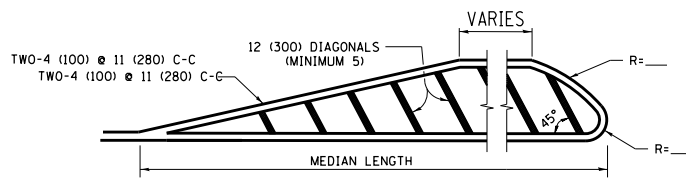


TYPICAL CROSSWALK MARKING

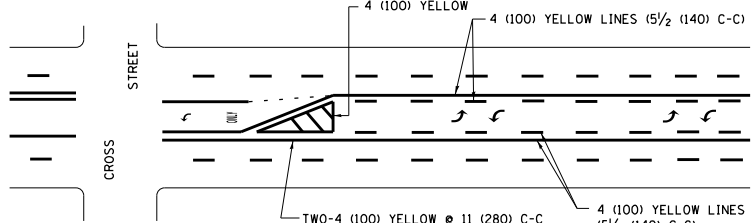
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



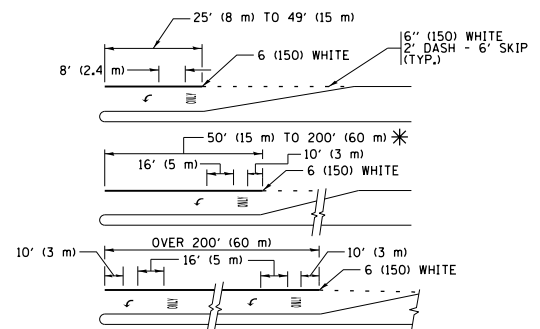
4' (1.2 m) WIDE MEDIANS ONLY



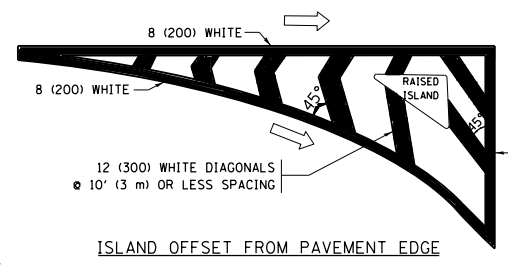
MEDIANS OVER 4' (1.2 m) WIDE



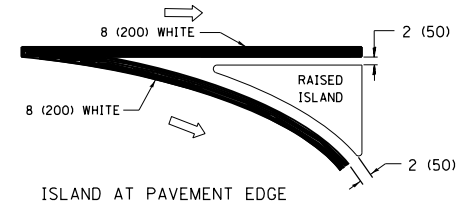
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



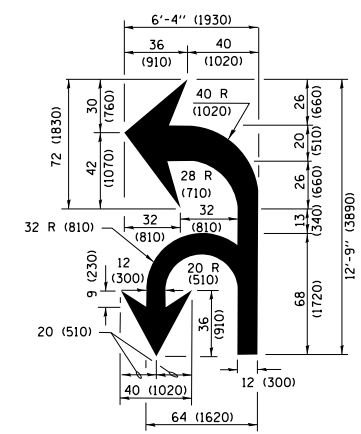
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



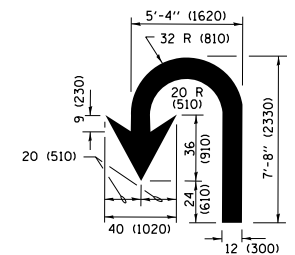
ISLAND OFFSET FROM PAVEMENT EDGE



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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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' (22.5 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 = Velichkovv	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\11084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\01323\Browns\Browns\Design\DistStd.dgn			REVISED - C. JUCIUS 07-01-13
		CHECKED -	REVISED - C. JUCIUS 12-21-15
Default	PLOT DATE = 12/11/2018	DATE - 03-19-90	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.
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F.A.P RTE. 311	SECTION 2018-028-R5-SW	COUNTY DuPAGE	TOTAL SHEETS 108	SHEET NO. 103
TC-13			CONTRACT NO. 62G62	ILLINOIS FED. AID PROJECT

