04-26-13 LETTING ITEM 117

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	1
	ILLINOIS	CONTRACT NO. 60N49		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.P. 344: ILLINOIS ROUTE 83
SECTION: 540R–RS–2
ILLINOIS ROUTE 19 TO ILLINOIS ROUTE 72
RESURFACING (3P), DRAINAGE
DUPAGE & COOK COUNTIES

C–91–319–11

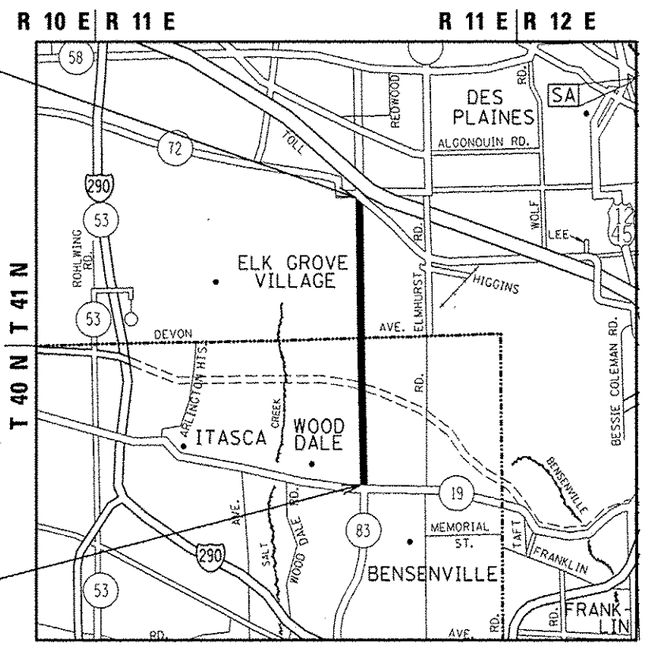
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED WITHIN
THE VILLAGE OF ELK GROVE VILLAGE,
THE VILLAGE OF BENSENVILLE,
AND THE CITY OF WOOD DALE

TRAFFIC DATA

ILLINOIS ROUTE 83
2011 ADT = 43300
SPEED LIMIT = 45MPH

PROJECT ENDS
STA. 1279 + 00



SCALE: NTS

PROJECT BEGINS
STA. 1056 + 51

OMISSION
STA. 1207 + 62 TO
STA. 1217 + 05

OMISSION
STA. 1186 + 40 TO
STA. 1196 + 20

D-91-319-11

LOCATION OF SECTION INDICATED THUS:–

0	100'	200'	300'	— 1" = 100'
0	10'	20'	30'	— 1" = 10'
0	50'	100'		— 1" = 50'
0	50'	100'		— 1" = 40'
0	50'	100'		— 1" = 30'
0	50'	100'		— 1" = 20'

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

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

PROJECT ENGINEER: DANIEL WILGREEN (847) 705–4240
PROJECT MANAGER: KEN ENG (847) 705–4247

CONTRACT NO. 60N49

ELK GROVE AND ADDISON TOWNSHIP

GROSS LENGTH = 22249 FT. = 4.21 MILE
NET LENGTH = 20326 FT. = 3.85 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 14 20 13
John Fortmeyer PE
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 22 20 13
John D. Baranzelli P.E. /BL
acting ENGINEER OF DESIGN AND ENVIRONMENT
March 22 20 13
Omer Osman, P.E. /BL
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1 COVER SHEET

2 INDEX OF SHEETS, LIST OF IDOT HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS

3-6 SUMMARY OF QUANTITIES

7-10 TYPICAL SECTIONS

11-18 ROADWAY & PAVEMENT MARKING PLANS

19 DRAINAGE SCHEDULE

20 DRAINAGE PLAN (DEVON AVE. TO MARK ST.)

21 EROSION CONTROL PLAN (DEVON AVE. TO MARK ST.)

22-29 LANDSCAPING PLANS

30 LANDSCAPED MEDIAN DETAIL

31-38 DETECTOR LOOP REPLACEMENT

39 FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD08)

40 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD22)

41 CURB OR CURB AND GUTTER REMOVAL AND REPLACE (BD24)

42 BUTT JOINTS AND HMA TAPER (BD32)

43 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC10)

44 RAISED REFLECTIVE PAVEMENT MARKERS, SNOW PLOW RESISTANT (TC11)

45 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC13)

46 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC14)

47 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)

48 ARTERIAL ROAD INFORMATION SIGN (TC22)

49 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACE (TS-07)

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

442201-03 CLASS C AND D PATCHES

482011-03 HMA SHOULDER STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS

~~542301 PRECAST REINFORCED CONCRETE FLARED END SECTION~~

606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

606301-04 PC CONCRETE ISLANDS AND MEDIANS

602001-02 CATCH BASIN TYPE A

635011-02 REFLECTOR MARKER AND MOUNTING DETAILS

701101-03 OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE

701106-02 OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY

701426-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS > OR = 45 MPH

701601-08 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION

701801-05 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE

701901-02 TRAFFIC CONTROL DEVICES

542001-03

COMMITMENTS

NO COMMITMENTS FOR THIS PROJECT

GENERAL NOTES

1 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

2 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES, VILLAGE OF ELK GROVE, VILLAGE OF BENSENVILLE, CITY OF WOOD DALE, VILLAGE OF ADDISON, AND CITY OF ELMHURST.

3 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

4 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.

5 ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE. NO ADDITIONAL COST TO THE DEPARTMENT.

6 BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCES, 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 STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.

7 ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHALL PATCH BEFORE MILLING

8 LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

9 DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE BY THE ENGINEER.

10 THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

11 THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

12 THE ENGINEER SHALL CONTACT DON CHIARUGI, THE TRAFFIC FIELD TECHNICIAN AT (847)741-9857 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

13 THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

14 DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

15 WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

16 BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.

17 NIGHTTIME FLAGGERS OR WORKERS SHALL BE EQUIPPED WITH A FLUORESCENT ORANGE OR FLORESCENT YELLOW/GREEN VEST MEETING THE REQUIREMENTS OF ANSI/ISEA 107-2004 FOR CONSPICUITY CLASS 3 GARMENTS.

18 PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND IT'S REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.

19 THIS PROJECT REQUIRES AN NPDES PERMIT

THE DEPARTMENT HAS DETERMINED THAT IN STREAM WORK IS NOT REQUIRED FOR THE WORK SPECIFIED IN THIS CONTRACT. THE DEPARTMENT HAS NOT OBTAINED A 404 PERMIT. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING AN USACE 404 PERMIT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER USACE PERMITS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	**AIR VOIDS @ Ndes**
PAVEMENT RESURFACING	
*POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	3.5% @ 80 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR.
HMA SHOULDER RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
DRIVEWAY	
HOT MIX ASPHALT BASE COURSE 8" (HMA BINDER IL-19 mm)	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-19.5 mm)	4% @ 50 GYR.
BASE COURSE	
HOT MIX ASPHALT BASE COURSE 10.5" (IL-19 mm)	4% @ 90 GYR.

*HMA - PAY FOR PERFORMANCE (PFP) USING SPECIAL PROVISION APPLIES TO POLY HMA SURFACE COURSE, SMA, N80

MIXTURE NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ-YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83
IL 19 (IRVING PARK RD.) TO IL 72 (OAKTON ST.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	2
		CONTRACT NO. 60N49		
	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0005 65% STATE BENSENVILLE 35 %	DUPAGE CO 0005 100% BENSENVILLE		
20200100	EARTH EXCAVATION	CU YD	323		323				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6057	2477	3580				
20400800	FURNISHED EXCAVATION	CU YD	221		221				
20800150	TRENCH BACKFILL	CU YD	95		95				
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	16,580	7371	9479				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	5713		5713				
21400100	GRADING AND SHAPING DITCHES	FOOT	1400		1400				
25000210	SEEDING, CLASS 2A	ACRE	4.63	1.52	3.11				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	420	137	283				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	420	137	283				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	420	137	283				
25100630	EROSION CONTROL BLANKET	SQ YD	22,564	7371	15,193				
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	118		118				
28000305	TEMPORARY DITCH CHECKS	FOOT	622		622				
28000400	PERIMETER EROSION BARRIER	FOOT	1438		1438				

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE: COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0031 65% STATE BENSENVILLE 35%	DUPAGE CO 0031 100% BENSENVILLE		
28000500	INLET AND PIPE PROTECTION	EACH	34	6	28				
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	1262		1262				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	20		20				
35501326	HOT-MIX ASPHALT BASE COURSE, 10 1/2"	SQ YD	1139		1139				
35600718	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"	SQ YD	122		122				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	185	80	105				
40600300	AGGREGATE (PRIME COAT)	TON	926	401	525				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	695	301	394				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	12813	5524	7289				
40600895	CONSTRUCTING TEST STRIP	EACH	3	1.5	1.5				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1466	806	660				
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	22289	9858	12431				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3995	1460	2535				

Rev.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83
IL 19 (IRVING PARK RD.) TO IL 72 (OAKTON ST.)
SUMMARY OF QUANTITIES

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	3

CONTRACT NO. 60N49

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

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0005 65% STATE BENSENVILLE 35%	DUPAGE CO 0005 100% BENSENVILLE		
42001300	PROTECTIVE COAT	SQ YD	12,774	5865	6909				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	223327	97027	126300				
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	20		20				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	10,847	2871	7976				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	7104	3232	3872				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	580	414	166				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	850	218	632				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	612	224	388				
50105220	PIPE CULVERT REMOVAL	FOOT	99		99				
54261318	CONCRETE END SECTION, STANDARD 542001, 18", 1:3	EACH	1		1				
~~54213663~~	~~PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"~~	~~EACH~~	~~1~~		~~1~~				
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	100		100				
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	715		715				
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	300		300				
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	7		7				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0005 65% STATE BENSENVILLE 35%	DUPAGE CO 0005 100% BENSENVILLE		
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1		1				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	20	13	7				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	4	2	2				
60262700	INLETS TO BE RECONSTRUCTED	EACH	4	2	2				
60404950	FRAMES AND GRATES, TYPE 24	EACH	10	5	5				
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	10	5	5				
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2203		2203				
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	8485	2706	5779				
~~60619600~~	~~CONCRETE MEDIAN, TYPE SB 6.12~~	~~SQ FT~~	~~1785~~	~~840~~	~~945~~				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3				
67100100	MOBILIZATION	L SUM	1	0.5	0.5				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5	0.5				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83
IL 19 (IRVING PARK RD.) TO IL 72 (OAKTON ST.)
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	4
		CONTRACT NO. 60N49		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

Rev.

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0005 65% STATE BENSENVILLE 35%	DUPAGE CO 0005 100% BENSENVILLE		
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	0.5	0.5				
	STANDARD 701801								
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	0.5	0.5				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	45352	21343	24009				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND	SQ FT	2493	1474	1019				
	SYMBOLS								
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	57338	24163	33175				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10584	5805	4779				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1908	977	931				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	3989	1540	2449				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1839	1025	814				
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4991	2330	2661				
* 78000100	THERMOPLASTIC PAVEMENT MARKING -	SQ FT	2493	1474	1019				
	LETTERS AND SYMBOLS								
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	57338	24163	33175				
	4"								
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	10584	5805	4779				
	6"								

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0005 65% STATE BENSENVILLE 35%	DUPAGE CO 0005 100% BENSENVILLE		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	1908	977	931				
	8"								
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	3989	1540	2449				
	12"								
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	1839	1025	814				
	24"								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2312	942	1370				
78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2102	800	1302				
	REMOVAL								
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	4593	1972	2621				
* 89502376	REBUILD EXISTING HANDHOLE	EACH	11	3	8				
* A2005516	TREE, NYSSA SYLVATICA (BLACK TUPELO),	EACH	32				32		
	2" CALIPER, BALLED AND BURLAPPED								
* B2004116	TREE, MALUS PRAIRIFIRE (PRAIRIFIRE	EACH	31				31		
	CRABAPPLE), 2" CALIPER, TREE FORM,								
	BALLED AND BURLAPPED								
* B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA	EACH	31				31		
	SNOW PEKING LILAC), 2" CALIPER, TREE								
	FORM, BALLED AND BURLAPPED								
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR	POUND	218		218				
	HERBICIDE								

13

11

* Specialty Items

Rev.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83
IL 19 (IRVING PARK RD.) TO IL 72 (OAKTON ST.)
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	5
		CONTRACT NO. 60N49		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0005 65% STATE BENSENVILLE 35%	DUPAGE CO 0005 100% BENSENVILLE
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	4		4		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	7371	2744	4627		
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	186,961	72,953	114,008		
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	2000	1000	1000		
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	10	5	5		
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	12,995	7322	5673		
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	47	32	15		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	25.7	25.7		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
X6061312	CONCRETE MEDIAN SURFACE, 5" (SPECIAL)	SQ FT	15,678			15,678	
* BZ005136	TREE MALUS SPRING SNOW (SPRING SNOW CRABAPPLE), 2" CALIPER, TREE FORM BALLED AND BURLAPPED	EACH	31				31
X6061311	CONCRETE MEDIAN SURFACE, 5"	SQ FT	9858	5821	4037		
~~*10095159~~	~~GRATING FOR CONCRETE FLARED END SECTION 10"~~	~~EACH~~	~~1~~		~~1~~		
12							

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	COOK CO 0005 100% STATE	DUPAGE CO 0005 100% STATE	DUPAGE CO 0005 65% STATE BENSENVILLE 35%	DUPAGE CO 0005 100% BENSENVILLE
Z0034105	MATERIAL TRANSFER DEVICE	TON	22,289	9858	12,431		
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	1374	352	1022		
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	9814	2517	7297		
60251200	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	11	5	6		
4							
~~① Z0076600~~	~~TRAINEES~~	~~HOUR~~	~~1000~~	~~1000~~			
① Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	1000	1000			

① 0042

*Specialty Items

Rev.

FILE NAME : c:\pw_work\pwidot\relchenbachrl\d0315650\D1319-sht-plan.dgn	USER NAME : relchenbachrl	DESIGNED -	REVISED -
	PLOT SCALE : 100.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE : 2/15/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83
IL 19 (IRVING PARK RD.) TO IL 72 (OAKTON ST.)
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	6
		CONTRACT NO. 60N49		

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

LEGEND

(1) EXIST. AGGREGATE SHOULDER, TYPE B''

(2) EXIST. STABILIZED SHOULDER, 10''

(3) EXIST. PIPE UNDERDRAIN, 6''

(4) EXIST. P.C.CONC. PAVEMENT, 10''

(5) EXIST. STABILIZED SUB-BASE, 4''

(6) EXISTING HMA SURFACE, 2½'' (±)

(6A) PROPOSED HOT-MIXED ASPHALT SURFACE REMOVAL - 2½''

(7) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-9.12 OR B-9.24

(8) EXIST. CONC. MEDIAN SURFACE, 4'' TO BE REMOVED

(9) EXIST. SAND FILL TO BE REMOVED AS UNSUITABLE MATERIAL

(10) EARTH EXCAVATED MATERIAL REMOVED AND SALVAGED (SEE NOTE 3)

(11) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-6.24 (MOD.)

(12) EXIST. SODDED MEDIAN SURFACE

(13) PROPOSED CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A

(14) PROPOSED CONCRETE MEDIAN SURFACE 5''

(15) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1''

(16) HOT-MIX ASPHALT SURFACE COURSE, MIX ''D'', N70 (IL-9.5MM) - 2''

(17) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 - 2''

(18) PROP. HMA BASE COURSE OR HMA BASE COURSE WIDENING, 10.5'', IL-19, N90

(19) PROP. CONCRETE CURB AND GUTTER, TYPE B-6.24

(19A) PROP. CONCRETE CURB AND GUTTER, TYPE B-6.12 OR B-6.24

(20) PROP. 12'' AGGREGATE SUBGRADE IMPROVEMENT

(21) PROP. AGGREGATE WEDGE SHOULDER, TYPE B

(22) HOT-MIXED ASPAHLT SURFACE REMOVAL - VARIABLE DEPTH

NOTES

1. MIRROR ABOUT CENTERLINE FOR LEFT TURN LANE EXTENSION FOR SB IL ROUTE 83

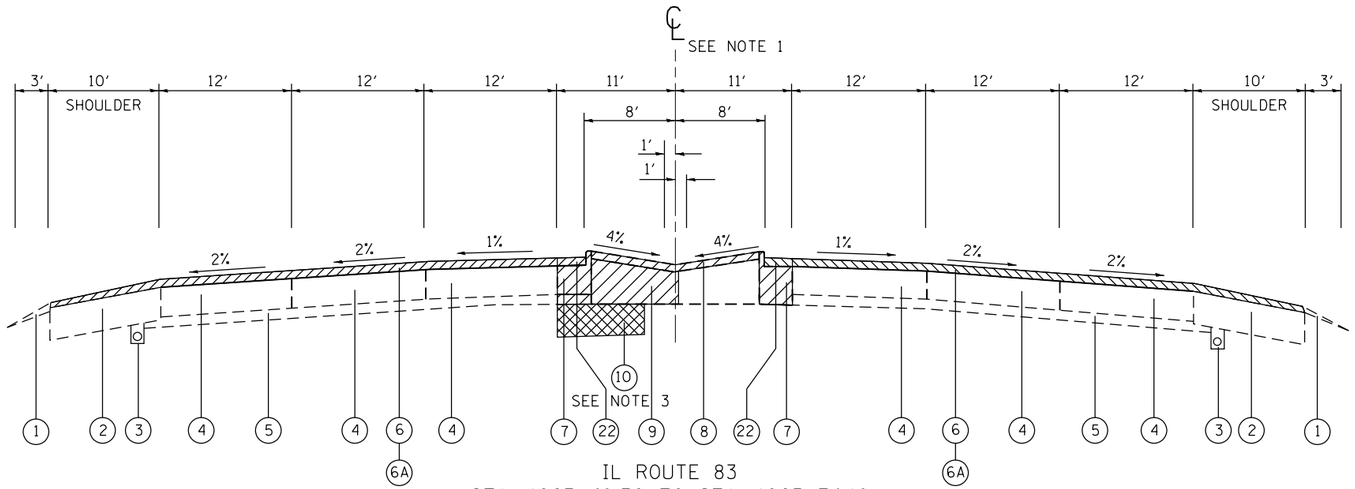
2. MEDIAN TO BE REMOVED AND REPLACED WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL).
   STA. 1065+04.30 TO STA. 1065+74.18
   STA. 1071+65.48 TO STA. 1073+86.3
   STA. 1088+93.05 TO STA. 1092+37.84
   STA. 1098+30.45 TO STA. 1098+68.15

   MEDIAN TO BE REMOVED AND REPLACED WITH CONCRETE MEDIAN SURFACE 5 INCH THICK
   STA. 1151+66.52 TO STA. 1153+47.8
   STA. 1158+99.50 TO STA. 1161+85.75

   MEDIAN TO BE REMOVED AND REPLACED TOPSOIL (VARIABLE DEPTH) AND SEEDING, CLASS 2A
   STA. 1063+48.3 TO STA. 1065+04.30
   STA. 1073+86.3 TO STA. 1075+42.2
   STA. 1087+37.1 TO STA. 1088+93.05
   STA. 1098+68.15 TO STA. 1100+24.10
   STA. 1149+86.40 TO STA. 1151+66.52

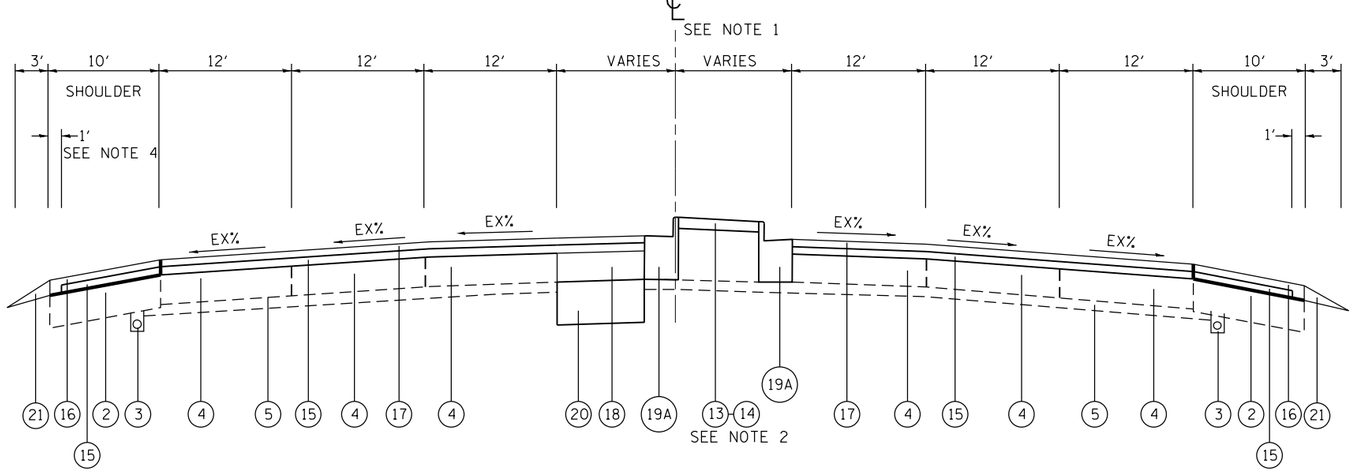
3. EARTH EXCAVATED MATERIAL REMOVED FROM LOCATIONS OF LEFT TURN LANE WIDENING/EXTENSION AREAS SHALL BE SALVAGED AND USED AS FILL MATERIAL FOR THE PROPOSED DITCH/SWALE BETWEEN DEVON AVE. AND MARK ST. MATERIAL MUST REMAIN ON SITE.

4. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER PRESENT). SURFACE MIX SHALL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



IL ROUTE 83
STA. 1063+48.30 TO STA. 1065+74.18
STA. 1071+65.48 TO STA. 1075+42.22
STA. 1087+37.10 TO STA. 1092+37.84
STA. 1098+30.45 TO STA. 1100+24.10
STA. 1149+86.41 TO STA. 1153+47.80
STA. 1158+99.54 TO STA. 1161+85.75

EXISTING TYPICAL SECTION



IL ROUTE 83
STA. 1063+48.30 TO STA. 1065+74.18
STA. 1071+65.48 TO STA. 1075+42.22
STA. 1087+37.10 TO STA. 1092+37.84
STA. 1098+30.45 TO STA. 1100+24.10
STA. 1149+86.41 TO STA. 1153+47.80
STA. 1158+99.54 TO STA. 1161+85.75

PROPOSED TYPICAL SECTION

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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 3/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83
IL 19 (IRVING PARK RD.) TO IL 72 (OAKTON ST.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	7
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

LEGEND

(1) EXIST. AGGREGATE SHOULDER, TYPE B''

(2) EXIST. STABILIZED SHOULDER, 10''

(3) EXIST. PIPE UNDERDRAIN, 6''

(4) EXIST. P.C.CONC. PAVEMENT, 10''

(5) EXIST. STABILIZED SUB-BASE, 4''

(6) EXISTING HMA SURFACE, 2½'' (±)

(6A) PROPOSED HOT-MIXED ASPHALT SURFACE REMOVAL - 2½''

(7) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-9.24

(8) EXIST. CONC. MEDIAN SURFACE, 4'' TO BE REMOVED

(9) EXIST. SAND FILL TO BE REMOVED AS UNSUITABLE MATERIAL

(10) EARTH EXCAVATED MATERIAL REMOVED AND SALVAGED (SEE NOTE 3)

(11) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-6.24 (MOD.)

