

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	1
		ILLINOIS	CONTRACT NO. 66F62	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-6 SUMMARY OF QUANTITIES
- 7-9 SCHEDULES
- 10-44 CURB RAMP PLAN SHEETS
- 45-56 DETAILS

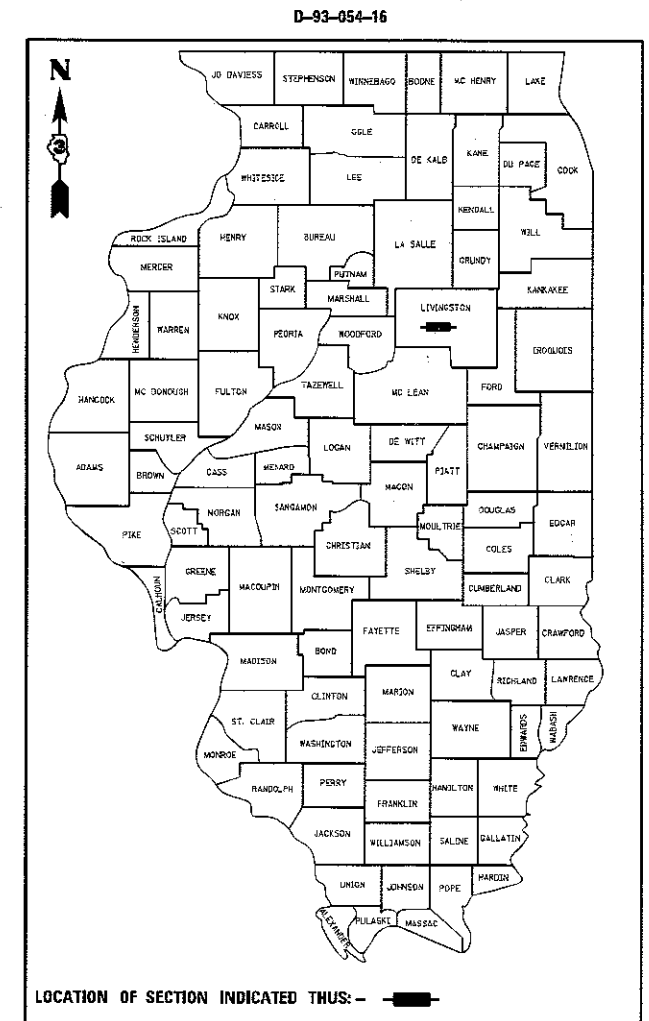
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 424001-09 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-02 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-03 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-03 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-03 DEPRESSED CORNER FOR SIDEWALKS
- 424026-01 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 602301-04 INLET, TYPE A
- 604006-05 FRAME AND GRATE, TYPE 3
- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-06 TRAFFIC CONTROL DEVICES
- 720006-04 SIGN PANEL ERECTION DETAILS
- 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING
- 876001-04 PEDESTRIAN PUSH BUTTON POST
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

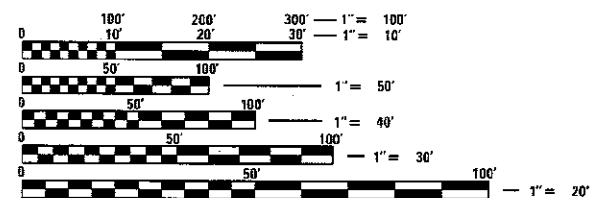
PROPOSED
HIGHWAY PLANS

FAP ROUTE 681 (IL 116)
SECTION (113) SW
PROJECT NHPP-0681(048)
ADA IMPROVEMENTS
LIVINGSTON COUNTY

C-93-103-16



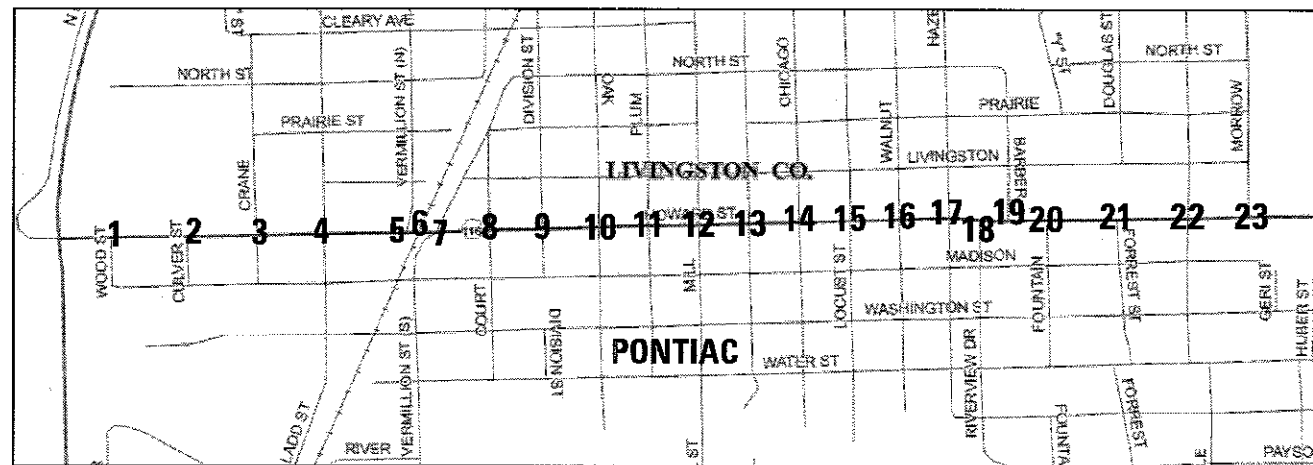
MINOR ARTERIAL
2015 ADT=8200
P.V.=91.2% S.U.=5.5% M.U.=3.3%



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: JOE KANNEL, P.E.
UNIT CHIEF: SCOTT FERGUSON, P.E.
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66F62



- | | | |
|--------------------------|----------------|------------------|
| 1. WOOD ST | 9. DIVISION ST | 17. HAZEL ST |
| 2. CULVER ST | 10. OAK ST | 18. RIVERVIEW DR |
| 3. CRANE ST | 11. PLUM ST | 19. BARBER ST |
| 4. LADD ST | 12. MILL ST | 20. FOUNTAIN ST |
| 5. VERMILLION ST (N LEG) | 13. MAIN ST | 21. FORREST ST |
| 6. RAIL CROSSING | 14. CHICAGO ST | 22. ELM ST |
| 7. VERMILLION ST (S LEG) | 15. LOCUST ST | 23. MORROW ST |
| 8. COURT ST | 16. WALNUT ST | |

GROSS & NET LENGTH = POINT LOCATIONS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 09/27 2017
John Marshall (was)
REGIONAL ENGINEER

June 30 2017
Mawson M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

June 30 2017
James W. ...
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

CURB RAMP REMOVAL & REPLACEMENT SCHEDULE

INTERSECTION	SIDEWALK REMOVAL	PCC SIDEWALK 4"	COMB CC&G REMOVAL	COMB CC&G B-6.24	COMB CC&G B-6.12	DETECTABLE WARNINGS	FRAMES AND LIDS TO BE ADJUSTED	FRAMES AND GRATES TO BE ADJUSTED	INLETS TO BE ADJUSTED WITH NEW TY 3 F&G	HANDHOLE TO BE ADJUSTED	RELOCATE SIGN PANEL ASSEMBLY TYPE A	WATER VALVES TO BE ADJUSTED	INLET TY A TY 3 FRAME & GRATE	STORM SEWER CL A TY 1 12"
	SQ FT	SQ FT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT
CRANE ST														
NE	25	25	0	0		8								
SW	62	65	11	11		8								
SE	106	117	21	21		16								
LADD ST														
NE	215	193	21	21		11								
SW	95	105	25	25		10								
SE	85	94	20	20		14				1				
VERMILLION ST (NORTH LEG)														
NW	57	57	0	0		10								
SW	91	98	19	19		16								
VERMILLION ST (SOUTH LEG)	PAVEMENT MARKINGS ONLY													
COURT ST														
NE	158	172	26	26		16			1					
SW	114	134	9	9		8			1					
SE	233	277	17	17		19								
DIVISION ST														
NW	242	215	19	19		10			1					
NE	85	90	12	12		8								
SW	186	210	33	22	19	19							1	8
SE	140	171	32	26	14	8					1		1	6
OAK ST														
NW	176	214	23	23		16		1						
NE	58	66	20	20		17		1						
SW	159	177	24	24		15		1						
SE	181	214	22	16	9	12			1					
PLUM ST														
NW	130	130	23	23		20		1						
NE	215	238	22	22		18		1						
SW	220	240	16	16		18			1					
SE	142	145	23	23		16			1					
MILL ST														
NW	393	393	43	43		12			1	1				
NE	289	289	36	36		15			1					
SW	300	305	23	23		18		1		1				
SE	244	350	36	30	14	16							1	8
MAIN ST														
NW	312	334	49	49		18			1	1				
NE	264	294	49	49		23				1				
SW	378	451	35	56		16							1	12
SE	138	138	22	22		16				1				
CHICAGO ST														
NW	228	250	16	16		20								
NE	168	122	23	23		10								
SW	180	180	27	27		16			1					
SE	258	262	41	41		20			1					
PAGE ONE SUBTOTAL	6327	6815	838	830	56	513	0	6	11	6	1	0	4	34

CURB RAMP REMOVAL & REPLACEMENT SCHEDULE														
INTERSECTION	SIDEWALK REMOVAL	PCC SIDEWALK 4"	COMB CC&G REMOVAL	COMB CC&G B-6.24	COMB CC&G B-6.12	DETECTABLE WARNINGS	FRAMES AND LIDS TO BE ADJUSTED	FRAMES AND GRATES TO BE ADJUSTED	INLETS TO BE ADJUSTED WITH NEW TY 3 F&G	HANDHOLE TO BE ADJUSTED	RELOCATE SIGN PANEL ASSEMBLY TYPE A	WATER VALVES TO BE ADJUSTED	INLET TY A TY 3 FRAME & GRATE	STORM SEWER CL A TY 1 12"
	SQ FT	SQ FT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT
LOCUST ST														
NW	178	188	25	25		16			1					
NE	154	166	25	25		16			1			1		
SW	224	241	21	21		18			1					
SE	182	202	25	25		17			1					
WALNUT ST														
NW	215	215	25	25		16		1						
NE	215	215	26	26		16		1						
SW	210	235	26	26		18		1	1					
SE	273	296	26	26		17		1						
HAZEL ST														
NW	96	140	23	23		16								
NE	104	124	13	13		19								
SW	110	136	21	21		16								
SE	107	130	14	14		22		1						
RIVERVIEW DR														
SW	48	70	9	9		8								
SE	81	122	14	14		14								
BARBER ST														
NW	121	129	16	16		11	1							
NE	120	122	13	13		19								
SE	95	98	12	12		10								
FOUNTAIN ST														
SW	90	90	13	13		12						1		
SE	138	140	12	12		13								
FORREST ST														
SW	77	87	13	13		8								
SE	78	70	9	9		8								
ELM ST														
NW	193	203	36	36		14								
NE	157	170	20	20		30								
SW	184	222	23	23		16								
SE	206	247	30	30		20								
MORROW ST														
NW	95	103	12	12		8								
NE	211	204	43	43		20		1						
SE	127	148	14	14		10								
PAGE TWO SUBTOTAL	4089	4513	559	559	0	428	1	6	5	0	0	2	0	0
TOTAL	10416	11328	1397	1389	56	941	1	12	16	6	1	2	4	34

TRAFFIC SIGNAL SCHEDULE											
INTERSECTION	LOOP DETECTOR TESTING	LOOP DETECTOR TY 1	DRILL EXISTING HANDHOLE	ELECTRICAL CABLE IN CONDUIT LEAD-IN NO. 14 1P	ELECTRICAL CABLE IN CONDUIT SIGNAL NO. 14, 2C	ELECTRICAL CABLE IN CONDUIT EQUIP. GRN. NO. 6, 1C	UNDERGROUND CONDUIT PVC 1 1/2" DIA.	MODIFY EXIST. CONTROLLER CABINET	MAINTENANCE OF EXIST. TRAF. SIGNAL INSTALL.	PEDESTRIAN PUSH BUTTON	PEDESTRIAN PUSH BUTTON POST TY 1
	EACH	FOOT	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH
LADD ST	1										
MILL ST (NW)		500		16				1			
MILL ST (SE)		275	1	150	175	175	5	1	1	2	1
MAIN ST (NW)		236		85				1			
ELM ST	1										
MORROW ST (NW)			1		130	130	6	1	1	1	1
MORROW ST (NE)			1		70	70	26	1	1	2	1
TOTAL	2	1011	3	251	375	375	37	5	3	5	3

LANDSCAPING SCHEDULE					
INTERSECTION	SODDING SALT TOLERANT SQ YD	NITROGEN FERTILIZER NUTRIENTS POUND	PHOSPHORUS FERTILIZER NUTRIENTS POUND	POTASSIUM FERTILIZER NUTRIENTS POUND	SUPPLEMENTAL WATERING UNIT
LADD ST NE	2.6	0.1	0.1	0.1	0.13
DIVISION ST NW	3.0	0.1	0.1	0.1	0.15
SW	8.8	0.2	0.2	0.2	0.44
SE	6.2	0.1	0.1	0.1	0.31
OAK ST SE	2.5	0.1	0.1	0.1	0.13
CHICAGO ST NE	5.5	0.1	0.1	0.1	0.28
SE	6.2	0.1	0.1	0.1	0.31
FORREST ST SE	1.5	0.1	0.1	0.1	0.08
MORROW ST NE	4.3	0.1	0.1	0.1	0.22
TOTAL	40.6	1.0	1.0	1.0	2.1

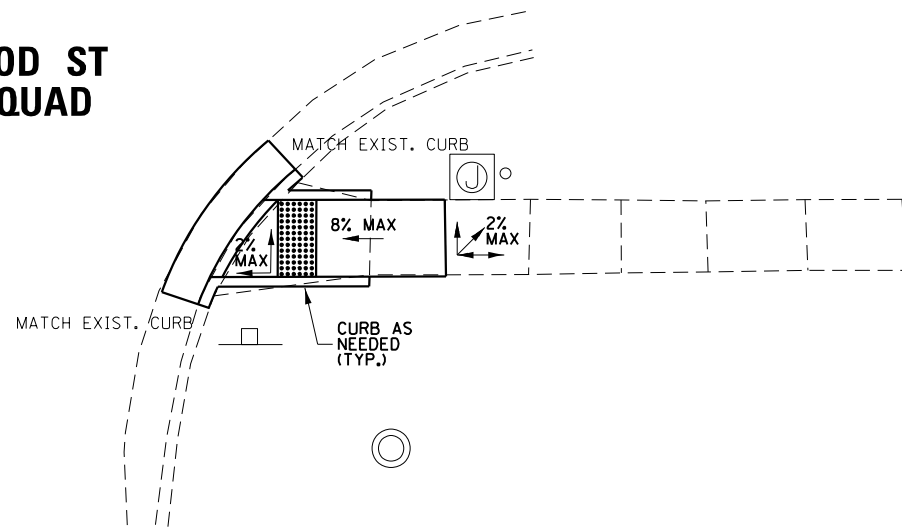
PAVEMENT MARKING SCHEDULE						
INTERSECTION	PAVEMENT MARKING REMOVAL SQ FT	GROOVING FOR PVMT MARKING, 7" SQ FT	GROOVING FOR PVMT MARKING, 25" SQ FT	POLYUREA PAVEMENT MARKINGS		
				WHITE		
				6" FOOT	12" FOOT	24" FOOT
LADD ST	137	276	124	276		124
VERMILLION ST (N LEG)	0	120	38	120		38
VERMILLION ST (S LEG)	0	63	24	63		24
PLUM ST	45	90	14	90		14
MILL ST	38	392	104	392		104
MAIN ST	35	341	90	341		90
ELM ST	230	458	104	458		104
MORROW ST	0	120	12	120	48	12
TOTAL	485	1860	510	1860	48	510

