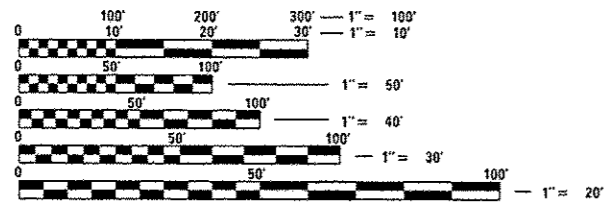


INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-7 SUMMARY OF QUANTITIES
- 8-17 TYPICAL SECTIONS
- 18-23 SCHEDULE OF QUANTITIES
- 24-31 PLAN VIEWS
- 32-47 DETECTOR LOOP DETAILS
- 48-54 DETAILS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 424006-01 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-01 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-01 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424031-01 MEDIAN PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 606301-04 PCC ISLANDS AND MEDIANS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 667101-02 PERMANENT SURVEY MARKERS
- 701101-04 OFF-ROAD OPERATIONS MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701456-03 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-05 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-03 TRAFFIC CONTROL DEVICES
- 780001-04 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001 PRISMATIC CURB REFLECTORS
- 814006-02 DOUBLE HANDHOLES
- 876001-03 PEDESTRIAN PUSH BUTTON POST
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS



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: CRAIG REED, P.E.
UNIT CHIEF: BRAD DUNCAN, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66C07

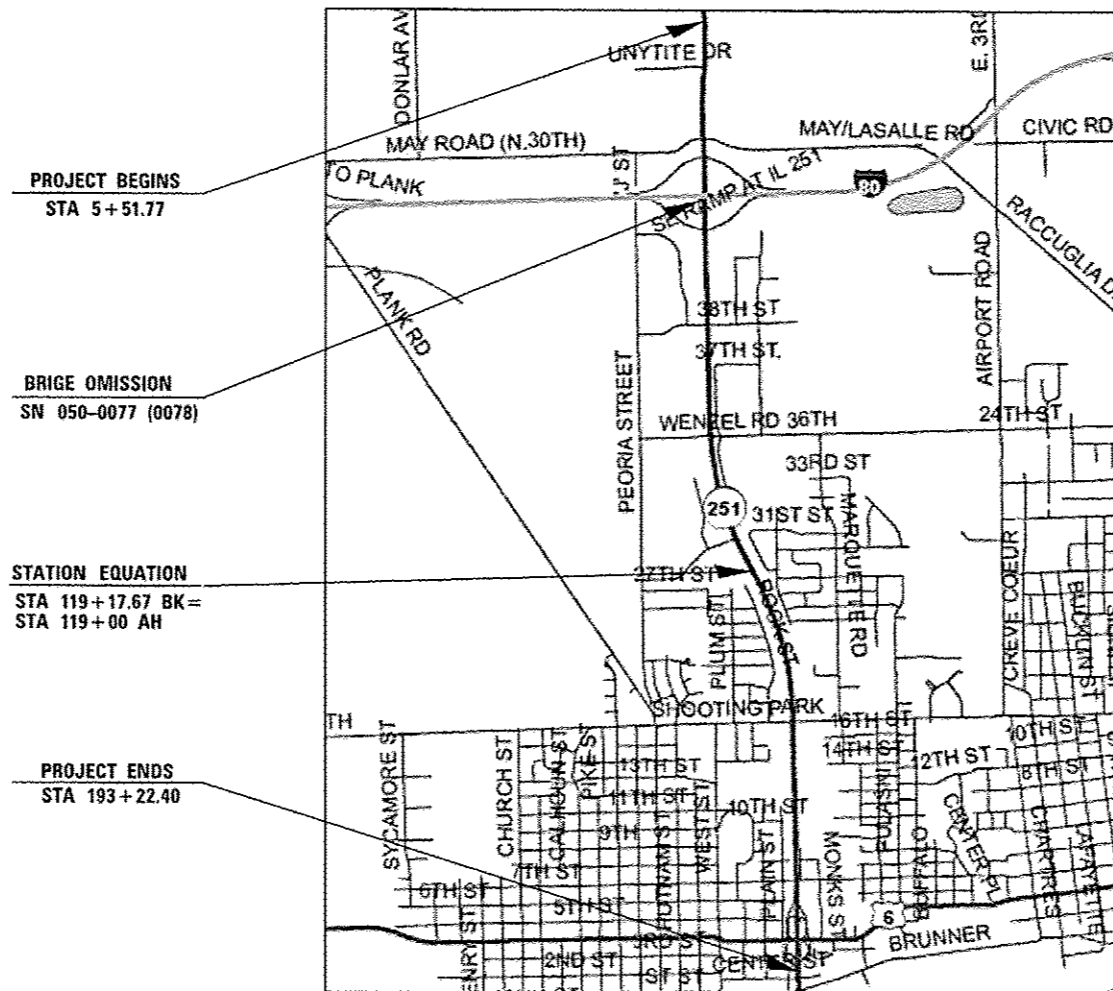
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 46 (IL 251)
SECTION (1,1Z) RS-4

3P MILL & RESURFACING
LASALLE COUNTY

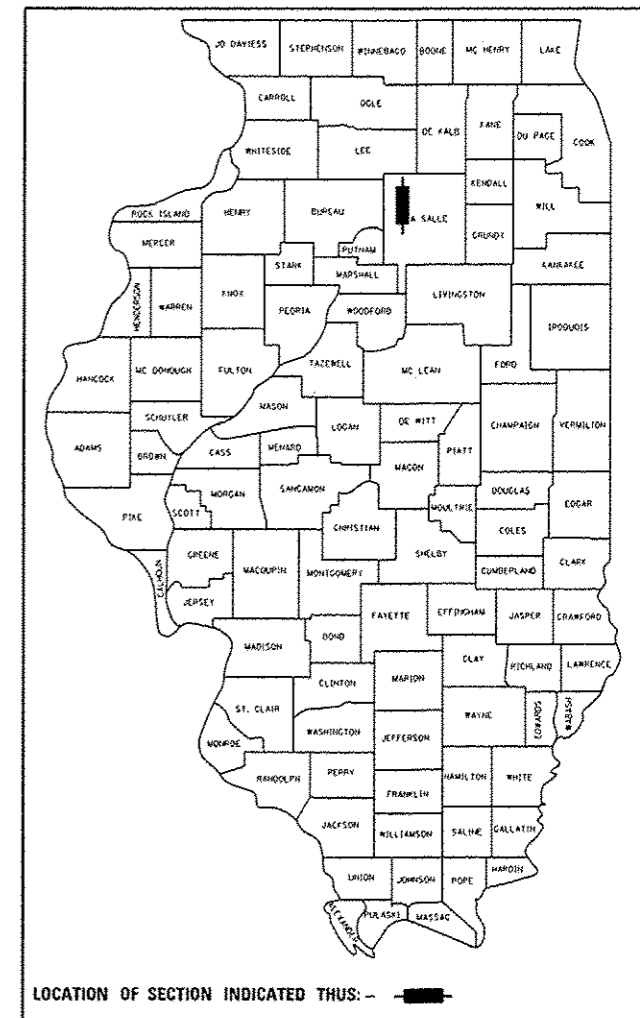
C-93-086-12



GROSS LENGTH = 18848.23 FT. = 3.57 MILE
NET LENGTH = 18630.23 FT. = 3.53 MILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,1Z) RS-4	LASALLE	54	1
ILLINOIS CONTRACT NO. 66C07				

D93-047-12



LOCATION OF SECTION INDICATED THUS: - [black rectangle]

FUNCTIONAL CLASSIFICATION:
URBAN MINOR ARTERIAL (NORTH OF I-80)
URBAN ARTERIAL (SOUTH OF I-80)

2013 ADT = 15000 VPD
PV% = 95.0 SU% = 3.0 MU% = 2.0

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED June 14 20 14
Paul Coetz DIB
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
John D. Baranzelli P.E. JR
ENGINEER OF DESIGN AND ENVIRONMENT
July 18 20 14
Onur Osman P.E. JR
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE THICKNESS OF HMA 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 IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SODDED. THE VEGETATION SUSTAINING SOIL, FERTILIZER NUTRIENT, AND SUPPLEMENTAL WATER REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF SALT TOLERANT SODDING.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

SHORT TERM PAVEMENT MARKING SHALL BE USED TO OUTLINE EXIT AND ENTRANCE RAMPS FOR THE PRIME COAT APPLICATION AND EACH RESURFACING LIFT.

DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FT MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL. AT CURB RAMPS AND BLENDED TRANSITIONS, DETECTABLE WARNING SURFACES SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN (EXCLUDING ANY FLARES) OR BLENDED TRANSITIONS. SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION. THE CONCRETE BORDER SHALL NOT EXCEED 2 INCHES.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLOWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Dr. Smith*
DISTRICT STUDIES & PLANS ENGINEER

DATE: *June 13-2014*

EXAMINED BY: *Debad*
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER
James A. Wheeler
DISTRICT OPERATIONS ENGINEER

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE * 100.0000 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 66C07					
	PLOT DATE * 6/13/2014	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				100% STATE	
				ROADWAY	
				0005	URBAN
20200100	EARTH EXCAVATION	CU YD	25		25
25200110	SODDING, SALT TOLERANT	SO YD	149		149
25200200	SUPPLEMENTAL WATERING	UNIT	1		1
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	42		42
40600537	LEVELING BINDER (HAND METHOD), IL-9.5FG, N70	TON	68		68
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	6378		6378
40600895	CONSTRUCTING TEST STRIP	EACH	1		1
40600990	TEMPORARY RAMP	SO YD	6950		6950
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	12754		12754
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	2345		2345
42400800	DETECTABLE WARNINGS	SO FT	288		288
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	42952		42952
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	151842		151842
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	270		270

14

△ SPECIALTY ITEMS

FILE NAME :	USER NAME : duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 8/14/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

Rev.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY 0005 URBAN
44000600	SIDEWALK REMOVAL	SO FT	2334	2334
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	213	213
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	341	341
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	112	112
48101200	AGGREGATE SHOULDERS, TYPE B	TON	724	724
48203100	HOT-MIX ASPHALT SHOULDERS	TON	8198	8198
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	3	3
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	45698	45698
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	4611.2	4611.2

114
 △ SPECIALTY ITEMS

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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100.0000 / 1" = 100'	5/14/2014	DATE	REVISED								
ILLINOIS FED. AID PROJECT CONTRACT NO. 66C07											

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				100% STATE	
				ROADWAY	
				0005	URBAN
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	173774		173774
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	17576		17576
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	39666		39666
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	7420		7420
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2198		2198
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SD FT	15080		15080
△ 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SD FT	2305.6		2305.6
△ 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	86887		86887
△ 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	8788		8788
△ 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	19463		19463
△ 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	3710		3710
△ 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	1099		1099
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	753		753
△ 78200300	PRISMATIC CURB REFLECTOR	EACH	785		785

△ SPECIALTY ITEMS

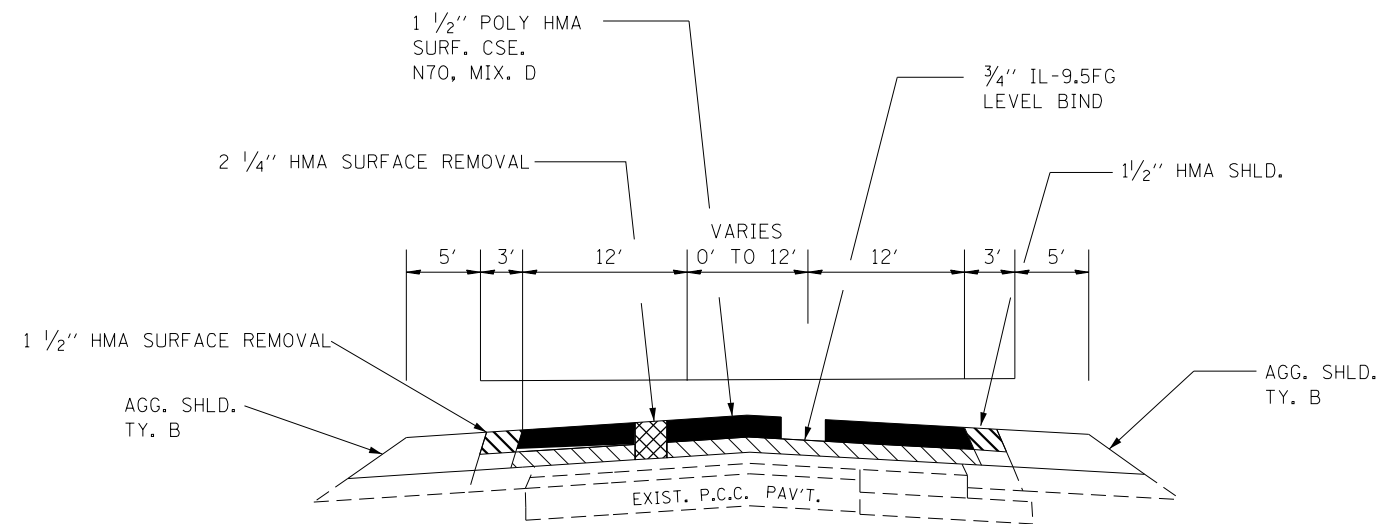
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	PLOT DATE = 6/14/2014	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

6600 7 (M)

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				100% STATE
				ROADWAY
				0005
				URBAN
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	63	63
Z0034105	MATERIAL TRANSFER DEVICE	TON	12754	12754

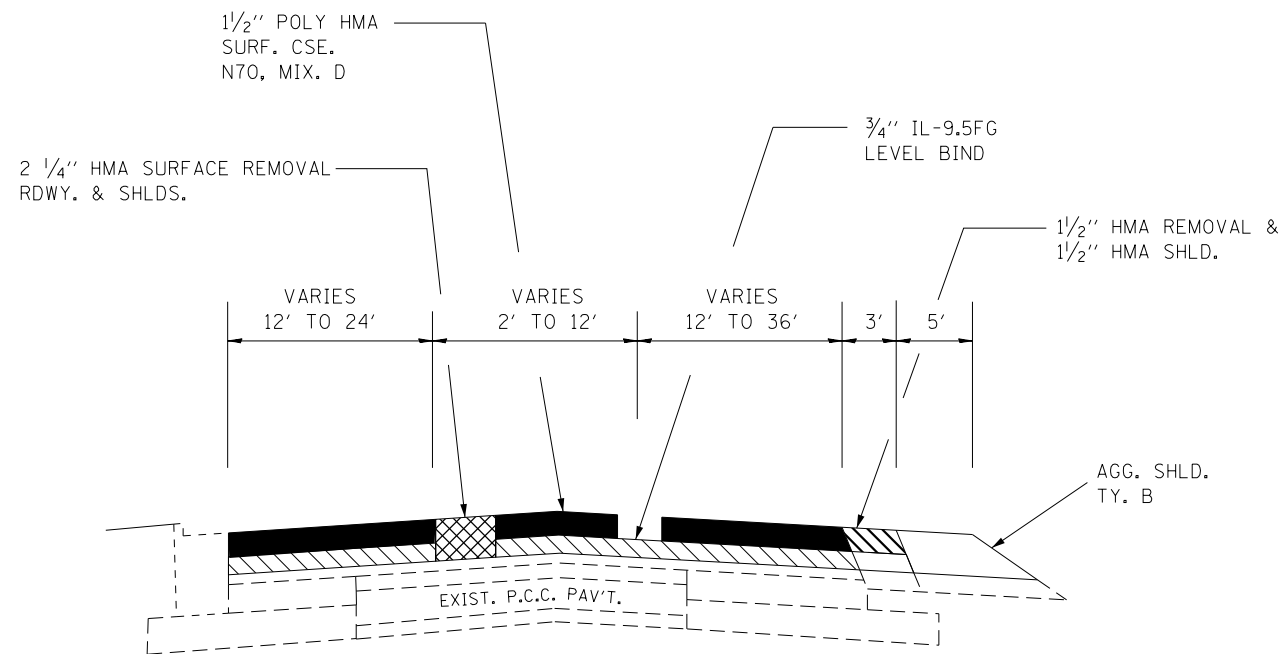
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PLOT DATE * 6/14/2014		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT					



TYPICAL SECTION NO. 1

STA. 05+51.77 TO STA. 13+17.10



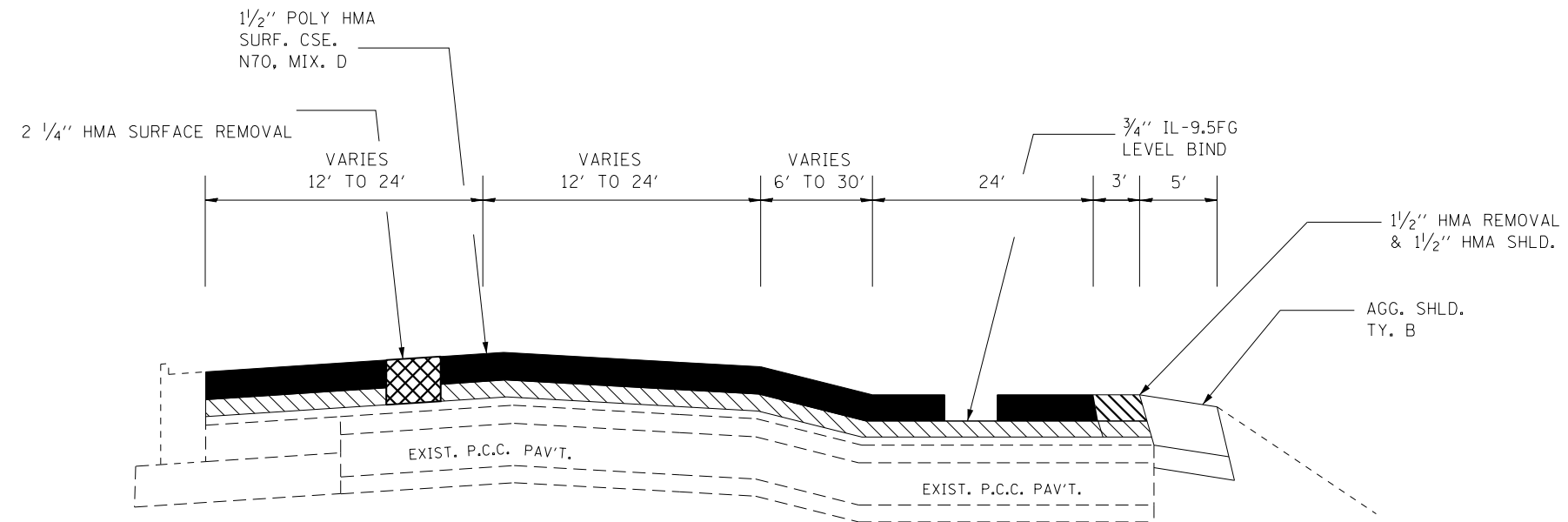
TYPICAL SECTION NO. 2

STA. 13+17.10 TO STA. 24+24.72

MIXTURE TABLE

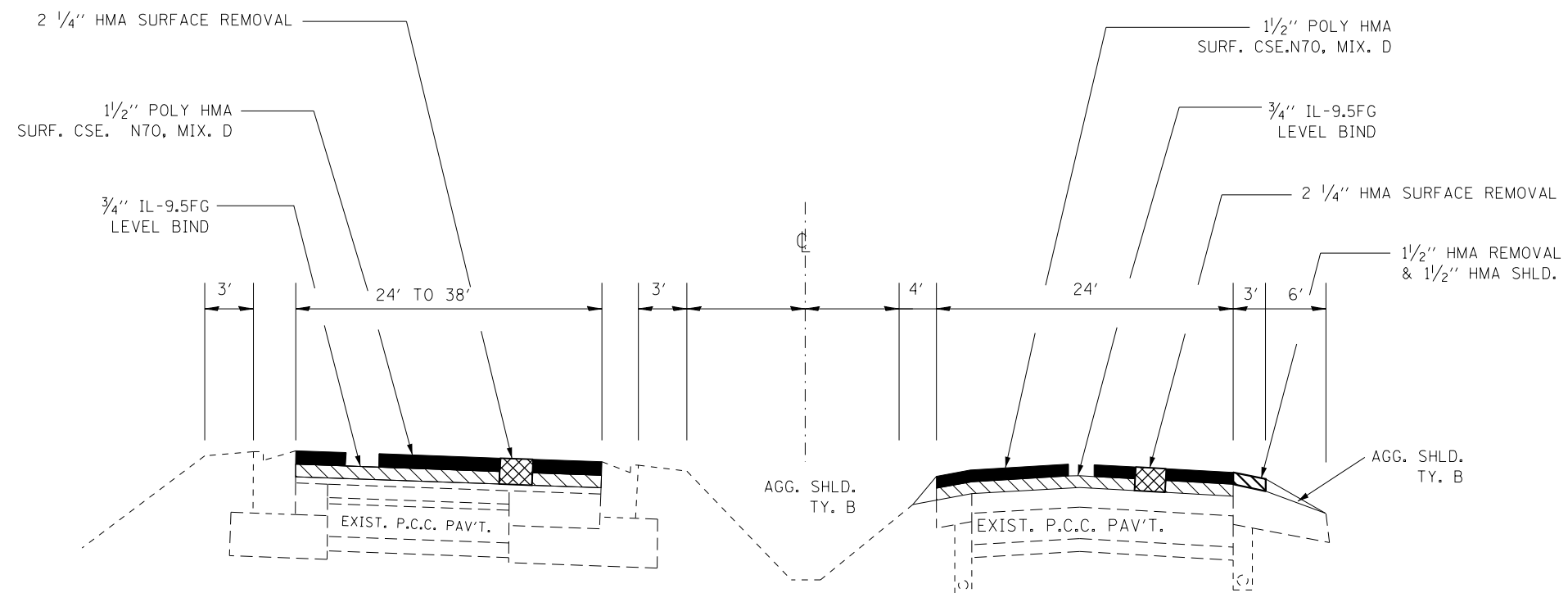
	HMA SURFACE	HMA LEVEL BINDER	HMA SHOULDERS
PG GRADE**	SBS-PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 9.5FG	IL 9.5
FRICTION AGGREGATE	MIXTURE D		MIXTURE C
DENSITY TEST METHOD	CORRELATION	CORRELATION	CORRELATION

** WHEN RAP/RAS ABR EXCEEDS 20 PERCENT, THE HIGH AND LOW VIRGIN ASPHALT BINDER GRADES SHALL EACH BE REDUCED BY ONE GRADE (I.E. 25% ABR WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG 64-22 TO BE REDUCED TO PG 58-28)



TYPICAL SECTION NO. 3

STA. 24+24.72 TO STA. 29+55



TYPICAL SECTION NO. 4

STA. 29+55 TO STA. 34+17

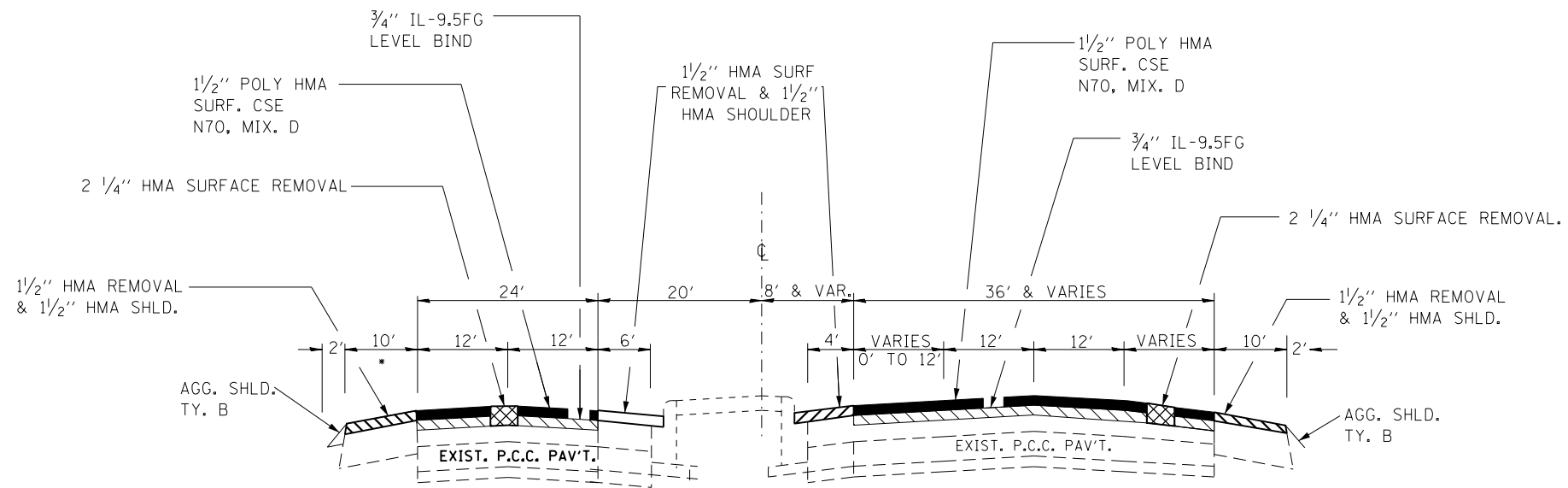
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

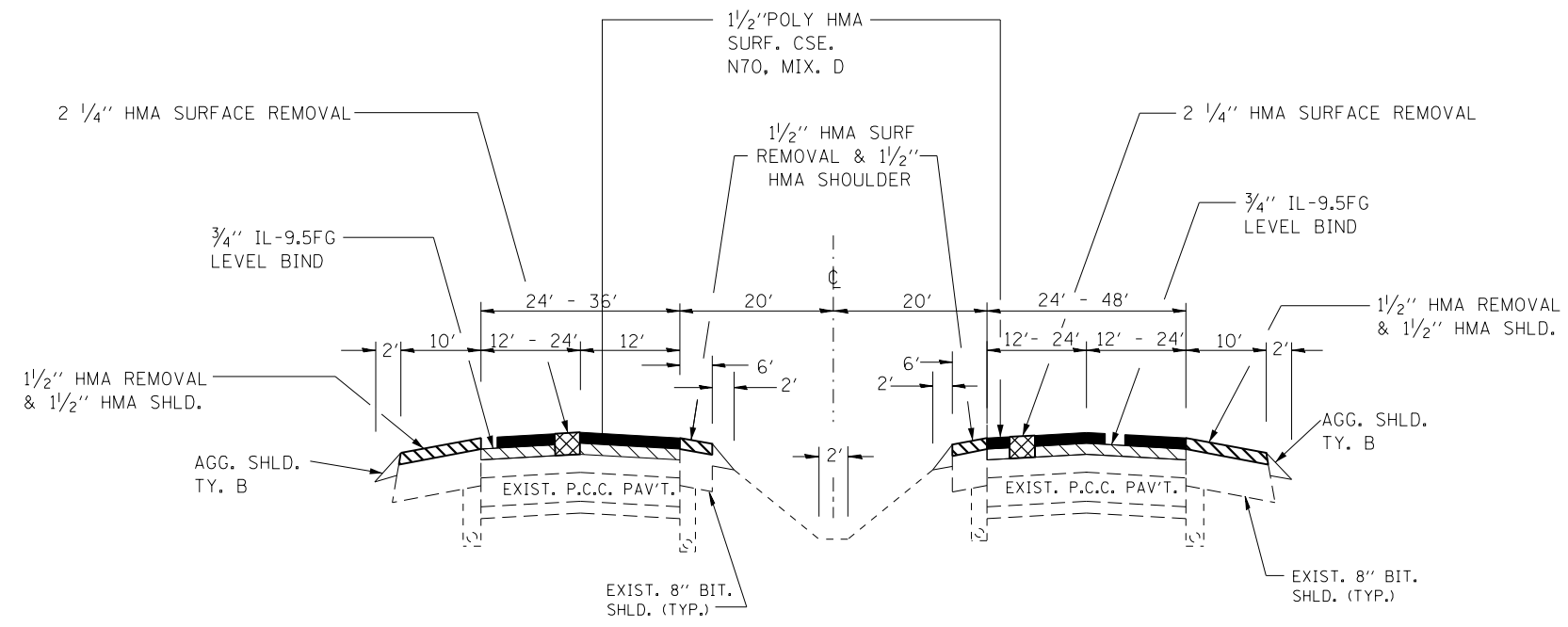
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,1Z)RS-4	LASALLE	54	9
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION NO. 5

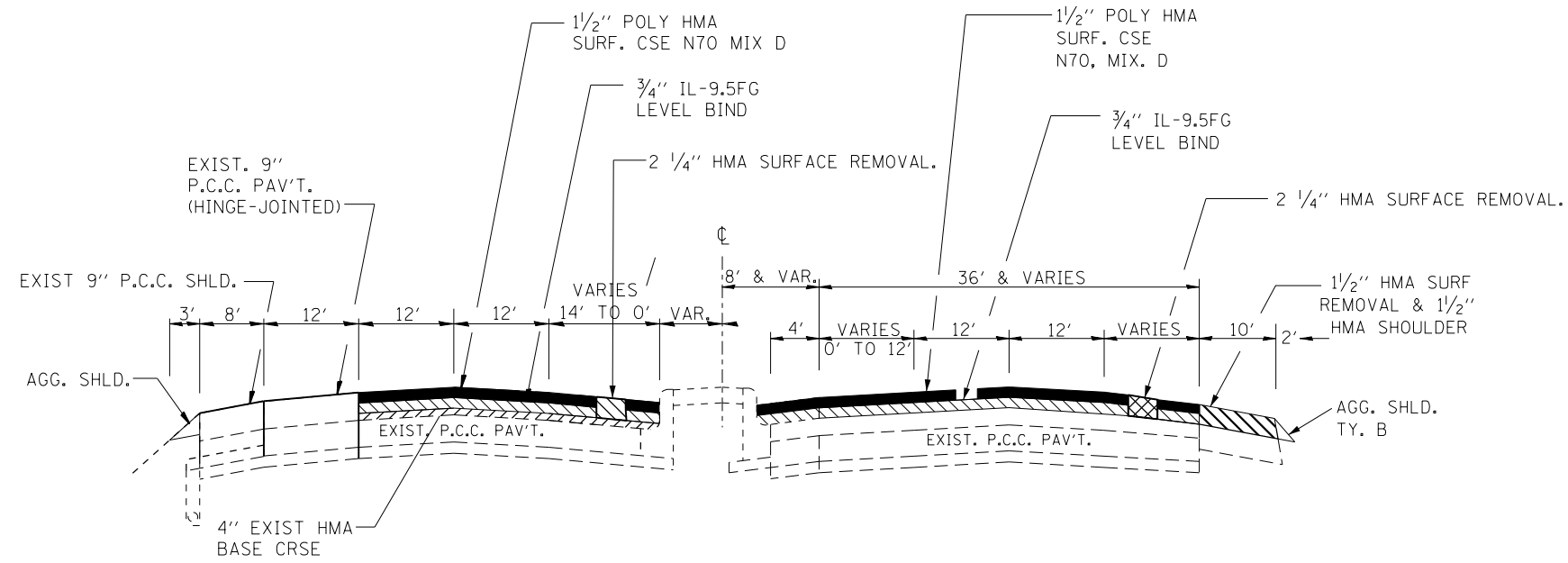
STA. 71+60 TO STA. 72+44.50
 * STA. 49+37 TO STA. 55+70
 BRIDGE OMISSION 47+18 -49+37



TYPICAL SECTION NO. 6

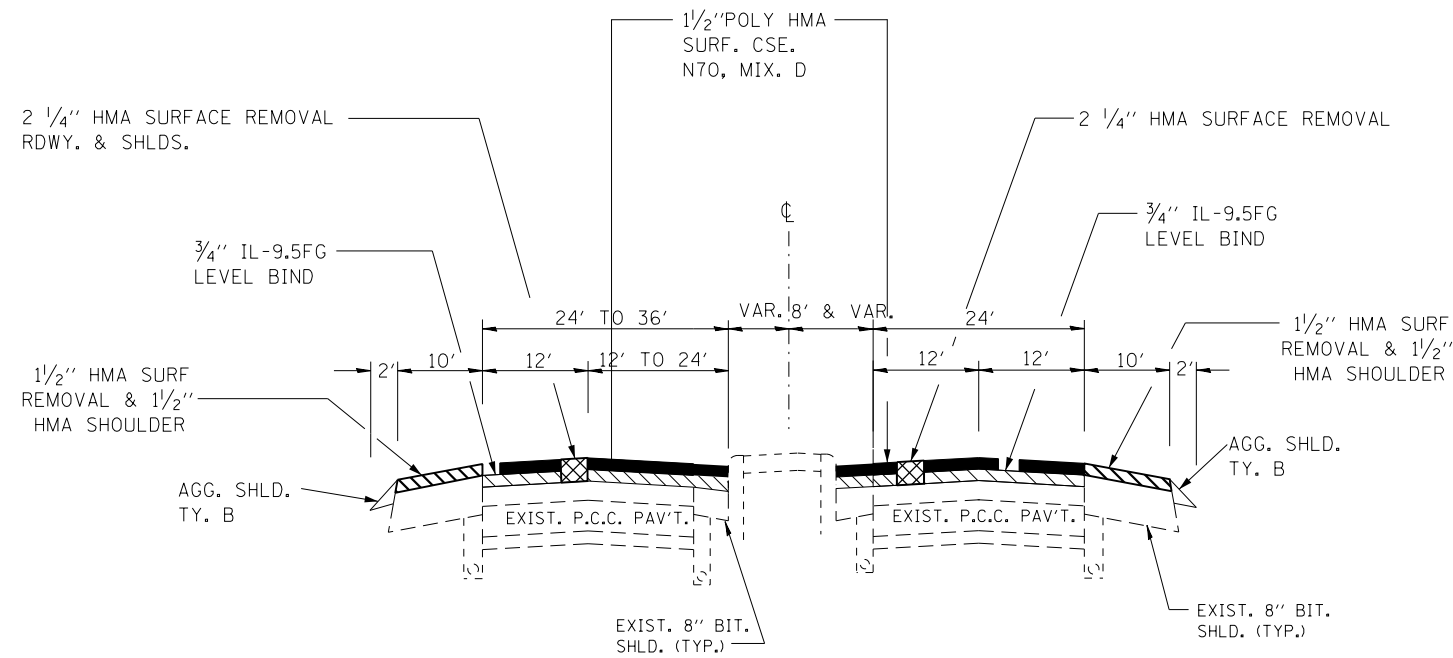
STA 34+17 TO STA 38+08
 STA. 55+70 TO STA. 67+84
 STA. 77+05 TO STA. 87+60.82
 STA. 100+20 TO STA. 125+59.29
 (CURB & MEDIAN TYPICAL NOT SHOWN AT
 MIDWAY RD)

