

04-27-18 LETTING ITEM 002

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	1
ILLINOIS			CONTRACT NO. 60V18	

D-91-525-12

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT IS LOCATED
IN THE CITY OF JOLIET

PROPOSED HIGHWAY PLANS

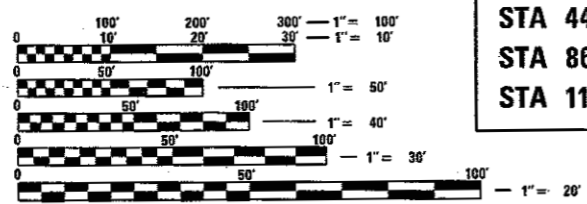
F.A.P ROUTE 607: US 30 (CASS ST.)
COLLINS ST. TO I-80
SECTION: 13RS-9
PROJECT: NHPP-LFW8(116)
RESURFACING; PEDESTRIAN RAMPS
WILL COUNTY

C-91-525-12
R10E



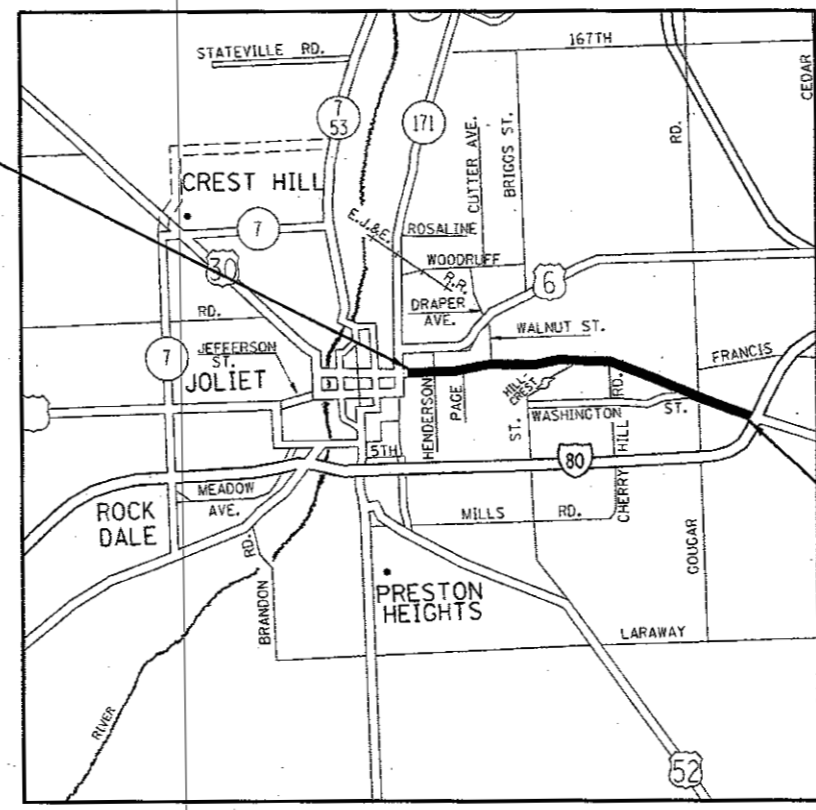
PROJECT BEGINS:
STA 10+77.8

OMISSIONS:
STA 25+71.8 TO STA 28+20.0
STA 44+44.2 TO STA 61+85.1
STA 86+97.0 TO STA 95+93.1
STA 116+09.5 TO STA 117+97.8



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 ENDS:
STA 238+84

TRAFFIC DATA:
OTHER ARTERIAL
2015 ADT: 16200
SPEED LIMIT: 30-45 MPH
S.U. = 7.41% M.U. = 1.95%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 24, 2018

Anthony J. P... / AS
REGIONAL ENGINEER

Mar 23, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

Paul P. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: J. ALAIN MIDY (847) 221-3056
PROJECT MANAGER: ISSAM RAYYAN (847) 705-4178
CONTRACT NO. 60V18

GROSS LENGTH = 22,806.20 FT. = 4.319 MILE
NET LENGTH = 19,159.00 FT. = 3.628 MILE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-08	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF JOLIET.

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

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

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

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H), WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

THE ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR WILL COUNTY, VIA EMAIL AT ERIC.CAMPOS@ILLINOIS.GOV AND, OR AT (815)485-6475, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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

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

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

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

TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.

THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

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

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-FLOW RESISTANT)" SHOWN IN THE PLANS.

OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.

GENERAL NOTES CONT'D

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

FILE NAME =	USER NAME = pyzzenowakrb	DESIGNED -	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">US 30 (COLLINS ST TO KRAKER AVE) INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Default	CHECKED -	REVISED -			607	13RS-9	WILL	47	2	
		DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 60V18			
						ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 0005				
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0005			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	73	73			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	204	204			
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3	3			
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	2.1	2.1			
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	2.1	2.1			
20101700	SUPPLEMENTAL WATERING	UNIT	2	2			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	113	113			
25200110	SODDING, SALT TOLERANT	SO YD	113	113			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	76030	76030			
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	169	169			
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	5877	5877			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1058	1058			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	9462	9462			
42001300	PROTECTIVE COAT	SO YD	503	503			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	4574	4574			
42400800	DETECTABLE WARNINGS	SO FT	353	353			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 0005				
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0005			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	82822	82822			
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	29815	29815			
44000600	SIDEWALK REMOVAL	SO FT	4455	4455			
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	100	100			
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	300	300			
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	300	300			
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SO YD	20	20			
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	30	30			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	394	394			
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1			
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3			
60262700	INLETS TO BE RECONSTRUCTED	EACH	3	3			
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	9	9			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	9	9			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	53	53			
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1			

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	PLDT DATE = 1/31/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 30 (COLLINS ST TO KRAKER AVE)
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V18	

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 0005				
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0005			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9			
67100100	MOBILIZATION	L SUM	1	1			
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1			
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1			
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11266	11266			
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	4107	4107			
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	842.4	842.4			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	56520	56520			

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 0005				
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0005			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4758	4758			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	278	278			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	3651	3651			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	682	682			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	5139	5139			
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	433	433			
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	332	332			
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	62	62			
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	842.4	842.4			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	56520	56520			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4758	4758			
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	278	278			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3651	3651			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	682	682			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1430	1430			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1430	1430			

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	PLOT DATE = 1/31/2018		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 30 (COLLINS ST TO KRAKER AVE)
SUMMARY OF QUANTITIES
SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	4
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60V18	

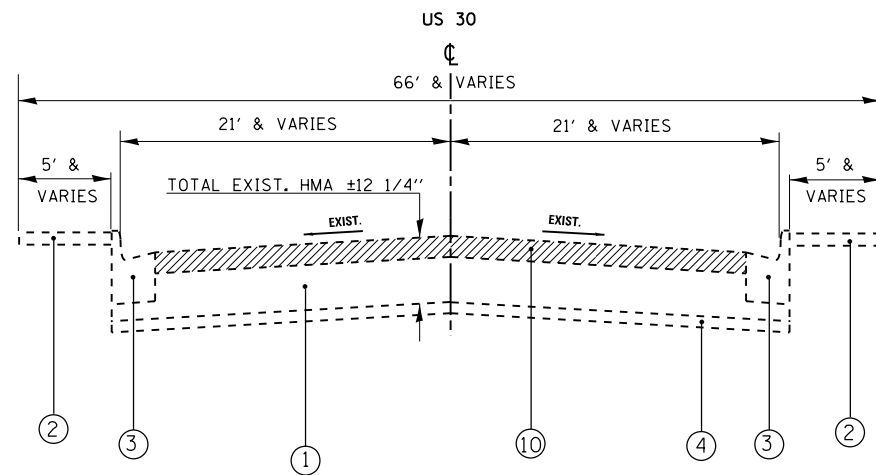
* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE 0005					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	80% FED 20% STATE 0005					CODE NO	ITEM	UNIT	TOTAL QUANTITIES					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	2587	2587													
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1													
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.52	0.52													
△ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	6650	6650													
△ X5537900	STORM SEWERS TO BE CLEANED 15"	FOOT	150	150													
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	25	25													
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	23970	23970													
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1006	1006													
△ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	60	60													
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	231.3	231.3													
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1													
∅ Z0076600	TRAINEES	HOUR	500	500													
∅ Z0076604	TRAINEES-TRAINING PROGRAM GRADUATE	HOUR	500	500													

∅ 0042

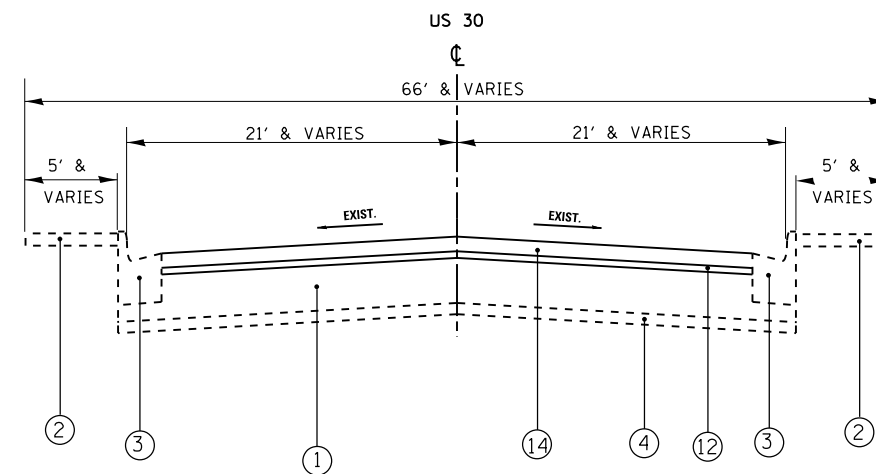
△ NON-PARTICIPATING

* SPECIALTY ITEMS



EXISTING TYPICAL SECTION

STA. 10+77.8 TO STA. 25+71.8
 STA. 28+20 TO STA. 44+44.2
 STA. 61+85.1 TO STA. 86+97
 STA. 95+93.1 TO STA. 110+42.1



PROPOSED TYPICAL SECTION

STA. 10+77.8 TO STA. 25+71.8
 STA. 28+20 TO STA. 44+44.2
 STA. 61+85.1 TO STA. 86+97
 STA. 95+93.1 TO STA. 110+42.1

LEGEND

- ① EXISTING HMA SURFACE COURSE REMAINING, ±10"
- ② EXISTING SIDEWALK
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ④ EXIST. SUB-BASE GRANULAR MATERIAL, ±4"
- ⑤ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑥ EXIST. PCC PAVEMENT
- ⑦ EXIST. PCC BASE COURSE WIDENING, 9"
- ⑧ EXIST. HMA SHOULDERS, 5"
- ⑨ EXIST. PCC MEDIAN
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED HMA SURFACE REMOVAL, 3"
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL -4.75, N50, 3/4"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL -4.75, N50, 1 1/2"
- ⑭ PROPOSED HMA SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)	IC
PAVEMENT RESURFACING AND SHOULDERS			
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, (IL 9.5 mm)	4% @ 70 GYR	PFP	
POLYMERIZED LEVELING BINDER, (MM), IL 4.75, N50	3.5% @ 50 GYR	QCP	9 PASSES
PAVEMENT PATCHING			
CLASS D PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA	
QMP DESIGNATION: QUALITY CONTROL/ QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)			

NOTE:

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

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

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

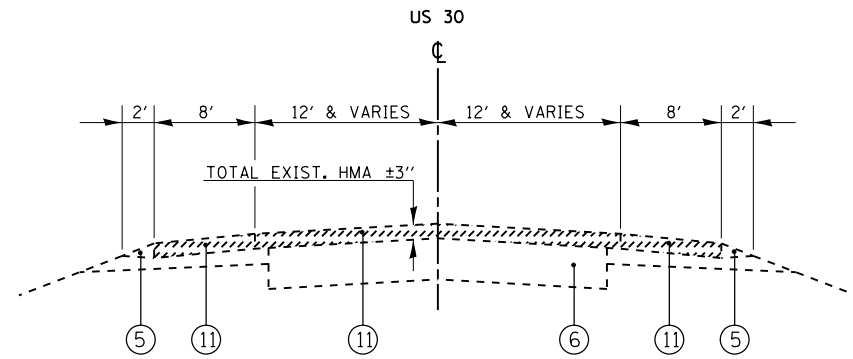
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

WHEN A NUMBER OF ROLLER PASSES IS SPECIFIED, THE CONTRACTOR MAY OPT TO USE INTELLIGENT COMPACTION (IC) IN LIEU OF DENSITY TESTING UNDER THE QUALITY CONTROL FOR PERFORMANCE (QCP) PROGRAM.

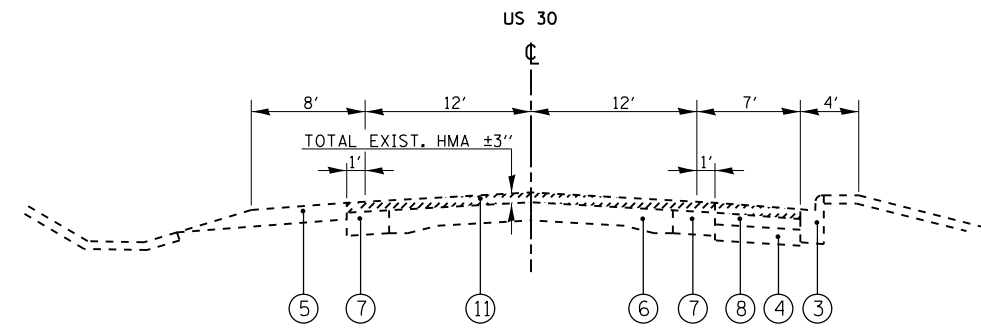
THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

LEGEND

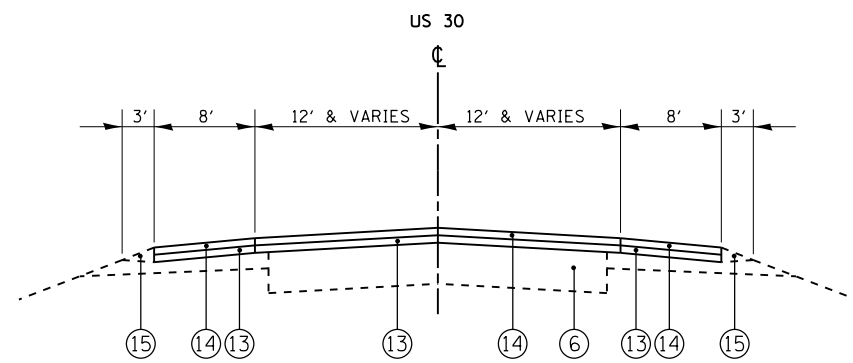
- ① EXISTING HMA SURFACE COURSE REMAINING, ±10"
- ② EXISTING SIDEWALK
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ④ EXIST. SUB-BASE GRANULAR MATERIAL, ±4"
- ⑤ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑥ EXIST. PCC PAVEMENT
- ⑦ EXIST. PCC BASE COURSE WIDENING, 9"
- ⑧ EXIST. HMA SHOULDERS, 5"
- ⑨ EXIST. PCC MEDIAN
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED HMA SURFACE REMOVAL, 3"
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL -4.75, N50, 3/4"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL -4.75, N50, 1 1/2"
- ⑭ PROPOSED HMA SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



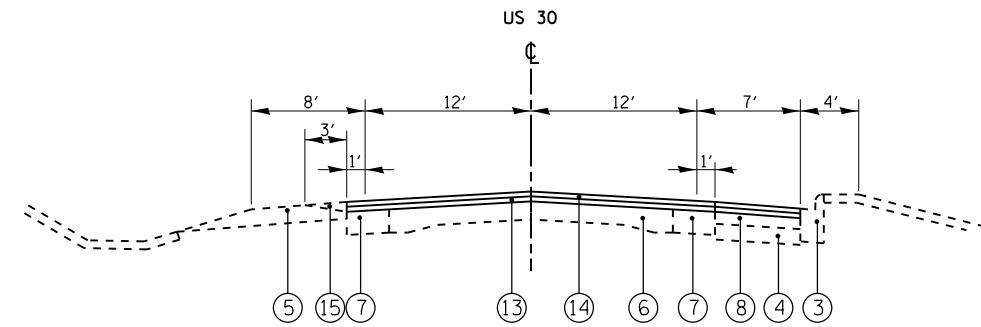
EXISTING TYPICAL SECTION
 STA. 110+42.4 TO STA. 116+09.5
 STA. 117+97.8 TO STA. 144+40



EXISTING TYPICAL SECTION
 STA. 144+40 TO STA. 185+72.4



PROPOSED TYPICAL SECTION
 STA. 110+42.4 TO STA. 116+09.5
 STA. 117+97.8 TO STA. 144+40



PROPOSED TYPICAL SECTION
 STA. 144+40 TO STA. 185+72.4

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PLOT DATE = 8/8/2017	DATE -	REVISED -

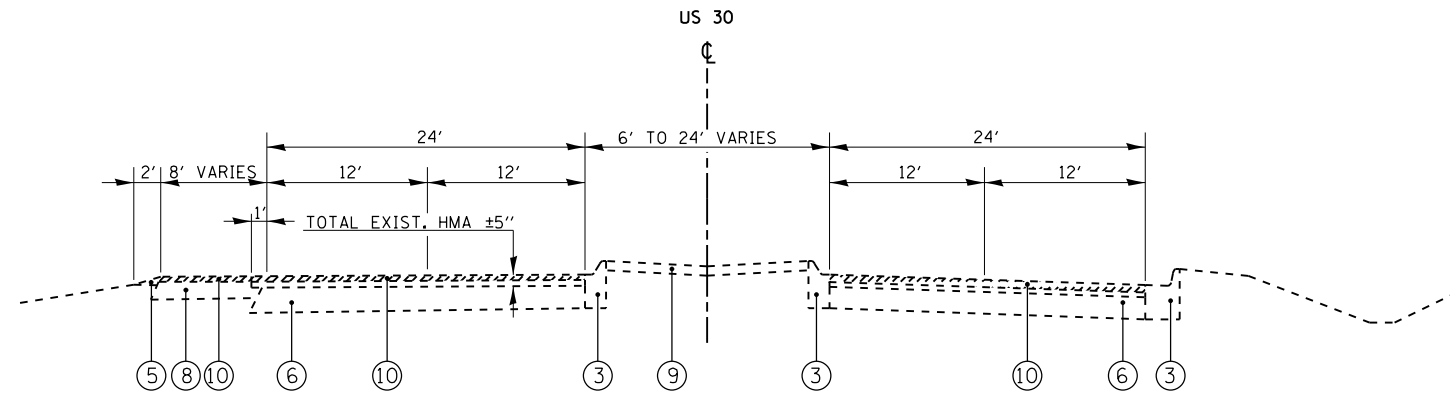
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	7
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				

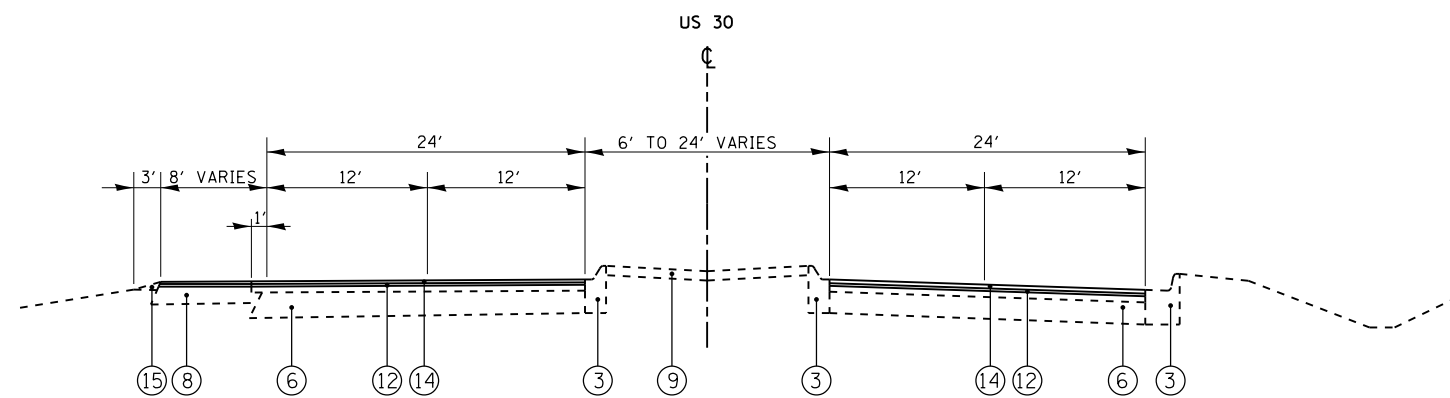
LEGEND

- ① EXISTING HMA SURFACE COURSE REMAINING, ±10"
- ② EXISTING SIDEWALK
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ④ EXIST. SUB-BASE GRANULAR MATERIAL, ±4"
- ⑤ EXIST. AGGREGATE SHOULDERS, TYPE B
- ⑥ EXIST. PCC PAVEMENT
- ⑦ EXIST. PCC BASE COURSE WIDENING, 9"
- ⑧ EXIST. HMA SHOULDERS, 5"
- ⑨ EXIST. PCC MEDIAN
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- ⑪ PROPOSED HMA SURFACE REMOVAL, 3"
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL -4.75, N50, 3/4"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL -4.75, N50, 1 1/2"
- ⑭ PROPOSED HMA SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



EXISTING TYPICAL SECTION

STA. 185+72.4 TO STA. 238+84



PROPOSED TYPICAL SECTION

STA. 185+72.4 TO STA. 238+84

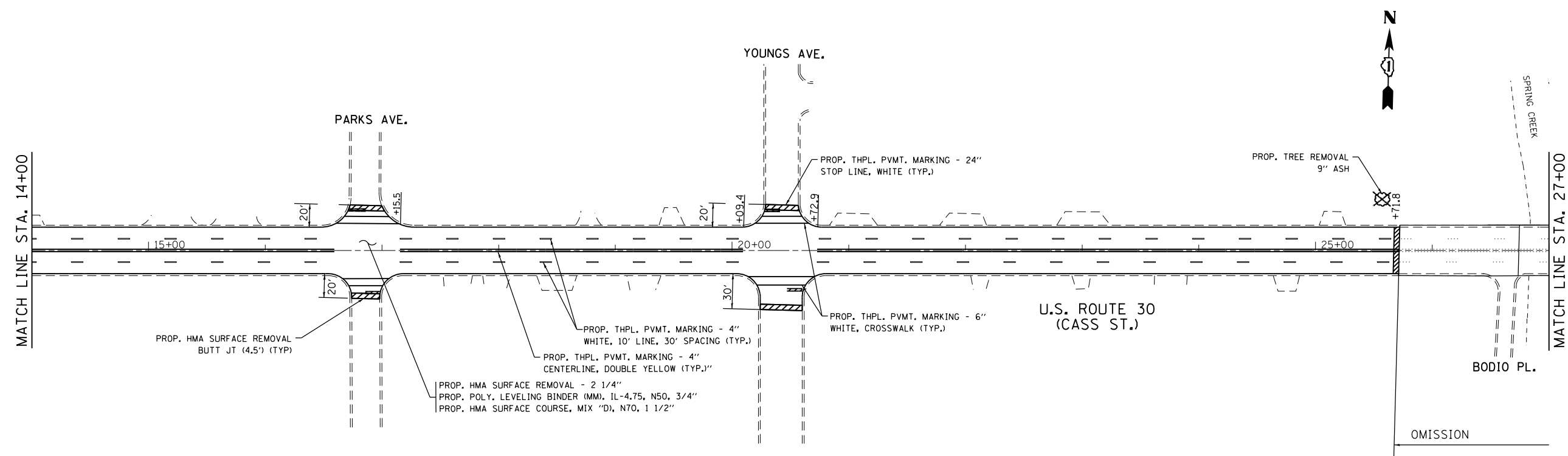
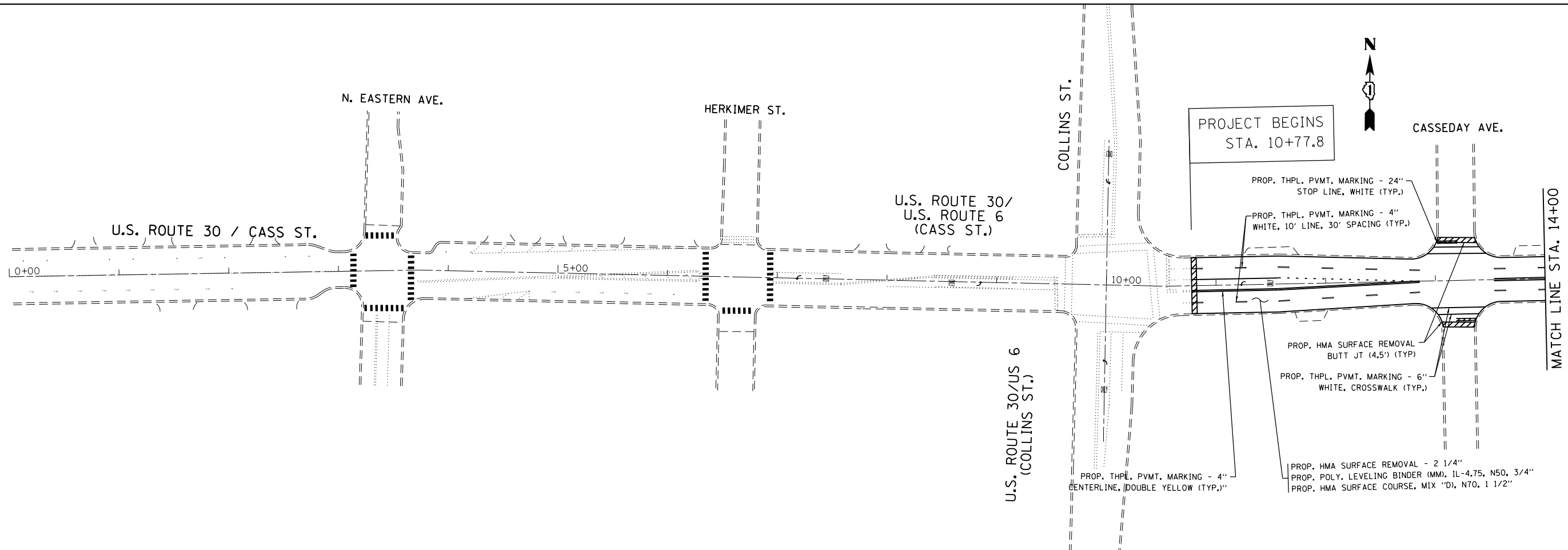
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/8/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	8
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



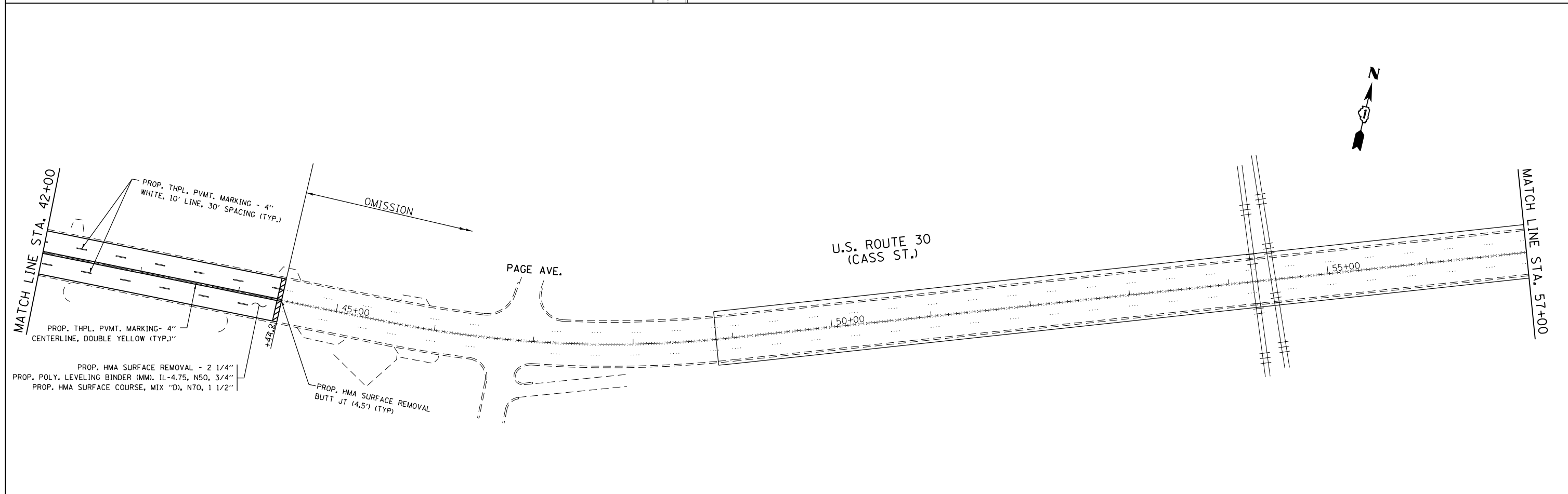
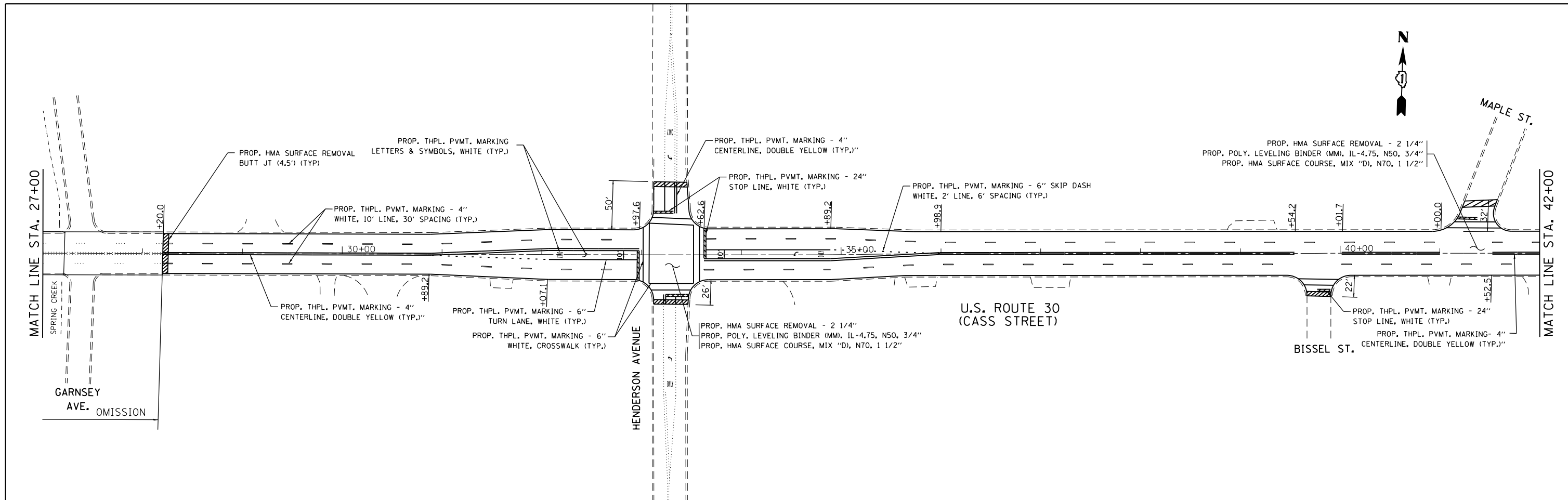
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/22/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