RESURFACING AND PAVEMENT SCHEDULE							
INTERSECTION	HMA SURFACE REMOVAL 1 1/2" SQ YD	INCIDENTAL HMA SURFACING TON	BIT MTLs TACK COAT POUND	DRIVEWAY PAVEMENT REMOVAL SQ YD	PCC DRIVEWAY PAVEMENT, 6" SQ YD	PAVEMENT REMOVAL SQ YD	TEMPORARY RAMPS
	DIVISION ST (SOUTH)	152	13	68			23
OAK ST (SOUTH)	114	10	51			6	55
MILL ST (SOUTH)	114	10	51			12	55
MAIN ST (SW QUAD)	167	14	75			14	55
CHICAGO ST (SE QUAD)				15.0	12.5		
TOTAL	547	47	245	15.0	12.5	55	220

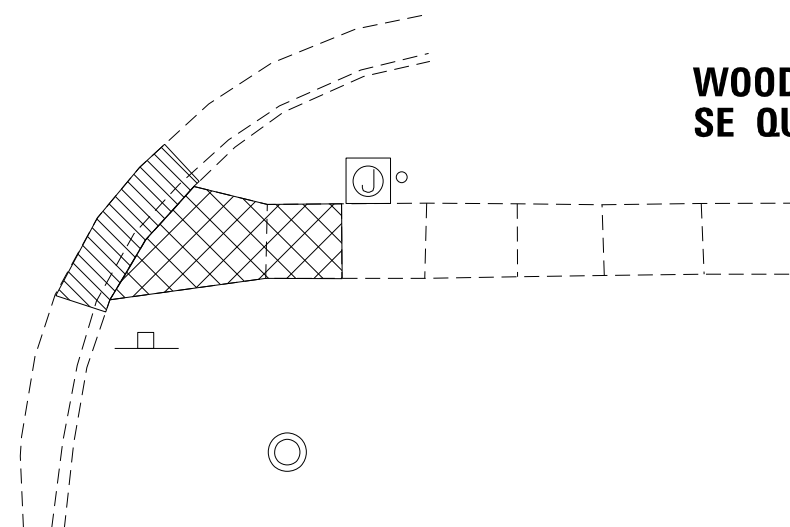


FUTURE DESIGN FOR INFORMATION ONLY NOT PART OF CONTRACT

**WOOD ST
SE QUAD**



**WOOD ST
SE QUAD**

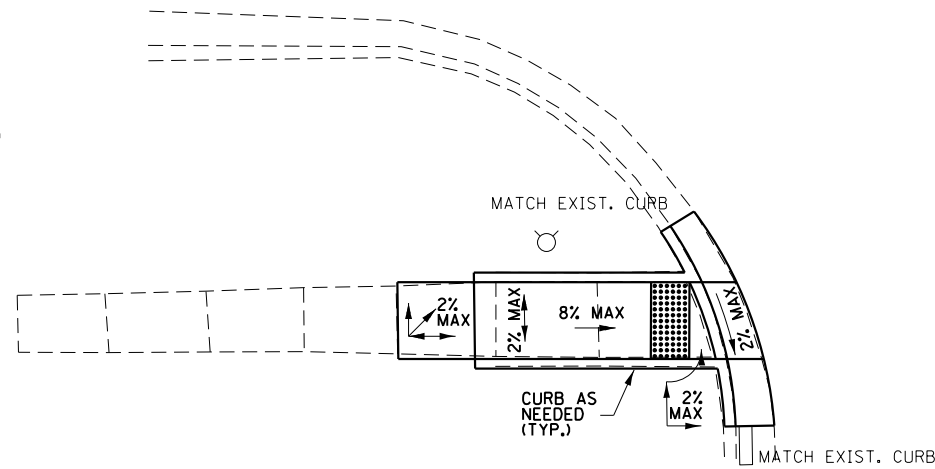


- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT

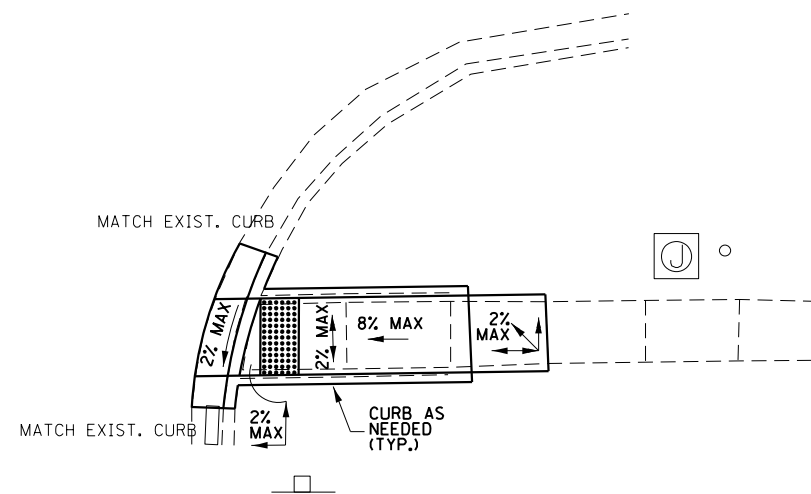
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	PLOT DATE = 5/22/2017	DATE -	REVISION	ILLINOIS FED. AID PROJECT									



CULVER ST
SW QUAD

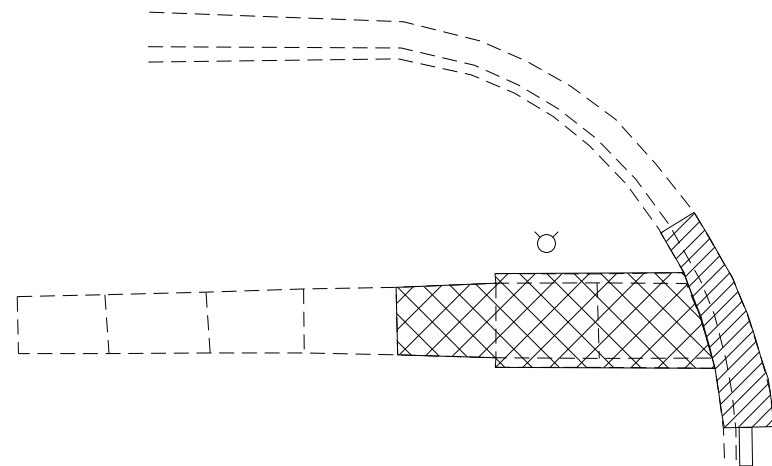


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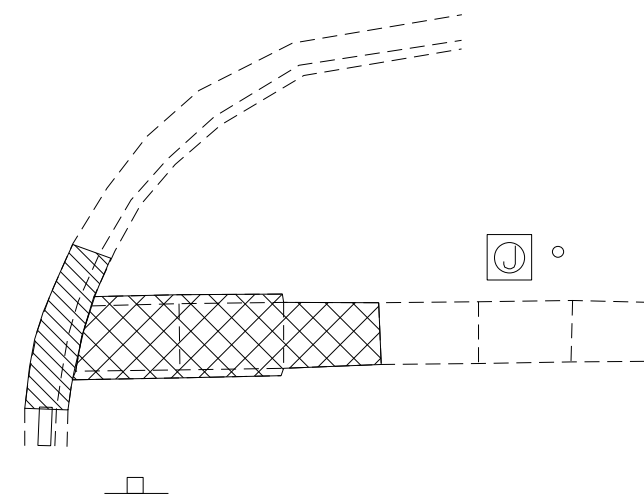







FUTURE DESIGN FOR INFORMATION ONLY NOT PART OF CONTRACT

CULVER ST
SW QUAD



CULVER ST
SE QUAD



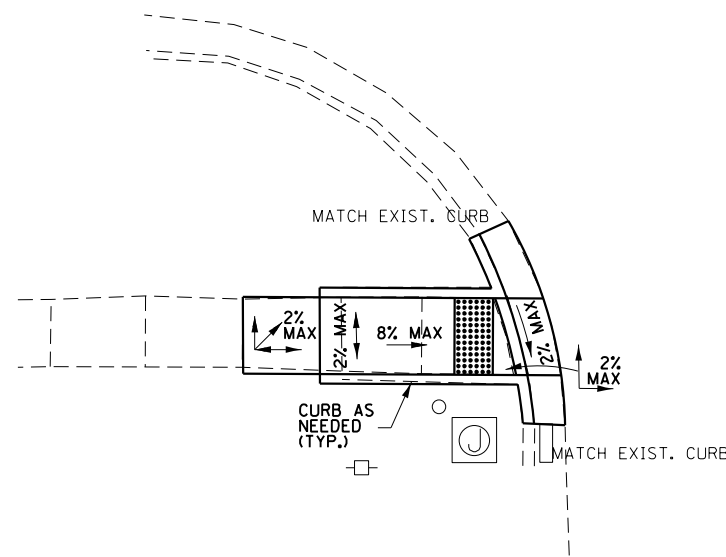
- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- PAVEMENT REMOVAL 
- SODDING SALT TOLERANT 



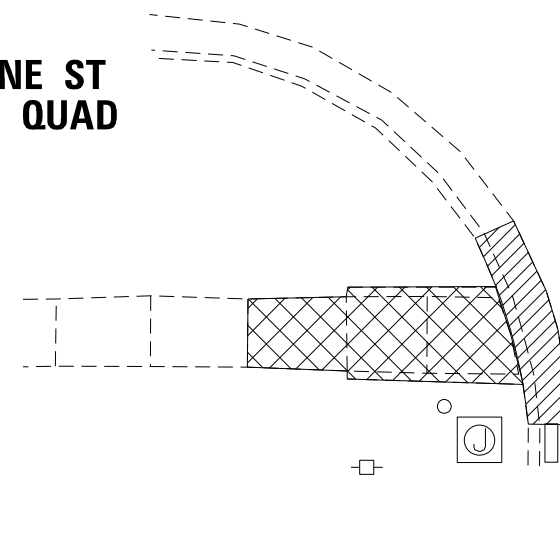
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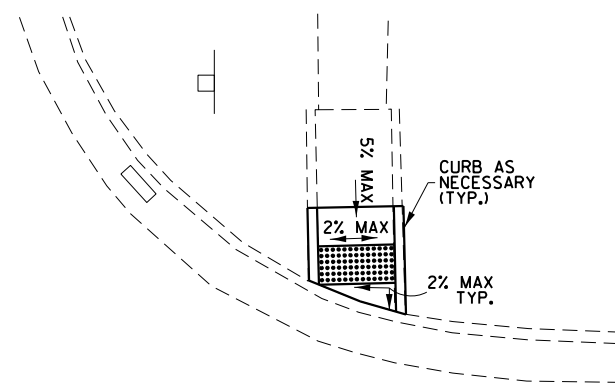
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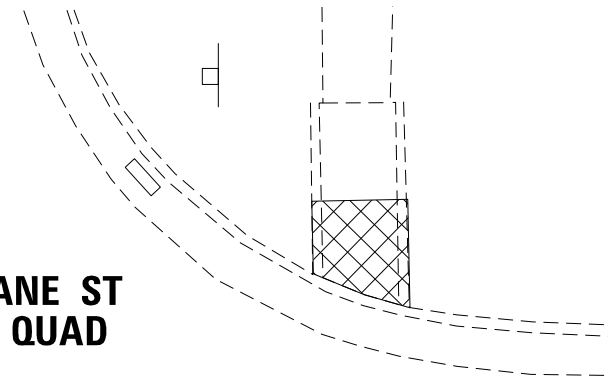
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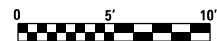
**CRANE ST
NE QUAD**



**CRANE ST
NE QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

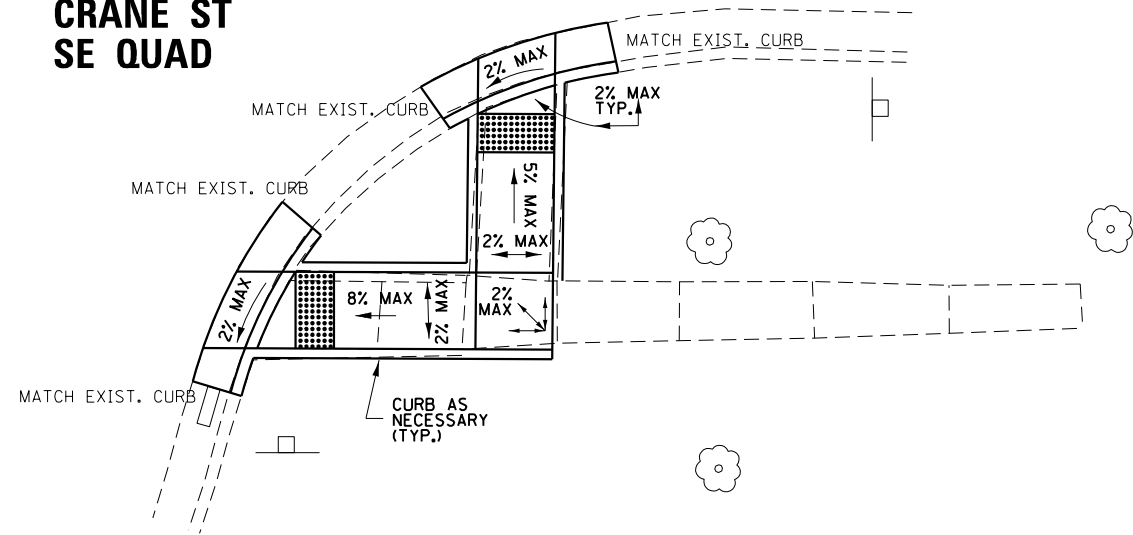
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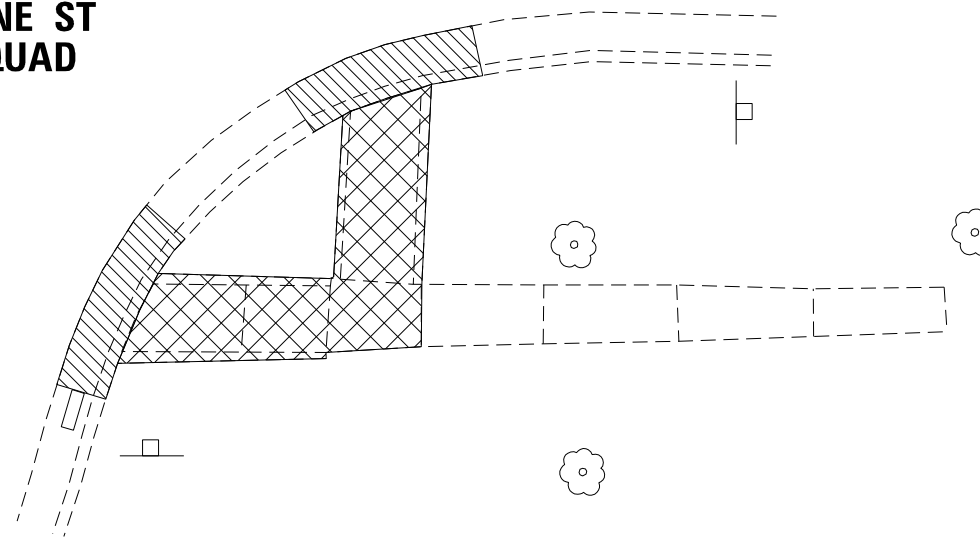
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	12
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