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 6/14/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



TYPICAL SECTION NO. 5A

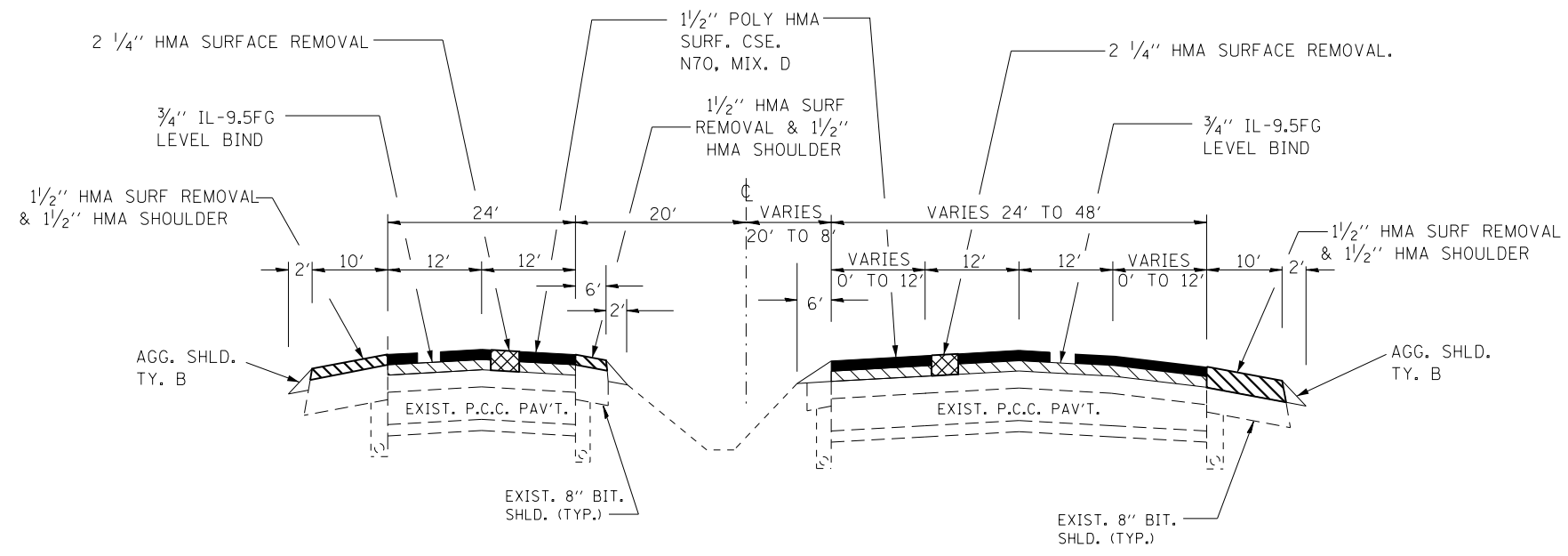
STA. 38+08 TO STA. 41+75



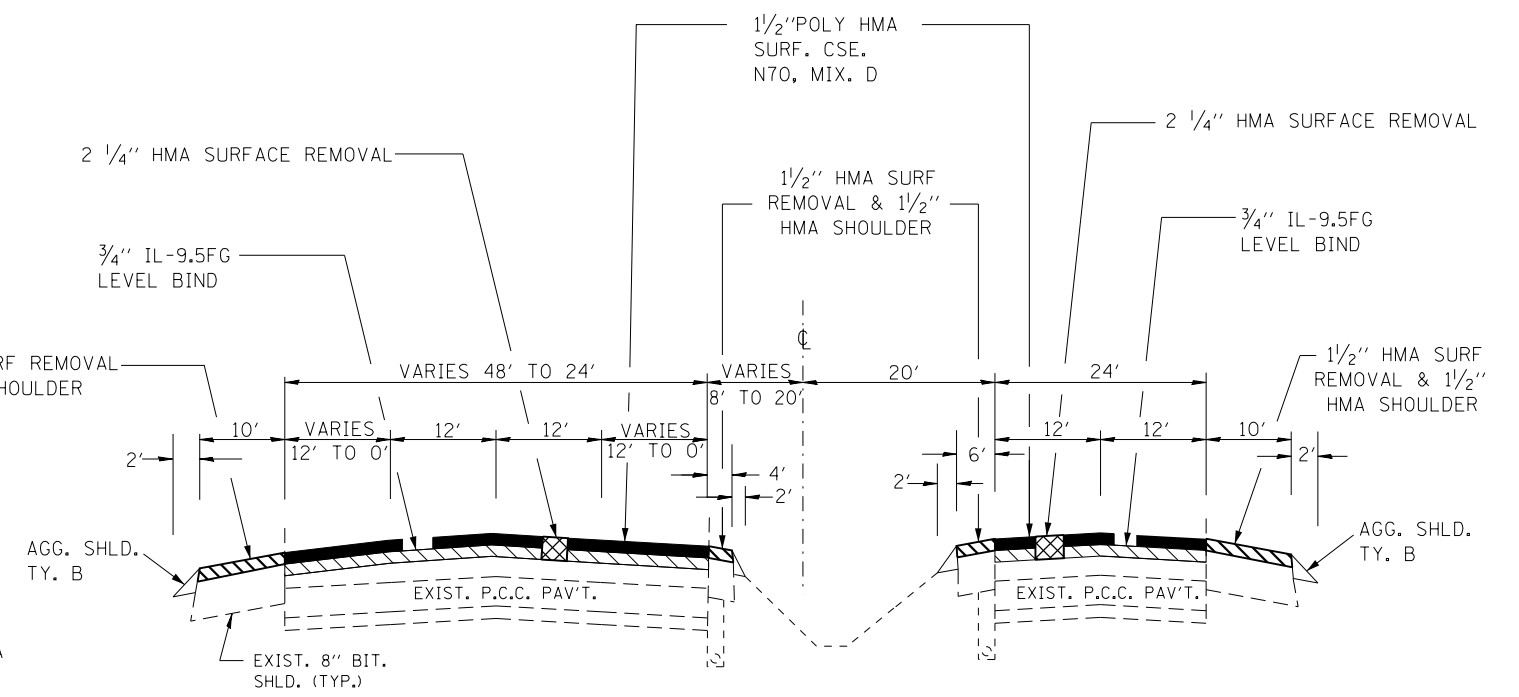
TYPICAL SECTION NO. 5B

STA. 41+75 TO STA. 47+18

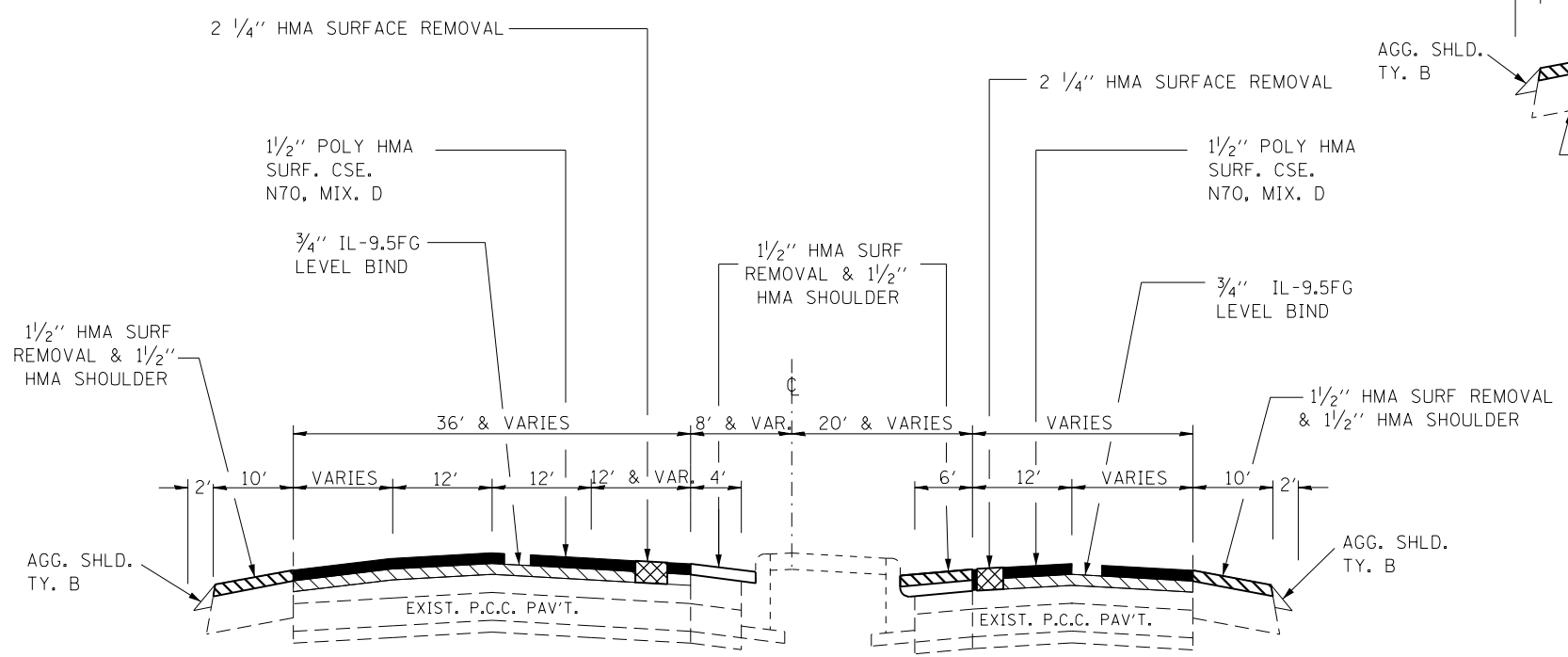
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PLOT DATE = 6/14/2014	DATE -	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66C07				
					ILLINOIS FED. AID PROJECT							



TYPICAL SECTION NO. 7
STA. 67+84 TO STA. 71+60

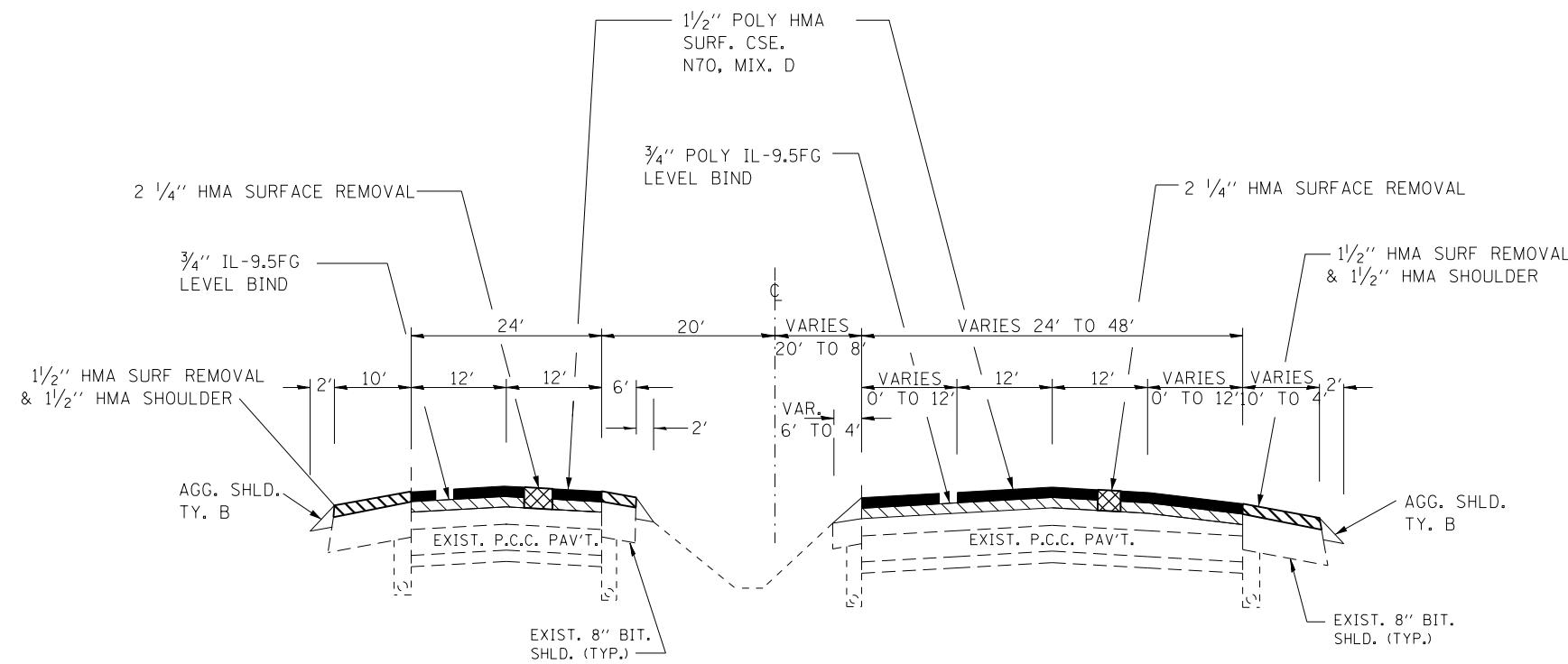


TYPICAL SECTION NO. 8
STA. 73+28 TO STA. 77+05

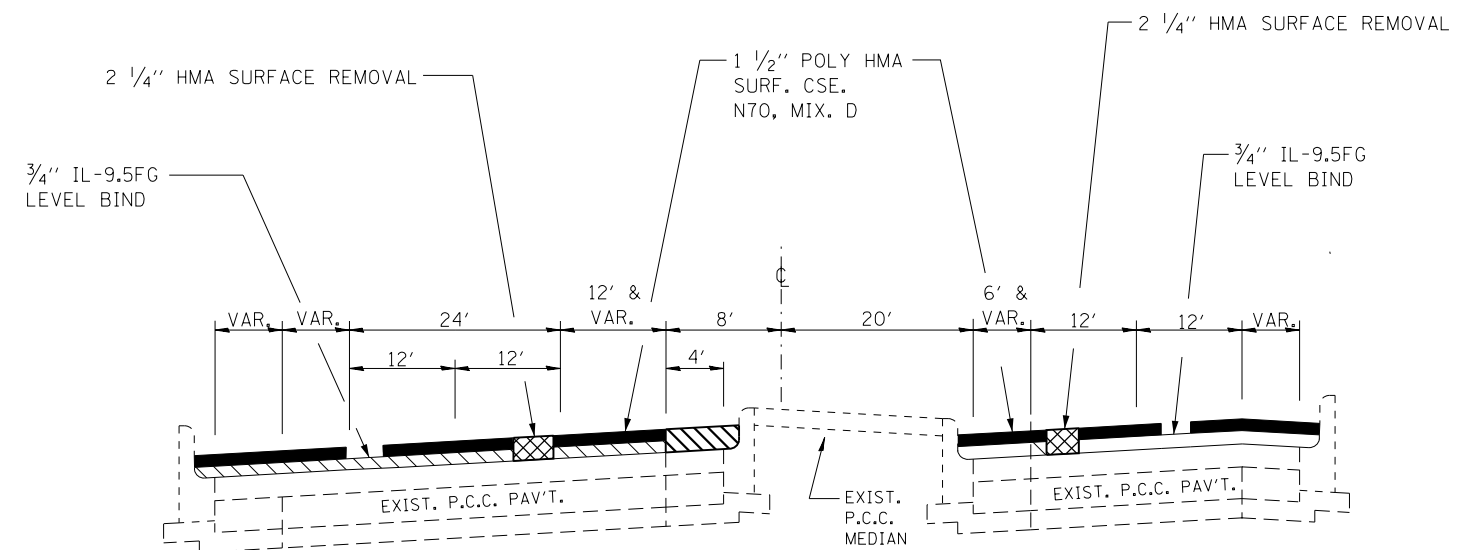


TYPICAL SECTION NO. 9
STA. 72+44.50 TO STA. 73+28

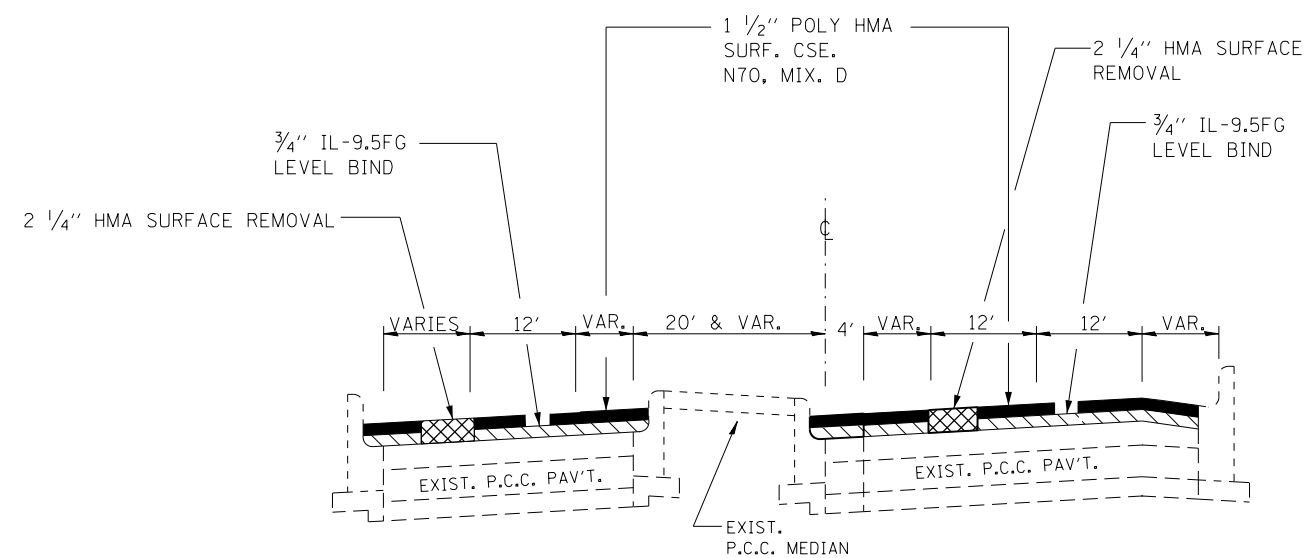
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PLOT DATE = 6/14/2014		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT



TYPICAL SECTION NO. 10
STA. 87+60.82 TO STA. 92+40



TYPICAL SECTION NO. 11
STA. 93+35.82 TO STA. 94+40



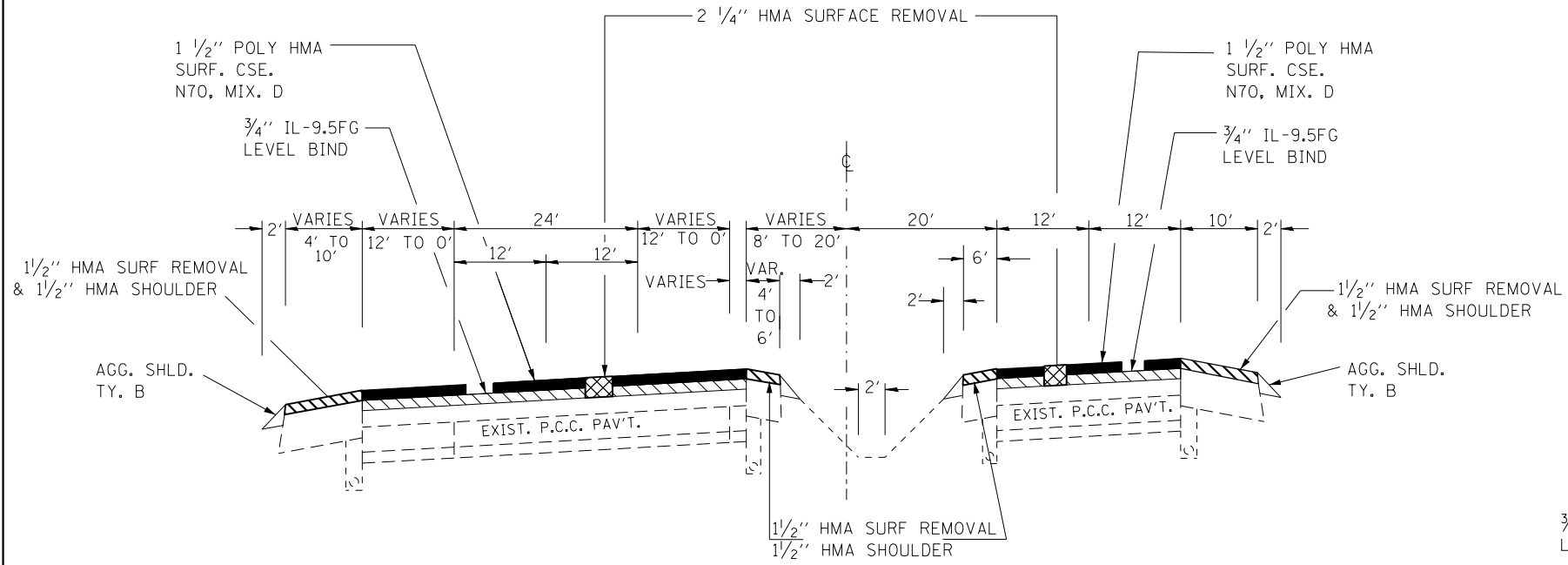
TYPICAL SECTION NO. 12
STA. 92+40 TO STA. 93+35.82

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		CHECKED -	REVISED -
		DATE -	REVISED -

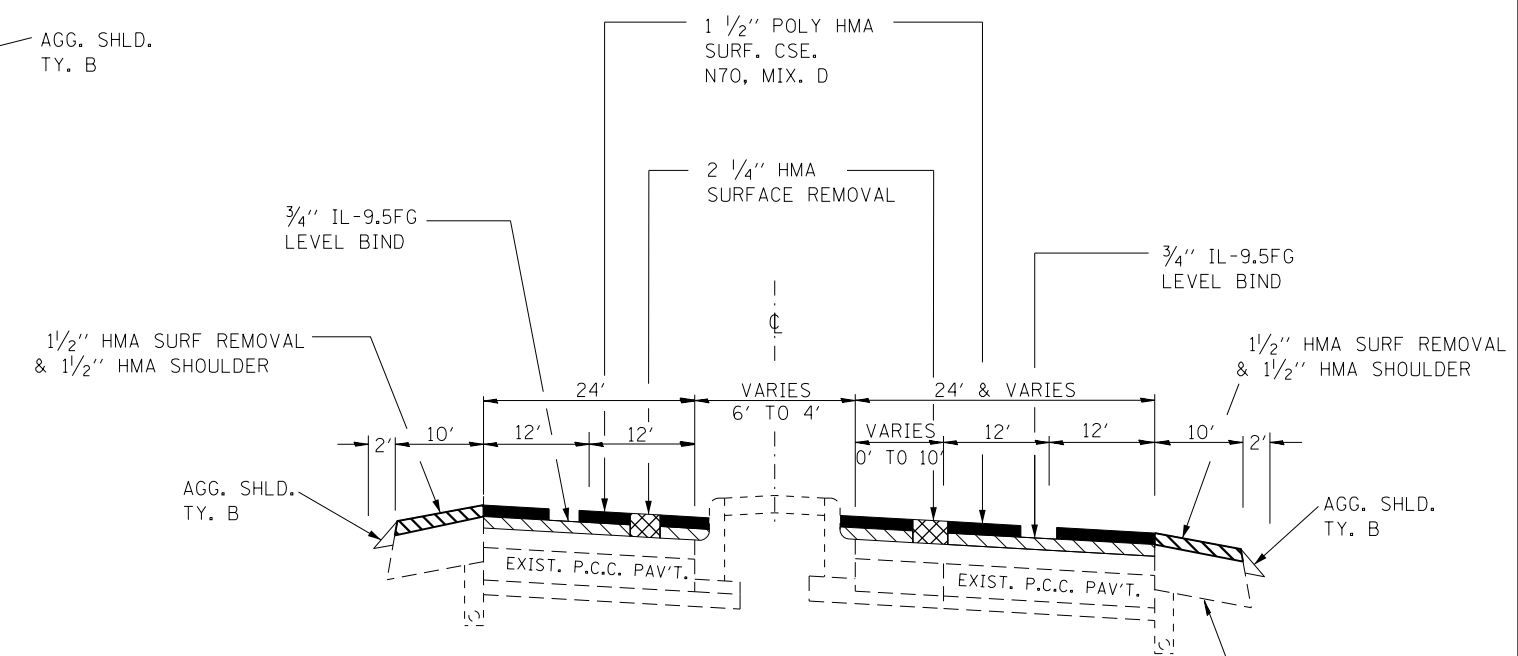
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

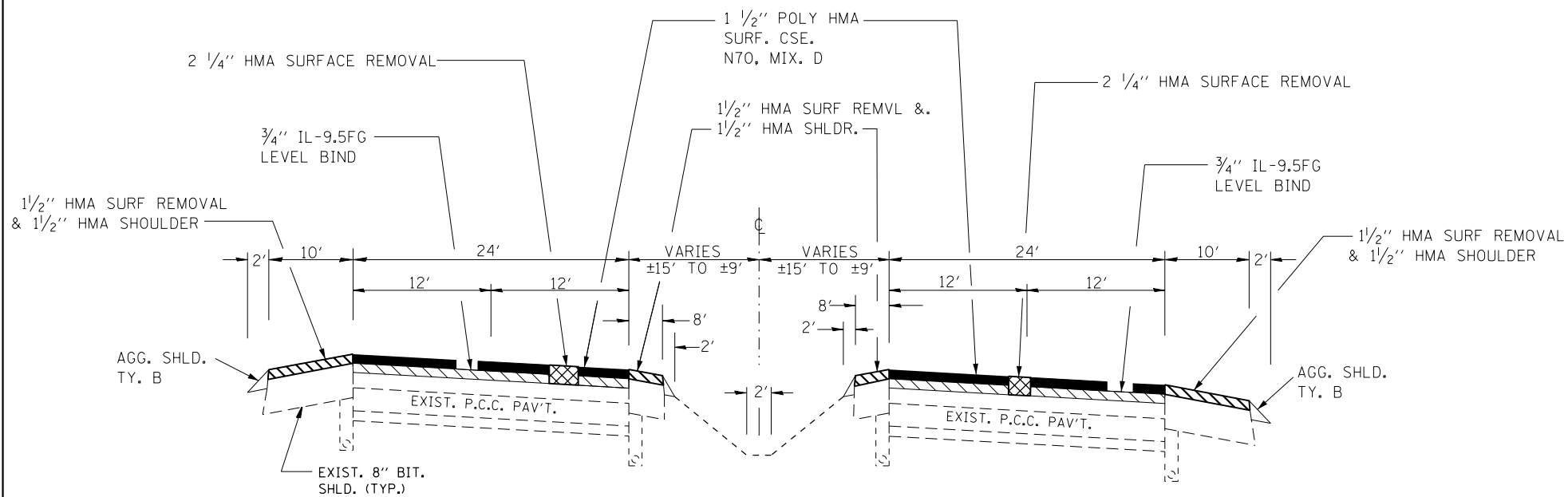
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	13
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION NO. 13
STA. 94+40 TO STA. 100+20