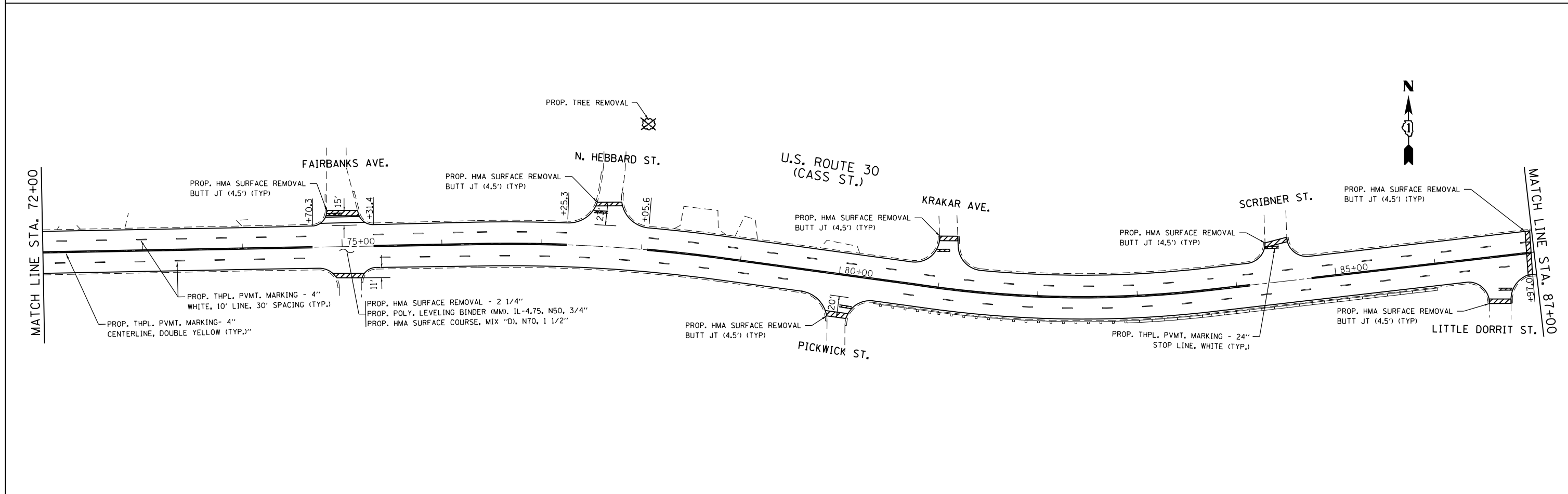
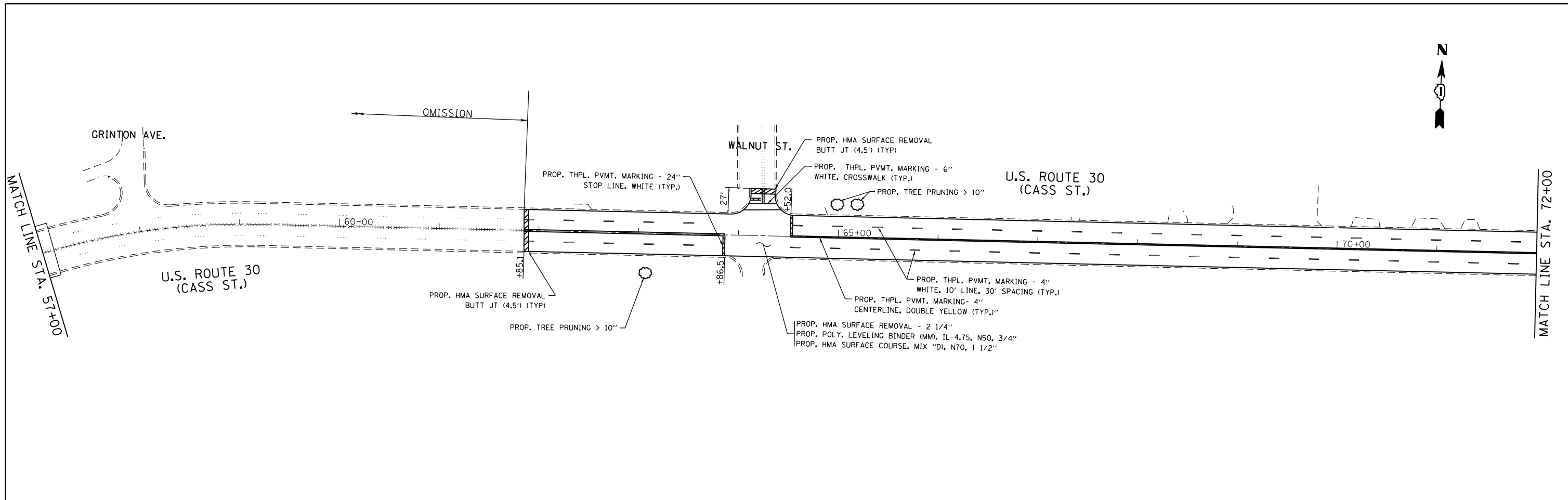
ROADWAY PLAN
US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)

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

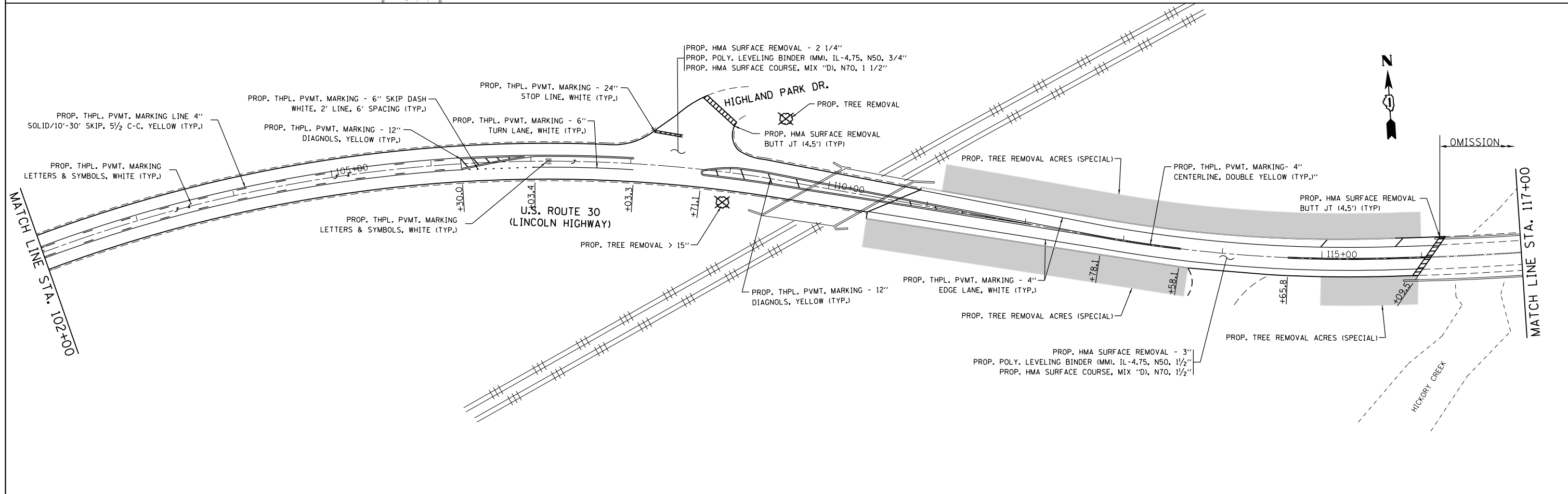
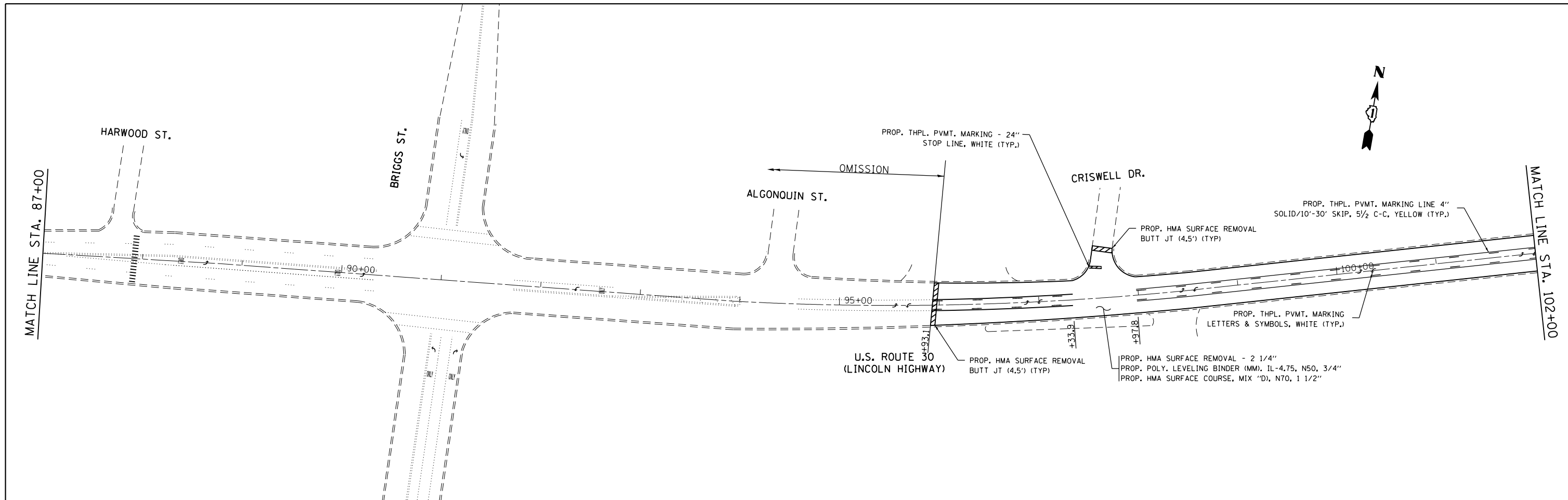
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	9
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = pyrzenowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI52512\Drawings\Design\DI52512-sht-plen.dgn		CHECKED -	REVISED -		US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)			607	13RS-9	WILL	47	10	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60V18	
	PLOT DATE = 8/15/2017				ILLINOIS FED. AID PROJECT								



FILE NAME =	USER NAME = pyrzenowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI52512\Design\DI52512-sht-plen.dgn	DRAWN -	REVISED -	607			13RS-9	WILL	47	11	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60V18			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/22/2017	DATE -	REVISED -			SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.		



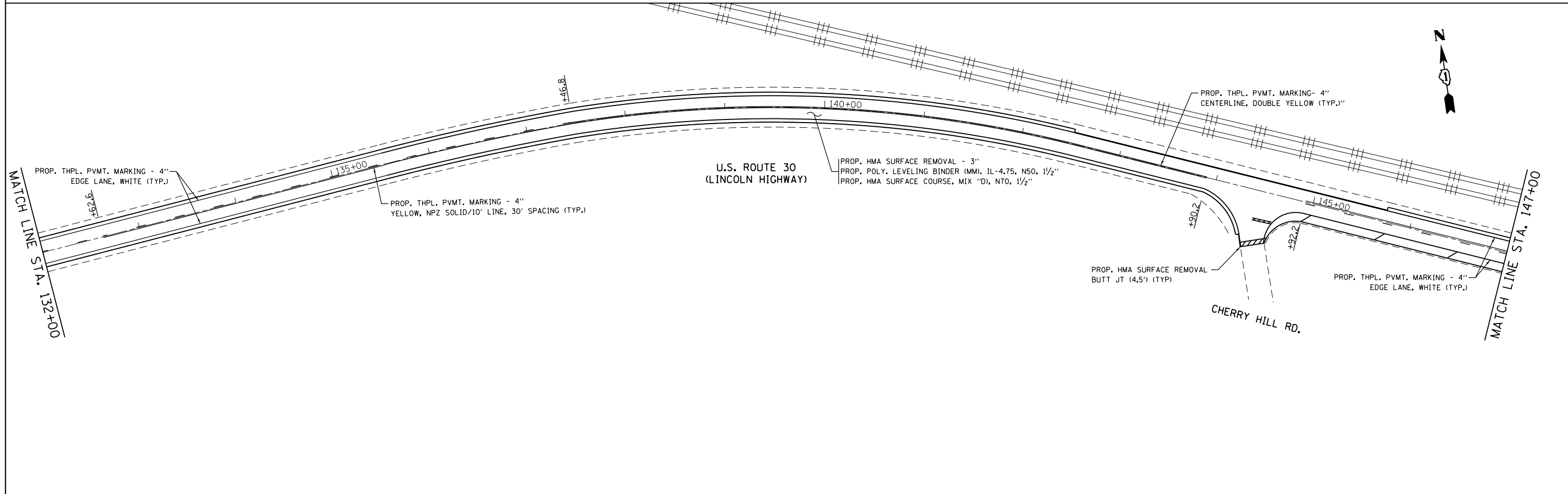
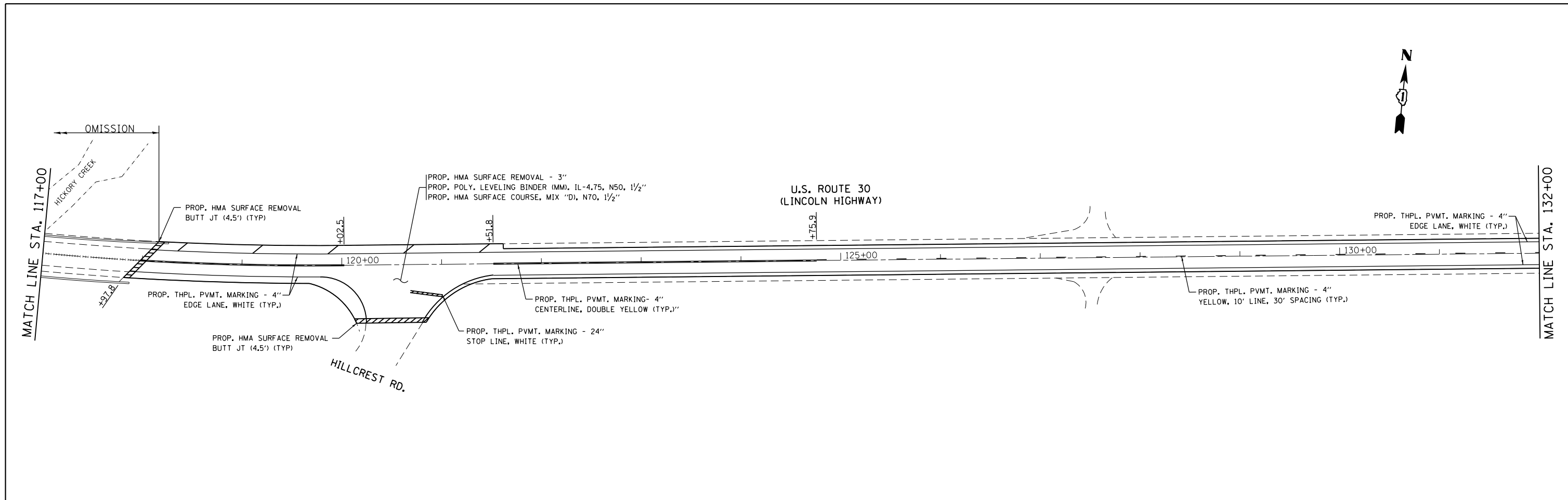
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/22/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	12
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				

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



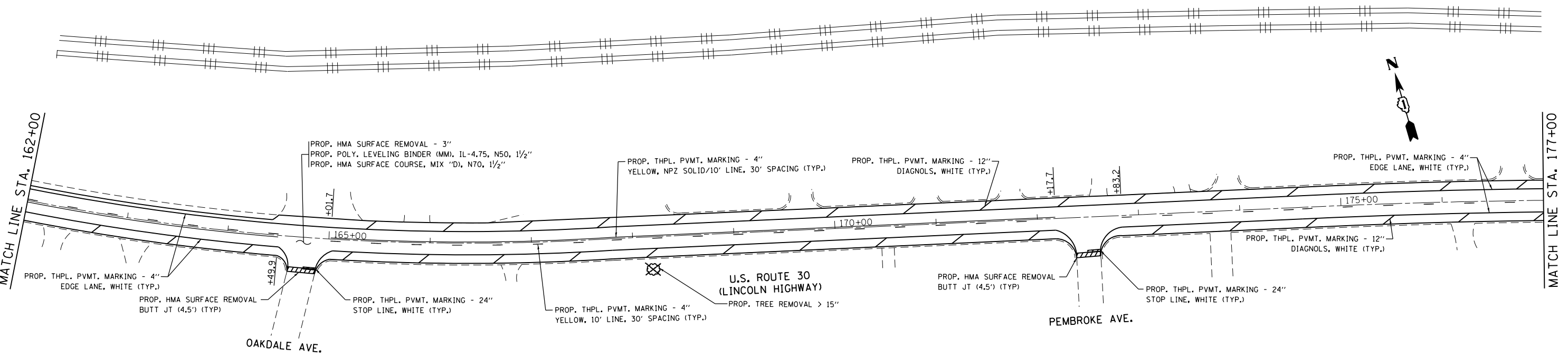
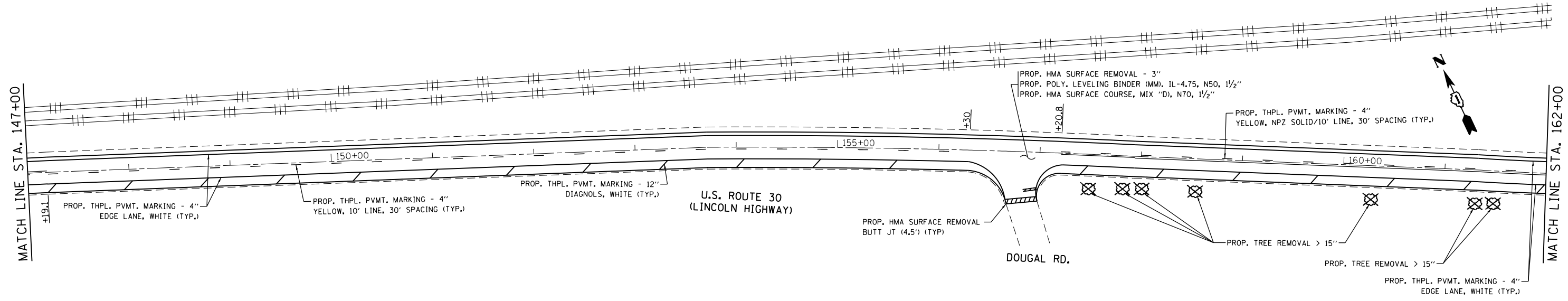
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	PLOT DATE = 8/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

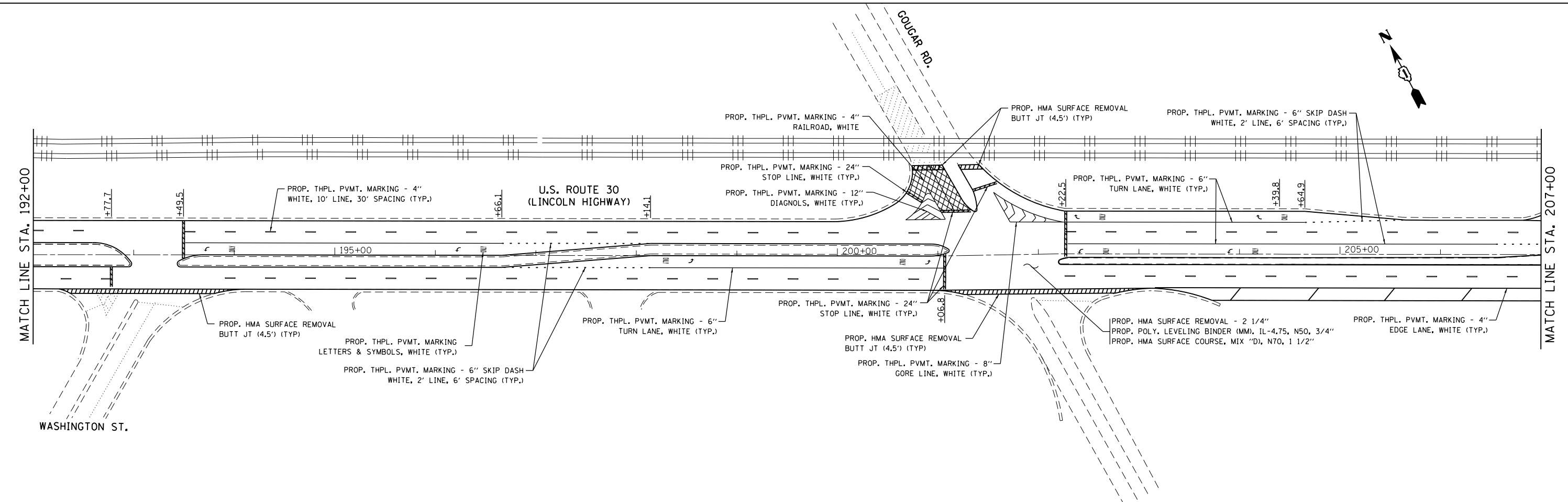
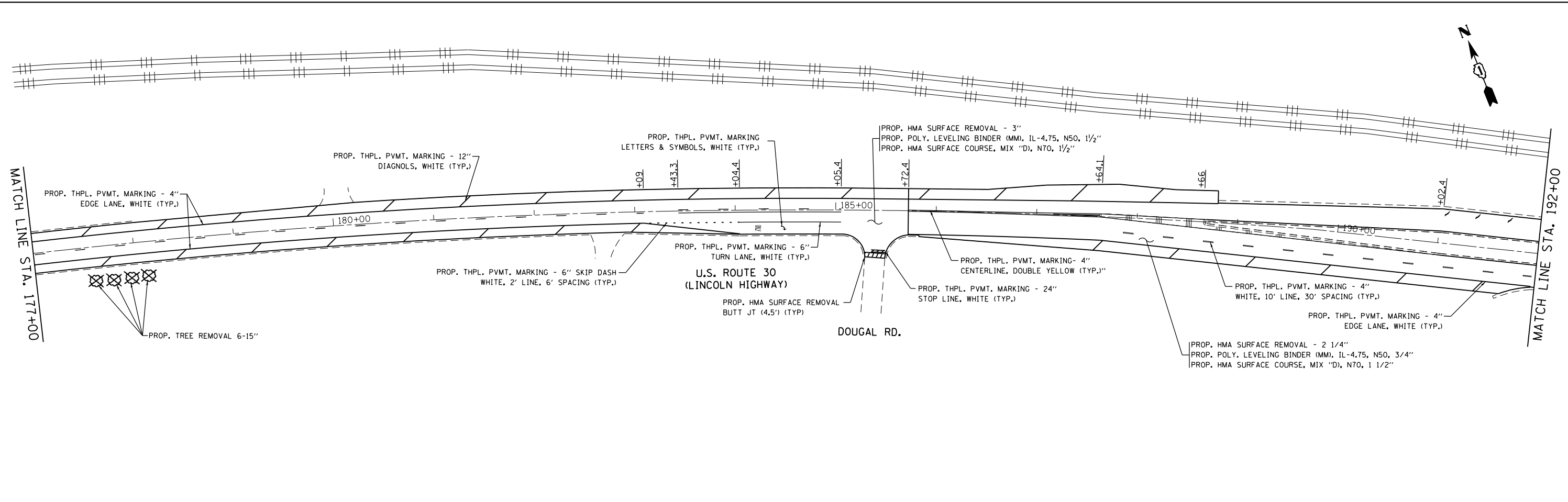
ROADWAY PLAN
US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)

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

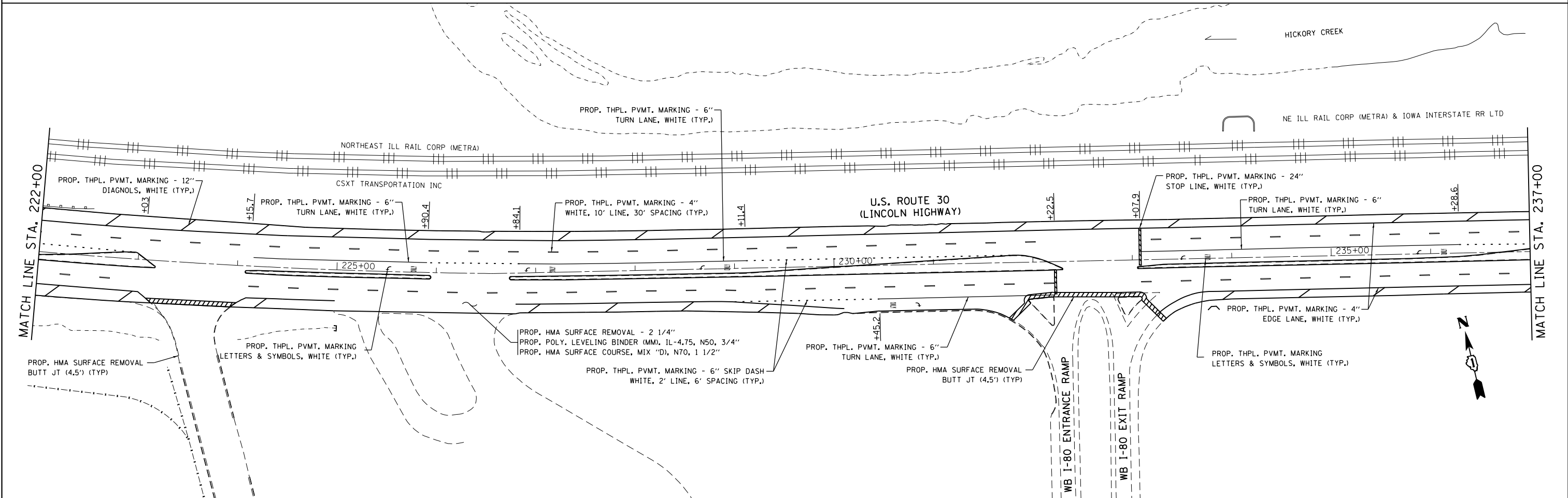
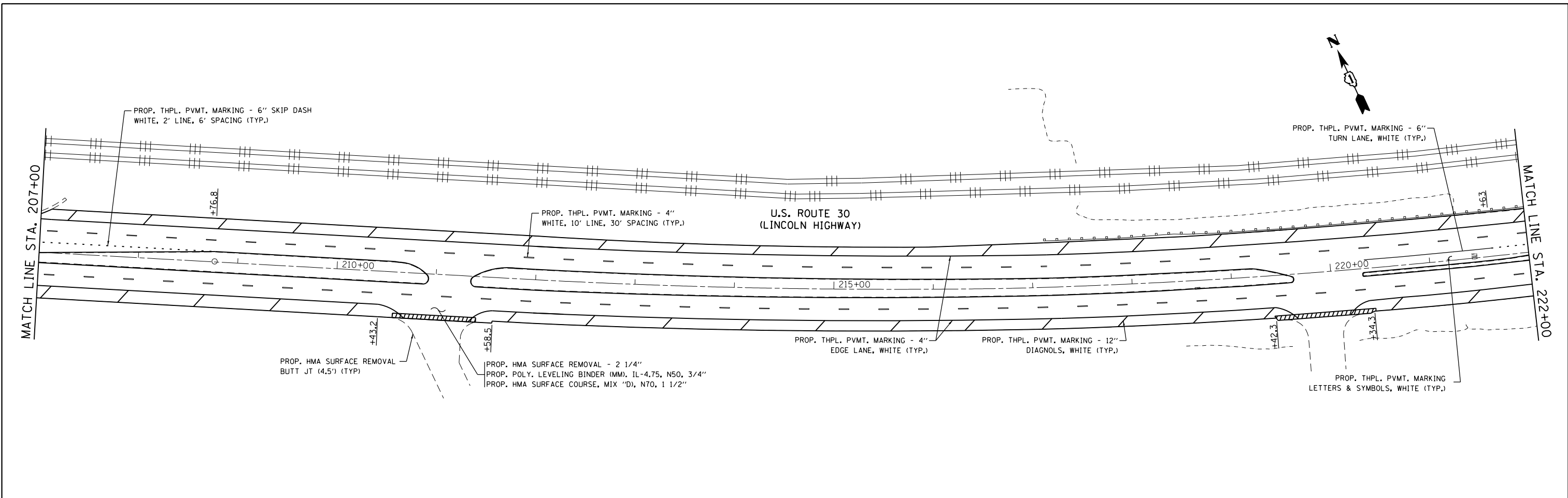
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	13
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