**CRANE ST
SE QUAD**



**CRANE ST
SE QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

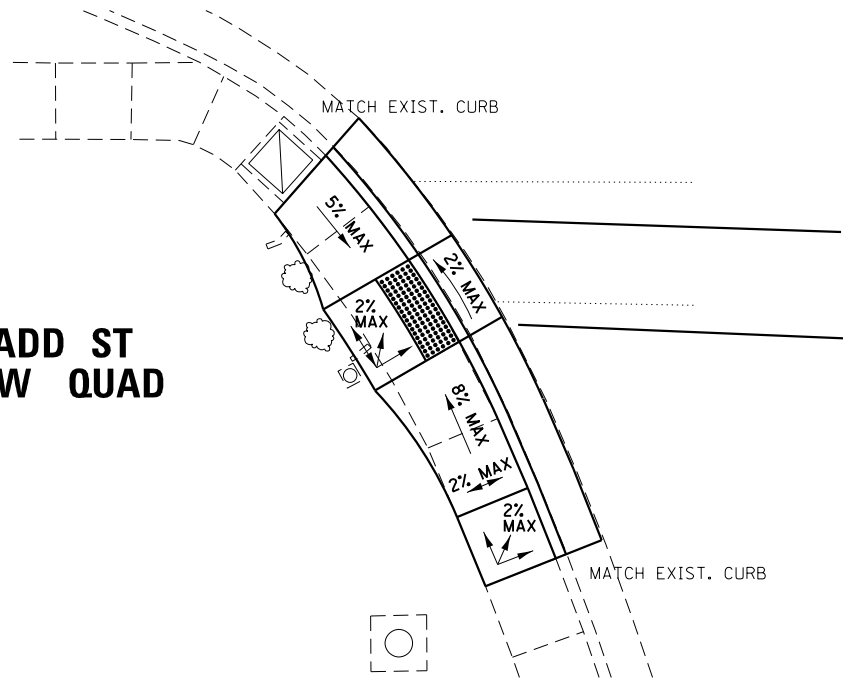
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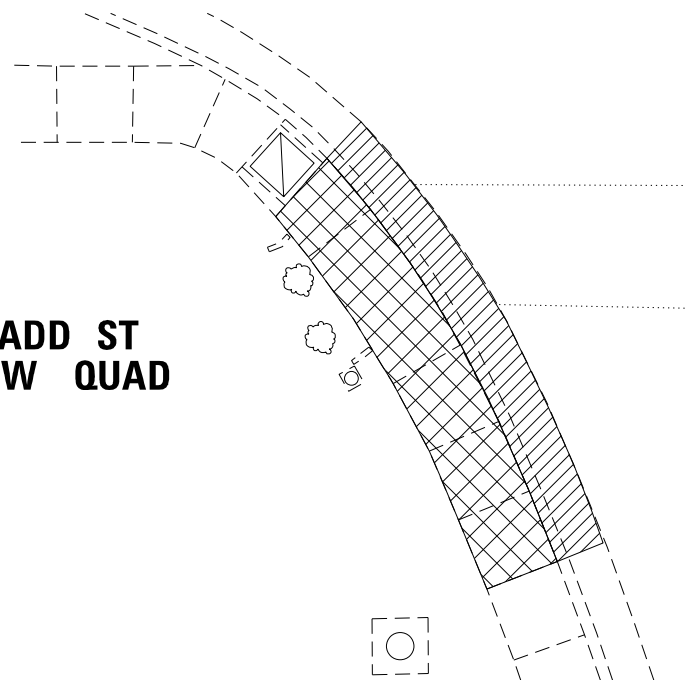
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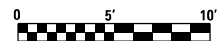
**LADD ST
SW QUAD**



**LADD ST
SW QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

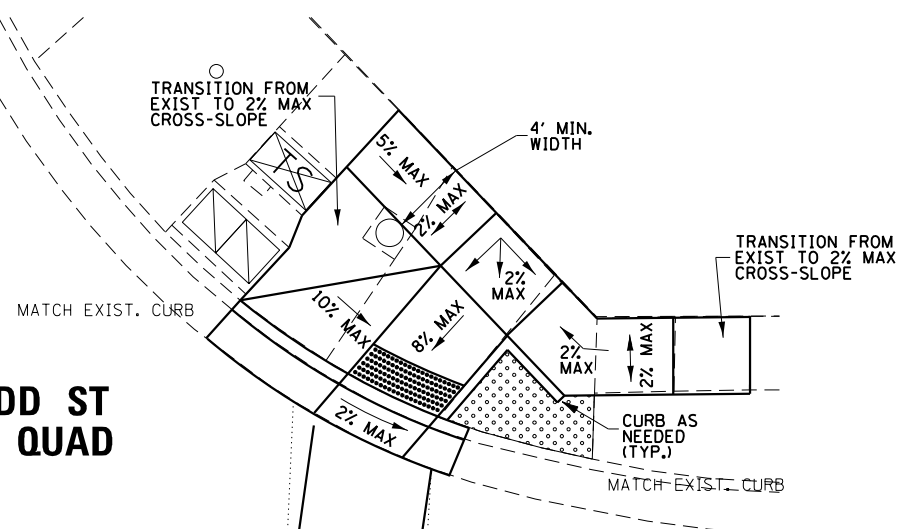
LADD ST

SCALE: SHEET OF SHEETS STA. TO STA.

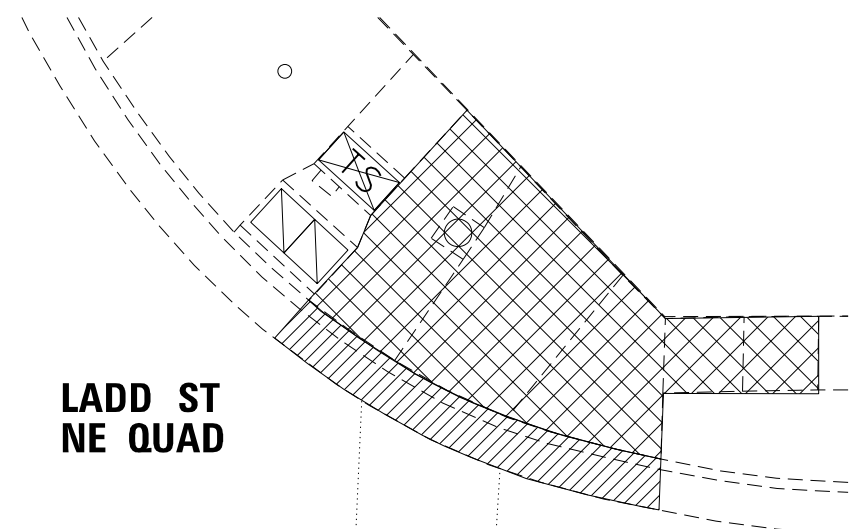
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**LADD ST
NE QUAD**



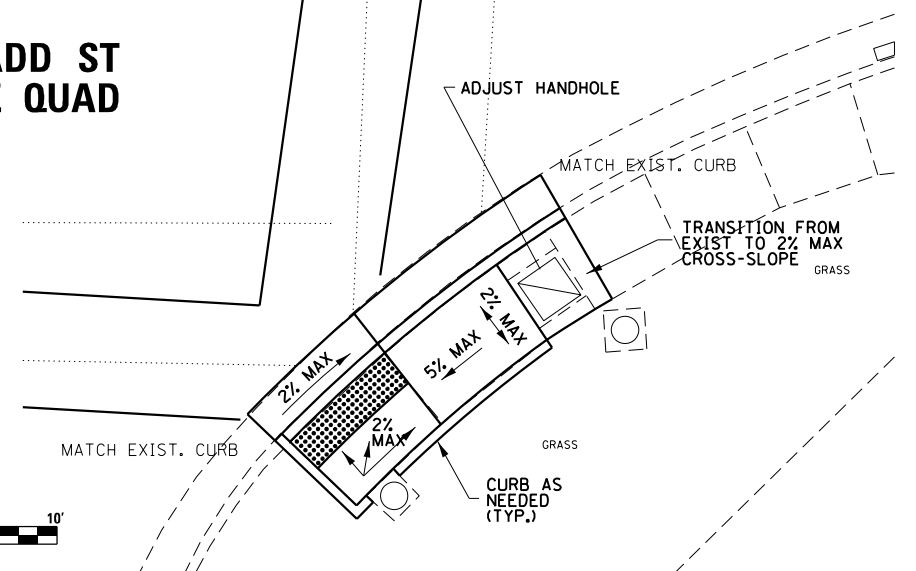
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NE QUAD**



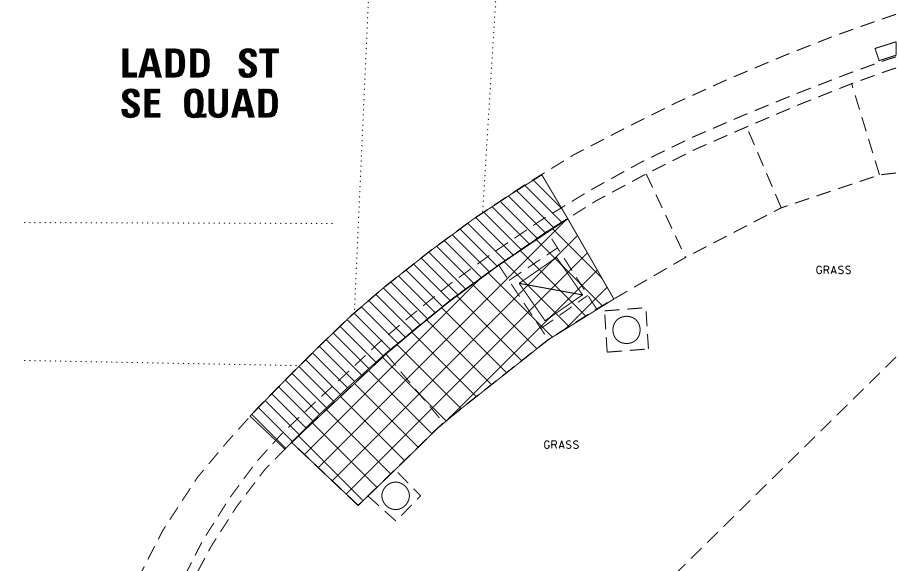
SEE FOR INFORMATION ONLY SHEETS FOR DETAILS

BILL OF MATERIALS			
DESCRIPTION	UNIT	QUANTITY	
LOOP DETECTOR TESTING	EACH	1	

**LADD ST
SE QUAD**



**LADD ST
SE QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
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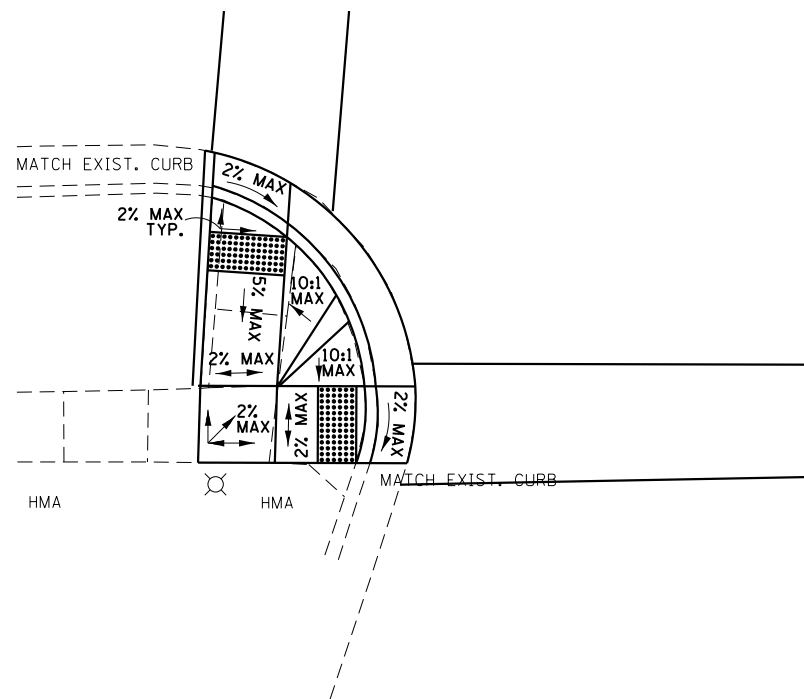
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LADD ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

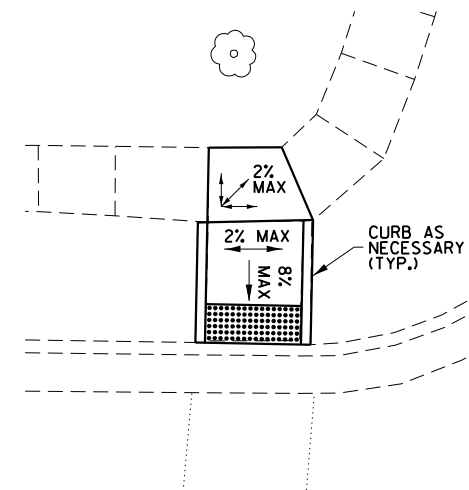
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	15
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