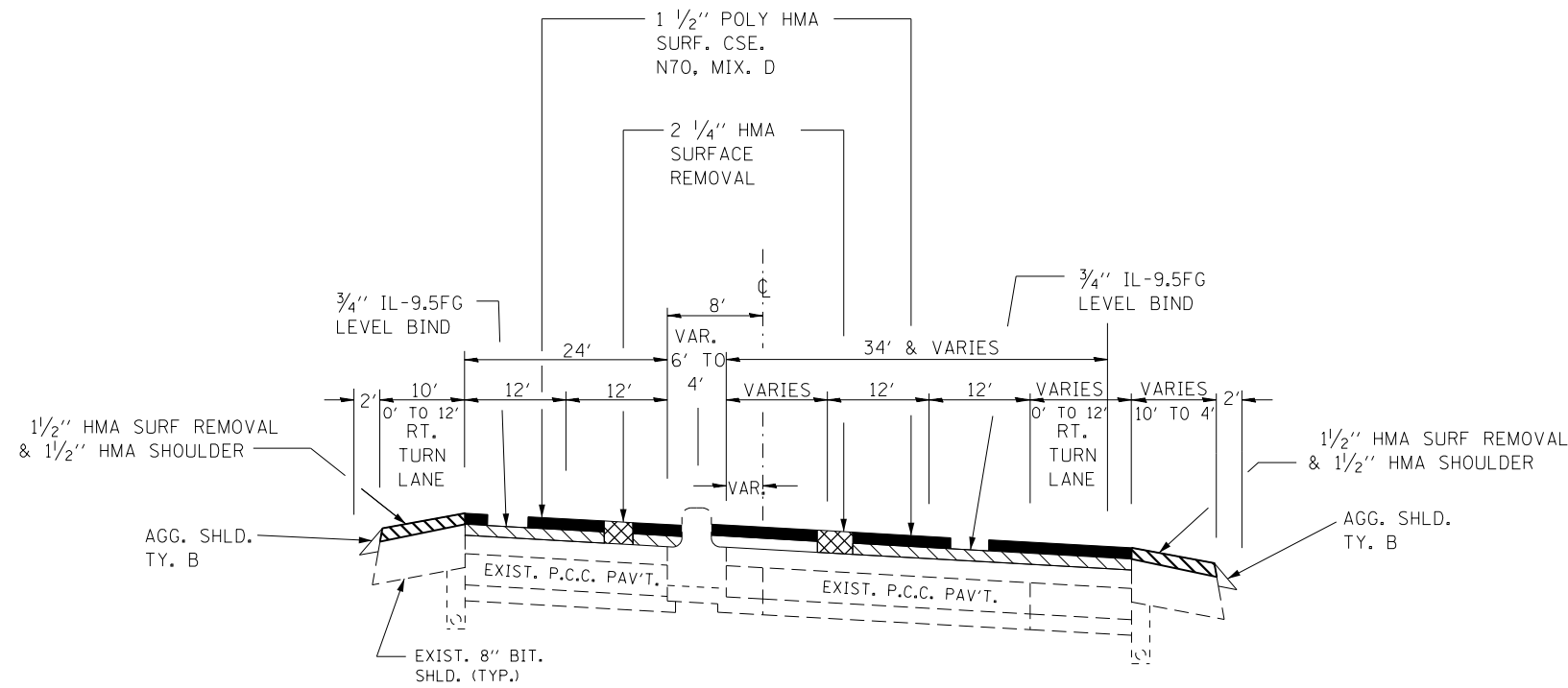


TYPICAL SECTION NO. 14
STA. 130+00 TO STA. 143+10.67

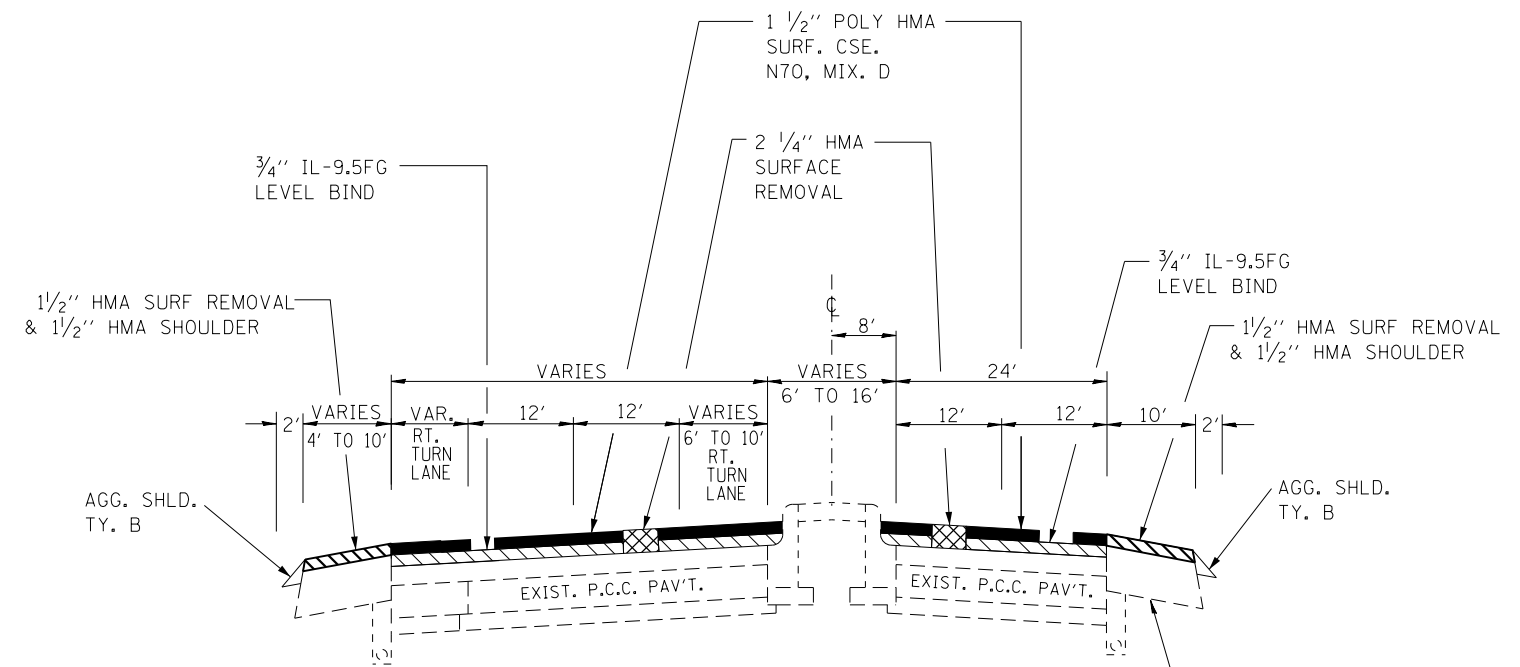


TYPICAL SECTION NO. 15
STA. 125+59.29 TO STA. 130+00

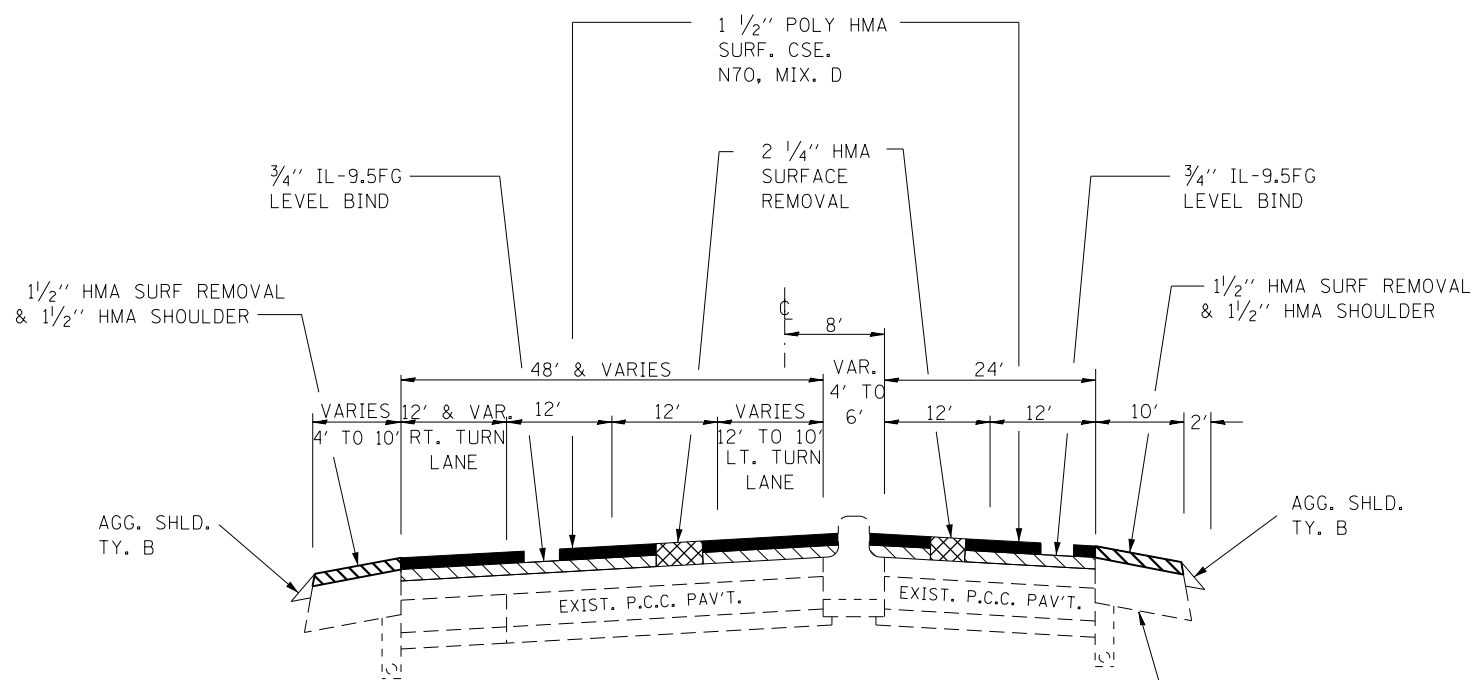
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et:\pwork\pwork\dot\duncanbd\0296614\036607-sh-typical.dgn	DRAWN -	REVISED -	REVISED -					46	(1,12)RS-4	LASALLE	54	14
PLOT SCALE = 5000.0000 / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 66C07							
PLOT DATE = 6/14/2014	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT



TYPICAL SECTION NO. 16
STA. 143+10.67 TO STA. 148+30.15



TYPICAL SECTION NO. 17
STA. 151+91 TO STA. 153+05



TYPICAL SECTION NO. 18
STA. 148+30.15 TO STA. 151+91

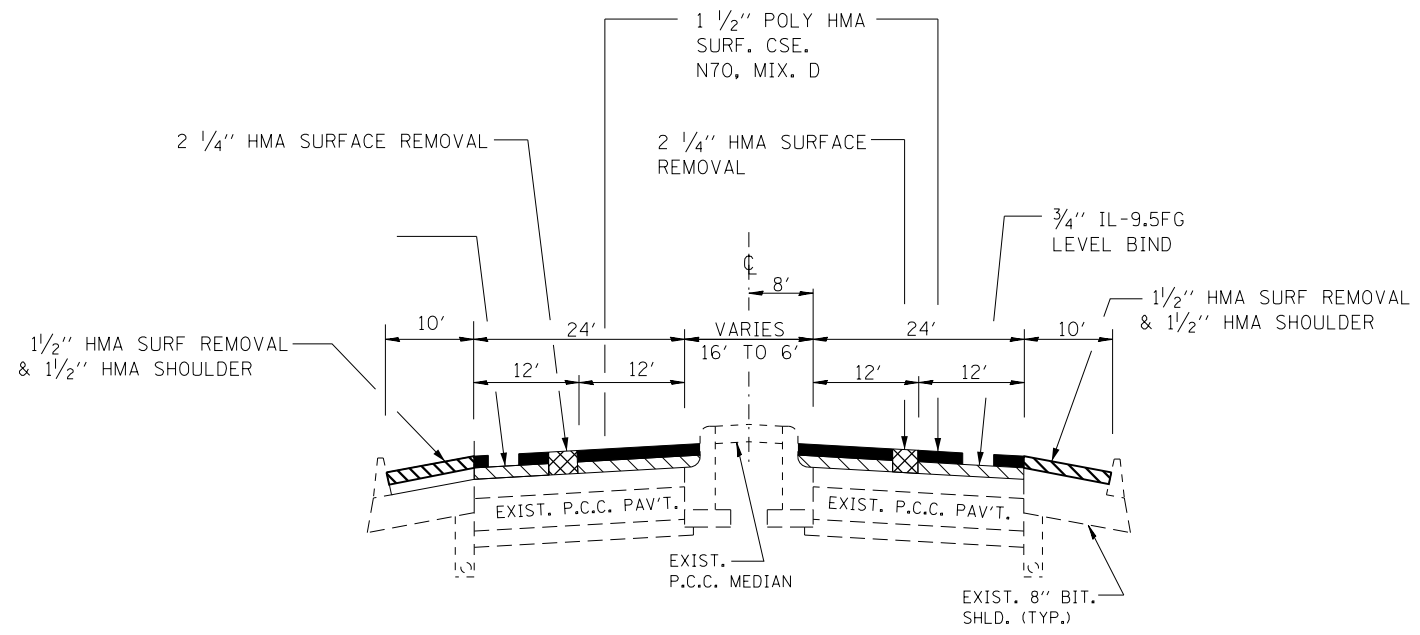
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PLOT SCALE = 5000.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/14/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

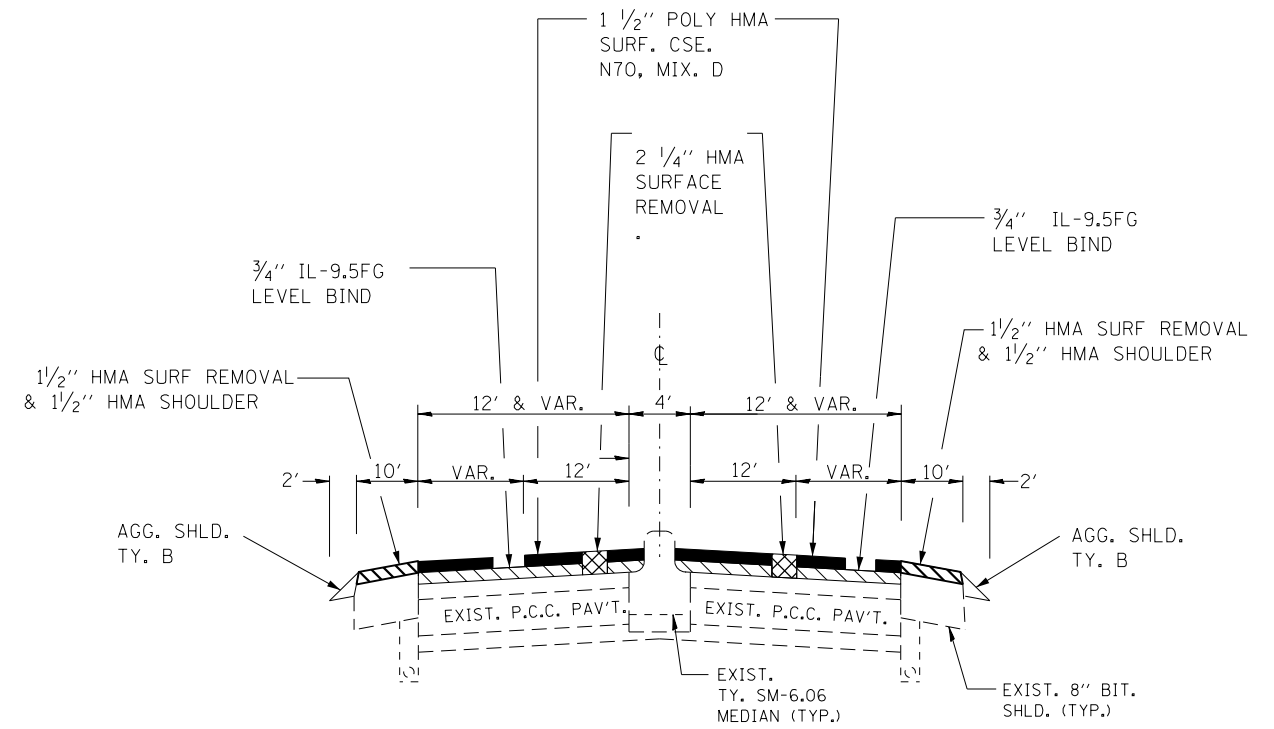
TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	15
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

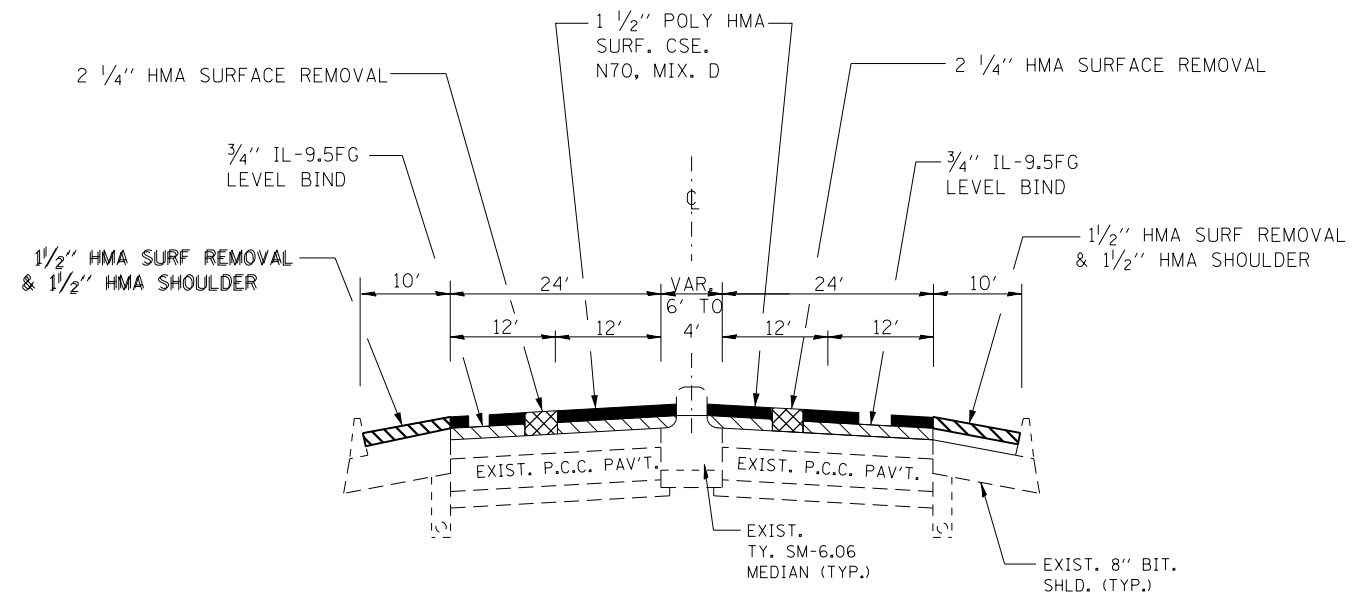


TYPICAL SECTION NO. 19
STA. 153+05 TO STA. 162+01.53



TYPICAL SECTION NO. 20

STA. 175+43.35 TO STA. 176+60
STA. 178+60 TO STA. 187+56
STA. 189+56 TO STA. 193+08.12



TYPICAL SECTION NO. 21

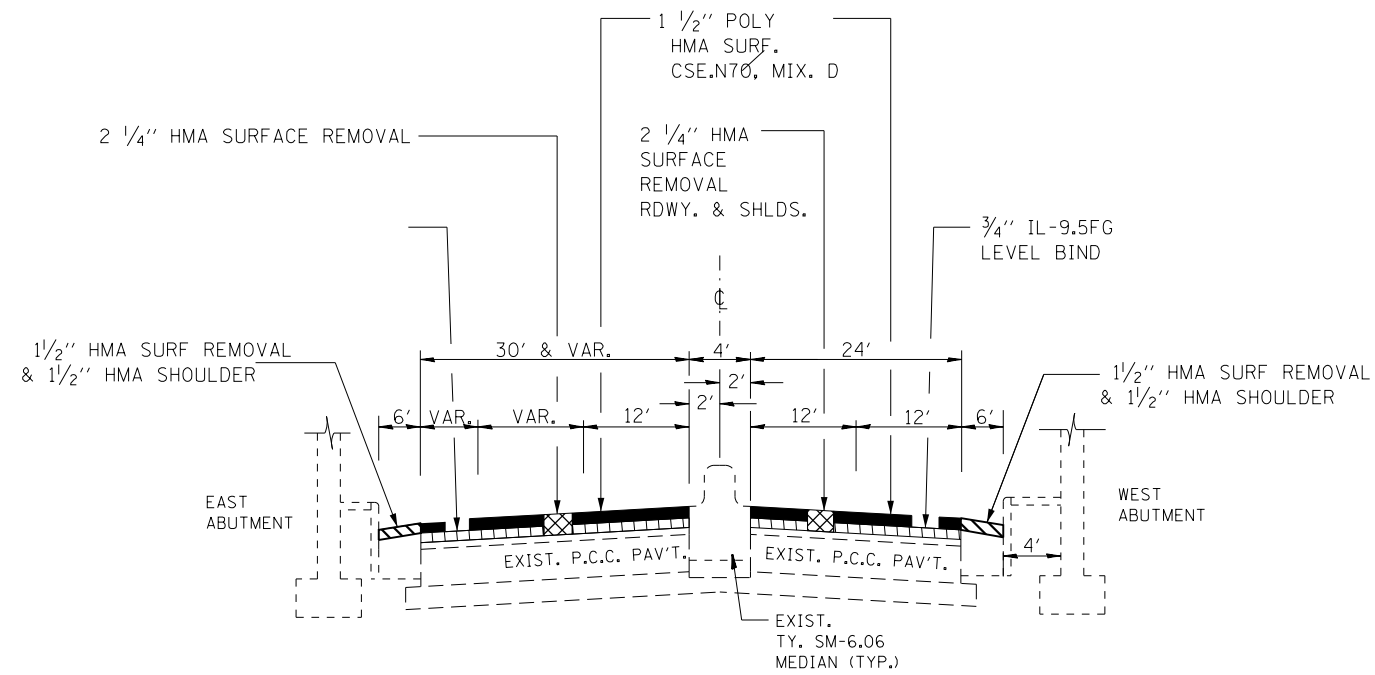
STA. 162+01.53 TO STA. 175+43.35

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

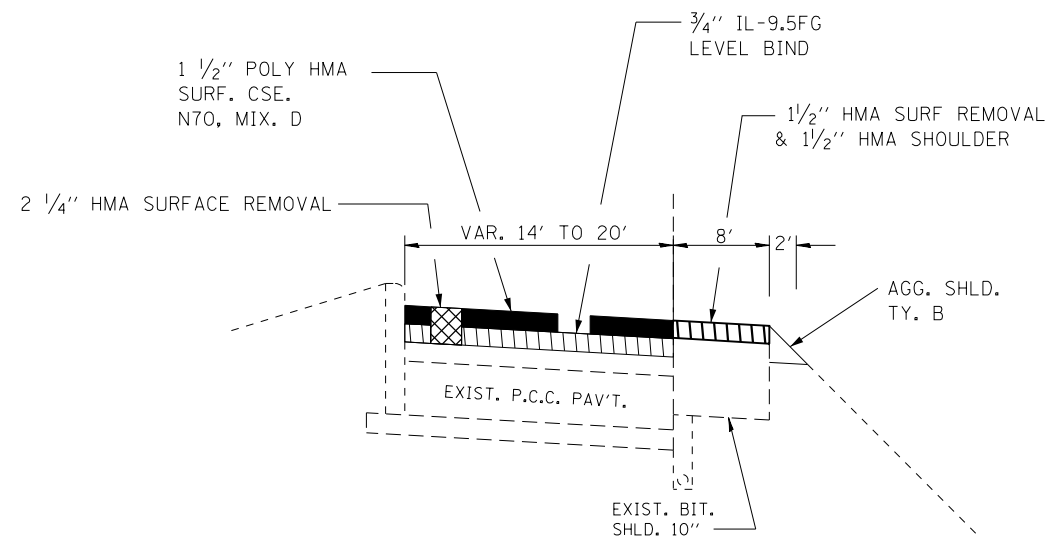
TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	16
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



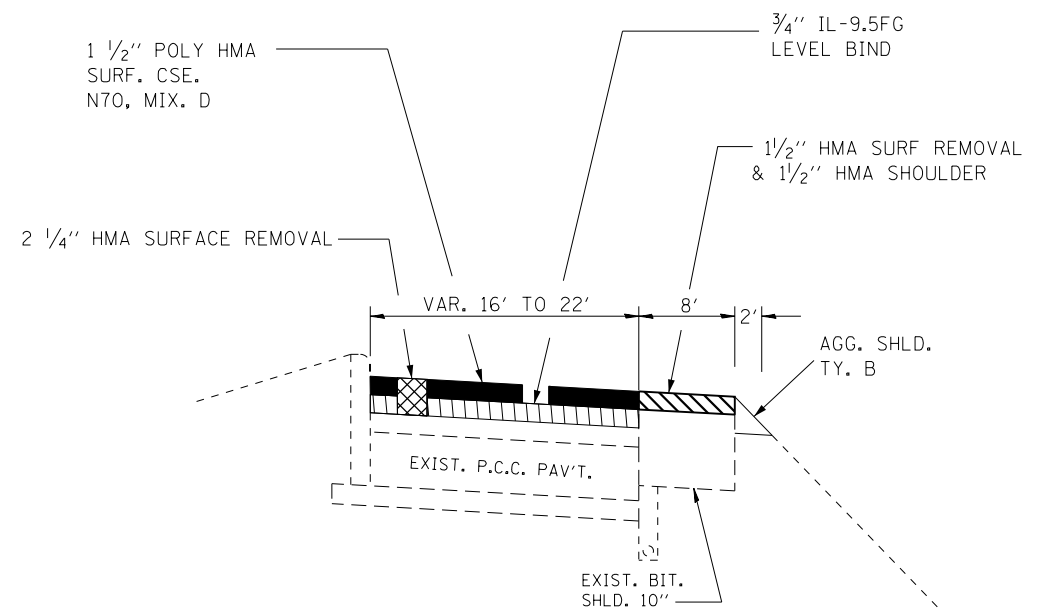
TYPICAL SECTION NO. 22

STA. 176+60 TO STA. 178+60
 STA. 187+56 TO STA. 189+56



TYPICAL SECTION 23

OUTSIDE RAMPS
 RT. 6 & 51 INTERCHANGE



TYPICAL SECTION 24

INSIDE RAMPS
 RT. 6 & 51 INTERCHANGE

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
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PLOT SCALE = 5000.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/14/2014		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	17
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

MAINLINE PAVING SCHEDULE

STA. TO STA.	LENGTH	MAINLINE		HMA SURF	HMA POLY	HMA LEVEL	HMA LEVEL	BIT MAT	MIX JTS	TEMP	AGG SHLDR
		WIDTH	AREA	REMOVAL	SURF CSE	BINDER (MM)	BINDER (HM) N50	PRIME	CRACKS. &	RAMP	TY B
		FT	SQ YD	2 1/4"	MIX D N70	IL 9.5 FG, N70	IL 9.5 FG, N70	COAT	FLANGEWAYS	SQ YD	TON
5+58 TO 10+31	479.0	28 - 36	1703.1	1703.1	143.1	71.5	0.9	1149.6	0.5	33.3	22.9
10+31 TO 12+54	223.0	36.0	892.0	892.0	74.9	37.5	0.4	602.1	0.3	194.5	10.7
12+54 TO 15+42 (COUNCIL RD)	288.0	36 - 50	1376.0	1376.0	115.6	57.8	0.7	928.8	0.4	366.7	13.8
15+42 TO 16+87	145.0	50.0	805.6	805.6	67.7	33.8	0.4	543.8	0.2		6.9
16+87 TO 18+87	200.0	50 - 40	1000.0	1000.0	84.0	42.0	0.5	675.0	0.3		9.6
18+87 TO 20+38	151.0	40 - 46	721.4	721.4	60.6	30.3	0.4	486.9	0.2		7.2
20+38 TO 23+96	358.0	varies	2675.0	2675.0	224.7	112.4	1.3	1805.6	0.8	41.7	17.1
23+96 TO 26+17 (UNYTITE DR)	221.0	varies	1949.0	1949.0	163.7	81.9	1.0	1315.6	0.6	827.8	10.6
26+17 TO 27+20	103.0	90.0	1030.0	1030.0	86.5	43.3	0.5	695.3	0.3		4.9
27+20 TO 29+50	230.0	90 - 84	2223.3	2223.3	186.8	93.4	1.1	1500.7	0.7		11.0
SOUTHBOUND LANE											
29+50 TO 32+80	330.0	24.0	880.0	880.0	73.9	37.0	0.4	594.0	0.3		13.2
32+80 TO 35+30	250.0	24 - 36	833.3	833.3	70.0	35.0	0.4	562.5	0.2		10.0
35+30 TO 36+01	71.0	36.0	284.0	284.0	23.9	11.9	0.1	191.7	0.1		2.8
36+01 TO 36+57	56.0	36 - 46	255.1	255.1	21.4	10.7	0.1	172.2	0.1		2.2
36+57 TO 37+27	70.0	46.0	357.8	357.8	30.1	15.0	0.2	241.5	0.1		2.8
37+27 TO 39+52 (MAY RD / TR283)	225.0	varies	917.8	917.8	77.1	38.5	0.5	619.5	0.3	238.9	
39+52 TO 40+08	56.0	26 -36	192.9	192.9	16.2	8.1	0.1	130.2	0.1		0.9
40+08 TO 40+78	78.0	36.0	312.0	312.0	26.2	13.1	0.2	210.6	0.1		1.2
40+78 TO 43+23 (I-80 WB ON RAMP)	245.0	varies	889.5	889.5	74.7	37.4	0.4	600.4	0.3	244.4	3.9
43+23 TO 47+18.2	395.2	24.0	1053.9	1053.9	88.5	44.3	0.5	711.4	0.3	33.3	6.3
BRIDGE OMISSION SN 050-0077 & 050-0078	218.0									66.7	3.5
49+36.4 TO 49+71	34.6	24.0	92.3	92.3	7.8	3.9	0.0	62.3	0.0		0.6
49+71 TO 52+21	250.0	24 -36	833.3	833.3	70.0	35.0	0.4	562.5	0.2		4.0
52+21 TO 54+14	193.0	36.0	772.0	772.0	64.8	32.4	0.4	521.1	0.2		3.1
54+14 TO 56+44 (I-80 EB OFF RAMP)	230.0	varies	810.5	810.5	68.1	34.0	0.4	547.1	0.2	455.6	
56+44 TO 67+81	1137.0	24.0	3032.0	3032.0	254.7	127.3	1.5	2046.6	0.9		18.1
67+81 TO 70+14	233.0	24 - 48	932.0	932.0	78.3	39.1	0.5	629.1	0.3		3.7
70+14 TO 71+14	100.0	48.0	533.3	533.3	44.8	22.4	0.3	360.0	0.2		1.6
71+14 TO 73+87 (38th STREET)	273.0	varies	1024.7	1024.7	86.1	43.0	0.5	691.7	0.3	318.9	
73+87 TO 87+58	1371.0	24.0	3656.0	3656.0	307.1	153.6	1.8	2467.8	1.1	33.3	21.9
87+58 TO 89+23	165.0	24 - 48	660.0	660.0	55.4	27.7	0.3	445.5	0.2		2.6
89+23 TO 91+90	267.0	48.0	1424.0	1424.0	119.6	59.8	0.7	961.2	0.4		4.3
91+90 TO 94+92 (WENZEL RD)	302.0	varies	1808.7	1808.7	151.9	76.0	0.9	1220.9	0.5	202.8	
94+92 TO 108+32	1340.0	48 - 50	7295.6	7295.6	612.8	306.4	3.6	4924.5	2.2		21.4
108+32 TO 110+23	191.0	24 - 36	636.7	636.7	53.5	26.7	0.3	429.8	0.2		3.0
110+23 TO 111+29.7	88.7	36.0	354.8	354.8	29.8	14.9	0.2	239.5	0.1		1.4
111+29.7 TO 113+98 (MIDWAY RD)	268.3	varies	2020.3	2020.3	169.7	84.9	1.0	1363.7	0.6	652.9	4.3
113+98 TO 119+17.7	519.7	24.0	1385.9	1385.9	116.4	58.2	0.7	935.5	0.4	33.3	
119+00 TO 136+00	1700.0	24.0	4533.3	4533.3	380.8	190.4	2.3	3060.0	1.4		27.1
136+00 TO 138+00	200.0	24 - 26	555.6	555.6	46.7	23.3	0.3	375.0	0.2		3.2
138+00 TO 141+21	321.0	26.0	927.3	927.3	77.9	38.9	0.5	626.0	0.3		5.1
141+21 TO 144+68	347.0	48 - 26	1426.6	1426.6	119.8	59.9	0.7	963.0	0.4		5.5
144+68 TO 147+09	241.0	48.0	1285.3	1285.3	108.0	54.0	0.6	867.6	0.4		3.8
147+09 TO 149+78 (SHOOTING PARK RD)	269.0	varies	2210.0	2210.0	185.6	92.8	1.1	1491.8	0.7	377.6	4.3
149+78 TO 178+50	2872.0	24.0	7658.7	7658.7	643.3	321.7	3.8	5169.6	2.3	33.3	45.8
178+50 TO 193+22	1472.0	12.0	1962.7	1962.7	164.9	82.4	1.0	1324.8	0.6	36.1	23.5
TOTALS			68183.2	68183.2	5727.4	2863.7	34.1	46023.6	20.5	4191.1	369.7

MAINLINE PAVING SCHEDULE											
STA. TO STA.	LENGTH	MAINLINE		HMA SURF	HMA POLY	HMA LEVEL	HMA LEVEL	BIT MAT	MIX JTS	TEMP	AGG SHLDR
		WIDTH	AREA	REMOVAL	SURF CSE	BINDER (MM)	BINDER (HM)	PRIME	CRACKS. &	RAMP	TY B
	FT	FT	SQ YD	2 1/4"	MIX D N70	IL 9.5 FG, N70	IL 9.5 FG, N70	COAT	FLANGEWAYS	SQ YD	TON
NORTHBOUND LANE											
25+63 TO 27+19.5	156.5	48	834.7	834.7	70.11	35.06	0.42	563.40	0.25		
27+19.5 TO 28+28	108.5	48 - 42	542.5	542.5	45.57	22.79	0.27	366.19	0.16		
28+28 TO 29+28	100	42 - 32	411.1	411.1	34.53	17.27	0.21	277.49	0.12		
29+28 TO 30+61	133	varies	777.0	777.0	65.27	32.63	0.39	524.48	0.23		
30+61 TO 32+17	156	38	658.7	658.7	55.33	27.66	0.33	444.60	0.20	75.0	
32+17 TO 34+17	200	38 - 24	688.9	688.9	57.87	28.93	0.34	465.01	0.21		
34+17 TO 36+66	249	24	664.0	664.0	55.78	27.89	0.33	448.20	0.20		4.1
36+66 TO 39+21 MAY RD	255	varies	1935.1	1935.1	162.55	81.27	0.97	1306.19	0.58		
39+21 TO 40+69	148	varies	818.7	818.7	68.77	34.39	0.41	552.62	0.25		2.8
40+69 TO 42+43.5 (I-80 WB OFF RAMP)	174.5	varies	763.7	763.7	64.15	32.08	0.38	515.50	0.23	498.6	
42+43.5 TO 44+32.7	189.2	36	756.8	756.8	63.57	31.79	0.38	510.84	0.23	33.3	2.7
44+32.7 TO 46+00	167.3	36 - 26.5	580.9	580.9	48.80	24.40	0.29	392.11	0.17		1.9
46+00 TO 47+17.8	117.8	26.5 - 24	330.5	330.5	27.76	13.88	0.17	223.09	0.10		4.7
BRIDGE OMISSION SN 050-0077& 050-0078										66.7	
49+35.8 TO 54+14	478.2	24	1275.2	1275.2	107.12	53.56	0.64	860.76	0.38		19.1
54+14 TO 55+97 I-80 EB ON RAMP	183	varies	644.8	644.8	54.16	27.08	0.32	435.24	0.19	305.6	7.3
55+97 TO 57+97	200	36	800.0	800.0	67.20	33.60	0.40	540.00	0.24		
57+97 TO 60+22	225	36 - 24	750.0	750.0	63.00	31.50	0.38	506.25	0.23		1.4
60+22 TO 71+00	1078	24	2608.0	2608.0	219.07	109.54	1.30	1760.40	0.78		17.2
71+00 TO 73+87 (38TH RD)	287	varies	2228.5	2228.5	187.19	93.60	1.11	1504.24	0.67	352.8	
73+87 TO 75+50	163	48	869.3	869.3	73.02	36.51	0.43	586.78	0.26		2.6
75+50 TO 77+00	150	48-24	600.0	600.0	50.40	25.20	0.30	405.00	0.18		2.4
77+00 TO 92+24	1524	24	4064.0	4064.0	341.38	170.69	2.03	2743.20	1.22	33.3	24.3
92+24 TO 94+98 IWENZEL RD)	274	varies	2252.5	2252.5	189.21	94.61	1.13	1520.44	0.68	334.8	
94+98 TO 98+00	302	48-36	1409.3	1409.3	118.38	59.19	0.70	951.28	0.42		4.8
98+00 TO 101+70	370	36-24	1233.3	1233.3	103.60	51.80	0.62	832.48	0.37		5.9
101+70 TO 111+57	987	24	2632.0	2632.0	221.09	110.54	1.32	1776.60	0.79		15.7
111+57 TO 113+26 (MIDWAY RD)	169	varies	718.0	718.0	60.31	30.16	0.36	484.65	0.22		
113+26 TO 117+61	435	36-24	1602.0	1602.0	134.57	67.28	0.80	1081.35	0.48		6.9
117+61 TO 119+17.7 STN EQN	156.7	24	417.9	417.9	35.10	17.55	0.21	282.08	0.13	33.3	2.5
119+00 TO 135+00	1600	24	4266.7	4266.7	358.40	179.20	2.13	2880.00	1.28		25.5
135+00 TO 146+63	1163	24-27	3295.2	3295.2	276.80	138.40	1.65	2224.26	0.99		18.5
146+63 TO 149+55 (SHOOTING PARK RD)	292	varies	2325.0	2325.0	195.30	97.65	1.16	1569.38	0.70	400.0	
149+55 TO 150+76	121	48	645.3	645.3	54.21	27.10	0.32	435.60	0.19		1.9
150+76 TO 151+90	114	48-42	570.0	570.0	47.88	23.94	0.29	384.75	0.17		1.8
151+90 TO 153+05	115	42-24	421.7	421.7	35.42	17.71	0.21	284.65	0.13		1.8
153+05 TO 175+50	2245	24	5986.7	5986.7	502.88	251.44	2.99	4041.00	1.80	33.3	35.8
175+50 TO 180+31	481	24-38	1656.8	1656.8	139.17	69.59	0.83	1118.34	0.50		7.7
180+31 TO 189+81	950	24	2533.3	2533.3	212.80	106.40	1.27	1709.98	0.76		15.1
189+81 TO 193+22	341	14	530.4	530.4	44.55	22.28	0.27	358.02	0.16	37.5	5.4
TOTAL			56098.4	56098.4	4712.3	2356.1	28.0	37866.4	16.8	2204.2	239.9