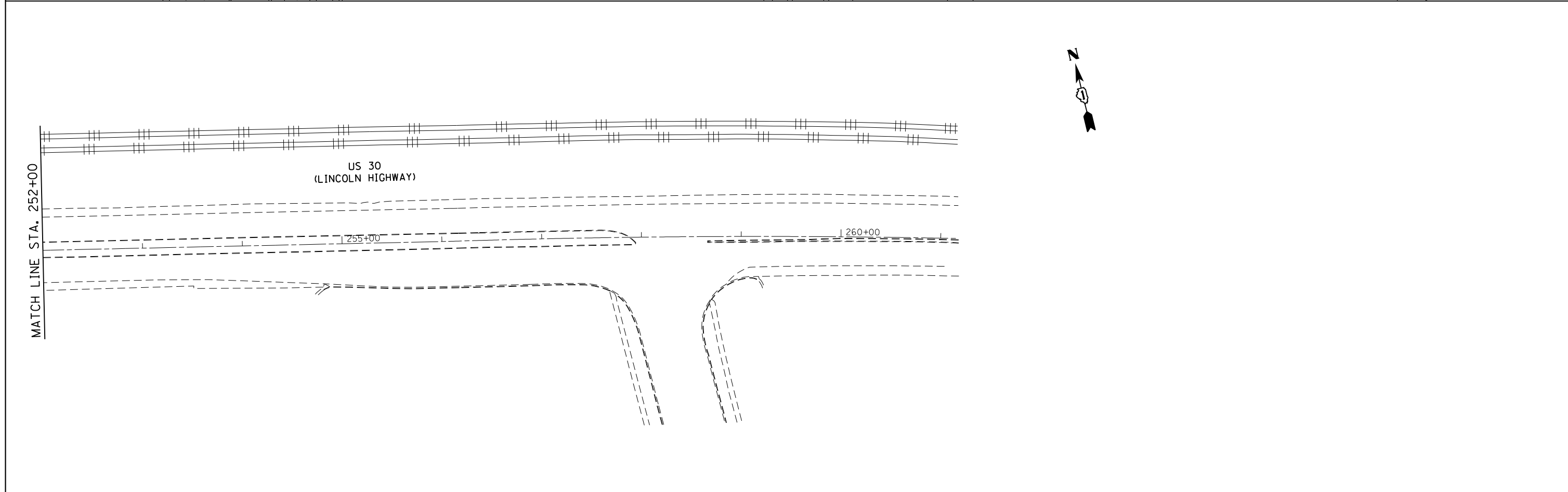
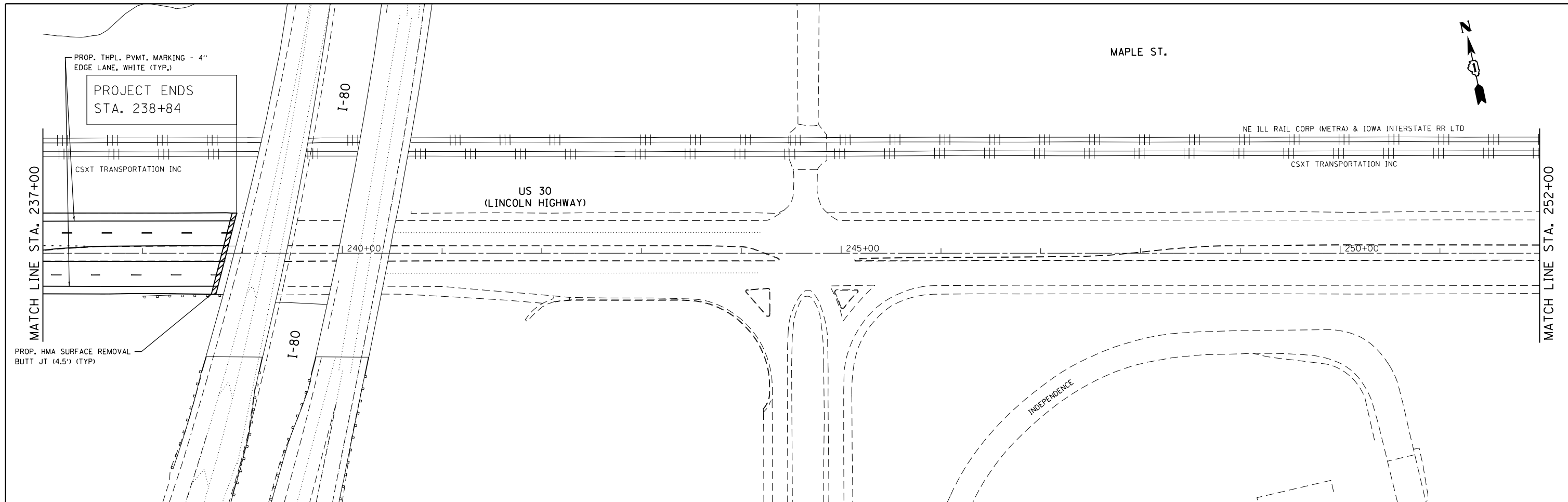
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pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI52512\Design\DI52512-sht-plan.dgn		REVISIONS	REVISIONS		US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)			607	13RS-9	WILL	47	14
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS		SCALE: 1" = 50'	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60V18		
	PLOT DATE = 8/23/2017	DATE -	REVISIONS		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = pyrzenowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DATE = 8/23/2017		DATE -	REVISION -			ILLINOIS FED. AID PROJECT				
Default				SCALE: 1" = 50'		SHEET OF SHEETS		STA. TO STA.		



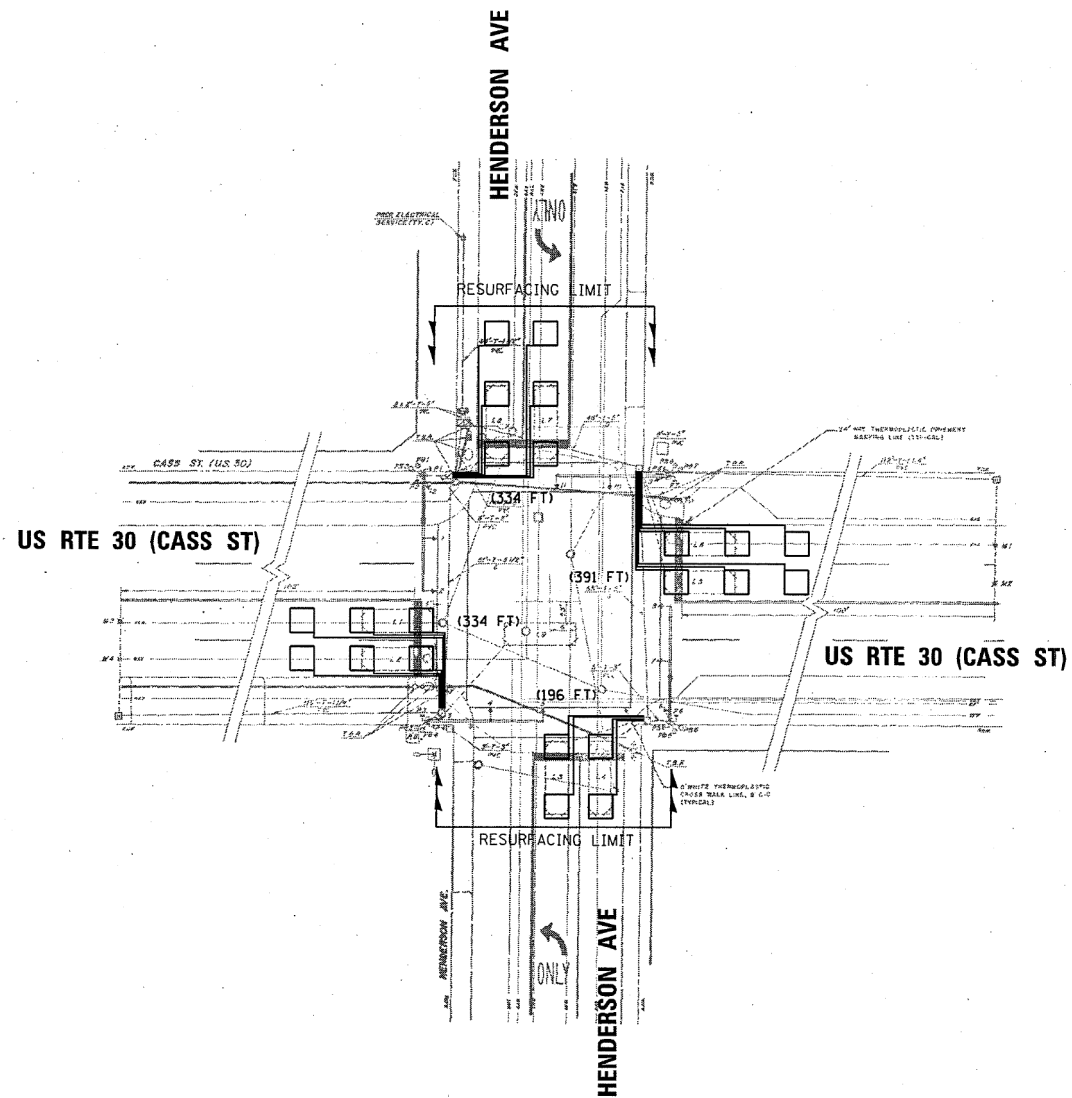
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		US 30 (CASS ST./LINCOLN HWY.) (COLLINS ST. TO I-80)			CONTRACT NO. 60V18				
Default	PLOT DATE = 8/23/2017	DATE -	REVISED -	SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = pyrzenowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default		DATE -	REVISED -		SCALE: 1" = 50'	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60V18		
										ILLINOIS FED. AID PROJECT		

NOTES:

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



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	1255	FOOT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
US RTE 30 (CASS ST) AT HENDERSON AVE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	18
CONTRACT NO. 60V18				

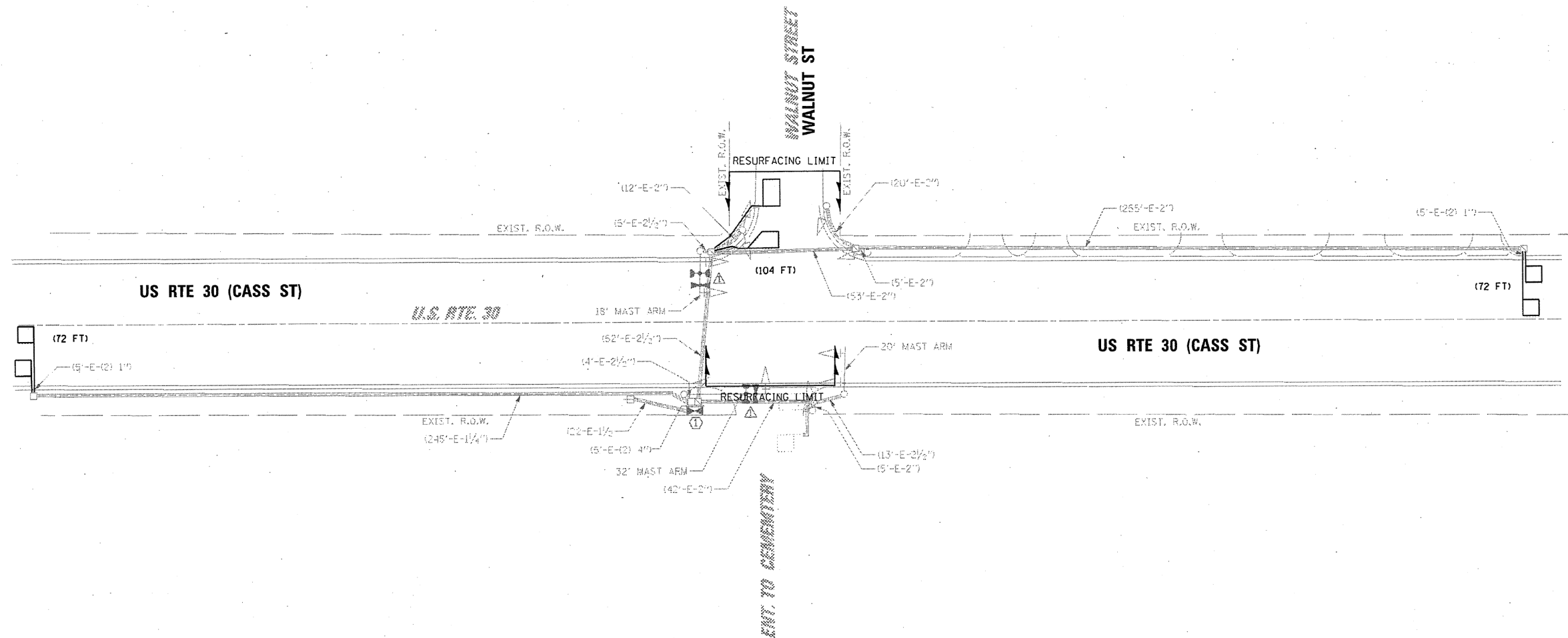
SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

USER NAME = pyzanoski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/8/2017	DATE -	REVISED -

NOTES:

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



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	248	FOOT

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USER NAME = pyrzanowski	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/8/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

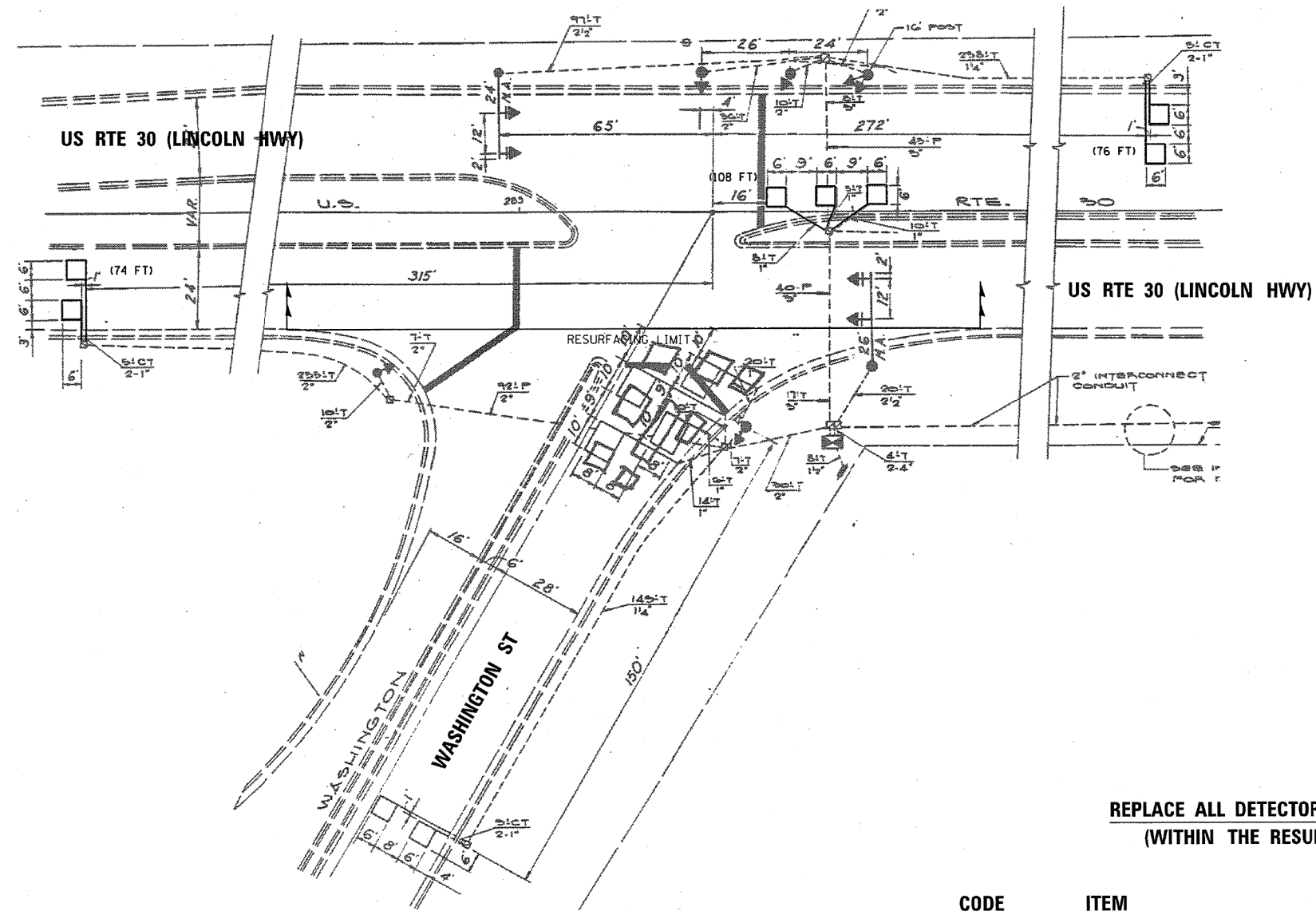
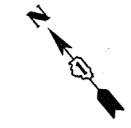
**DETECTOR LOOP REPLACEMENT PLAN
US RTE 30 (CASS ST) AT WALNUT ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	19
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				

NOTES:

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



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	258	FOOT

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 8/8/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

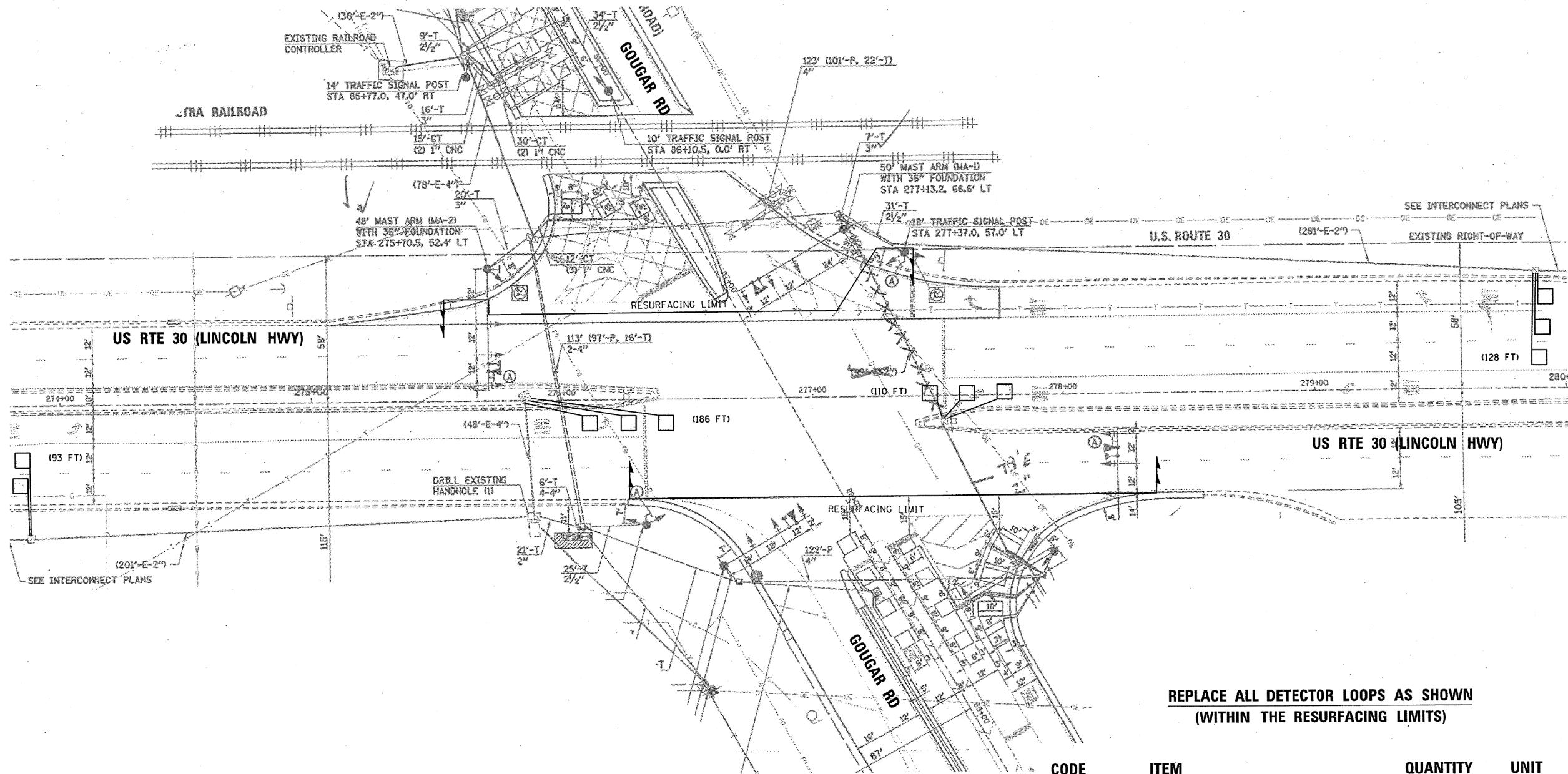
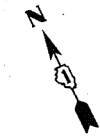
**DETECTOR LOOP REPLACEMENT PLAN
US RTE 30 (CASS ST) AT WASHINGTON ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13R5-9	WILL	47	20
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				

NOTES:

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



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	517	FOOT

MODEL: Default
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USER NAME = pyranowski	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 8/8/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

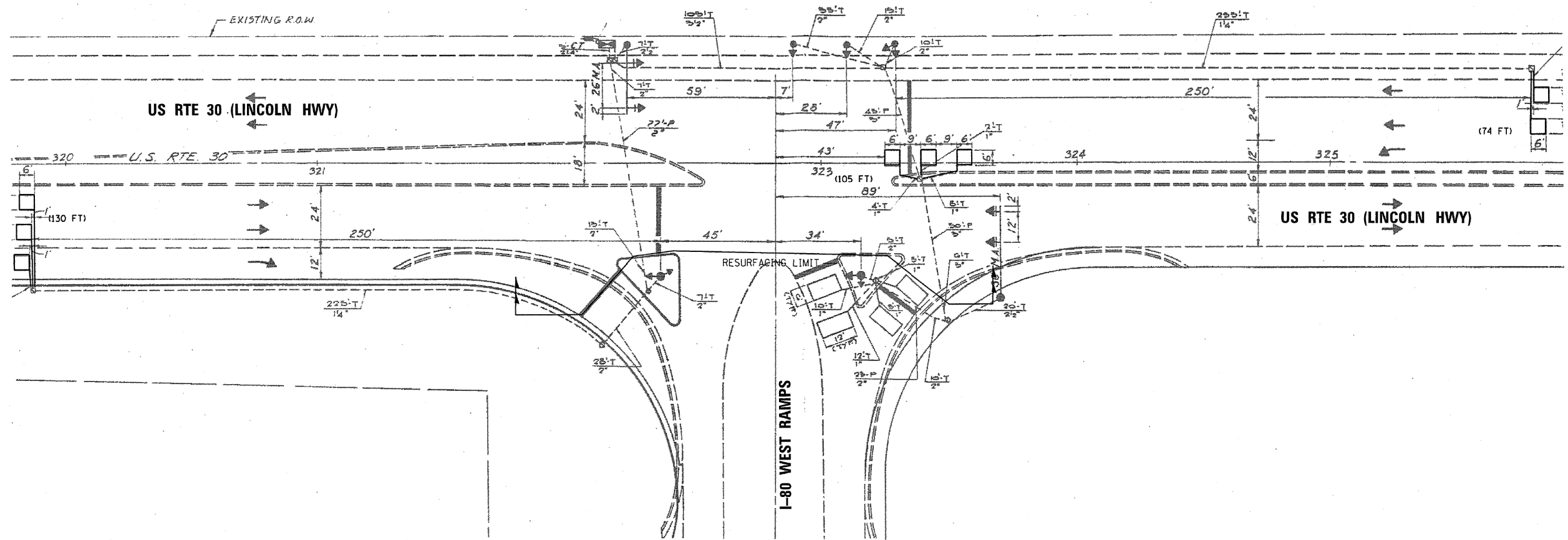
**DETECTOR LOOP REPLACEMENT PLAN
US RTE 30 (CASS ST) AT GOUGAR RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	21
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				

NOTES:

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



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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	309	FOOT

MODEL: Default
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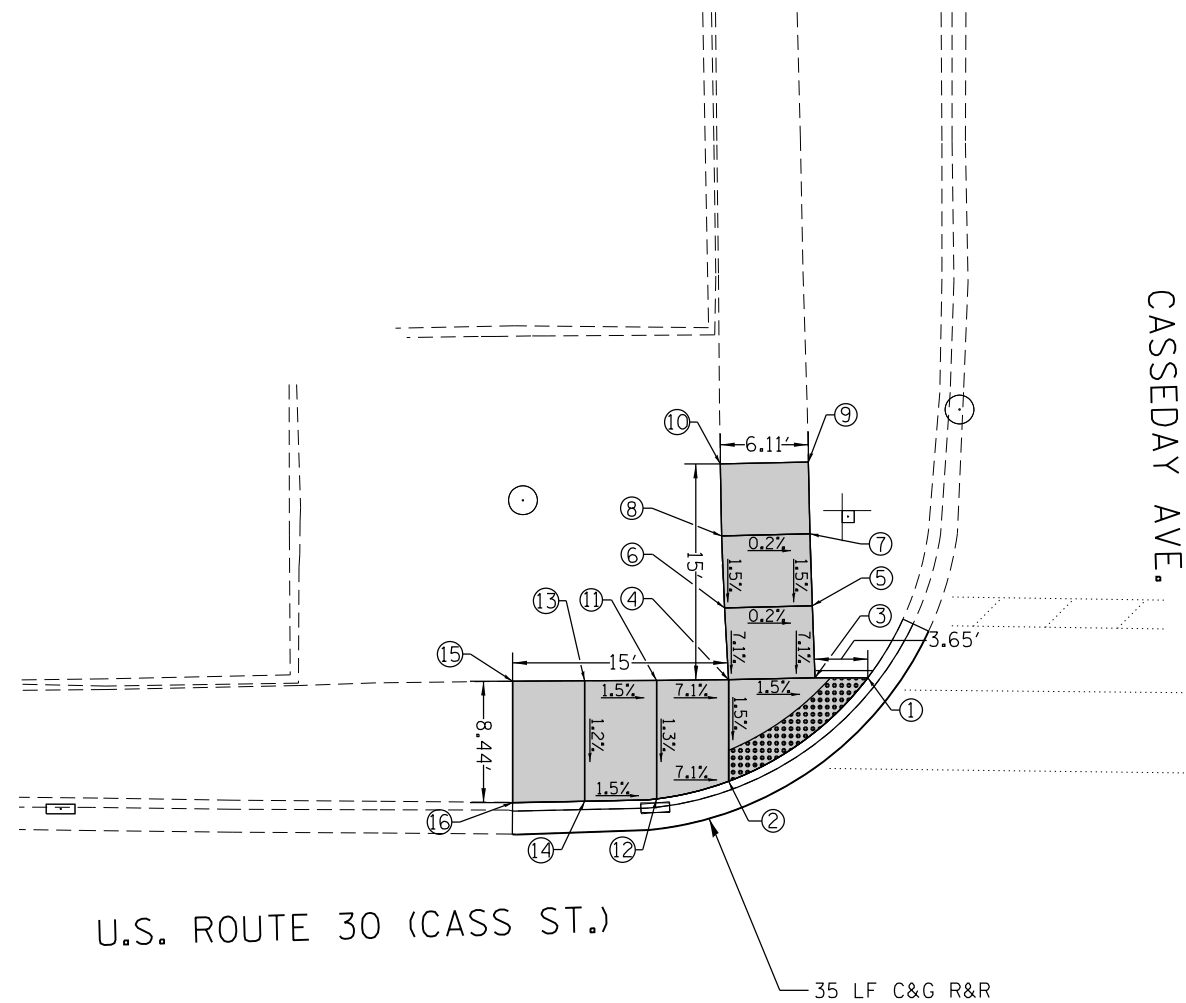
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/8/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
US RTE 30 (CASS ST) AT I-80 WEST RAMPS**

SCALE: SHEET OF SHEETS STA. TO STA.