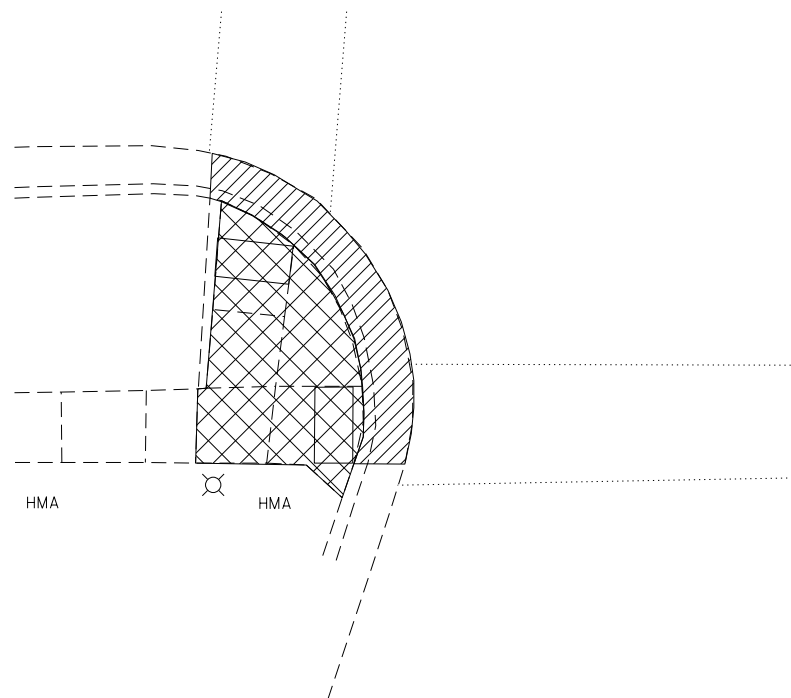
**VERMILLION ST
SW QUAD**



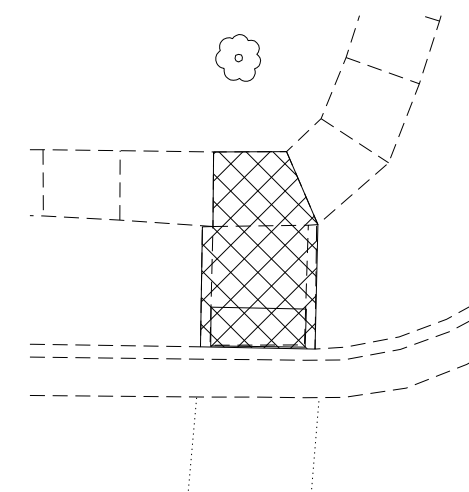
**VERMILLION ST
NW QUAD**



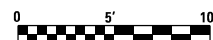
**VERMILLION ST
SW QUAD**



**VERMILLION ST
NW QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



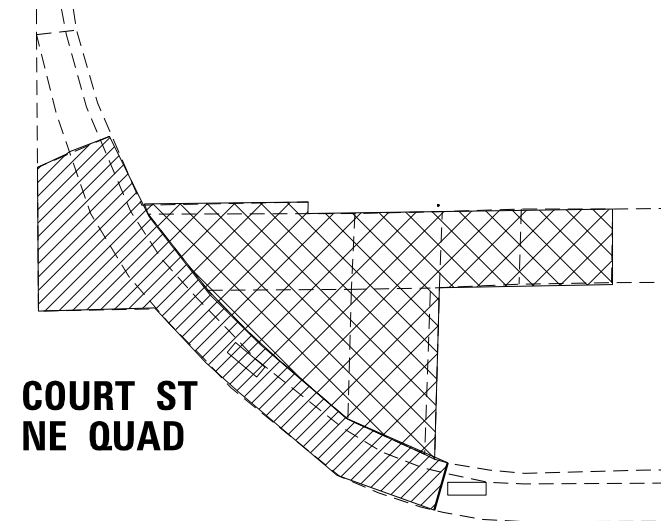
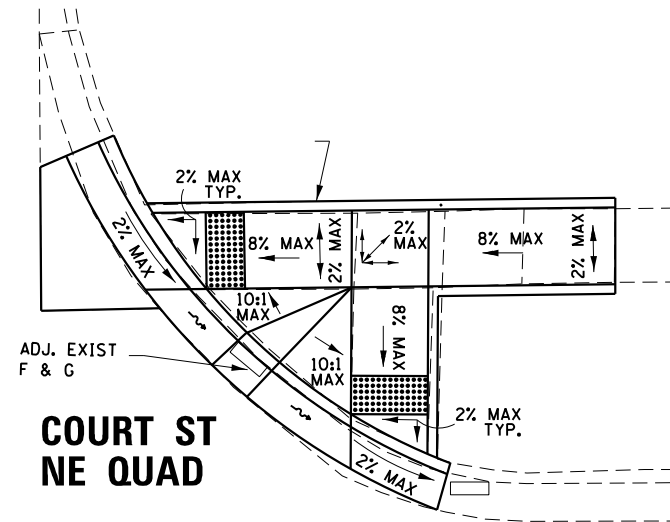
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Default	PLOT DATE = 4/14/2017	DATE -	REVISED -






**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

VERMILLION ST (NORTH LEG)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	16
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- PAVEMENT REMOVAL 
- SODDING SALT TOLERANT 

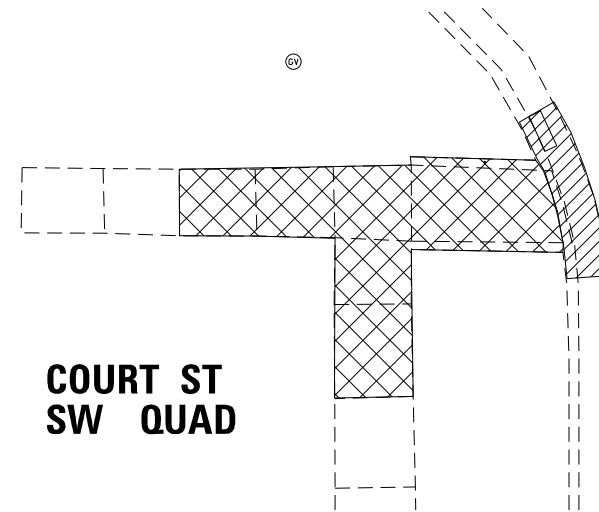
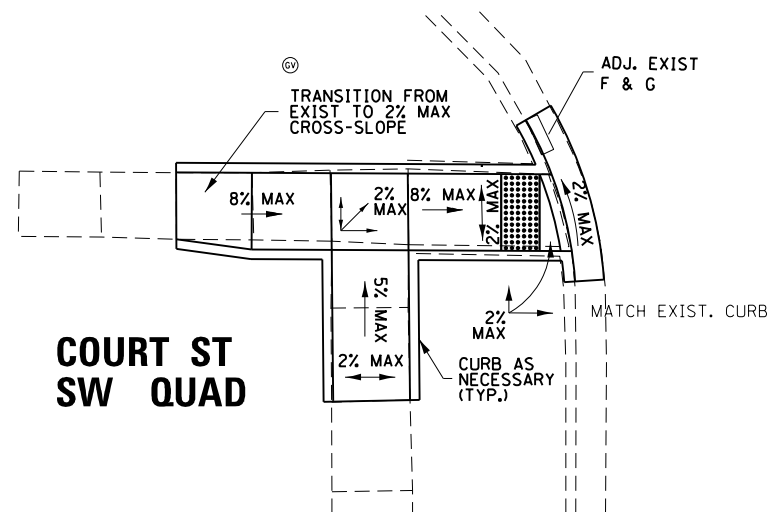
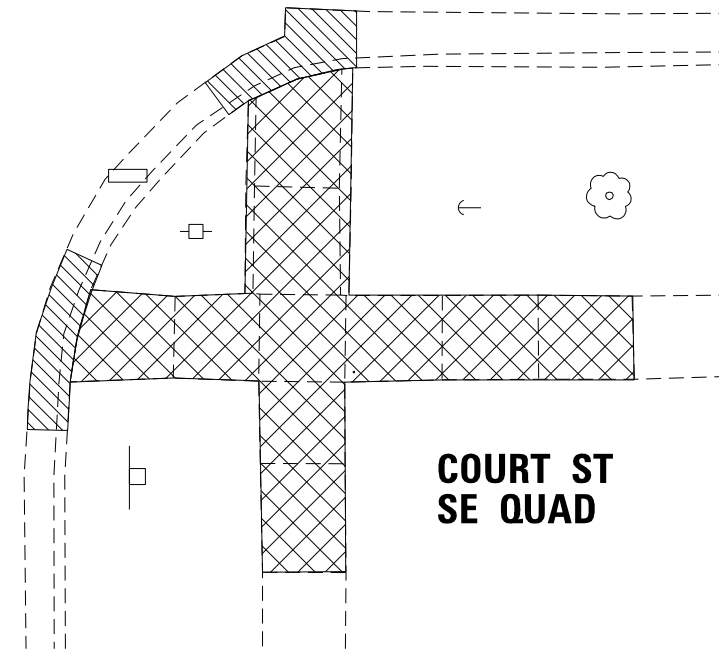
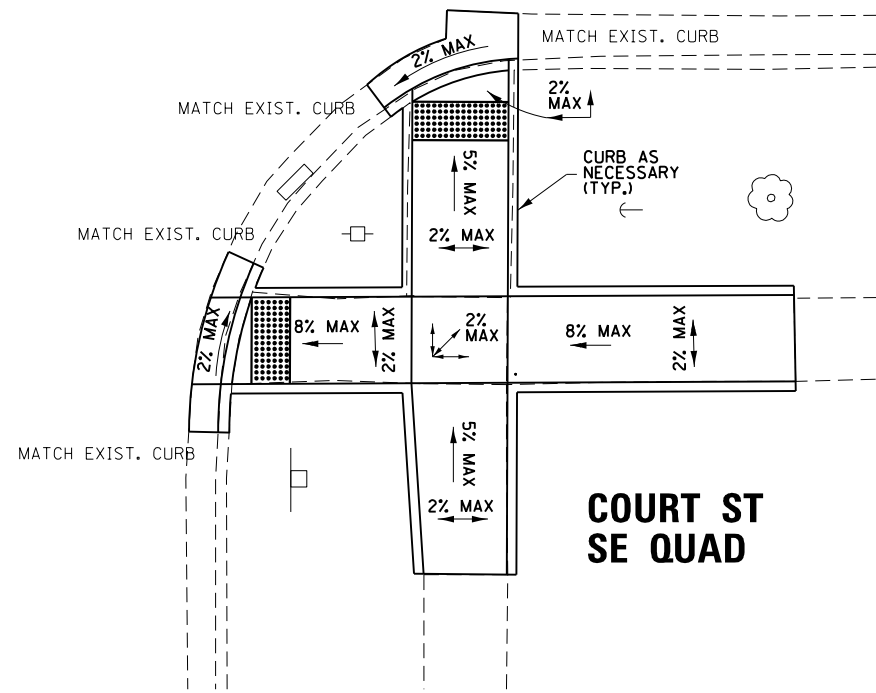


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Default	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COURT ST			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	17
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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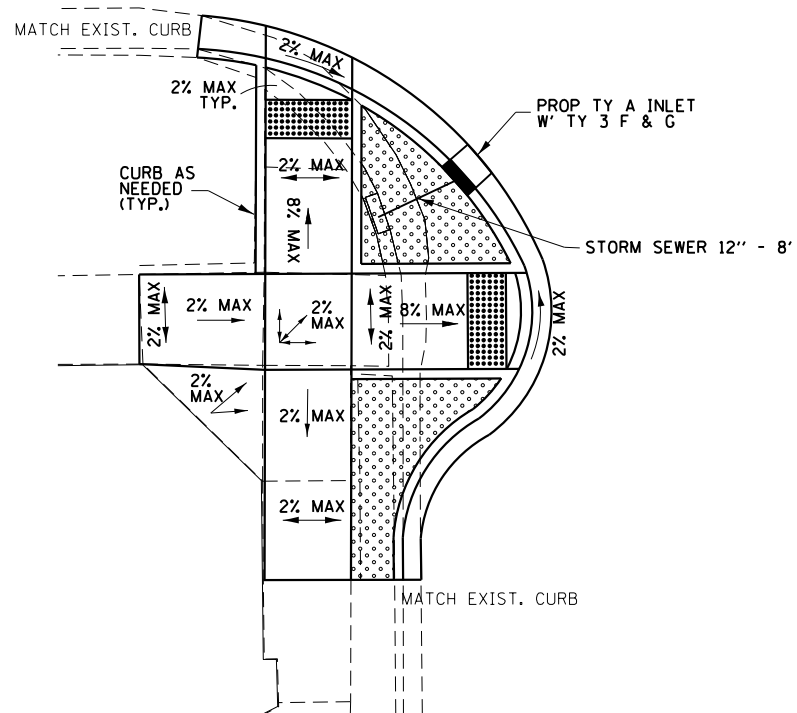
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COURT ST			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

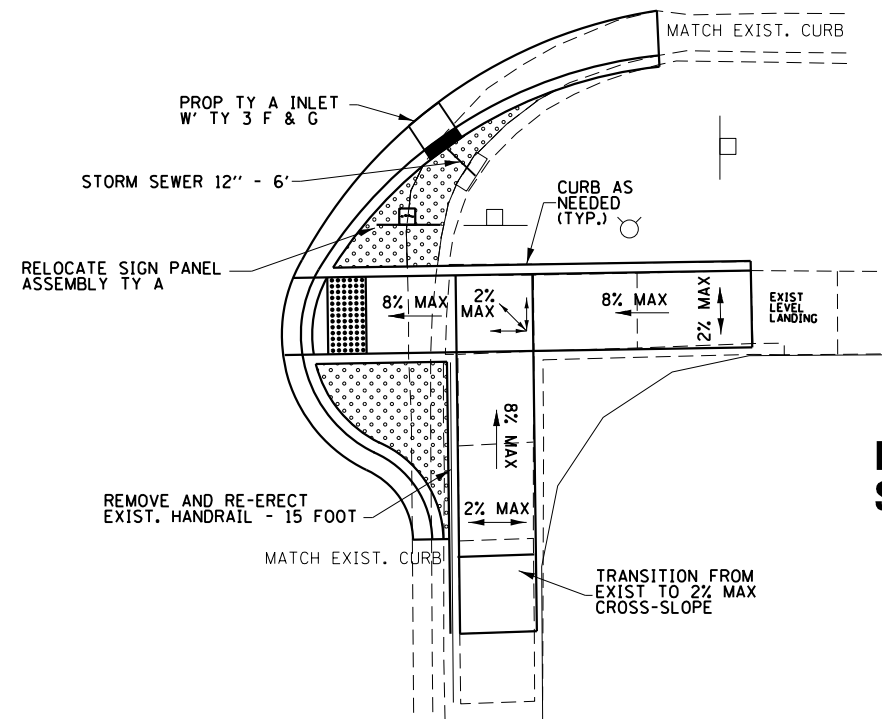
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	18
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