(12) EXIST. SODDED MEDIAN SURFACE

(13) PROPOSED LANDSCAPE MEDIAN BURM AND SWALES. WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)

(14) PROPOSED CONCRETE MEDIAN SURFACE 5''

(15) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1''

(16) HOT-MIX ASPHALT SURFACE COURSE, MIX ''D'', N70 (IL-9.5MM) - 2''

(17) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 - 2''

(18) PROP. HMA BASE COURSE OR HMA BASE COURSE WIDENING, 10.5'', IL-19, N90

(19) PROP. CONCRETE CURB AND GUTTER, TYPE B-6.24

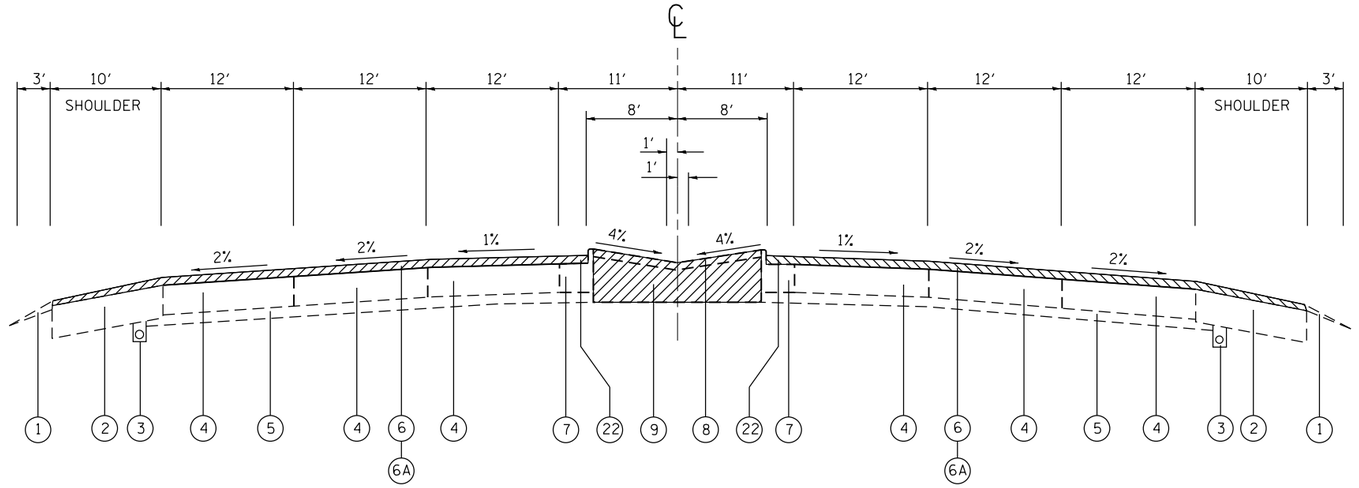
(20) PROP. 12'' AGGREGATE SUBGRADE IMPROVEMENT

(21) PROP. AGGREGATE WEDGE SHOULDER, TYPE B

(22) HOT-MIXED ASPAHLT SURFACE REMOVAL - VARIABLE DEPTH

NOTES

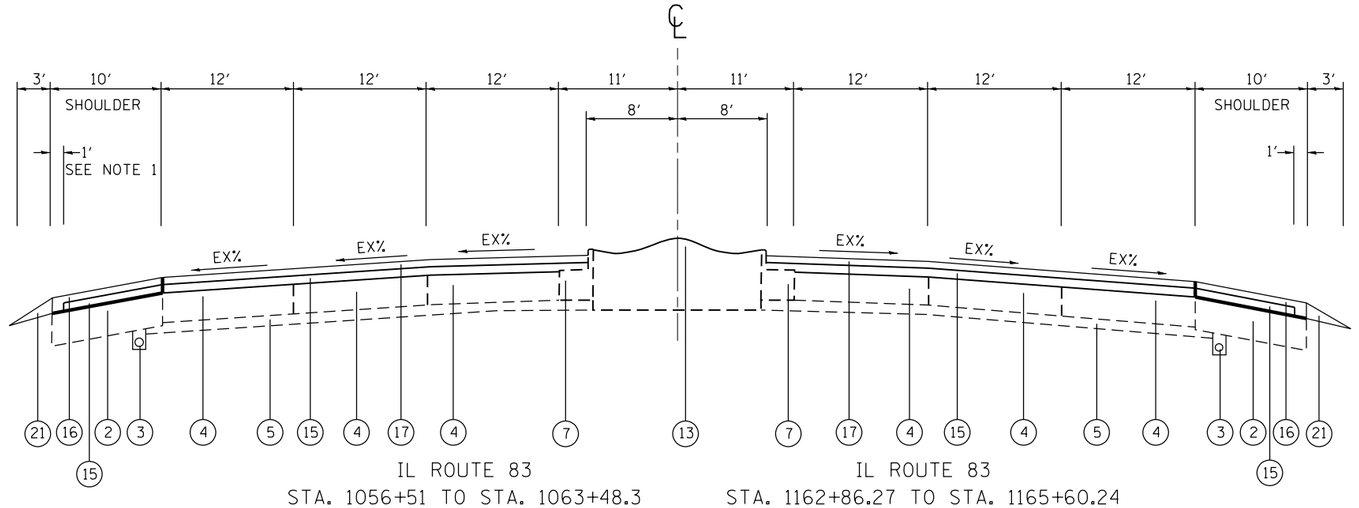
1. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER PRESENT). SURFACE MIX SHALL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



IL ROUTE 83
STA. 1056+51 TO STA. 1063+48.3
STA. 1075+42.22 TO STA. 1087+37.10
STA. 1100+24.10 TO STA. 1119+11.54
STA. 1124+28.91 TO STA. 1126+47.03
STA. 1147+16.18 TO STA. 1149+86.40

IL ROUTE 83
STA. 1162+86.27 TO STA. 1165+60.24
STA. 1180+16.8 TO STA. 1224+64.18
STA. 1248+36.44 TO STA. 1254+41.52
STA. 1257+73.06 TO STA. 1264+96.96
STA. 1269+03.7 TO STA. 1272+80.39

EXISTING TYPICAL SECTION



IL ROUTE 83
STA. 1056+51 TO STA. 1063+48.3
STA. 1075+42.22 TO STA. 1087+37.10
STA. 1100+24.10 TO STA. 1119+11.54
STA. 1124+28.91 TO STA. 1126+47.03
STA. 1147+16.18 TO STA. 1149+86.40

IL ROUTE 83
STA. 1162+86.27 TO STA. 1165+60.24
STA. 1180+16.8 TO STA. 1224+64.18
STA. 1248+36.44 TO STA. 1254+41.52
STA. 1257+73.06 TO STA. 1264+96.96
STA. 1269+03.7 TO STA. 1272+80.39

PROPOSED TYPICAL SECTION

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		**EXISTING AND PROPOSED TYPICAL SECTIONS**
$MODELNAME$	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

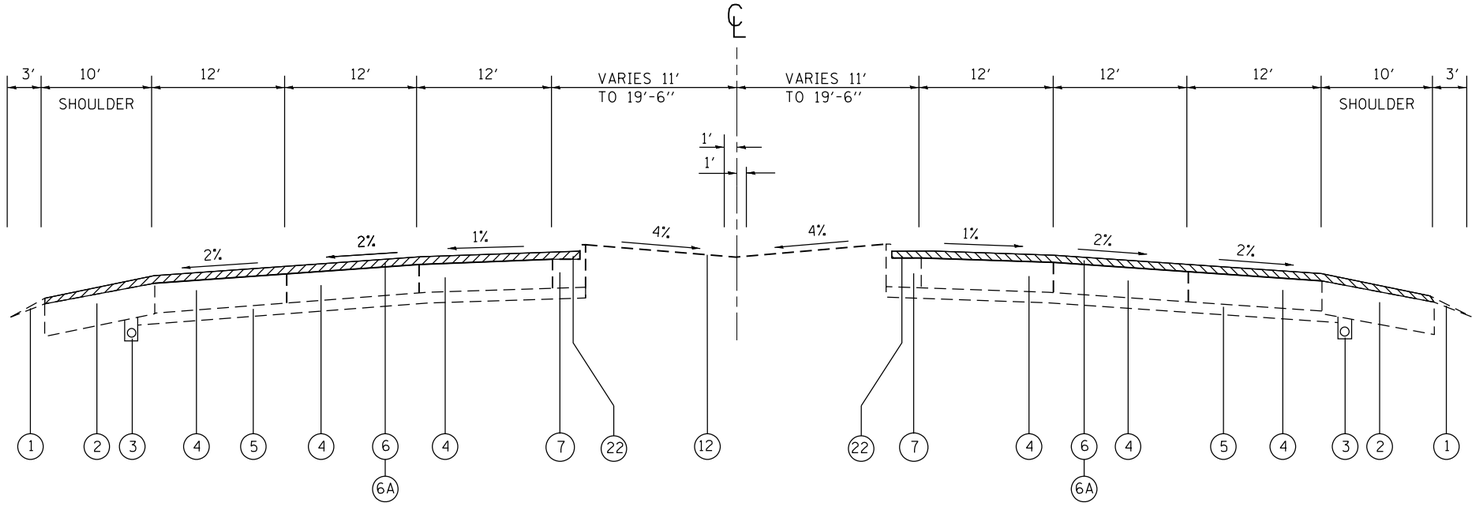
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	8
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

LEGEND

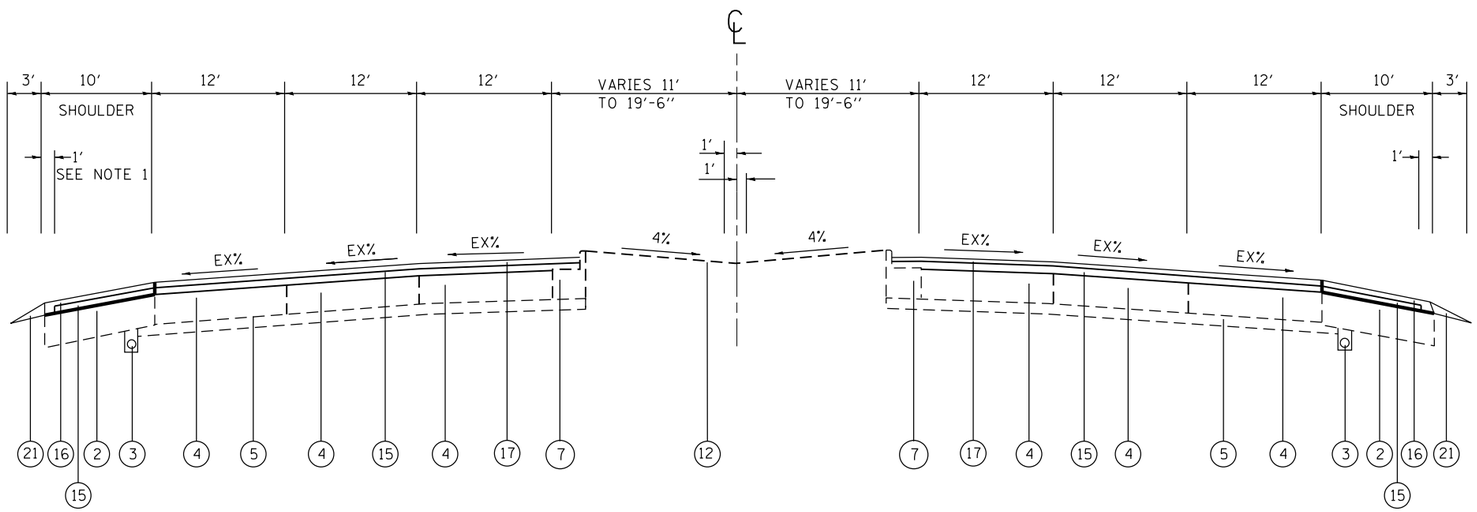
(1) EXIST. AGGREGATE SHOULDER, TYPE B''
(2) EXIST. STABILIZED SHOULDER, 10''
(3) EXIST. PIPE UNDERDRAIN, 6''
(4) EXIST. P.C.CONC. PAVEMENT, 10''
(5) EXIST. STABILIZED SUB-BASE, 4''
(6) EXISTING HMA SURFACE, 2½'' (±)
(6A) PROPOSED HOT-MIXED ASPHALT SURFACE REMOVAL - 2½''
(7) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-9.24
(8) EXIST. CONC. MEDIAN SURFACE, 4'' TO BE REMOVED
(9) EXIST. SAND FILL TO BE REMOVED AS UNSUITABLE MATERIAL
(10) EARTH EXCAVATED MATERIAL REMOVED AND SALVAGED (SEE NOTE 3)
(11) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-6.24 (MOD.)
(12) EXIST. SODDED MEDIAN SURFACE
(13) PROPOSED LANDSCAPE MEDIAN BURM AND SWALES. WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)
(14) PROPOSED CONCRETE MEDIAN SURFACE 5''
(15) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1''
(16) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM) - 2''
(17) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 - 2''
(18) PROP. HMA BASE COURSE OR HMA BASE COURSE WIDENING, 10.5'', IL-19, N90
(19) PROP. CONCRETE CURB AND GUTTER, TYPE B-6.24
(20) PROP. 12'' AGGREGATE SUBGRADE IMPROVEMENT
(21) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
(22) HOT-MIXED ASPAHLT SURFACE REMOVAL - VARIABLE DEPTH

NOTES

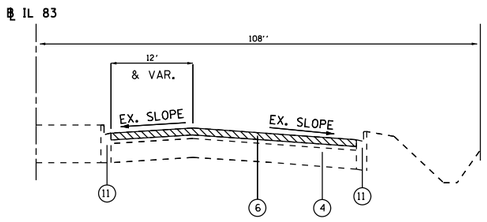
1. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER PRESENT). SURFACE MIX SHALL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



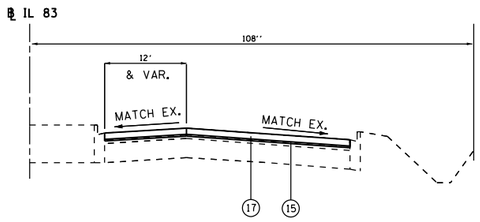
IL ROUTE 83
STA. 1126+47.03 STA. 1147+16.18
EXISTING TYPICAL SECTION



IL ROUTE 83
STA. 1126+54 TO STA. 1147+16.18
PROPOSED TYPICAL SECTION



CURB AND GUTTER DETAIL SECTION
STA. 1165+62 TO STA. 1180+13
STA. 1232+64 TO STA. 1246+72
STA. 1277+85 TO STA. 1279+00



CURB AND GUTTER DETAIL SECTION
STA. 1165+21 TO STA. 1180+13
STA. 1232+64 TO STA. 1246+72
STA. 1277+85 TO STA. 1279+00

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	PLOT SCALE = 100.0000 '/ in.	DRAWN -	REVISED -		
$MODELNAME$	PLOT DATE = 3/15/2013	CHECKED -	REVISED -		
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	9
		CONTRACT NO. 60N49		
	ILLINOIS	FED. AID PROJECT		

LEGEND

(1) EXIST. AGGREGATE SHOULDER, TYPE B''

(2) EXIST. STABILIZED SHOULDER, 10''

(3) EXIST. PIPE UNDERDRAIN, 6''

(4) EXIST. P.C.CONC. PAVEMENT, 10''

(5) EXIST. STABILIZED SUB-BASE, 4''

(6) EXISTING HMA SURFACE, 2½'' (±)

(6A) PROPOSED HOT-MIXED ASPHALT SURFACE REMOVAL - 2½''

(7) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-9.24

(7A) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-9.12 OR B-6.24

(8) EXIST. CONC. MEDIAN SURFACE, 4'' TO BE REMOVED

(9) EXIST. SAND FILL TO BE REMOVED AS UNSUITABLE MATERAIL

(10) EARTH EXCAVATED MATERIAL REMOVED AND SALVAGED (SEE NOTE 3)

(11) EXIST. COMB. CONC. CURB AND GUTTER, TYPE B-6.24 (MOD.)

(12) EXIST. SODDED MEDIAN SURFACE

(13) PROPOSED LANDSCAPE MEDIAN BURM AND SWALES. WITH TOPSOIL - VARIABLE DEPTH AND SEEDING, CLASS 2A (SEE LANDSCAPING DETAIL)

(14) PROPOSED CONCRETE MEDIAN SURFACE 5''

(15) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1''

(16) HOT-MIX ASPHALT SURFACE COURSE, MIX ''D'', N70 (IL-9.5MM) - 2''

(17) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 - 2''

(18) PROP. HMA BASE COURSE OR HMA BASE COURSE WIDENING, 10.5'', IL-19, N90

(19) PROP. CONCRETE CURB AND GUTTER, TYPE B-6.24

(19A) PROP. CONCRETE CURB AND GUTTER, TYPE B-6.12 OR B-6.24

(20) PROP. 12'' AGGREGATE SUBGRADE IMPROVEMENT

(21) PROP. AGGREGATE WEDGE SHOULDER, TYPE B

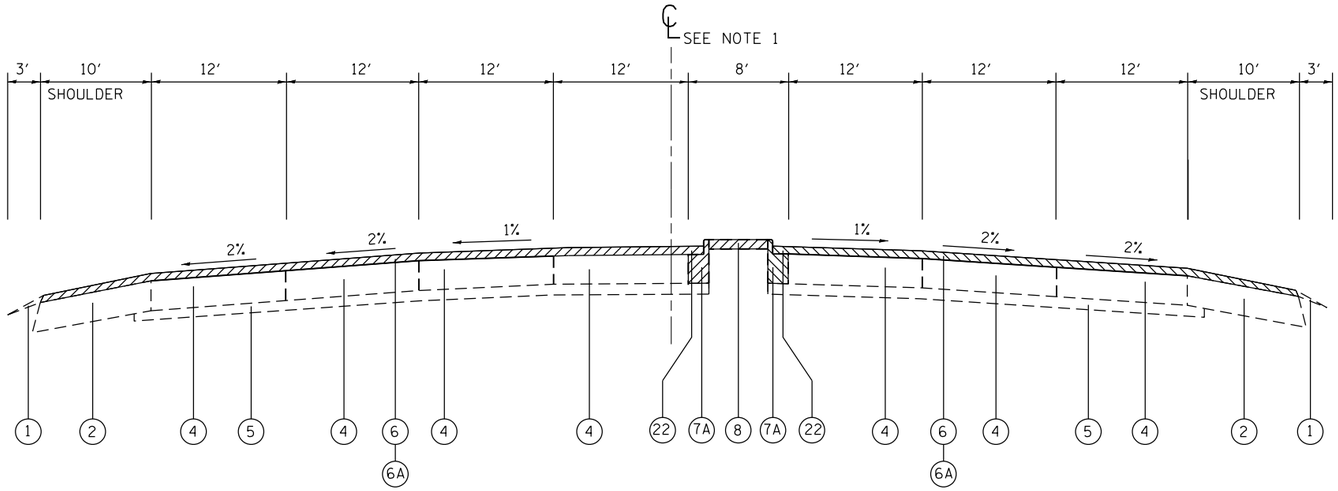
(22) HOT-MIXED ASPAHLT SURFACE REMOVAL - VARIABLE DEPTH

NOTES

1. MIRROR ABOUT CENTERLINE FOR LEFT TURN LANE FOR SB IL ROUTE 83

2. MEDIAN TO BE REMOVED AND REPLACED WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL).
   STA. 1065+74.18 TO STA. 1071+65.48
   STA. 1092+37.8 TO STA. 1098+30.45
   STA. 1119+11.5 TO STA. 1232+69.84
   MEDIAN TO BE REMOVED AND REPLACED WITH CONCRETE MEDIAN SURFACE 5 INCH THICK
   STA. 1151+66.52 TO STA. 1153+47.8
   STA. 1224+64.18 TO STA. 1227+59.34
   STA. 1254+41.52 TO STA. 1257+73.06
   STA. 1264+96.96 TO STA. 1269+03.7
   STA. 1272+80.39 TO STA. 1279+00

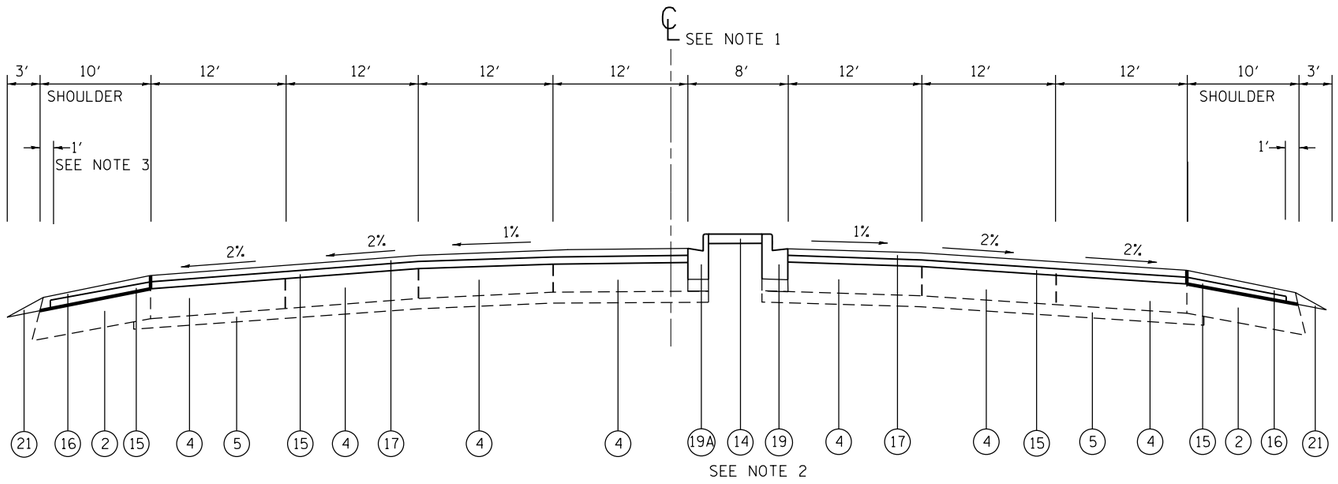
3. PLACEMENT OF POLYMERIZED LEVELING BINDER SHALL STOP ONE FOOT FROM THE EDGE OF SHOULDER (NO CURB AND GUTTER PRESENT). SURFACE MIX SHALL BE USED FULL DEPTH WITHIN THE REMAINING FOOT.



IL ROUTE 83
STA. 1065+74.18 TO STA. 1071+65.48
STA. 1092+37.8 TO STA. 1098+30.45
STA. 1119+11.5 TO STA. 1232+69.84
STA. 1153+47.8 TO STA. 1158+99.54

IL ROUTE 83
STA. 1254+41.52 TO STA. 1257+73.06
STA. 1264+96.96 TO STA. 1269+03.7
STA. 1272+80.39 TO STA. 1279+00

EXISTING TYPICAL SECTION



IL ROUTE 83
STA. 1065+74.18 TO STA. 1071+65.48
STA. 1092+37.8 TO STA. 1098+30.45
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IL ROUTE 83
STA. 1254+41.52 TO STA. 1257+73.06
STA. 1264+96.96 TO STA. 1269+03.7
STA. 1272+80.39 TO STA. 1279+00

PROPOSED TYPICAL SECTION

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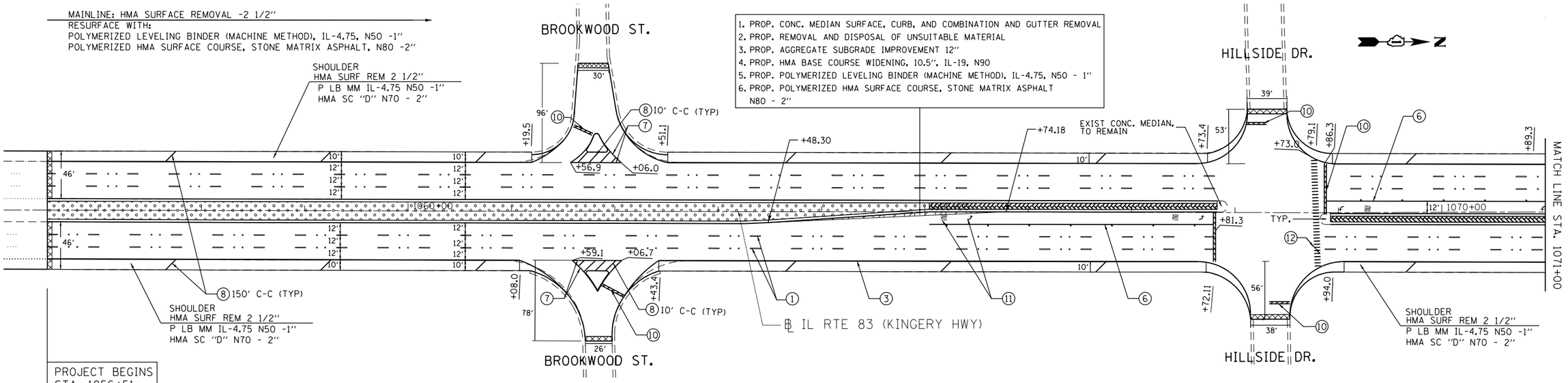
		DRAWN -	REVISED -
$MODELNAME$	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
	PLOT DATE = 3/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83
IL 19 (IRVING PARK RD.) TO IL 72 (OAKTON ST.)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	10
		CONTRACT NO. 60N49		
	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND (SEE NOTE 1)

1. THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
2. THERMOPLASTIC PAVEMENT MARKING 8" WHITE DOTTED LINE (9' SKIP 3' DASH)
3. THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE
4. THERMOPLASTIC PAVEMENT MARKING 4" SOLID YELLOW LINE
5. THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C
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11. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)
12. THERMOPLASTIC CROSSWALK PAVEMENT MARKING (6' LONGITUDINAL BARS) 12" WIDE AT 90 DEGREES 2' APART (SOLID WHITE)

LEGEND AND NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
2. REFER TO DISTRICT 1 RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) FOR ADDITIONAL INFORMATION.
3. STOP BAR SHALL NOT EXTEND BEYOND MEDIAN
4. SEE LANDSCAPING PLANS FOR SEEDING NOTES, TREE SCHEDULE, AND STAMPED COLORED PCC MEDIAN SURFACE DETAIL

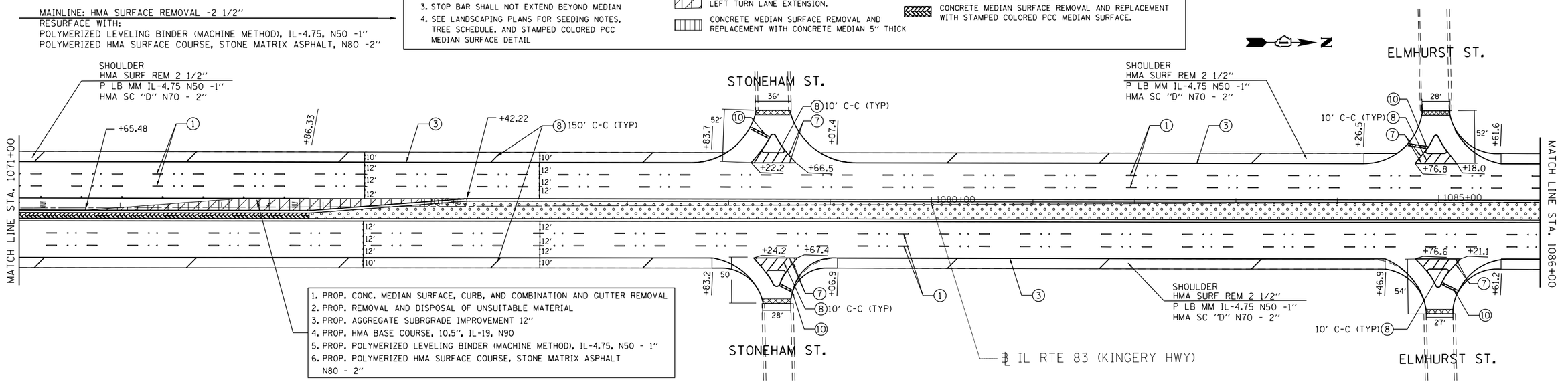
SURFACE REMOVAL BUTT JOINT SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)

LEFT TURN LANE EXTENSION.

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN 5" THICK

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND LANDSCAPING PLANS FOR DETAILS

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE.