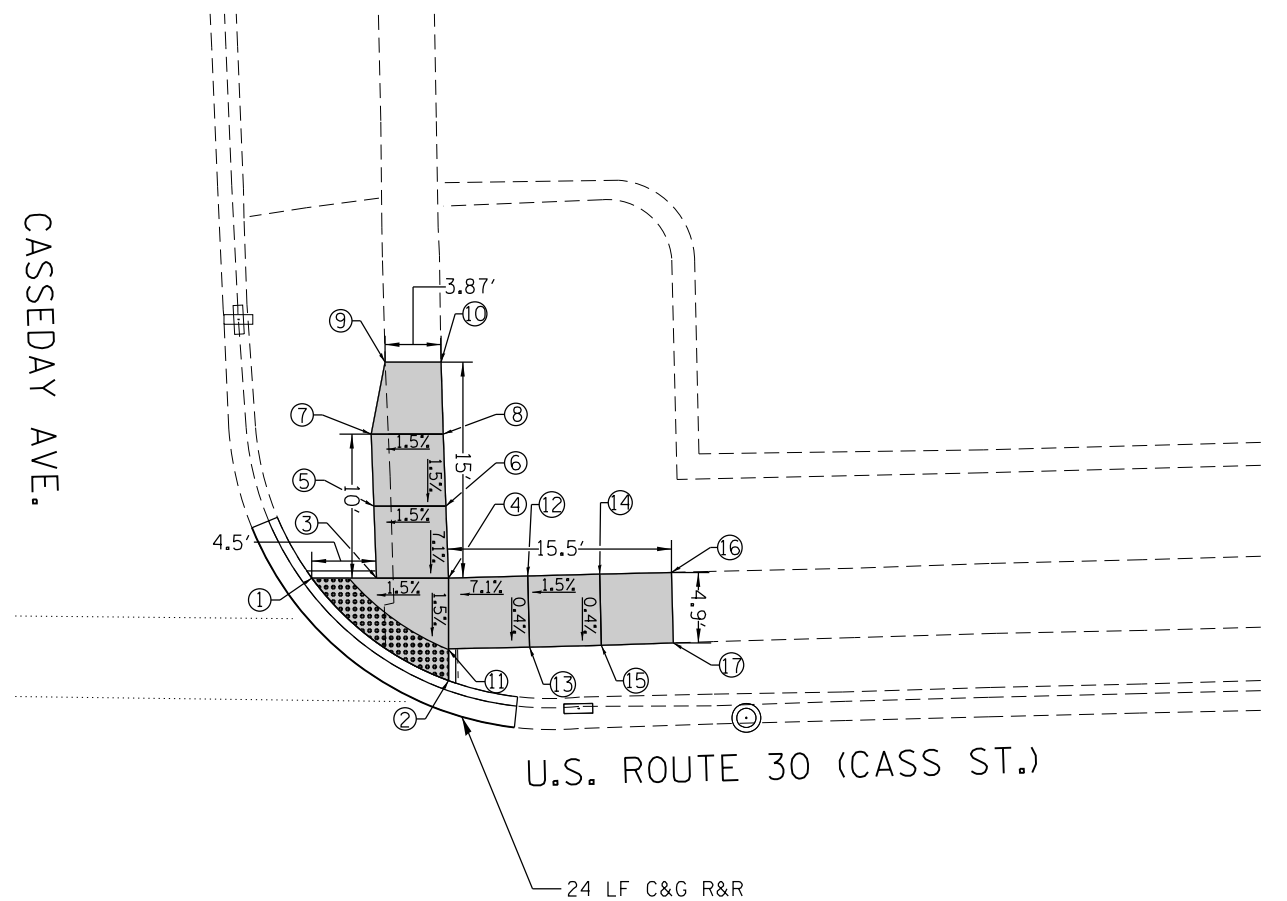
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	22
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND CASSEDDAY AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	542.7155	6	543.0908	11	543.0908	16	543.0992
2	542.6281	7	543.152	12	542.9851		
3	542.72	8	543.1658	13	543.1658		
4	542.7338	9	543.3425	14	543.0601		
5	543.077	10	543.3225	15	543.3109		



NORTHEAST CORNER
US 30 (CASS ST.) AND CASSEDDAY AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	542.9283	6	543.4263	11	543.0492	16	543.6516
2	543.0162	7	543.4263	12	543.4263	17	543.5777
3	542.9943	8	543.5013	13	543.4062		
4	543.0693	9	543.5852	14	543.5013		
5	543.3513	10	543.6681	15	543.4812		

REFERENCE BENCHMARK ELEV 543.70

BENCHMARK : SQUARE CUT IN N. CONC. BASE OF LIGHT POLE IN THE SE CORNER
OF US 30 7 CASSEDDAY AVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

FILE NAME =	USER NAME = pyrzanowski	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

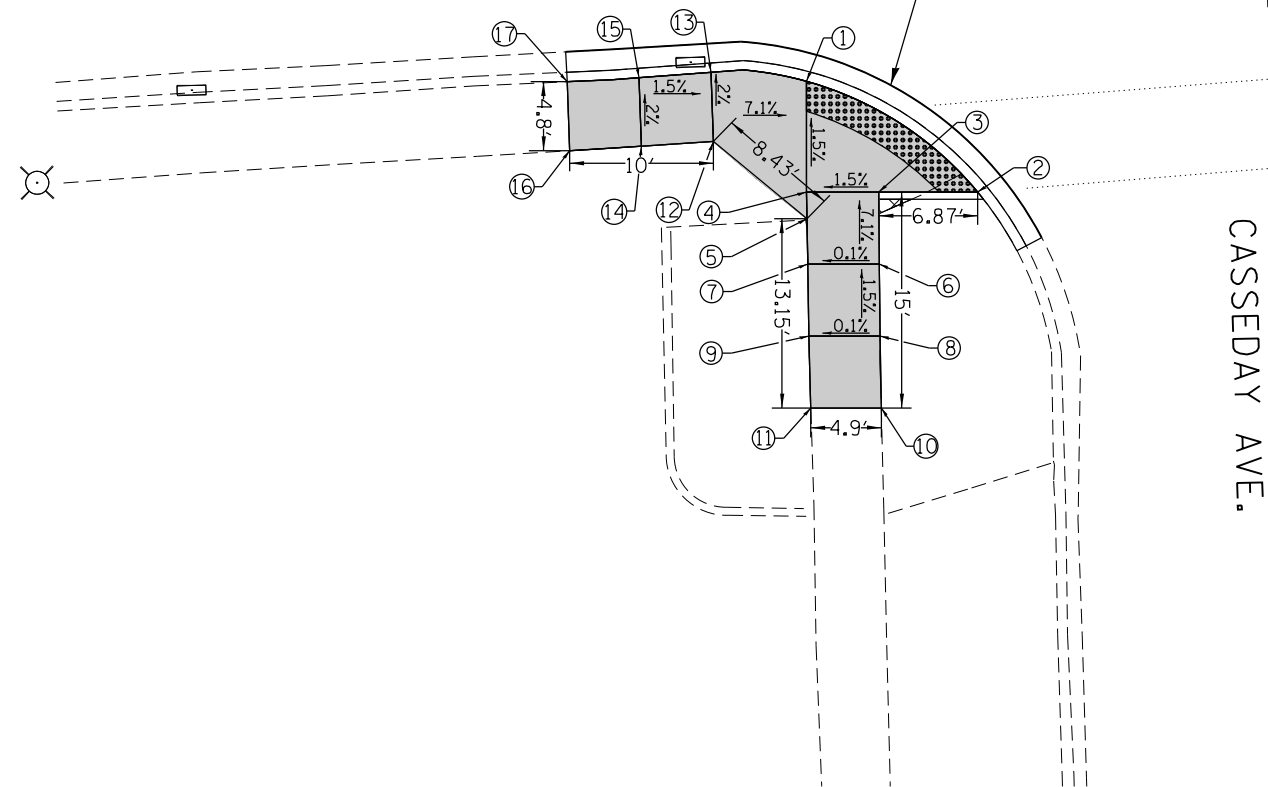
ADA DETAILS
US 30 (CASS ST.) AT CASSEDDAY AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	23
				CONTRACT NO. 60V18
ILLINOIS FED. AID PROJECT				

U.S. ROUTE 30 (CASS ST.)

38 LF C&G R&R



CASSEDDAY AVE.

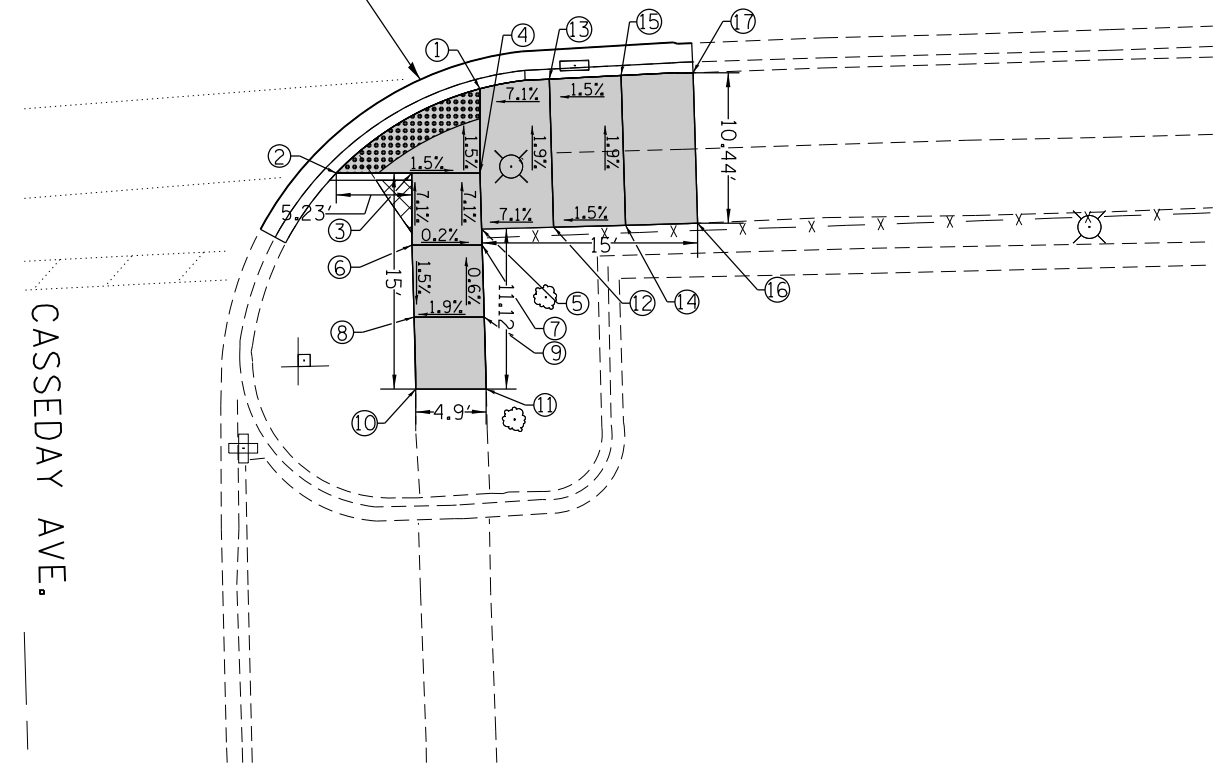
SOUTHWEST CORNER
US 30 (CASS ST.) AND CASSEDDAY AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	542.7419	6	543.217	11	543.322	16	543.4533
2	542.8669	7	543.2142	12	543.3091	17	543.1614
3	542.86	8	543.292	13	543.2131		
4	542.8572	9	543.2892	14	543.3841		
5	542.9857	10	543.3801	15	543.2881		

U.S. ROUTE 30 (CASS ST.)

35 LF C&G R&R



CASSEDDAY AVE.

SOUTHEAST CORNER
US 30 (CASS ST.) AND CASSEDDAY AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	543.1022	6	543.557	11	543.5951	16	543.7633
2	543.2213	7	543.5471	12	543.6021	17	543.4326
3	543.2	8	543.482	13	543.3981		
4	543.1901	9	543.578	14	543.6265		
5	543.4614	10	543.4724	15	543.4225		

REFERENCE BENCHMARK ELEV 543.70

BENCHMARK : SQUARE CUT IN N. CONC. BASE OF LIGHT POLE IN THE SE CORNER OF US 30 7 CASSEDDAY AVE.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

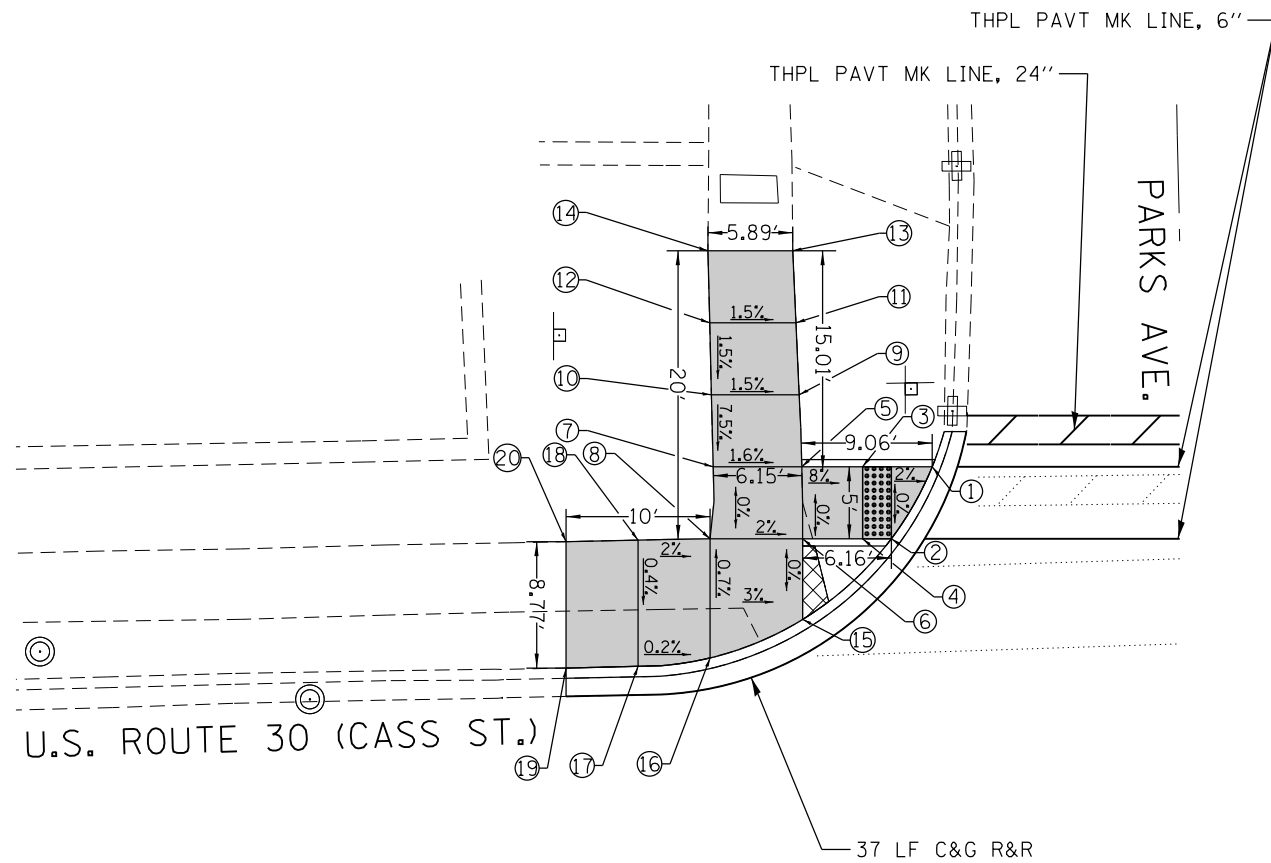
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Default	PLOT DATE = 8/21/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
US 30 (CASS ST.) AT CASSEDDAY AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

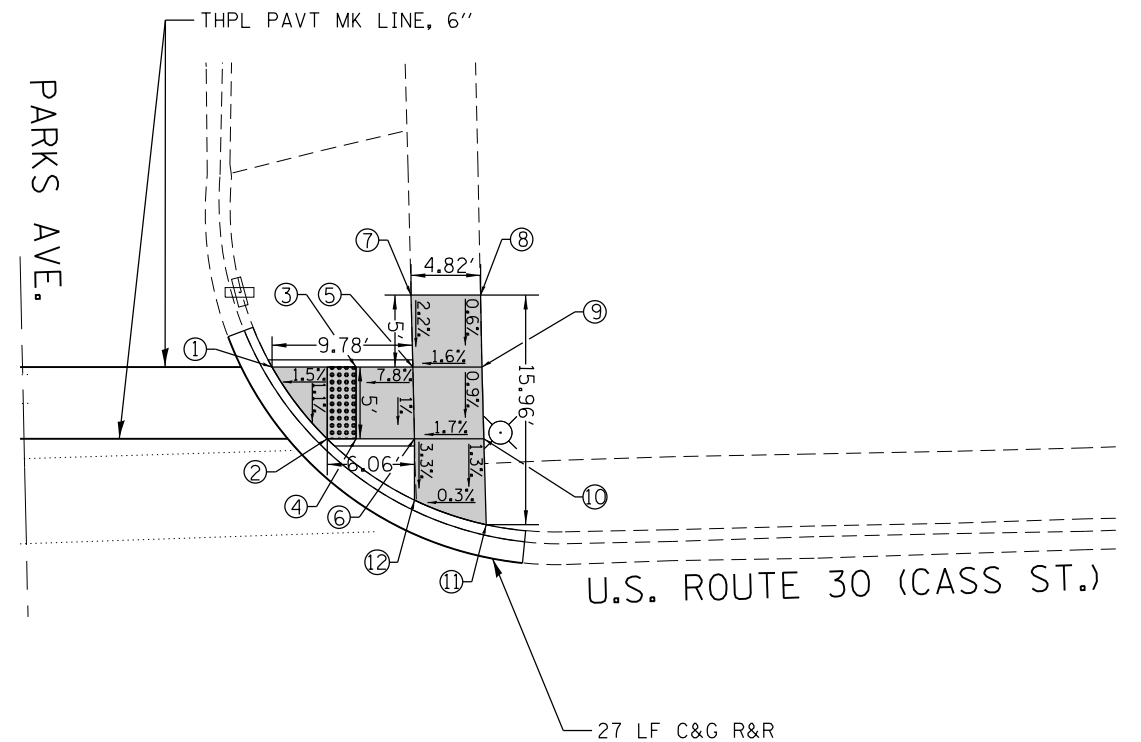
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	24
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND PARKS AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	544.0093	6	544.41	11	544.892	16	544.5908
2	544.0843	7	544.532	12	544.984	17	544.601
3	544.082	8	544.532	13	545.1531	18	544.632
4	544.0843	9	544.81	14	545.2359	19	544.5609
5	544.41	10	544.909	15	544.41	20	544.9063



NORTHEAST CORNER
US 30 (CASS ST.) AND PARKS AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	543.8524	6	544.197	11	544.3572		
2	543.8545	7	544.3627	12	544.3396		
3	543.94	8	544.3602				
4	543.885	9	544.327				
5	544.25	10	544.282				

REFERENCE BENCHMARK ELEV 544.49

BENCHMARK : SQUARE CUT IN CONC. BASE OF LIGHT POLE IN THE SW CORNER OF US 30 & PARKS AVE.

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

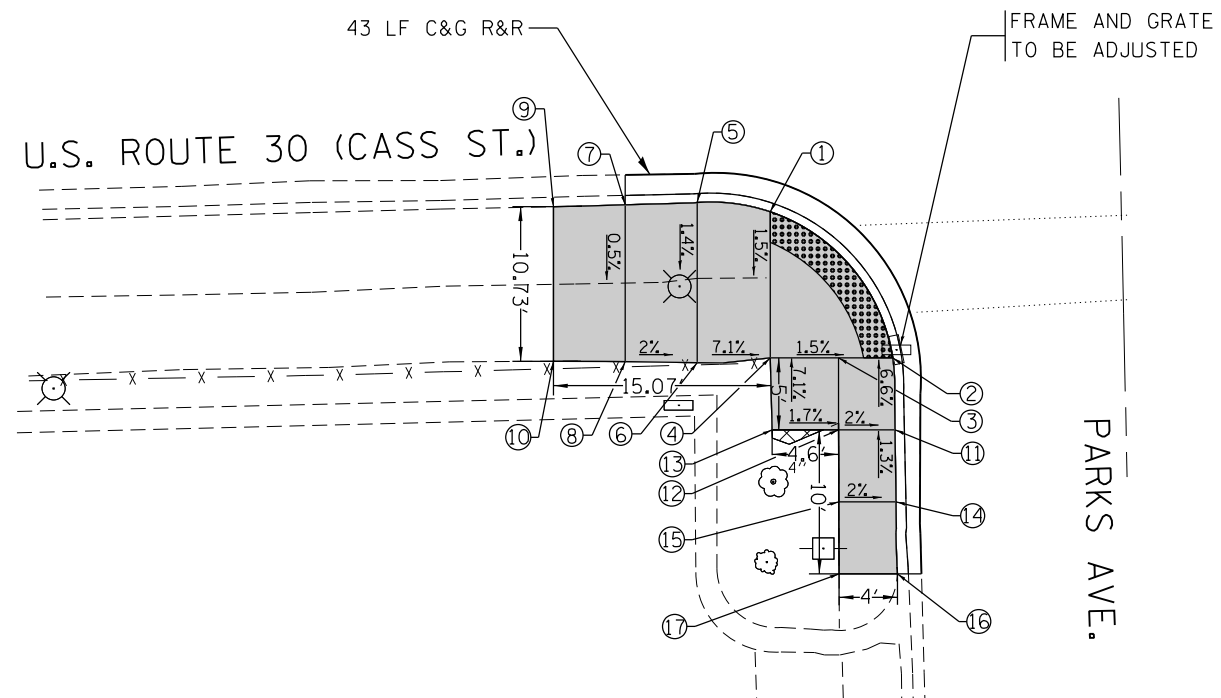
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

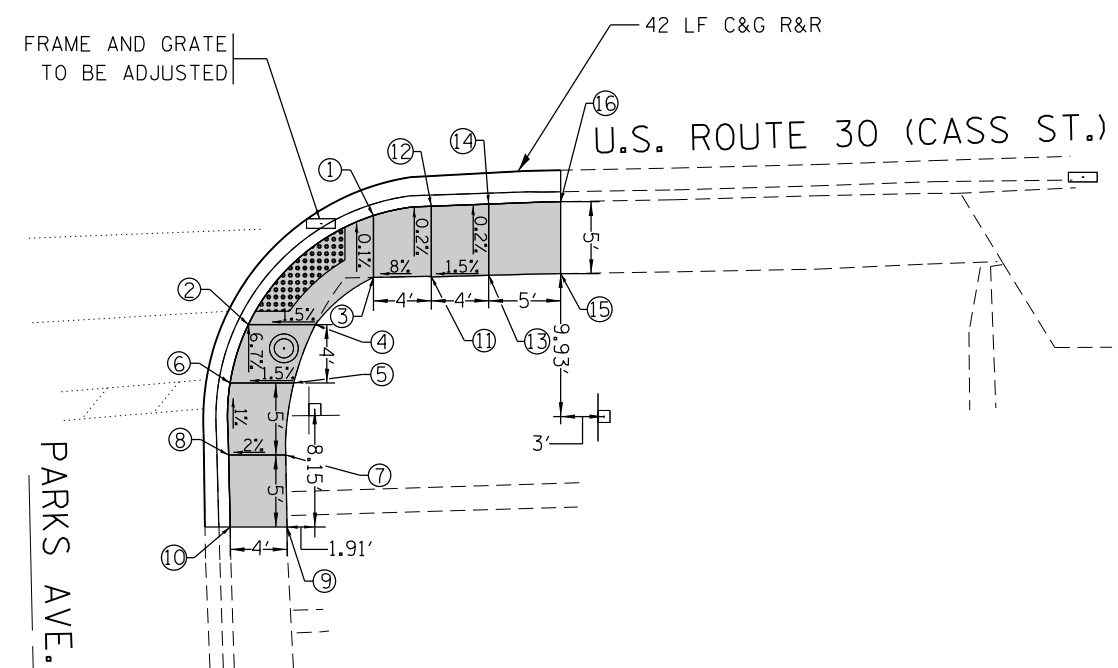
ADA DETAILS
US 30 (CASS ST.) AT PARKS AVE.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	25
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



SOUTHWEST CORNER
US 30 (CASS ST.) AND PARKS AVE.



SOUTHEAST CORNER
US 30 (CASS ST.) AND PARKS AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	543.9289	6	544.1337	11	543.9783	16	543.9705
2	543.6492	7	544.2899	12	544.0568	17	544.1102
3	543.7056	8	544.2337	13	545.1337		
4	543.7767	9	544.2649	14	545.0417		
5	544.2859	10	544.5167	15	544.121		

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	543.8725	6	544.0742	11	544.196	16	544.3616
2	543.7542	7	544.1964	12	544.186		
3	543.876	8	544.117	13	544.256		
4	543.8239	9	544.3089	14	544.246		
5	544.1439	10	544.268	15	544.3686		

REFERENCE BENCHMARK ELEV 544.49

BENCHMARK : SQUARE CUT IN CONC. BASE OF LIGHT POLE IN THE SW CORNER OF US 30 & PARKS AVE.

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

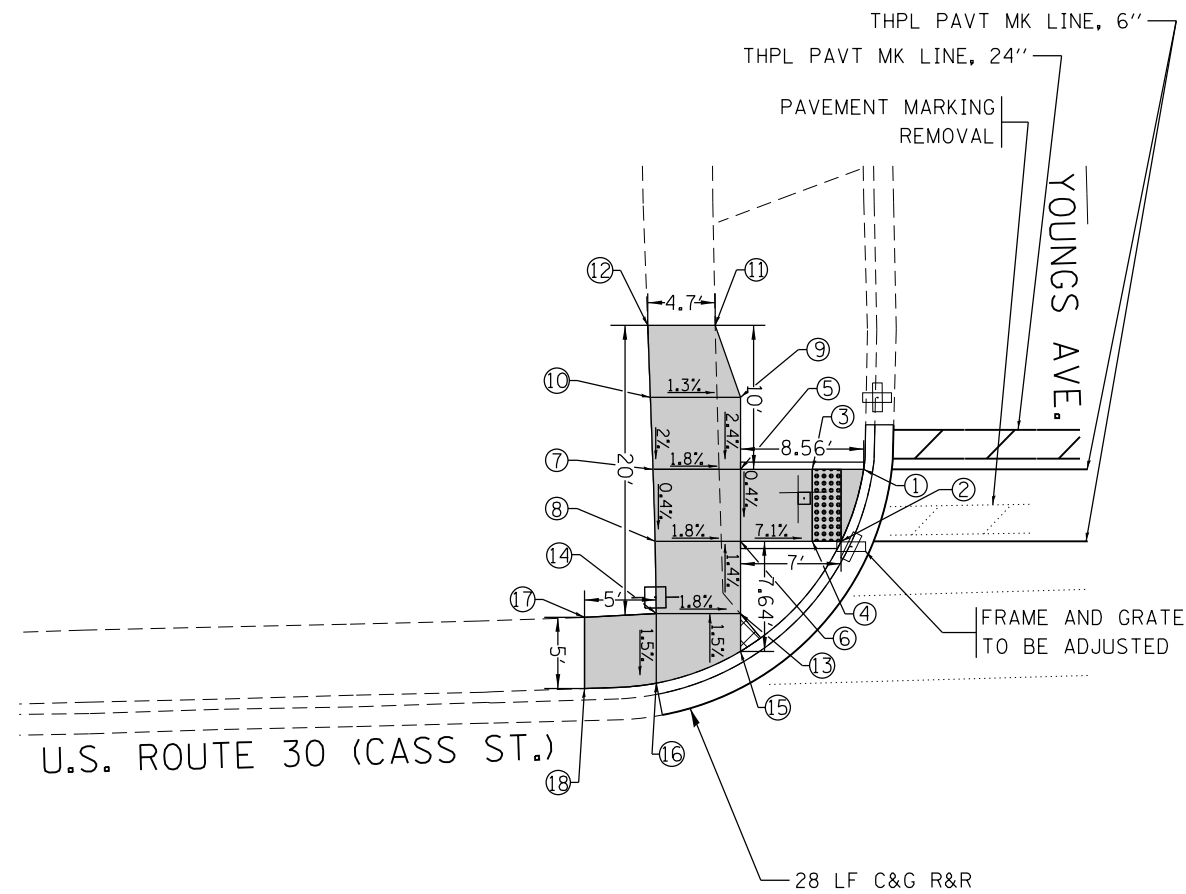
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
US 30 (CASS ST.) AT PARKS AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