RAMP & SIDEROAD PAVING SCHEDULE											
STA. TO STA.	AREA	HMA SURF REMOVAL 2 1/4"	HMA SURF REMOVAL 1 1/2"	BIT MAT PRIME COAT	HMA LEVEL BINDER (MM) IL 9.5 FG, N70	HMA LEVEL BINDER (HM) IL 9.5 FG, N70	MIX JTS CRACKS. & FLANGEWAYS	POLY HMA SURF CSE MIX MIX "D" N70	HMA SHLDS	TEMP RAMP	AGG SHOULDER TY B
	SQ YD	SQ YD	SQ YD	POUND	TONS	TONS	TONS	TONS	TON	SQ YD	TON
US 6 / IL 251 NW QUAD	5300.0	3417.0	1883.0	3153.8	143.5	1.7	1.6	287.0	1581.7	122.6	31.1
US 6/ IL 251 SW QUAD	4442.0	3023.0	1419.0	2679.1	127.0	1.5	1.3	253.9	1192.0	144.0	24.7
US 6/ IL 251 NE QUAD	4546.0	2828.0	1718.0	2682.0	118.8	1.4	1.4	237.6	1443.1	128.0	34.2
US 6/ IL 251 SE QUAD	3233.0	2182.0	1051.0	1945.8	91.6	1.1	1.0	183.3	882.8	160.0	24.1
TOTAL	17521.0	11450	6071	10461	481	6	5	962	5100	555	114

SIDEROAD & ENTRANCES SCHEDULE											
MAINLINE STATION	SIDE	LOCATION	TYPE	LENGTH	AREA	HMA	HMA LEVEL	POLY HMA	BIT	PRISMATIC	
				FROM EOP		SURF REM 2 1/4"	BINDER (MM) IL 9.5 N70	SURF CSE MIX "D" N70	MAT PR CT	CURB REFL	
				FT	SQ YD	SQ YD	TONS	TONS	POUND	EACH	
14+52	LT	COUNCIL DR.	HMA	72.0	691.0	691.0	29.0	58.0	466.4	9	
20+64	LT	CE (WALMART)	HMA	45.0	68.0	68.0	2.9	5.7	45.9	3	
24+83	LT	UNITYTE DR	HMA	72.0	616.6	616.6	25.9	51.8	416.2	8	
24+91	RT	UNITYTE DR	HMA	125.0	860.9	860.9	36.2	72.3	581.1	0	
29+98	RT	CE (KOHLS)	HMA	70.0	247.2	247.2	10.4	20.8	166.9	9	
38+05	LT	MAY RD	CONC	0.0	0.0	0.0	0.0	0.0	0.0	18	
38+08	RT	MAY RD / TR 283	HMA	115.0	1740.0	1740.0	73.1	146.2	1174.5	12	
41+20	LT	I-80 WB ON RAMP	HMA	110.0	322.0	322.0	13.5	27.0	217.4	0	
41+24	RT	I-80 WB OFF RAMP	CONC	0.0	0.0	0.0	0.0	0.0	0.0	0	
55+29	LT	I-80 EB OFF RAMP	HMA	120.0	567.7	567.7	23.8	47.7	383.2	0	
55+29	RT	I-80 EB ON RAMP	HMA	90.0	410.0	410.0	17.2	34.4	276.8	0	
63+00	MID	MEDIAN CROSSOVER	HMA	30.0	173.3	173.3	7.3	14.6	117.0	0	
72+44.5	LT	38TH ST	HMA	140.0	1350.0	1350.0	56.7	113.4	911.3	18	
72+44.5	RT	38TH ST	HMA	140.0	1310.0	1310.0	55.0	110.0	884.3	16	
93+36	LT	WENZEL RD	HMA	74.0	1027.0	1027.0	43.1	86.3	693.2	12	
93+36	RT	WENZEL RD	HMA	86.0	1219.0	1219.0	51.2	102.4	822.8	20	
112+62	RT	MIDTOWN RD	HMA	84.0	973.0	973.0	40.9	81.7	656.8	0	
148+30	LT	SHOOTING PARK RD	HMA	130.0	2325.0	2325.0	97.7	195.3	1569.4	22	
148+30	RT	SHOOTING PARK RD	HMA	130.0	2210.0	2210.0	92.8	185.6	1491.8	20	
TOTALS						16110.7	16111	677	1353	10875	167

PATCHING SCHEDULE					
MAINLINE STATION	CLASS D PATCHING				
	LANE	LENGTH	TYPE 2	TYPE 3	TYPE 4
		FT	SQ YD	SQ YD	SQ YD
NORTHBOUND LANE					
20+75	LT/RT	6.0		16.0	
21+75	LT/RT	6.0		16.0	
26+00	LT	6.0	8.0		
37+00	LT/RT	6.0		16.0	
37+20	LT/RT	6.0		16.0	
46+50	LTL	8.0	14.2		
52+00	RT	6.0	8.0		
62+00	LT	6.0	8.0		
64+50	LT	6.0	8.0		
78+00	LT/RT			16.0	
98+40	RT	6.0	8.0		
98+50	LT	6.0	8.0		
109+50	LT/RT			16.0	
123+00	LT/RT				26.7
127+50	LT/RT			16.0	
128+00	LT	6.0	8.0		
145+00	RT	6.0	8.0		
145+20	LT	6.0	8.0		
152+00	LT/RT/TL				26.7
154+00	LT/RT			16.0	
156+00	RT	6.0	8.0		
162+25	LT	6.0	8.0		
163+00	RT	6.0	8.0		
175+00	LT/RT			16.0	
183+50	LT	6.0	8.0		
191+50	DL		9.3		
TOTALS			128	144	53

PRISMATIC CURB REFLECTORS				
LOCATION			AMBER	CRYSTAL
			EACH	EACH
38+52 TO 41+53	MEDIAN		22	0
42+24 TO 47+18	MEDIAN		31	0
49+36 TO 55+54	MEDIAN		31	0
71+60 TO 73+25	MEDIAN		18	0
92+40 TO 94+40	MEDIAN		12	0
130+00 TO 147+85	MEDIAN		94	0
148+80 TO 193+00	MEDIAN		225	0
COUNCIL DRIVE	ISLAND		0	9
WALMART CE	ISLAND		0	3
KOHL'S CE	ISLAND		0	8
MAY RD	ISLAND		0	39
38th STREET	ISLAND		0	37
WENZEL RD	ISLAND		0	43
SHOOTING PARK RD	ISLAND		0	46
TOTALS			433	185

PATCHING SCHEDULE					
MAINLINE STATION	CLASS D PATCHING				
	LANE	LENGTH	TYPE 2	TYPE 3	TYPE 4
		FT	SQ YD	SQ YD	SQ YD
SOUTHBOUND LANE					
29+50	RT	6.0	8.0		
35+00	LT/RT/TL	6.0		24.0	
35+20	LT/RT/TL	6.0		24.0	
39+00	LT/RT	6.0		18.7	
54+50	RT	6.0	8.0		
77+00	LT/RT	6.0		16.0	
91+50	RT	6.0	8.0		
91+50	LT	12.0		16.0	
91+75	RT TL	6.0		16.0	
98+00	LT	20.0			26.7
98+50	RT	14.0		18.7	
109+00	LT/RT	6.0		16.0	
132+50	LT	6.0		16.0	
135+50	LT/RT	12.0			32.0
135+70	LT	6.0	8.0		
141+30	LT	10.0	13.3		
141+50	LT/RT	6.0		16.0	
157+00	LT	6.0	8.0		
164+00	RT	6.0	8.0		
164+25	LT	6.0	8.0		
172+00	LT/RT	6.0		16.0	
176+00	RT	6.0	8.0		
187+00	LT	6.0	8.0		
TOTALS			85	197	59

HMA SHOULDER SCHEDULE					
STA. TO STA.	OUTSIDE SHOUDLER	MEDIAN SHOULDER	HMA SURF REMOVAL 1 1/2"	BIT MAT PRIME COAT	HMA SHOULDER
	SQ YD	SQ YD	SQ YD	POUND	TON
NORTHBOUND					
5+51 TO 14+52	233.0	0.0	233.0	104.9	19.6
14+52 TO 24+92	0.0	0.0	0.0	0.0	0.0
24+92 TO 38+08	175.0	0.0	175.0	78.8	14.7
38+08 TO 47+18	671.3	0.0	671.3	302.1	56.4
49+36 TO 72+45	2295.5	1061.3	3356.8	1510.6	282.0
72+45 TO 93+36	1945.3	1213.8	3159.1	1421.6	265.4
93+36 TO 112+62	1845.9	1028.8	2874.7	1293.6	241.5
112+62 TO 148+30	3828.9	1014.8	4843.7	2179.7	406.9
148+30 TO 178+50	3033.6	0.0	3033.6	1365.1	254.8
NORTHBOUND TOTAL	14028.5	4318.7	18347.2	8256.2	1541.2
SOUTHBOUND					
5+51 TO 14+52	243.3	0.0	243.3	109.5	20.4
14+52 TO 24+92	311.0	0.0	311.0	140.0	26.1
24+92 TO 38+08	372.3	0.0	372.3	167.5	31.3
38+08 TO 47+18	585.6	0.0	585.6	263.5	49.2
49+36 TO 72+45	2220.5	1003.5	3224.0	1450.8	270.8
72+45 TO 93+36	1804.5	1186.3	2990.8	1345.9	251.2
93+36 TO 112+62	1752.5	1183.3	2935.8	1321.1	246.6
112+62 TO 148+30	3542.7	1091.5	4634.2	2085.4	389.3
148+30 TO 178+50	3236.7	0.0	3236.7	1456.5	271.9
SOUTHBOUND TOTAL	14069.1	4464.6	18533.7	8340.2	1556.8
TOTALS	28097.6	8783.3	36881	16596	3098

ADA RAMP SCHEDULE									
STA. TO STA.	SIDEWALK REMOVAL	4" PCC SIDEWALK	COMBO CC&G REMOVAL	CONC CC&G SPECIAL	DETECTABLE WARNING	ISLAND PAVEMENT REMOVAL	PCC ISLAND PAVEMENT	SOD SALT TOLERANT	EARTH EX
	SQ FT	SQ FT	FEET	FEET	SQ FT	SQ YD	SQ FT	SQ YD	CU YD
SHOOTING PARK RD NW QUAD	140.0	140.0	12.0	12.0	40.0	18.2	752.0	9.1	1.5
SHOOTING PARK RD NE QUAD	150.0	160.0	12.0	12.0	40.0	35.4	686.0	8.4	1.4
SHOOTING PARK RD SW QUAD	223.5	225.0	12.0	12.0	40.0	3.4	455.0	11.3	1.9
SHOOTING PARK RD SE QUAD	125.0	125.0	12.0	12.0	40.0	11.6	470.7	7.6	1.3
US 6 AREA "A"	117.0	130.0	12.0	12.0	10.0	0.0	0.0	8.0	1.3
US 6 AREA "B"	70.0	70.0	6.0	6.0	8.0	0.0	0.0	6.2	1.0
US 6 AREA "C"	70.0	70.0	6.0	6.0	8.0	0.0	0.0	6.2	1.0
US 6 AREA "D"	80.0	80.0	16.0	16.0	10.0	0.0	0.0	5.3	0.9
US 6 AREA "E"	117.0	130.0	16.0	16.0	10.0	0.0	0.0	7.6	1.3
US 6 AREA "F" & "G"	189.0	210.0	14.0	14.0	16.0	0.0	0.0	18.7	3.1
US 6 AREA "H"	112.5	125.0	16.0	16.0	10.0	0.0	0.0	6.7	1.1
US 6 AREA "I"	150.0	150.0	30.0	30.0	10.0	0.0	0.0	7.8	1.3
US 6 AREA "J"	60.0	60.0	8.0	8.0	8.0	0.0	0.0	5.3	0.9
US 6 AREA "K"	60.0	60.0	8.0	8.0	8.0	0.0	0.0	5.3	0.9
US 6 AREA "L"	400.0	340.0	44.0	44.0	10.0	0.0	0.0	20.0	3.3
US 6 AREA "M"	140.0	140.0	20.0	20.0	10.0	0.0	0.0	8.0	1.3
US 6 AREA "P"	130.0	130.0	26.0	26.0	10.0	0.0	0.0	7.6	1.3
TOTALS	2334.0	2345.0	270.0	270.0	288.0	68.6	2363.7	149.1	24.9

DECTECTOR LOOPS		
LOCATION	DECTECTOR LOOP, TY 1	DECTECTOR LOOP TEST
	FEET	EACH
UNYTITE DRIVE	1672	1
MAY/ LASALLE RD	986	1
I-80 WB	1032	1
I-80 EB	952	1
38TH ST	1712	1
WENZEL RD	1738	1
MIDWAY RD	1046	1
SHOOTING PARK RD	2164	1
TOTAL	11302	8

TIE POINTS					
ILL RTE. 251		LASALLE COUNTY 0.8 MI N OF I-80 TO S OF US 6 IN PERU			
GPS POINT NUMBER OR INDEX NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
251311	NE CORNER SECTION 32 T34N R1E 3RD PM	BRASS PLAQUE	TYPE 1	YES	1
251310	E QTR CORNER SECTION 32 T34N R1E 3RD PM	PK NAIL	TYPE 1	YES	1
251304	SW CORNER SECTION 4 T33N R1E 3RD PM	BRASS DISK	TYPE 1	YES	1

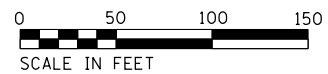
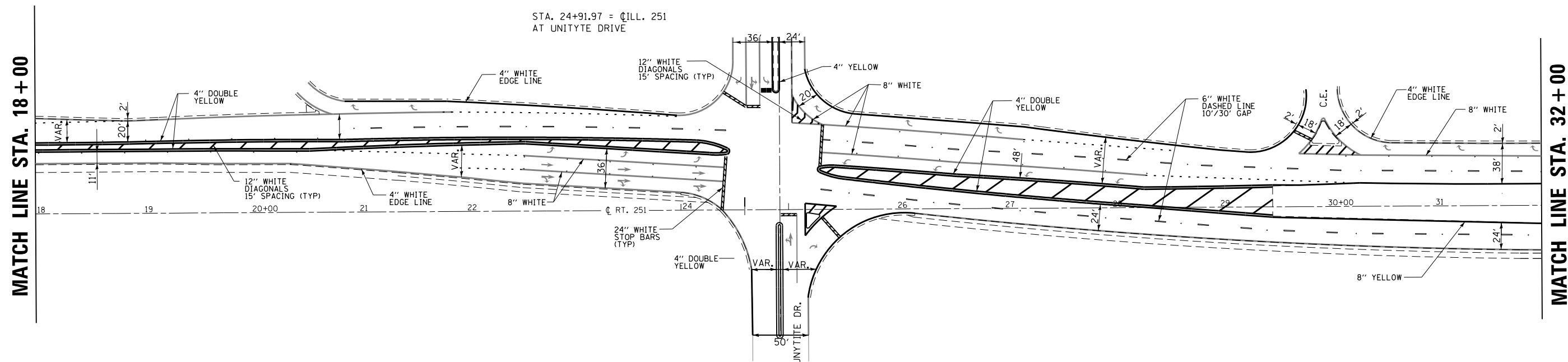
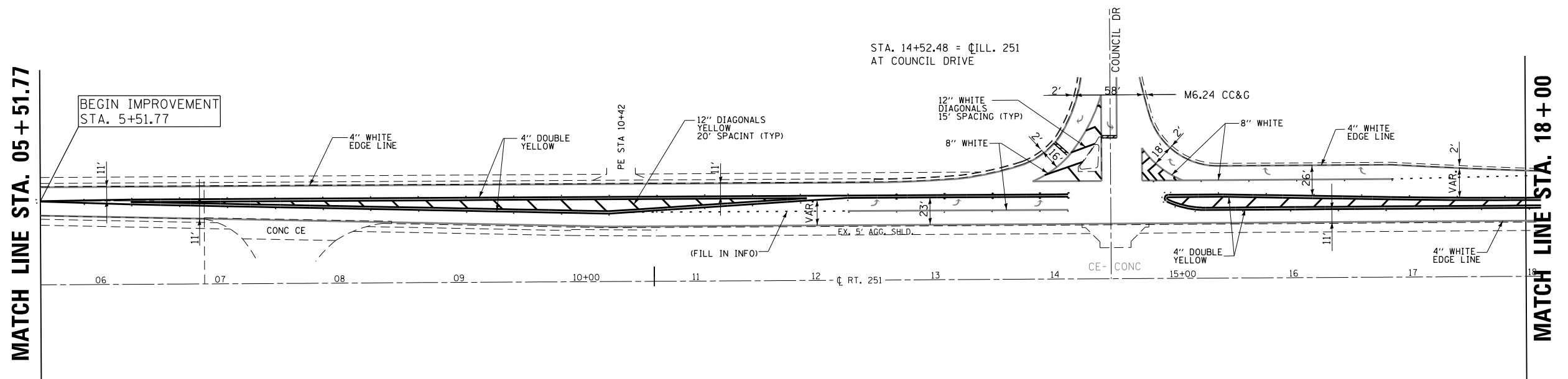
THIS NOTE TO BE INCLUDED IN PLANS:
LISTED MONUMENT LOCATIONS HAVE BEEN RECORDED BY GPS. PRE CONSTRUCTION TIES BY THE R.E. ARE NOT REQUIRED.
IF AN UNLISTED MONUMENT IS FOUND, IT MUST BE TIED BY THE R.E. AND BROUGHT TO THE ATTENTION OF THE PLATS AND PLANS MANAGER.
AFTER RESURFACING, THE R.E. IS TO CONTACT THE PLATS AND PLANS MANAGER TO ESTABLISH LOCATIONS FOR PERMANENT SURVEY MARKER CORING.

RESPONSIBILITY:
1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

CONTRACT 66C07
FOLDER 251-12

PAVEMENT MARKINGS

STA. TO STA.	POLYUREA TYPE 1								AMBER RAISED REFL PAVT MARK EACH	CLEAR RAISED REFL PAVT MARK EACH	TEMPORARY					SHORT TERM (3 APP) FOOT	
	4"		6"	8"	12"		24"	LETTERS & SYMBOLS SQ FT			4"	6"	8"	12"	24"		LETTERS & SYMBOLS SQ FT
	YELLOW	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE										
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT										
SOUTHBOUND																	
5+51 - 14+52	1395	901		211	236	236		46.8	23	4	4592	0	422	944	0	93.6	1240.2
14+52 - 24+92	1922	948	90	436	358		54	159.3	28	10	5740	180	872	716	108	318.6	1569
24+92 - 38+06	1179	1682	620	409	406		38	78	10	20	5722	1240	818	812	76	156	1723.5
38+06 - 42+00	312	190	100	147			25	31.2		13	1004	200	294	0	50	62.4	313.8
42+00 - 47+23	494	544	140							4	2076	280	0	0	0	0	353.4
47+23 - 55+00	737	763	190	550			43	46.8		17	3000	380	1100	0	86	93.6	914.4
55+00 - 72+45	1648	1486	430	418			42	93.6		27	6268	860	836	0	84	187.2	1395.6
72+45 - 93+35	2020	1804	500	780			44	93.6		41	7648	1000	1560	0	88	187.2	1844.4
93+35 - 112+62	1868	1652	470	197			26	46.8		28	7040	940	394	0	52	93.6	1362
112+62 - 148+35	3525	3309	880	845			38	46.8		56	13668	1760	1690	0	76	93.6	2889.6
148+35 - 175+00	2620	2506	660					46.8		32	10252	1320	0	0	0	93.6	1735.8
175+00 - 193+22	416	1124	40	1715		302					3080	80	3430	604	0	0	1774.8
SOUTHBOUND SUBTOTAL	18136	16909	4120	5708	1000	538	310	689.7	61	252	70090	8240	11416	3076	620	1379.4	17116.5
NORTHBOUND																	
5+51 - 14+52	1395	776							23		4342	0	0	0	0	0	651.3
14+52 - 24+92	1922	874		374				78	24	3	5592	0	748	0	0	156	1063.2
25+92 - 38+06	957	1676	620	805			38	156	10	23	5266	1240	1610	0	76	312	1527.3
38+06 - 42+00	312	112	90	425				62.4		12	848	180	850	0	0	124.8	409.2
42+00 - 47+23	500	528	140	291			37	46.8		10	2056	280	582	0	74	93.6	591.6
47+23 - 55+00	737	769	190							9	3012	380	0	0	0	0	508.8
55+00 - 72+45	1714	1502	420	253				46.8		27	6432	840	506	0	0	93.6	1242.6
72+45 - 93+35	2027	1836	500	432			42	93.6		32	7726	1000	864	0	84	187.2	1643.7
93+35 - 112+62	1865	1762	470	791			42	109.2		36	7254	940	1582	0	84	218.4	1779.3
112+62 - 148+35	3525	3361	880	256			42	46.8		56	13772	1760	512	0	84	93.6	2559
148+35 - 175+00	2620	2543	660	234			38	93.6		37	10326	1320	468	0	76	187.2	1955.7
175+00 - 193+22	1850	1124	370	2713	370			93.6			5948	740	6166	740	0	187.2	2964
NORTHBOUND SUBTOTAL	19424	16863	4340	6574	370	0	239	826.8	57	245	72574	8680	13888	740	478	1653.6	16895.7
SIDERoads/ ENTERANCES/ RAMPS																	
COUNCIL ST	144	258		357		162	30	60.8			804	0	714	324	60	121.6	534.6
CE STA 20+64 (EAST)		76									152	0	0	0	0	0	22.8
CE STA 29+78 (EAST)		169		96		54	18				338	0	192	108	36	0	189.3
UNYTITE DR (EAST)		214		308		97	48	114.4			428	0	616	194	96	228.8	422.7
UNYTITE DR (WEST)	252	274		160		70	36	83.2			1052	0	320	140	72	166.4	381.6
MAY RD (EAST)	220	342		419		92	56	31.2			1124	0	838	184	112	62.4	603.6
N30th ST / LASALLE RD (WEST)	134	203		234		37	20				674	0	468	74	40	0	310.8
38th ST (EAST)	220	415		383		69	24	46.8		3	1270	0	766	138	48	93.6	525.6
38th ST (WEST)	220	309		366		69	46	88.4		3	1058	0	732	138	92	176.8	523.2
WENZEL RD (EAST)	120	242		351		130	48	84.3		5	724	0	702	260	96	168.6	522.6
WENZEL RD (WEST)	140	240		412		135	26	69.8		5	760	0	824	270	52	139.6	529.5
MIDWAY RD	196	378		373		203	46	62.4			1148	0	746	406	92	124.8	661.5
SHOOTING PARK RD (EAST)	176	382	328	438		136	78	62.4		8	1116	656	876	272	156	124.8	791.4
SHOOTING PARK RD (WEST)	200	385		388		128	74	85.4		8	1170	0	776	256	148	170.8	656.7
US 6 RAMP INTERCHANGE	6135	3511		2896		420				106	19292	0	5792	840	0	0	5009.4
SIDERoad/ RAMP TOTAL	8157	7398	328	7181	0	1802	550	789.1	0	138	31110	656	14362	3604	1100	1578.2	11685.3
TOTAL	45717	41170	8788	19463	1370	2340	1099	2305.6	118	635	173774	17576	39666	7420	2198	4611.2	45698

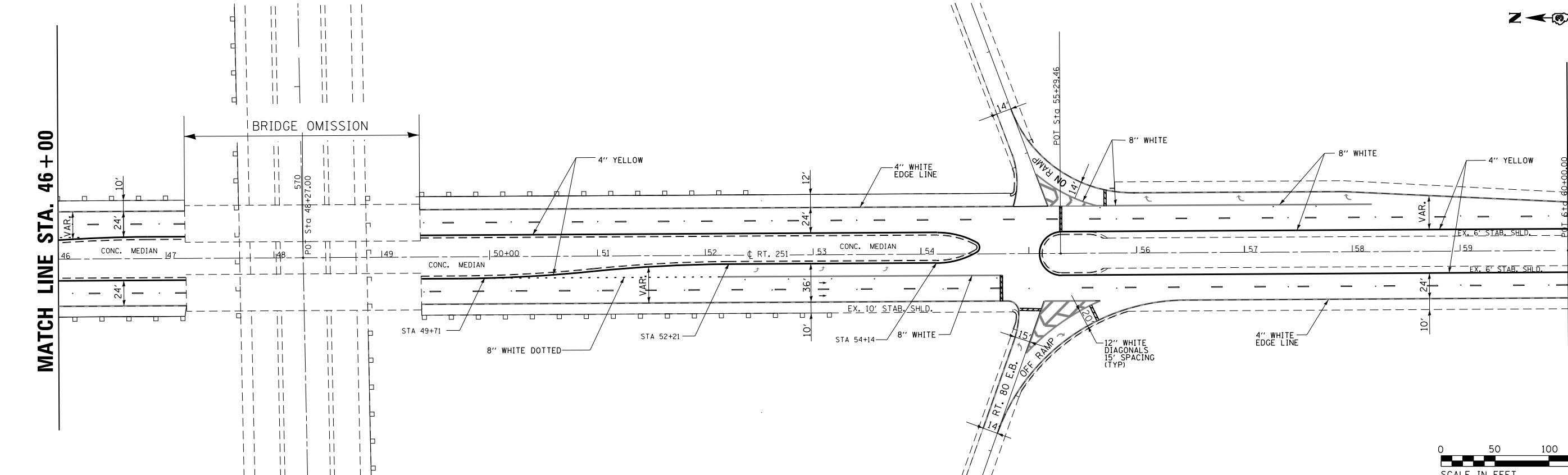
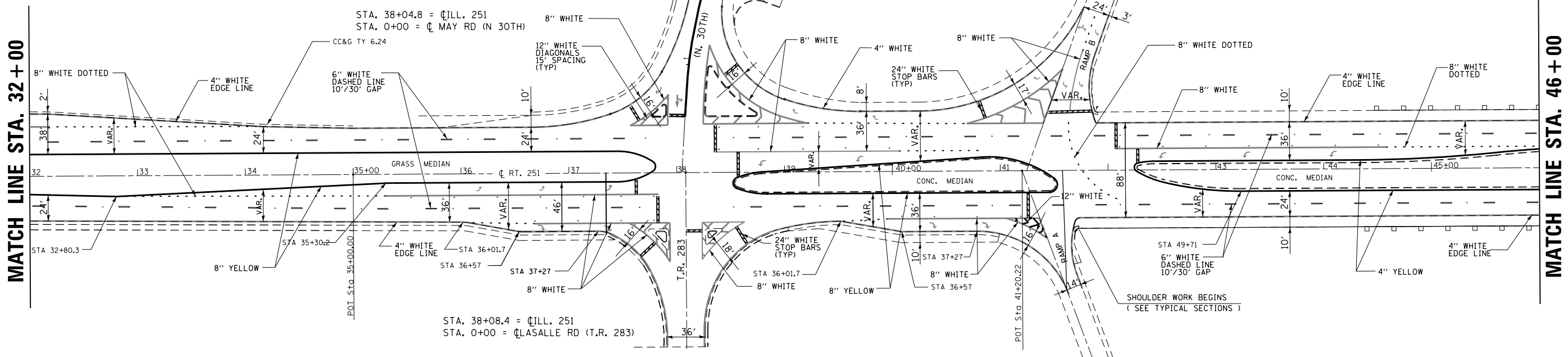


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	PLOT DATE = 6/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12RS-4	LASALLE	54	24
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



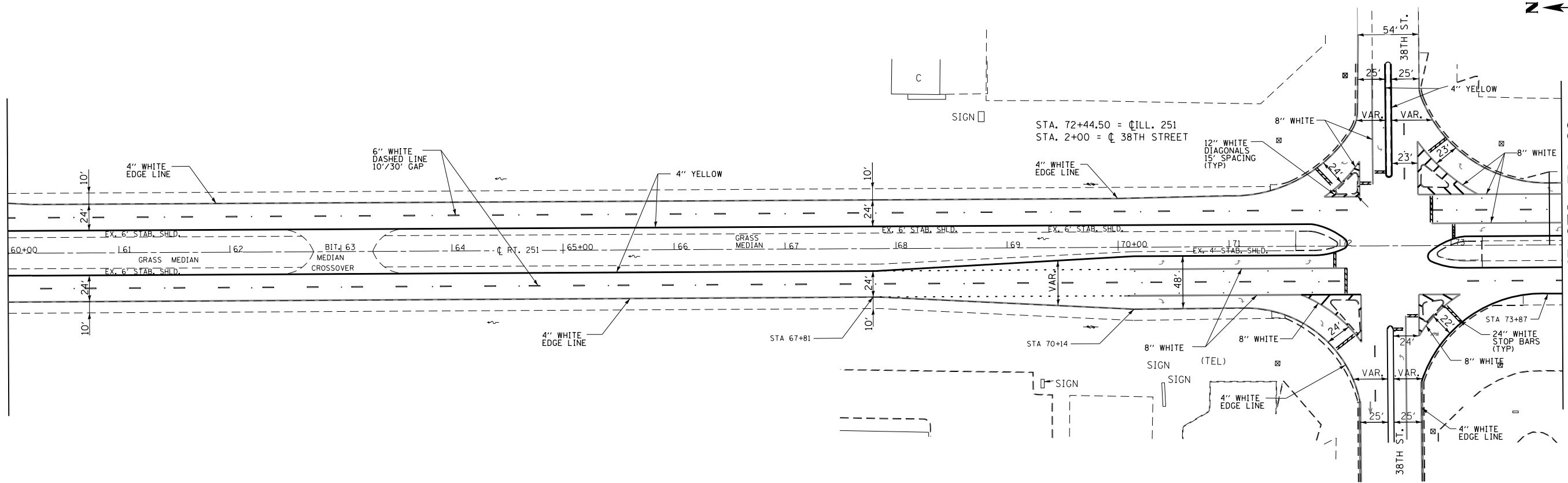
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	PLOT DATE = 6/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