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

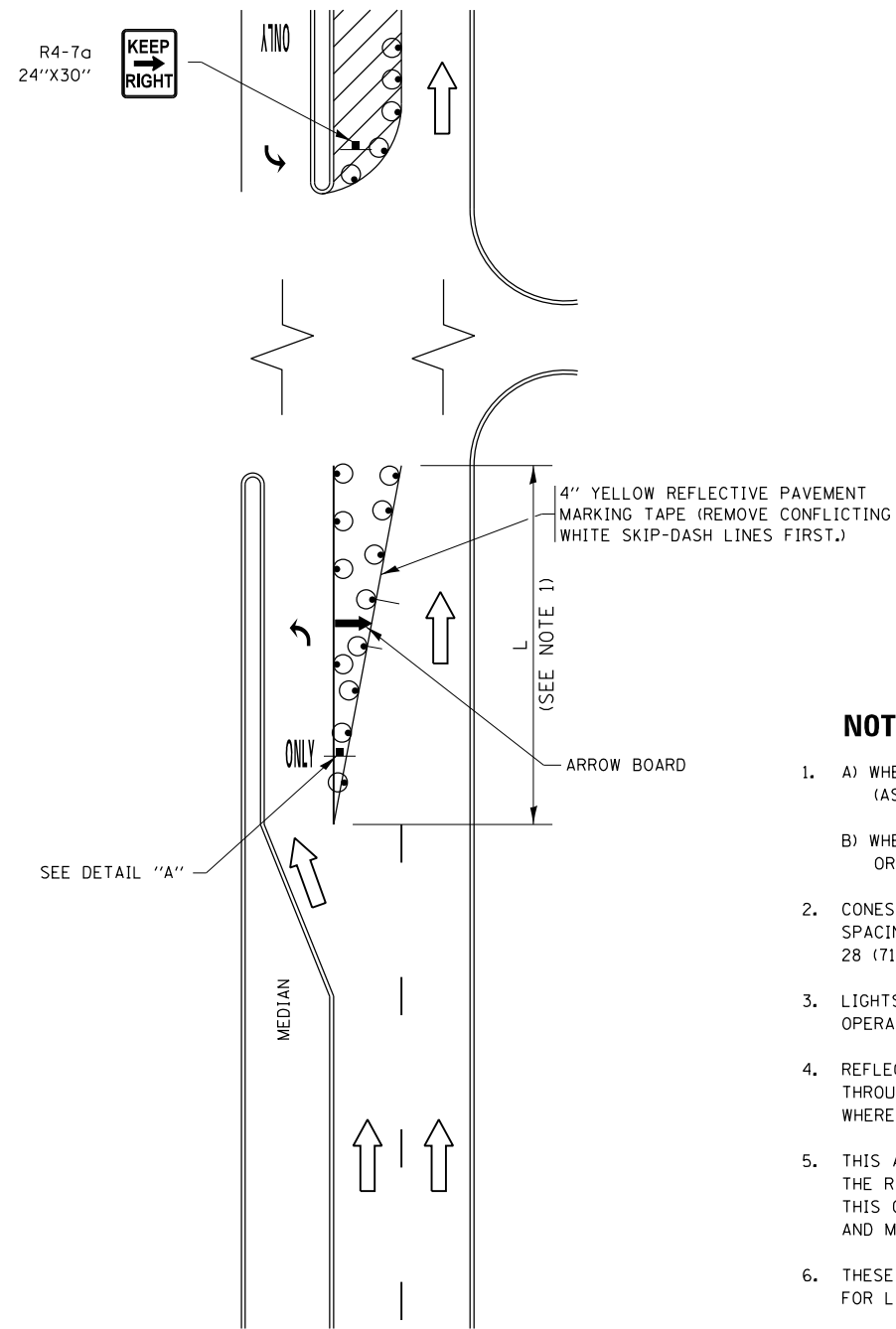


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

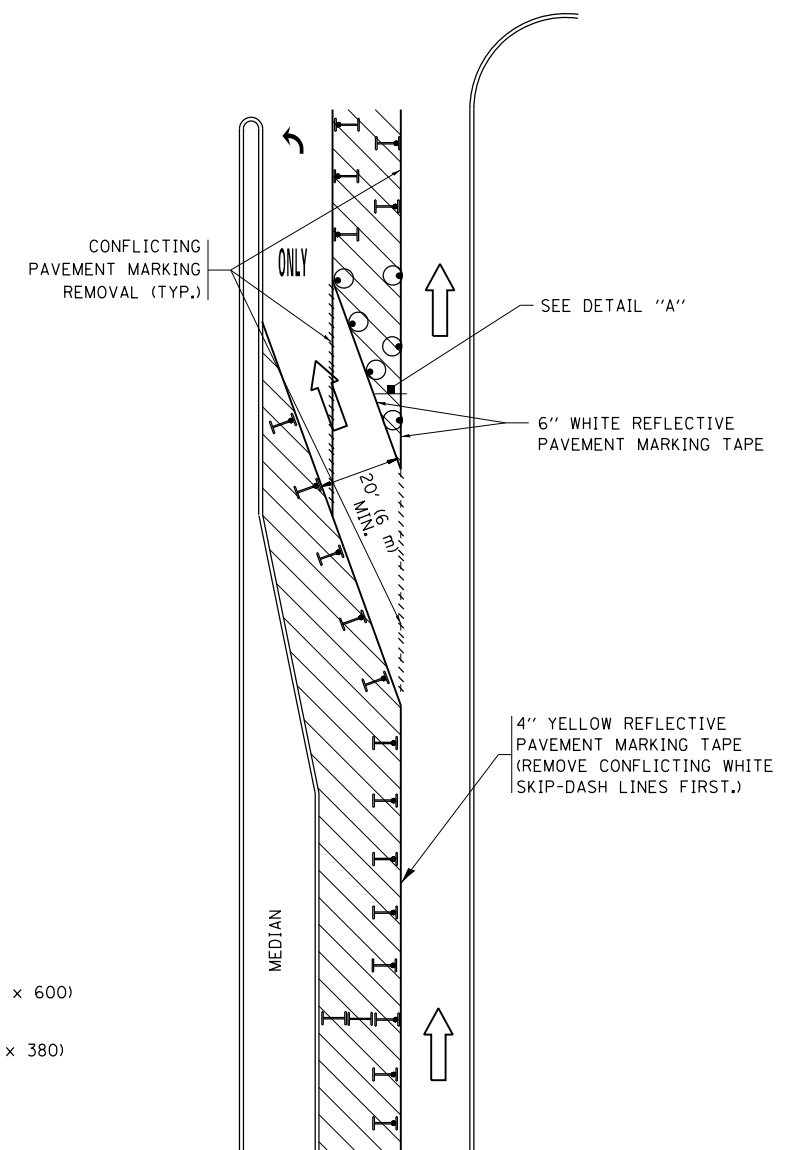
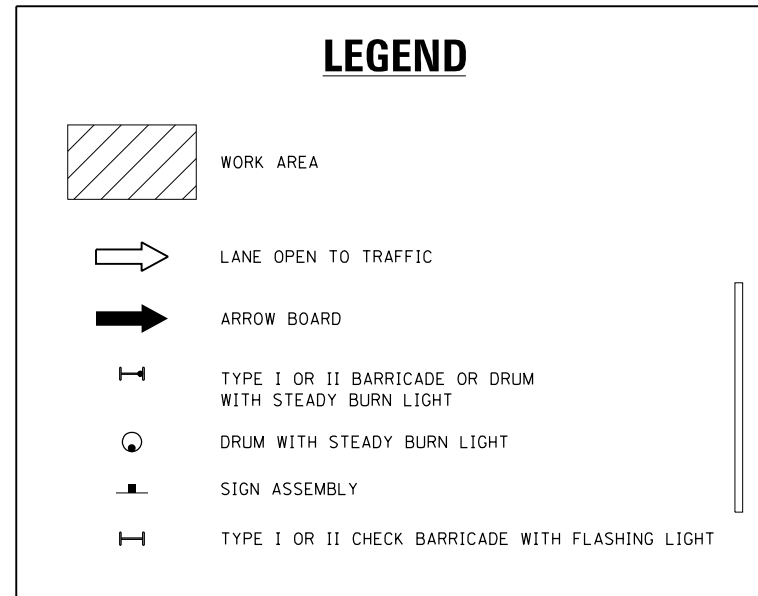
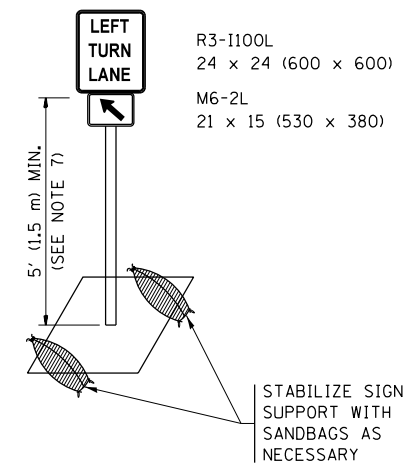