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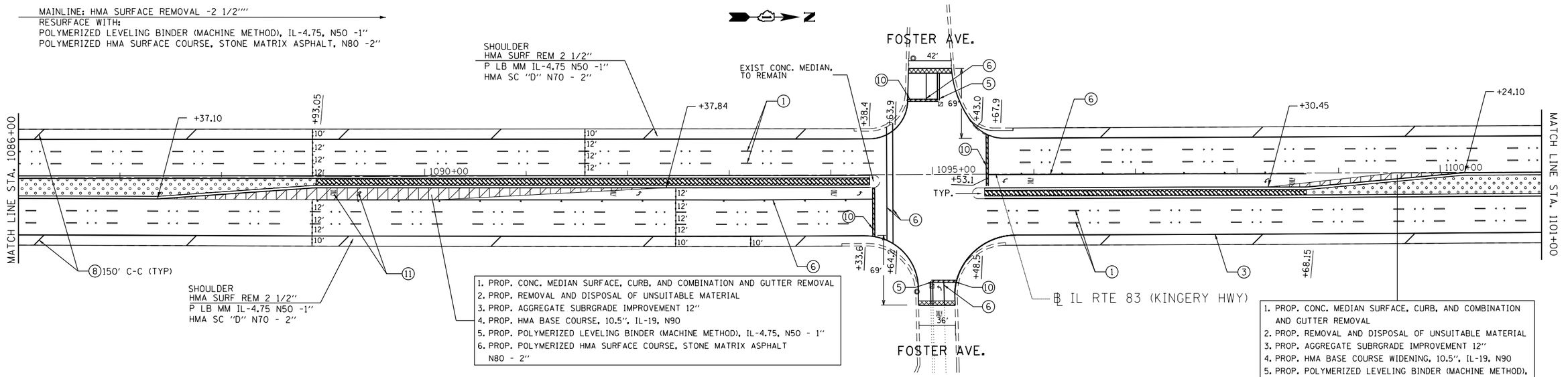
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -		SCALE: SHEET OF SHEETS STA. 1056+00 TO STA. 1086+00
$MODELNAME$	PLOT DATE = 3/15/2013	CHECKED -	REVISED -		
		DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	11
		CONTRACT NO. 60N49		
		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND (SEE NOTE 1)

1. THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
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LEFT TURN LANE EXTENSION.

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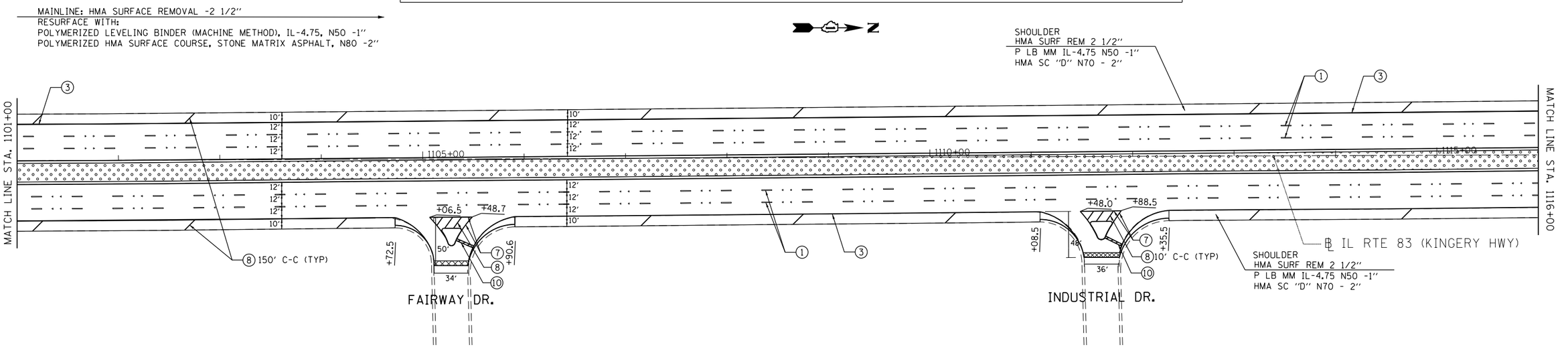
CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND LANDSCAPING PLANS FOR DETAILS

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE.



FILE NAME =	USER NAME = ledezmarm	DESIGNED -	REVISED - RL 3/15/2013	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**IL ROUTE 83** **IL 19 (IRVING PARK RD) TO IL 72 (OAKTON ST.)** **ROADWAY AND PAVEMENT MARKING PLANS**
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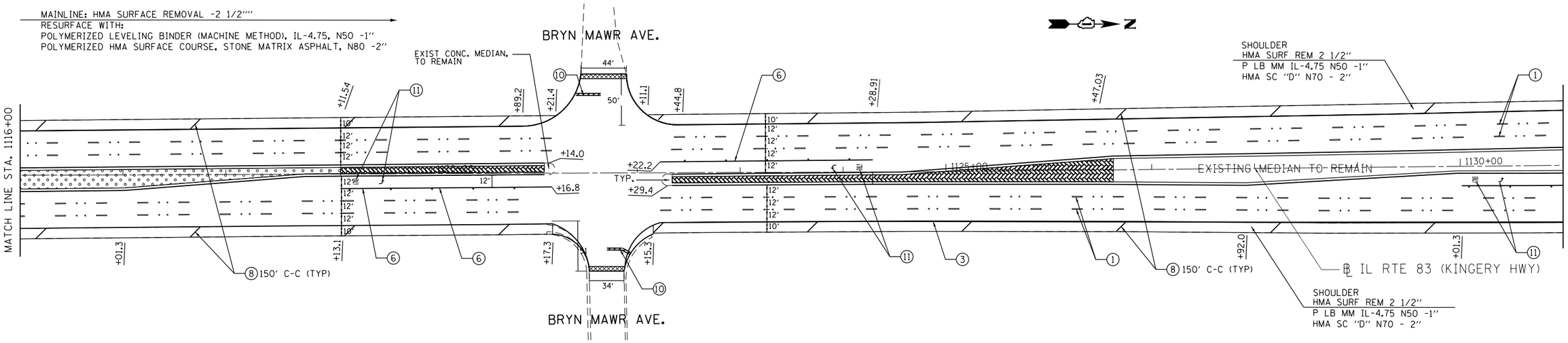
$MODELNAME$	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 1086+00 TO STA. 1116+00
	PLOT DATE = 3/15/2013	DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	12
		CONTRACT NO. 60N49		
		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND (SEE NOTE 1)

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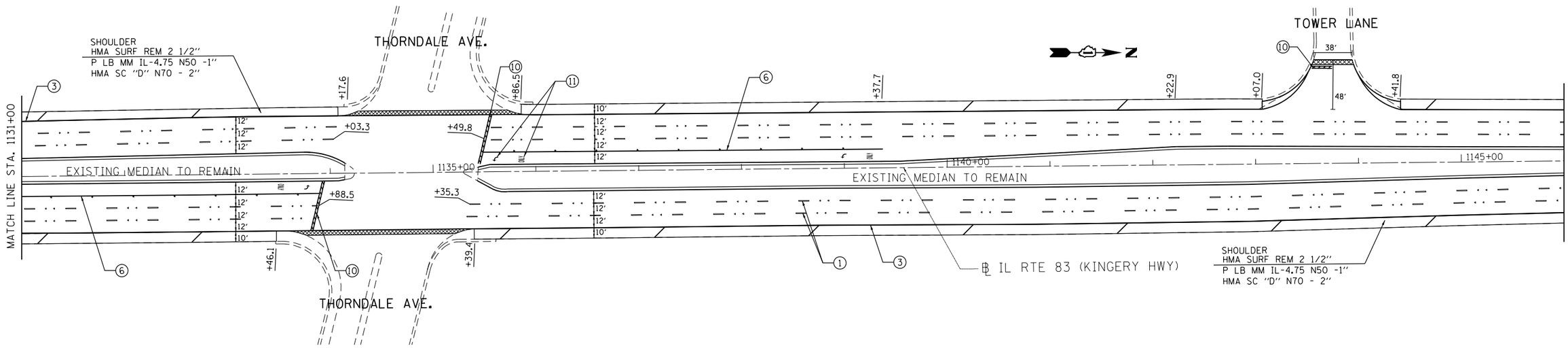
SURFACE REMOVAL BUTT JOINT SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)

LEFT TURN LANE EXTENSION.

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN 5'' THICK

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND LANDSCAPING PLANS FOR DETAILS

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE.



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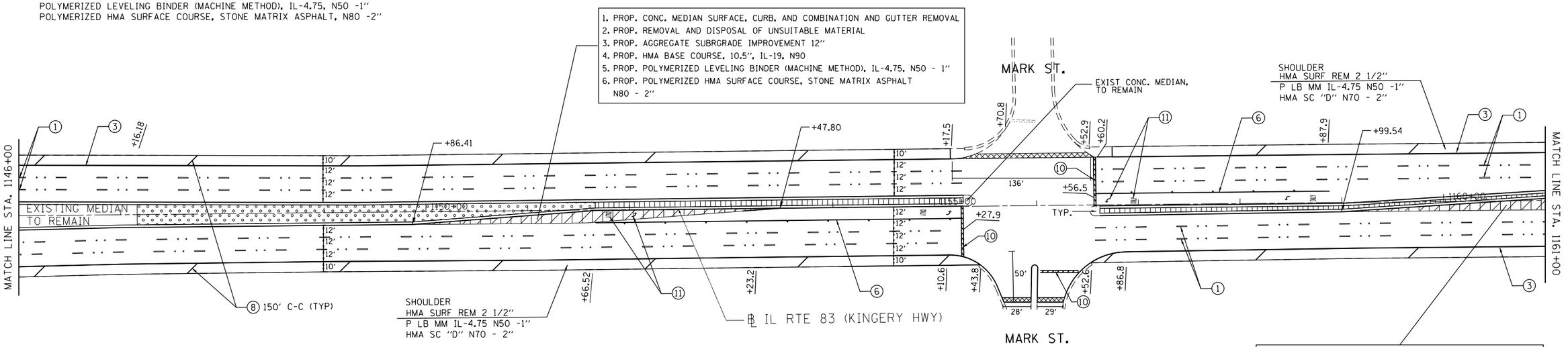
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -		
$MODELNAME$	PLOT DATE = 3/15/2013	CHECKED -	REVISED -		
		DATE -	REVISED -		

SCALE: | SHEET OF SHEETS | STA. 1116+00 TO STA. 1146+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	13
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

MAINLINE: HMA SURFACE REMOVAL -2 1/2"
RESURFACE WITH:
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -1"
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"



PAVEMENT MARKING LEGEND (SEE NOTE 1)

1. THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
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LEFT TURN LANE EXTENSION.

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN 5" THICK

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND LANDSCAPING PLANS FOR DETAILS

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE.

MAINLINE: HMA SURFACE REMOVAL -2 1/2"
RESURFACE WITH:
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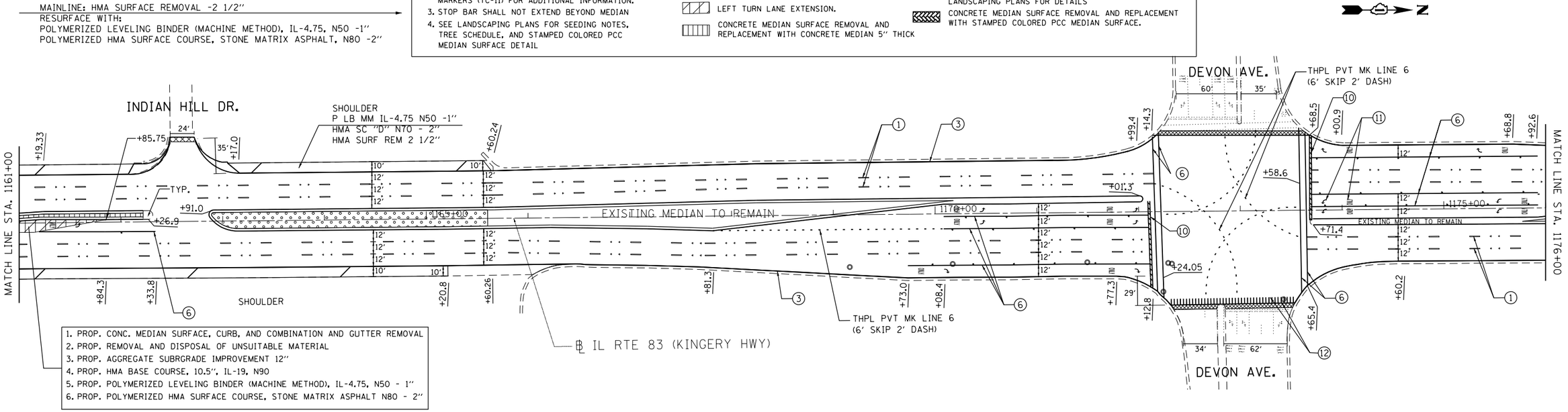
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80 -2"



FILE NAME =	USER NAME = ledezmarm	DESIGNED -	REVISED - RL 3/15/2013	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**IL ROUTE 83** **IL 19 (IRVING PARK RD) TO IL 72 (OAKTON ST.)** **ROADWAY AND PAVEMENT MARKING PLANS**
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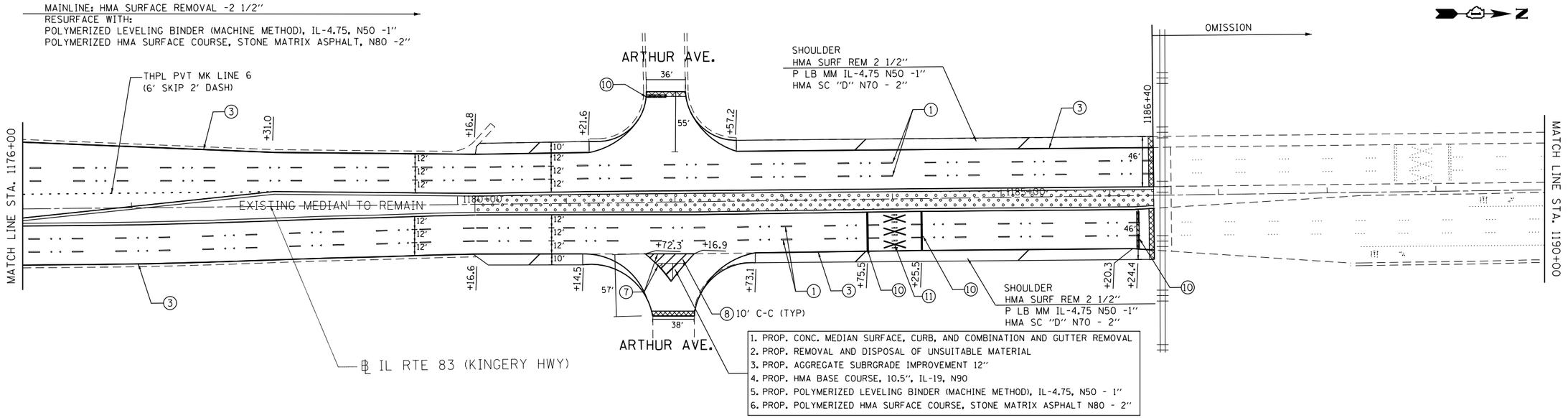
$MODELNAME$	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 1146+00 TO STA. 1176+00
	PLOT DATE = 3/15/2013	DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	14
		CONTRACT NO. 60N49		
		ILLINOIS FED. AID PROJECT		



PAVEMENT MARKING LEGEND (SEE NOTE 1)

1. THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
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CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN 5" THICK

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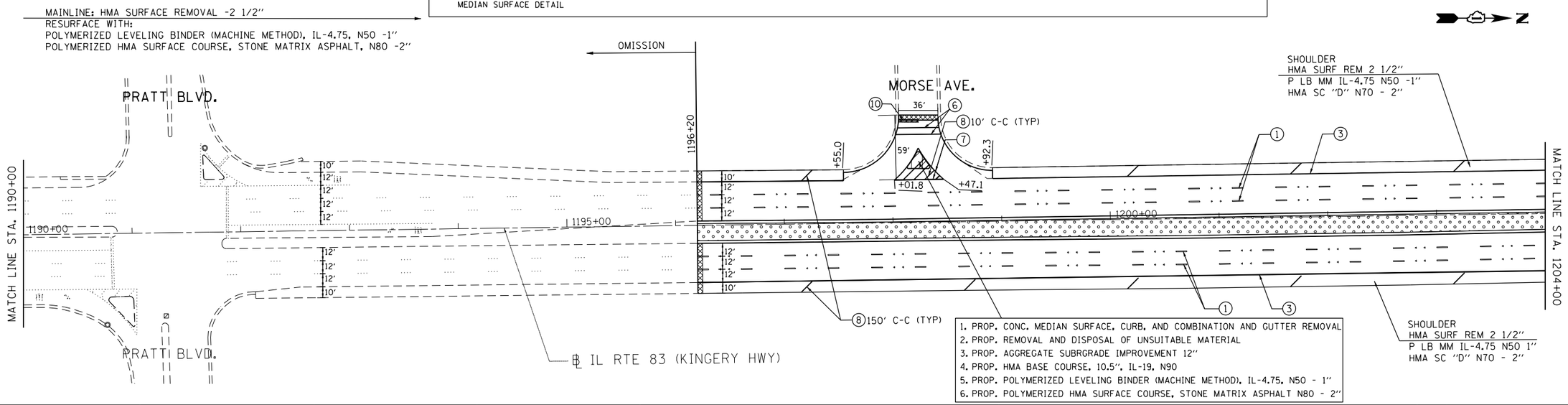
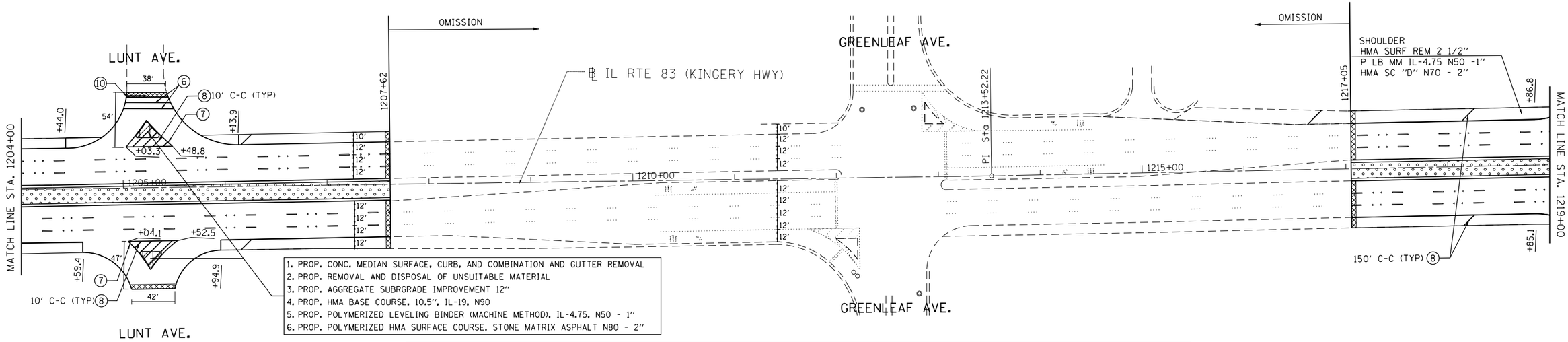


FILE NAME = c:\pw_work\pwidot\ledezmarm\d0315650\D1319ll-sht-plan.dgn	USER NAME = ledezmarm	DESIGNED -	REVISED - RL 3/15/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 IL 19 (IRVING PARK RD) TO IL 72 (OAKTON ST.) ROADWAY AND PAVEMENT MARKING PLANS
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -		
$MODELNAME$	PLOT DATE = 3/15/2013	CHECKED -	REVISED -		
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. 1176+00 TO STA. 1204+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	15
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			



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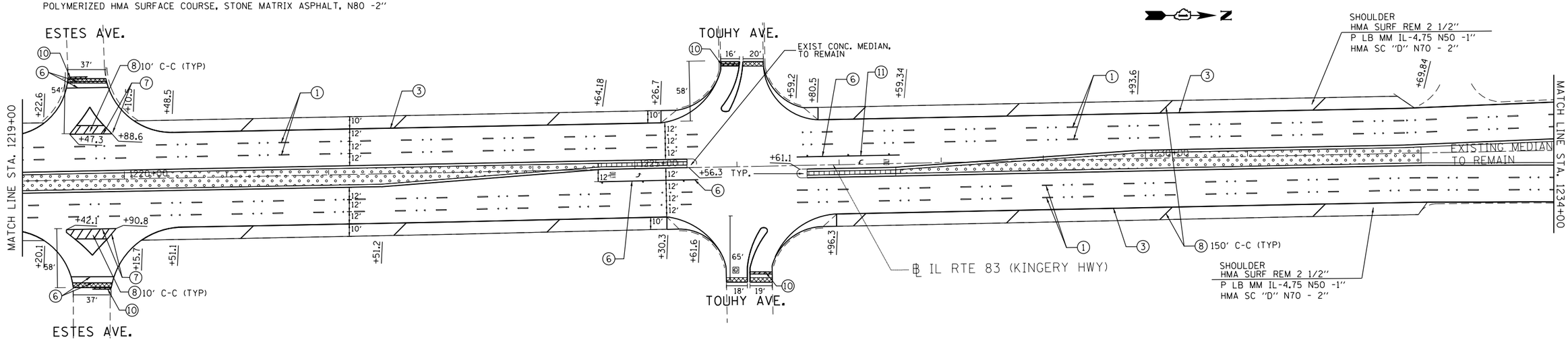

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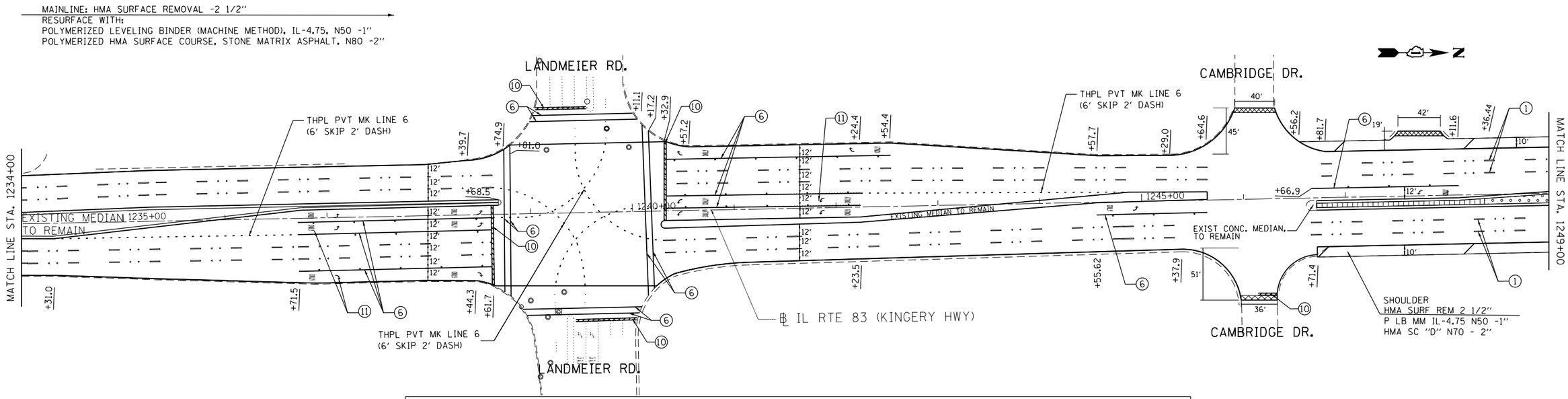
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -		
$MODELNAME$	PLOT DATE = 3/15/2013	CHECKED -	REVISED -		
		DATE -	REVISED -		

SCALE: | SHEET OF SHEETS | STA. 1204+00 TO STA. 1234+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	16
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			



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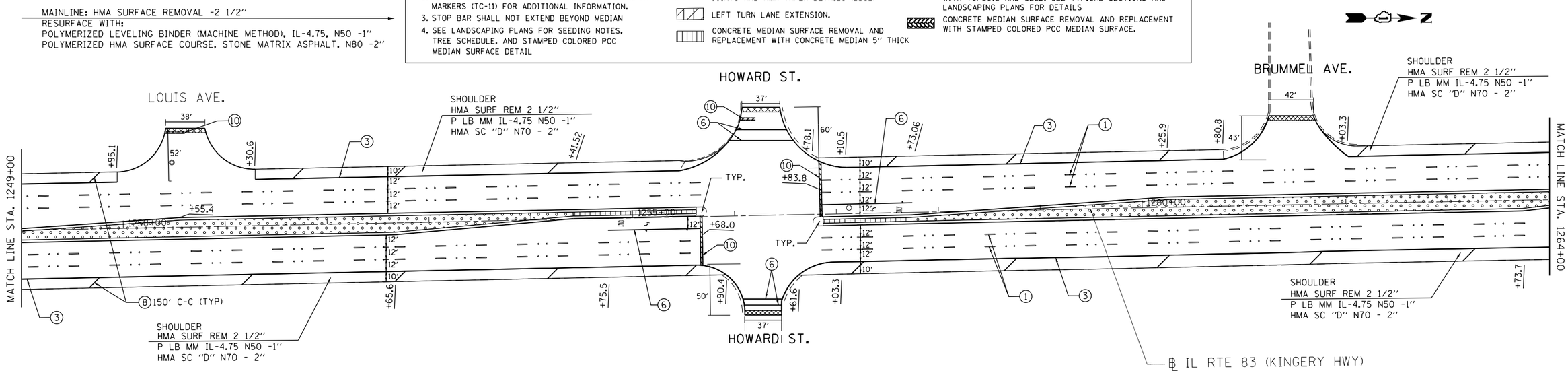