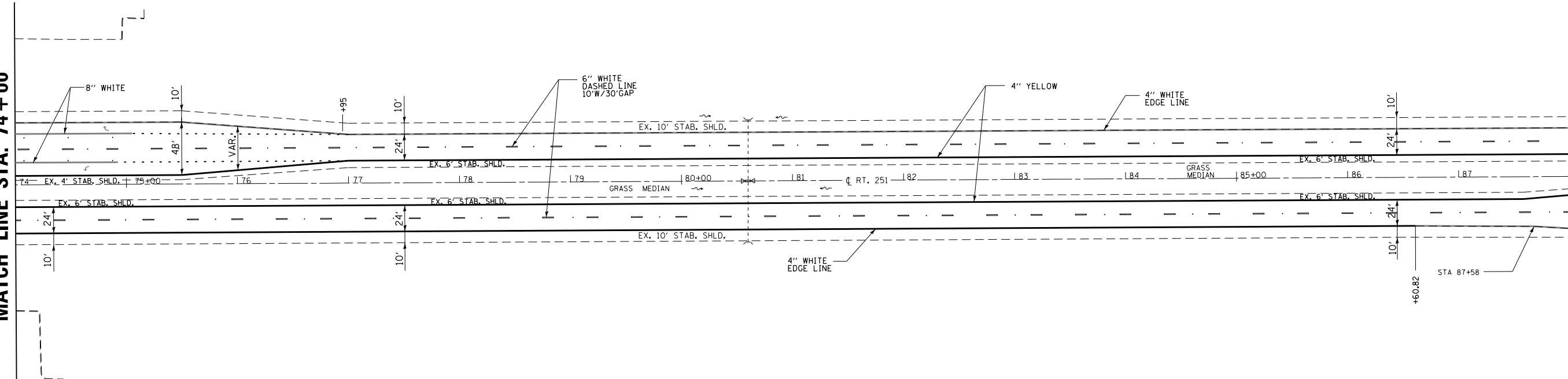
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,1Z)RS-4	LASALLE	54	25
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 60+00



MATCH LINE STA. 74+00

MATCH LINE STA. 74+00



MATCH LINE STA. 88+00



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PLOT DATE = 6/14/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW

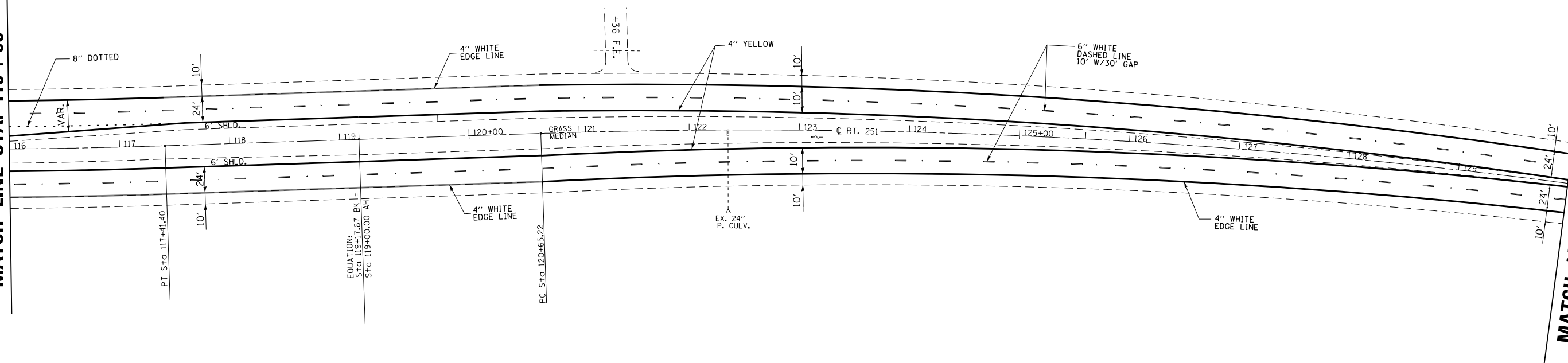
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	26
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



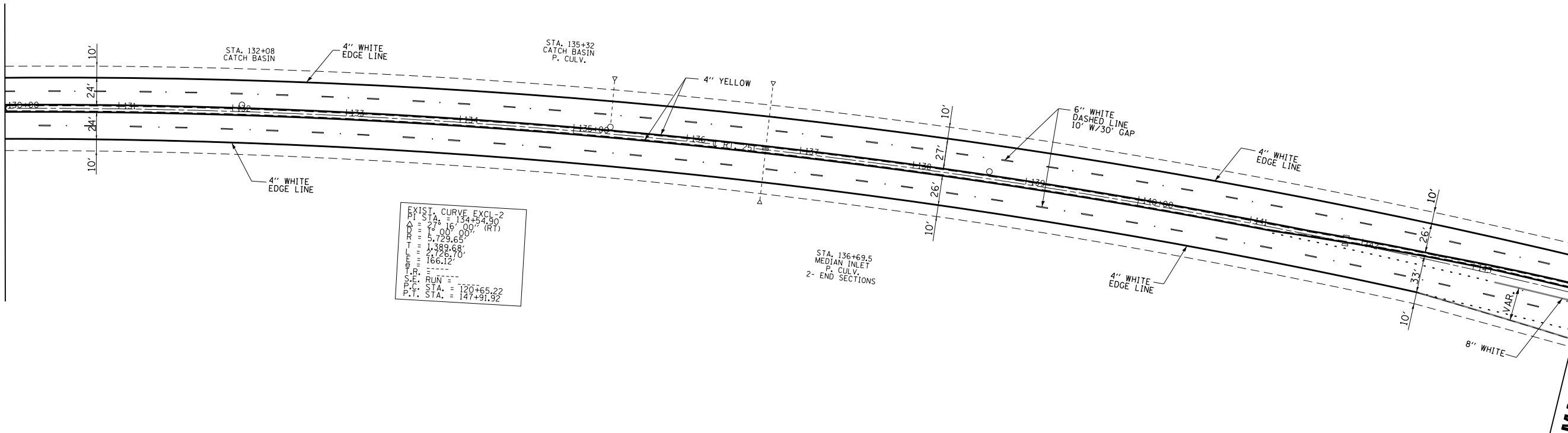
MATCH LINE STA. 116+00

MATCH LINE STA. 130+00

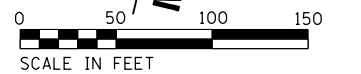


MATCH LINE STA. 130+00

MATCH LINE STA. 144+00



EXIST. CURVE EXCL-2
 P.I. STA. = 134+54.90
 Δ = 27° 16' 00" (RT)
 R.C.I. = 5,729.65'
 T = 1,389.68'
 L = 2,726.70'
 P.T. STA. = 147+91.92



FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
et:\pwork\pwork\dot\duncanbd\8296614\036607-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

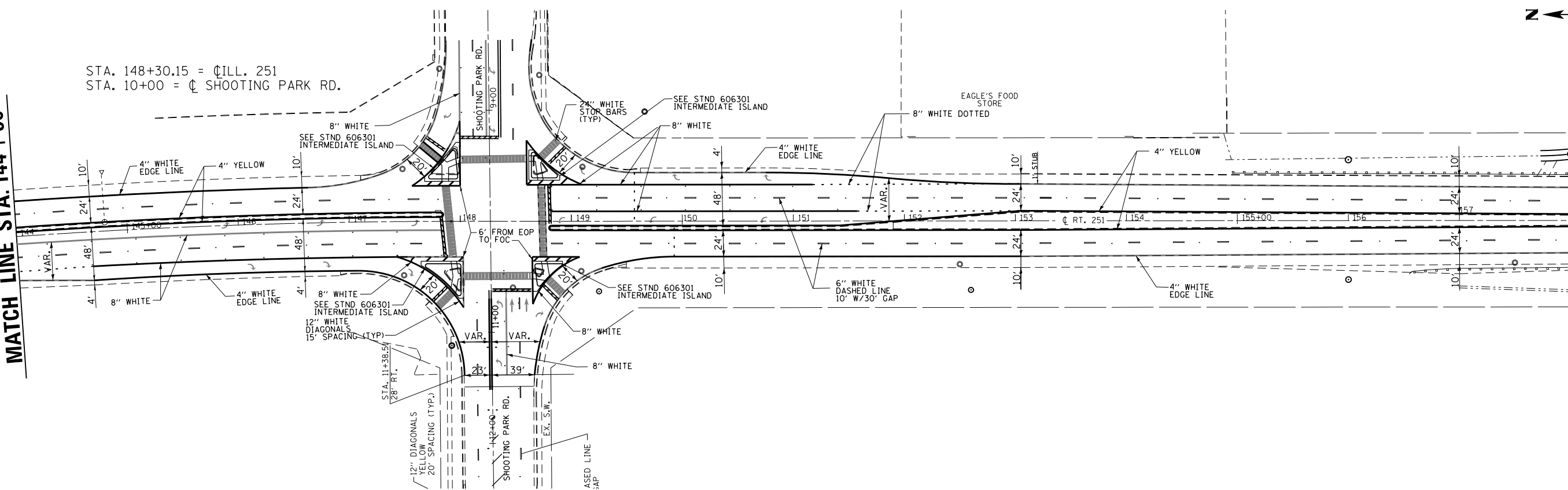
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	28
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



STA. 148+30.15 = CILL. 251
 STA. 10+00 = C SHOOTING PARK RD.

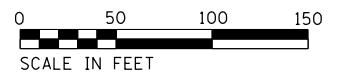
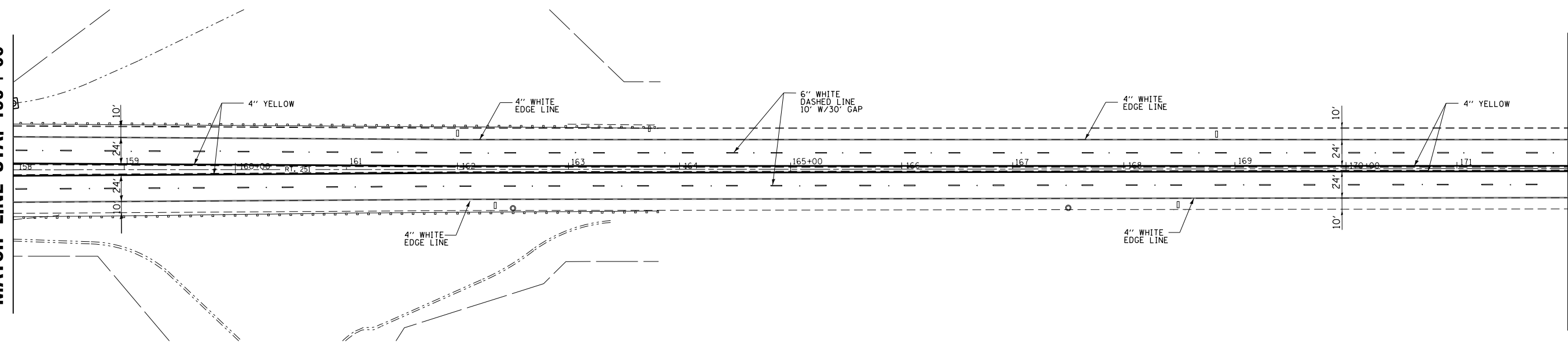
MATCH LINE STA. 144+00

MATCH LINE STA. 158+00



MATCH LINE STA. 158+00

MATCH LINE STA. 172+00

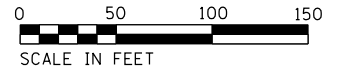
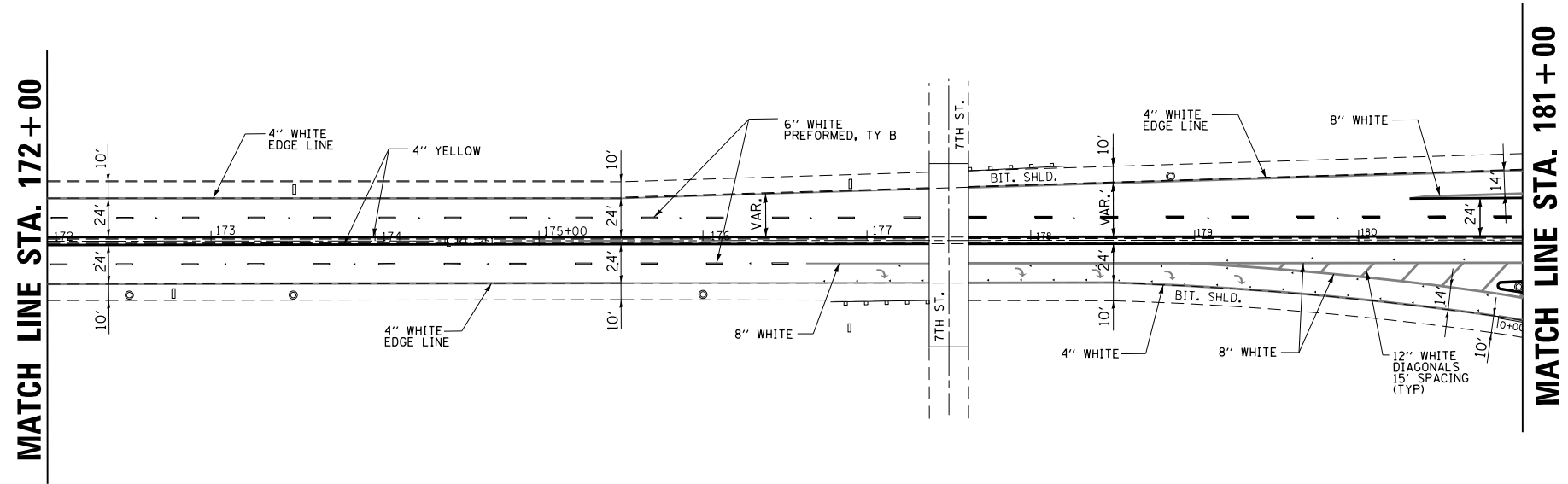


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PLOT DATE = 6/14/2014		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	29
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



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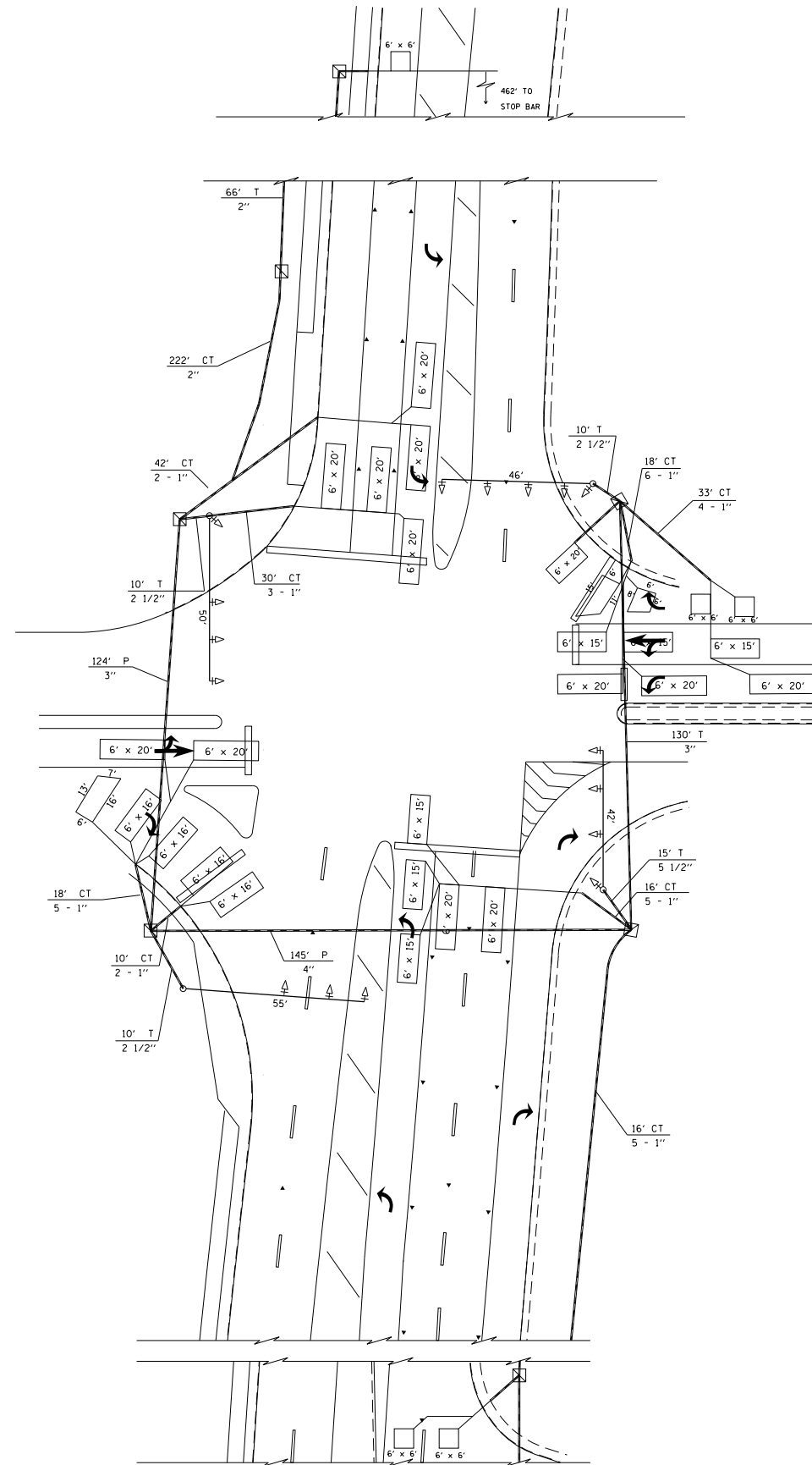
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	30
				CONTRACT NO. 66C07
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	1672
LOOP DETECTOR TESTING	EACH	1



TRAFFIC SIGNAL GENERAL NOTES:
 1. PLACE DETECTOR LOOPS IN BINDER
 2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
 3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
 4. THE DEPARTMENT OF TRANSPORTATION (8125-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

TRAFFIC SIGNAL PLAN LEGEND

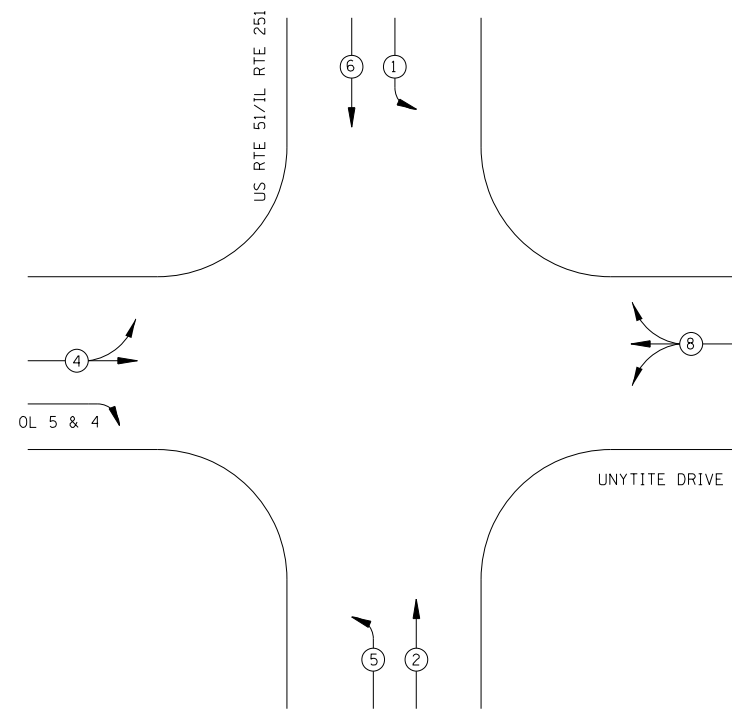
		CONTROLLER
		DETECTOR LOOP
		DETECTOR LOOP LINE
		UNDERGROUND CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		PED. PUSHBUTTON DETECTOR
		PED. SIGNAL HEAD
		POWER POLE SERVICE
		SIGNAL HEAD W/ BACKPLATE
		SIGNAL POST
		STEEL MAST ARM
		WOOD POLE
		ELECTRICAL CABLE IN CONDUIT

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	PLOT DATE = 6/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

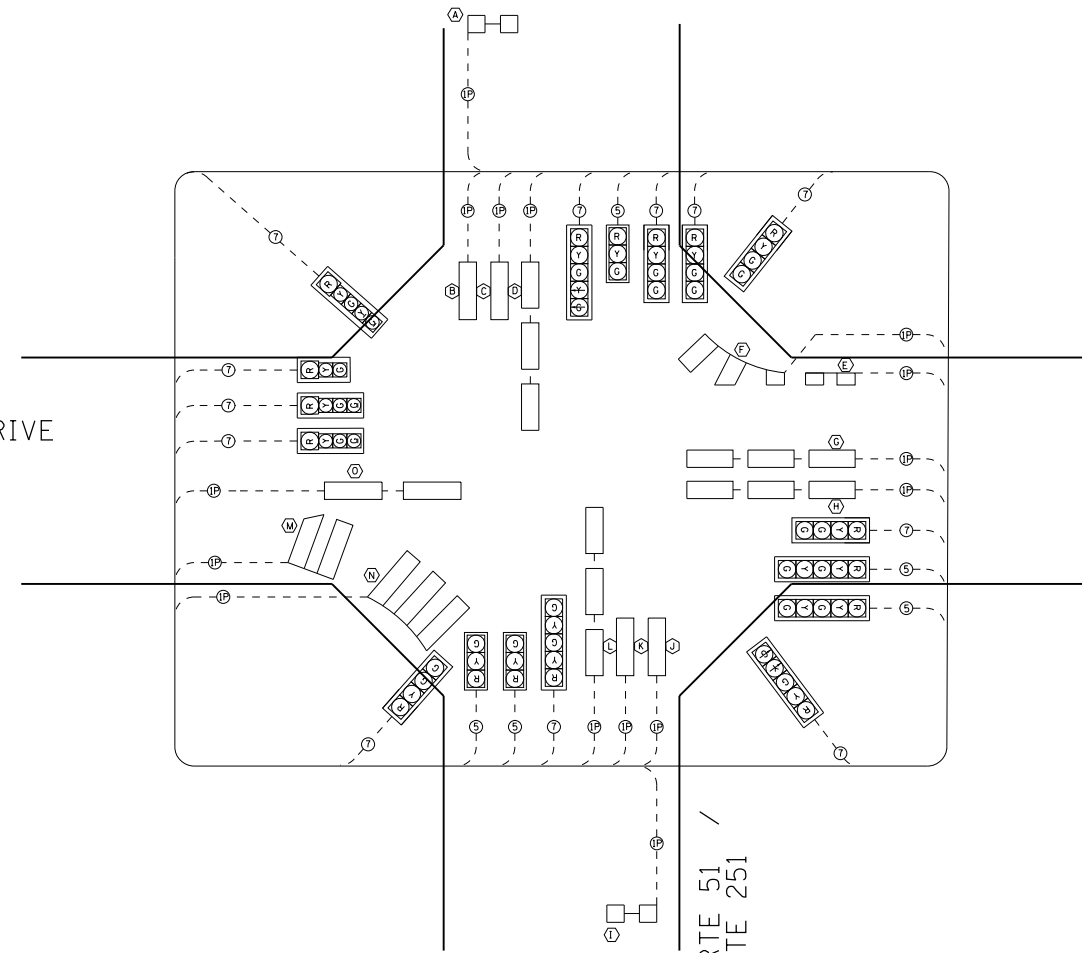
IL 251 AND UNYTITE DRIVE TRAFFIC SIGNAL PLAN				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	32
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				




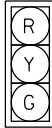



EXISTING AND PROPOSED
PHASE DESIGNATION DIAGRAM

UNYTITE DRIVE



CABLE PLAN

CABLE PLAN LEGEND

-  DENOTES PROPOSED DETECTOR LOOP SYSTEM
-  PROPOSED SIGNAL FACE WITH BACK PLATE
-  DENOTES NUMBER OF PAIR OF WIRE (NEW)
ALL LOOP DETECTOR CABLE TO BE TWISTED,
SHIELDED ALL CABLE NO. 14 EXCEPT AS
INDICATED
-  PROPOSED VEHICLE DETECTOR, INDUCTION LOOP
-  PROPOSED CONTROLLER CABINET

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
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PLOT DATE = 6/14/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

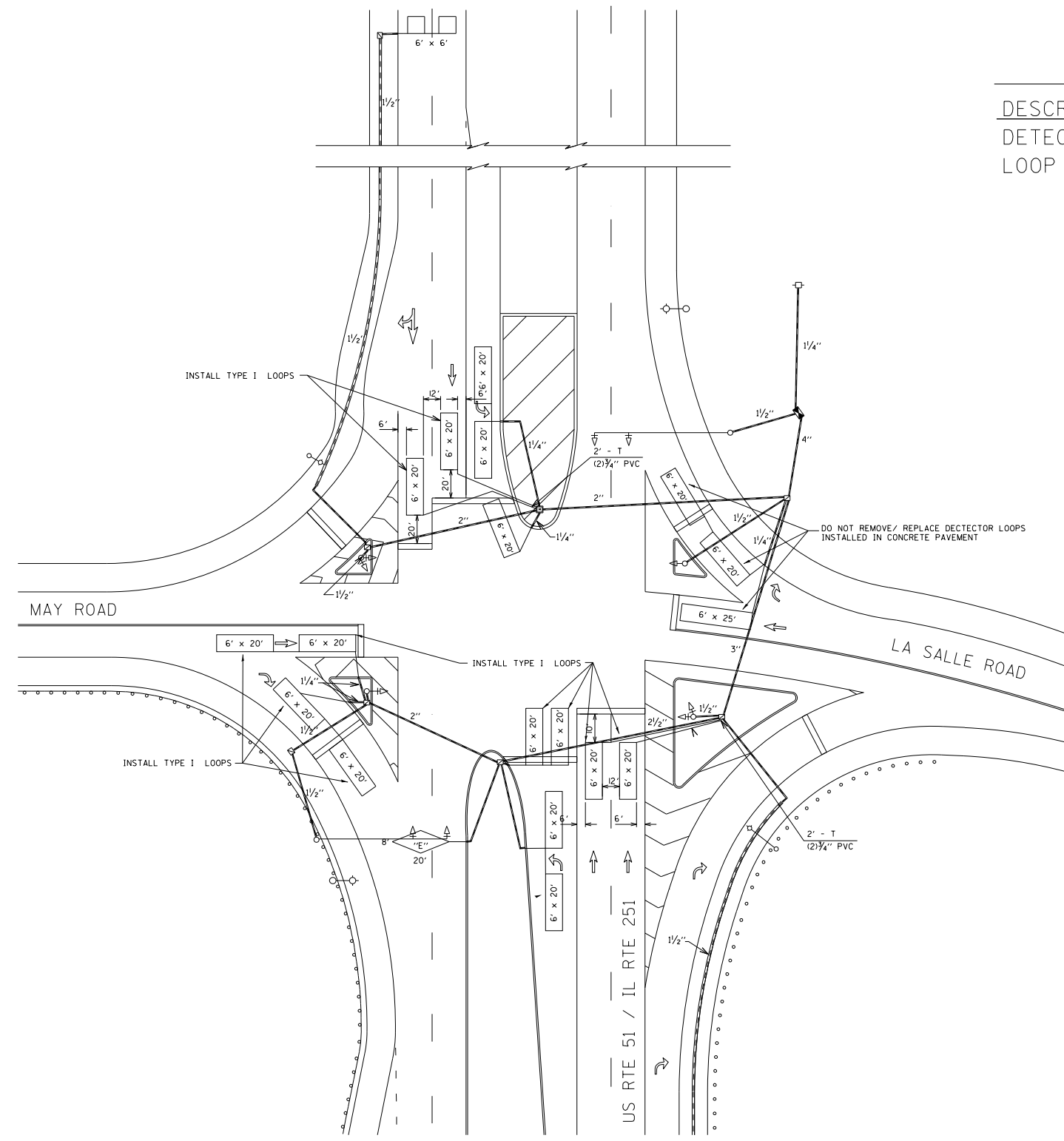
IL 251 AND UNYTITE DRIVE
CABLE PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	33
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

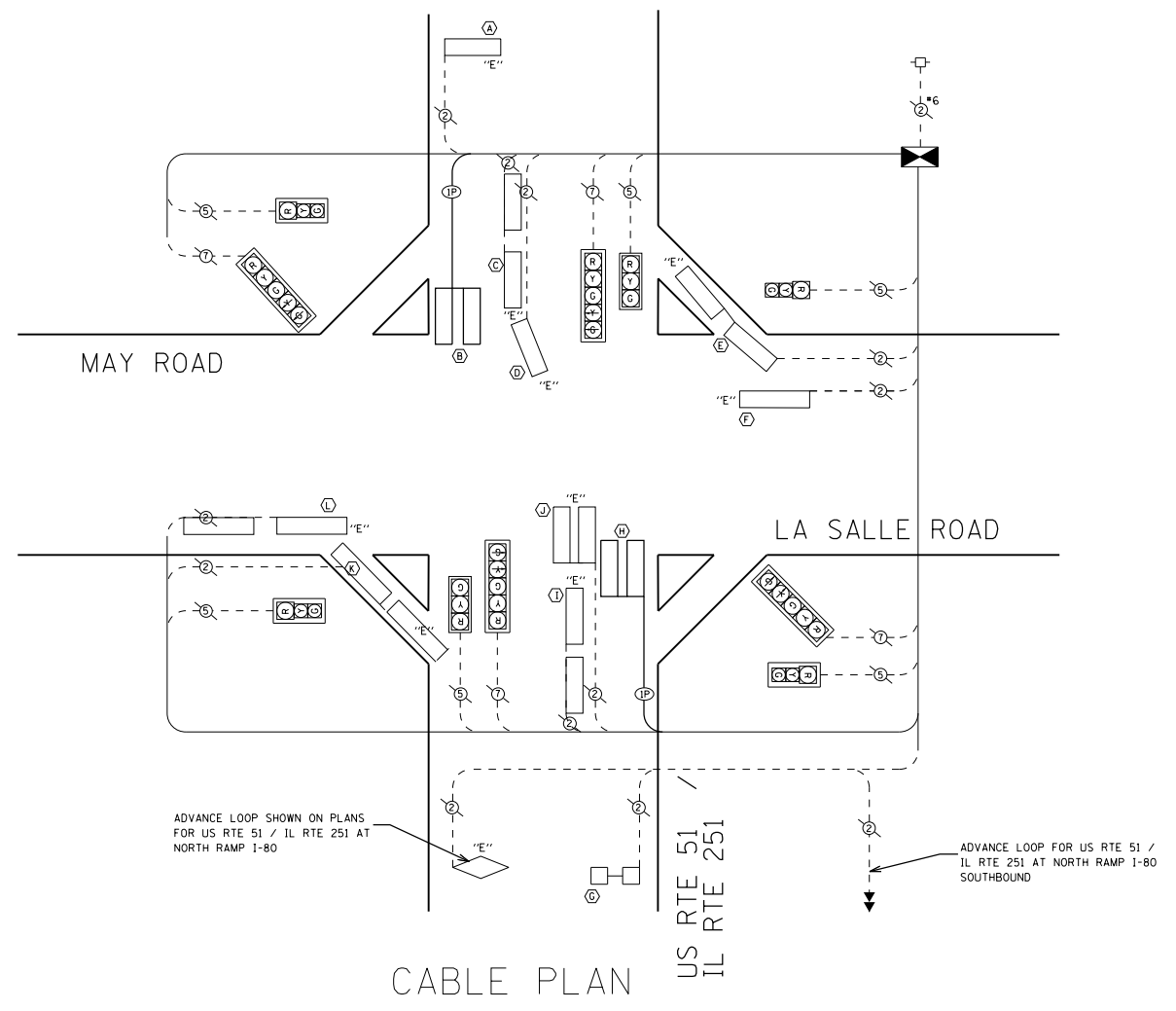
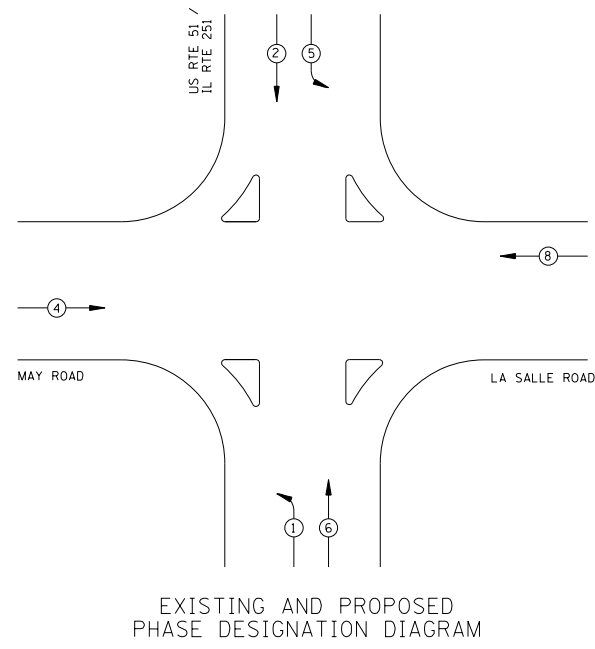
DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	986
LOOP DETECTOR TESTING	EACH	1



TRAFFIC SIGNAL GENERAL NOTES:
 1. PLACE DETECTOR LOOPS IN BINDER
 2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
 3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
 4. THE DEPARTMENT OF TRANSPORTATION (8125-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

TRAFFIC SIGNAL PLAN LEGEND

		CONTROLLER
		DETECTOR LOOP
		DETECTOR LOOP LINE
		UNDERGROUND CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		PED. PUSHBUTTON DETECTOR
		PED. SIGNAL HEAD
		POWER POLE SERVICE
		SIGNAL HEAD W/ BACKPLATE
		SIGNAL POST
		STEEL MAST ARM
		WOOD POLE
		ELECTRICAL CABLE IN CONDUIT