FIGURE 2



NOTES:

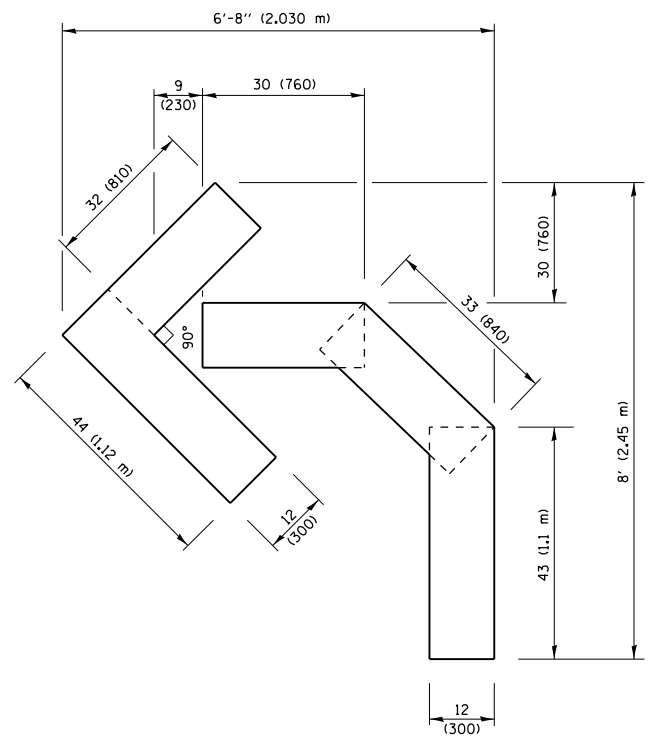
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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" R3-1100R 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.