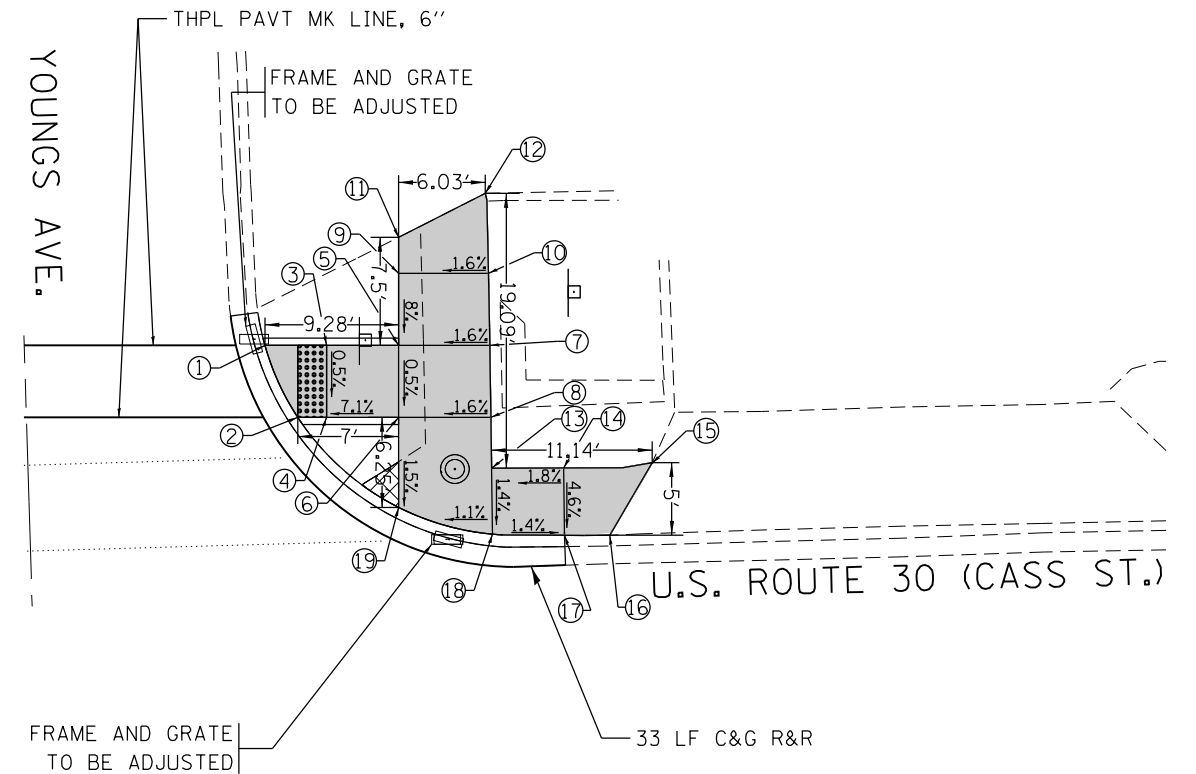
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	26
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
 US 30 (CASS ST.) AND YOUNGS AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	543.1920	6	543.5584	11	543.7618	16	543.6438
2	543.1714	7	543.6699	12	543.8035	17	543.8721
3	543.222	8	543.6471	13	543.6287	18	543.7216
4	543.2014	9	543.7027	14	543.7163		
5	543.5790	10	543.7674	15	543.6681		



NORTHEAST CORNER
 US 30 (CASS ST.) AND YOUNGS AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	543.159	6	543.5245	11	543.9734	16	543.1727
2	543.1375	7	543.6453	12	544.2850	17	543.4271
3	543.1931	8	543.6197	13	543.5666	18	543.4979
4	543.1675	9	543.9501	14	543.6595	19	543.4307
5	543.5501	10	544.0453	15	543.7289		

REFERENCE BENCHMARK ELEV 544.21

BENCHMARK : SQUARE CUT IN N. CONC. BASE OF LIGHT POLE IN THE SW CORNER OF US 30 & YOUNGS AVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

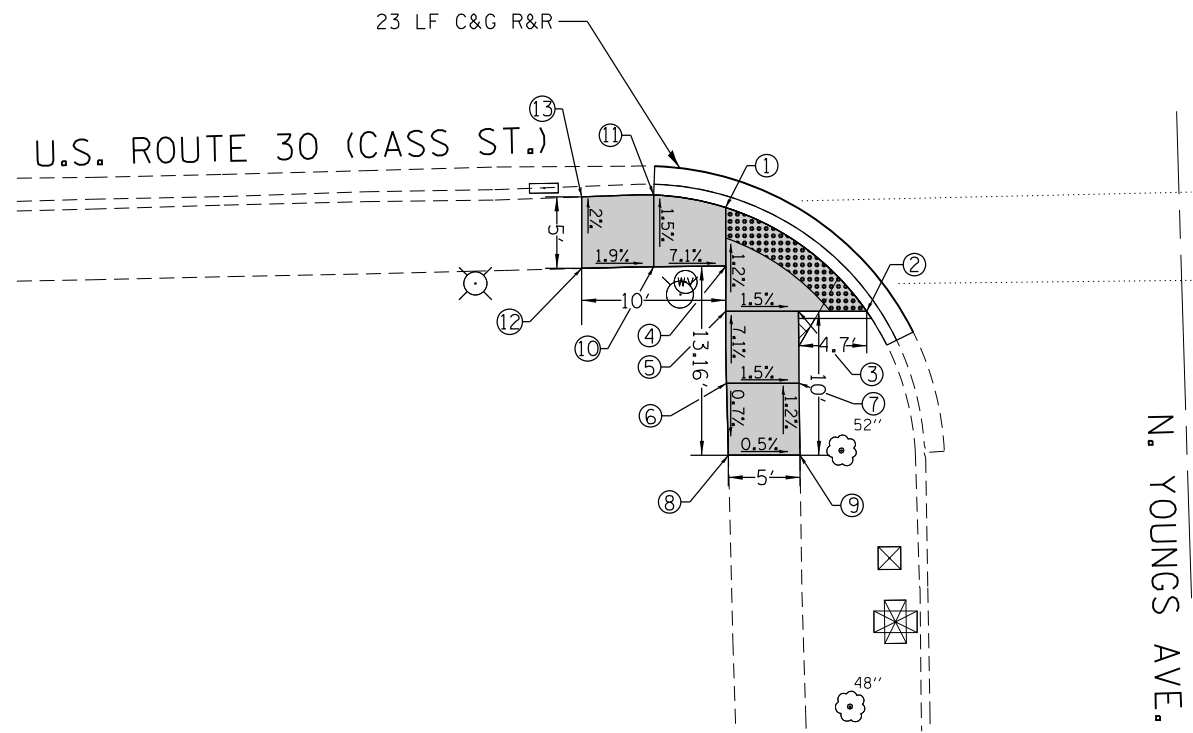
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Default	PLOT DATE = 8/8/2017	DATE -	REVISOR -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA DETAILS
 US 30 (CASS ST.) AT YOUNGS AVE.

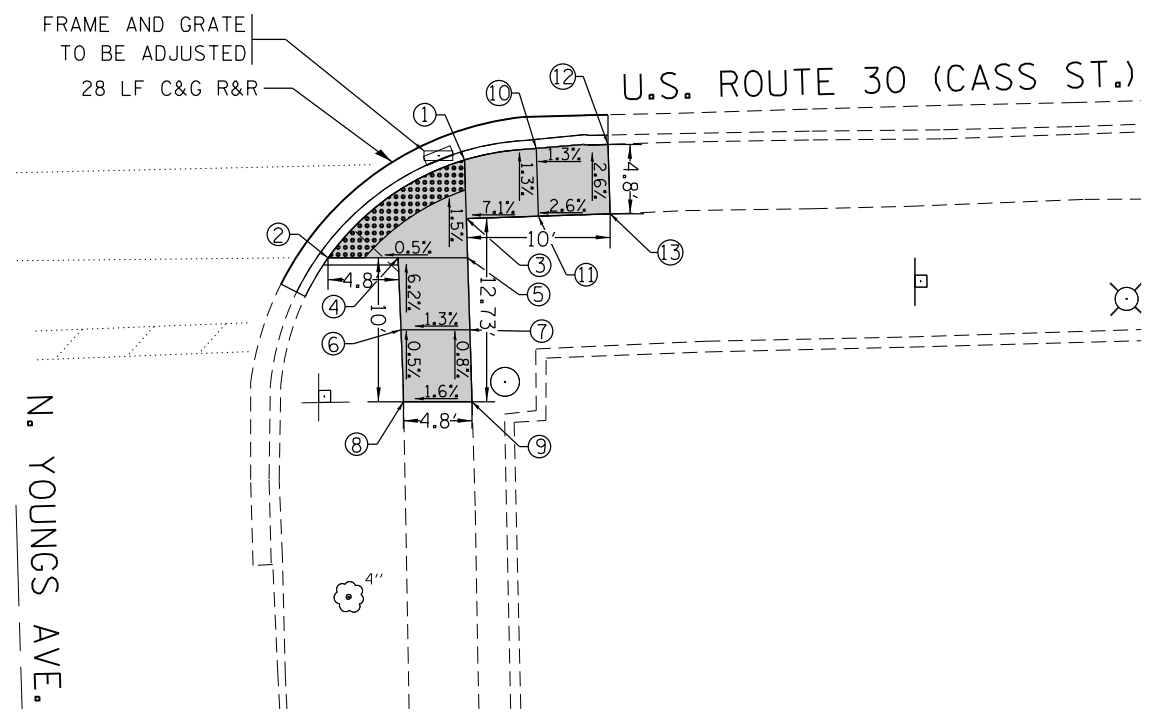
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	27
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



SOUTHWEST CORNER
US 30 (CASS ST.) AND YOUNGS AVE.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	543.4789	6	543.8593	11	543.8223		
2	543.3554	7	543.7835	12	543.9938		
3	543.4265	8	543.8225	13	543.8908		
4	543.5397	9	543.7956				
5	543.5023	10	543.8967				



SOUTHEAST CORNER
US 30 (CASS ST.) AND YOUNGS AVE.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	543.2394	6	543.6381	11	543.6574		
2	543.3001	7	543.6984	12	543.6611		
3	543.3004	8	543.6632	13	543.7877		
4	543.325	9	543.74				
5	543.3414	10	543.5964				

REFERENCE BENCHMARK ELEV 544.21

BENCHMARK : SQUARE CUT IN N. CONC. BASE OF LIGHT POLE IN THE SW CORNER OF US 30 & YOUNGS AVE.

LEGEND

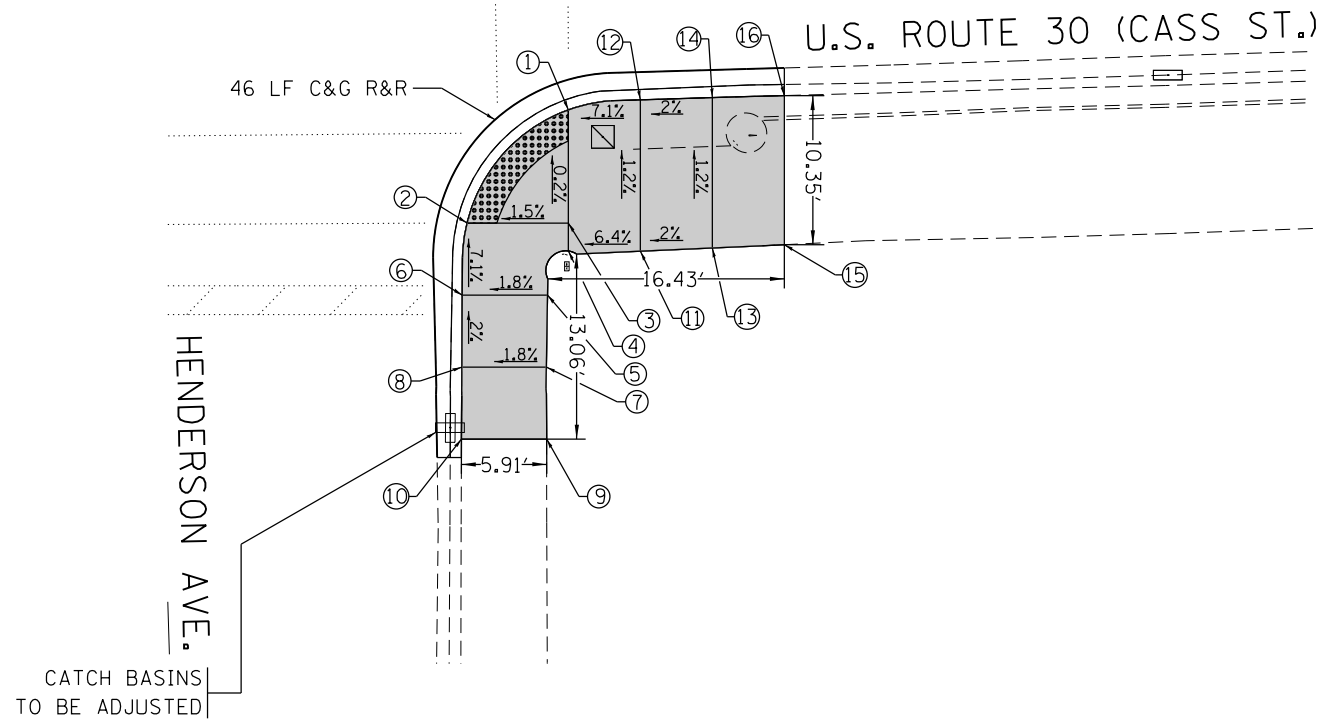
- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS			
US 30 (CASS ST.) AT YOUNGS AVE.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	28
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND HENDERSON AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	544.3377	6	544.6082	11	544.8166	16	545.2315
2	544.2512	7	544.8126	12	544.6947		
3	544.3556	8	544.7082	13	544.9166		
4	544.4935	9	545.3791	14	544.7947		
5	544.7126	10	544.7319	15	546.285		

REFERENCE BENCHMARK ELEV 544.72

BENCHMARK : SQUARE CUT IN S. CONC. BASE OF TRAFFIC SIGNAL IN THE NW CORNER OF US 30 & HENDERSON AVE.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

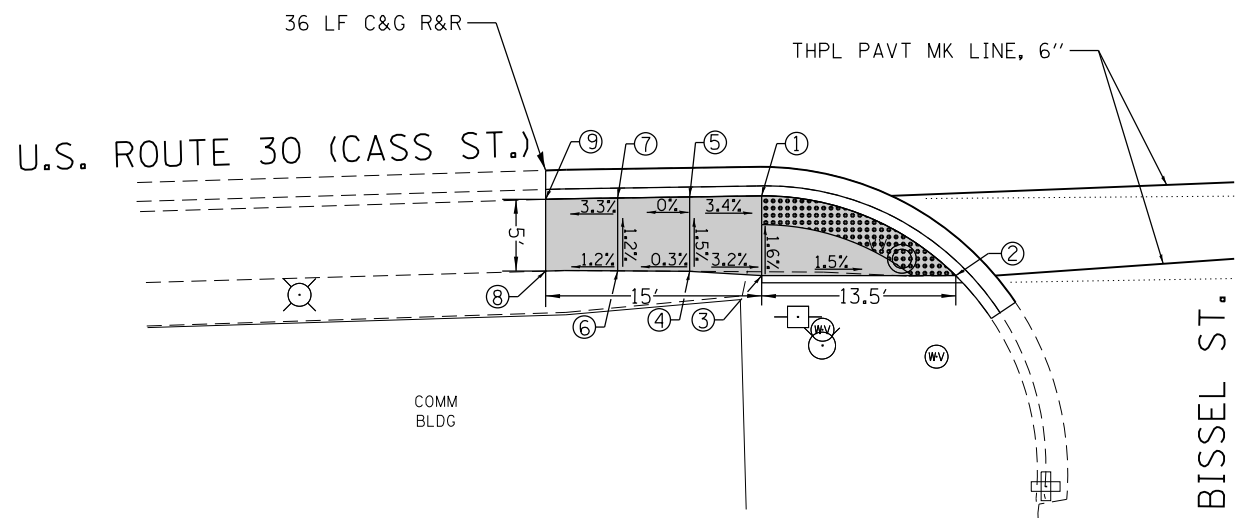
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
US 30 (CASS ST.) AT HENDERSON AVE.

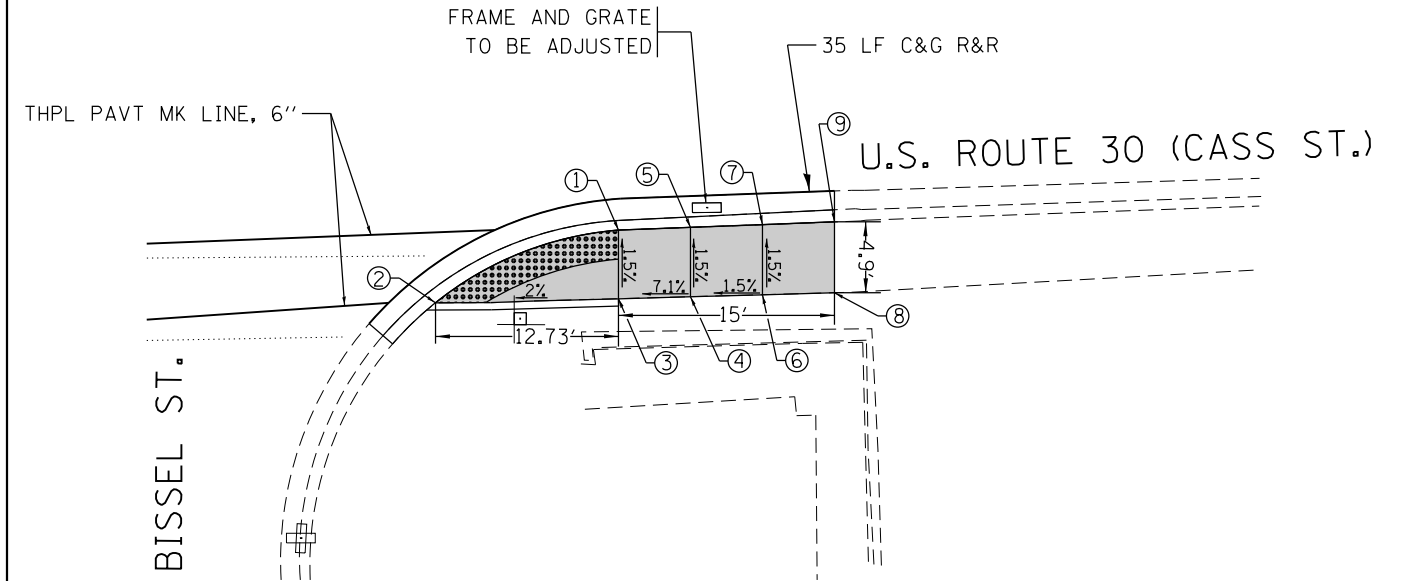
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	29
			CONTRACT NO. 60V18	
ILLINOIS FED. AID PROJECT				



SOUTHWEST CORNER
US 30 (CASS ST.) AND BISSEL ST.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	549.6293	6	549.8593				
2	549.6851	7	549.7995				
3	549.7118	8	549.7981				
4	549.8745	9	549.6331				
5	549.7995						



SOUTHEAST CORNER
US 30 (CASS ST.) AND BISSEL ST.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	550.6838	6	551.1908				
2	550.5038	7	551.1158				
3	550.7588	8	551.8553				
4	551.1158	9	551.761				
5	551.0408						

REFERENCE BENCHMARK ELEV 561.14

BENCHMARK : SQUARE CUT IN N. CONC. BASE OF LIGHT POLE IN THE SW CORNER OF US 30 & PAGE AVE.

LEGEND

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

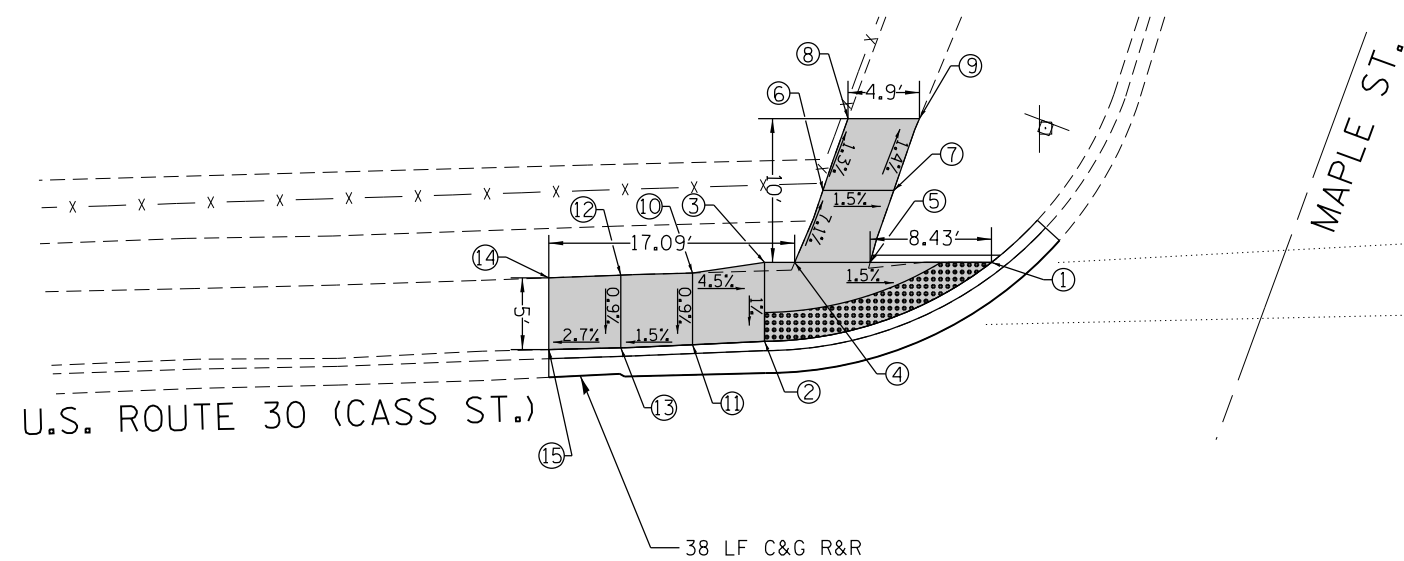
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
US 30 (CASS ST.) AT BISSEL ST.**

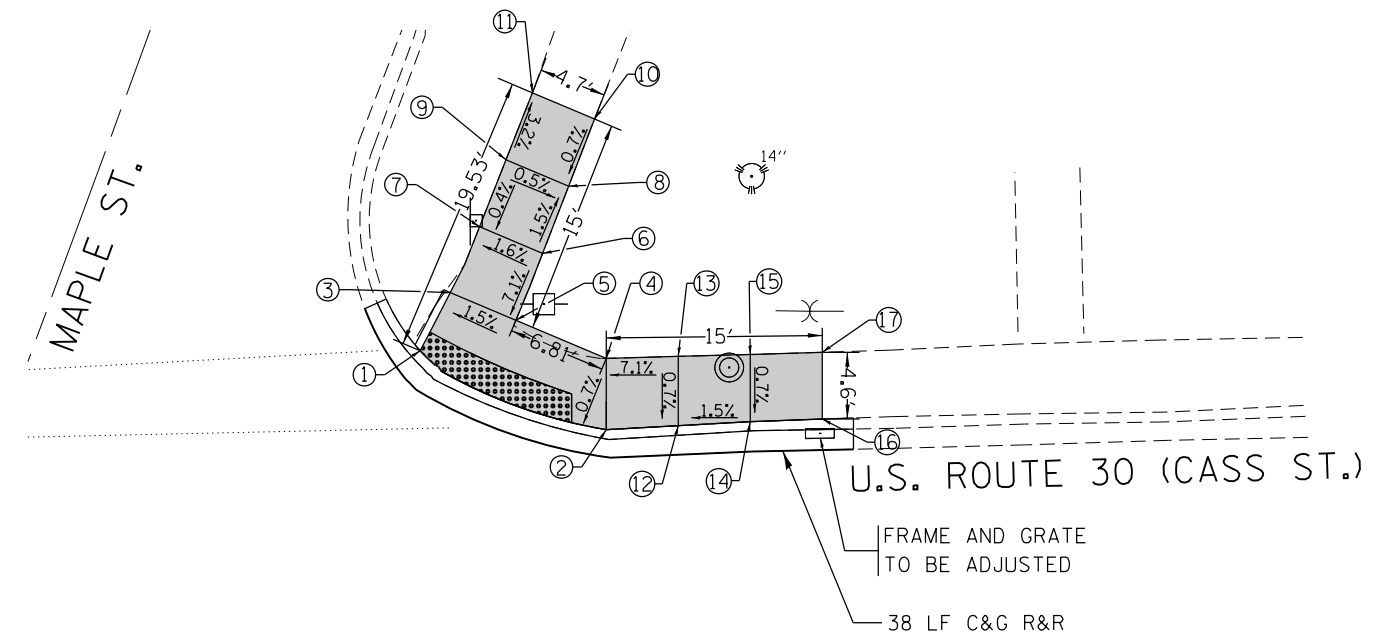
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	30
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND MAPLE ST.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	552.6179	6	552.4619	11	553.0315		
2	552.8027	7	552.3869	12	553.0409		
3	552.8534	8	552.395	13	552.9565		
4	552.8189	9	552.3144	14	552.8986		
5	552.7439	10	553.0799	15	552.8194		



NORTHEAST CORNER
US 30 (CASS ST.) AND MAPLE ST.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	553.6062	6	554.1056	11	553.8931	16	555.227
2	553.8162	7	554.0314	12	554.1732	17	555.4226
3	553.6744	8	554.0306	13	554.2078		
4	553.8508	9	554.0526	14	554.2482		
5	553.7486	10	554.0665	15	554.2828		

REFERENCE BENCHMARK ELEV 561.14

BENCHMARK : SQUARE CUT IN N. CONC. BASE OF LIGHT POLE IN THE SW CORNER
OF US 30 & PAGE AVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

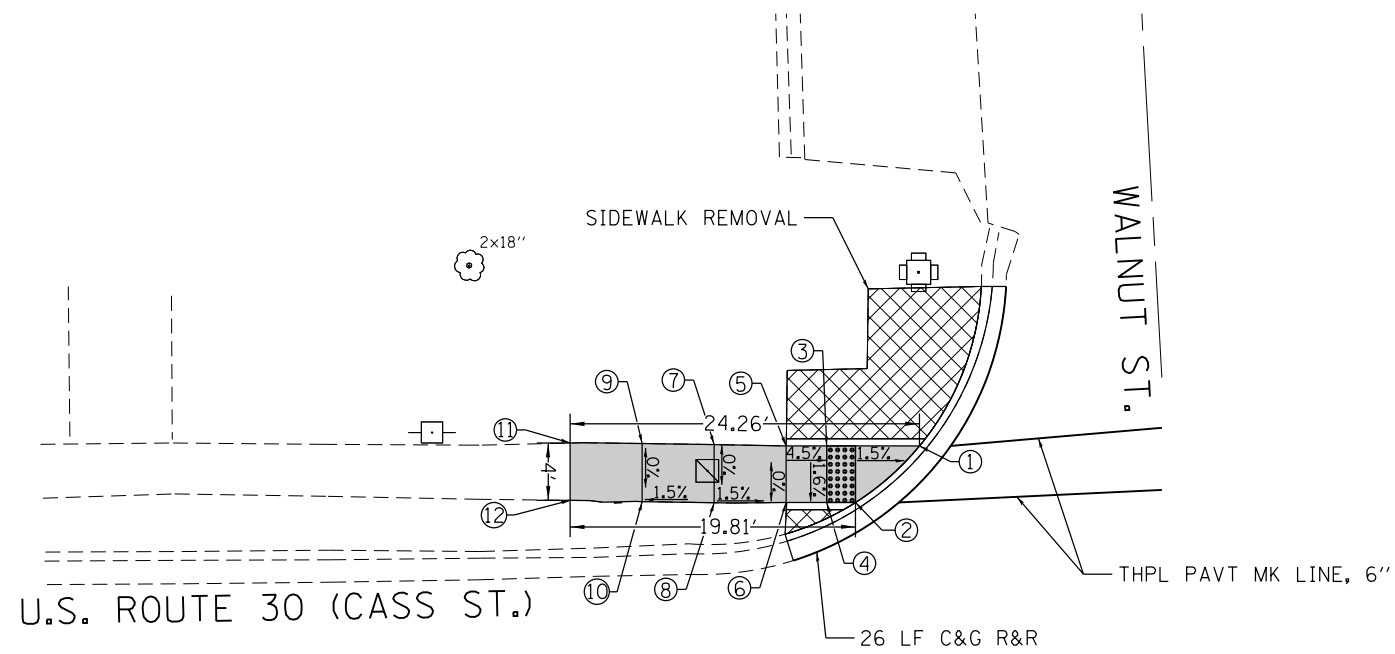
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Default	PLOT DATE = 8/21/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
US 30 (CASS ST.) AT MAPLE ST.

SCALE: SHEET OF SHEETS STA. TO STA.