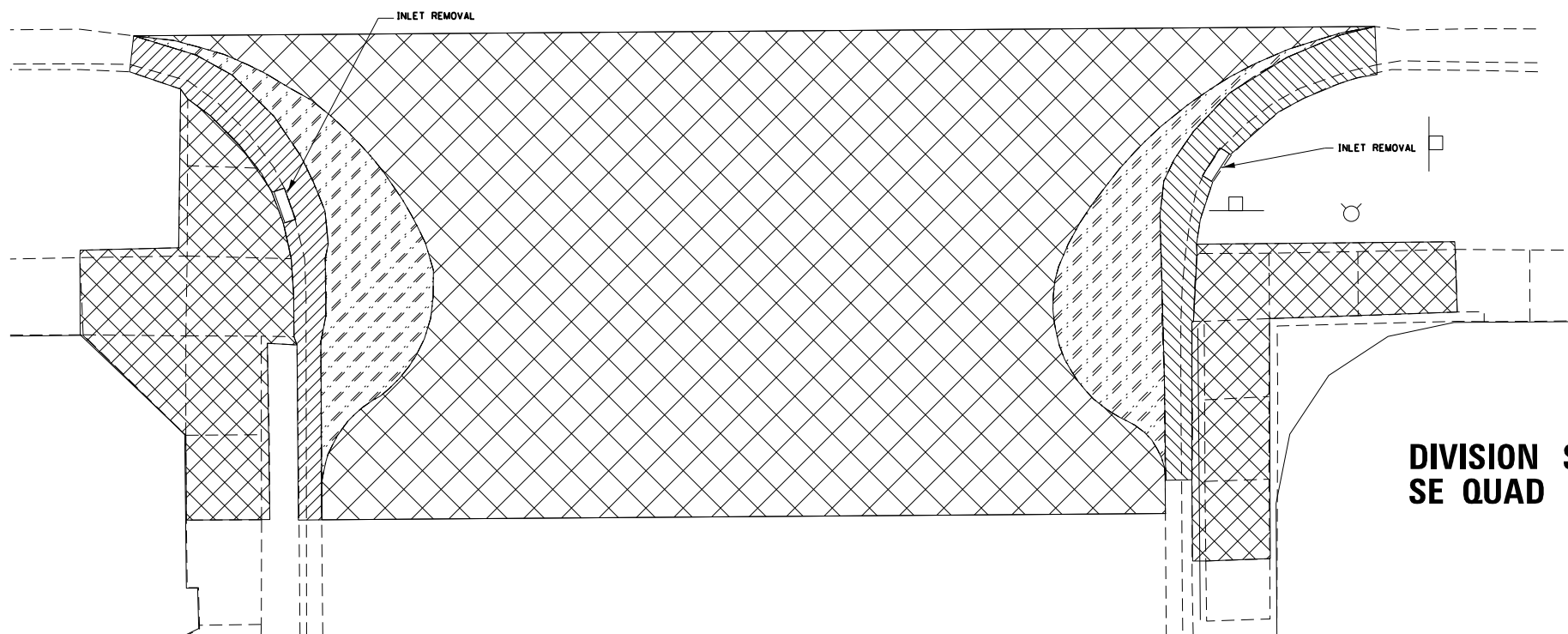
**DIVISION ST
SW QUAD**



**DIVISION ST
SE QUAD**



**DIVISION ST
SW QUAD**



**DIVISION ST
SE QUAD**

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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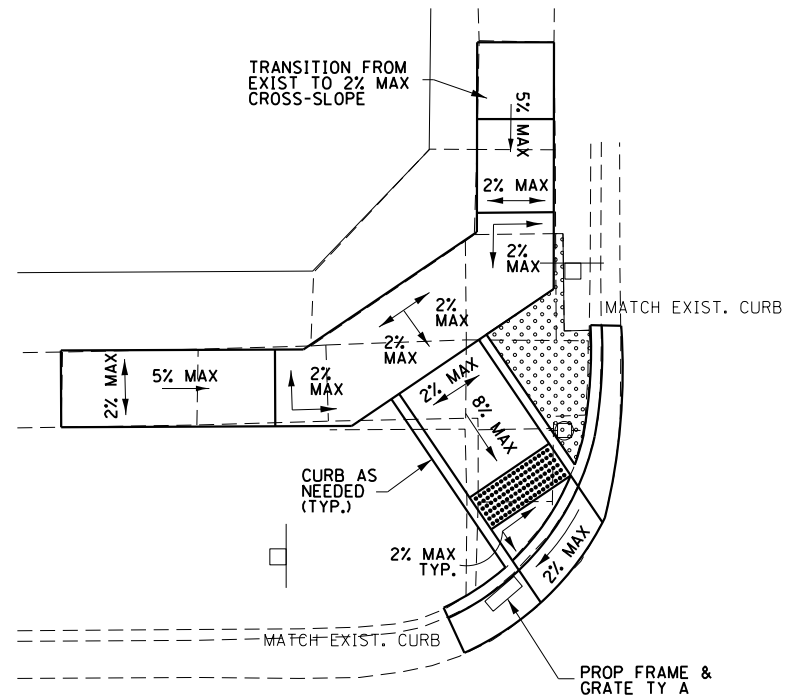
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIVISION ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

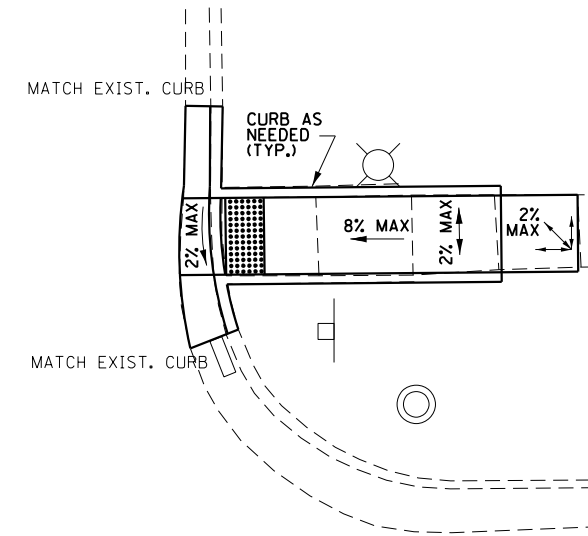
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	19
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



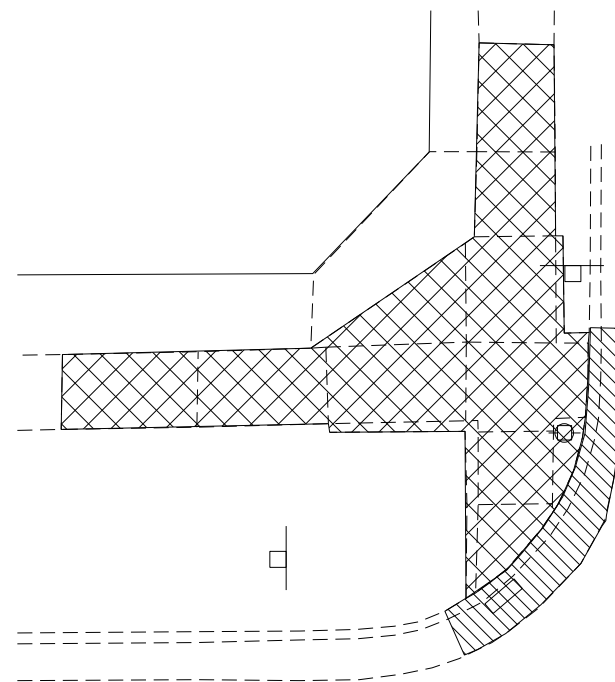
**DIVISION ST
NW QUAD**



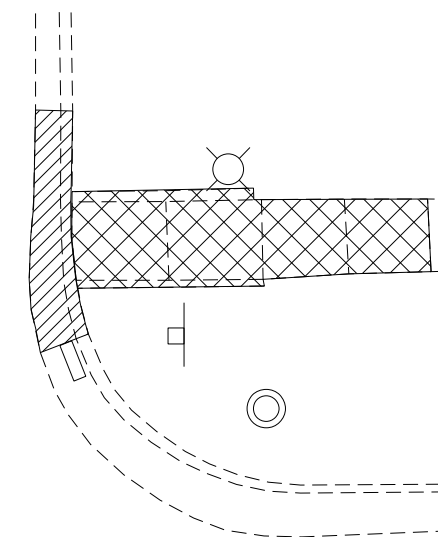
**DIVISION ST
NE QUAD**



**DIVISION ST
NW QUAD**



**DIVISION ST
NE QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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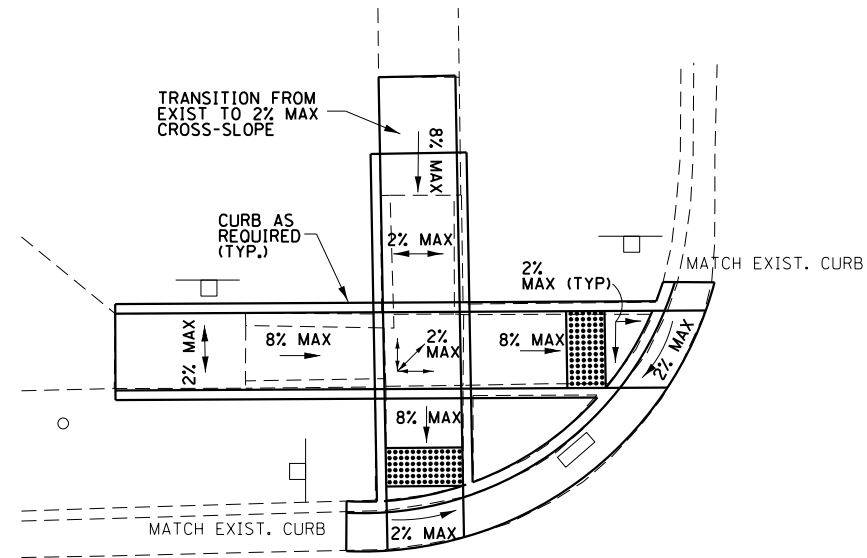
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIVISION ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

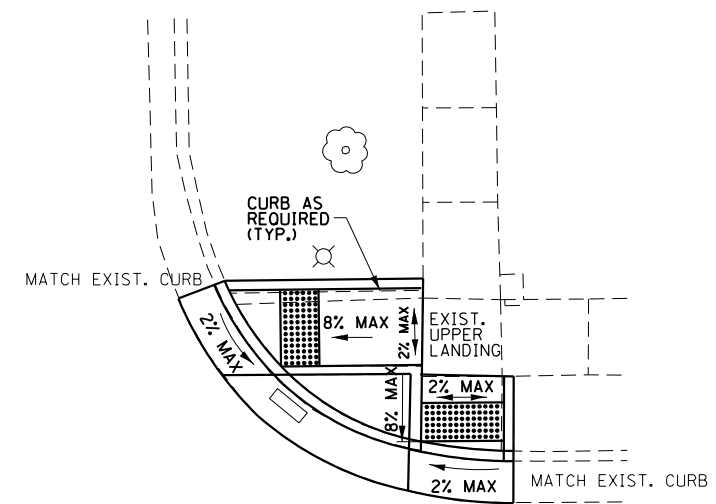
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	20
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



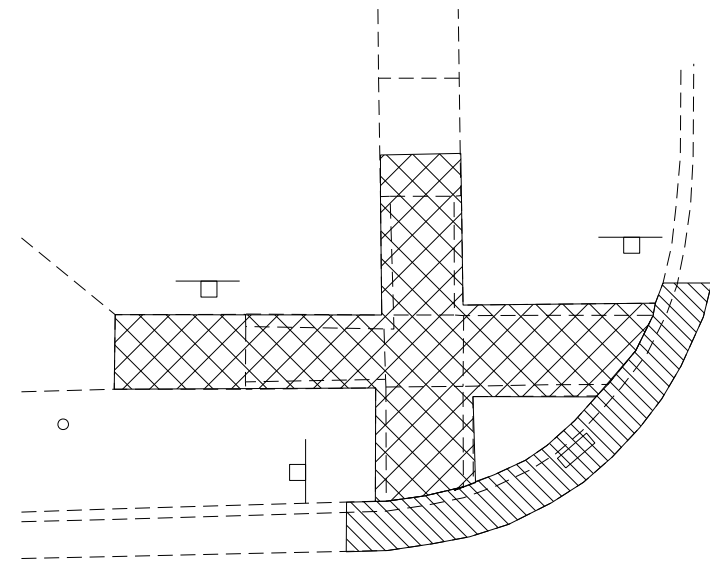
**OAK ST
NW
QUAD**



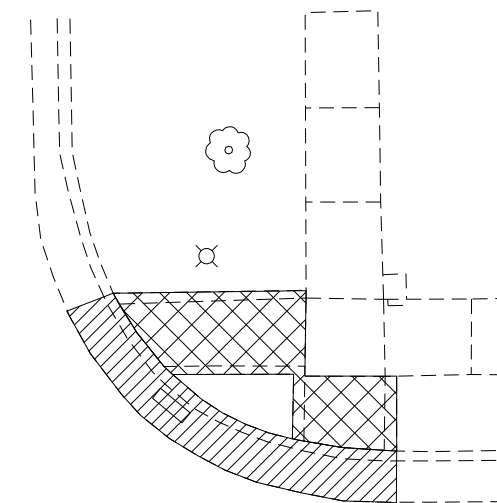
**OAK ST
NE
QUAD**



**OAK ST
NW
QUAD**



**OAK ST
NE
QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



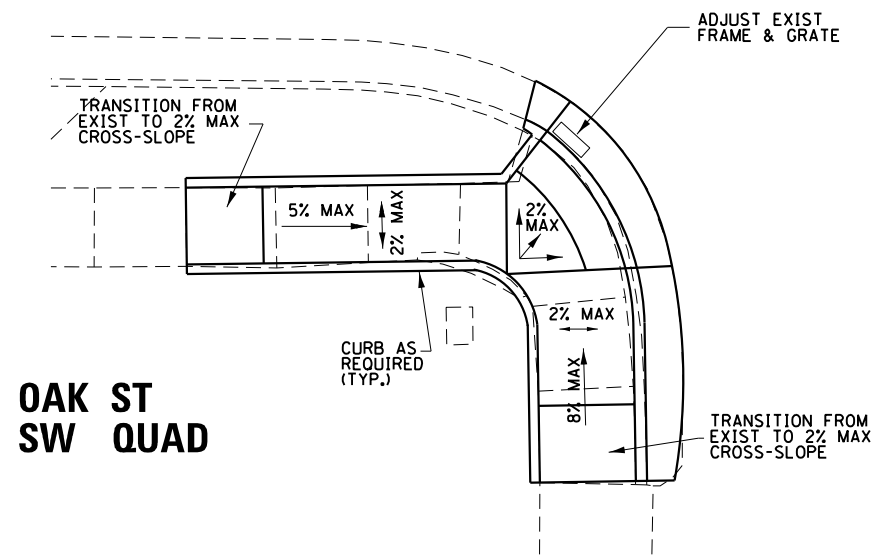
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Default	PLOT SCALE = 10.0000' / 1"	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

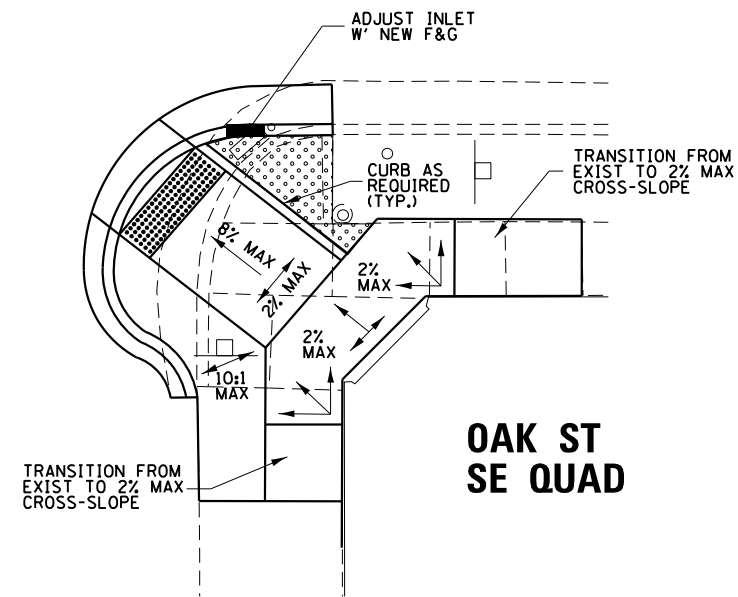
OAK ST

SCALE: SHEET OF SHEETS STA. TO STA.