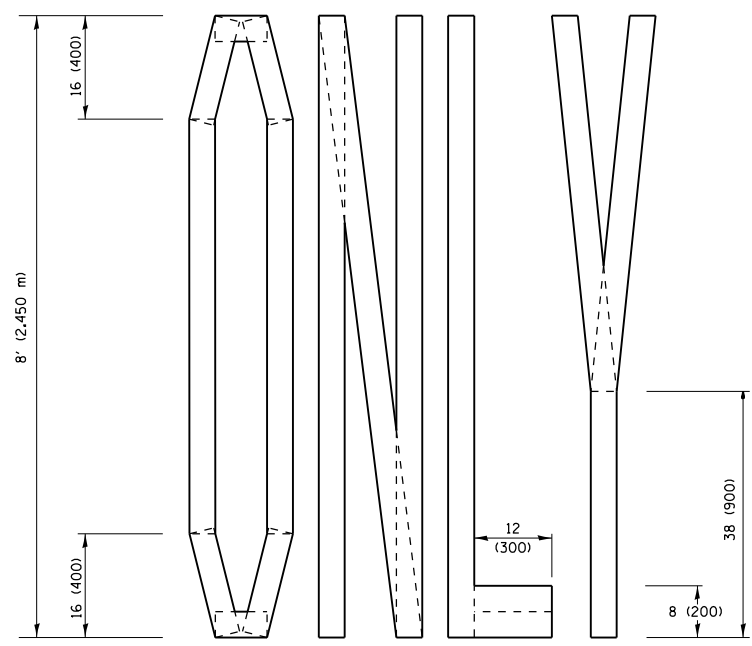
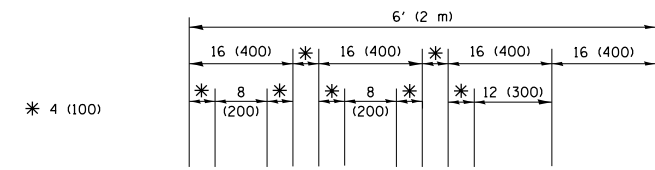
DETAIL A

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

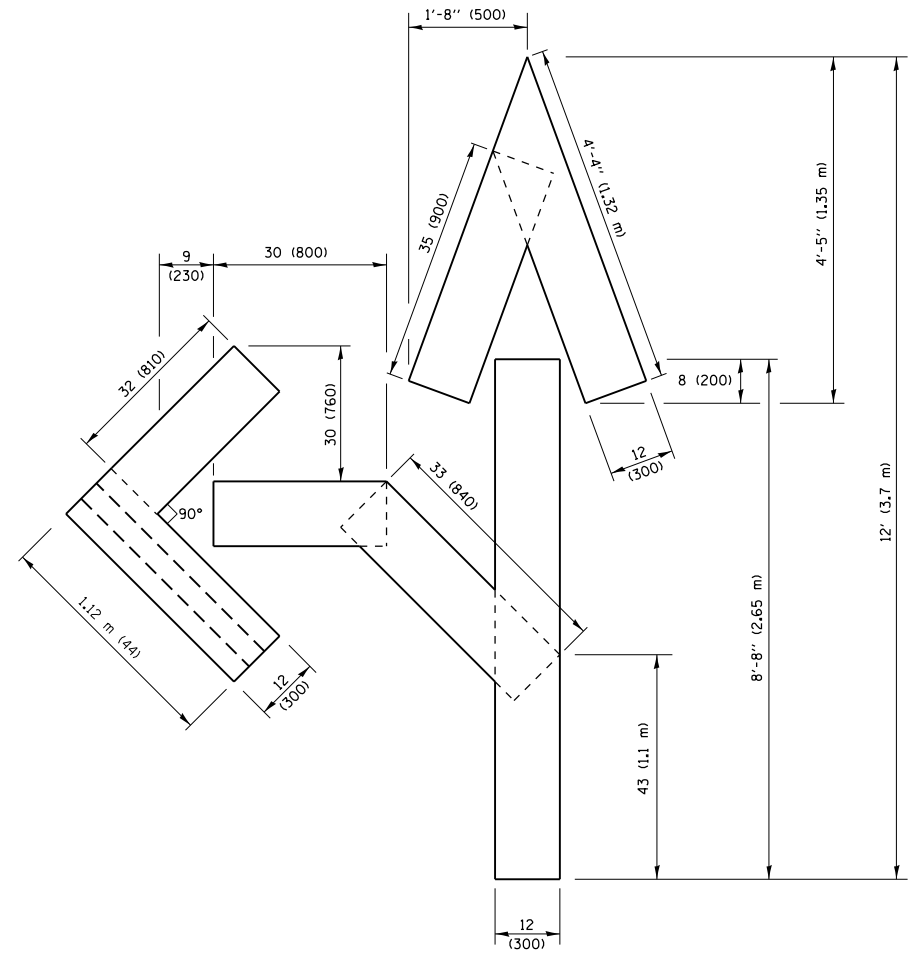
FILE NAME =	USER NAME = Velichkovv	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI323\REVISED Design\HOUSEH 11-07-95	REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 07-01-13			311	2018-028-R5-SW	DuPAGE	108	104
Default	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14		CONTRACT NO. 62G62		
	PLOT DATE = 12/11/2018	REVISED - T. RAMMACHER 01-06-00	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	