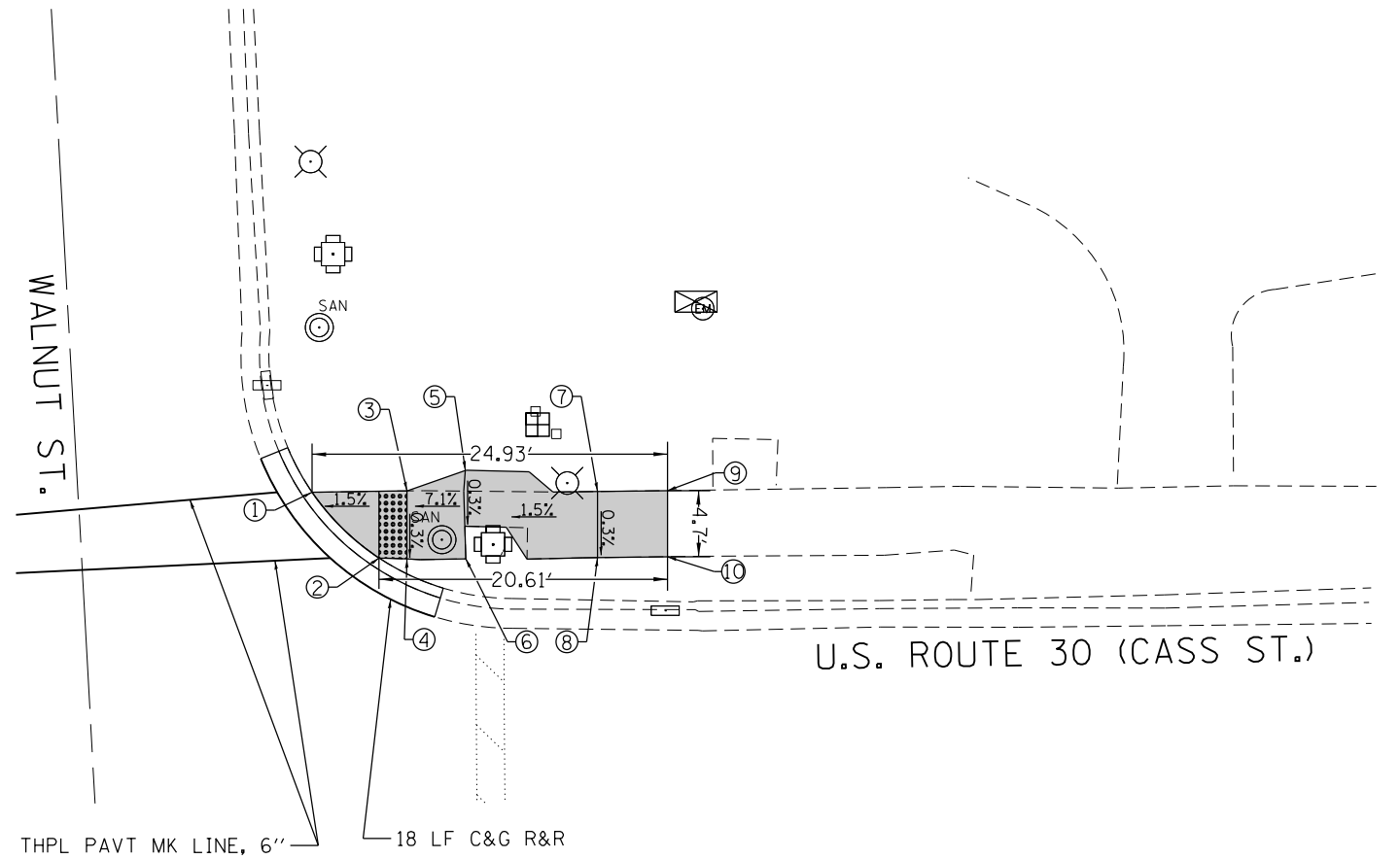
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	31
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND WALNUT ST.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	581.9502	6	582.1829	11	582.0054		
2	581.9521	7	582.2579	12	581.9684		
3	582.0469	8	582.2579				
4	581.9821	9	582.1829				
5	582.1829	10	582.1829				



NORTHEAST CORNER
US 30 (CASS ST.) AND WALNUT ST.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	582.0934	6	582.537				
2	582.15	7	582.7021				
3	582.1951	8	582.687				
4	582.18	9	582.8551				
5	582.5521	10	582.7016				

REFERENCE BENCHMARK ELEV 582.46

BENCHMARK : SQUARE CUT IN S. CONC. BASE OF TRAFFIC SIGNAL IN THE N.W. CORNER OF US 30 & WALNUT ST.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

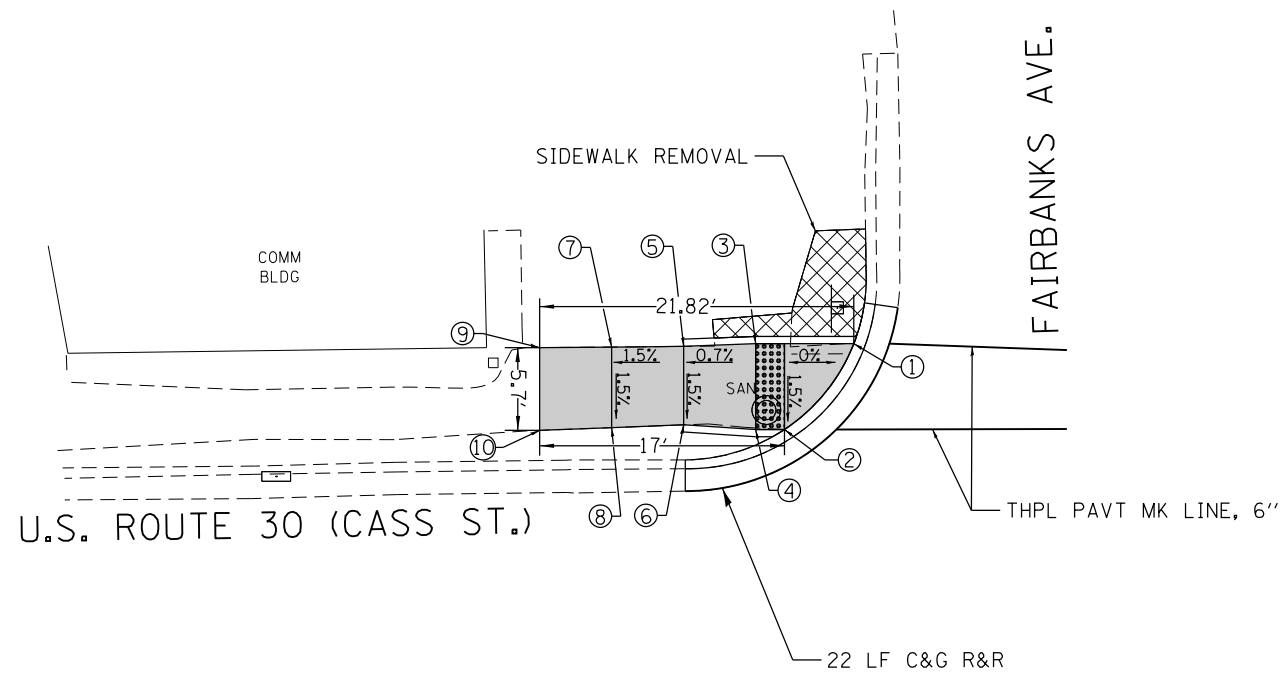
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Default	PLOT DATE = 8/18/2017	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
US 30 (CASS ST.) AT WALNUT ST.

SCALE: SHEET OF SHEETS STA. TO STA.

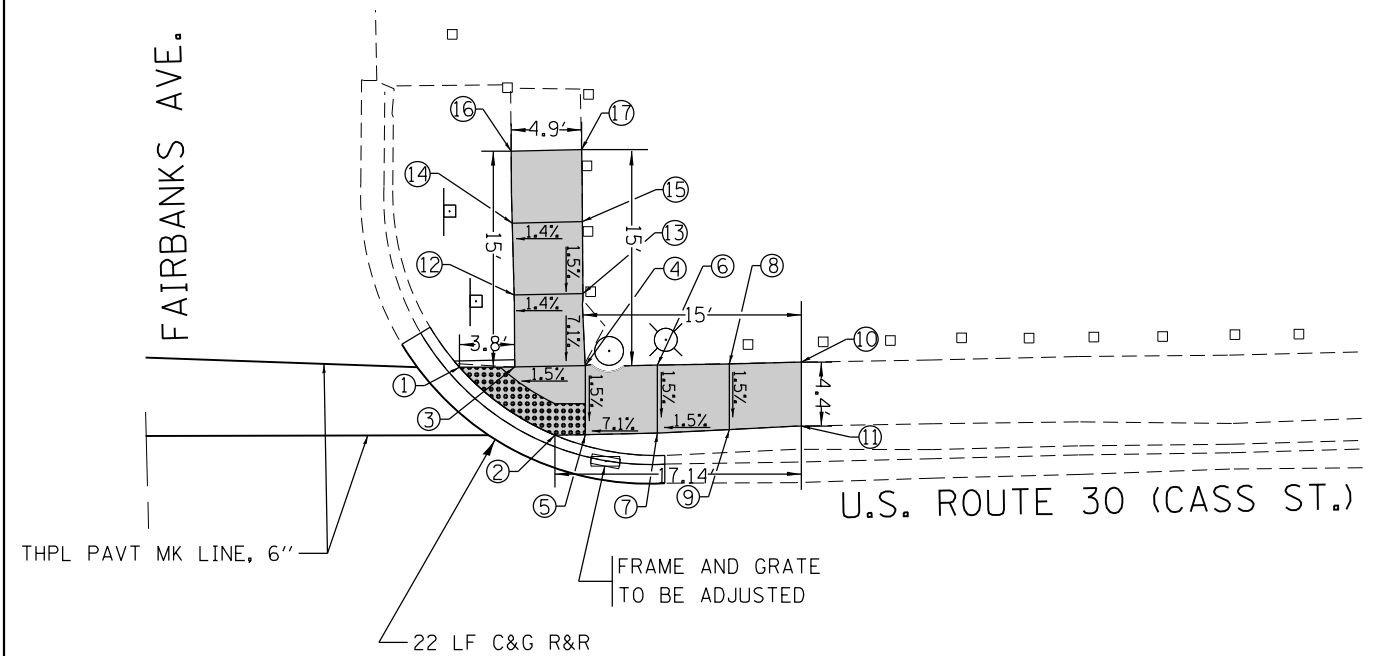
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	32
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND FAIRBANKS AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	584.448	6	584.3673				
2	584.373	7	584.3673				
3	584.478	8	584.2923				
4	584.403	9	584.5747				
5	584.4423	10	584.2279				



NORTHEAST CORNER
US 30 (CASS ST.) AND FAIRBANKS AVE.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	585.272	6	585.731	11	586.0812	16	585.8674
2	585.272	7	585.659	12	585.6572	17	585.8164
3	585.3005	8	585.806	13	585.7272		
4	585.374	9	585.734	14	585.7322		
5	585.302	10	586.1319	15	585.8022		

REFERENCE BENCHMARK ELEV 588.26

BENCHMARK : SQUARE CUT IN S. CONC. BASE OF LIGHT POLE IN THE NE CORNER OF US 30 W. OF FAIRBANKS AVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

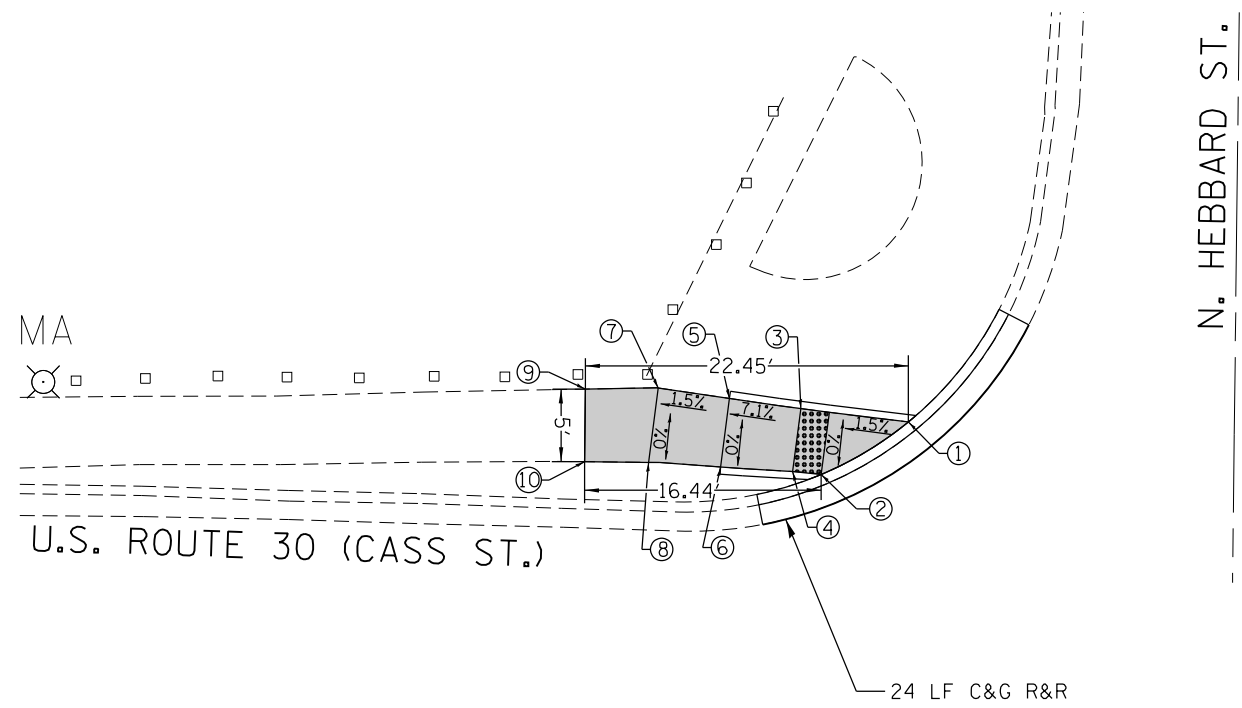
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
US 30 (CASS ST.) AT FAIRBANKS AVE.

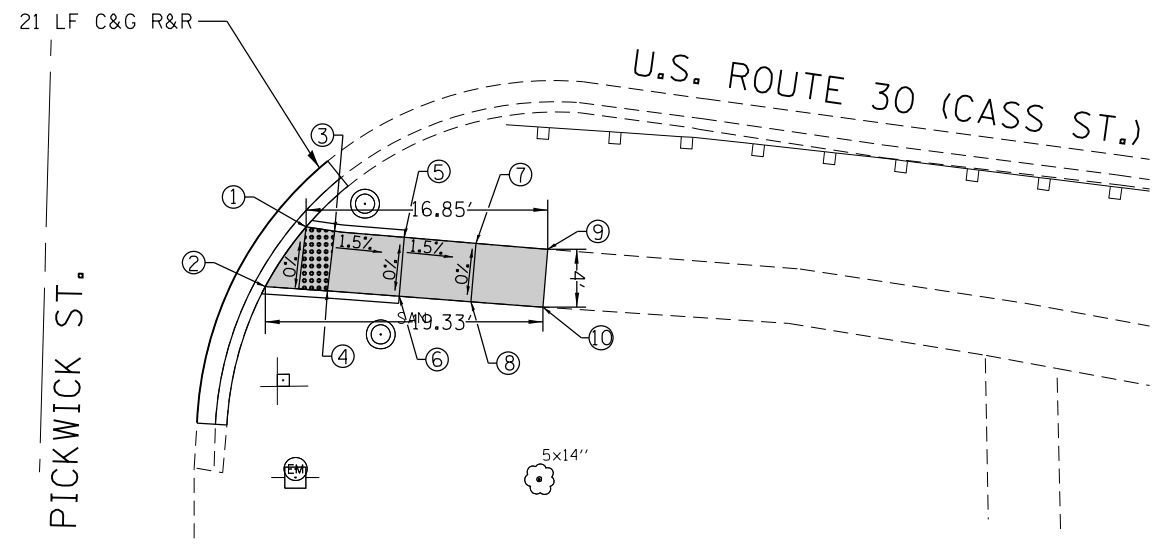
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	33
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND HEBBARD ST.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	592.8753	6	592.4133				
2	592.8003	7	592.3383				
3	592.7703	8	592.3383				
4	592.7703	9	592.4418				
5	592.4133	10	592.3463				



SOUTHEAST CORNER
US 30 (CASS ST.) AND PICKWICK ST.

ADA RAMP ELEVATION TABLE							
POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	596.373	6	596.328				
2	596.338	7	596.253				
3	596.403	8	596.253				
4	596.403	9	596.3196				
5	596.328	10	596.1779				

REFERENCE BENCHMARK ELEV 588.26

BENCHMARK : SQUARE CUT IN S. CONC. BASE OF LIGHT POLE IN THE NE CORNER OF US 30 W. OF FAIRBANKS AVE.

LEGEND

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

REFERENCE BENCHMARK ELEV 598.05

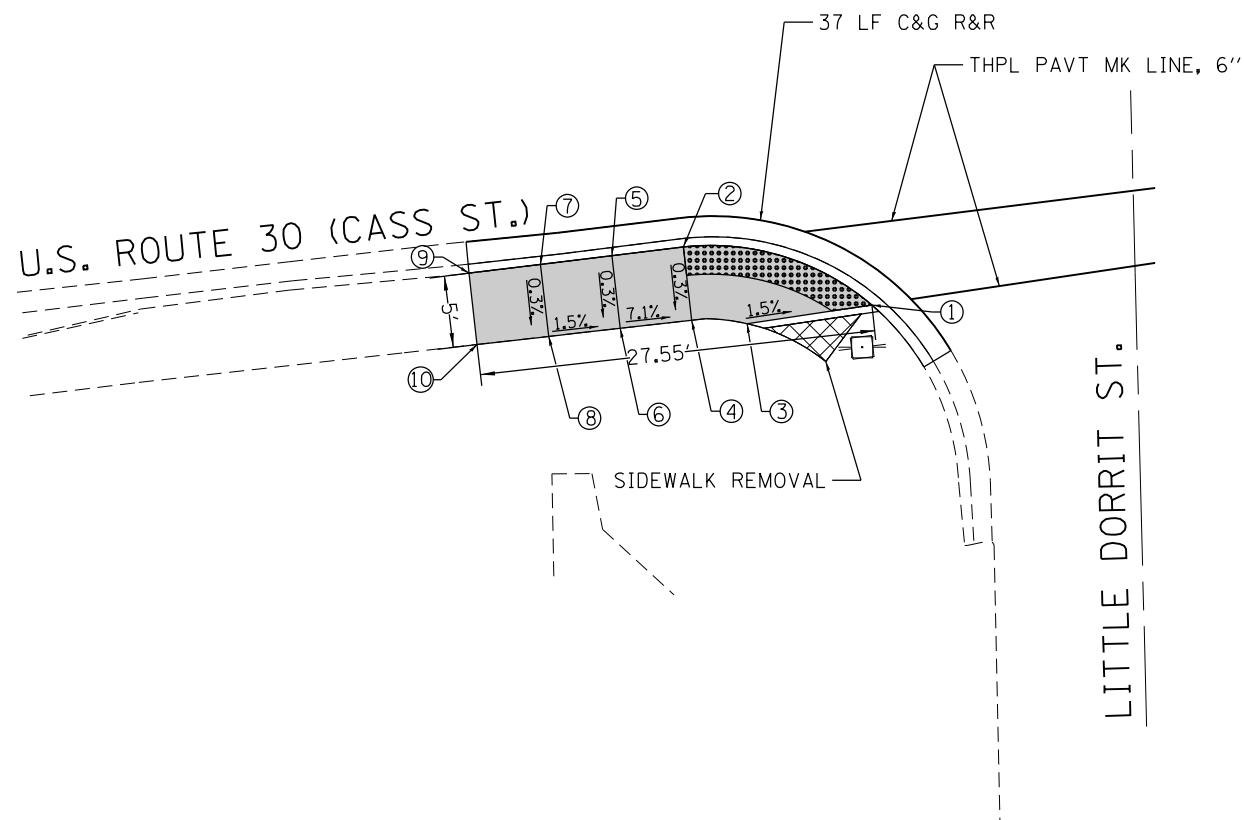
BENCHMARK : X IN THE BOLT OF FIRE HYD. IN NE CORNER OF US 30 AND HEBBARD ST.

FILE NAME =	USER NAME = pyrzanowski	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/8/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA DETAILS
US 30 (CASS ST.) AT HEBBARD ST. & PICKWICK ST.**

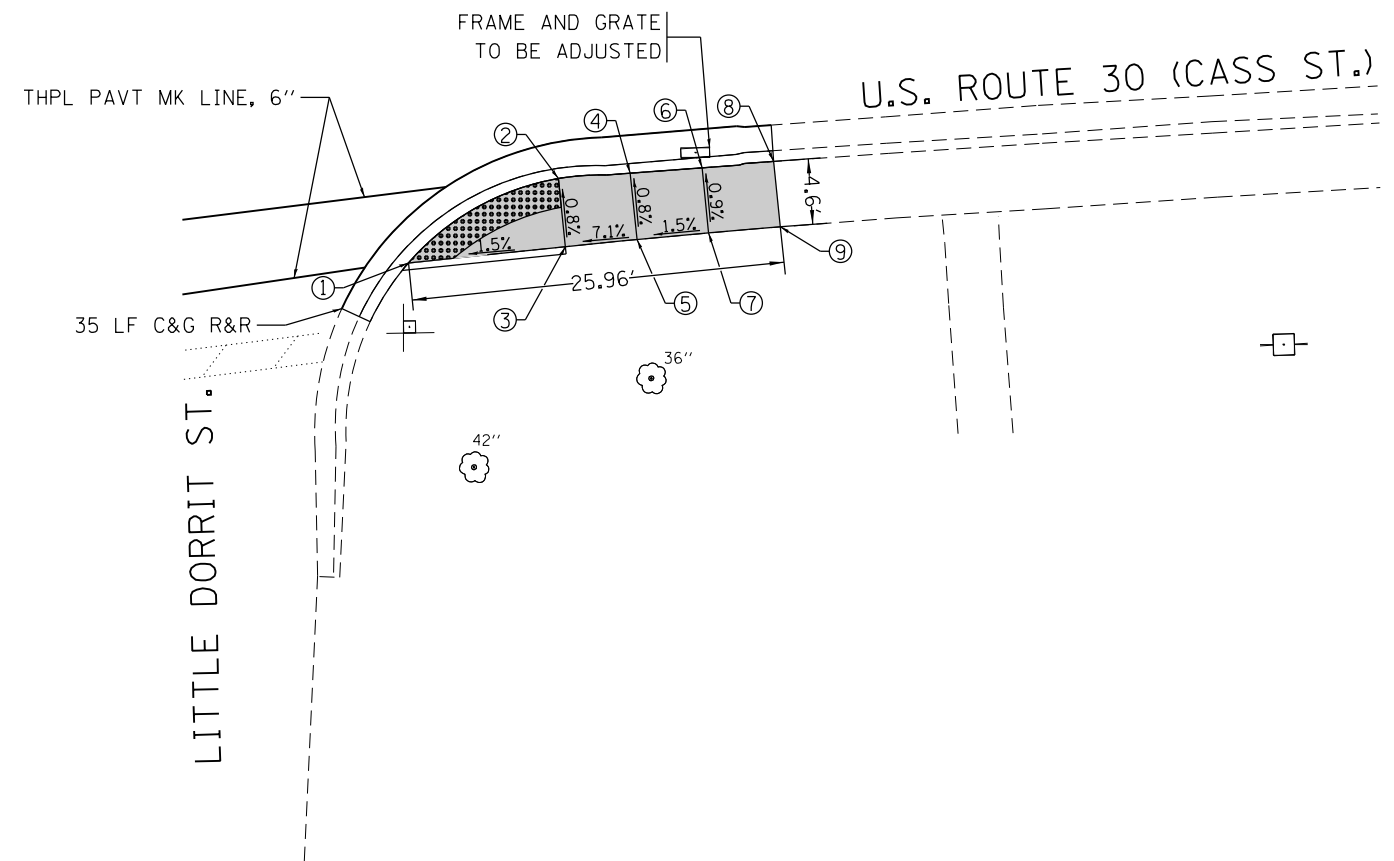
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	34
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER
US 30 (CASS ST.) AND LITTLE DORRIT ST.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION
1	606.2567	6	606.8019				
2	606.4622	7	606.8942				
3	606.3872	8	606.8709				
4	606.4449	9	606.9837				
5	606.8192	10	606.8839				



SOUTHEAST CORNER
US 30 (CASS ST.) AND LITTLE DORRIT ST.

ADA RAMP ELEVATION TABLE

POINT NO.:	ELEVATION	POINT NO.:	ELEVATION	POINT NO.:	ELEVATION		
1	606.5426	6	607.0985				
2	606.6665	7	607.139				
3	606.7070	8	607.3226				
4	607.0235	9	607.4437				
5	607.064						

REFERENCE BENCHMARK ELEV 610.64

BENCHMARK : R.R. SPIKE IN TELEPHONE POLE IN THE NW CORNER OF US 30 & HARWOOD ST.

LEGEND

xx.xx'

EXISTING LENGTH

====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

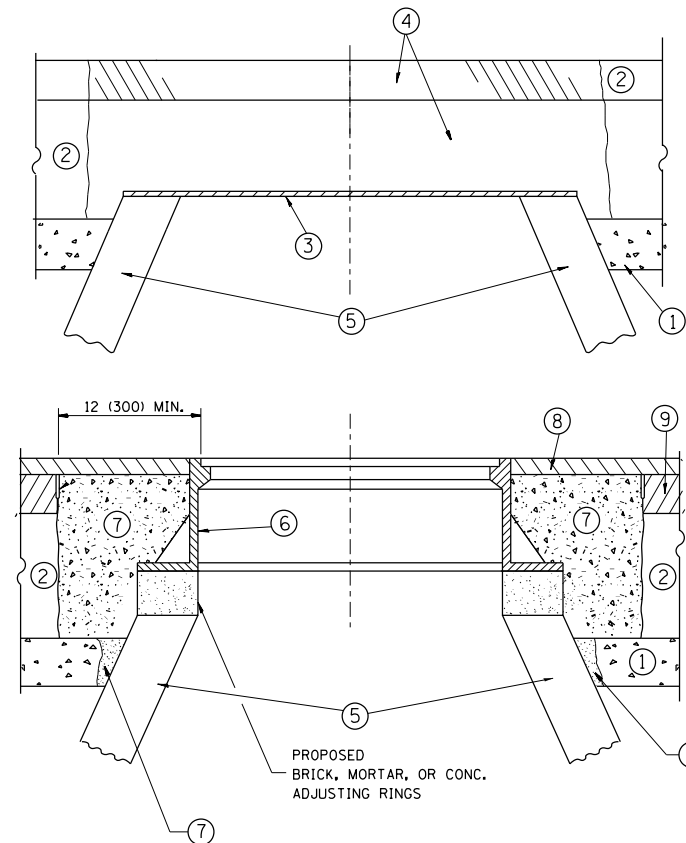
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Default	PLOT DATE = 8/18/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA DETAILS
US 30 (CASS ST.) AT LITTLE DORRIT ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	35
CONTRACT NO. 60V18				
ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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

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

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

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

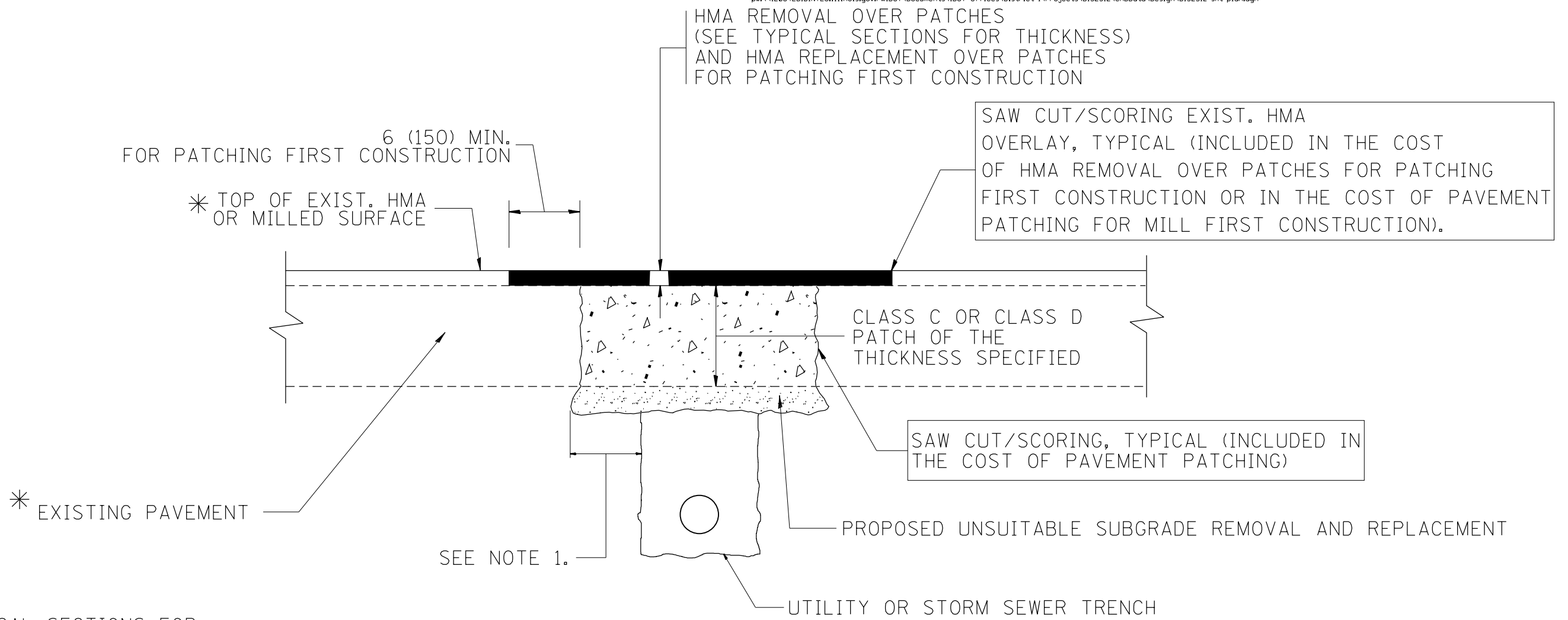
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		CHECKED -	REVISED - R. BORO 03-09-11
		DATE - 10-25-94	REVISED - R. BORO 12-06-11

**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.
607	13RS-9	WILL	47	36
BD600-03 (BD-8)		CONTRACT NO. 60V18		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

USER NAME = pyrzenowski	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - R. BORO 01-01-07		607	13RS-9	WILL	47	37			
PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 60V18				
PLOT DATE = 8/8/2017	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)
1/4" (5) **

18" (450) MAX.

T/2 *

3" (75) MIN.

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

* 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.