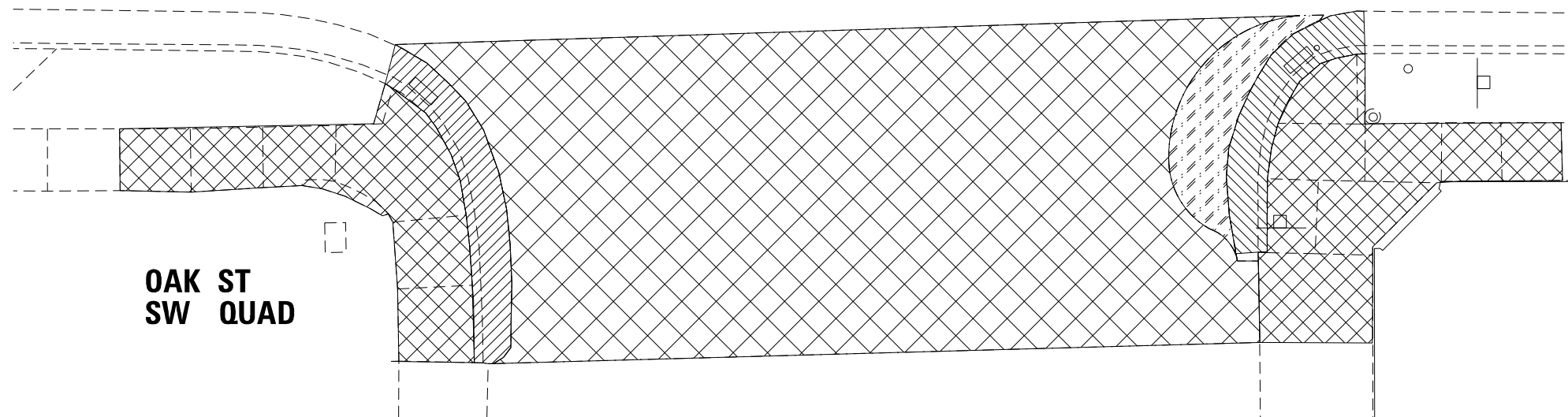
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	21
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



OAK ST
SW QUAD



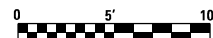
OAK ST
SE QUAD



OAK ST
SW QUAD

OAK ST
SE QUAD

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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

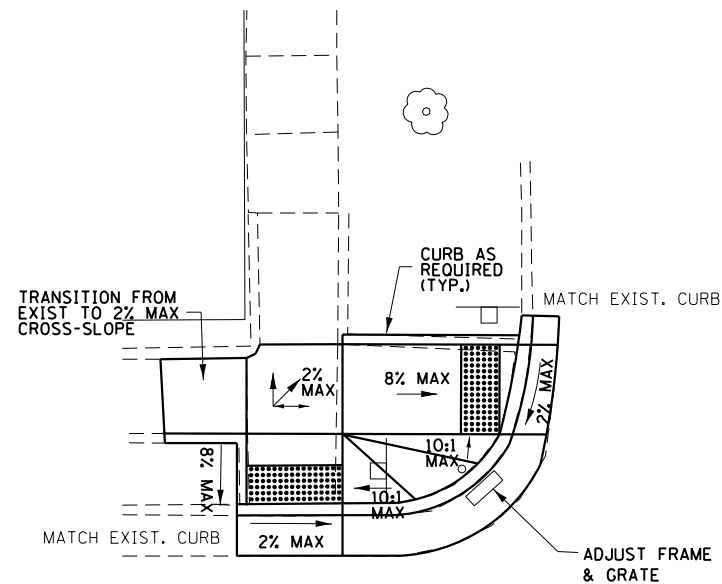
OAK ST

SCALE: SHEET OF SHEETS STA. TO STA.

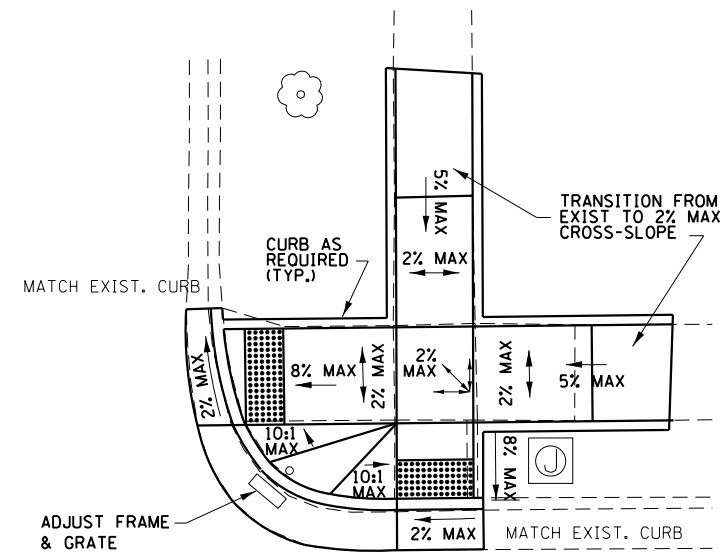
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	22
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



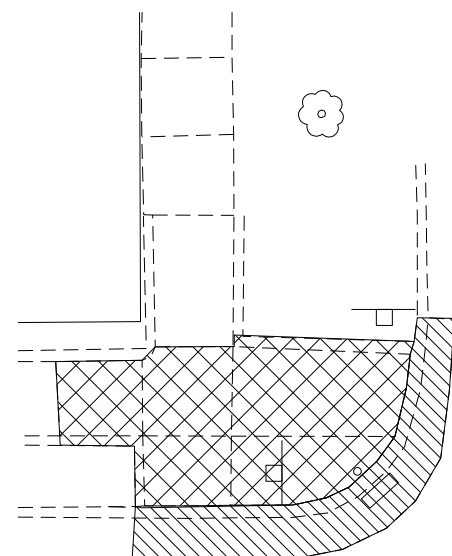
**PLUM ST
NW QUAD**








**PLUM ST
NE QUAD**

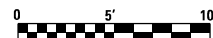
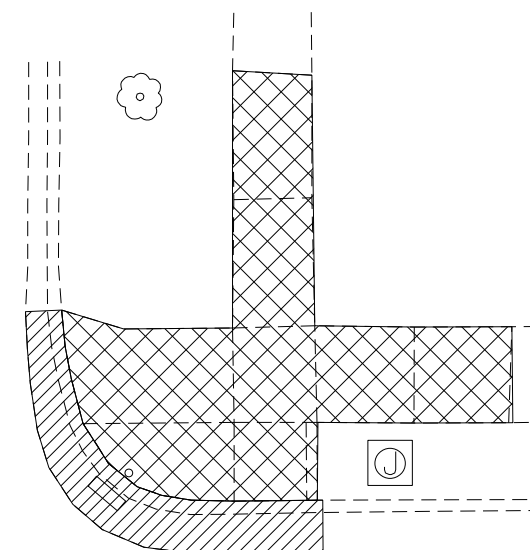


**PLUM ST
NW QUAD**



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- PAVEMENT REMOVAL 
- SODDING SALT TOLERANT 

**PLUM ST
NE QUAD**



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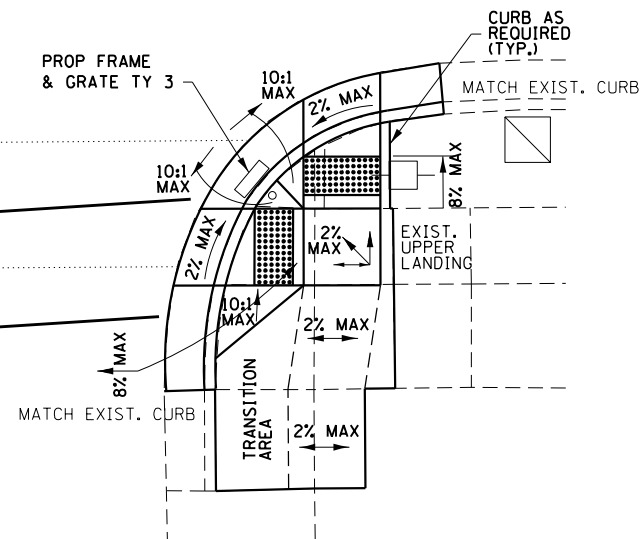
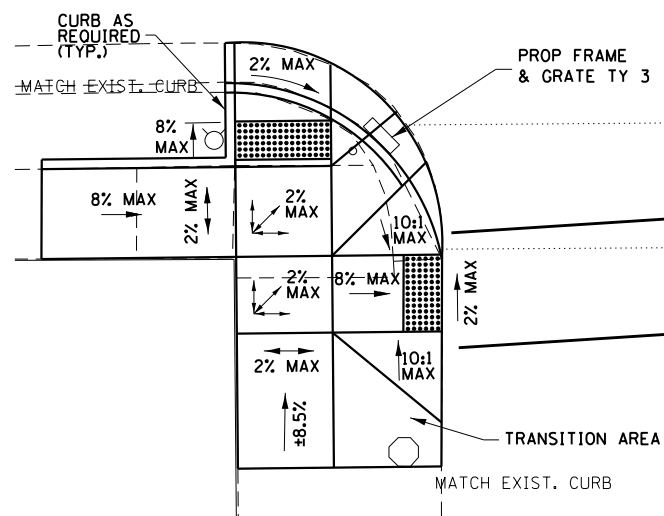
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLUM ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	23
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

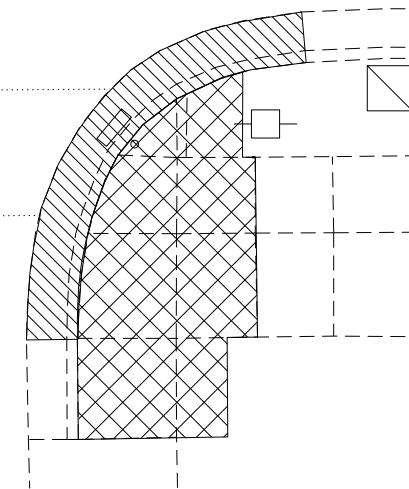
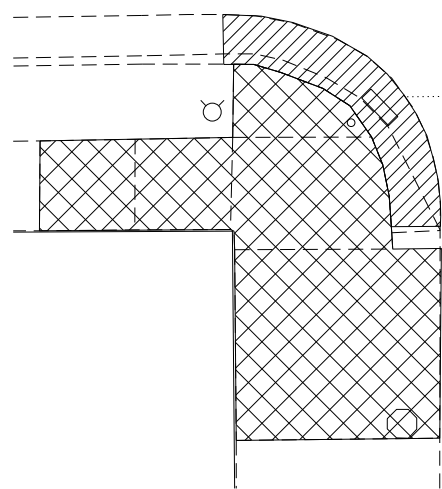


**PLUM ST
SW QUAD**



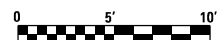
**PLUM ST
SE QUAD**

**PLUM ST
SW QUAD**



**PLUM ST
SE QUAD**

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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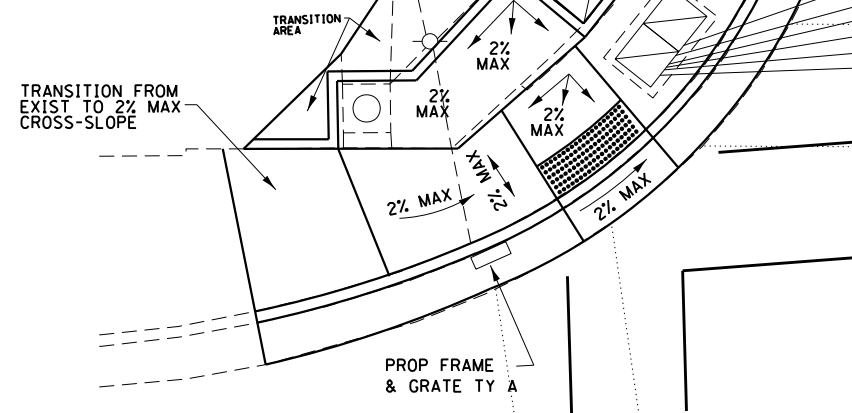
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLUM ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

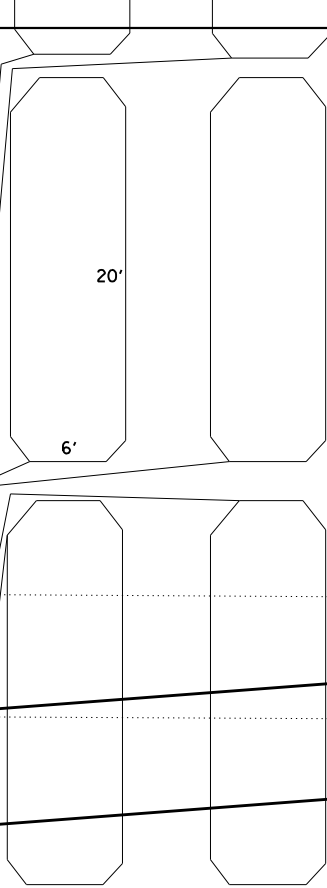
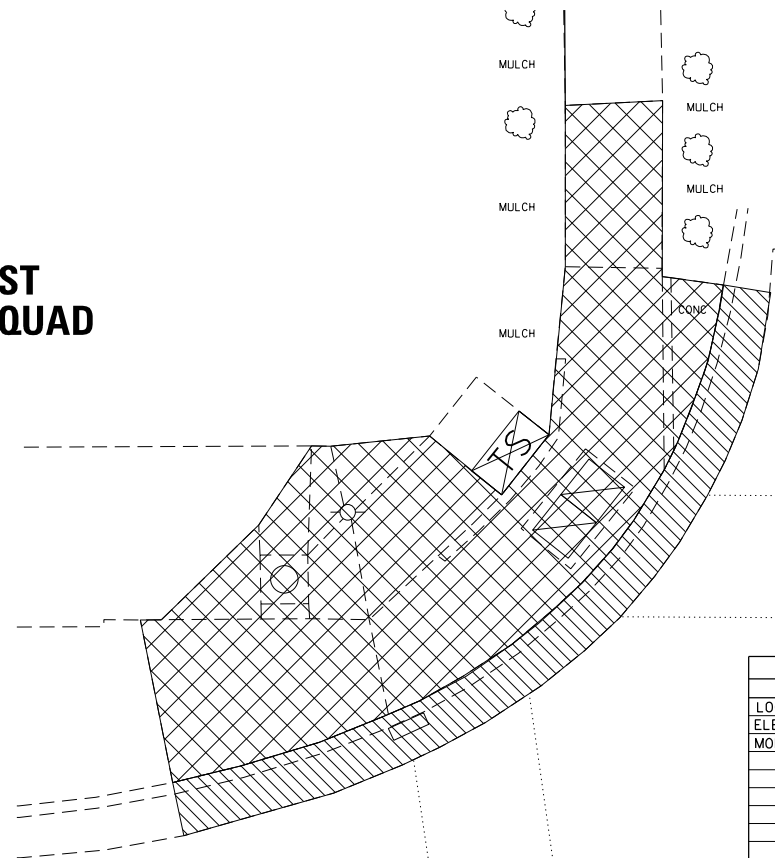
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	24
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