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

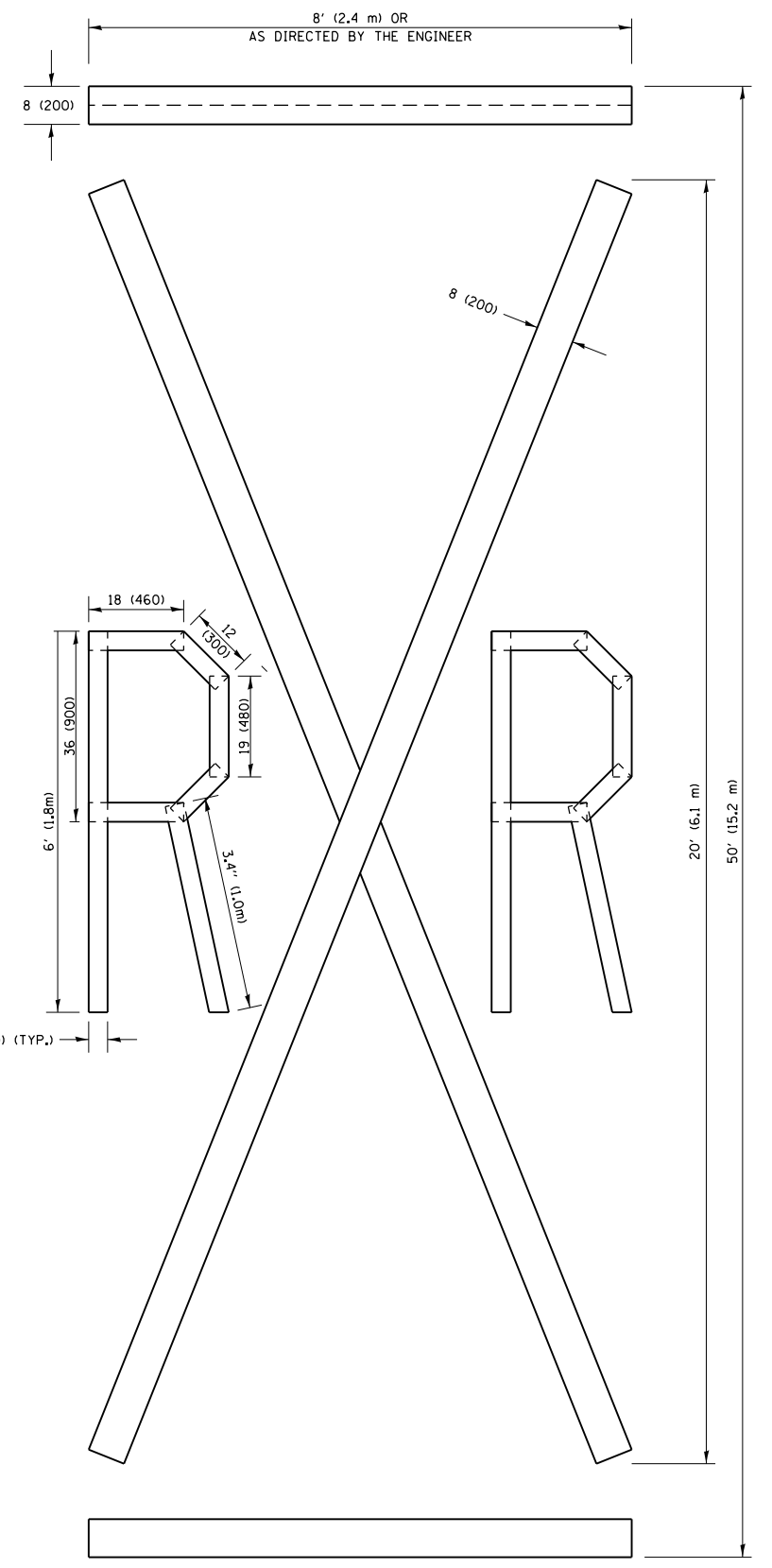


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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)