CABLE PLAN LEGEND

- 8" TRAFFIC SIGNAL SECTION
- 12" TRAFFIC SIGNAL SECTION
- 12" PEDESTRIAN SIGNAL SECTION
- EX. CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- PUSHBUTTON DETECTOR
- DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
- INDICATES EXISTING CABLE
- "P" SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.
- EX. MAGNETIC DETECTOR
- OPTICAL DETECTOR
- SERVICE INSTALLATION, EXISTING
- DUAL-INDICATION SIGNAL SECTION
- ELECTRIC CABLE IN CONDUIT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

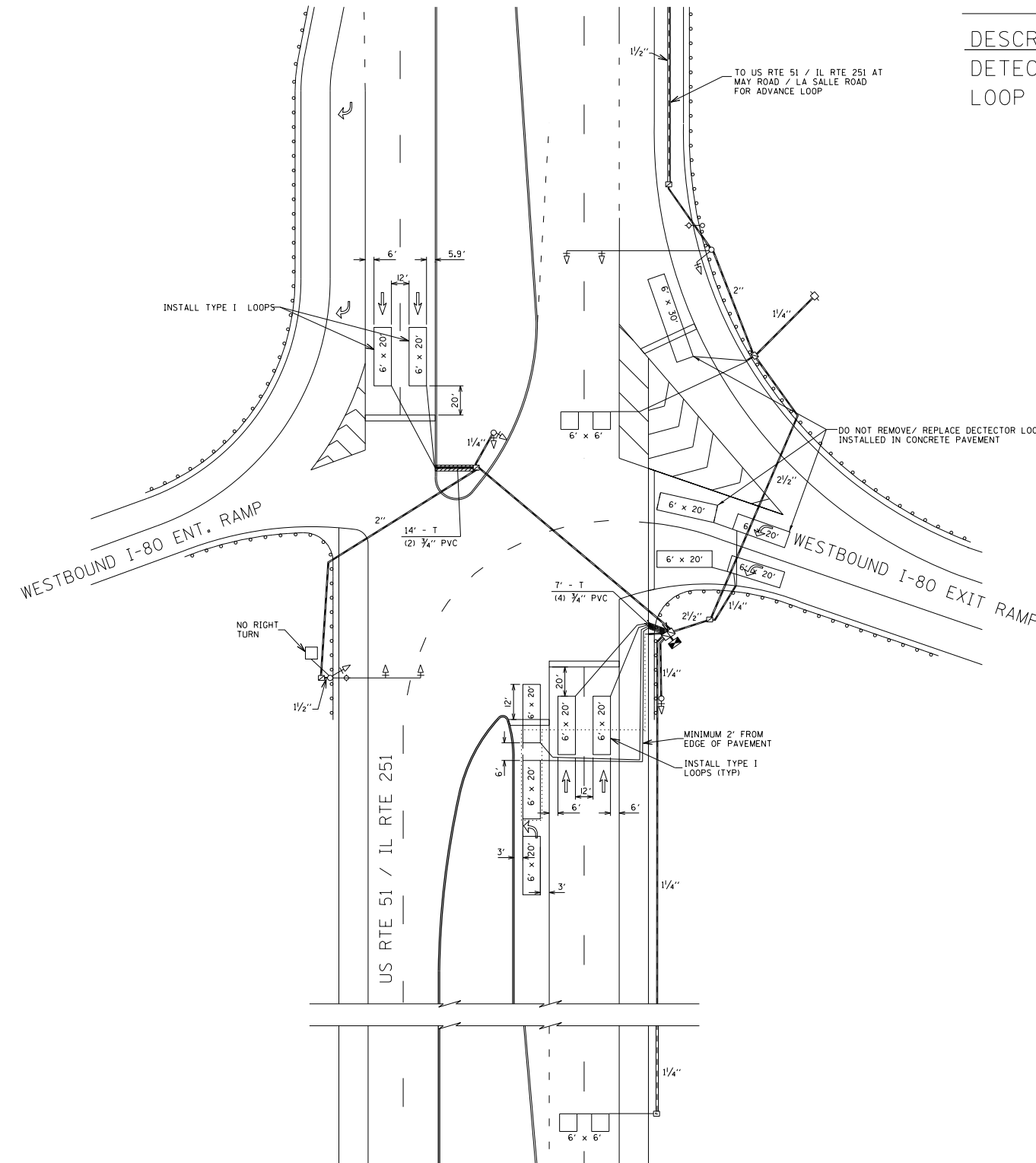
IL 251 AND MAYLASALLE RD
CABLE PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	35
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	1032
LOOP DETECTOR TESTING	EACH	1



TRAFFIC SIGNAL GENERAL NOTES:
 1. PLACE DETECTOR LOOPS IN BINDER
 2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
 3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
 4. THE DEPARTMENT OF TRANSPORTATION (8125-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

TRAFFIC SIGNAL PLAN LEGEND

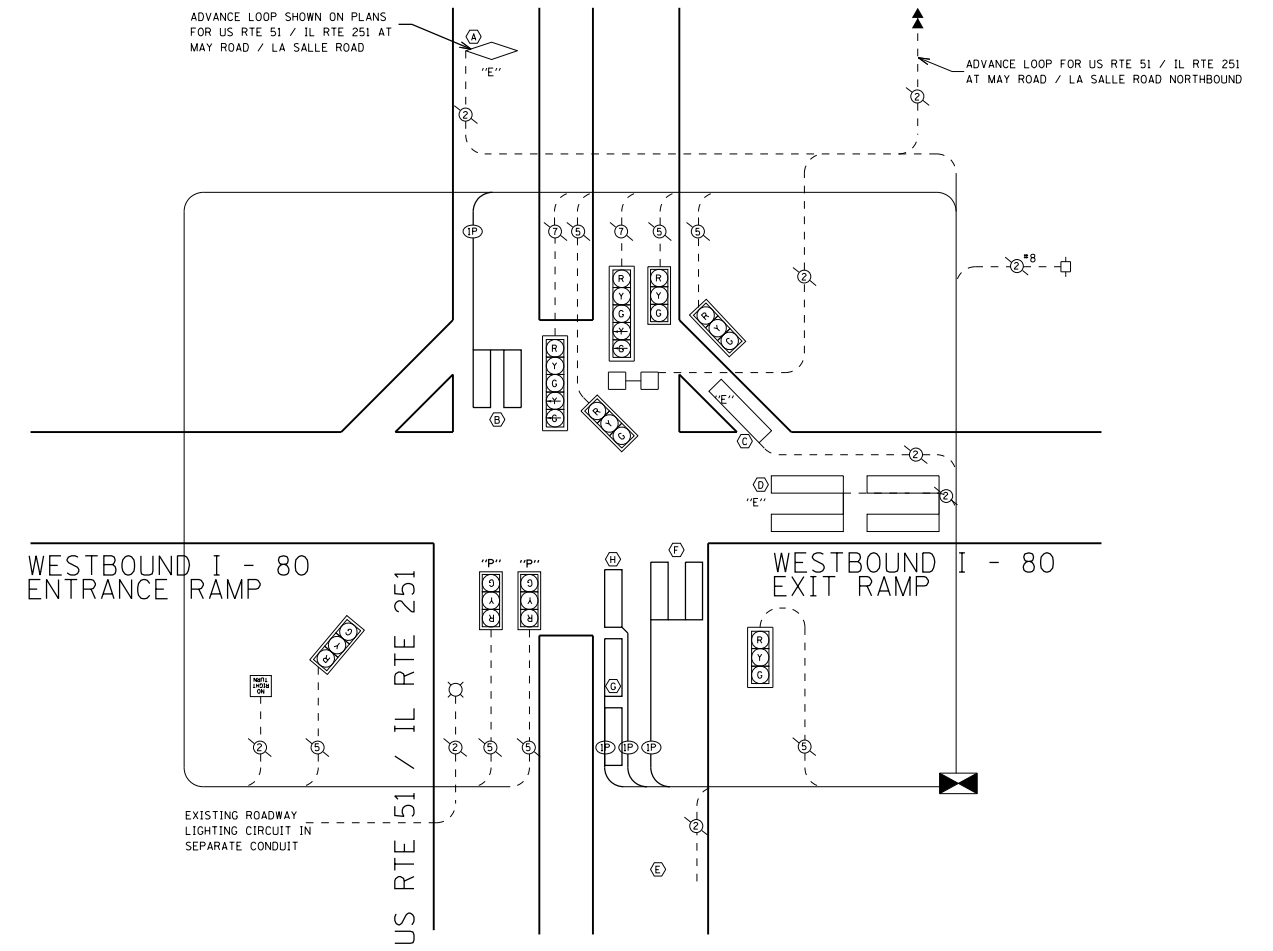
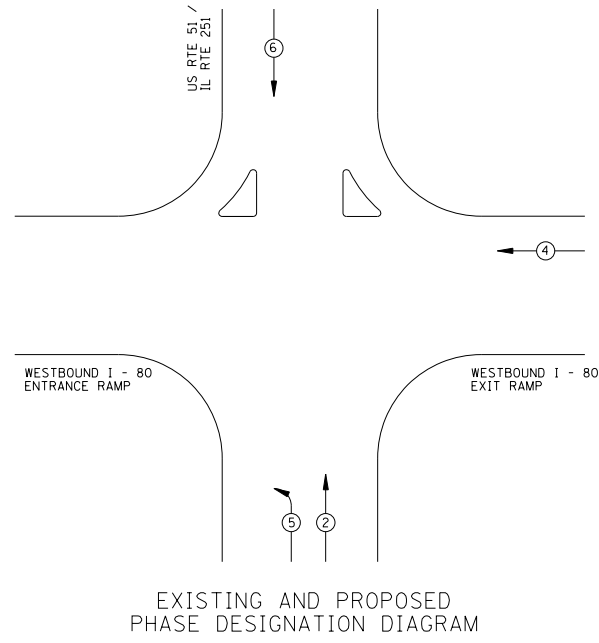
		CONTROLLER
		DETECTOR LOOP
		DETECTOR LOOP LINE
		UNDERGROUND CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		PED. PUSHBUTTON DETECTOR
		PED. SIGNAL HEAD
		POWER POLE SERVICE
		SIGNAL HEAD W/ BACKPLATE
		SIGNAL POST
		STEEL MAST ARM
		WOOD POLE
		ELECTRICAL CABLE IN CONDUIT

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
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PLOT DATE = 6/14/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 251 & WESTBOUND I-80 RAMP TRAFFIC SIGNAL PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	36
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



- CABLE PLAN LEGEND
- G 8" TRAFFIC SIGNAL SECTION
 - R 12" TRAFFIC SIGNAL SECTION
 - W 12" PEDESTRIAN SIGNAL SECTION
 - X EX. CONTROLLER CABINET
 - VEHICLE DETECTOR, INDUCTION LOOP
 - PUSHBUTTON DETECTOR
 - ② DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
 - ② INDICATES EXISTING CABLE
 - "P" R
Y
G
Y
R
6 SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.
 - EX. MAGNETIC DETECTOR
 - ▶ OPTICAL DETECTOR
 - SERVICE INSTALLATION, EXISTING
 - Y
G DUAL-INDICATION SIGNAL SECTION
 - ELECTRIC CABLE IN CONDUIT

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

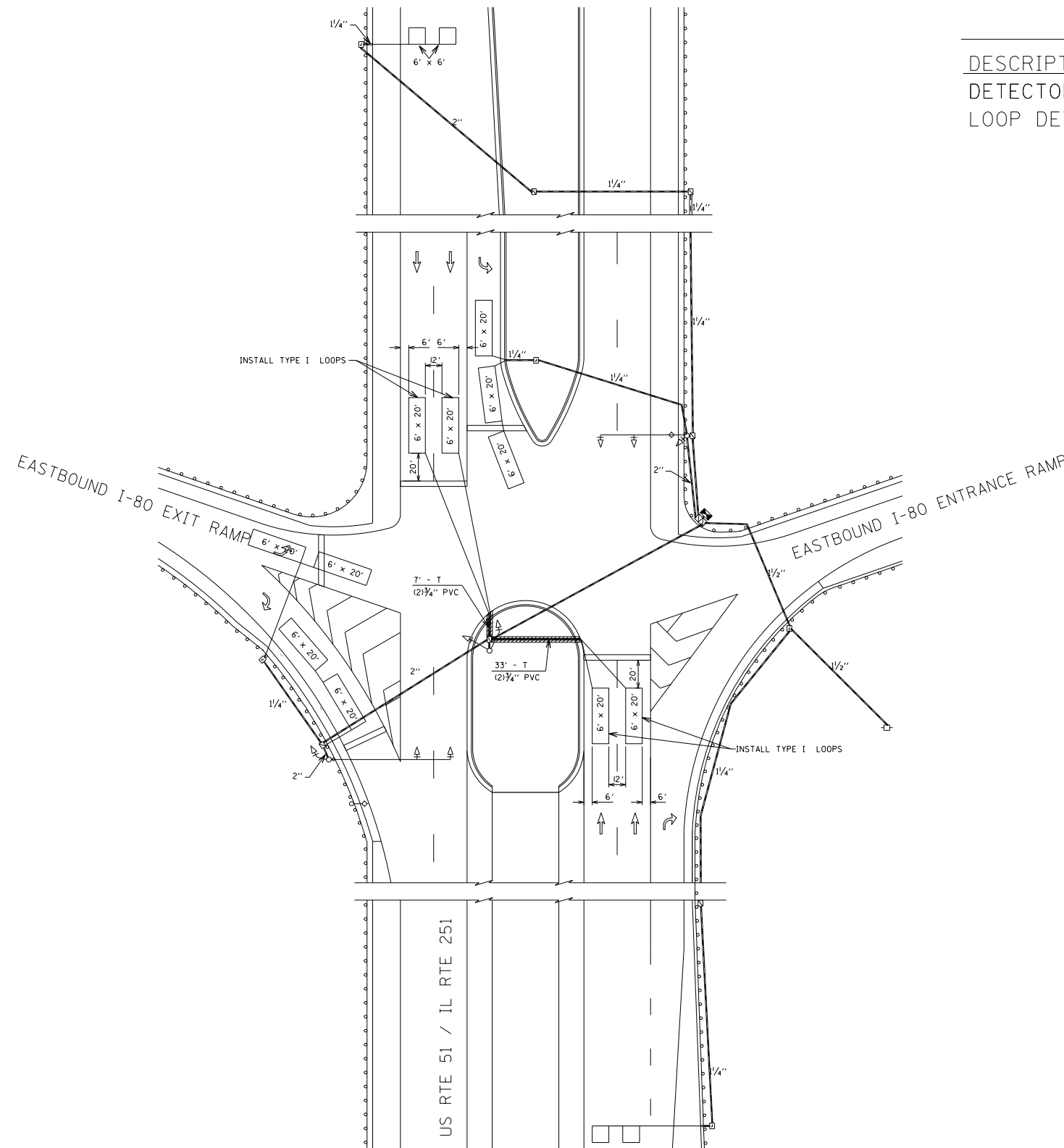
**IL 251 & WESTBOUND I-80 RAMP
CABLE PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	37
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

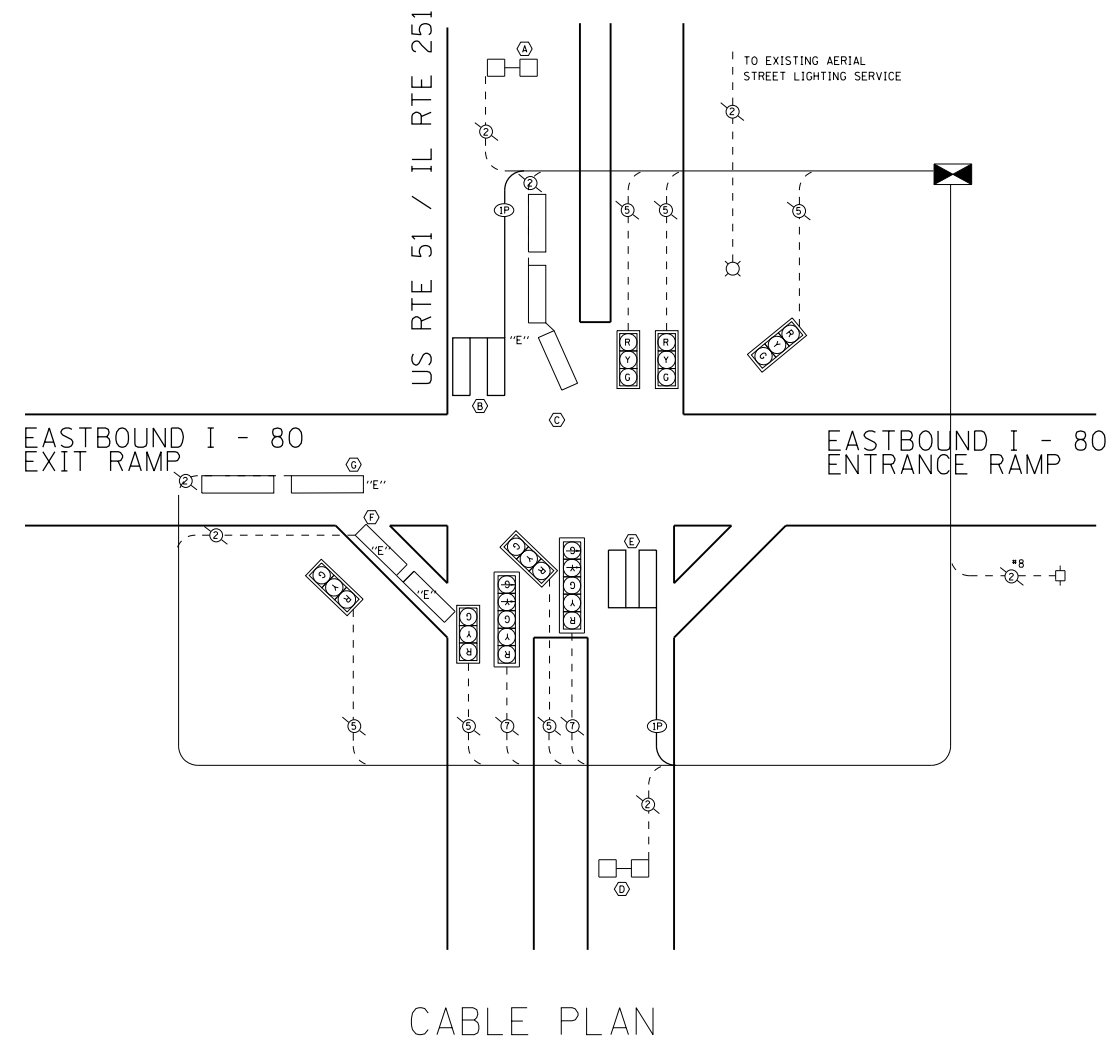
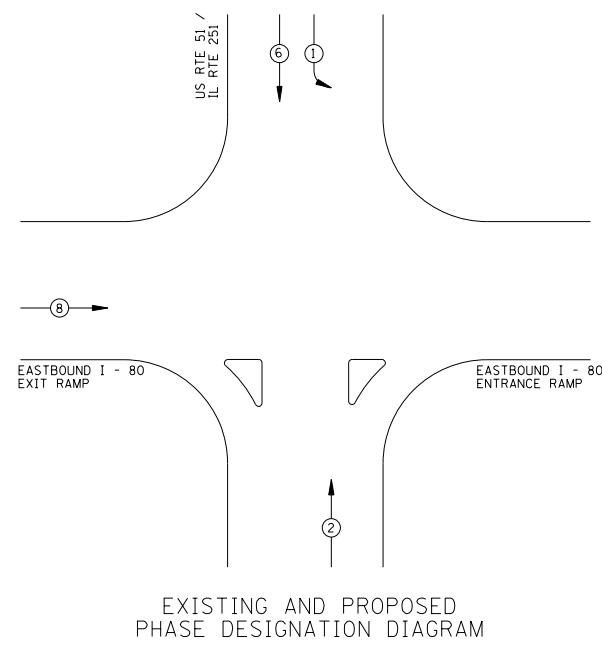
DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	952
LOOP DETECTOR TESTING	EACH	1



TRAFFIC SIGNAL GENERAL NOTES:
 1. PLACE DETECTOR LOOPS IN BINDER
 2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
 3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
 4. THE DEPARTMENT OF TRANSPORTATION (8125-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

TRAFFIC SIGNAL PLAN LEGEND

		CONTROLLER
		DETECTOR LOOP
		DETECTOR LOOP LINE
		UNDERGROUND CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		PED. PUSHBUTTON DETECTOR
		PED. SIGNAL HEAD
		POWER POLE SERVICE
		SIGNAL HEAD W/ BACKPLATE
		SIGNAL POST
		STEEL MAST ARM
		WOOD POLE
		ELECTRICAL CABLE IN CONDUIT



CABLE PLAN LEGEND

- 8" TRAFFIC SIGNAL SECTION
- 12" TRAFFIC SIGNAL SECTION
- 12" PEDESTRIAN SIGNAL SECTION
- EX. CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- PUSHBUTTON DETECTOR
- DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
- INDICATES EXISTING CABLE
- "P" SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.
- EX. MAGNETIC DETECTOR
- OPTICAL DETECTOR
- SERVICE INSTALLATION, EXISTING
- DUAL-INDICATION SIGNAL SECTION
- ELECTRIC CABLE IN CONDUIT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

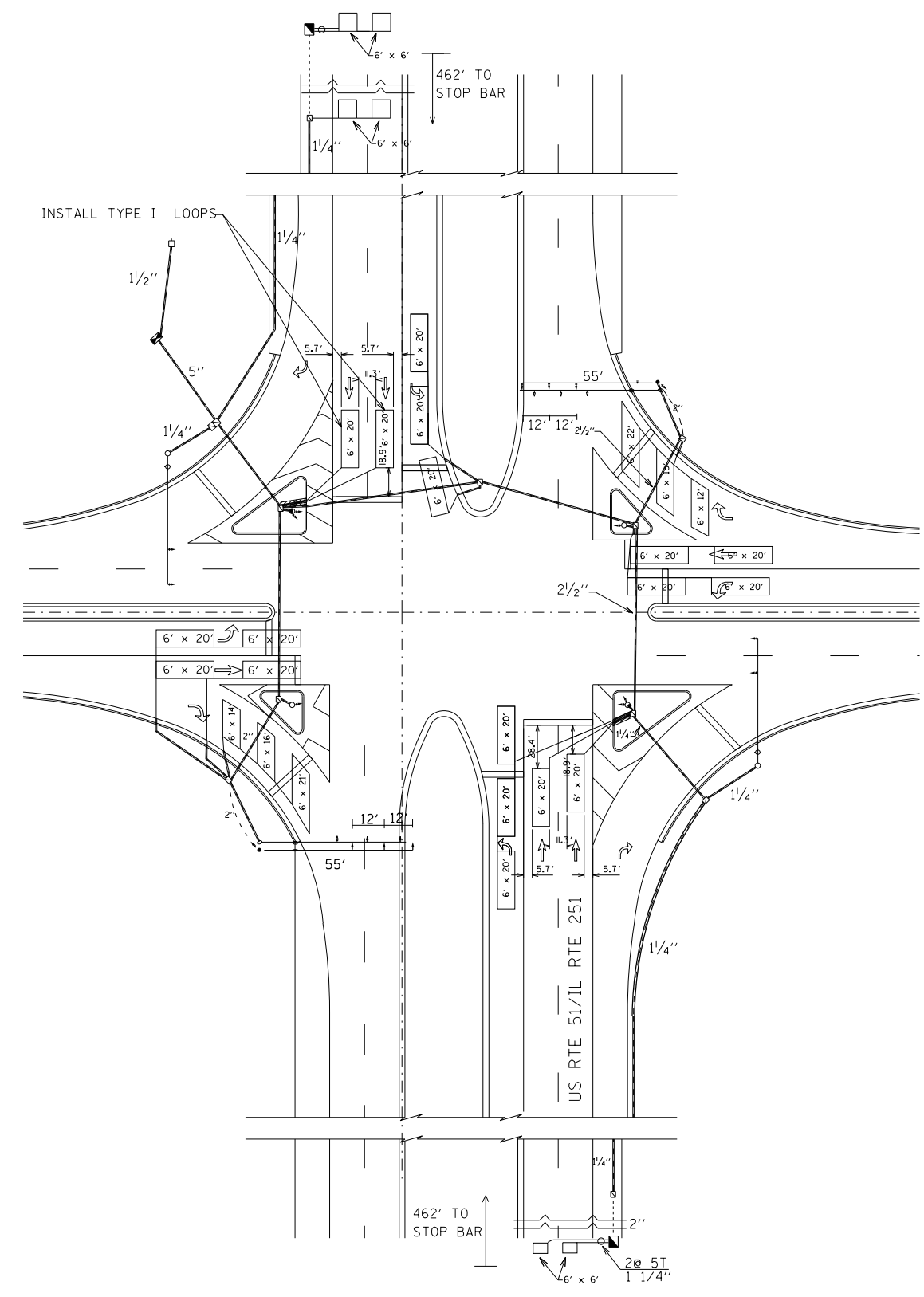
IL 251 & EASTBOUND I-80 RAMPS
CABLE PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	39
CONTRACT NO. 66C07			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	1712
LOOP DETECTOR TESTING	EACH	1



TRAFFIC SIGNAL PLAN LEGEND

		CONTROLLER
		DETECTOR LOOP
		DETECTOR LOOP LINE
		UNDERGROUND CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		PED. PUSHBUTTON DETECTOR
		PED. SIGNAL HEAD
		POWER POLE SERVICE
		SIGNAL HEAD W/ BACKPLATE
		SIGNAL POST
		STEEL MAST ARM
		WOOD POLE
		ELECTRICAL CABLE IN CONDUIT

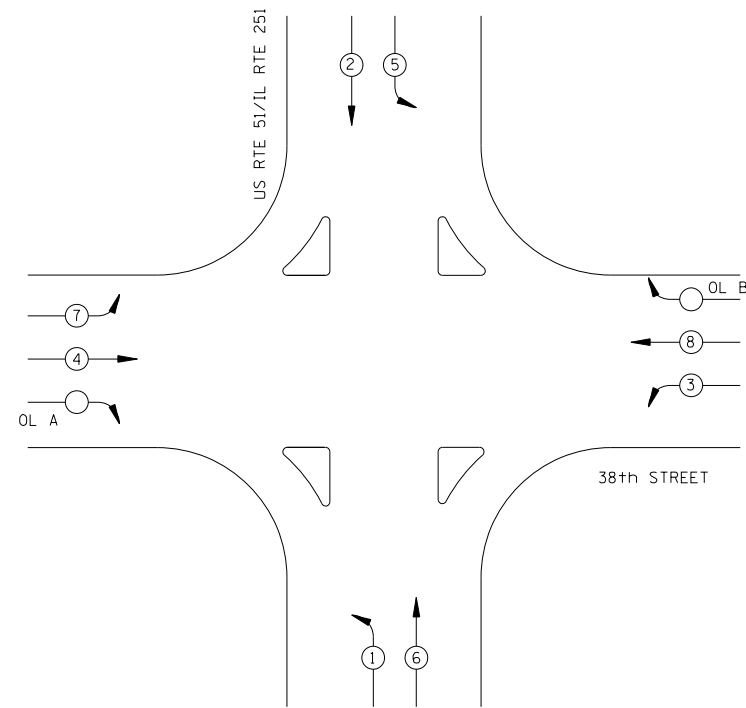
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

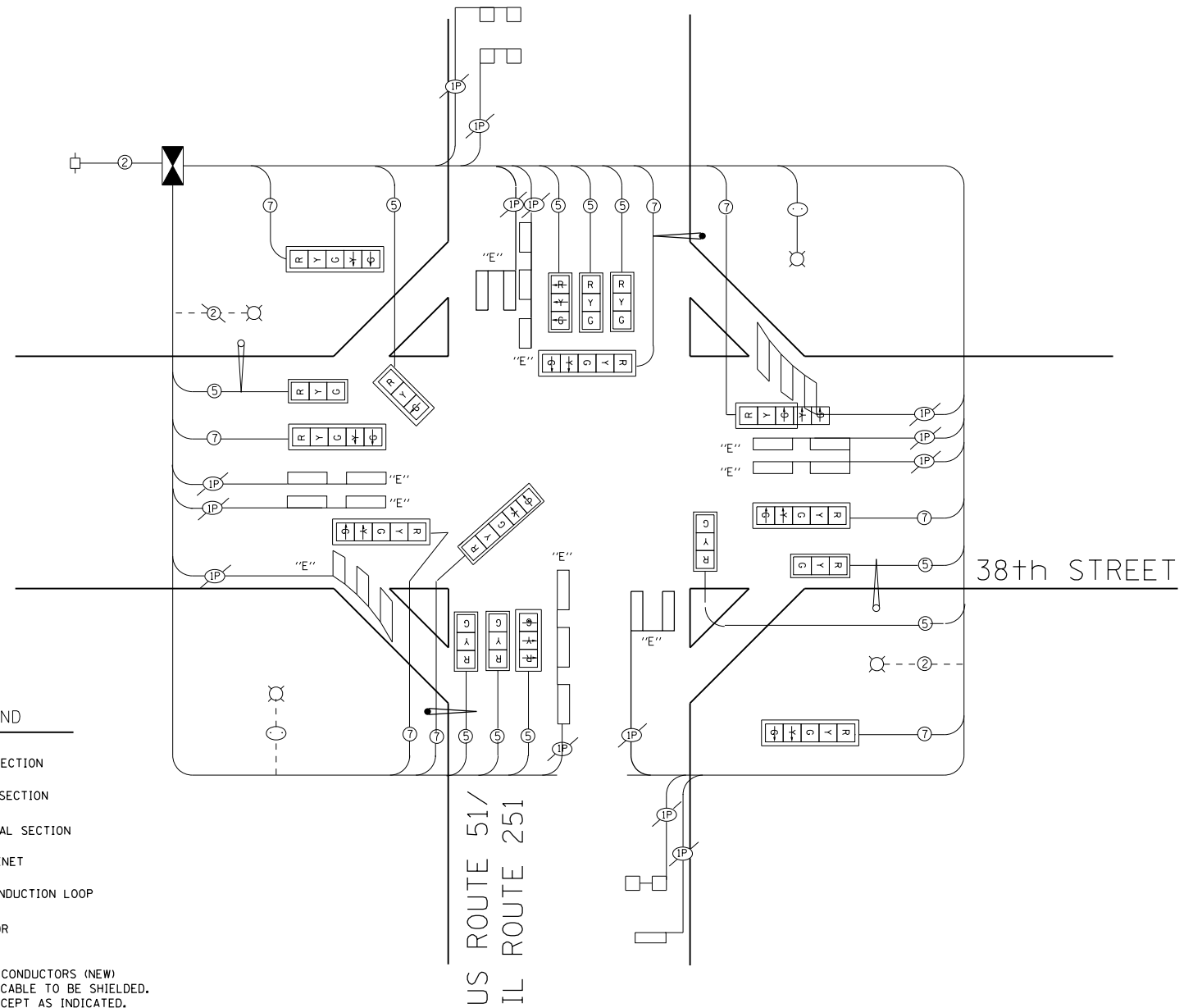
**IL 251 & 38TH STREET
TRAFFIC SIGNAL PLAN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,1Z)RS-4	LASALLE	54	40
CONTRACT NO. 66C07			ILLINOIS FED. AID PROJECT	









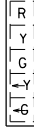







EXISTING AND PROPOSED PHASE DESIGNATION DIAGRAM



CABLE PLAN

CABLE PLAN LEGEND

-  8" TRAFFIC SIGNAL SECTION
-  12" TRAFFIC SIGNAL SECTION
-  12" PEDESTRIAN SIGNAL SECTION
-  EX. CONTROLLER CABINET
-  VEHICLE DETECTOR, INDUCTION LOOP
-  PUSHBUTTON DETECTOR
-  DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
-  INDICATES EXISTING CABLE
-  SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.
-  EX. MAGNETIC DETECTOR
-  OPTICAL DETECTOR
-  SERVICE INSTALLATION, EXISTING
-  DUAL-INDICATION SIGNAL SECTION
-  ELECTRIC CABLE IN CONDUIT