**MILL ST
NW QUAD**



**MILL ST
NW QUAD**



2 SETS OF 3 LOOPS
(SEE FOR INFO ONLY SHEETS FOR DETAIL)

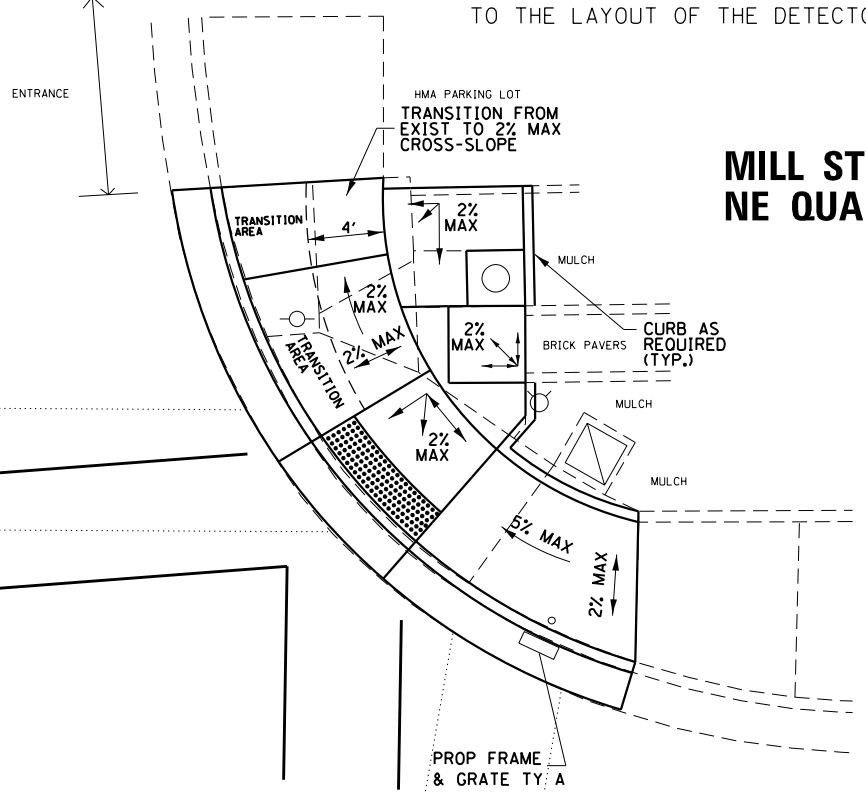
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT

SEE FOR INFORMATION ONLY SHEETS FOR DETAILS

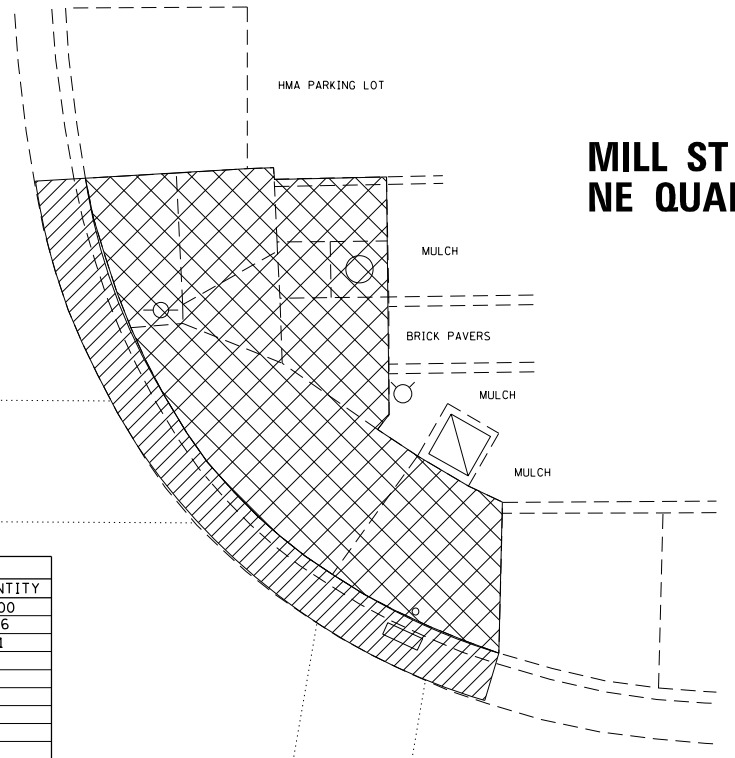
BILL OF MATERIALS - NW QUAD		
DESCRIPTION	UNIT	QUANTITY
LOOP DETECTOR TY 1	FOOT	500
ELECTRICAL CABLE IN CONDUIT LEAD IN NO. 14 1 PAIR	FOOT	16
MODIFY EXISTING CONTROLLER CABINET	EACH	1

1. PLACE DETECTOR LOOPS IN BINDER
2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
4. THE DISTRICT 3 TRAFFIC SIGNAL UNIT IN THE BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

**MILL ST
NE QUAD**

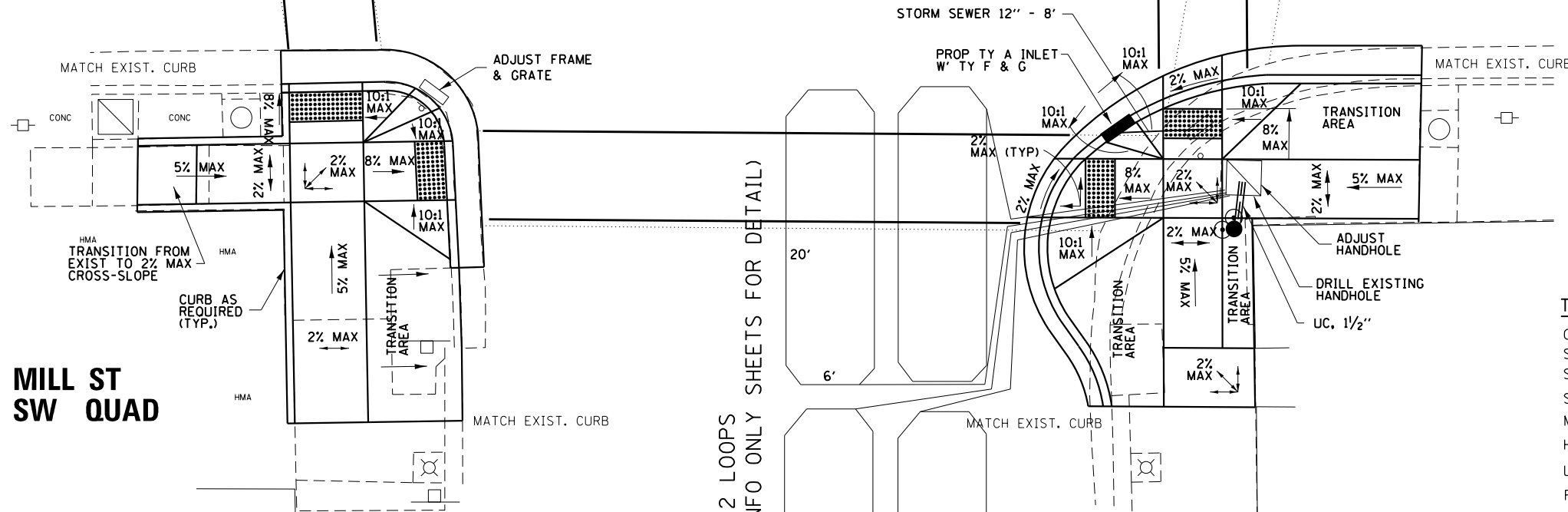


**MILL ST
NE QUAD**





1. PLACE DETECTOR LOOPS IN BINDER
2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
4. THE DISTRICT 3 TRAFFIC SIGNAL UNIT IN THE BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS



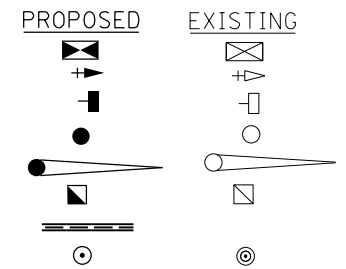
MILL ST SE QUAD

MILL ST SW QUAD

2 SETS OF 2 LOOPS
(SEE FOR INFO ONLY SHEETS FOR DETAIL)

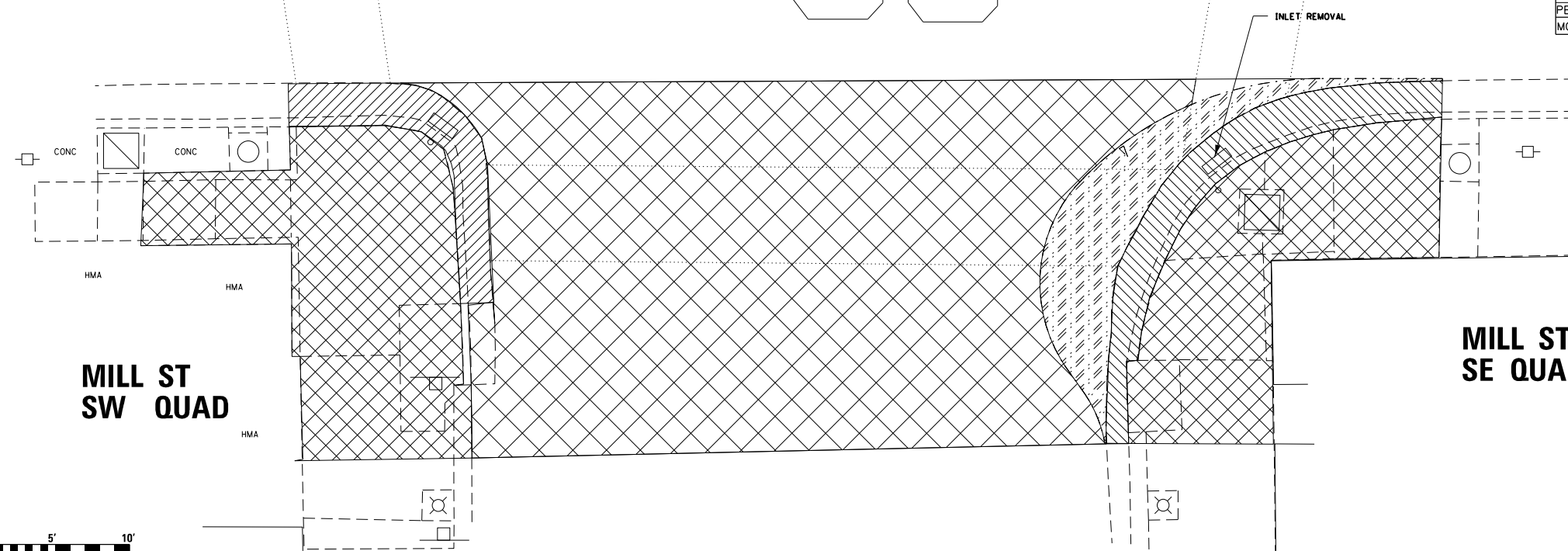
TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- HANDHOLE
- UNDERGROUND CONDUIT, PVC
- PEDESTRIAN PUSHBUTTON DETECTOR



SEE FOR INFORMATION ONLY SHEETS FOR DETAILS

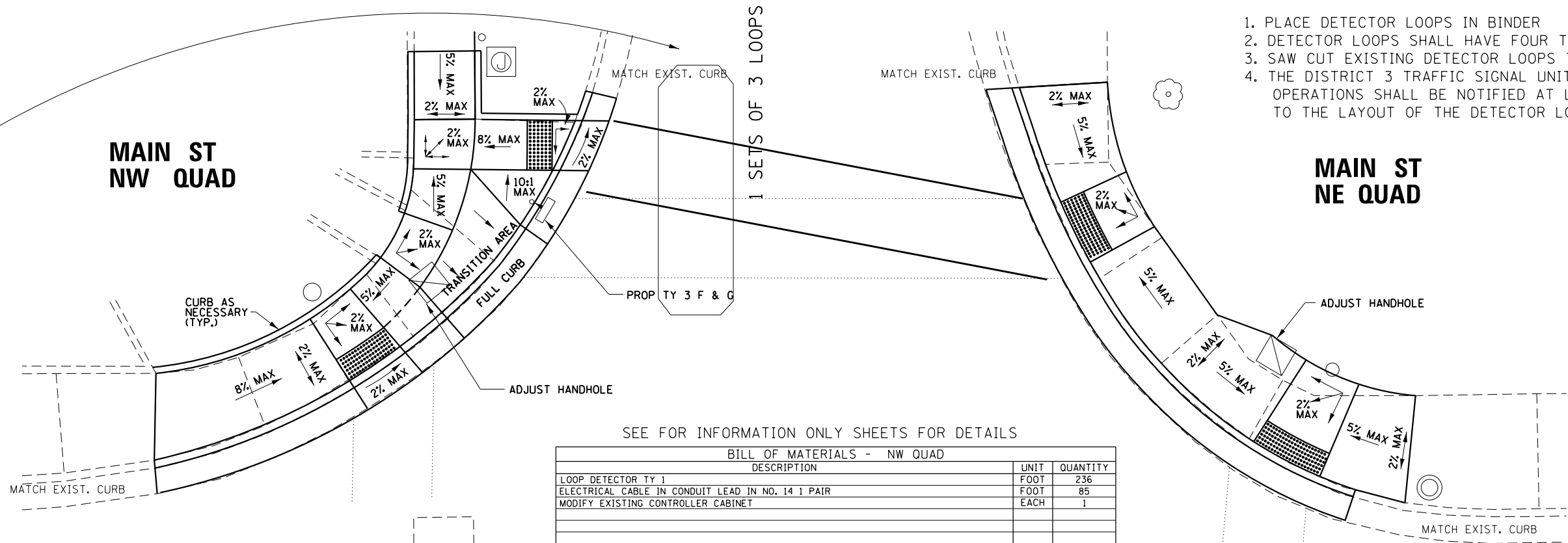
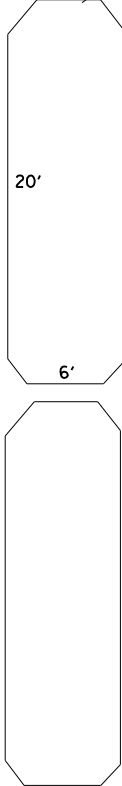
BILL OF MATERIALS - SE QUAD		
DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	5
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	175
LOOP DETECTOR TY 1	FOOT	275
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	175
PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
ELECTRICAL CABLE IN CONDUIT LEAD IN NO. 14 1 PAIR	FOOT	150
PEDESTRIAN PUSH BUTTON	EACH	2
MODIFY EXISTING CONTROLLER CABINET	EACH	1