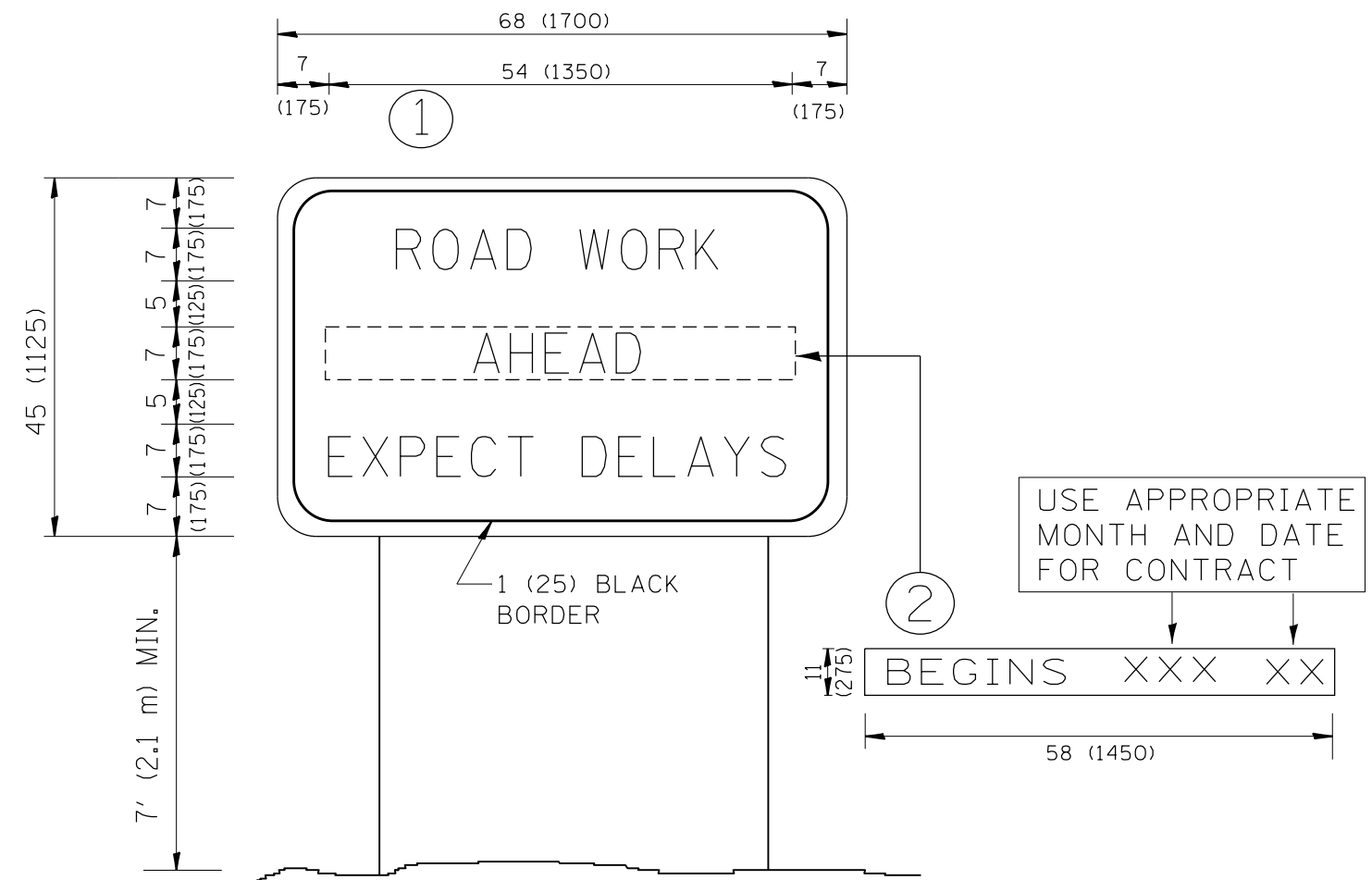
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = Velichkovv	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
p:\1\084EBIDINTEG.illinois.gov\PIWDD\Documents\DOT Offices\District 1\Projects\01323\Browns\Design\DistStd.dgn		REVISOR -	REVISED -E. GOMEZ 08-28-00
		CHECKED -	REVISED -E. GOMEZ 08-28-00
		DATE -	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.
311	2018-028-R5-SW	DuPAGE	108	105
TC-16		CONTRACT NO. 62G62		
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 = Velichkovv	DESIGNED -	REVISED - R. MIRS 09-15-97
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI323\Browns\Design\DistStd.dgn		CHECKED -	REVISED - R. MIRS 12-11-97
		PLOT SCALE = 100.0000' / 1in.	REVISED - T. RAMMACHER 02-02-99
		DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

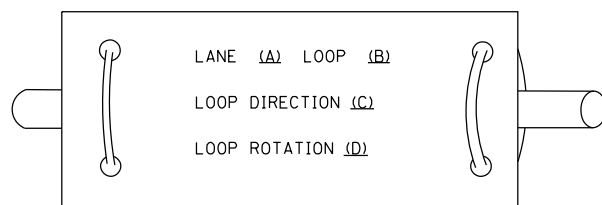
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-22			CONTRACT NO. 62G62	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