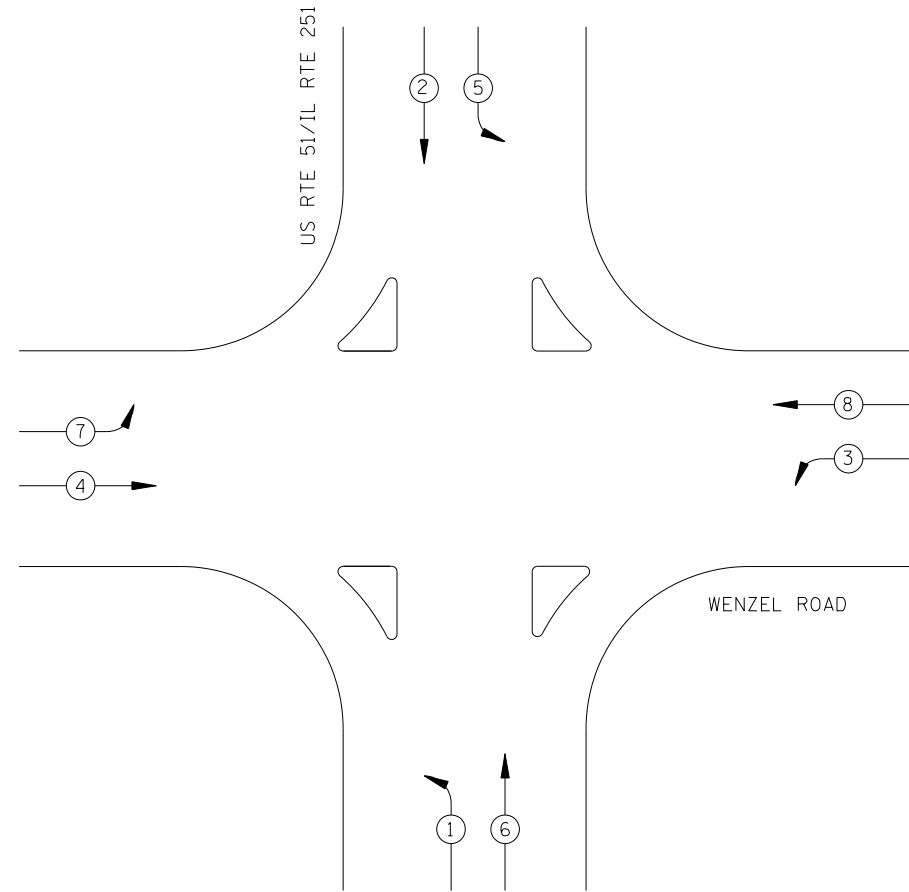
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 251 & 38TH STREET
CABLE PLAN

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

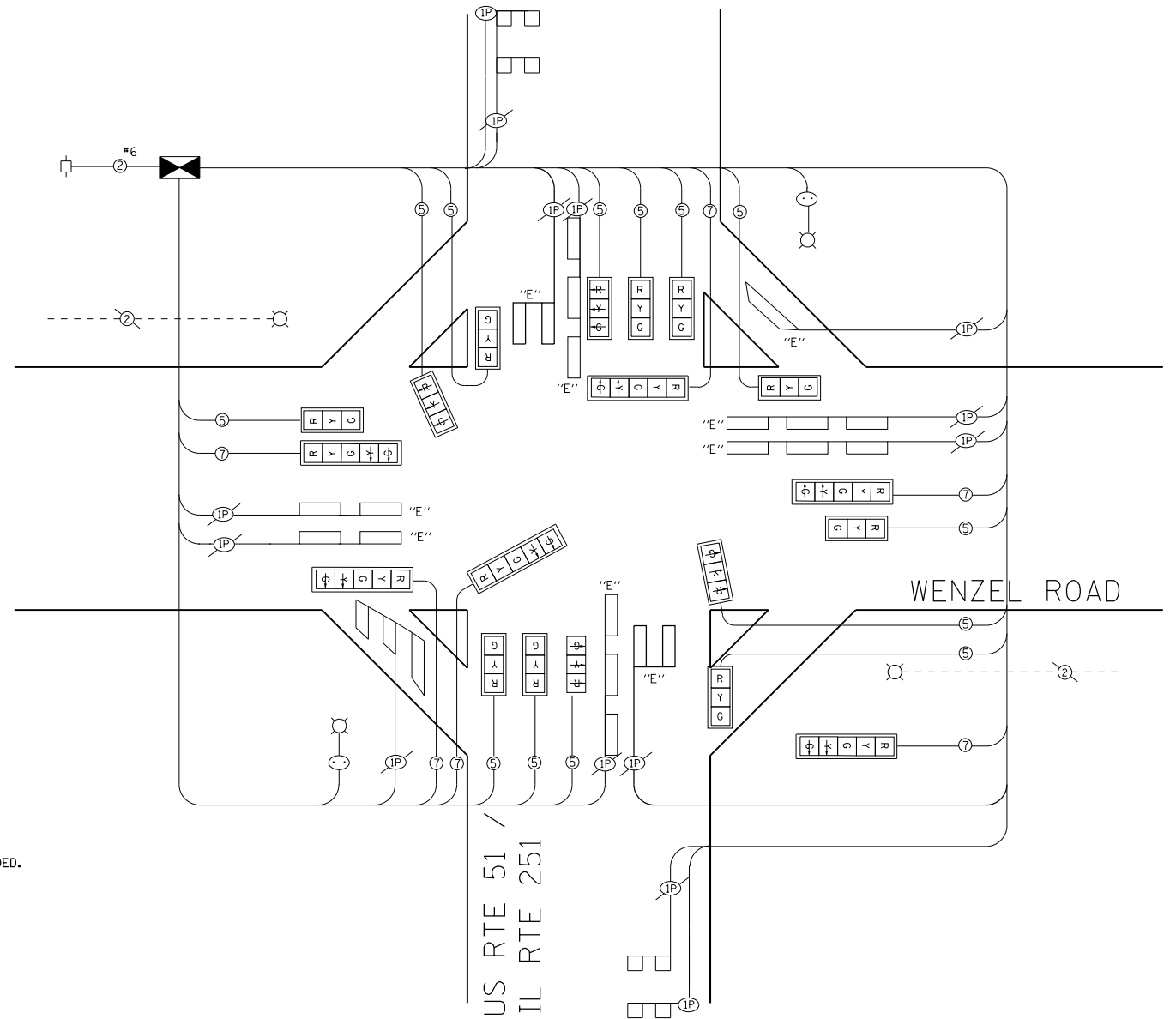
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	41
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



EXISTING AND PROPOSED
PHASE DESIGNATION DIAGRAM

CABLE PLAN LEGEND

- G 8" TRAFFIC SIGNAL SECTION
- R 12" TRAFFIC SIGNAL SECTION
- W 12" PEDESTRIAN SIGNAL SECTION
- ⊠ EX. CONTROLLER CABINET
- VEHICLE DETECTOR, INDUCTION LOOP
- PUSHBUTTON DETECTOR
- ② DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
- ② INDICATES EXISTING CABLE
- "P" R
Y
G
6 SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.
- ⊠ EX. MAGNETIC DETECTOR
- ▶ OPTICAL DETECTOR
- ⊠ SERVICE INSTALLATION,
EXISTING
- ⊠ DUAL-INDICATION SIGNAL SECTION
- ⊙ ELECTRIC CABLE IN CONDUIT



CABLE PLAN

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

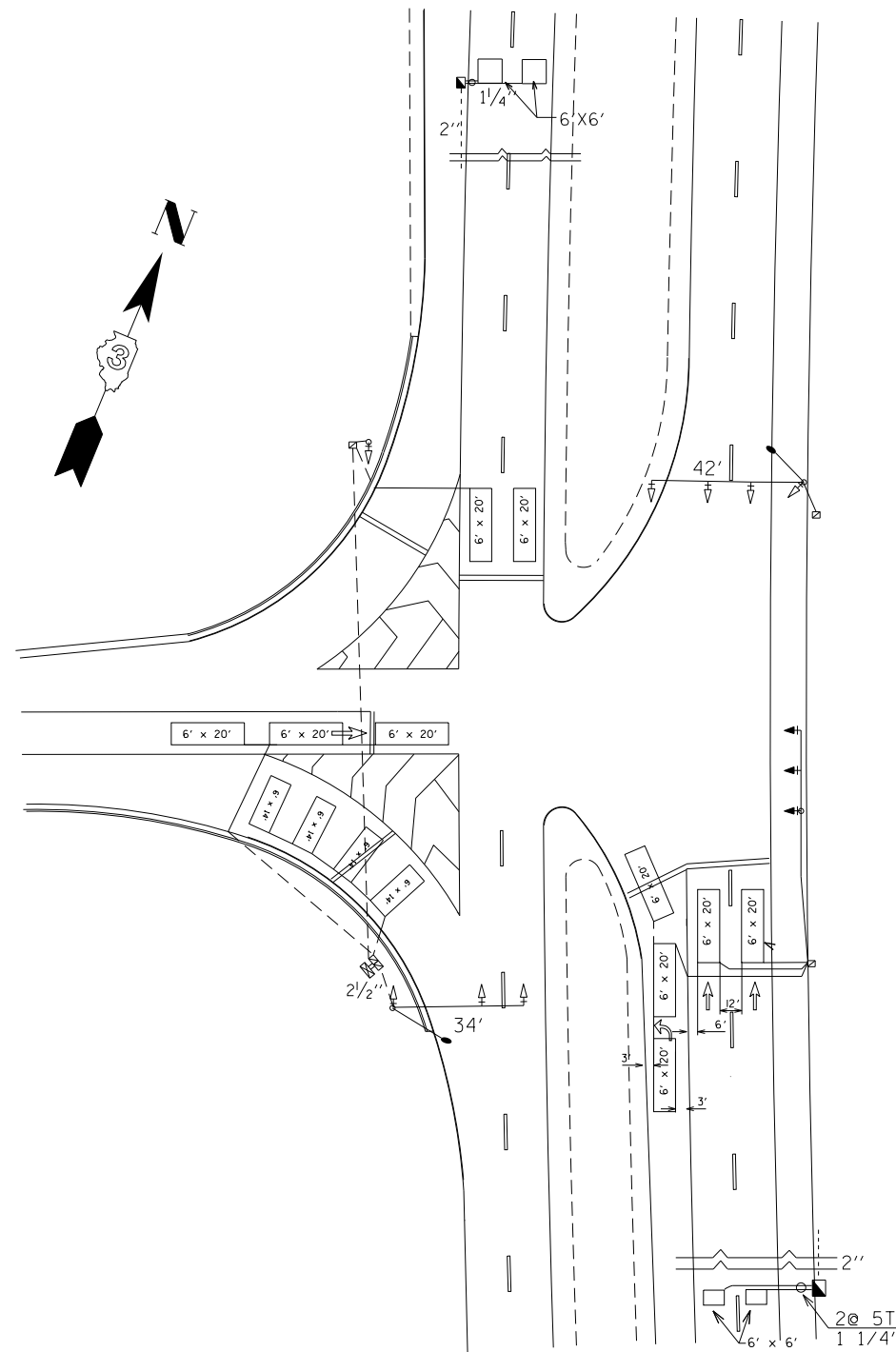
IL 251 & WENZEL ROAD
CABLE PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	43
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	1046
LOOP DETECTOR TESTING	EACH	1

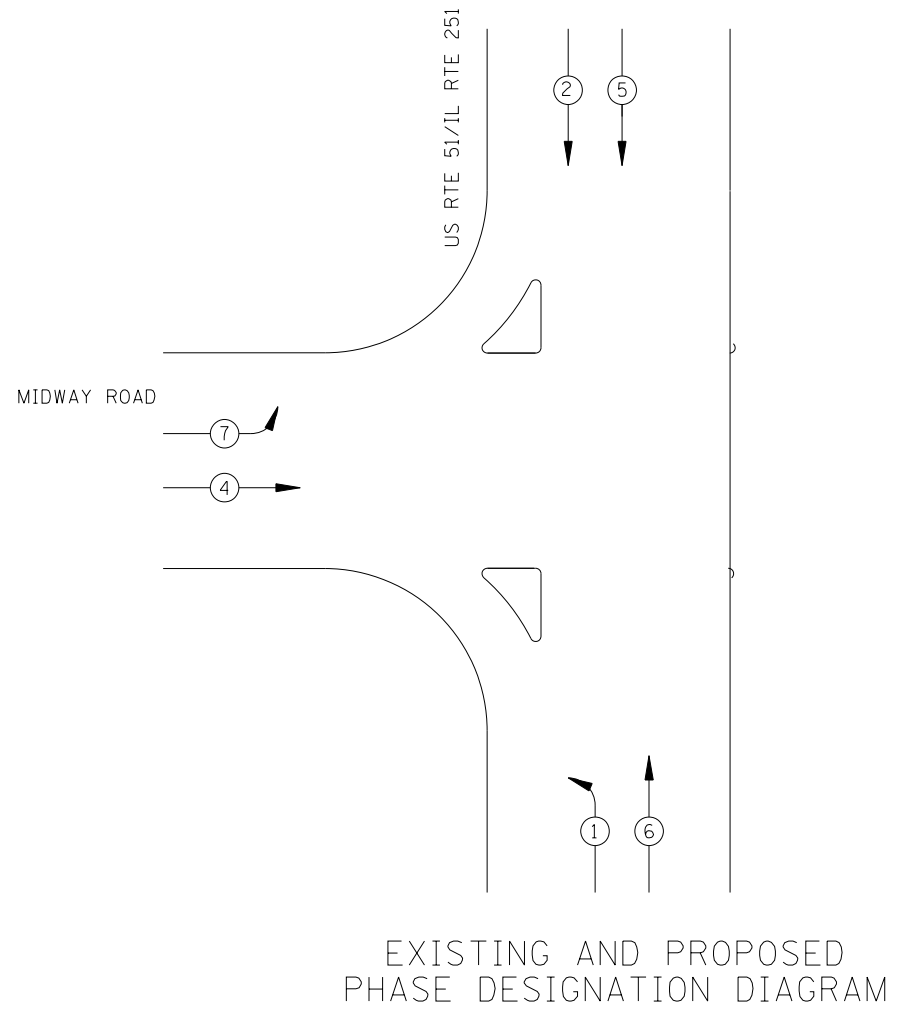


TRAFFIC SIGNAL GENERAL NOTES:
 1. PLACE DETECTOR LOOPS IN BINDER
 2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
 3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
 4. THE DEPARTMENT OF TRANSPORTATION (8125-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

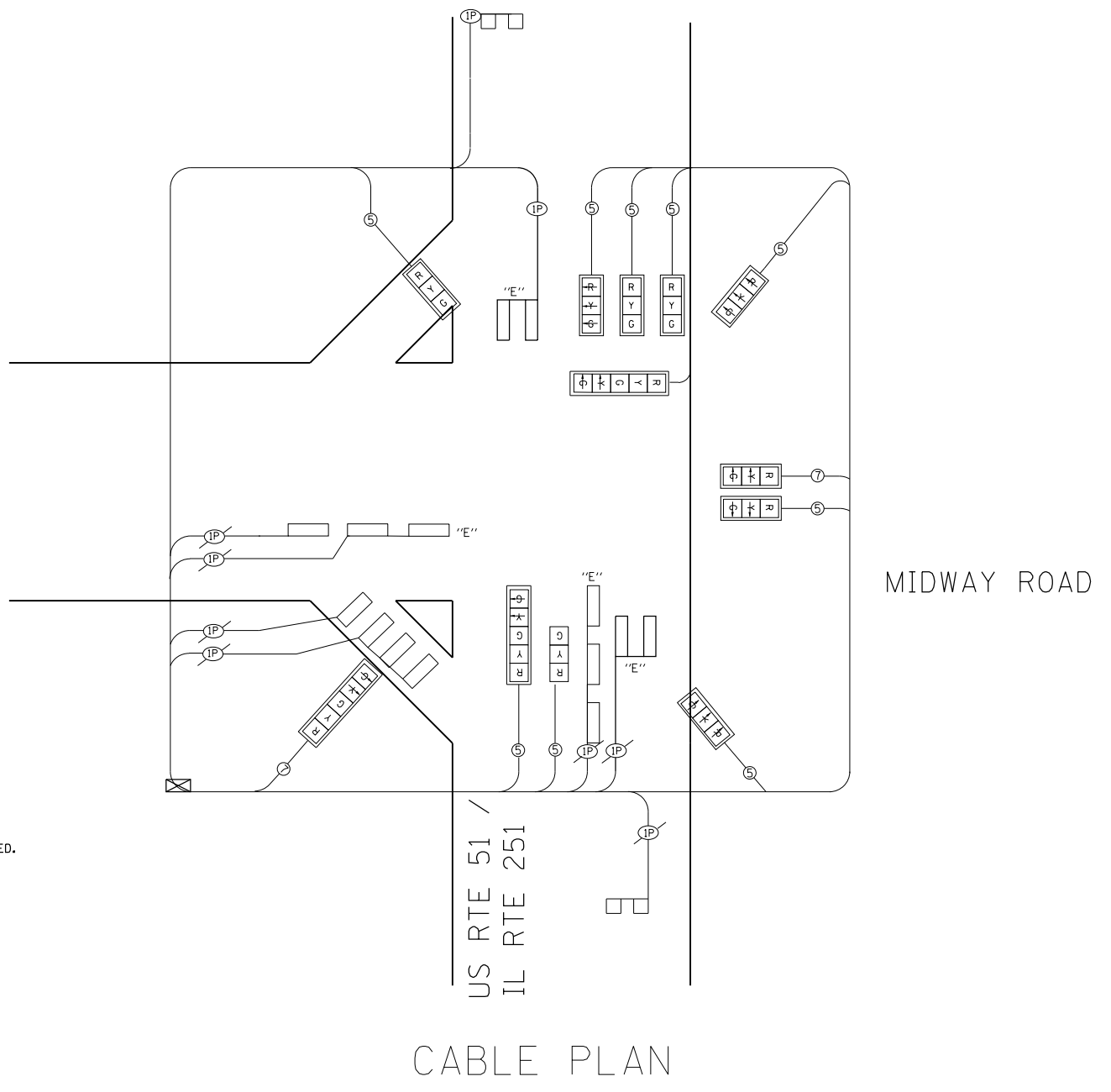
TRAFFIC SIGNAL PLAN LEGEND

[Symbol]	[Symbol]	CONTROLLER
[Symbol]	[Symbol]	DETECTOR LOOP
[Symbol]	[Symbol]	DETECTOR LOOP LINE
[Symbol]	[Symbol]	UNDERGROUND CONDUIT
[Symbol]	[Symbol]	HANDHOLE
[Symbol]	[Symbol]	DOUBLE HANDHOLE
[Symbol]	[Symbol]	HEAVY DUTY HANDHOLE
[Symbol]	[Symbol]	PED. PUSHBUTTON DETECTOR
[Symbol]	[Symbol]	PED. SIGNAL HEAD
[Symbol]	[Symbol]	POWER POLE SERVICE
[Symbol]	[Symbol]	SIGNAL HEAD W/ BACKPLATE
[Symbol]	[Symbol]	SIGNAL POST
[Symbol]	[Symbol]	STEEL MAST ARM
[Symbol]	[Symbol]	WOOD POLE
[Symbol]	[Symbol]	ELECTRICAL CABLE IN CONDUIT

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 251 & MIDWAY ROAD TRAFFIC SIGNAL PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\dot\duncanbd\0296614\0366C07-sht-details.dgn	DRAWN -	REVISED -	46			(1,12)RS-4	LASALLE	54	44	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 66C07							
PLOT DATE = 6/14/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:		SHEET NO. OF SHEETS		STA. TO STA.		



- CABLE PLAN LEGEND
- G 8" TRAFFIC SIGNAL SECTION
 - R 12" TRAFFIC SIGNAL SECTION
 - W 12" PEDESTRIAN SIGNAL SECTION
 - ⊠ EX. CONTROLLER CABINET
 - VEHICLE DETECTOR, INDUCTION LOOP
 - PUSHBUTTON DETECTOR
 - ② DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
 - ② INDICATES EXISTING CABLE
 - "P" R
Y
G
R SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.
 - EX. MAGNETIC DETECTOR
 - ▶ OPTICAL DETECTOR
 - ◻ SERVICE INSTALLATION, EXISTING
 - ⊠ DUAL-INDICATION SIGNAL SECTION
 - ⊙ ELECTRIC CABLE IN CONDUIT



FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/14/2014		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

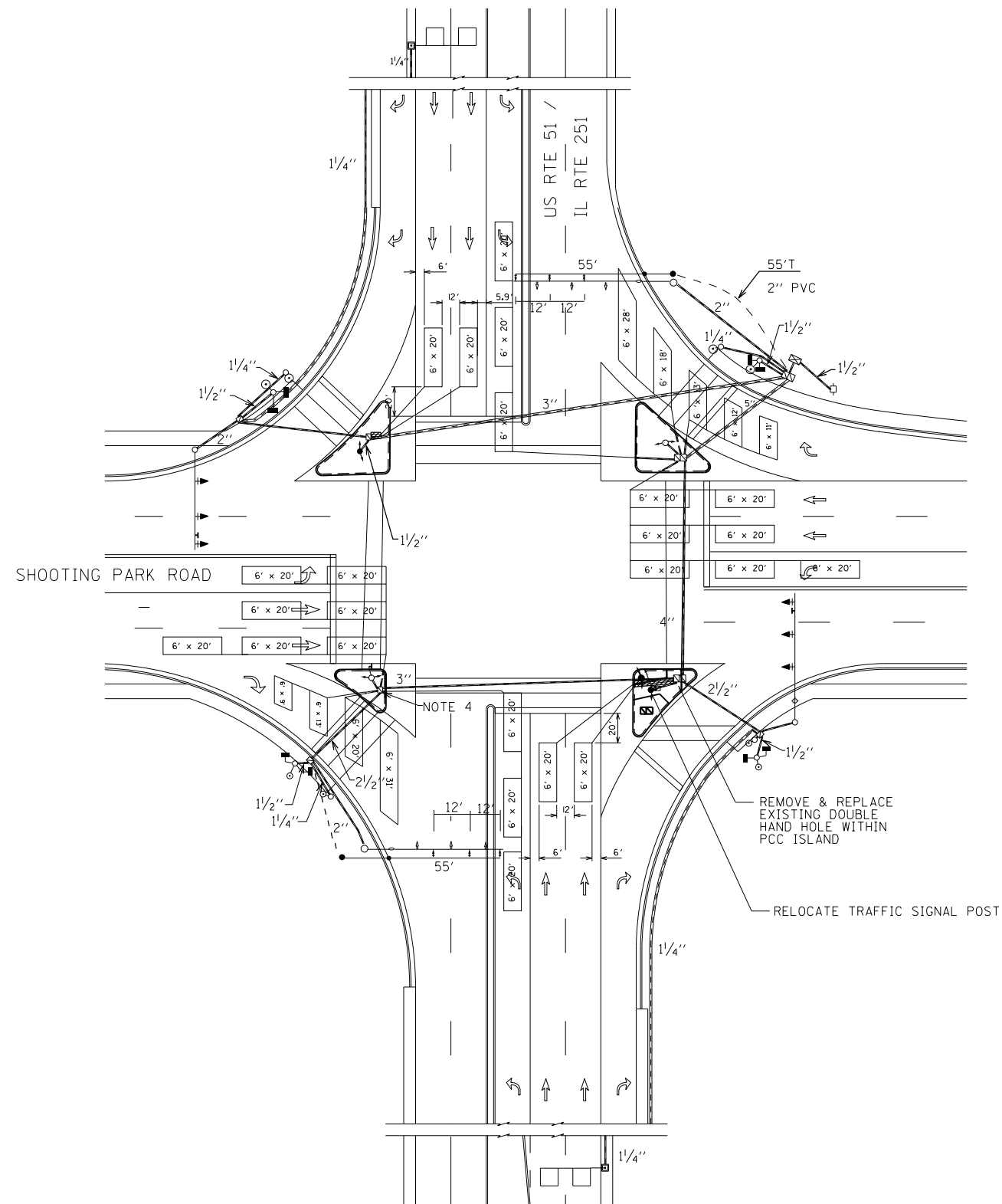
IL 251 & MIDWAY ROAD CABLE PLAN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	45
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP, TYPE 1	FOOT	2164
RELOCATE EXISTING TRAFFIC SIGNAL	EACH	1
DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
LOOP DETECTOR TESTING	EACH	1

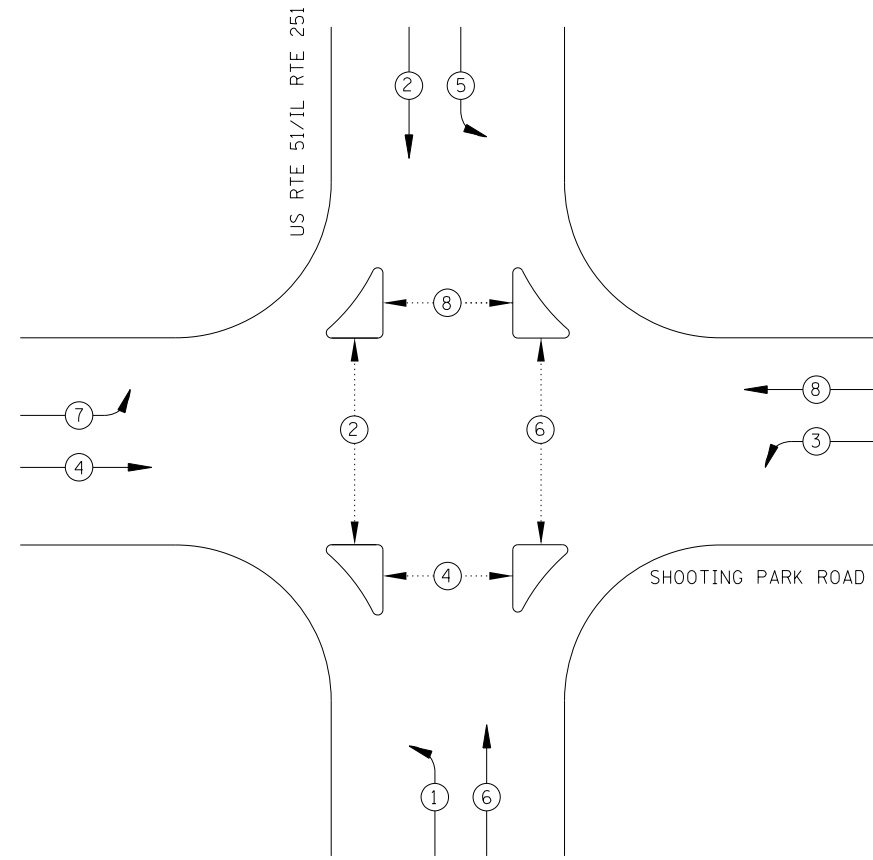
TRAFFIC SIGNAL GENERAL NOTES:
 1. PLACE DETECTOR LOOPS IN BINDER
 2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
 3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
 4. THE DEPARTMENT OF TRANSPORTATION (8125-434-8506) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS



TRAFFIC SIGNAL PLAN LEGEND









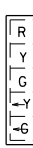





		CONTROLLER
		DETECTOR LOOP
		DETECTOR LOOP LINE
		UNDERGROUND CONDUIT
		HANDHOLE
		DOUBLE HANDHOLE
		HEAVY DUTY HANDHOLE
		PED. PUSHBUTTON DETECTOR
		PED. SIGNAL HEAD
		POWER POLE SERVICE
		SIGNAL HEAD W/ BACKPLATE
		SIGNAL POST
		STEEL MAST ARM
		WOOD POLE
		ELECTRICAL CABLE IN CONDUIT

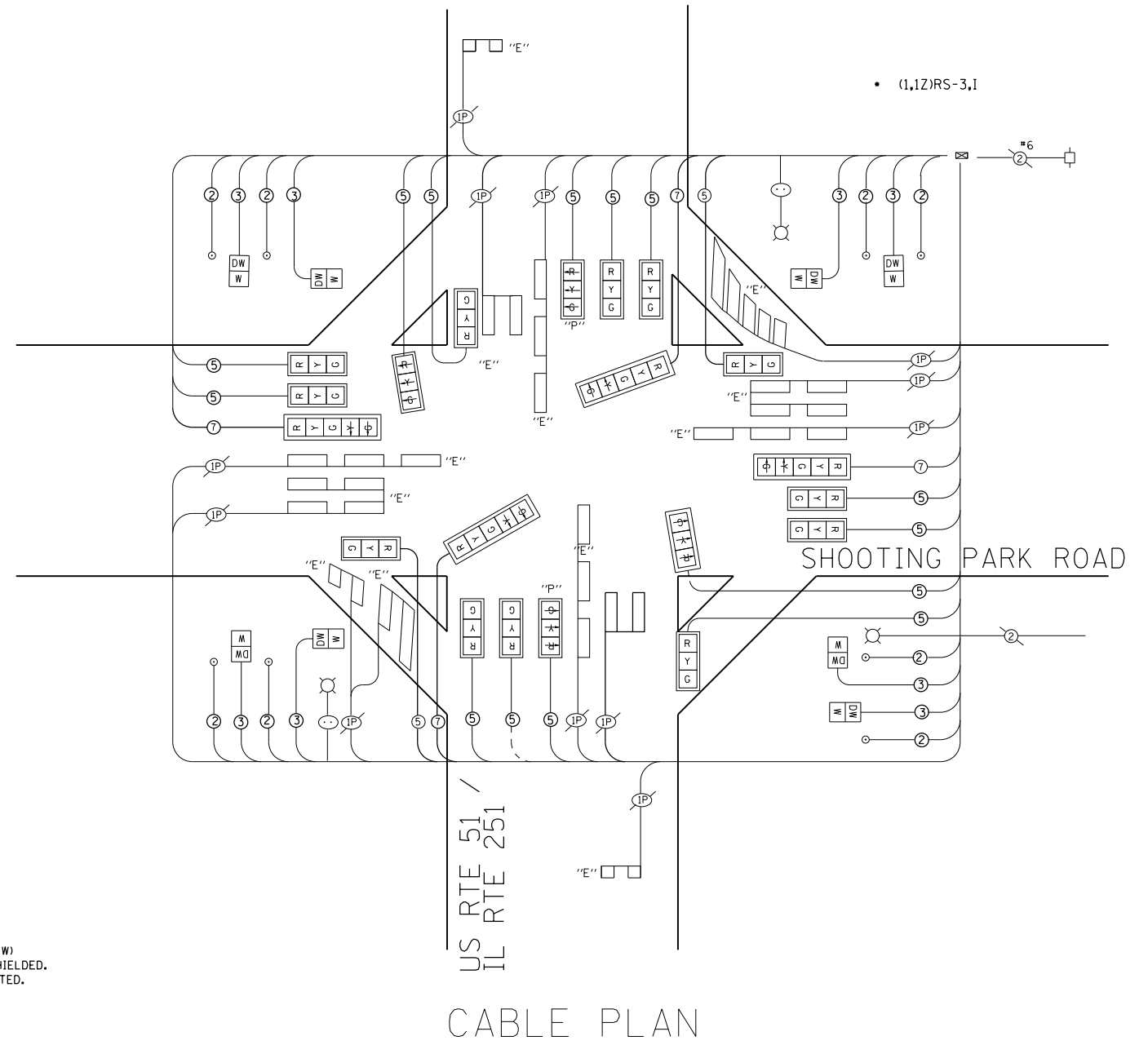
FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 251 & SHOOTING PARK ROAD TRAFFIC SIGNAL PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\duncanbd\0296614\0365C07-sht-details.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					46	(1,1Z)RS-4	LASALLE	54	46
	PLOT DATE = 6/14/2014	CHECKED -	REVISED -		CONTRACT NO. 66C07							
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



EXISTING AND PROPOSED PHASE DESIGNATION DIAGRAM

CABLE PLAN LEGEND

-  8" TRAFFIC SIGNAL SECTION
-  12" TRAFFIC SIGNAL SECTION
-  12" PEDESTRIAN SIGNAL SECTION
-  EX. CONTROLLER CABINET
-  VEHICLE DETECTOR, INDUCTION LOOP
-  PUSHBUTTON DETECTOR
-  DENOTES NUMBER OF CONDUCTORS (NEW)
ALL LOOP DETECTOR CABLE TO BE SHIELDED.
ALL CABLE NO. 14 EXCEPT AS INDICATED.
-  INDICATES EXISTING CABLE
-  SIGNAL FACE WITH BACKPLATE
"P" INDICATES OPTICAL PROGRAMMING.
-  EX. MAGNETIC DETECTOR
-  OPTICAL DETECTOR
-  SERVICE INSTALLATION, EXISTING
-  DUAL-INDICATION SIGNAL SECTION
-  ELECTRIC CABLE IN CONDUIT



CABLE PLAN

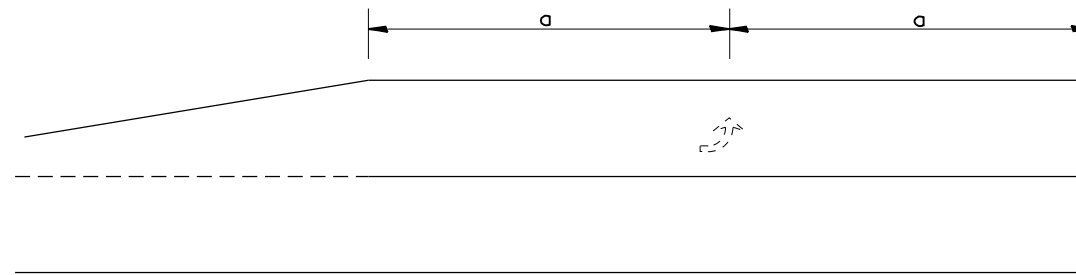
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PLOT DATE = 6/14/2014		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