FILE NAME =	USER NAME = ledezmarm	DESIGNED -	REVISED - RL 3/15/2013	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**IL ROUTE 83** **IL 19 (IRVING PARK RD) TO IL 72 (OAKTON ST.)** **ROADWAY AND PAVEMENT MARKING PLANS**
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$MODELNAME$	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. 1234+00 TO STA. 1264+00
	PLOT DATE = 3/15/2013	DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	17
		CONTRACT NO. 60N49		
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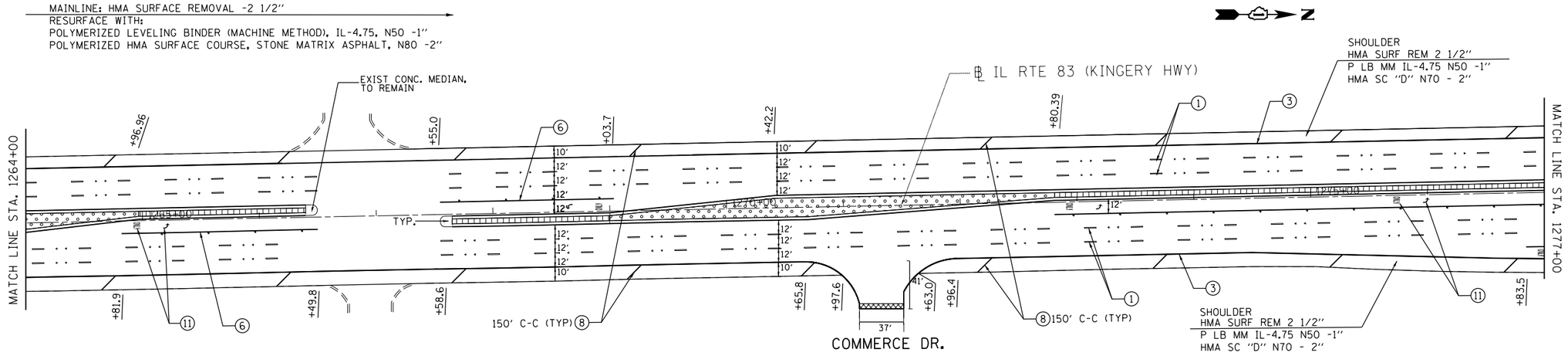


PAVEMENT MARKING LEGEND (SEE NOTE 1)

1. THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH)
2. THERMOPLASTIC PAVEMENT MARKING 8" WHITE DOTTED LINE (9' SKIP 3' DASH)
3. THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE
4. THERMOPLASTIC PAVEMENT MARKING 4" SOLID YELLOW LINE
5. THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C
6. THERMOPLASTIC PAVEMENT MARKING 6" WHITE LINE
7. THERMOPLASTIC PAVEMENT MARKING 8" WHITE LINE
8. THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL WHITE LINE
9. THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL YELLOW LINE
10. THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR
11. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP)
12. THERMOPLASTIC CROSSWALK PAVEMENT MARKING (6' LONGITUDINAL BARS) 12" WIDE AT 90 DEGREES 2' APART (SOLID WHITE)

LEGEND AND NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
2. REFER TO DISTRICT 1 RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) FOR ADDITIONAL INFORMATION.
3. STOP BAR SHALL NOT EXTEND BEYOND MEDIAN
4. SEE LANDSCAPING PLANS FOR SEEDING NOTES, TREE SCHEDULE, AND STAMPED COLORED PCC MEDIAN SURFACE DETAIL

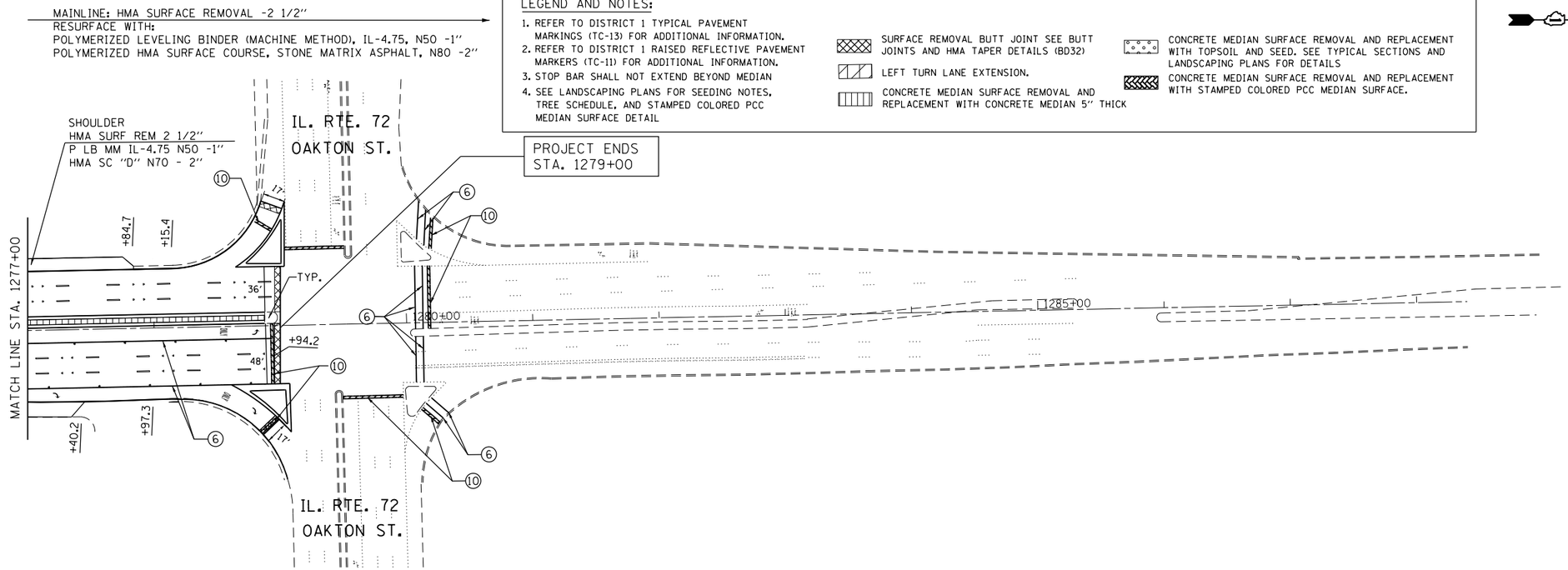
SURFACE REMOVAL BUTT JOINT SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)

LEFT TURN LANE EXTENSION.

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN 5" THICK

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED. SEE TYPICAL SECTIONS AND LANDSCAPING PLANS FOR DETAILS

CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE.



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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -		
$MODELNAME$	PLOT DATE = 3/15/2013	CHECKED -	REVISED -		
		DATE -	REVISED -		

SCALE: | SHEET OF SHEETS | STA. 1264+00 TO STA. 1279+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	18
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

DRAINAGE NOTES:

1. ALL DRAINAGE STRUCTURES SHOULD INCLUDE FLAT SLAP TOP.

2. STORM WATER STRUCTURE OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS ARE TO THE CENTER OF STRUCTURE.

3. DRAINAGE PIPE AND STRUCTURE LOCATIONS ARE BASED ON PROPOSED DRAINAGE PLAN ALIGHNMENT

4. DRAINAGE PLAN BENCHMARK:
   NGS BENCHMARK: POINT ID (PID) AJ2823
   EB DEVON AVE. ALONG FENCE
   IN FRONT OF 1572 E. DEVON AVE.
   ELEVATION = 672.92 FT

5. DRAINAGE PLAN CONTROL PTS.
   CP1: MANHOLE CENTER OF RIM
   NB IL 83 BEHIND CURB AND GUTTER
   IN FRONT OF 2425 E. DEVON AVE
   ELEVATION = 674.70 FT
   CP2: MANHOLE CENTER OF RIM
   SW CORNER OF MARK ST
   ELEVATION = 674.12 FT

6. DRAINAGE PLAN STATION EQUATION:
   STA. 1154+64.66 BK = STA. 40+00.00 AH

* DRAINAGE STRUCTURE SHOULD INCLUDE 18" SLUMP

DRAINAGE STRUCTURES TABLE

	NO.	STATION	OFFSET (FT)	STRUCTURE TYPE			DIA. (FT)	F & G TYPE	RIM ELEV. (FT)	INVERT (FT)	INVERT (FT)	INVERT (FT)
				MH	CB	INL						
	1	40+40.0	74.79 LT	EX.			4	1	674.1	666.4 N		
	2	43+00.0	72.73 LT		A		4	8	673.5	668.2 N	668.2 S	
	3	43+87.6	72.24 LT		EX.		EX.	EX.	673.7	668.4 N	668.4 S	
	4	44+11.9	71.62 LT		EX.		EX.	EX.	673.5	668.5 N	668.5 S	
	5	46+00.0	71.56 LT		A		4	8	673.0	669.0 N	669.7 S	
	6	50+00.0	71.31 LT		A		4	8	671.0	668.0 N		
	7	51+00.0	66.86 LT		A		5	8	671.5	667.5 E		
	8	51+53.0	68.07 LT		A		4	8	670.5		668.0 S	
	9	53+16.6	66.33 LT		A		4	8	673.5		668.5 S	
*	10	51+00.0	0.30 LT		A		4	8	674.5	667.3 NE	667.3 W	
	11	50+58.0	76.39 RT		A		4	8	670.3	668.0 NW		
	12	51+53.5	50.45 RT		EX.		5	EX.	673.7	666.3 N	667.1 SW	667.5 SE

DRAINAGE PIPE TABLE

NO.	PIPE LOCATION		STATION - STATION	DESCRIPTION / COMMENTS	DIA. (IN.)	LENGHT (FT)	SLOPE (%)	TRENCH BACKFILL (CY)
	FROM STR.	TO STR.						
1	EX 24"RCP	2	42+37.47 - 43+00.00	SS. CLASS A, TYPE 1	24	60	0.69	-
2	2	EX 24"RCP	43+00.00 - 43+74.60	SS. CLASS A, TYPE 1	24	70	0.24	-
3	EX 24"RCP	5	44+26.11 - 46+00.00	SS. CLASS A, TYPE 1	24	170	0.27	-
4	5	PROP. 18"FES	46+00.00 - 48+25.26	SS. CLASS A, TYPE 1	18	230	1.00	-
5	6	7	50+00.00 - 51+00.00	SS. CLASS A, TYPE 1	18	100	0.50	-
6	7	8	51+00.00 - 51+53.00	SS. CLASS A, TYPE 1	18	50	1.00	-
7	8	9	51+53.00 - 53.16.60	SS. CLASS A, TYPE 1	18	160	0.50	-
8	9	EX 18"RCP	53.16.60 - 53+57.44	SS. CLASS A, TYPE 1	18	40	1.26	-
9	7	10	51+00.00 - 51+00.00	SS. CLASS A, TYPE 1	18	65	0.30	-
10	11	12	51+58.00 - 51+53.50	SS. CLASS A, TYPE 1	15	100	0.50	-

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$MODELNAME$	PLOT DATE = 2/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. ROUTE 83 (BUSSE/KINGERY) DEVON AVE – MARK AVE
DRAINAGE SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	19
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

PLAN
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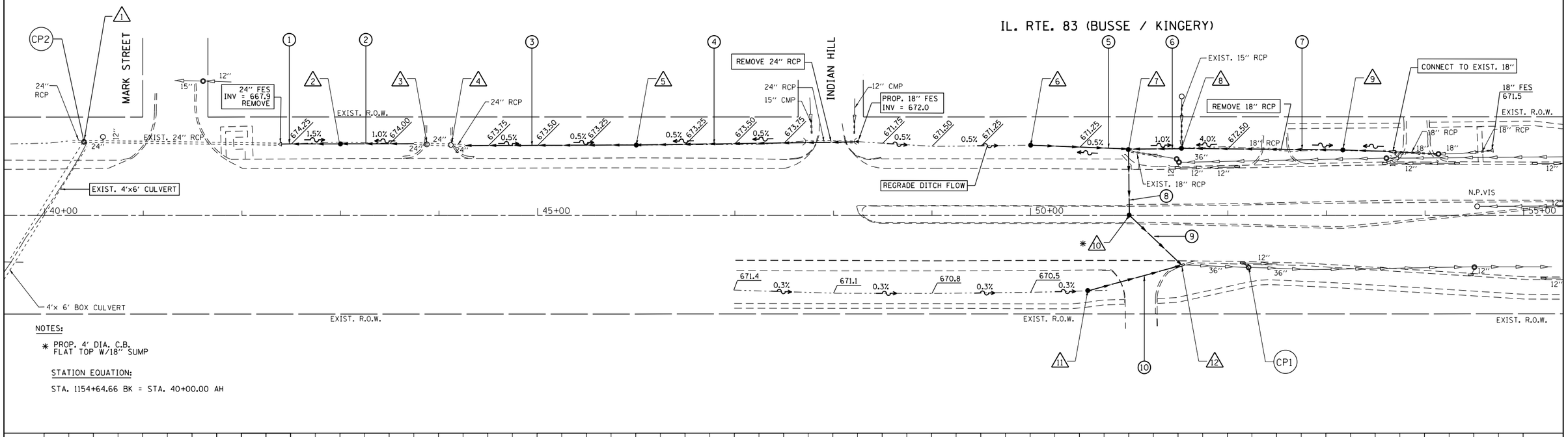
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY



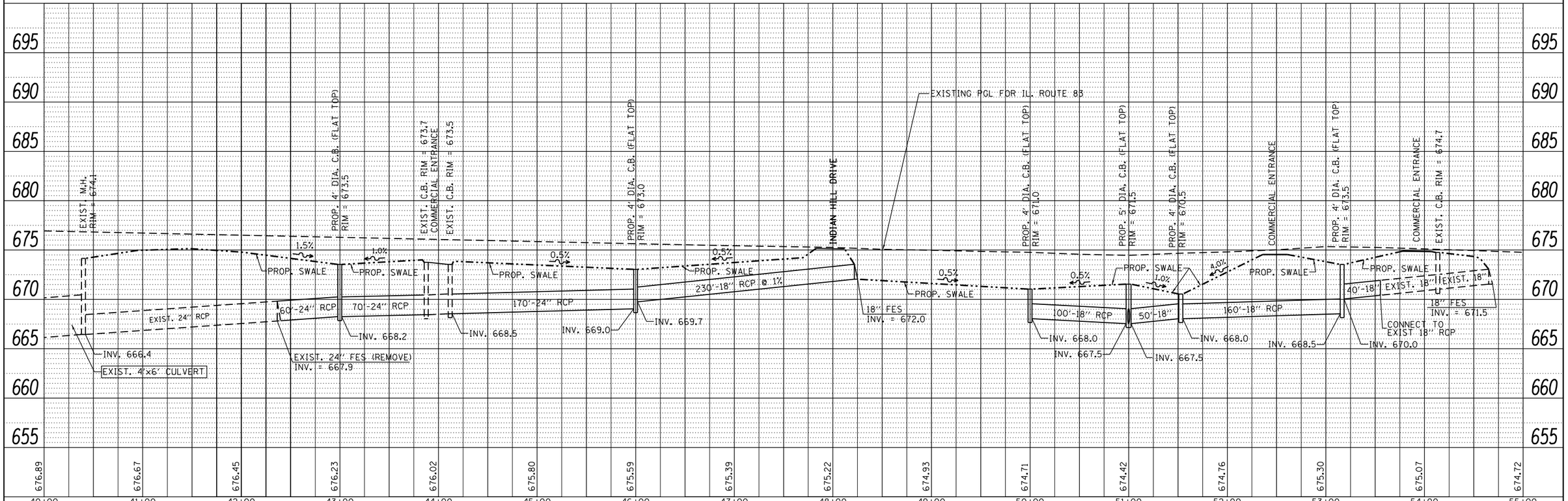
NOTES:

* PROP. 4' DIA. C.B. FLAT TOP W/18" SUMP

STATION EQUATION:

STA. 1154+64.66 BK = STA. 40+00.00 AH

PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHKD
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
DATE
BY



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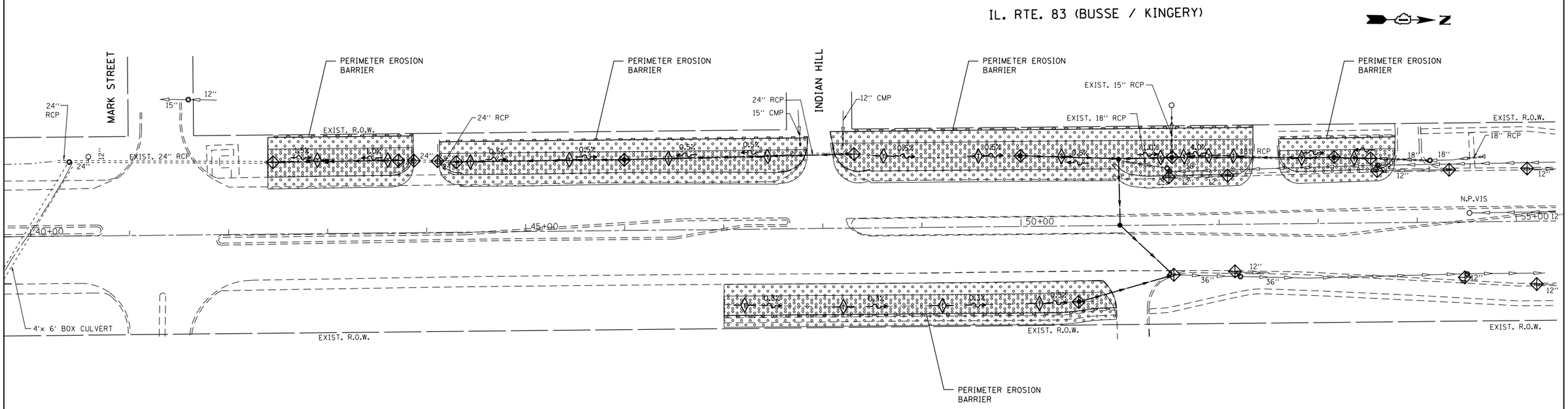
	PLOT DATE = 2/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. ROUTE 83 (BUSSE/KINGERY) DEVON AVE – MARK AVE
PROPOSED DRAINAGE PLAN

VER. SCALE: 1"= 5'
HOR. SCALE: 1"= 50' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	20
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			



EROSION CONTROL GENERAL NOTES

1. TEMPORARY EROSION CONTROL SEEDING IS TO BE PROVIDED AT ALL ERODIBLE BARE EARTH AREAS, REFER TO SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN INLET FILTERS AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS.
3. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND OF THE APPLICABLE STATE STANDARDS FOR THE DURATION OF THE PROJECT, OR UNTIL SUCH TIME AS DIRECTED BY THE ENGINEER
4. AT ANY AREA WHERE THERE IS NO PROPOSED EARTH GRADING, THE EXISTING GROUND COVER SHALL REMAIN.
5. THE CONTRACTOR SHALL PROVIDE A PLAN TO AVOID EROSION/SEDIMENT DURING STORM SEWER INSTALLATION
6. STATION EQUATION:

   STA. 1154+64.66 BK = STA. 40+00.00 AH
7. THE DEPARTMENT HAS NO OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

LEGEND

- TEMPORARY DITCH CHECK••
- PERIMETER EROSION BARRIER •
- INLET FILTERS AND PIPE PROTECTION ••
- PROP. TEMP. EROSION CONTROL SEEDING
  PROP. EROSION CONTROL BLANKET

• ITEM TO BE INSTALLED PRIOR TO STARTING ANY CONSTRUCTION IN THE ADJACENT AREA

•• ITEM TO BE INSTALLED AFTER THE AREA IS DISTURBED

FILE NAME =	USER NAME = ledezmarm	DESIGNED -	REVISED - RL 3/15/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 83 (BUSSE/KINGERY) DEVON AVE – MARK AVE EROSION CONTROL PLAN
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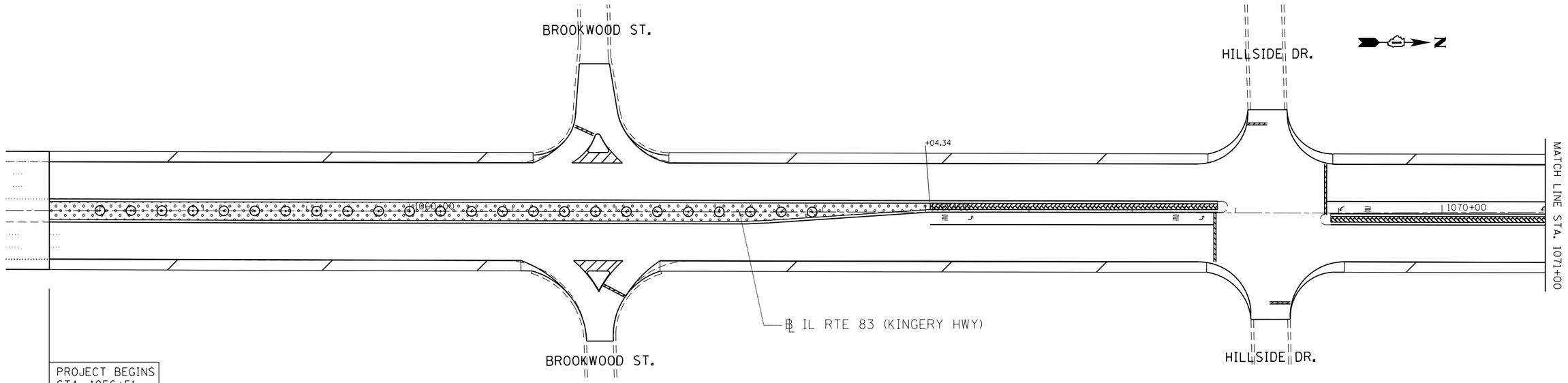
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	21
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			



LANDSCAPING LEGEND

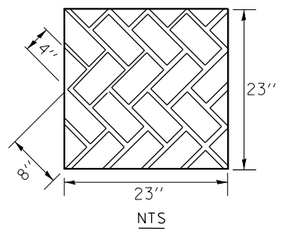
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN SURFACE, 5″
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
- PROPOSED TREE AT 30′ CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30′ INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS

COLORED STAMPED CONCRETE MEDIAN DETAIL:

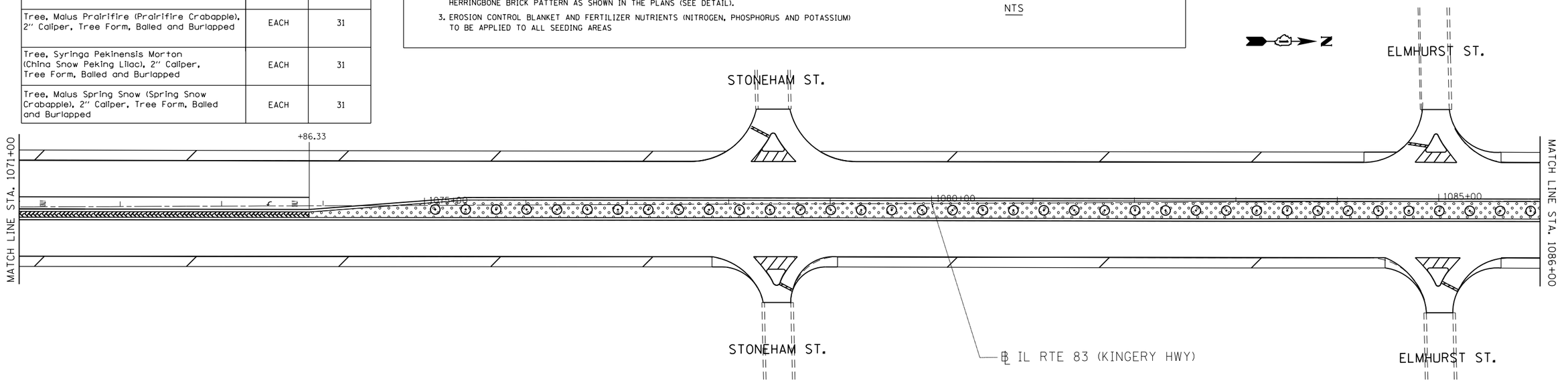
HERRINGBONE BRICK



NTS

LANDSCAPING SCHEDULE

PAY ITEM	UNIT	QTY.
Tree, Nyssa Sylvatica (Black Tupelo), 2″ Caliper, Balled and Burlapped	EACH	32
Tree, Malus Prairifire (Prairifire Crabapple), 2″ Caliper, Tree Form, Balled and Burlapped	EACH	31
Tree, Syringa Pekinensis Morton (China Snow Peking Lilac), 2″ Caliper, Tree Form, Balled and Burlapped	EACH	31
Tree, Malus Spring Snow (Spring Snow Crabapple), 2″ Caliper, Tree Form, Balled and Burlapped	EACH	31



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	PLOT SCALE = 100.0000 ′ / in.	DRAWN -	REVISED -		SCALE: SHEET OF SHEETS STA. 1056+00 TO STA. 1086+00
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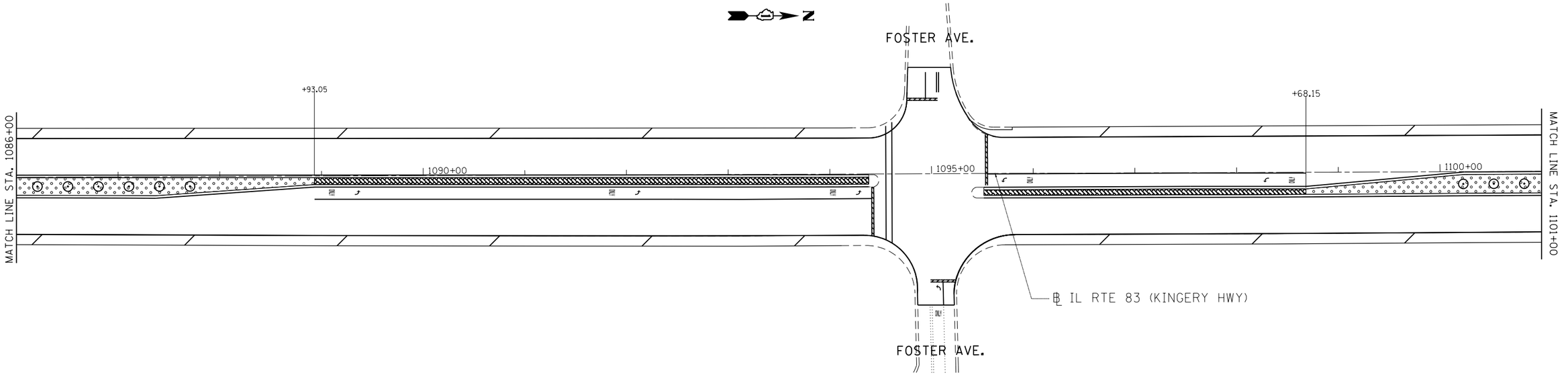
		DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	22
		CONTRACT NO. 60N49		
		ILLINOIS	FED. AID PROJECT	



LANDSCAPING LEGEND

- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN SURFACE, 5″
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
- PROPOSED TREE AT 30′ CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30′ INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
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COLORED STAMPED CONCRETE MEDIAN DETAIL:

HERRINGBONE BRICK

NTS

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	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -		**LANDSCAPING PLANS**
$MODELNAME$	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. 1086+00 TO STA. 1116+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 60N49		
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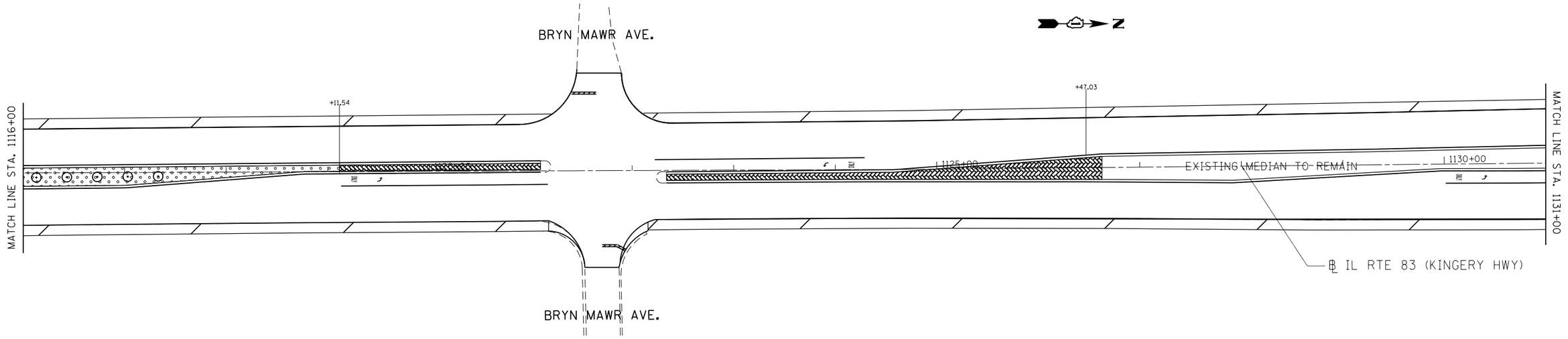

LANDSCAPING LEGEND

- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
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COLORED STAMPED CONCRETE MEDIAN DETAIL:

HERRINGBONE BRICK

NTS

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	PLOT SCALE = 100.0000 ′ / in.	DRAWN -	REVISED -		SCALE: SHEET OF SHEETS STA. 1116+00 TO STA. 1146+00
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		DATE -	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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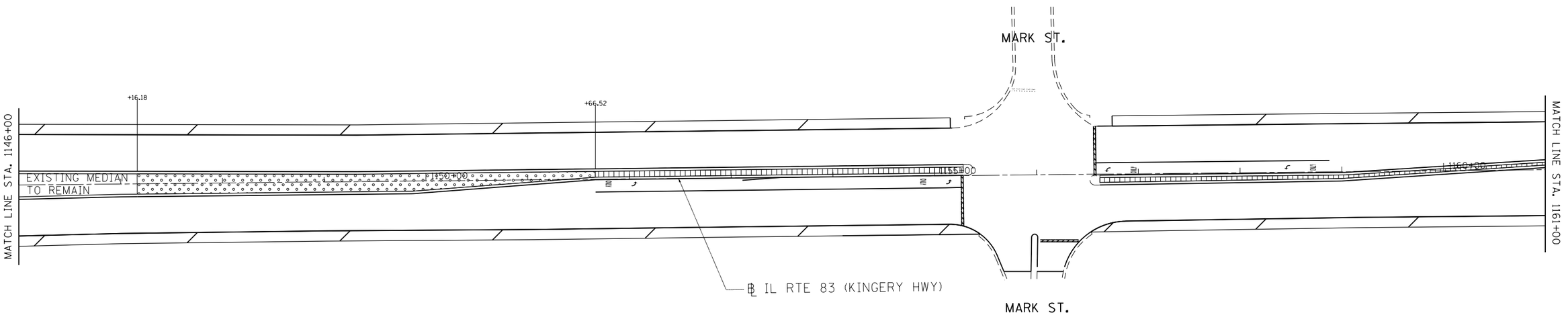
		CONTRACT NO. 60N49		
		ILLINOIS	FED. AID PROJECT	



LANDSCAPING LEGEND

- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN SURFACE, 5''
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- PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

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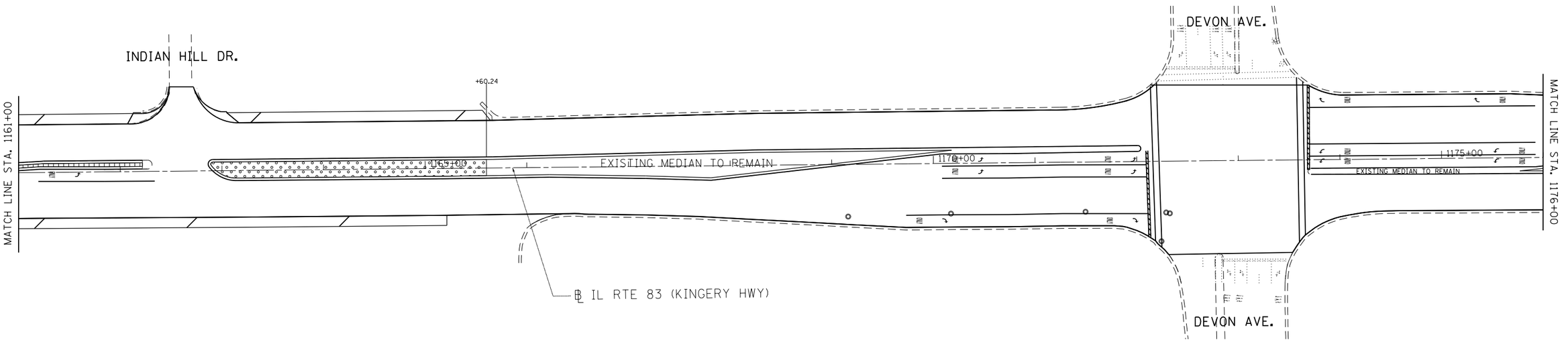

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		DRAWN -	REVISED -					344	540R-RS-2	DUPAGE&COOK	49	25
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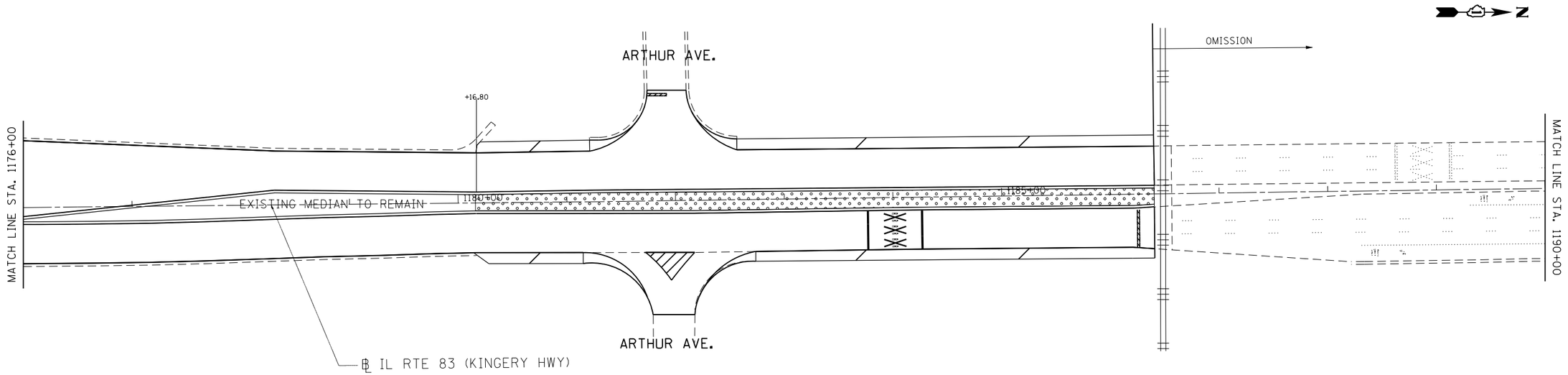

LANDSCAPING LEGEND

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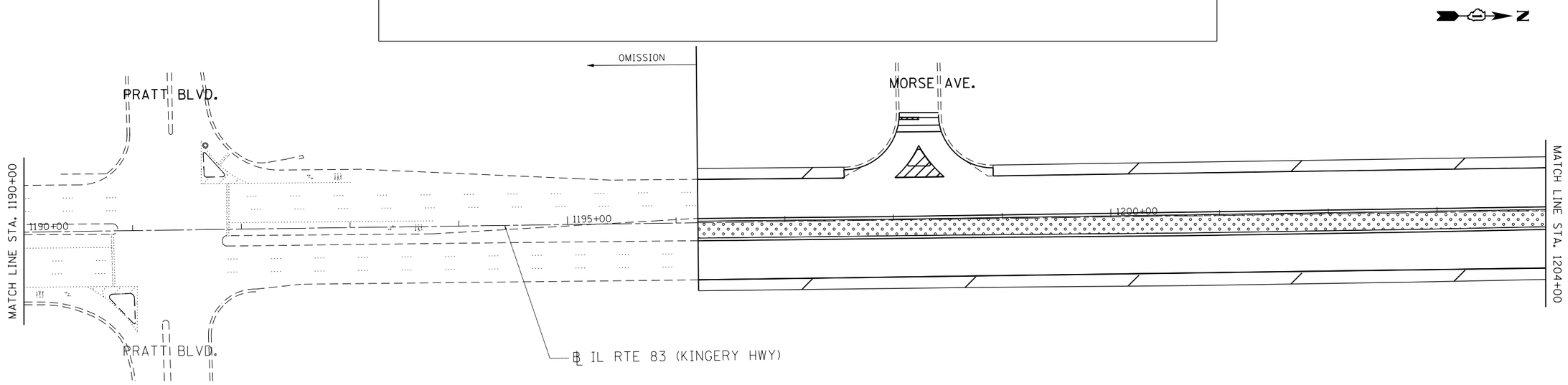
LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS



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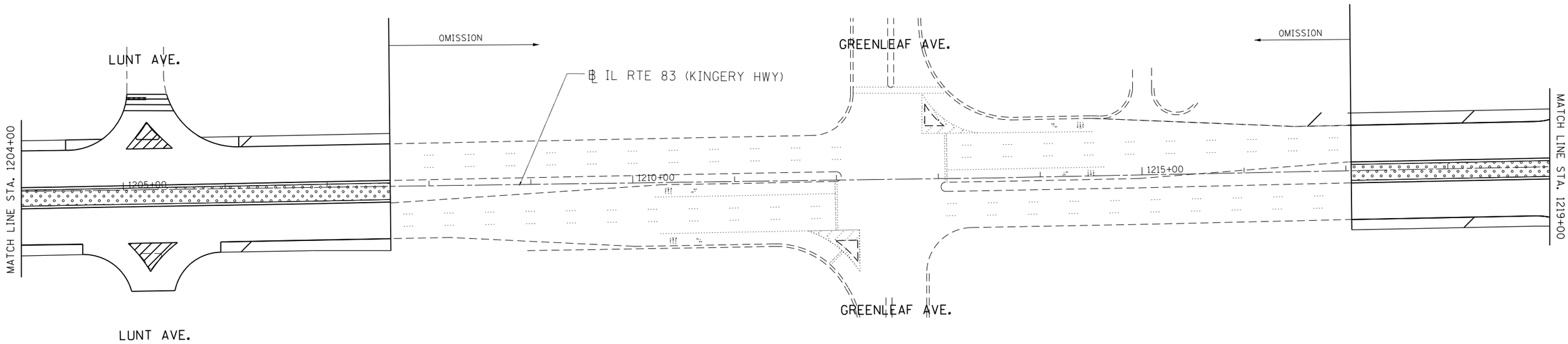
		DRAWN -	REVISED -					344	540R-RS-2	DUPAGE&COOK	49	26
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 60N49		
$MODELNAME$	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. 1176+00 TO STA. 1204+00			ILLINOIS FED. AID PROJECT		

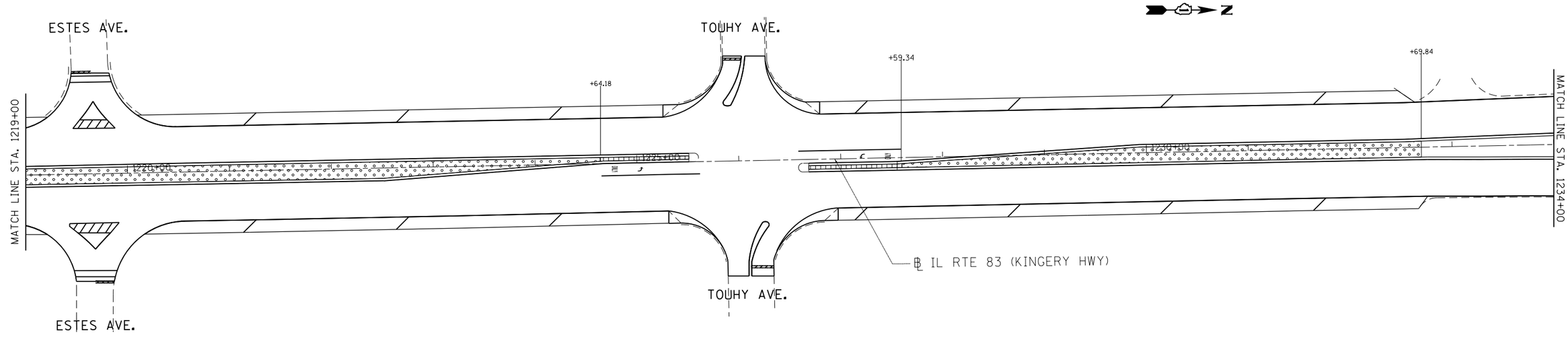


LANDSCAPING LEGEND

- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN SURFACE, 5''
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
- PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS



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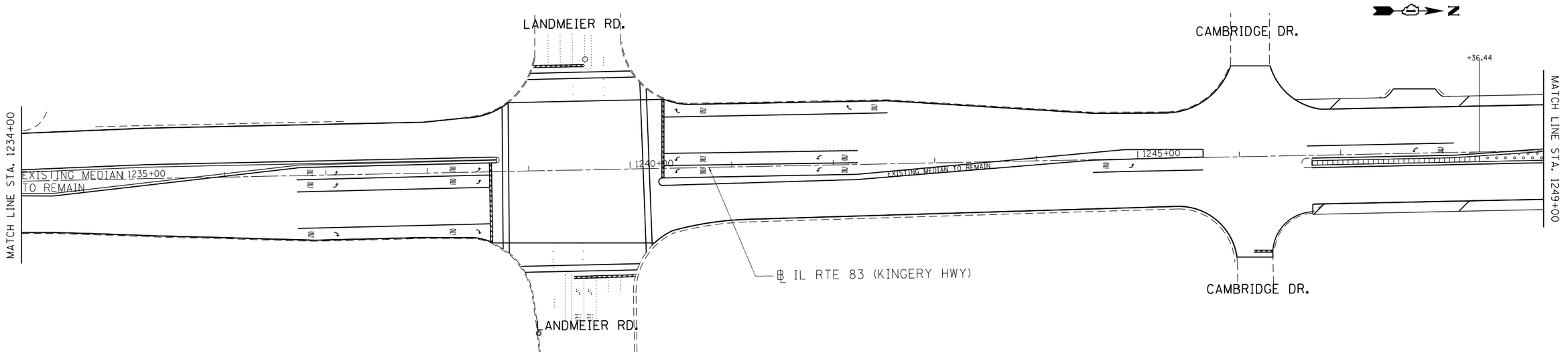
		DRAWN -	REVISED -		
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -		
$MODELNAME$	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. 1204+00 TO STA. 1234+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	27
		CONTRACT NO. 60N49		
		ILLINOIS FED. AID PROJECT		

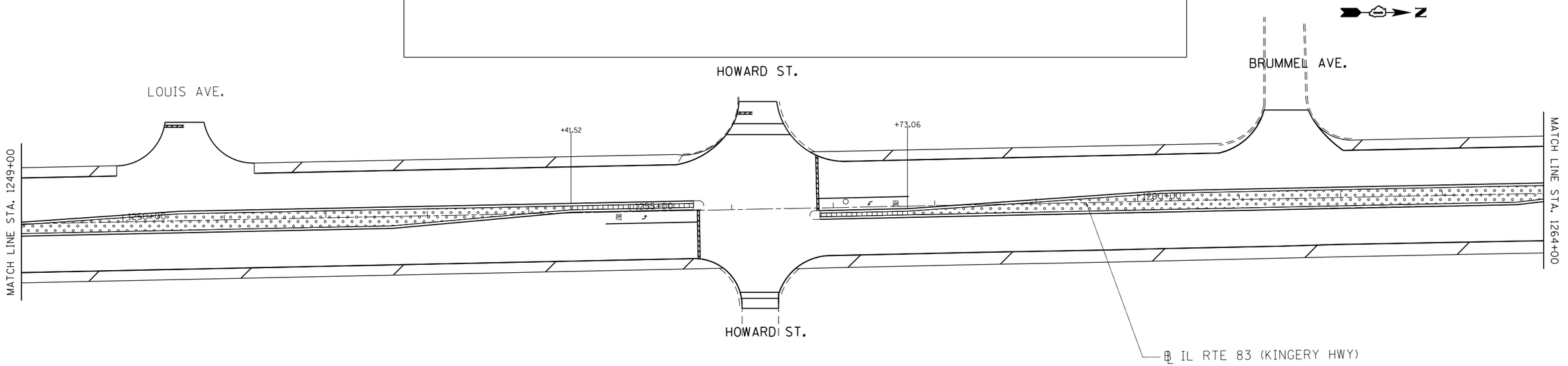


LANDSCAPING LEGEND

- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN SURFACE, 5''
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
- PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS



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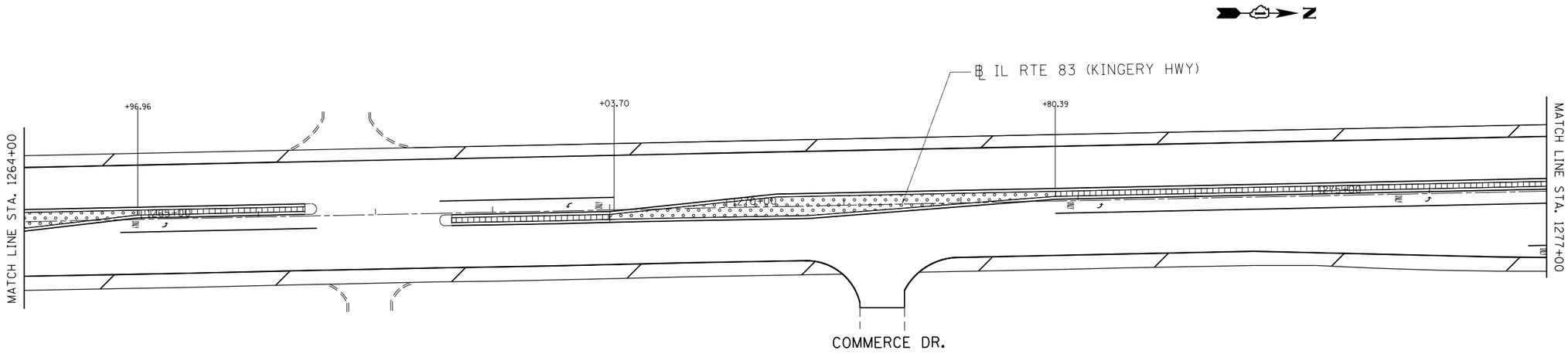
		DRAWN -	REVISED -					344	540R-RS-2	DUPAGE&COOK	49	28
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 60N49		
$MODELNAME$	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. 1234+00 TO STA. 1264+00			ILLINOIS FED. AID PROJECT		

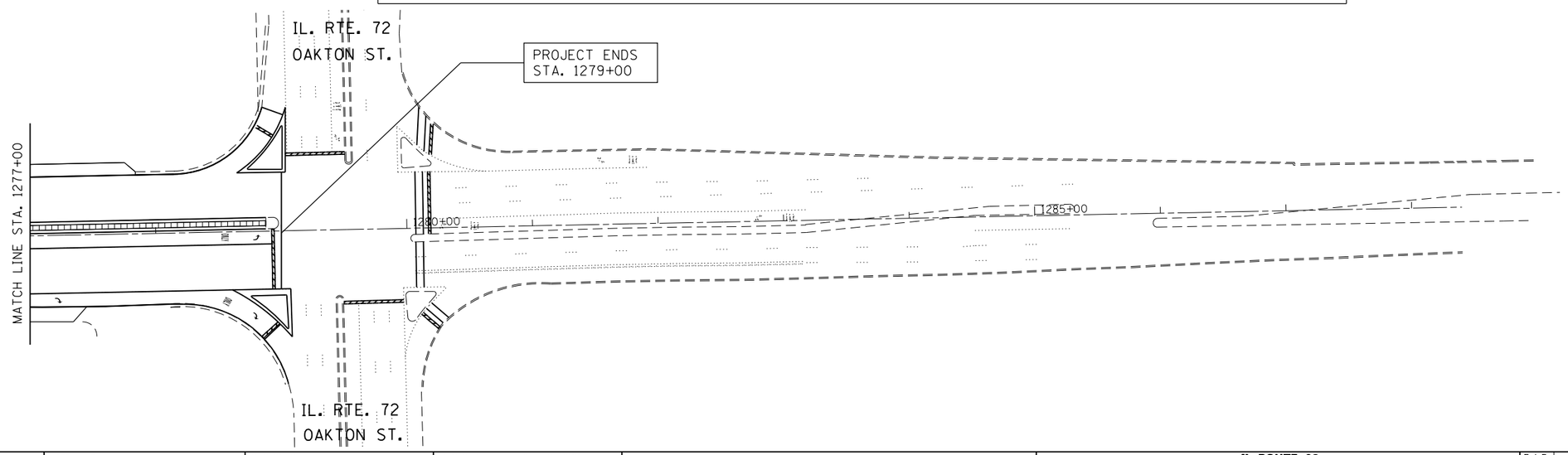


LANDSCAPING LEGEND

- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH TOPSOIL AND SEED (SEE NOTE 3)
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH CONCRETE MEDIAN SURFACE, 5''
- CONCRETE MEDIAN SURFACE REMOVAL AND REPLACEMENT WITH STAMPED COLORED PCC MEDIAN SURFACE 5 INCH (SPECIAL)
- PROPOSED TREE AT 30' CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

LANDSCAPING NOTES:

1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30' INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. COLORED STAMPED CONCRETE MEDIAN SHALL BE POURED MONOLITHICALLY AND STAMPED WITH HERRINGBONE BRICK PATTERN AS SHOWN IN THE PLANS (SEE DETAIL).
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS



FILE NAME = c:\pw_work\pwidot\ledezmarm\d0315650\D1311911-sht-plan.dgn	USER NAME = ledezmarm	DESIGNED -	REVISED - RL 3/15/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 IL 19 (IRVING PARK RD) TO IL 72 (OAKTON ST.) LANDSCAPING PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				344	540R-RS-2	DUPAGE&COOK	49	29
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 60N49		
$MODELNAME$	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. 1264+00	TO STA. 1279+00	ILLINOIS FED. AID PROJECT		

GENERAL NOTES:

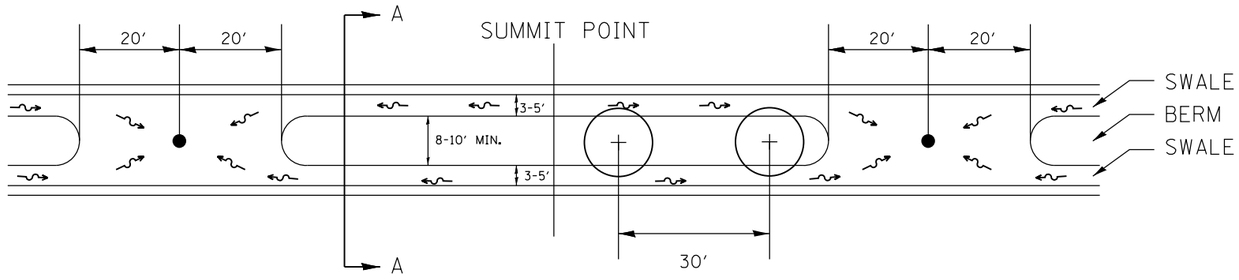
1. PROPOSED TREES LOCATED IN THE MEDIAN SHALL BE SPACED AT 30′ INTERVALS IN AN ALTERNATING PATTERN FOR THE TREE SPECIES LISTED IN THE LANDSCAPING SCHEDULE.
2. BERM SUMMITS SHALL BE LOCATED MIDWAY BETWEEN EXISTING MEDIAN DRAINAGE STRUCTURES.
3. EROSION CONTROL BLANKET AND FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS AND POTASSIUM) TO BE APPLIED TO ALL SEEDING AREAS
4. LONGITUDINAL SLOPES SHALL BE GRADED SUCH THAT STORM WATER RUNOFF WILL BE DIRECTED TOWARD DRAINAGE STRUCTURES WITH A MAXIMUM SLOPE OF 1 PERCENT
5. THE PROPOSED SWALE SHALL HAVE A MINIMUM WIDTH OF 3 FEET

LANDSCAPE DETAIL LEGEND:

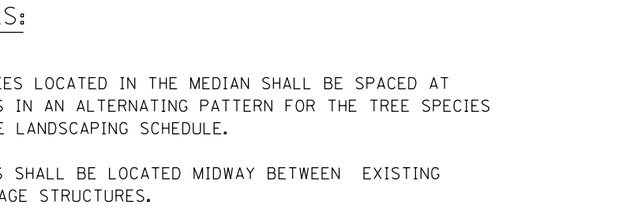
PROPOSED TREE AT 30′ CENTER TO CENTER SPACING (SEE PROPOSED TREE SCHEDULE)