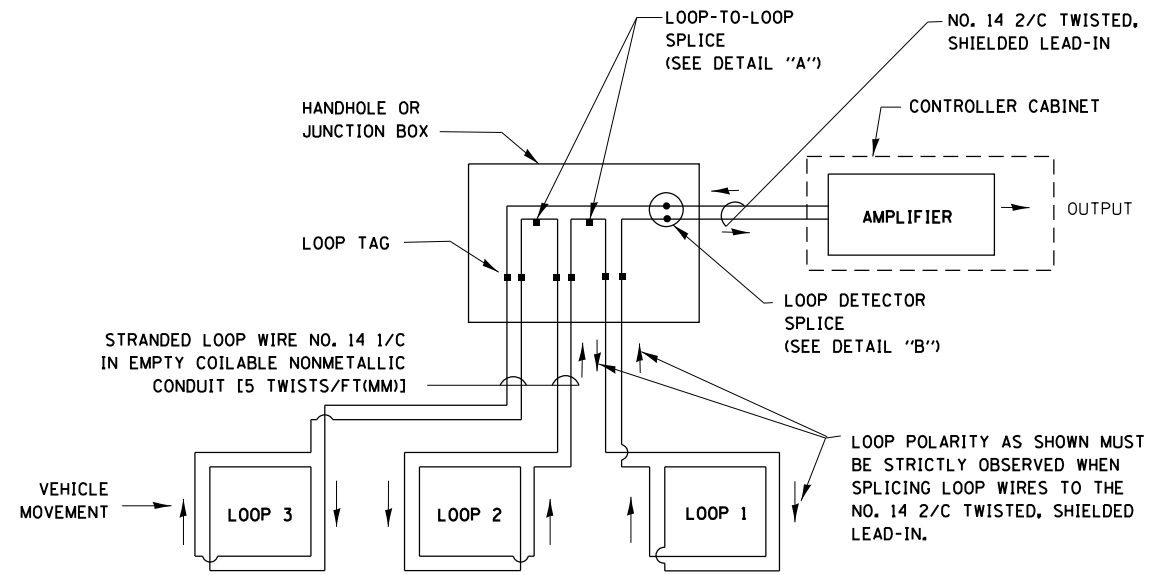
LOOP DETECTOR NOTES

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.

LOOP LEAD-IN CABLE TAG

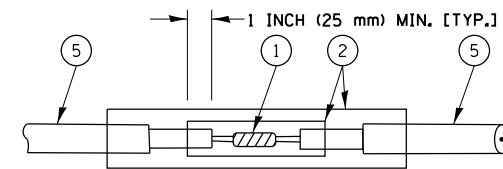


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

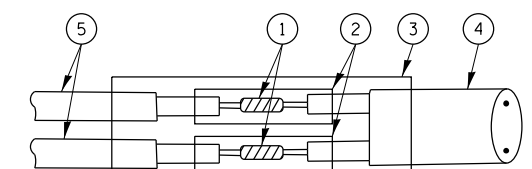


DETECTOR LOOP WIRING SCHEMATIC

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

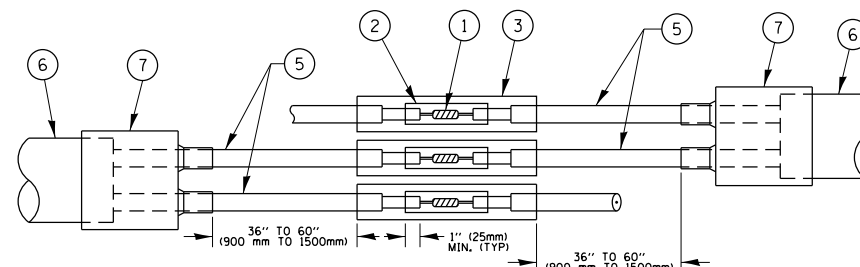


**DETAIL "A"
LOOP-TO-LOOP SPLICE**

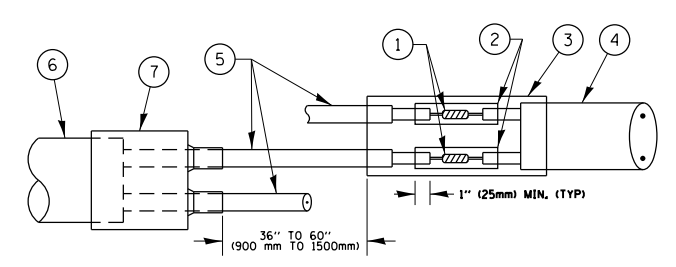


**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

PRE-FORMED LOOP

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

FILE NAME =	USER NAME = Velichkovv	DESIGNED -	REVISED -
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Default	PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

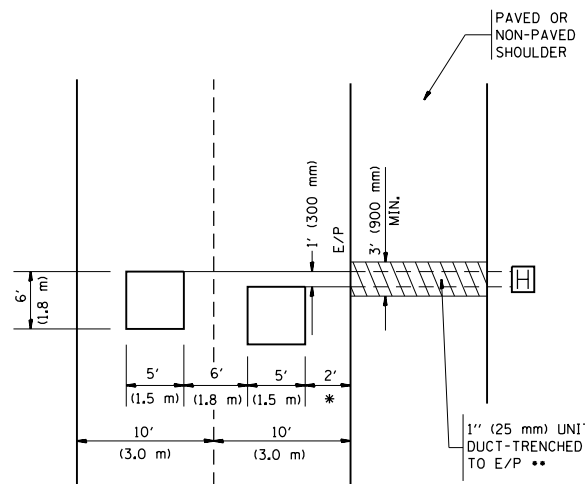
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	107
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ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



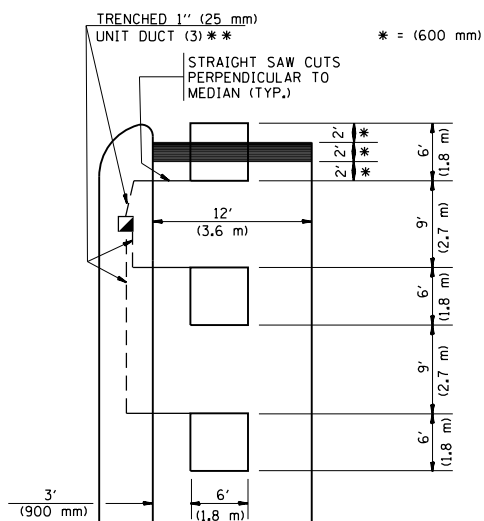
* = (600 mm)