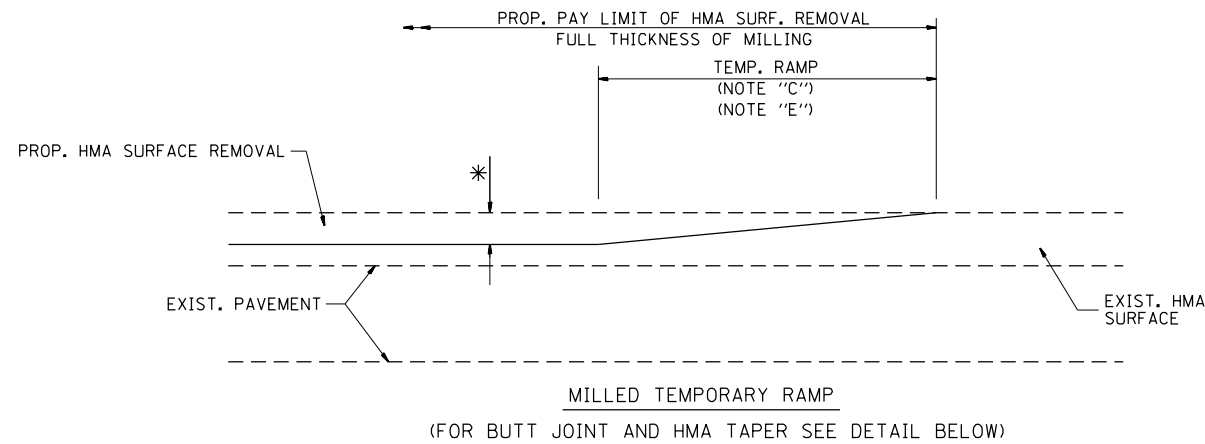
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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.

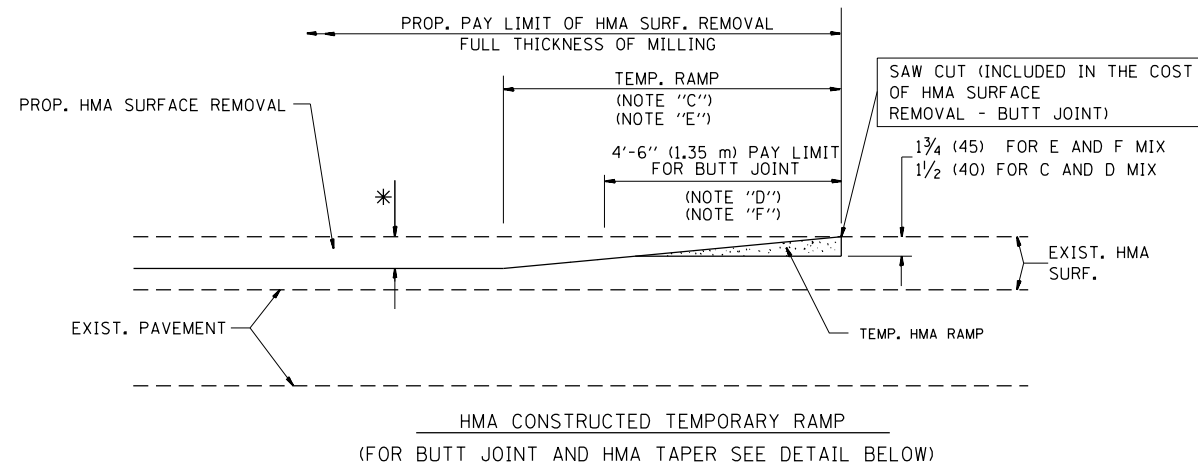
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = pyrzenowskirb	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.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI52512\Design\DI52512-shr-plen.dgn	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED - A. ABBAS 03-21-97					607	13RS-9	WILL	47	38
PLotted DATE = 8/8/2017	DATE - 03-11-94	REVISED - M. GOMEZ 01-22-01	REVISED - R. BORO 12-15-09		BD600-06 (BD-24)			CONTRACT NO. 60V18				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

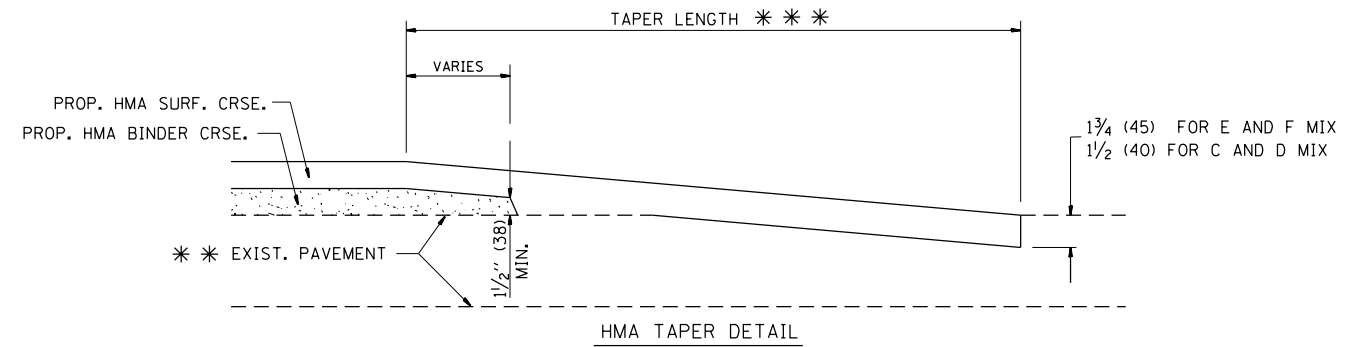
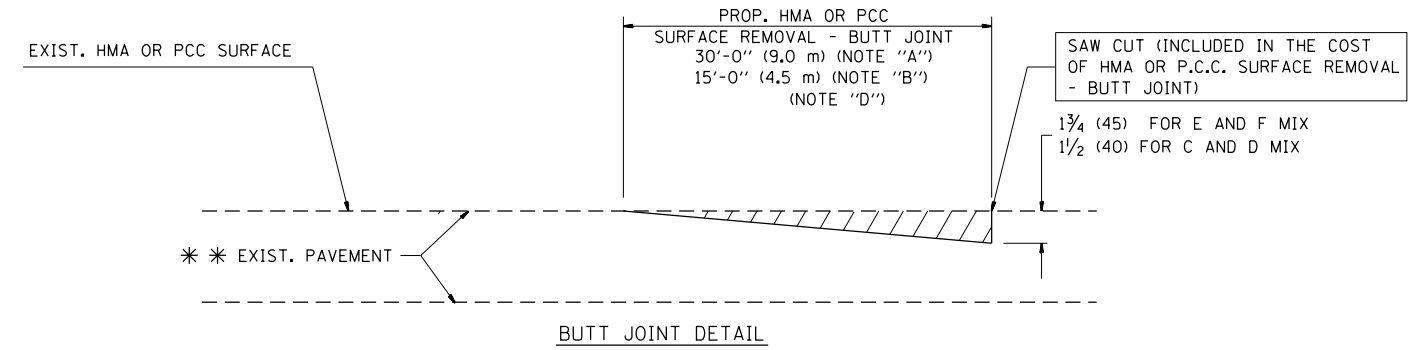


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

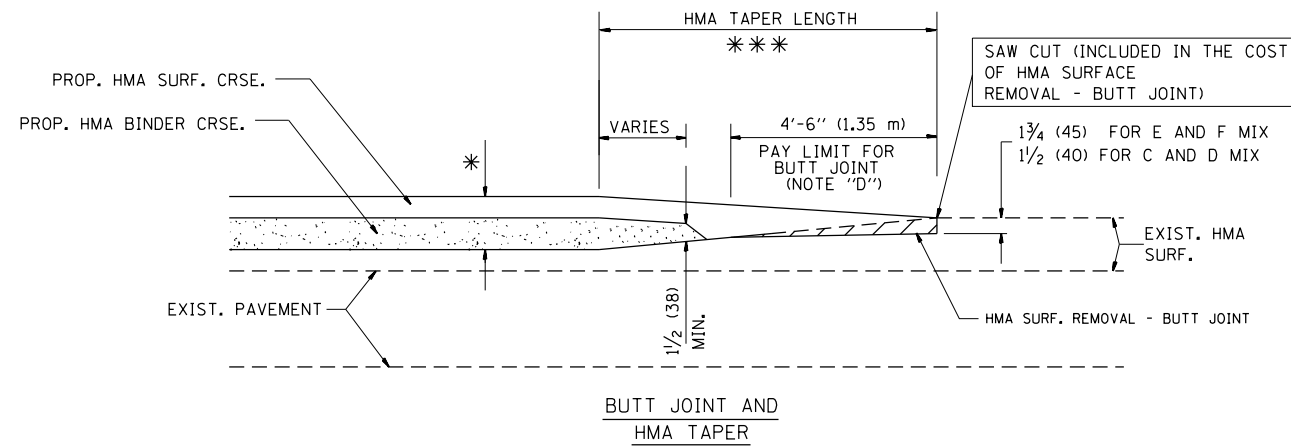
NOTES

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

BASIS OF PAYMENT:

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

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



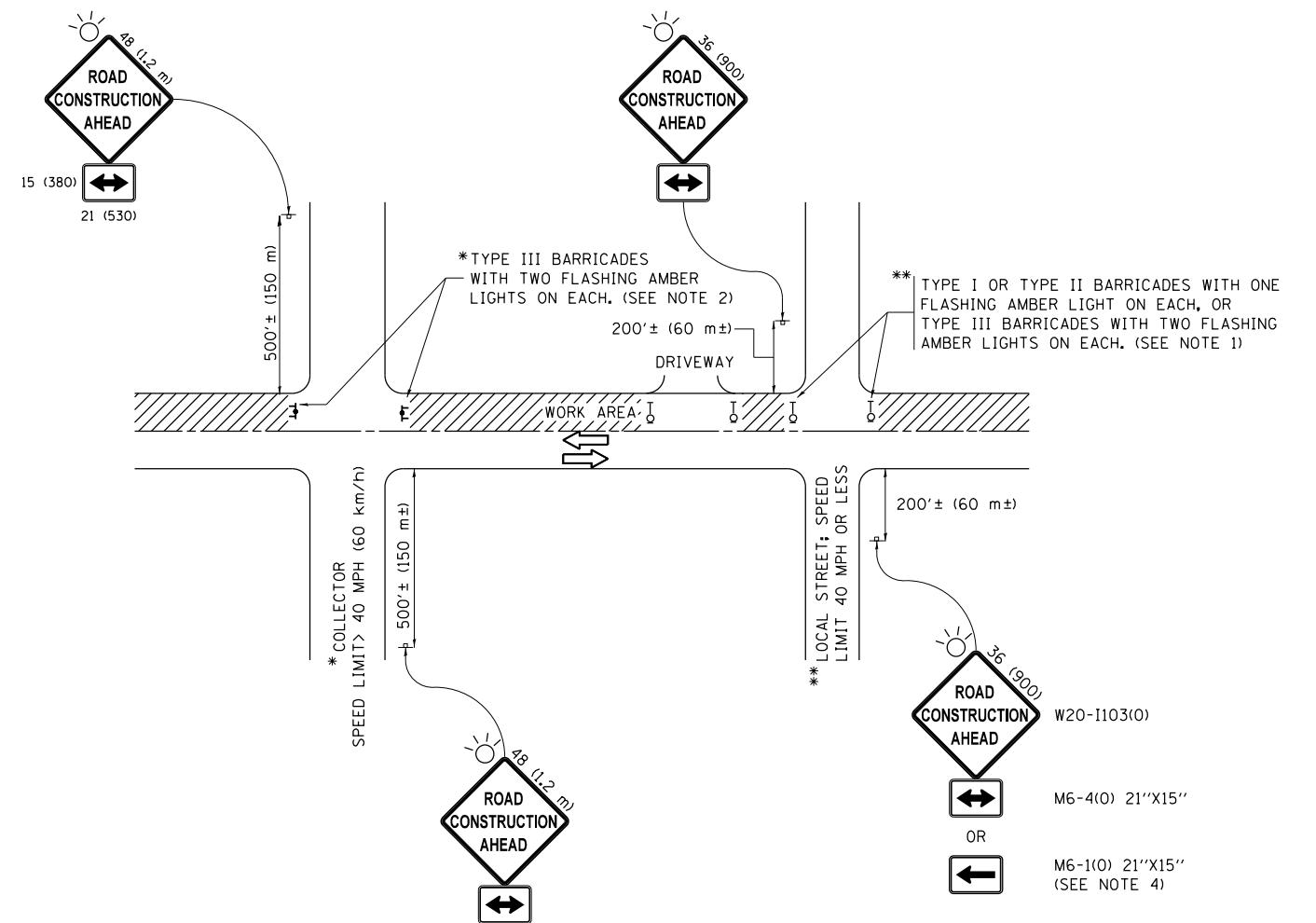
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME =	USER NAME = pyrzenowski	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI525\Drawings\Design\DI52512-sht-plen.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 8/8/2017	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	39
BD400-05 BD32		CONTRACT NO. 60V18		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

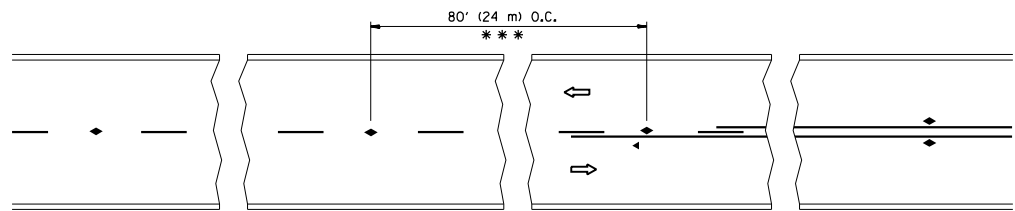
FILE NAME =	USER NAME = pyrzenowski	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI52512\Drawings\Design\DI52512-sht-plen.dgn		CHECKED -	REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 100.0000' / in.	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 8/8/2017		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

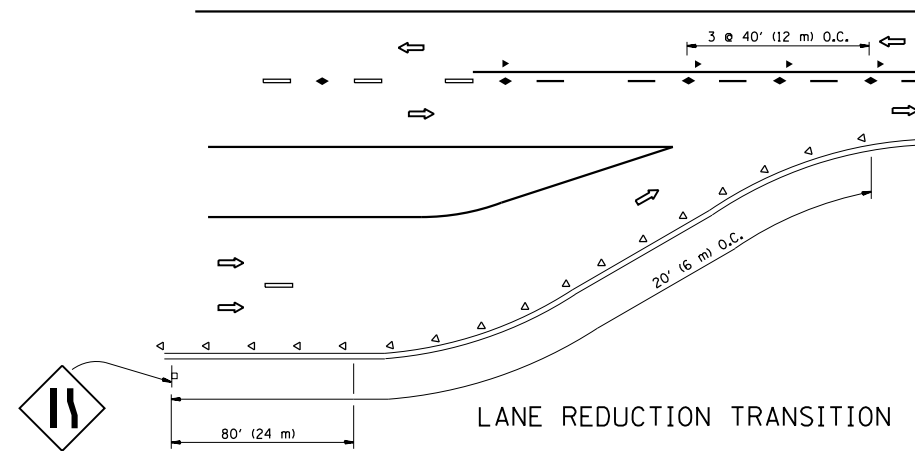
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	40
TC-10			CONTRACT NO. 60V18	
ILLINOIS FED. AID PROJECT				

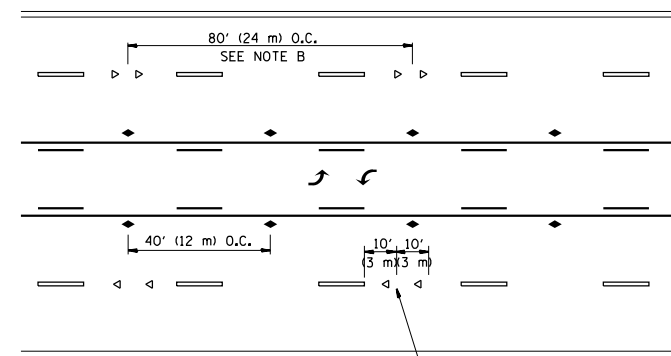


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

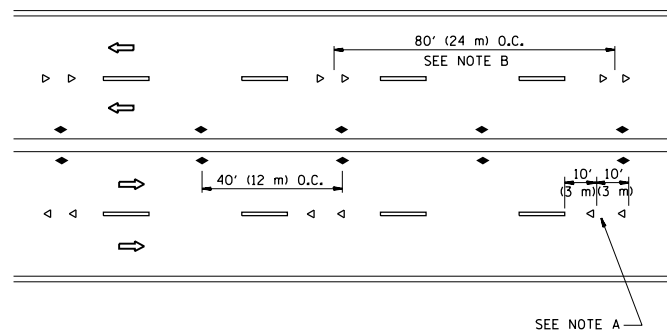
TWO-LANE/TWO-WAY



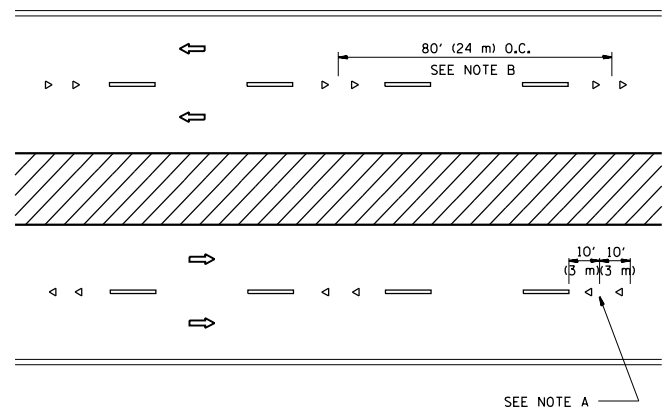
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

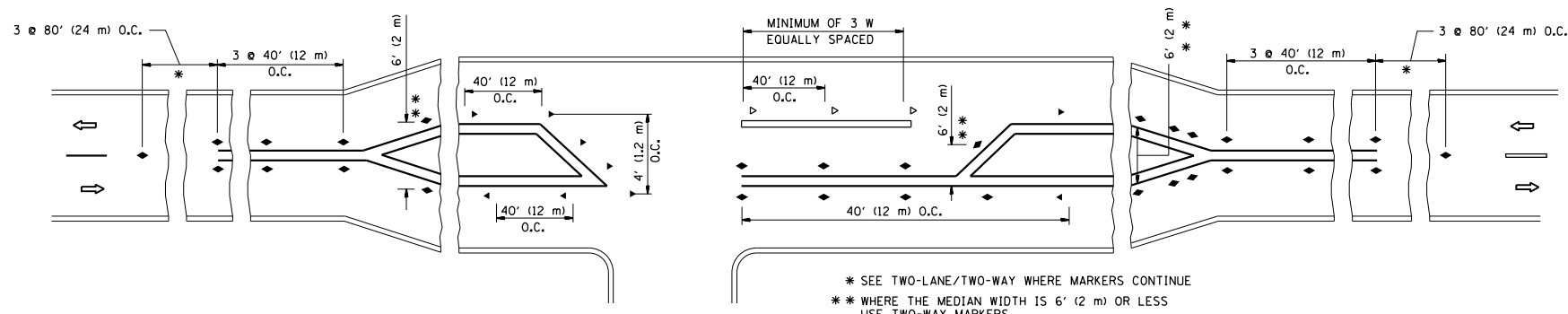
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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

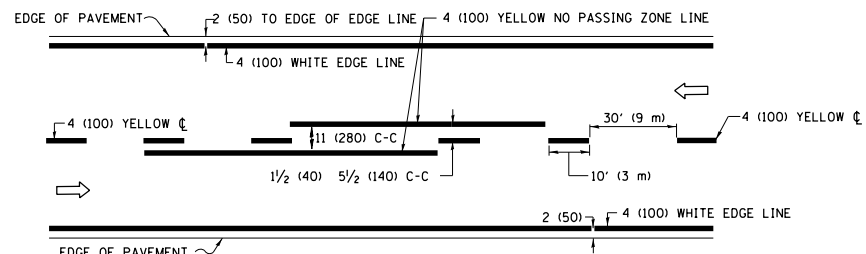


LEFT TURN

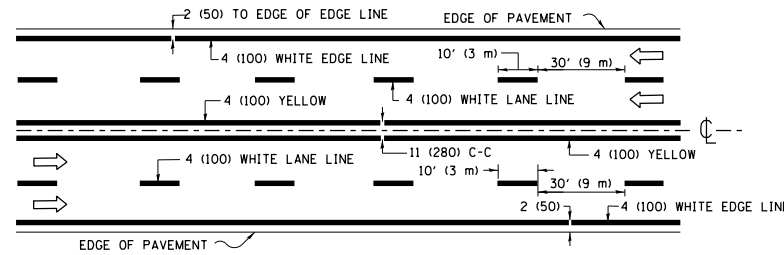
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

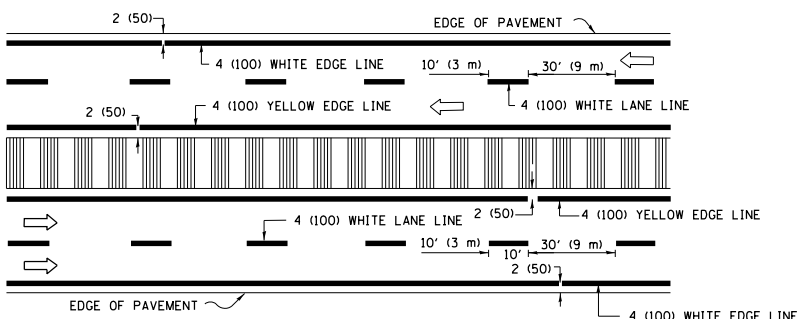
FILE NAME =	USER NAME = pyrzezowski	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI52512\Design\DI52512-sht-plen.dgn		CHECKED -	REVISED - T. RAMMACHER 03-12-99					607	13RS-9	WILL	47	41
PLOT SCALE = 100.0000' / in.		DATE -	REVISED - T. RAMMACHER 01-06-00		TC-11			CONTRACT NO. 60V18				
PLOT DATE = 8/8/2017			REVISED - C. JUCIUS 09-09-09		SCALE: NONE			SHEET NO. 1 OF 1 SHEETS STA. TO STA.				



2-LANE ROADWAY

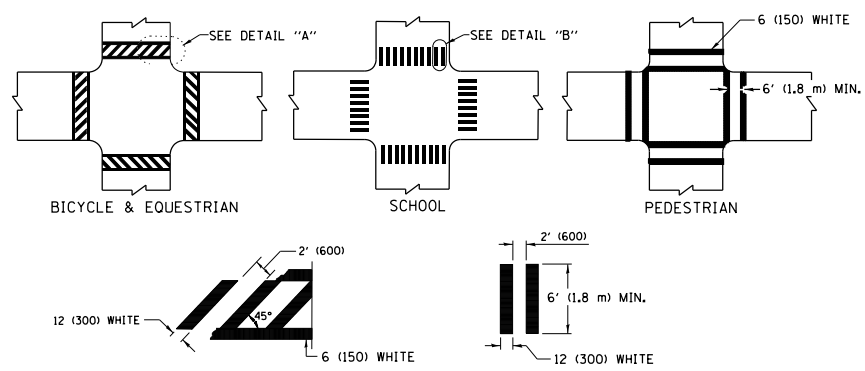


MULTI-LANE UNDIVIDED



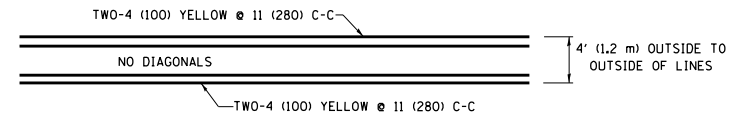
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

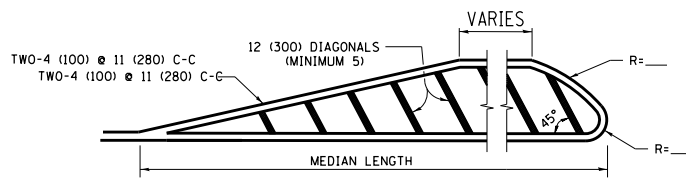


TYPICAL CROSSWALK MARKING

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

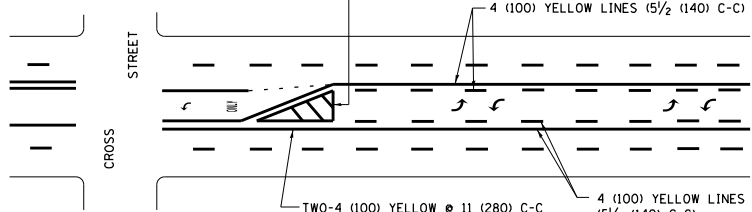


4' (1.2 m) WIDE MEDIANS ONLY



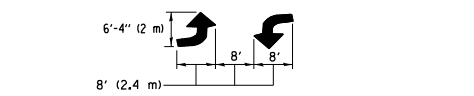
MEDIANS OVER 4' (1.2 m) WIDE

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



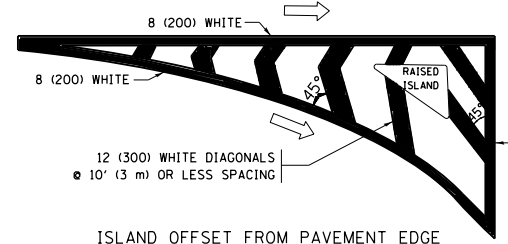
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

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

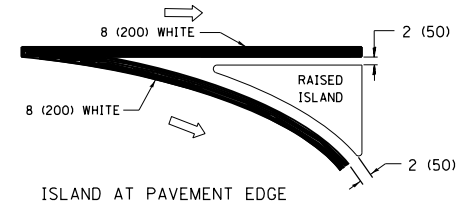


TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

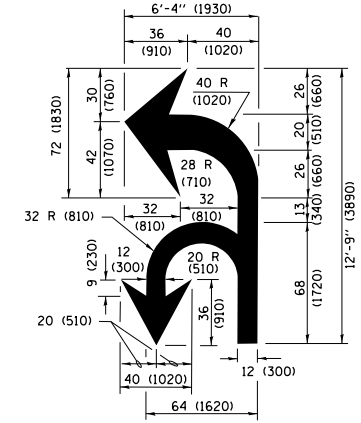
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



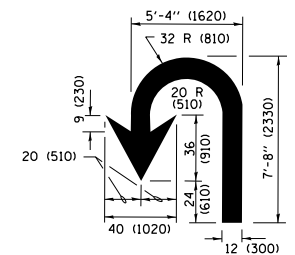
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

FILE NAME =	USER NAME = pyznowskirb	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\01525\Design\0152512-sht-pln.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 8/8/2017		REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	42
TC-13		CONTRACT NO. 60V18		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