PROPOSED FLOW LINES FOR LANDSCAPED MEDIANS

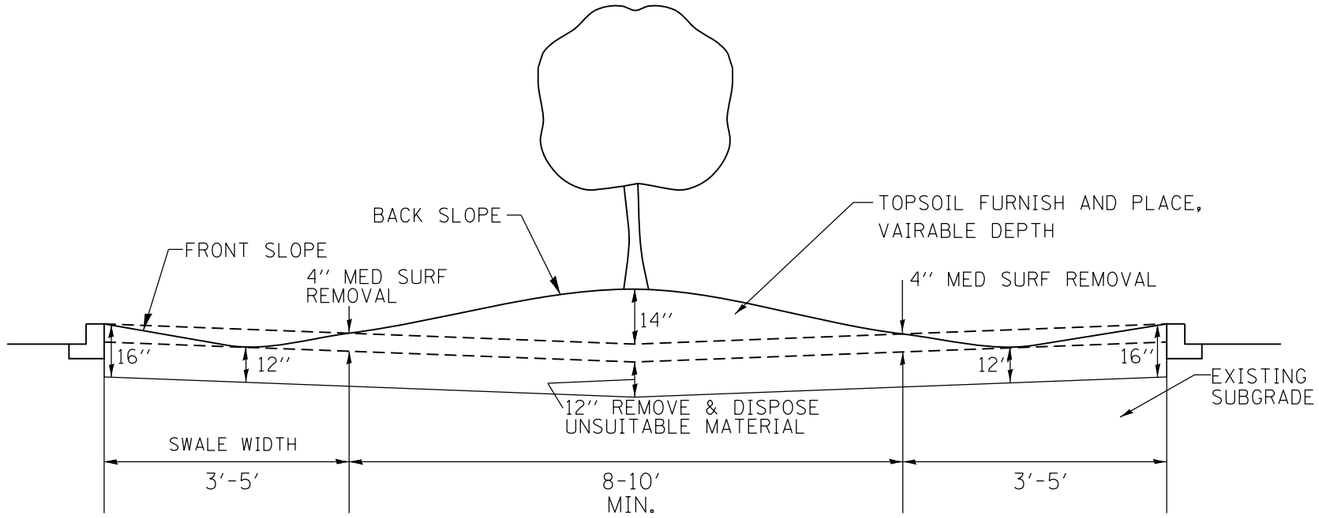
EXISTING DRAINAGE STRUCTURE



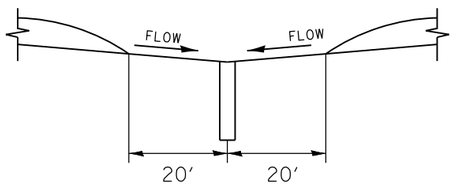
LANDSCAPE MEDIAN PLAN VIEW (NTS)



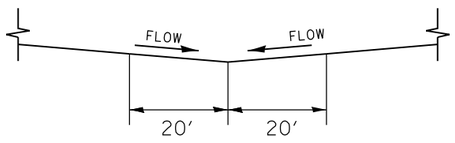
PLAN VIEW



SECTION A-A: LANDSCAPE MEDIAN ELEVATION (NTS)



SECTION C-C



SECTION B-B

FRONT SLOPE (V:H)	MINIMUM SWALE WIDTH	BACK SLOPE (V:H)
1:5	3′-5′	1:7

FILE NAME = c:\pw_work\pwidot\ledezmarm\d0315650\D131911-sht-plan.dgn	USER NAME = ledezmarm	DESIGNED -	REVISED - RL 3/15/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 IL 19 (IRVING PARK RD) TO IL 72 (OAKTON ST.) LANDSCAPED MEDIAN DETAIL		
	PLOT SCALE = 100.0000 ′ / in.	DRAWN -	REVISED -		SCALE:	SHEET OF SHEETS	STA. 1056+00 TO STA. 1086+00
$MODELNAME$	PLOT DATE = 3/15/2013	CHECKED -	REVISED -				
		DATE -	REVISED -				

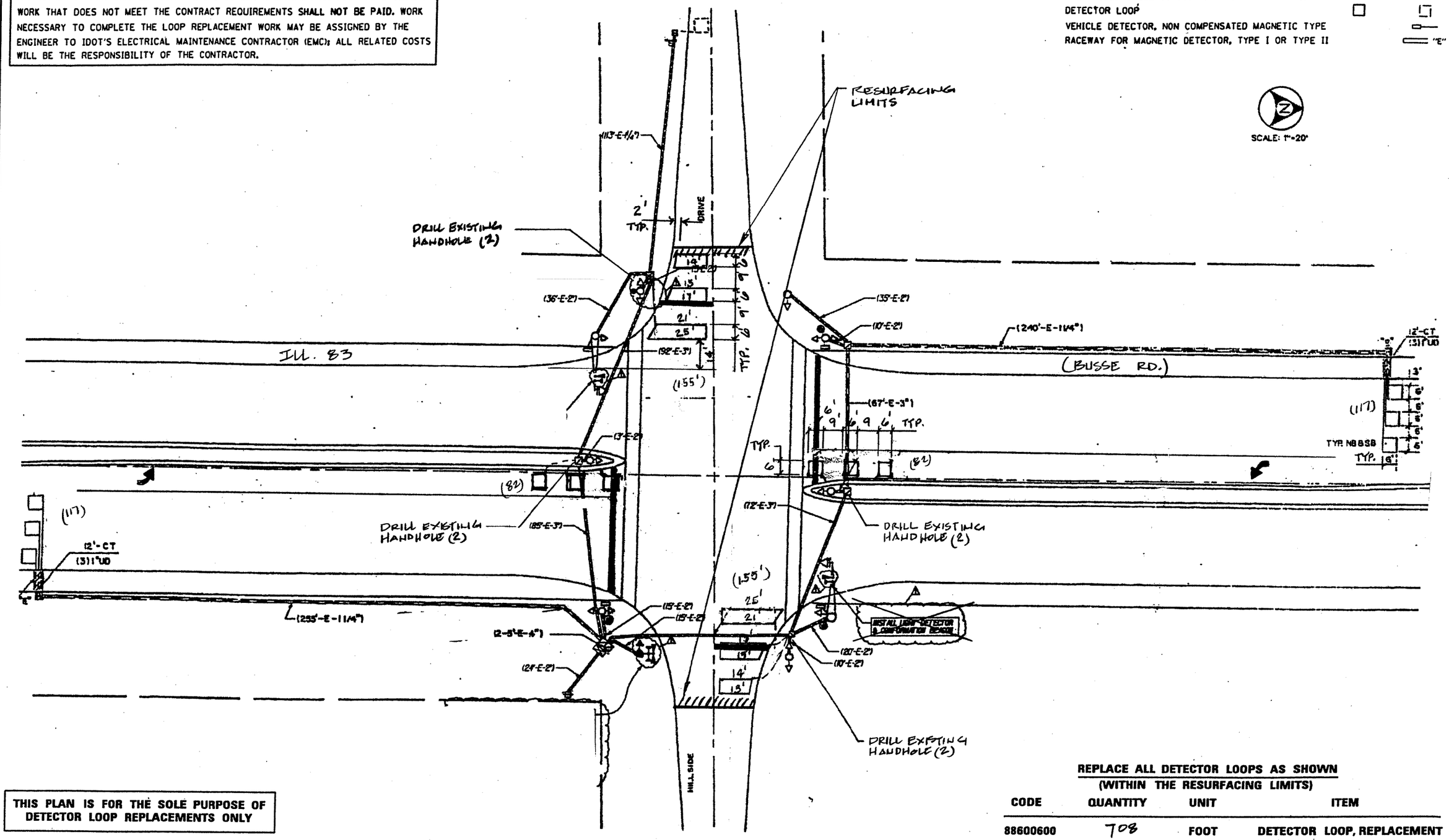
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	30
		CONTRACT NO. 60N49		
		ILLINOIS	FED. AID PROJECT	

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	------	———
DETECTOR LOOP	□	
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"

SCALE: 1"=20'



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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

CODE	QUANTITY	UNIT	ITEM
88600600	708	FOOT	DETECTOR LOOP, REPLACEMENT

FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\D131911-sht-plan.dgn	USER NAME = reichenbachrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
$MODELNAME$	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/15/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOPS REPLACEMENT
IL ROUTE 83 AT HILLSIDE DRIVE

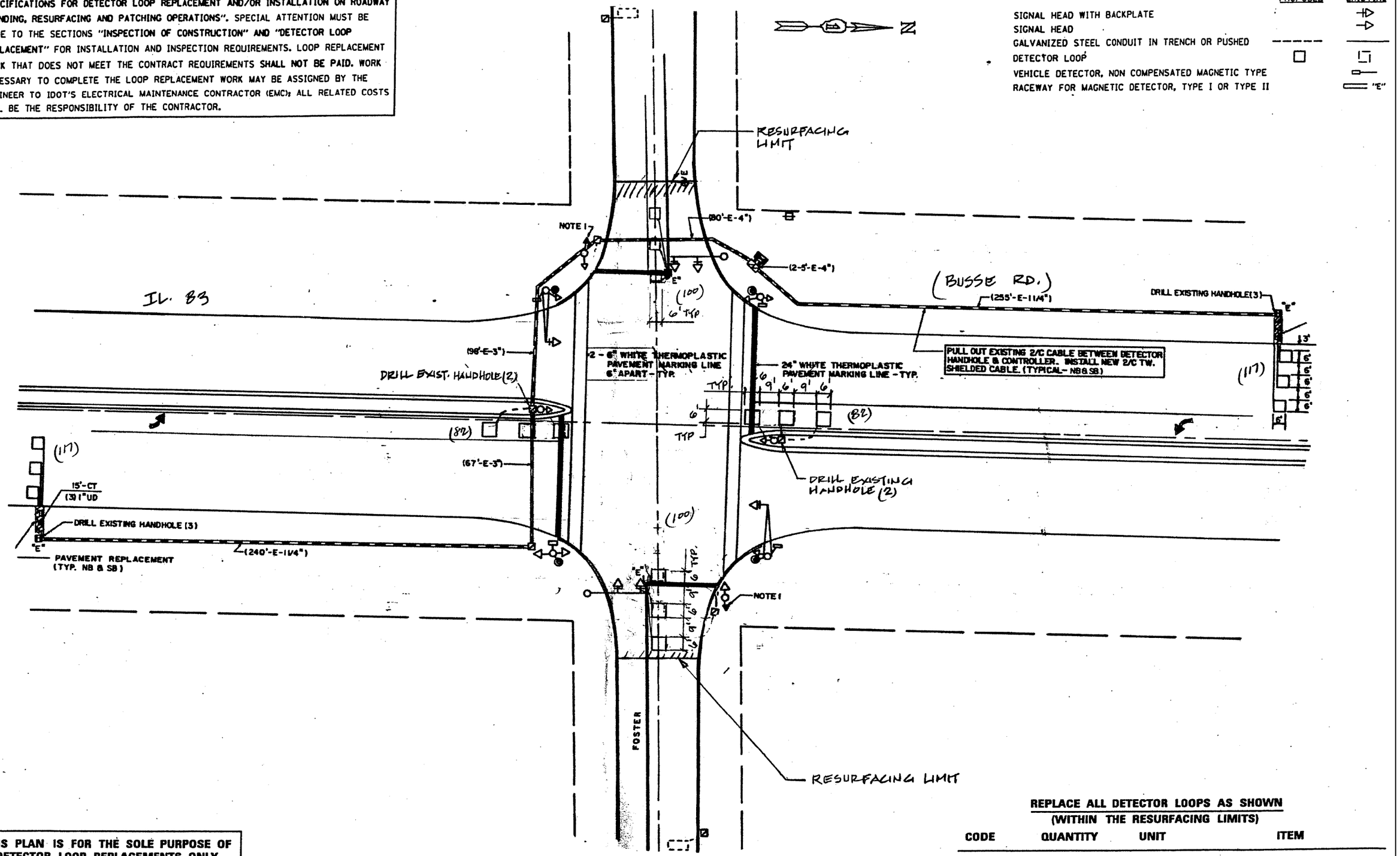
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE/COOK	49	31
		CONTRACT NO. 60N49		
		ILLINOIS	FED. AID PROJECT	

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"



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

CODE	QUANTITY	UNIT	ITEM
88600600	598	FOOT	DETECTOR LOOP, REPLACEMENT

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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		DRAWN -	REVISED -
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$MODELNAME$	PLOT DATE = 2/14/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOP REPLACEMENT
IL ROUTE 83 AT FOSTER AVE.

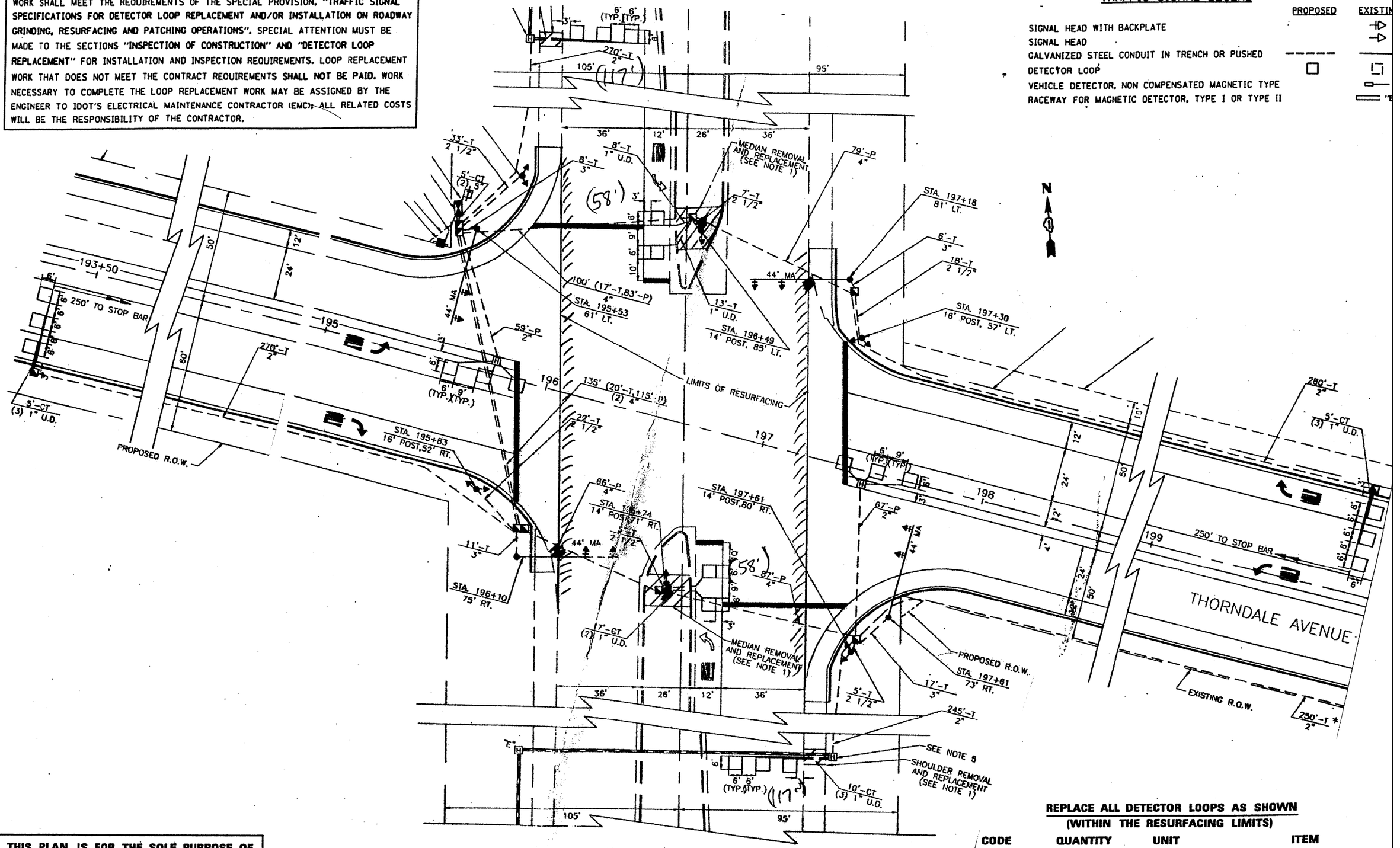
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	32
		CONTRACT NO.60N49		
	ILLINOIS FED. AID PROJECT			

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC). ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTIN
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	------	
DETECTOR LOOP	□	
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		



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

CODE	QUANTITY	UNIT	ITEM
88600600	350	FOOT	DETECTOR LOOP, REPLACEMEN

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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		DRAWN -	REVISED -
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	PLOT DATE = 2/14/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOP REPLACEMENT
IL ROUTE 83 AT THORNDALE AVE.

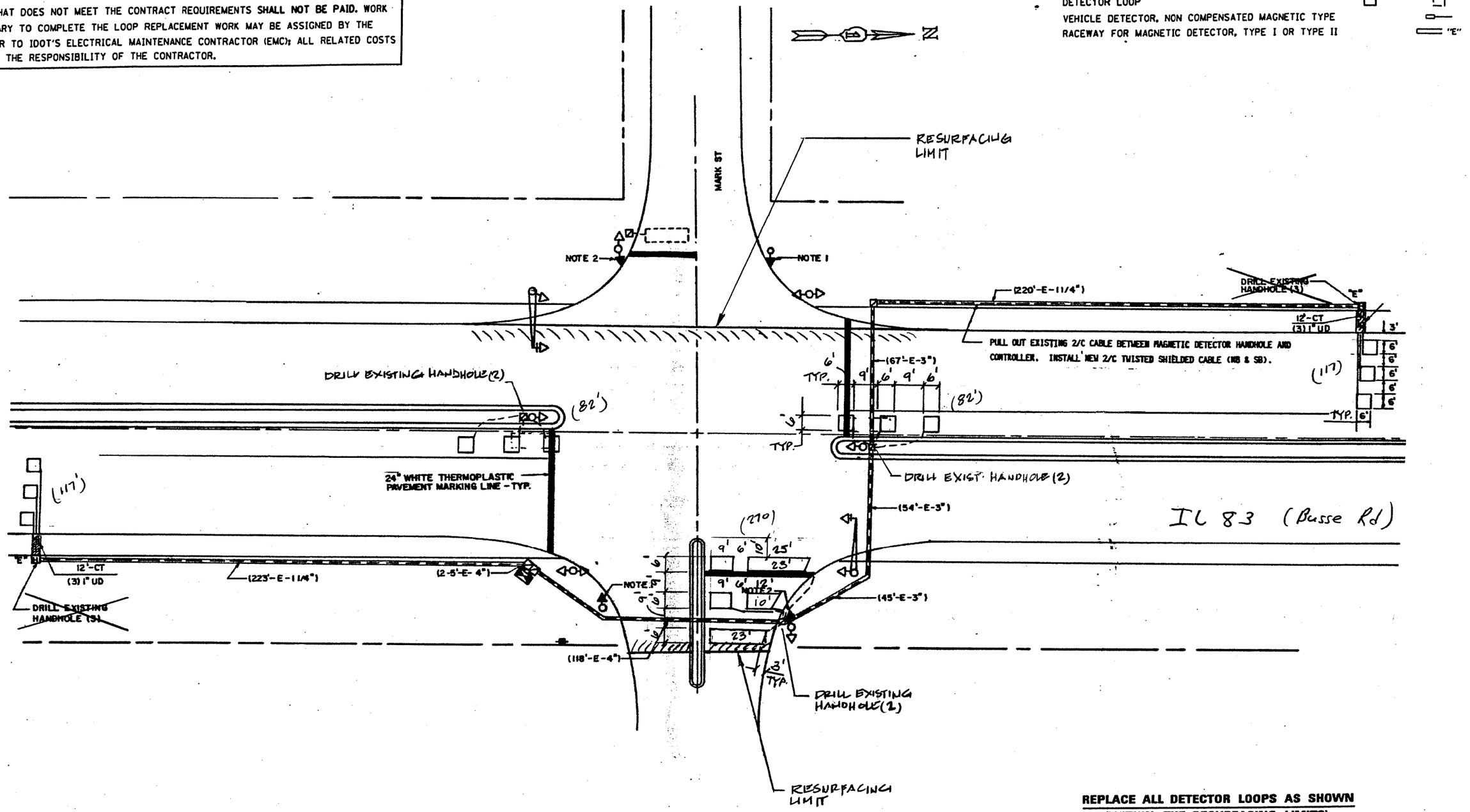
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	33
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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

CODE	QUANTITY	UNIT	ITEM
88600600	668	FOOT	DETECTOR LOOP, REPLACEMENT

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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 2/14/2013	DATE -	REVISED -

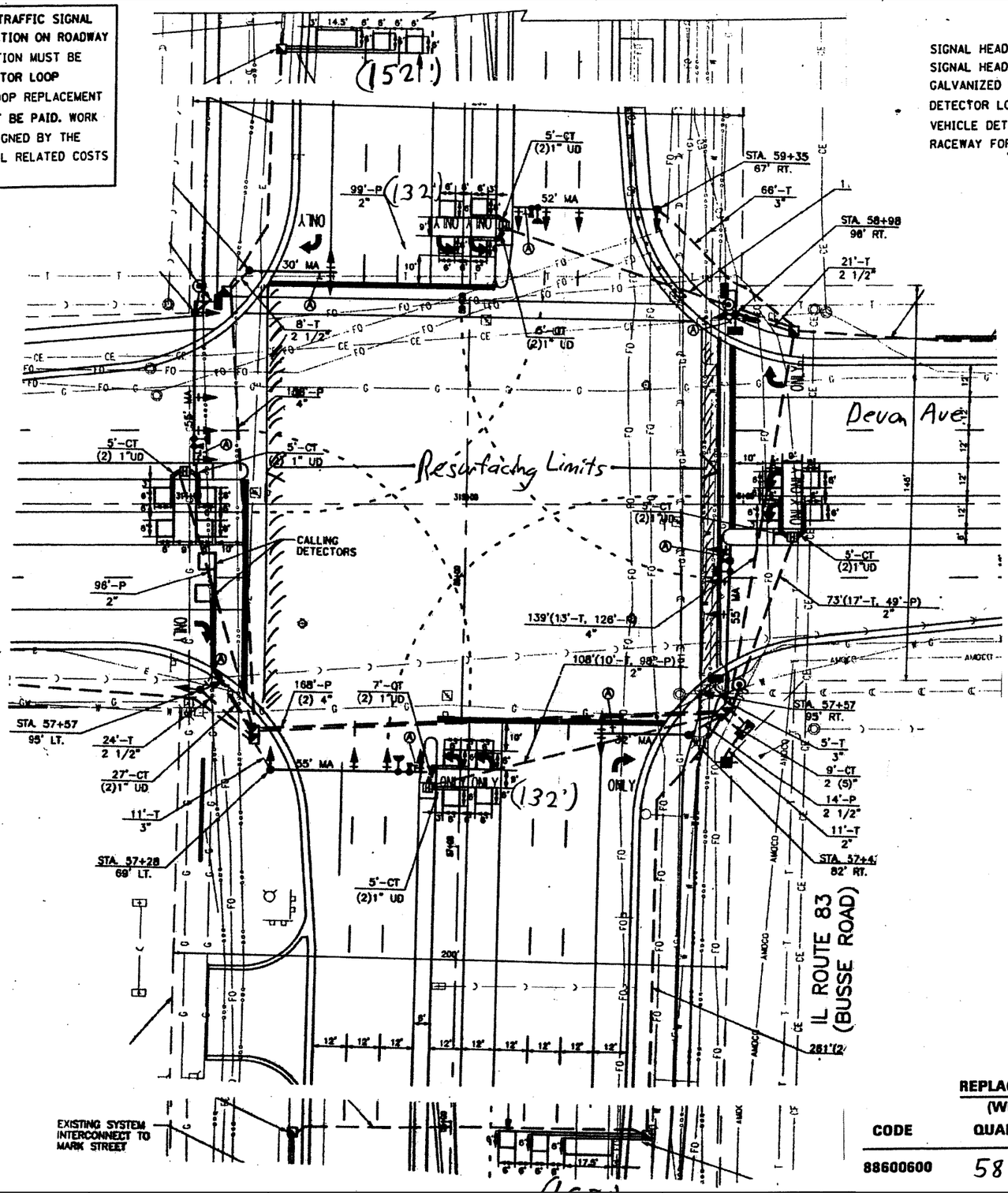
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOP REPLACEMENT
IL ROUTE 83 AT MARK ST.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	34
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS SHALL NOT BE PAID. WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	------	
DETECTOR LOOP	□	
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"

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

CODE	QUANTITY	UNIT	ITEM
88600600	581	FOOT	DETECTOR LOOP, REPLACEMEN

THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\D131911-sht-plan.dgn	USER NAME = reichenbachrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
$MODELNAME$	PLOT DATE = 2/14/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOP REPLACEMENT
IL ROUTE 83 AT DEVON AVE.