** 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.

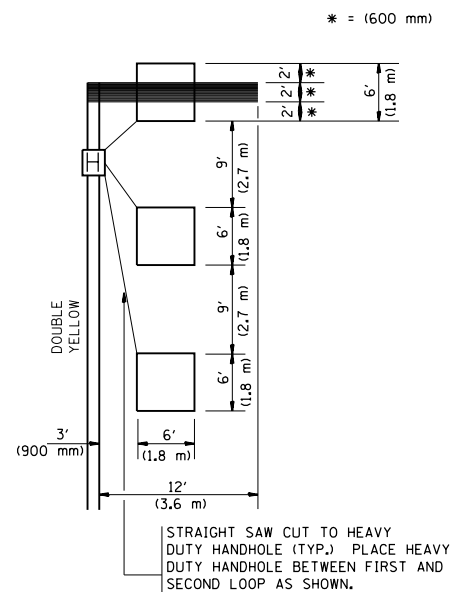


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

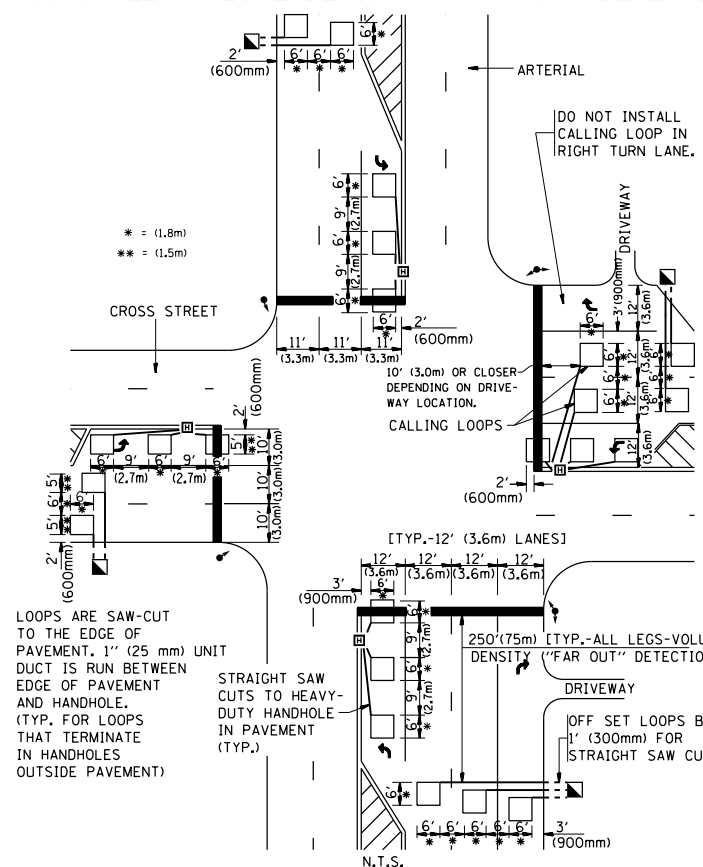
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



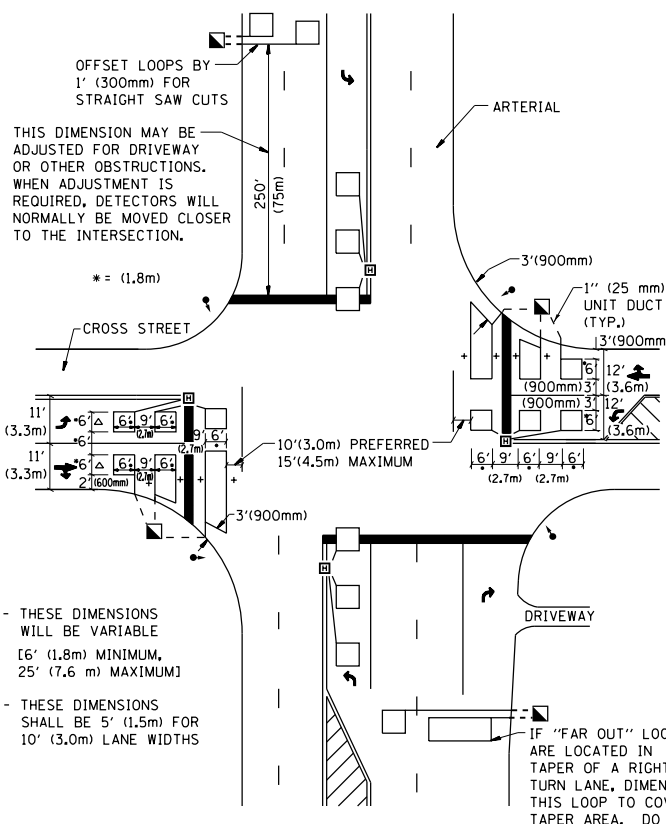
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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 = Velichkovv	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED - R.K.F.	REVISED -	
PLOT DATE = 12/11/2018	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	2018-028-R5-SW	DuPAGE	108	108
TS-07		CONTRACT NO. 62G62		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				