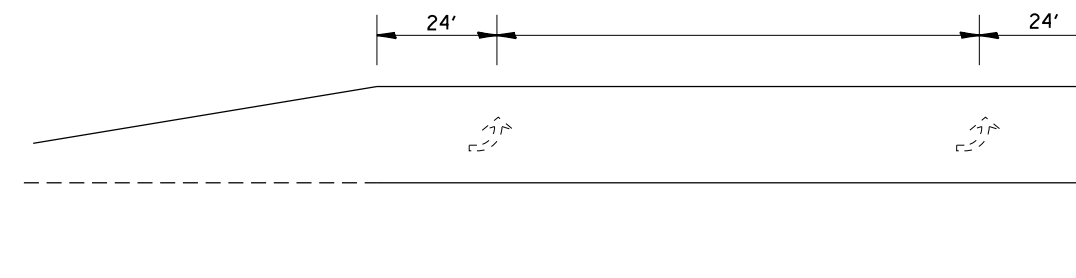
IL 251 & SHOOTING PARK ROAD
CABLE PLAN

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

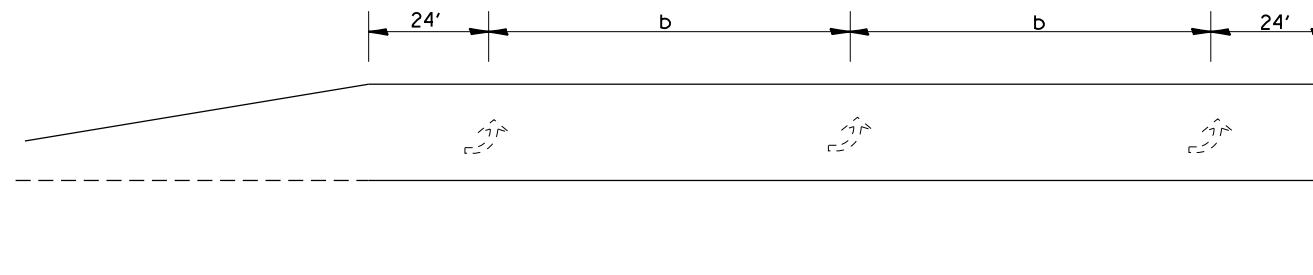
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	47
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



99' AND UNDER



100' TO 149'



150' AND LONGER

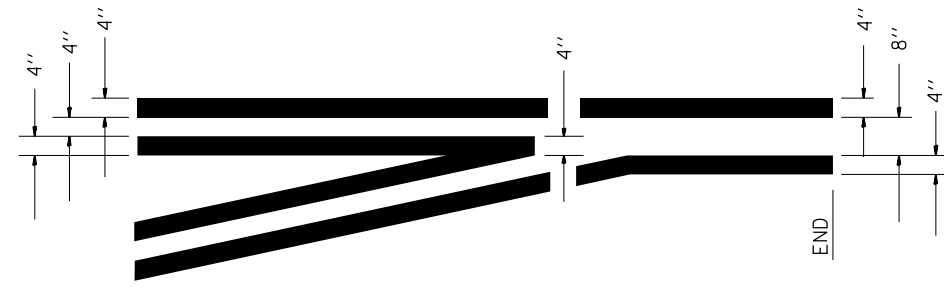
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	PLOT DATE = 6/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

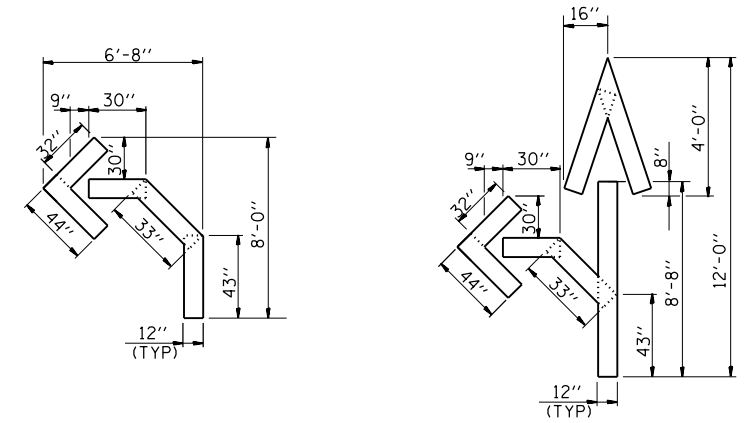
DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,1Z)RS-4	LASALLE	54	48
CONTRACT NO. 66C07			ILLINOIS FED. AID PROJECT	

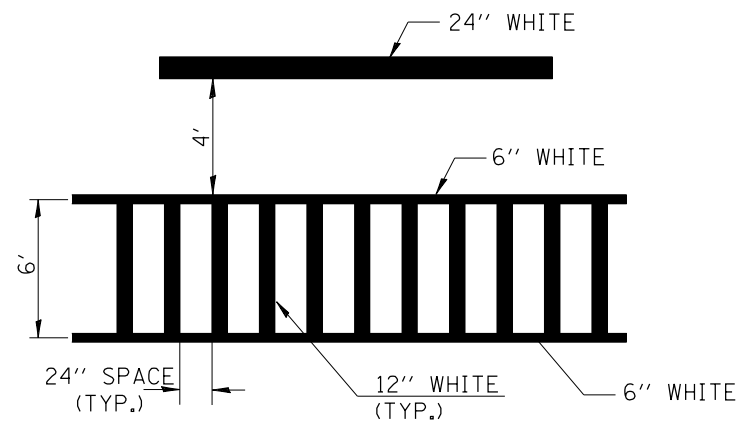


**TYPICAL APPLICATION
LEFT TURN LANES**

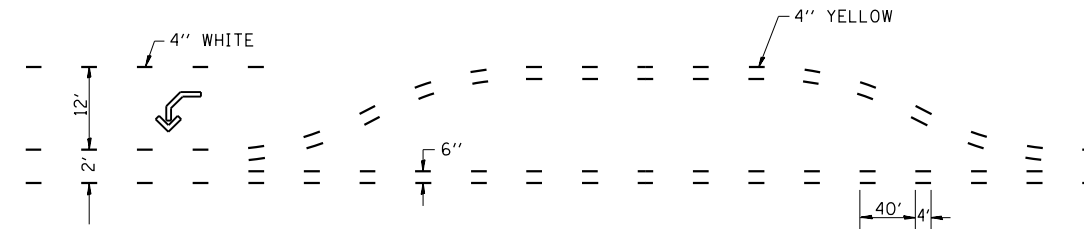


QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

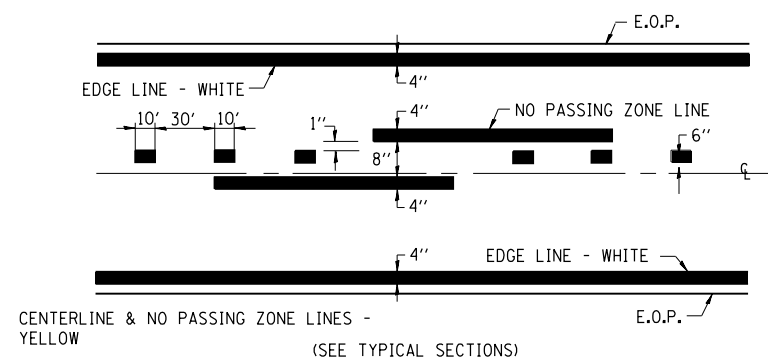
QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



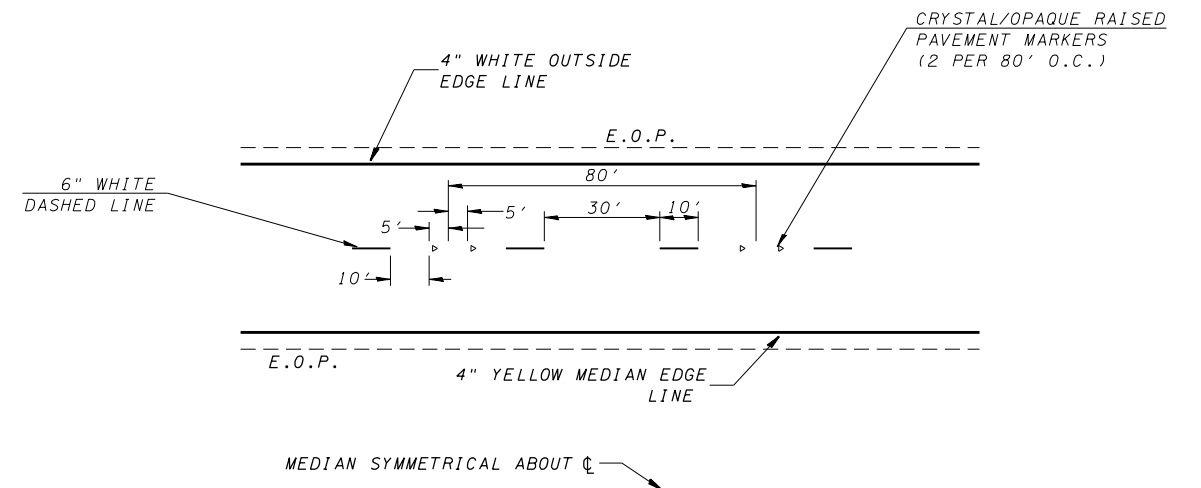
**TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS**



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



PAVEMENT MARKING



TYPICAL PAVEMENT MARKINGS

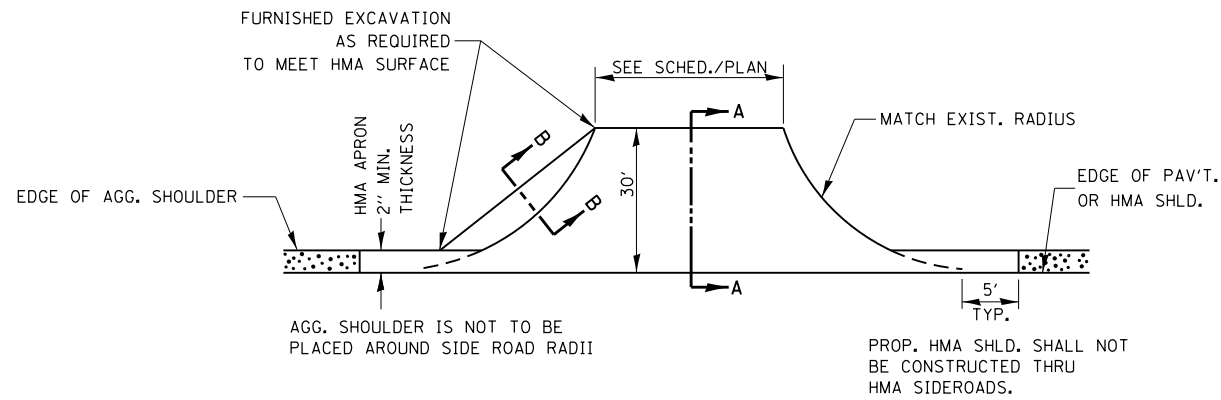
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	PLOT DATE = 6/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

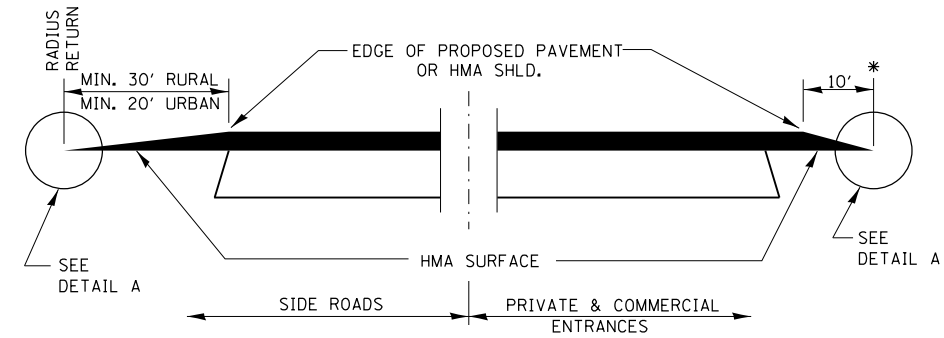
DETAILS

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

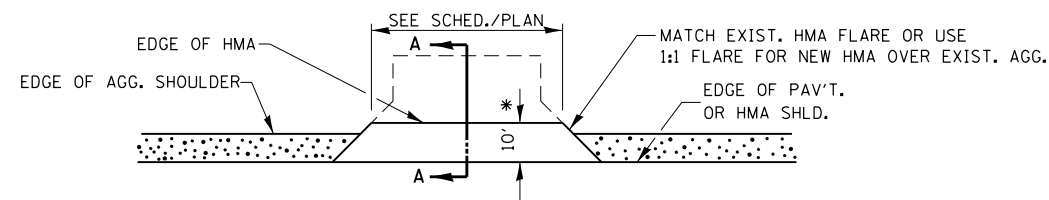
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	49
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



PLAN AT SIDE ROADS

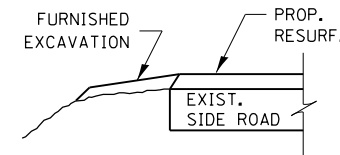


**SECTION A-A
DETAILS AT ENTRANCES & SIDE ROADS**

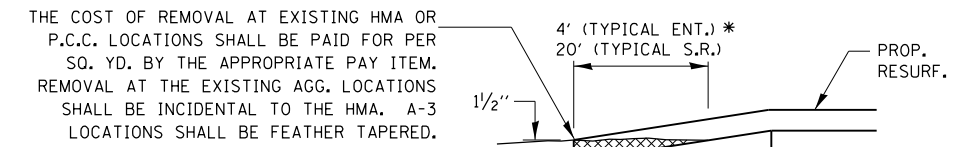


PLAN AT PRIVATE & COMMERCIAL ENTRANCES

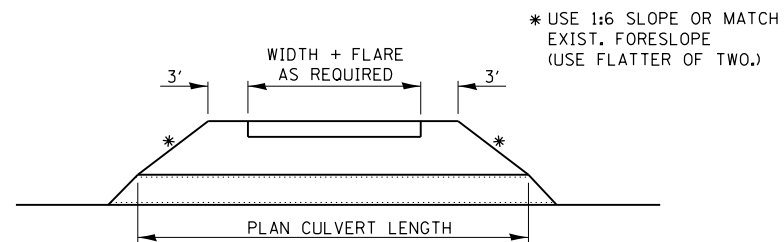
(DO NOT RESURFACE FIELD ENTRANCES)



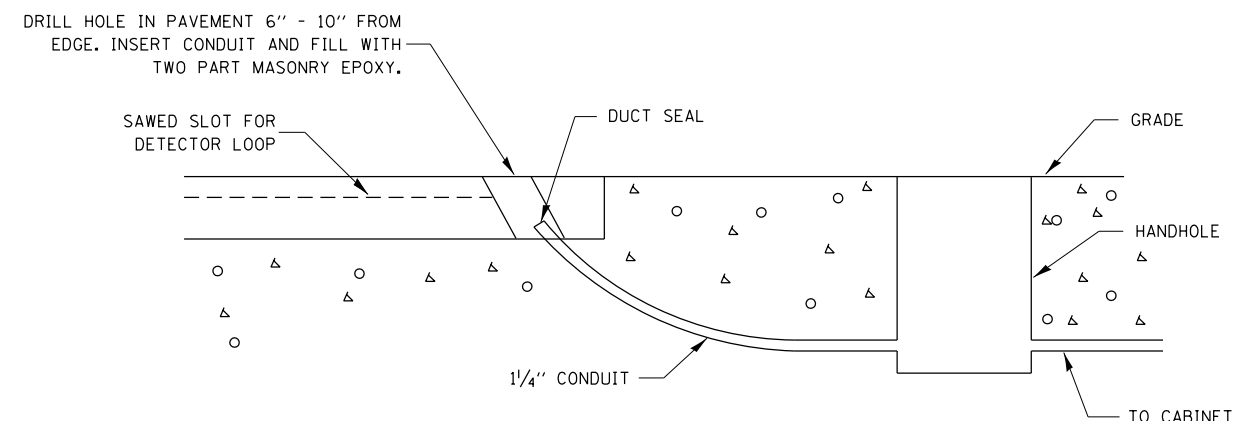
SECTION B-B



DETAIL A



FIELD ENTRANCE DETAIL



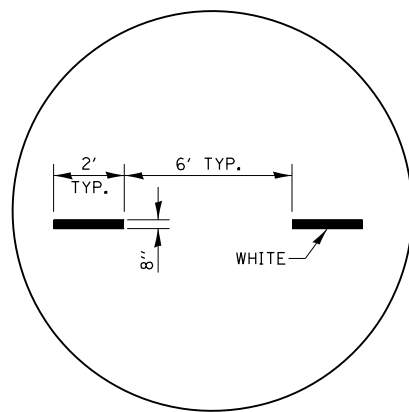
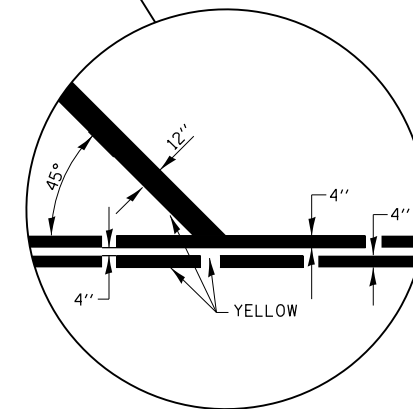
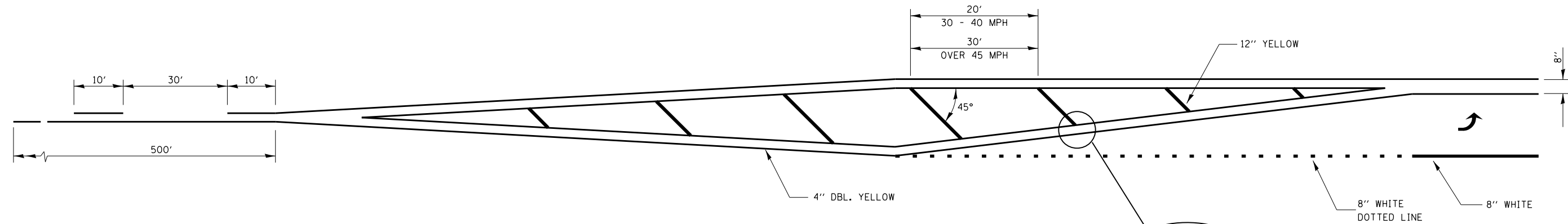
DETECTOR LOOP LEAD-IN DETAIL

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

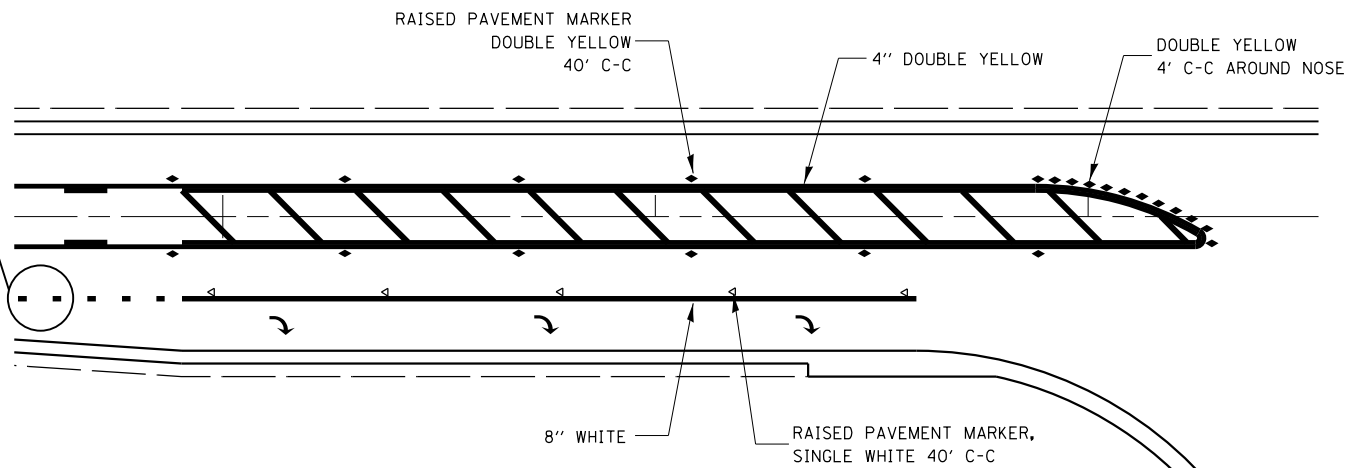
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	50
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**

URBAN PAVEMENT MARKING

780-5



**RAISED REFLECTIVE AND PAVEMENT MARKERS
RIGHT TURN LANE**

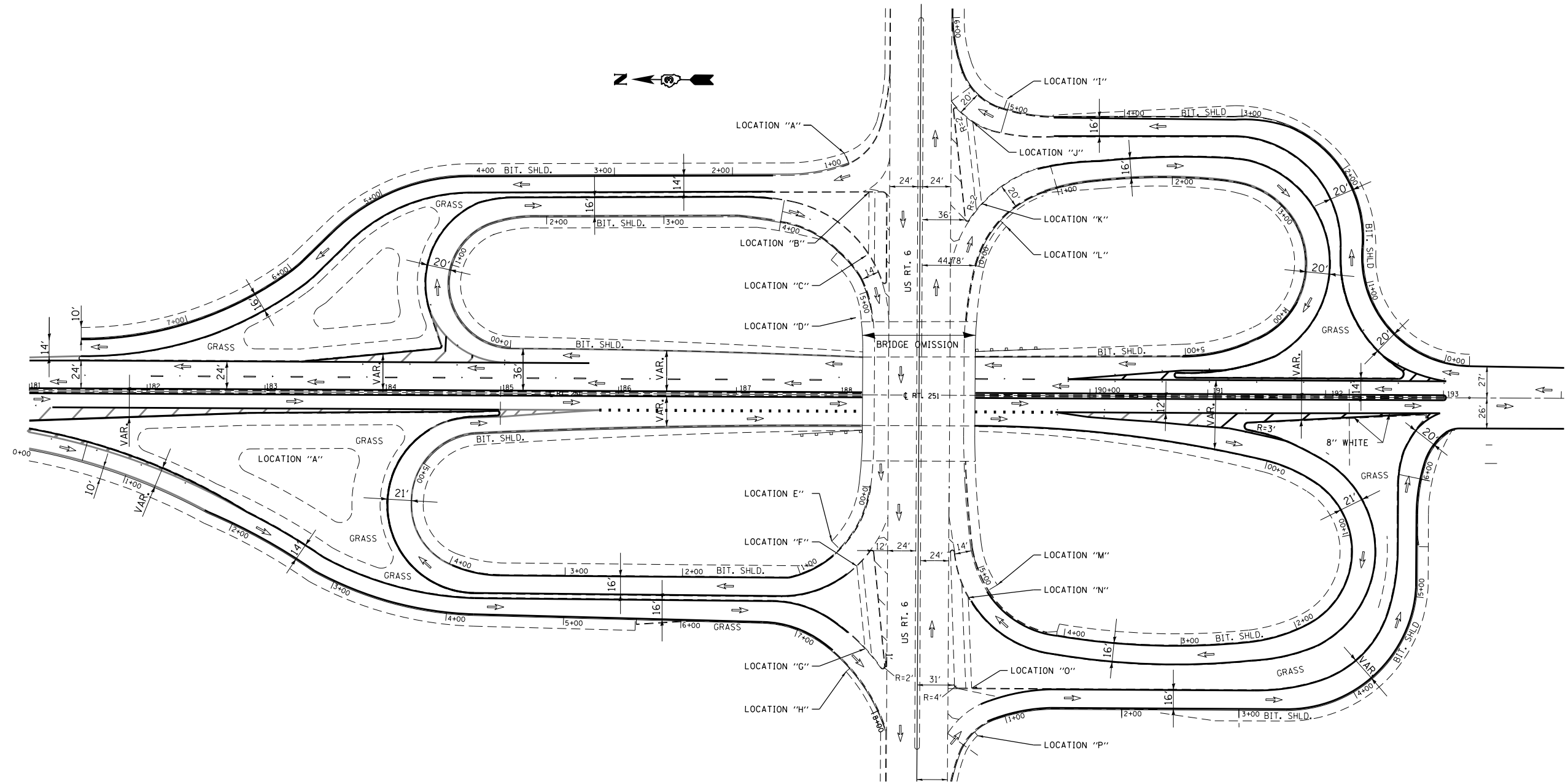
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/14/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,1Z)RS-4	LASALLE	54	51
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				



••NO WORK AT LOCATIONS "N" AND "O"••

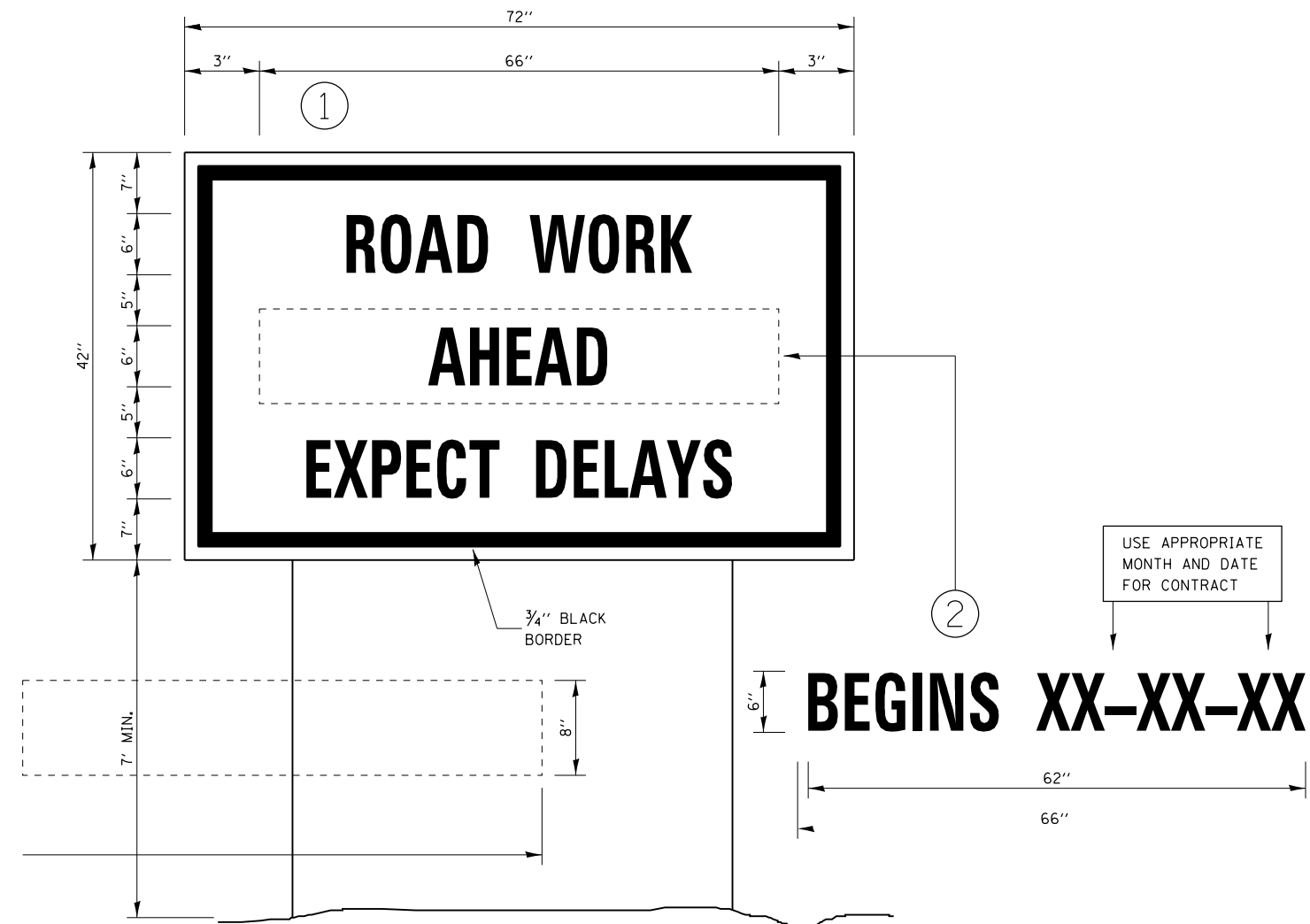
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 6/14/2014		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS
ADA LOCATION MAP**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
46	(1,12)RS-4	LASALLE	54	52
CONTRACT NO. 66C07				
ILLINOIS FED. AID PROJECT				

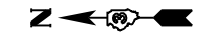
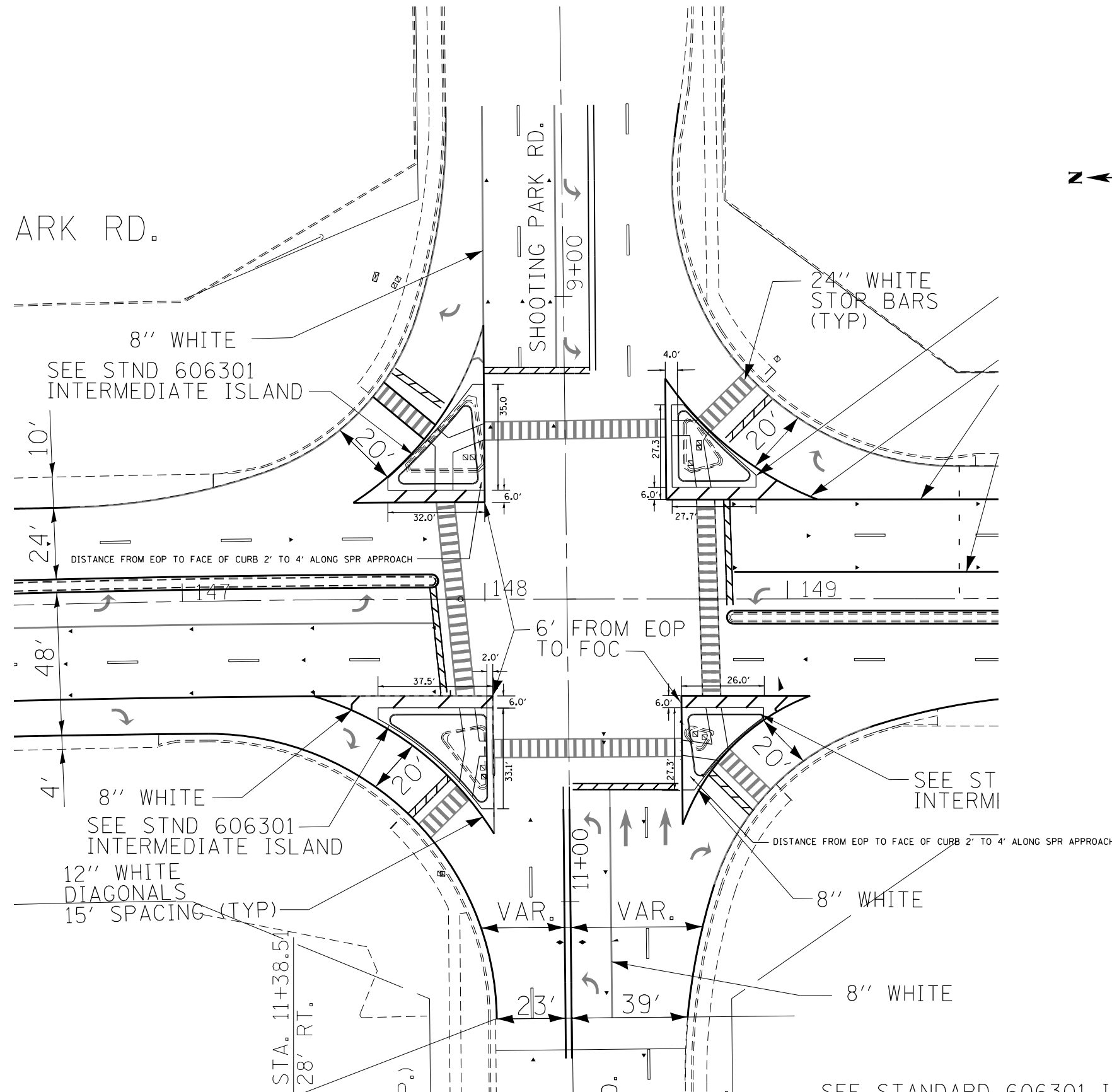


TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INFORMATION SIGNING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					46	(1,1Z)RS-4	LASALLE	54	53
	PLOT DATE = 6/14/2014	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66C07				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



SEE STANDARD 606301 INTERMEDIATE ISLANDS
 THE F.O.C. ON ALL ISLANDS SHOULD BE 6' FROM EOP ON IL 251

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\duncanbd\0296614\0366C07-sht-details.dgn		DRAWN -	REVISED -		46	(1,1Z)RS-4	LASALLE	54	54
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66C07				
	PLOT DATE = 6/14/2014	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.
					ILLINOIS FED. AID PROJECT				