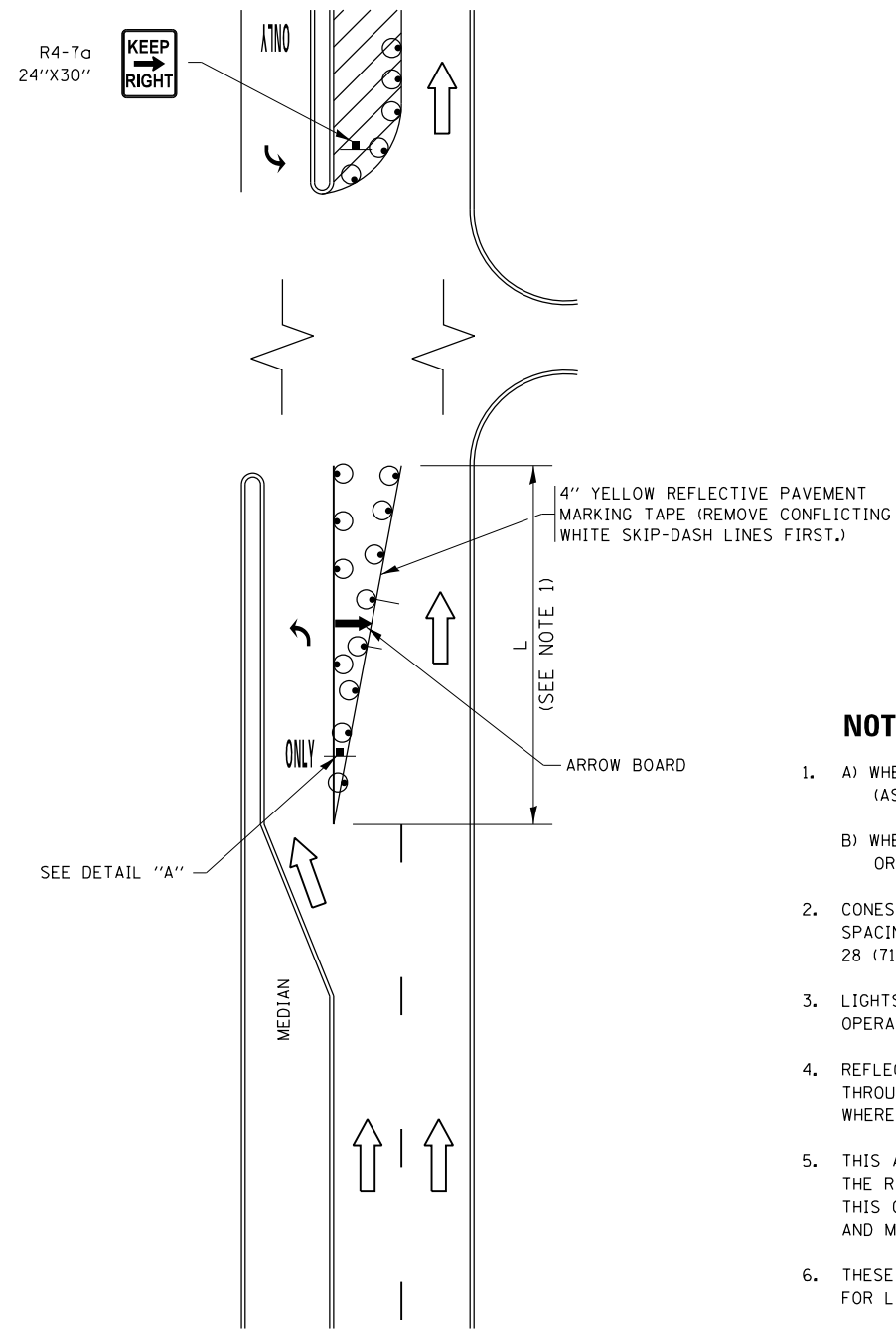


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

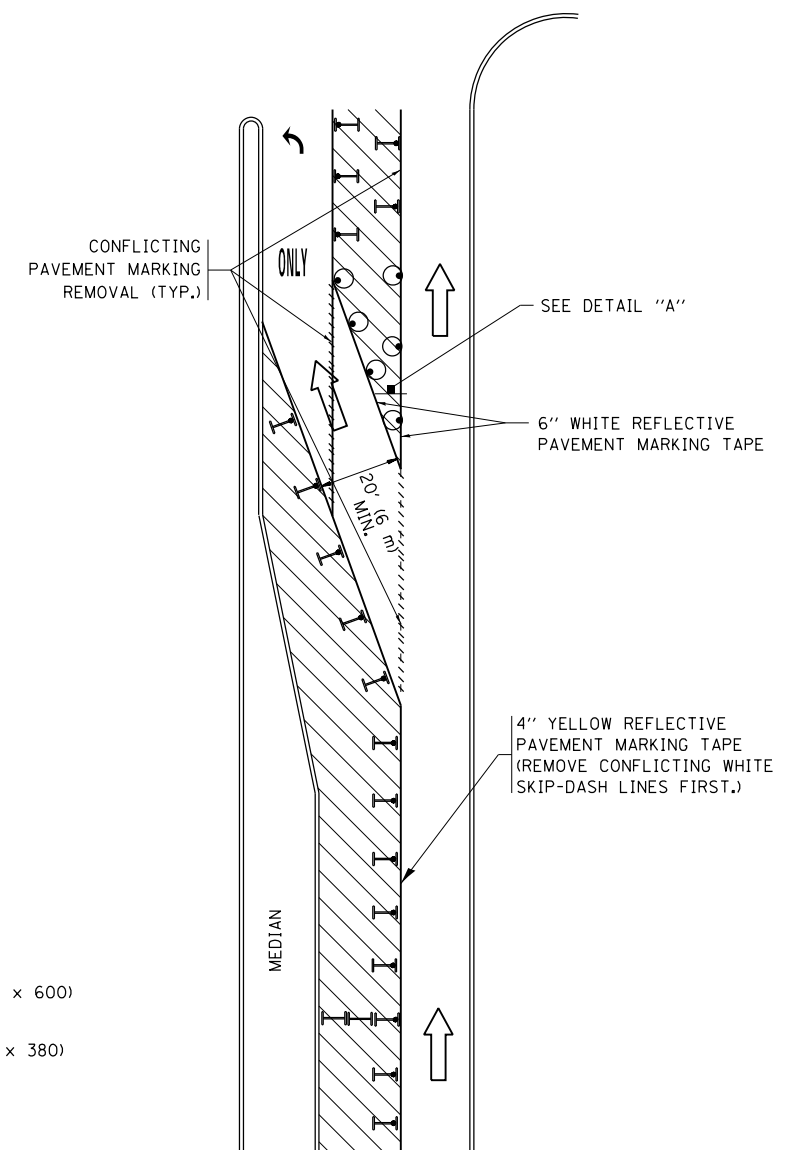
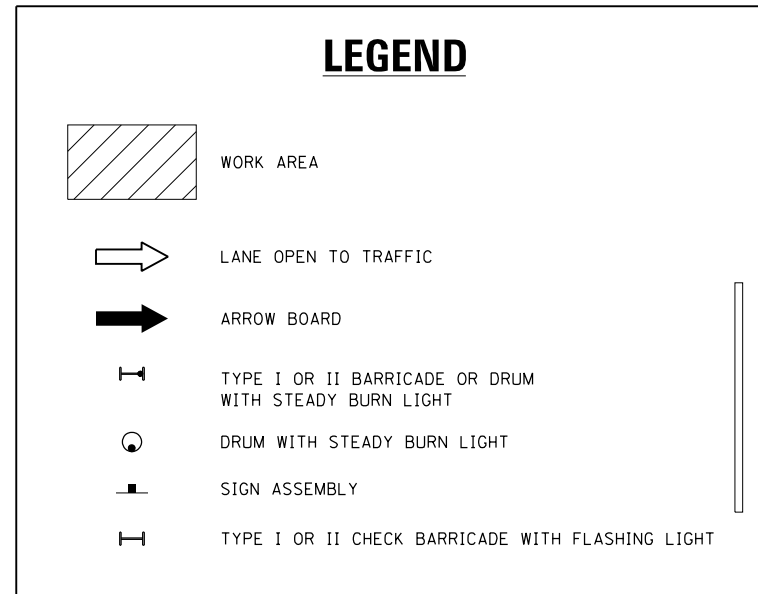
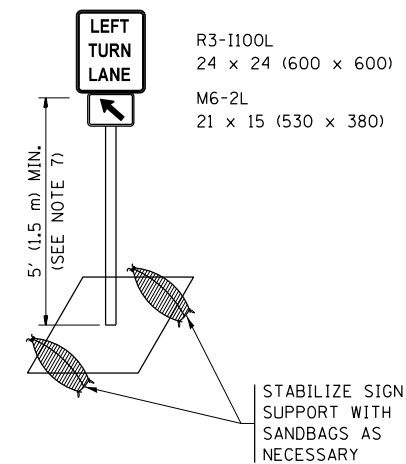


FIGURE 2



NOTES:

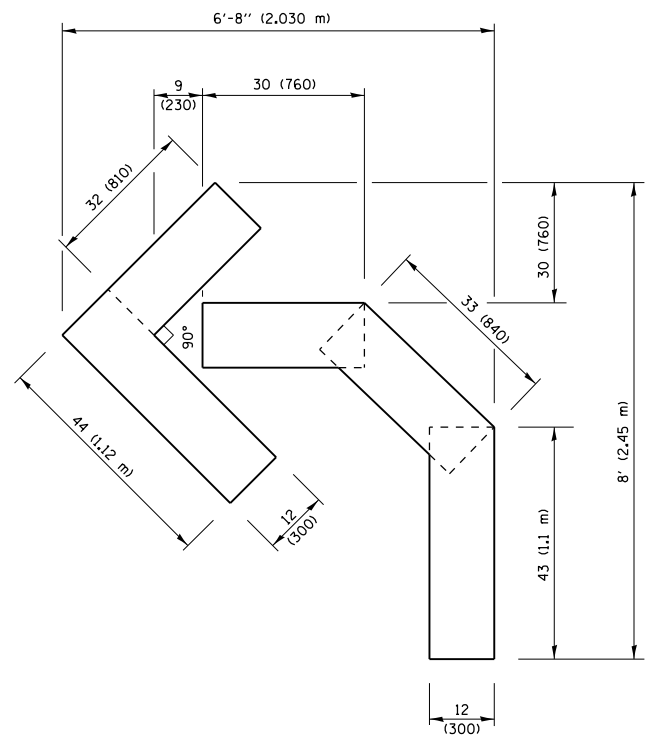
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



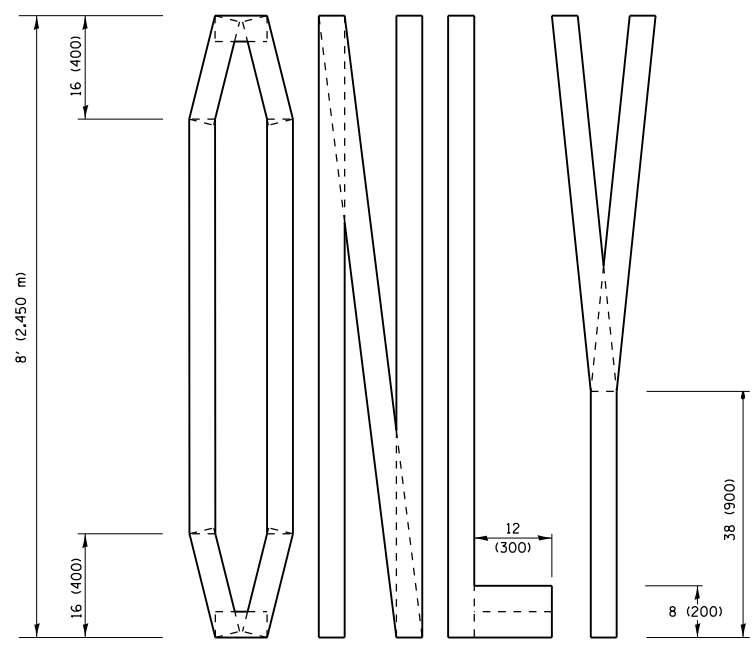
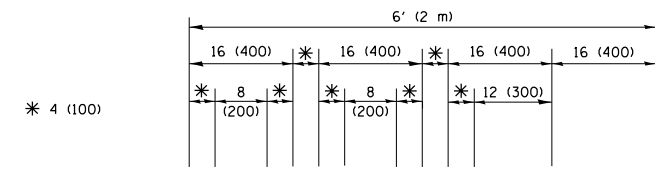
DETAIL A

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

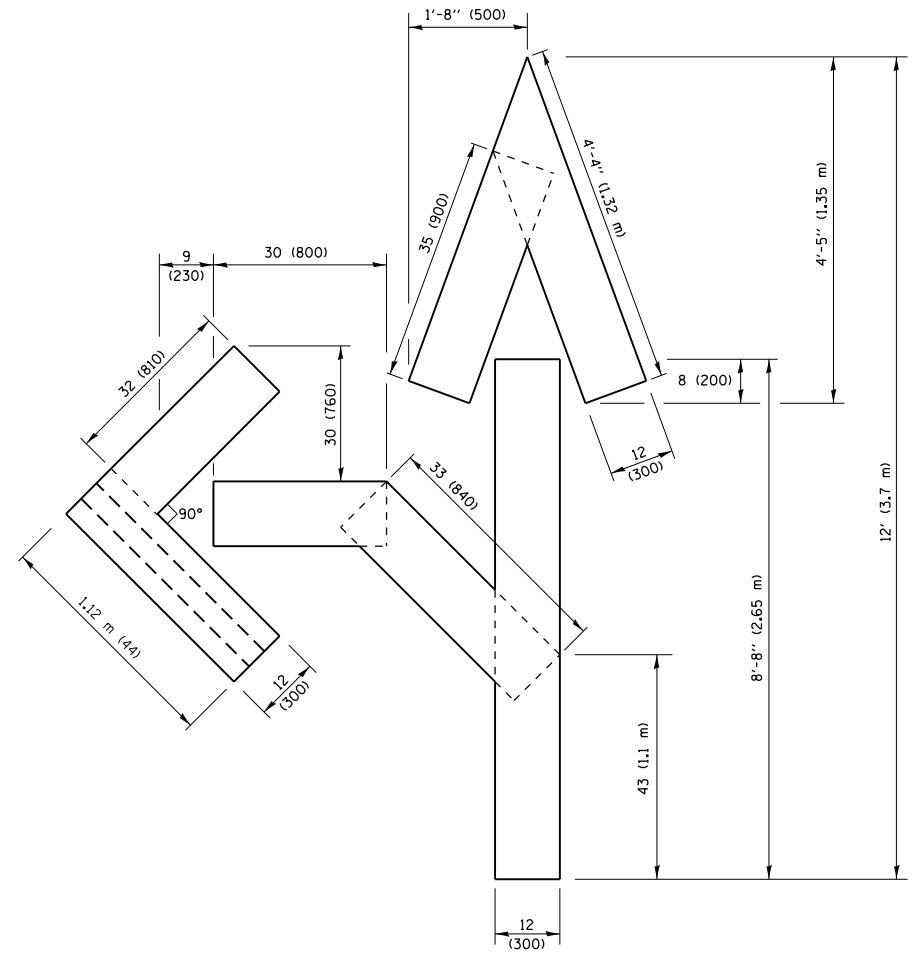
FILE NAME =	USER NAME = pyrzenowski	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		REVISED - A. HOUSEH 10-07-95	REVISED - A. SCHUETZE 07-01-13					607	13RS-9	WILL	47	43
	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		TC-14			CONTRACT NO. 60V18				
	PLOT DATE = 8/8/2017	REVISED - T. RAMMACHER 01-06-00	REVISED -		ILLINOIS FED. AID PROJECT							



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

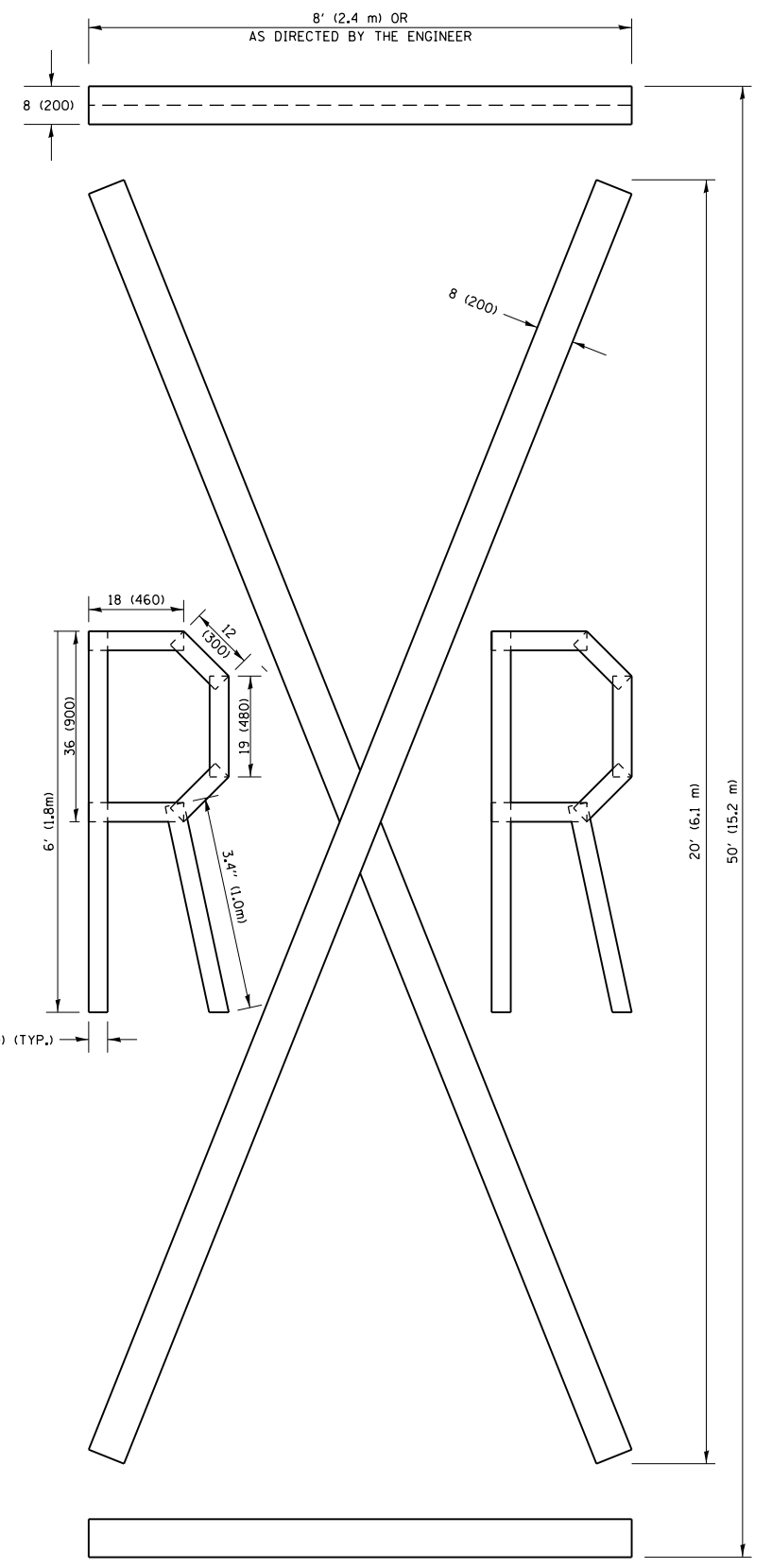


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

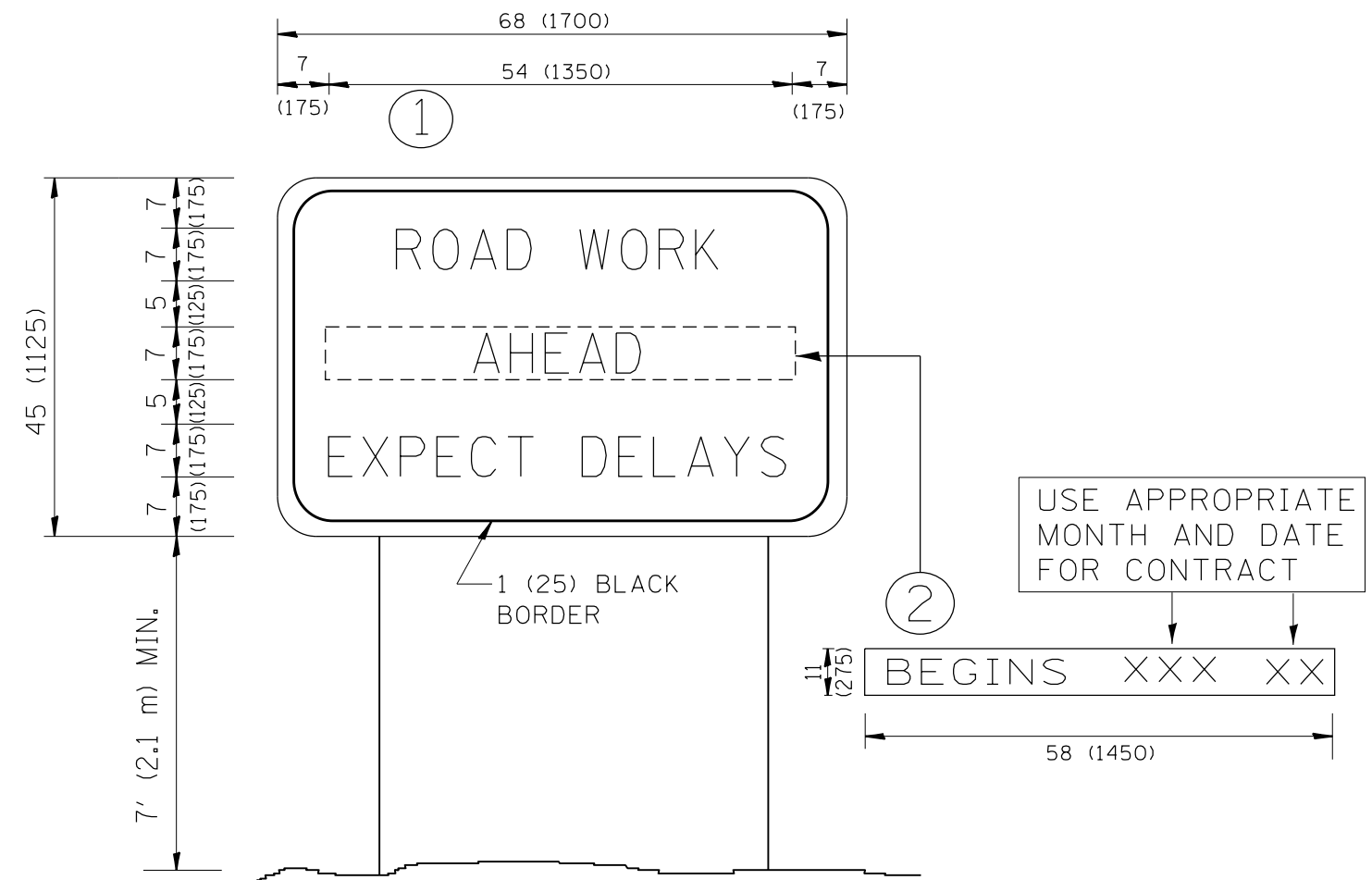
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = pyrzenowski	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI525\Design\DI52512-sht-plen.dgn		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE -	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	44
TC-16			CONTRACT NO. 60V18	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

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

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

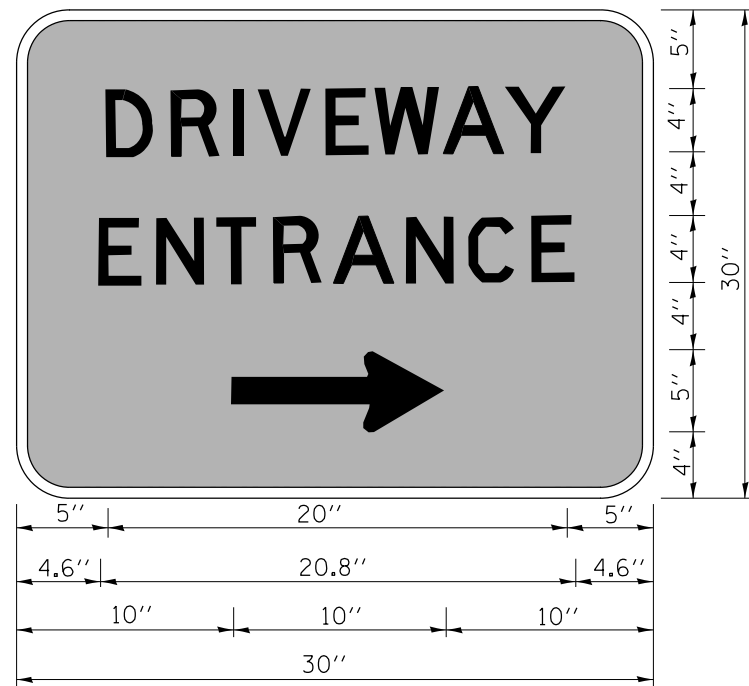
FILE NAME =	USER NAME = pyrzenowski	DESIGNED -	REVISED - R. MIRS 09-15-97
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI52512\Drawings\Design\DI52512-sht-plen.dgn		CHECKED -	REVISED - R. MIRS 12-11-97
		PLOT SCALE = 100.0000' / 1in.	REVISED - T. RAMMACHER 02-02-99
		PLOT DATE = 8/8/2017	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.
607	13RS-9	WILL	47	45
TC-22			CONTRACT NO. 60V18	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

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

FILE NAME =	USER NAME = pyzanosk1rb	DESIGNED -	REVISED - C. JUCIUS 02-15-07
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\152512\Drawings\Design\152512-sht-plen.dgn		CHECKED -	REVISED -
		PLOT SCALE = 100.0000' / in.	REVISED -
		PLOT DATE = 8/8/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

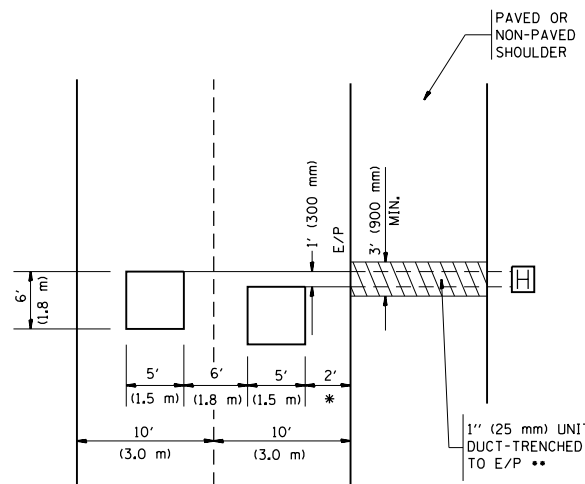
DRIVEWAY ENTRANCE SIGNING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	13RS-9	WILL	47	46
TC-26			CONTRACT NO. 60V18	
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.

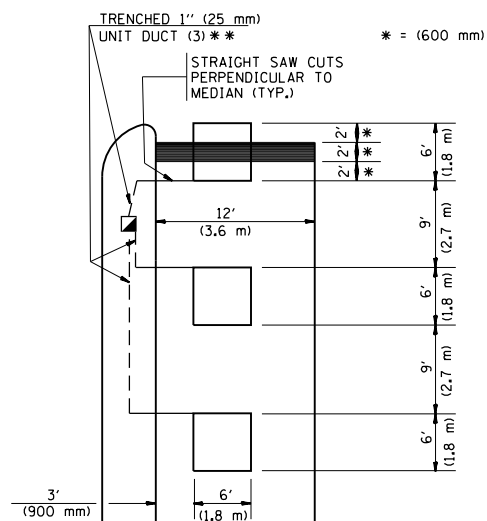


* = (600 mm)

** 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)

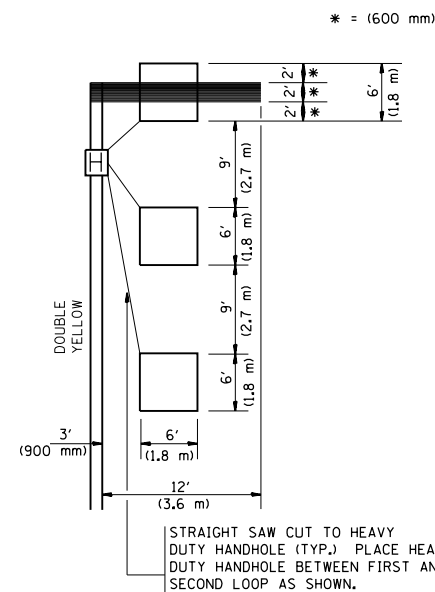
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



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

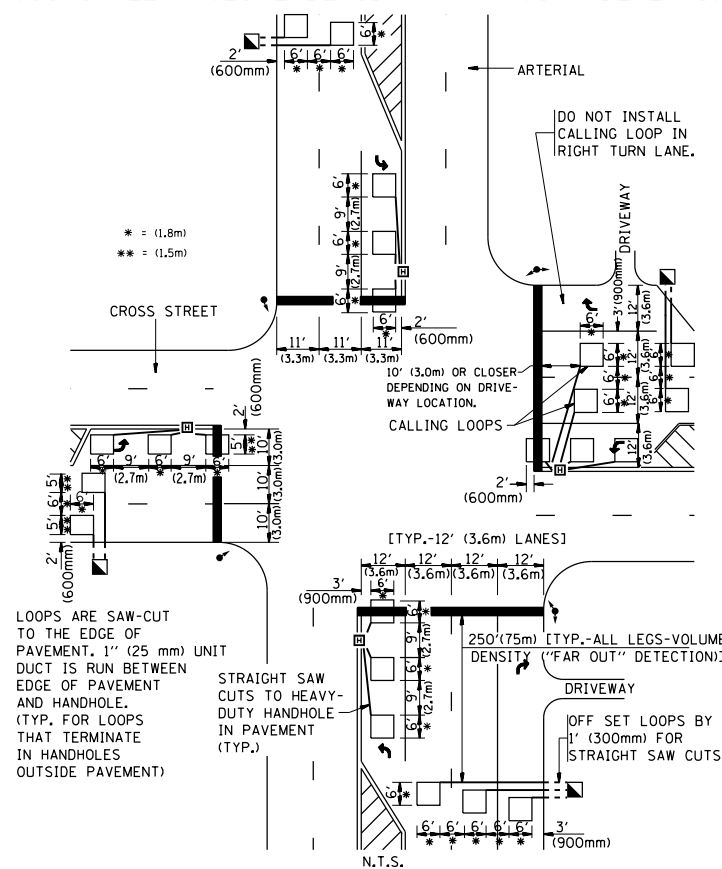
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



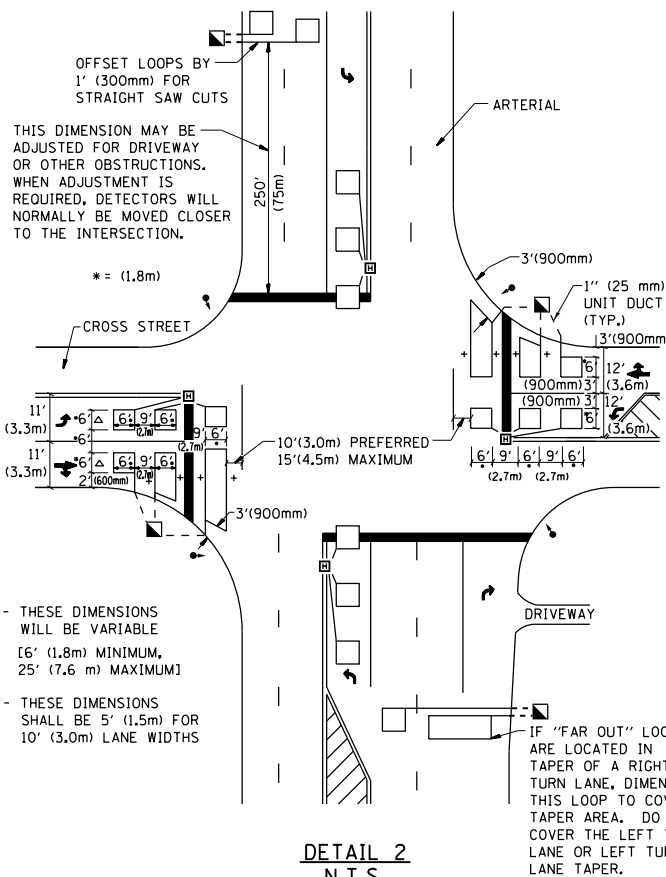
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

FILE NAME =	USER NAME = pyznowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING			F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PIWIDOTDocuments\IDOT Offices\District 1\Projects\DI5252\Design\DI52521-sht-pln.dgn		CHECKED - R.K.F.	REVISED -		607	13RS-9	WILL	47	47			
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -		TS-07			CONTRACT NO. 60V18				
PLOT DATE = 8/8/2017			REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			