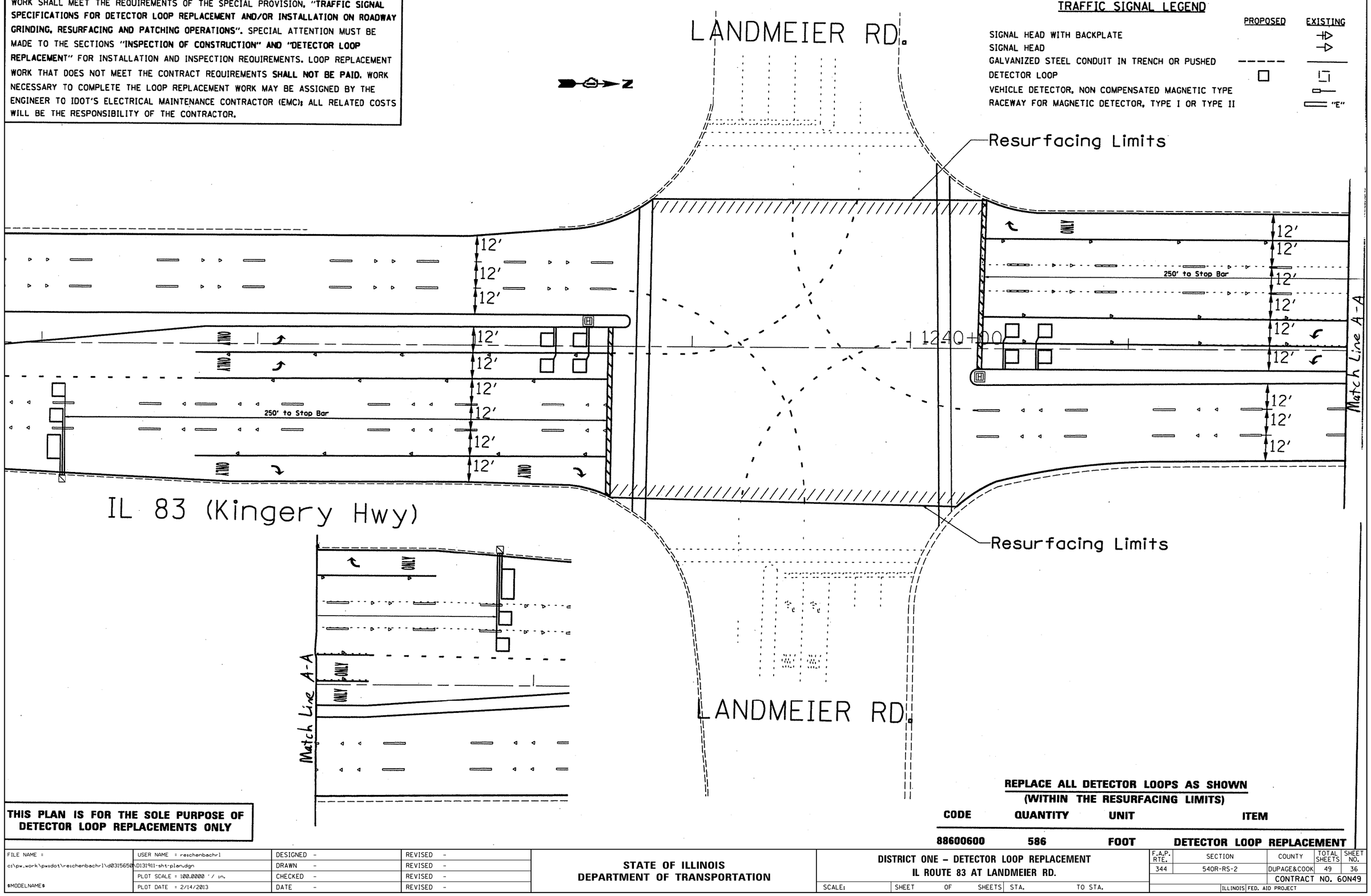
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	35
		CONTRACT NO. 60N49		
ILLINOIS	FED. AID PROJECT			

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, **"TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS"**. SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS **"INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT"** FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID.** WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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

CODE	QUANTITY	UNIT	ITEM
88600600	586	FOOT	DETECTOR LOOP REPLACEMENT

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$MODELNAME$	PLOT DATE = 2/14/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOP REPLACEMENT
IL ROUTE 83 AT LANDMEIER RD.

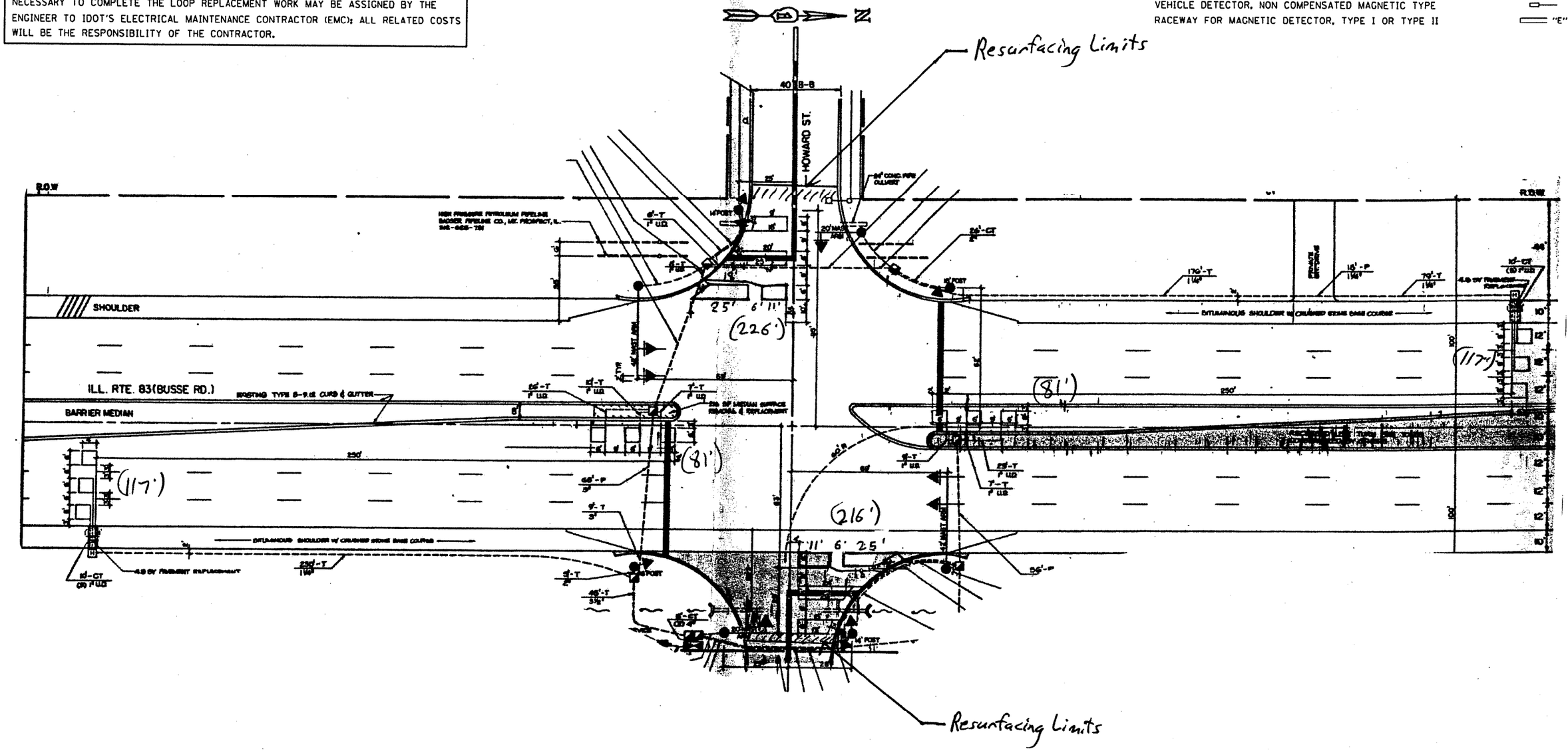
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	36
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "**TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS**". SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS "**INSPECTION OF CONSTRUCTION**" AND "**DETECTOR LOOP REPLACEMENT**" FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID.** WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED	-----	———
DETECTOR LOOP	□	
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		"E"



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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

CODE	QUANTITY	UNIT	ITEM
88600600	838	FOOT	DETECTOR LOOP REPLACEMENT

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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -
$MODELNAME$	PLOT DATE = 2/14/2013	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOP REPLACEMENT
IL ROUTE 83 AT HOWARD ST.

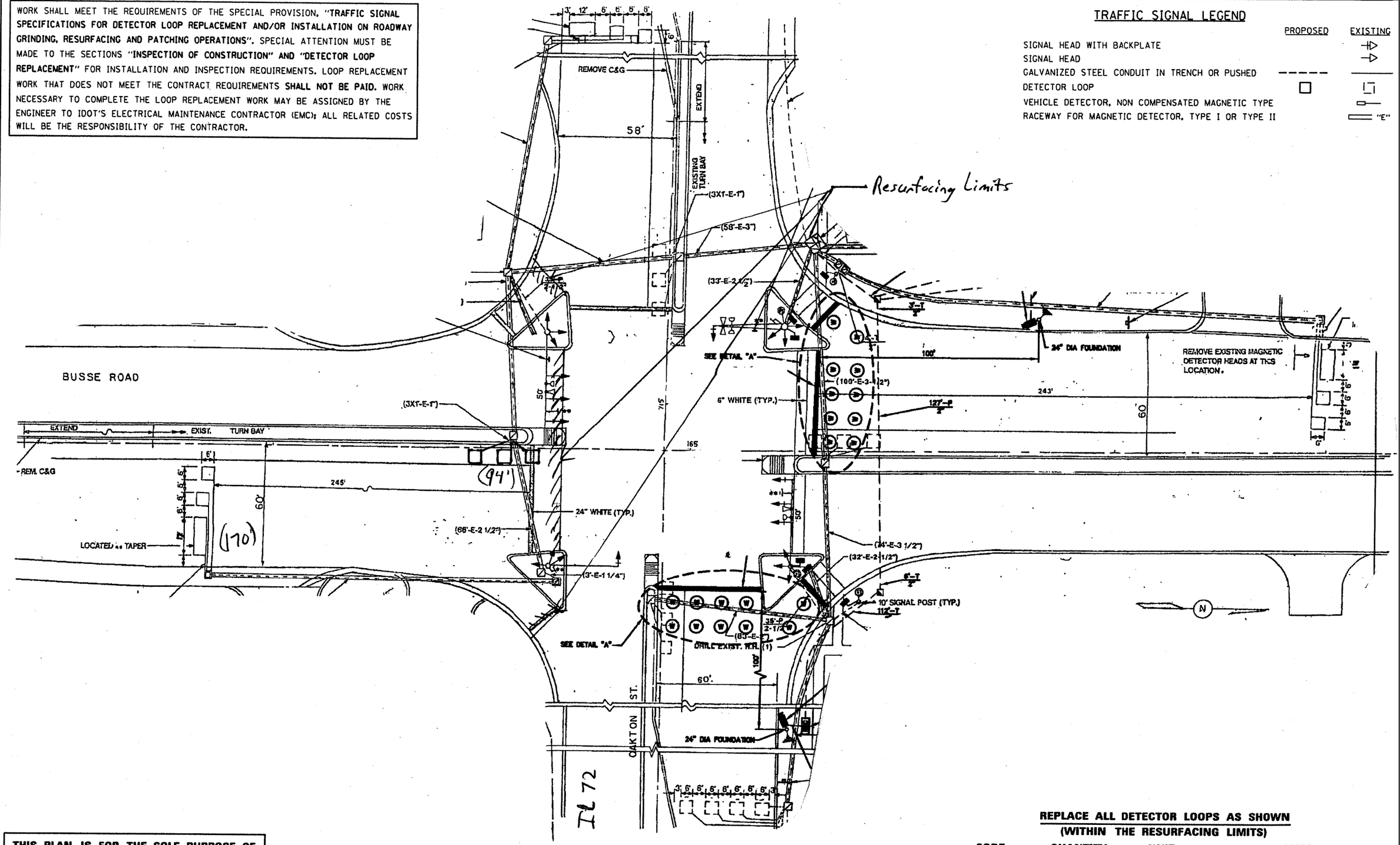
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	54OR-RS-2	DUPAGE&COOK	49	37
		CONTRACT NO. 60N49		
	ILLINOIS FED. AID PROJECT			

WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, **"TRAFFIC SIGNAL SPECIFICATIONS FOR DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION ON ROADWAY GRINDING, RESURFACING AND PATCHING OPERATIONS"**. SPECIAL ATTENTION MUST BE MADE TO THE SECTIONS **"INSPECTION OF CONSTRUCTION" AND "DETECTOR LOOP REPLACEMENT"** FOR INSTALLATION AND INSPECTION REQUIREMENTS. LOOP REPLACEMENT WORK THAT DOES NOT MEET THE CONTRACT REQUIREMENTS **SHALL NOT BE PAID.** WORK NECESSARY TO COMPLETE THE LOOP REPLACEMENT WORK MAY BE ASSIGNED BY THE ENGINEER TO IDOT'S ELECTRICAL MAINTENANCE CONTRACTOR (EMC); ALL RELATED COSTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD		
GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	"E"	



THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENTS ONLY

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

CODE	QUANTITY	UNIT	ITEM
88600600	264	FOOT	DETECTOR LOOP REPLACEMENT

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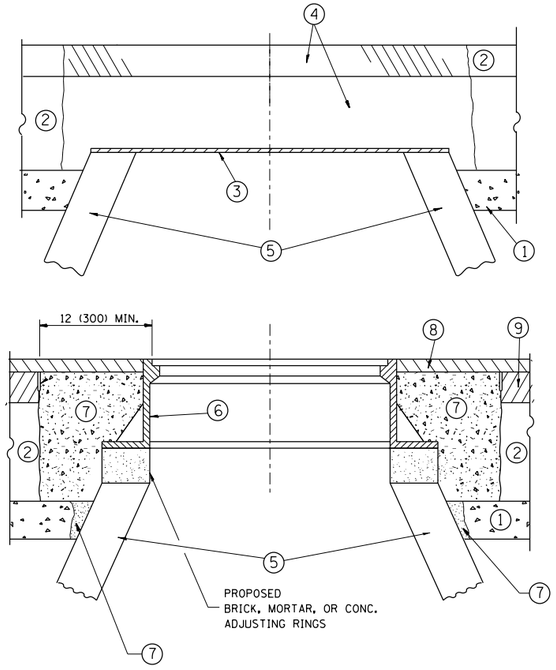
$MODELNAME$	PLOT DATE = 2/14/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE – DETECTOR LOOP REPLACEMENT
IL ROUTE 83 AT OAKTON ST.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	38
			CONTRACT NO. 60N49	
		ILLINOIS	FED. AID PROJECT	



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.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

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

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

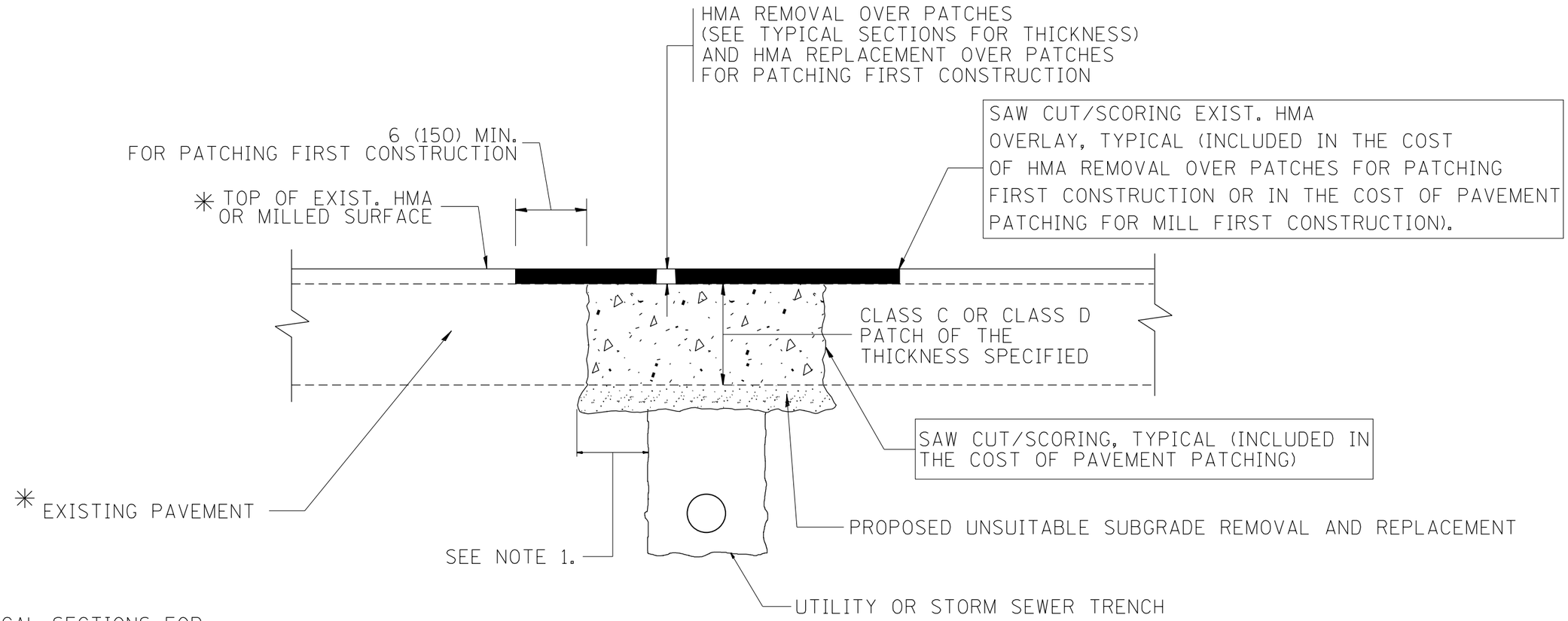
FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 2/15/2013	DATE - 10-25-94	REVISED - R. BORO 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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	39
	BD600-03 (BD-8)	CONTRACT NO.	60N49	
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 $4\frac{1}{2}$ 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.

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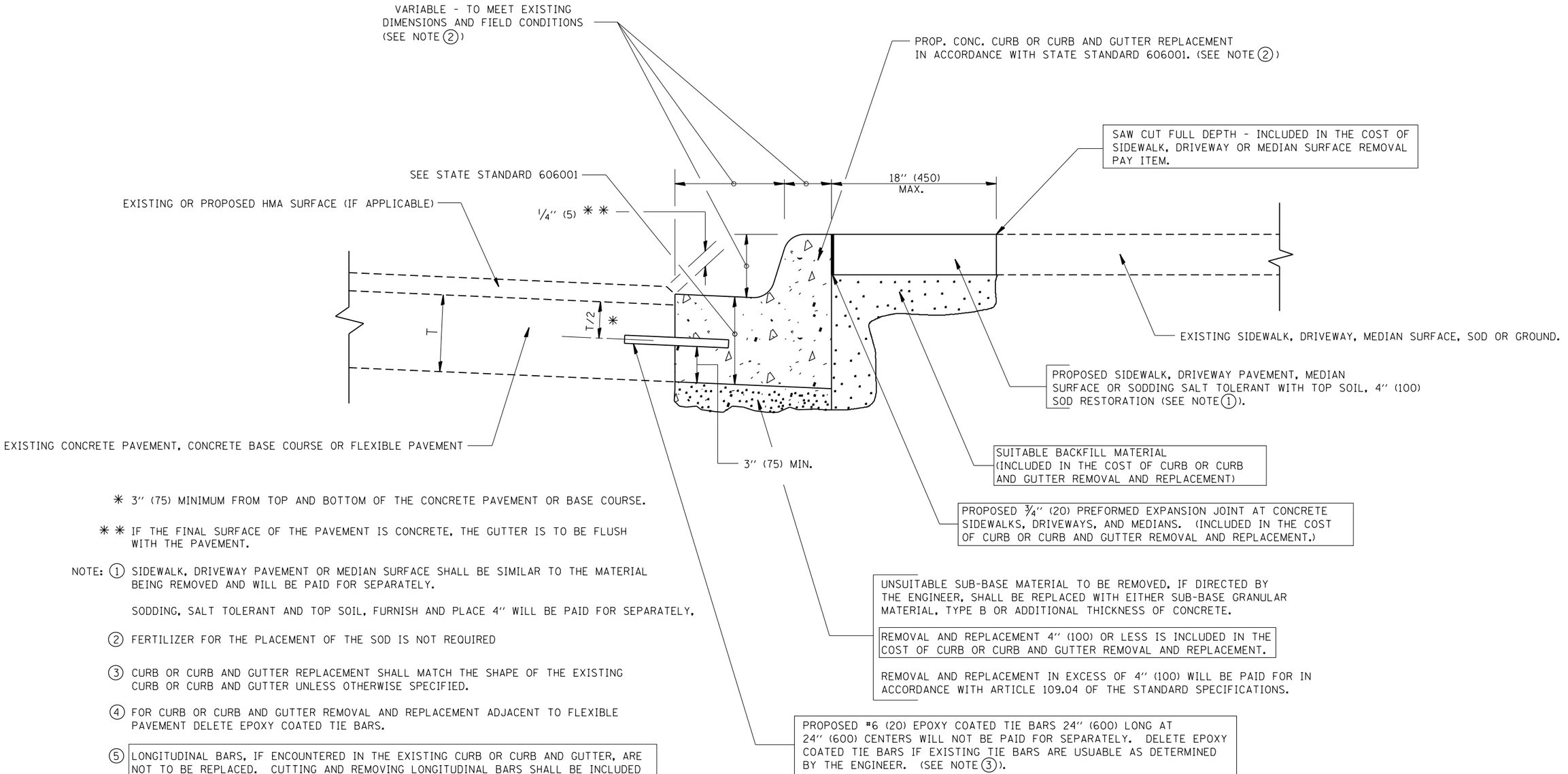
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 2/15/2013	DATE - 10-25-94	REVISED - K. ENG 10-27-08

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	40
	BD400-04 (BD-22)	CONTRACT NO.	60N49	
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.

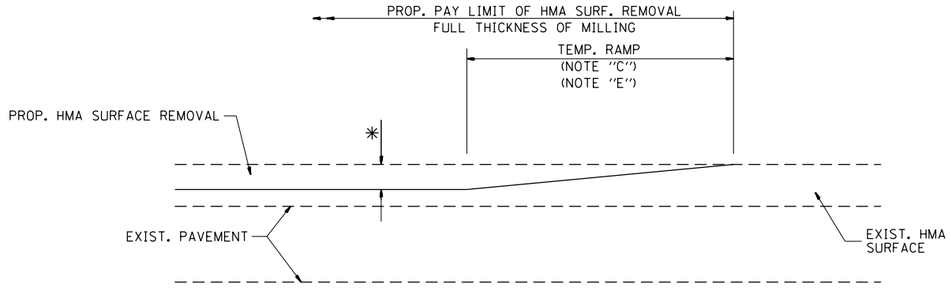
BASIS OF PAYMENT:

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.

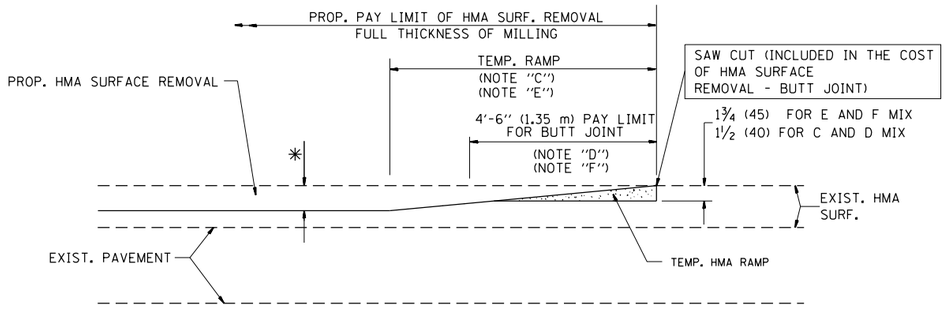
FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - A. ABBAS 03-21-97				344	540R-RS-2	DUPAGE&COOK	49	41
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01				BD600-06 (BD-24)		CONTRACT NO.		60N49
	PLOT DATE = 2/15/2013	DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

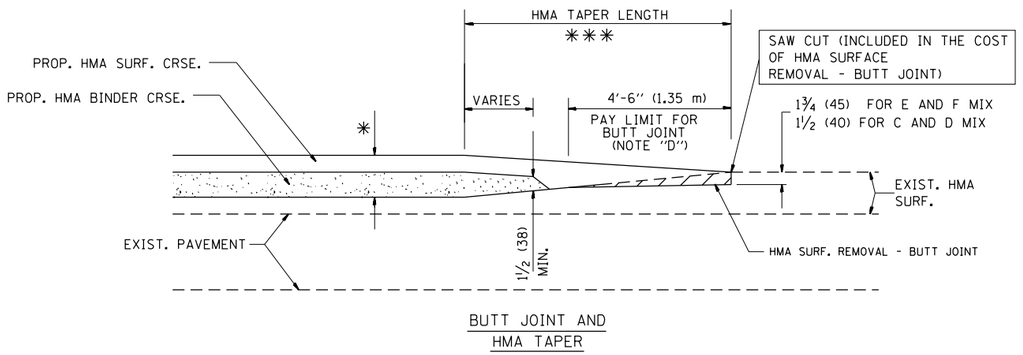


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

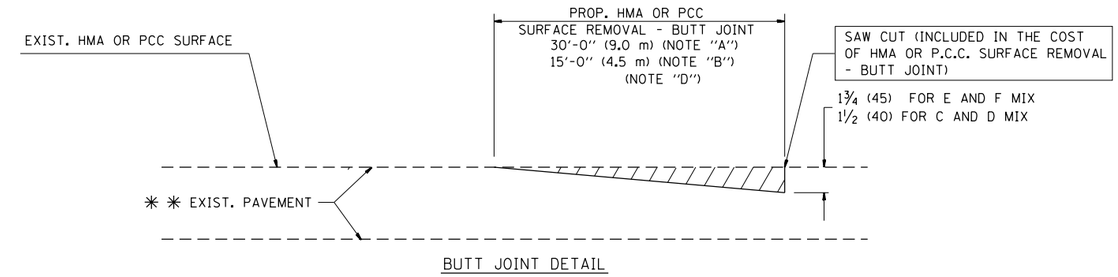
OPTION 2

TYPICAL TEMPORARY RAMP

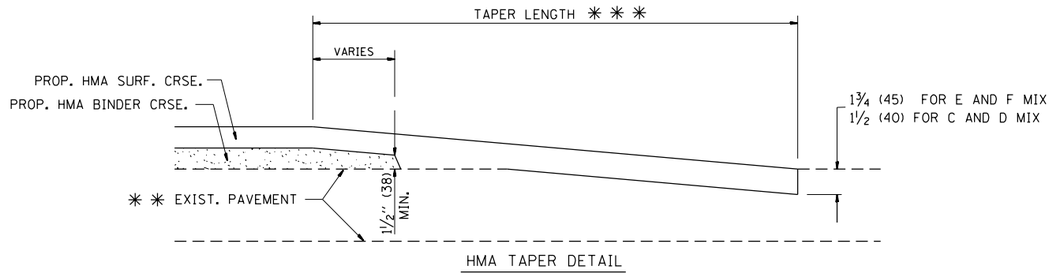


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



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.

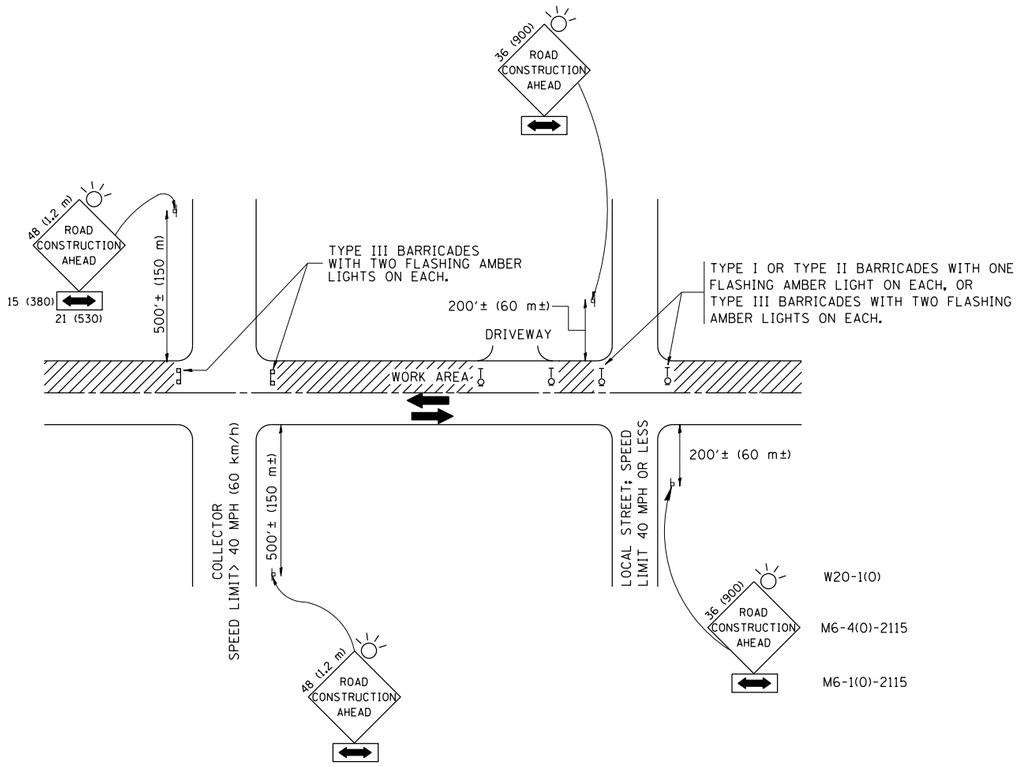
FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 2/15/2013	DATE - 06-13-90	REVISED - R. BORO 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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	42
	BD400-05 BD32	CONTRACT NO. 60N49		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

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 AND FLAG 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. 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).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

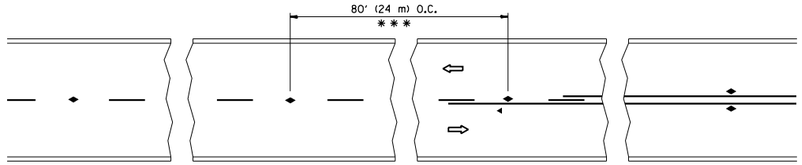
FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 2/15/2013	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

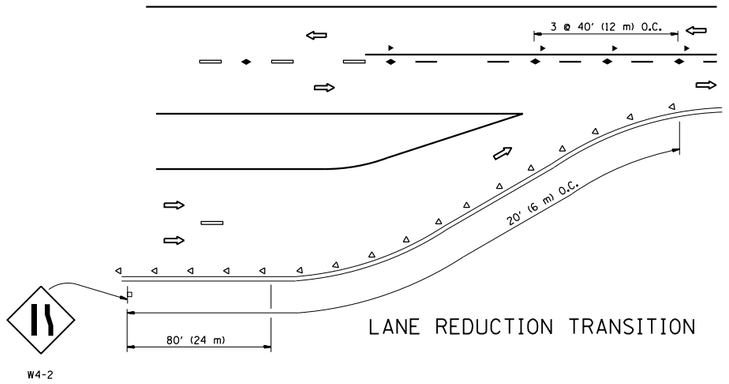
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	43
	TC-10	CONTRACT NO.	60N49	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

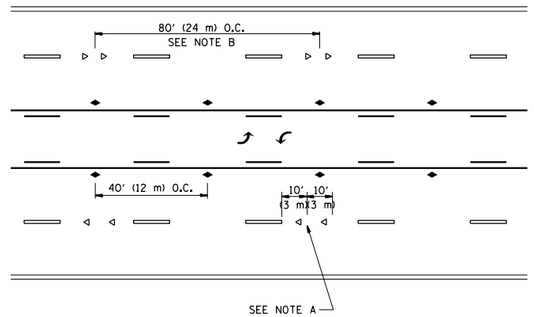


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

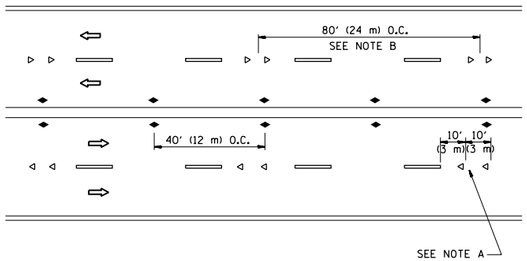
TWO-LANE/TWO-WAY



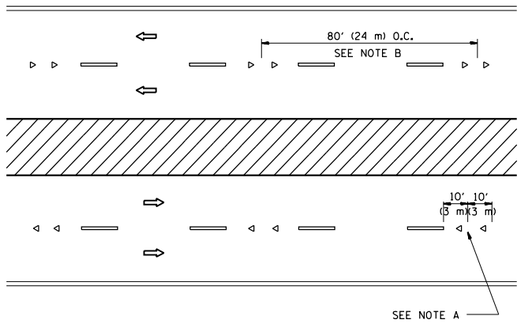
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

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

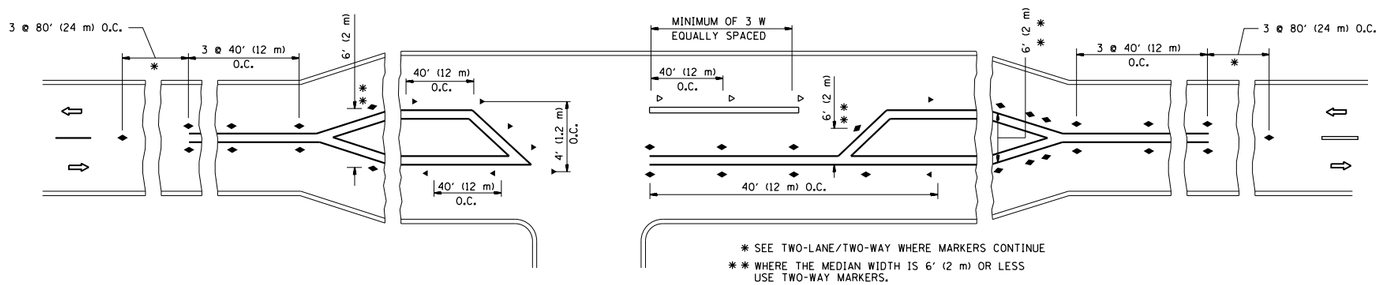
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

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



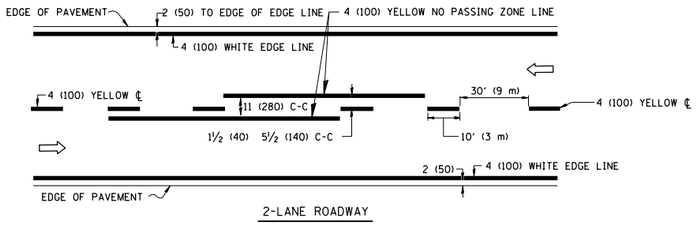
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

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

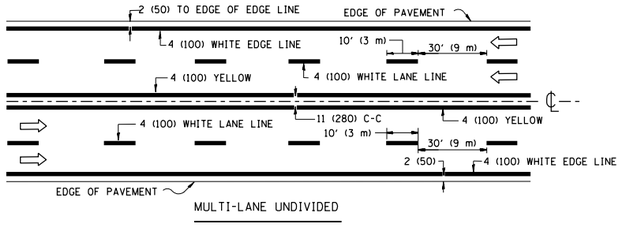
LEFT TURN

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

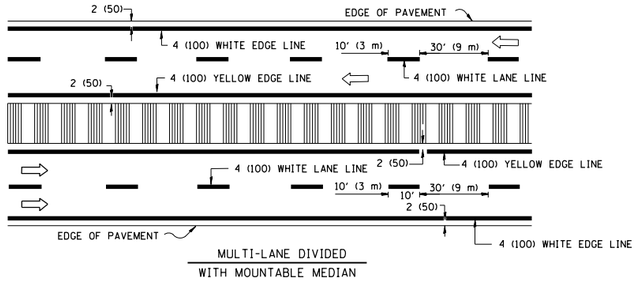
FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED - T. RAMMACHER 03-12-99					344	540R-RS-2	DUPAGE&COOK	49	44
	PLOT DATE = 2/15/2013	CHECKED -	REVISED - T. RAMMACHER 01-06-00						TC-11	CONTRACT NO.	60N49	
		DATE -	REVISED - C. JUCIUS 09-09-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



2-LANE ROADWAY



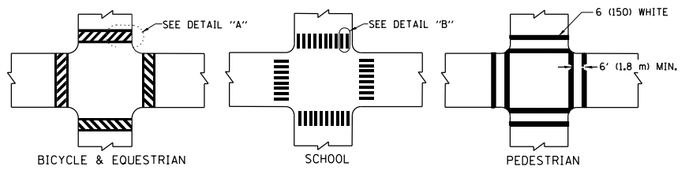
MULTI-LANE UNDIVIDED



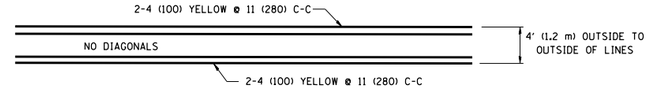
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

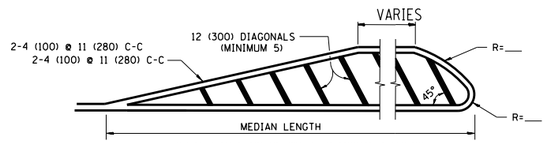
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



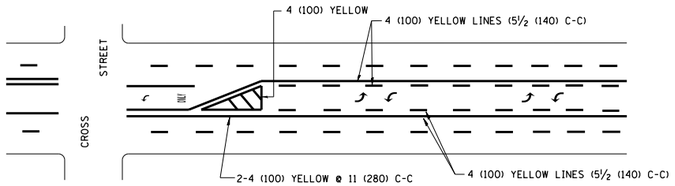
4' (1.2 m) WIDE MEDIANS ONLY



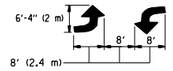
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

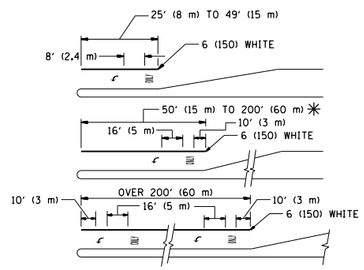


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

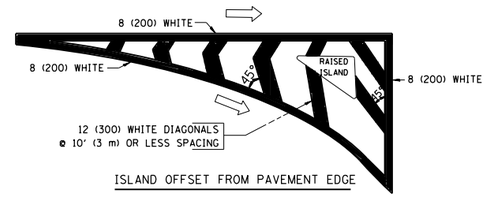


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

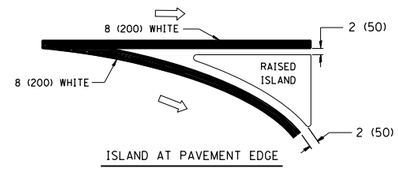
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

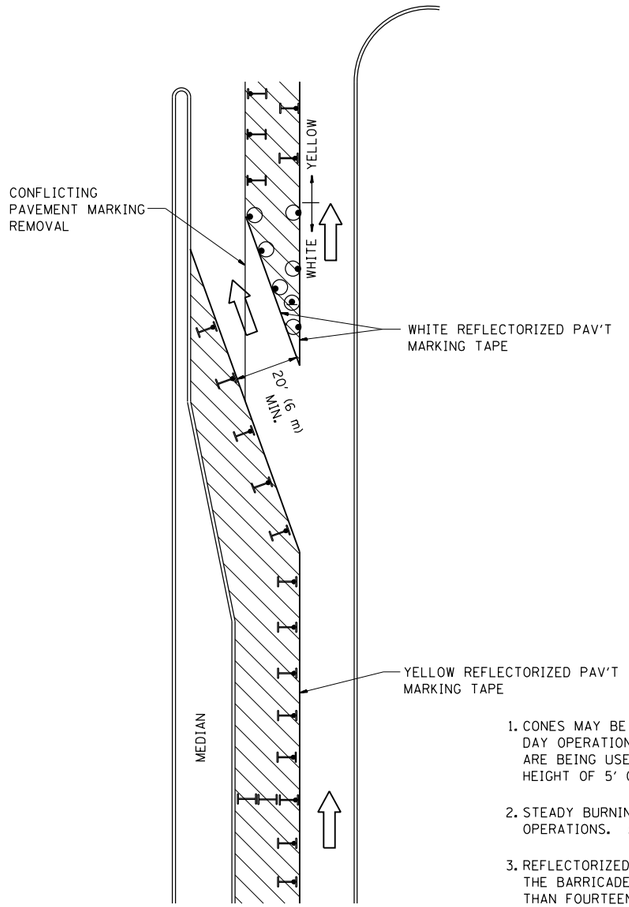
TYPICAL ISLAND MARKING

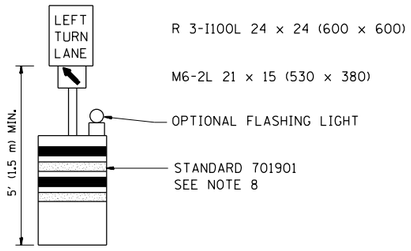
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 ⌀ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 ⌀ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 ⌀ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 ⌀ 6 (150) 12 (300) ⌀ 45° 12 (300) ⌀ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 ⌀ 4 (100) WITH 12 (300) DIAGONALS ⌀ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS ⌀ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS	12 (300) ⌀ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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 = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE** **TYPICAL PAVEMENT MARKINGS**		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -C. JUCIUS 09-09-09				344	540R-RS-2	DUPAGE&COOK	49	45
	PLOT DATE = 2/15/2013	CHECKED -	REVISED -					TC-13		CONTRACT NO.	60N49
		DATE - 03-19-90	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	





GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. 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" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHR 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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

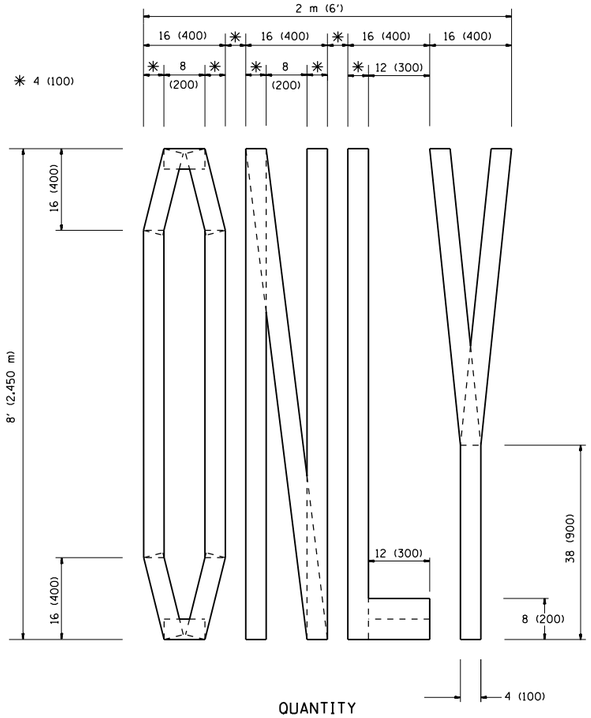
FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	PLOT SCALE = 100.0000 '/ in.	REVISED - A. HOUSEH 11-07-95	REVISED -
	PLOT DATE = 2/15/2013	REVISED -T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

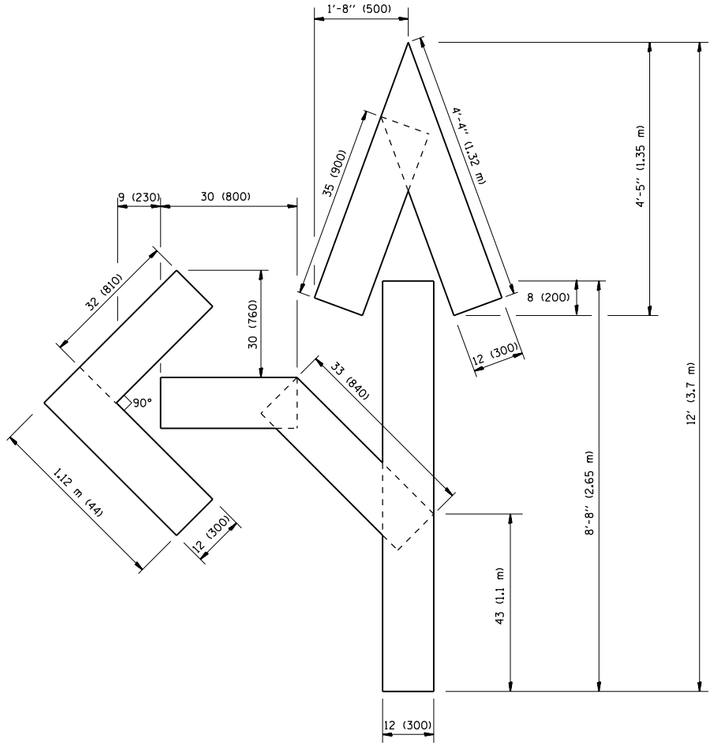
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

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

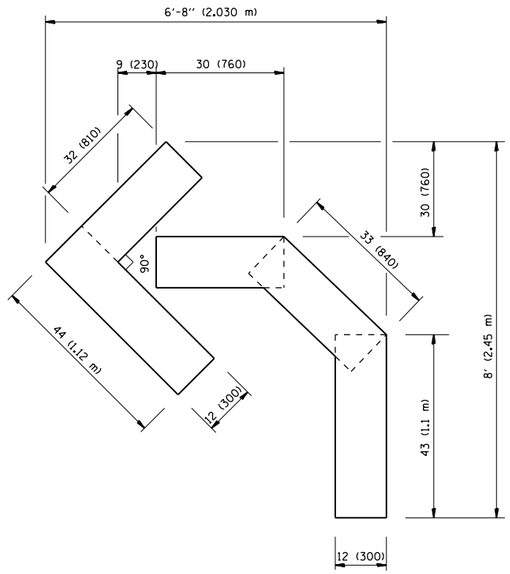
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	46
	TC-14	CONTRACT NO.	60N49	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

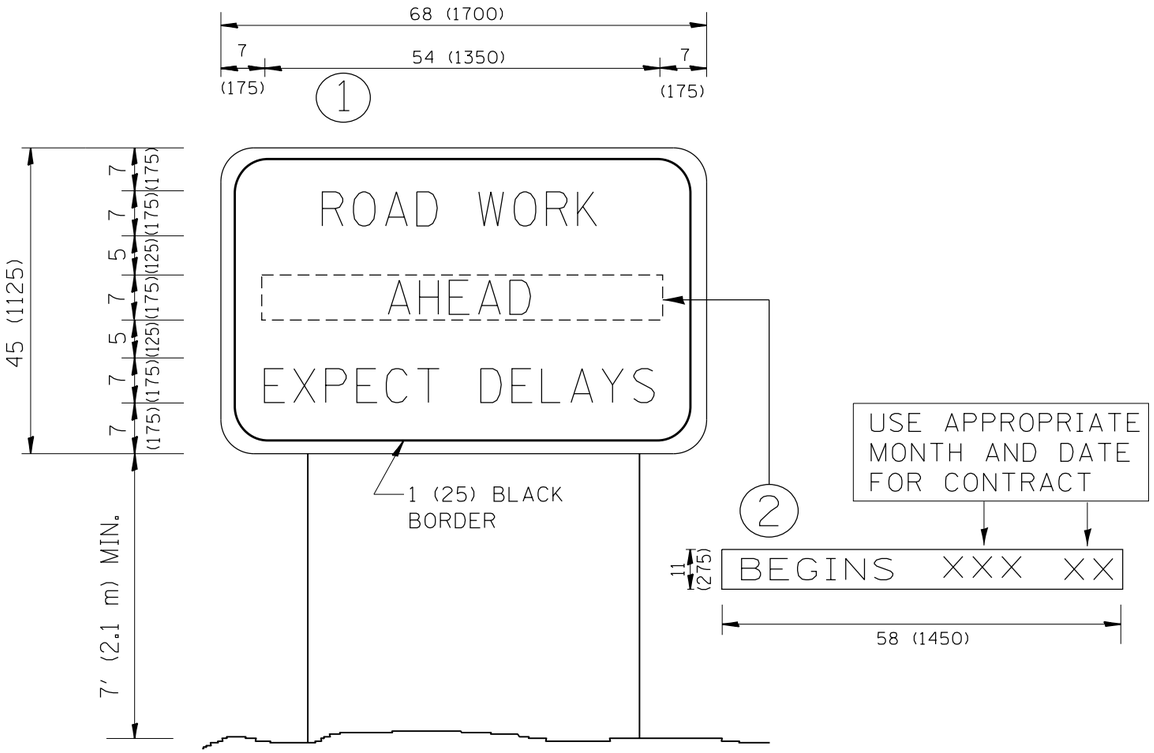
FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 2/15/2013	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	47
	TC-16	CONTRACT NO.	60N49	
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 = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
	PLOT DATE = 2/15/2013	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

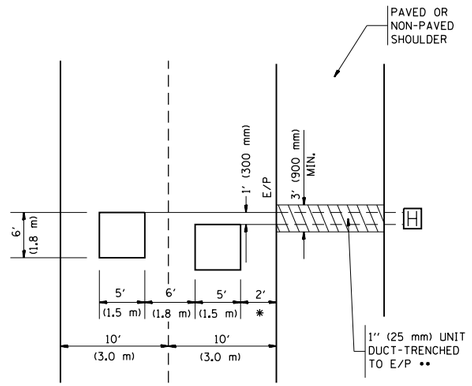
ARTERIAL ROAD INFORMATION SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	48
	TC-22	CONTRACT NO.	60N49	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

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

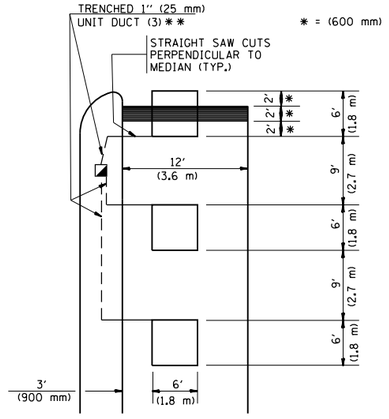


* = (600 mm)

** 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.

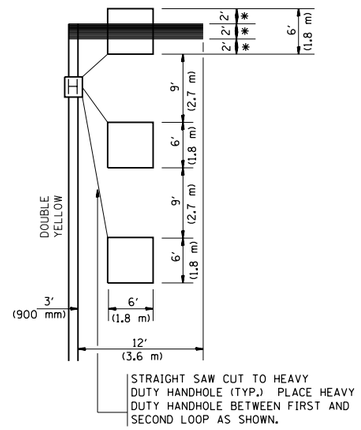


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

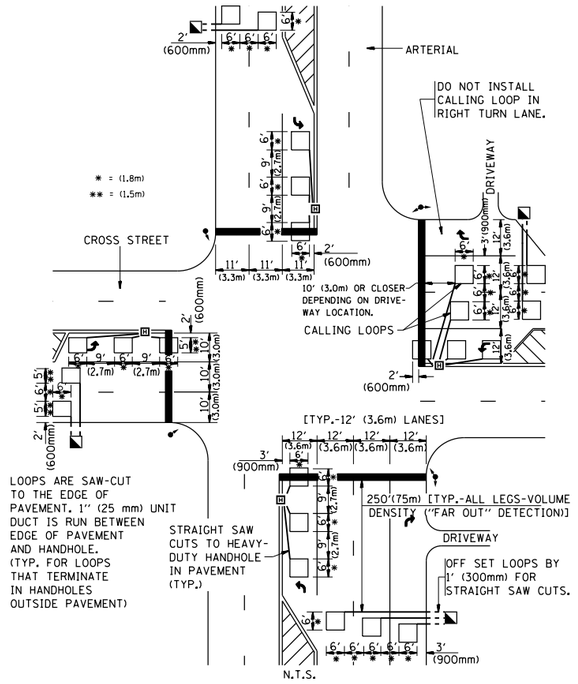
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)



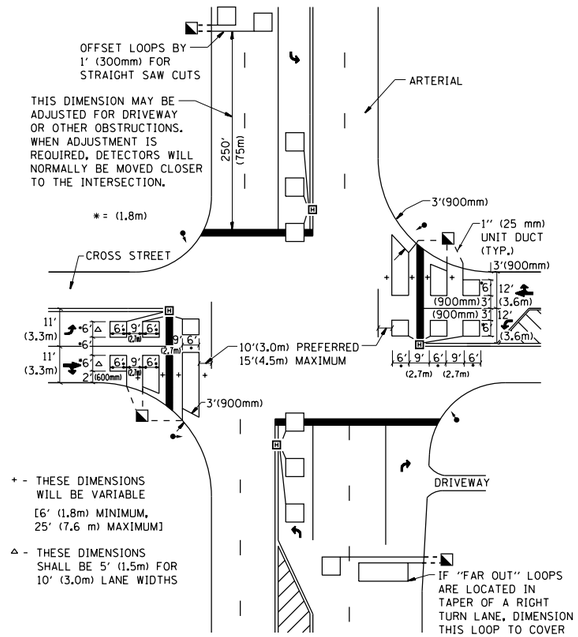
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

~~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 SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

FILE NAME = c:\pw_work\pwidot\reichenbachrl\d0315650\DistStd.dgn	USER NAME = reichenbachrl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - R.K.F.	REVISED -
	PLOT DATE = 2/15/2013	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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	540R-RS-2	DUPAGE&COOK	49	49
	TS-07	CONTRACT NO. 60N49		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		