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



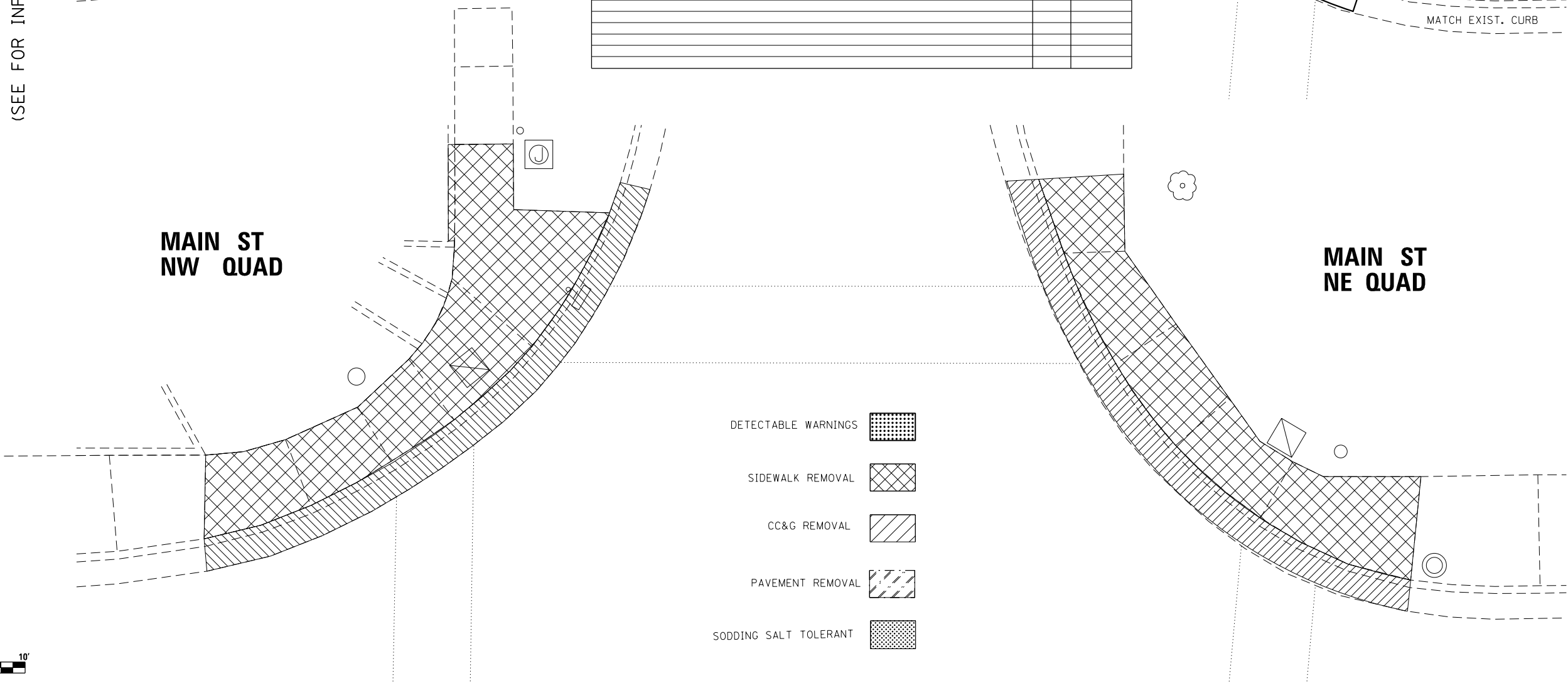
SEE FOR INFO ONLY SHEETS FOR DETAIL



1. PLACE DETECTOR LOOPS IN BINDER
2. DETECTOR LOOPS SHALL HAVE FOUR TURNS
3. SAW CUT EXISTING DETECTOR LOOPS TO BE ABANDONED
4. THE DISTRICT 3 TRAFFIC SIGNAL UNIT IN THE BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS

SEE FOR INFORMATION ONLY SHEETS FOR DETAILS

BILL OF MATERIALS - NW QUAD			
DESCRIPTION	UNIT	QUANTITY	
LOOP DETECTOR TY 1	FOOT	236	
ELECTRICAL CABLE IN CONDUIT LEAD IN NO. 14 1 PAIR	FOOT	85	
MODIFY EXISTING CONTROLLER CABINET	EACH	1	



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT

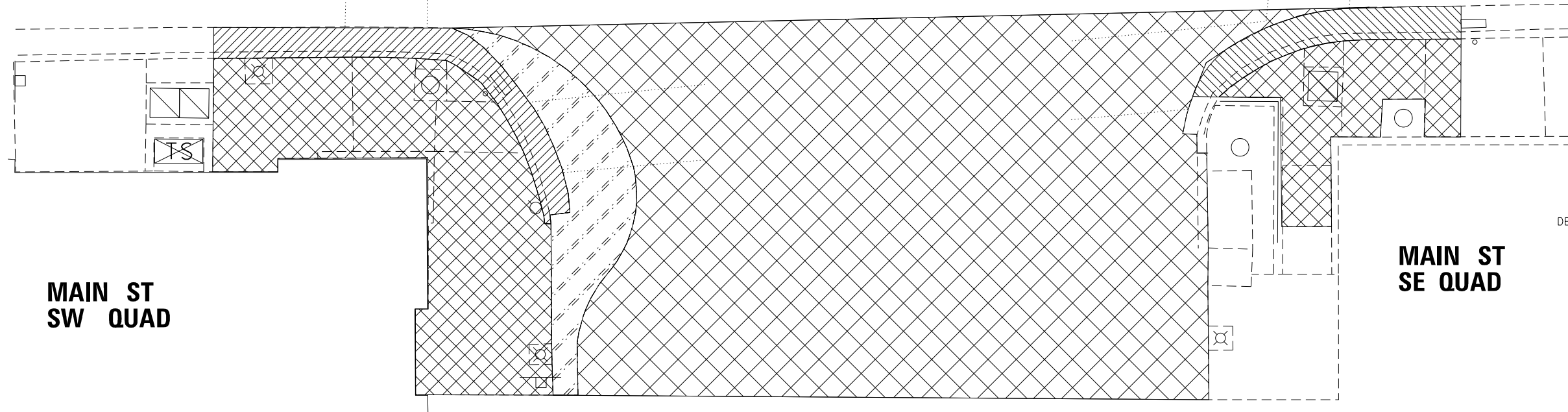
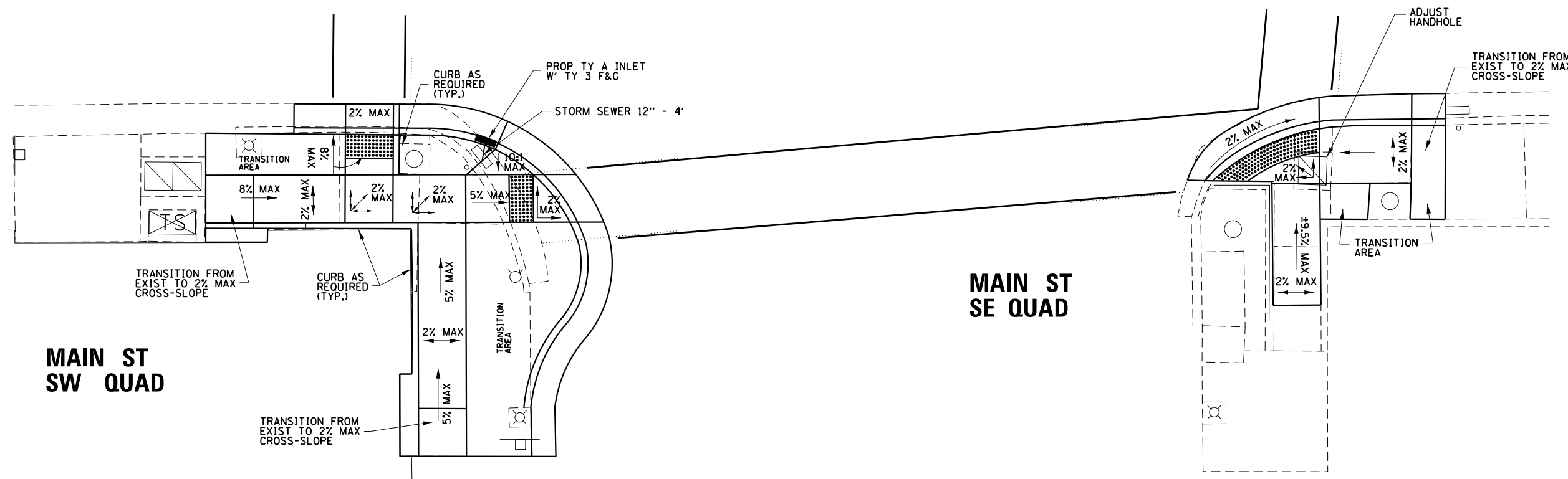


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAIN ST			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	27
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT

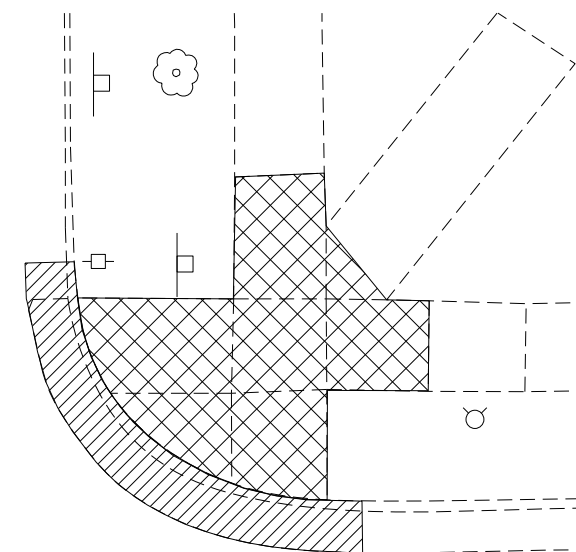
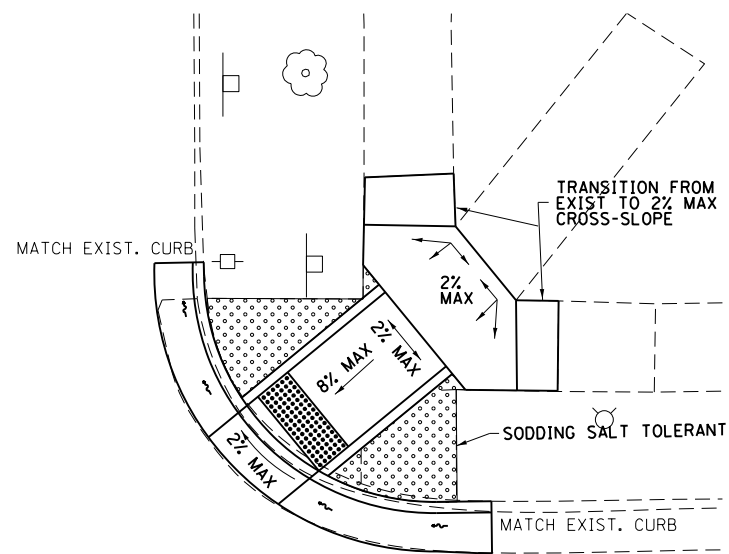
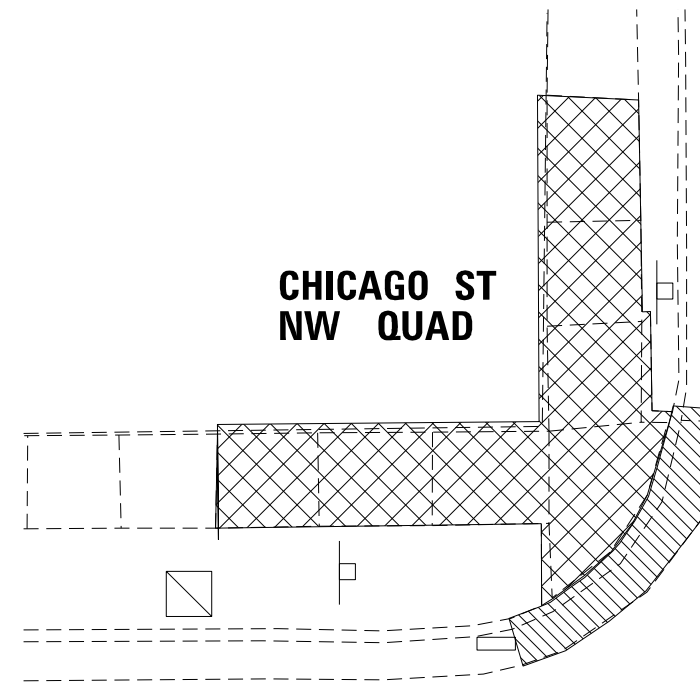
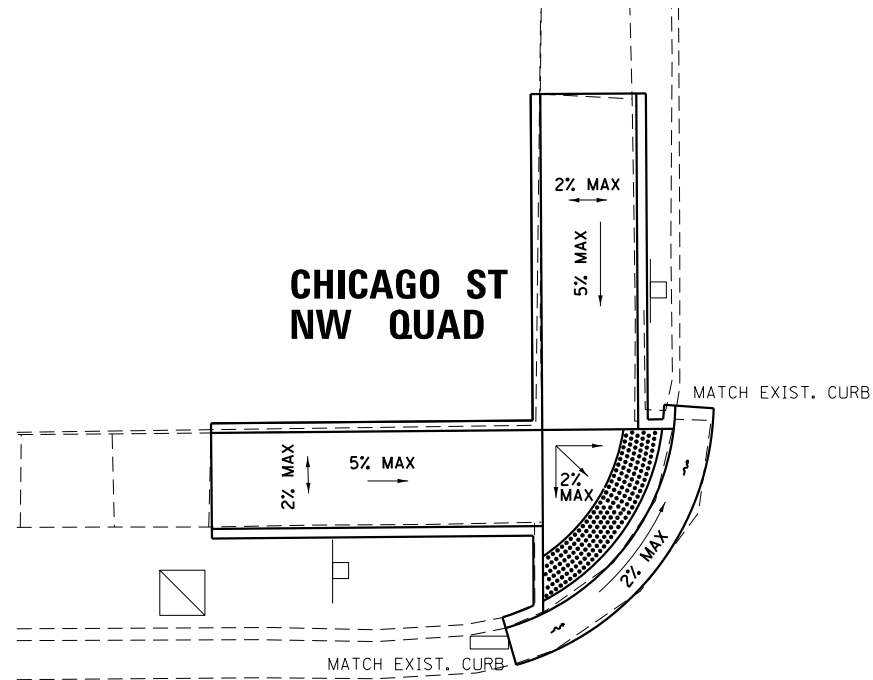


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Default	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAIN ST				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	28
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



**CHICAGO ST
NE QUAD**

**CHICAGO ST
NE QUAD**

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



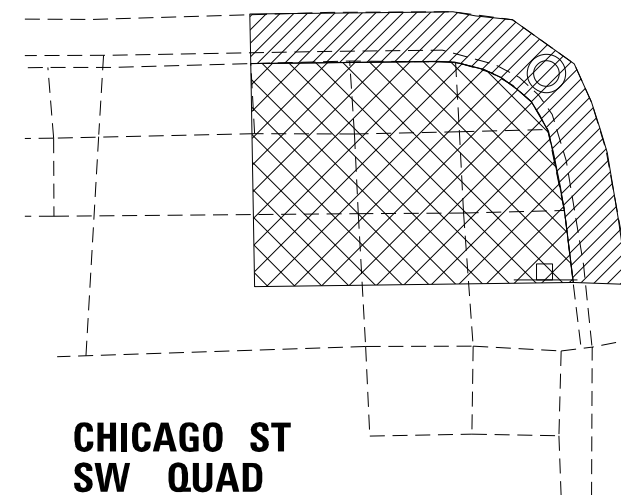
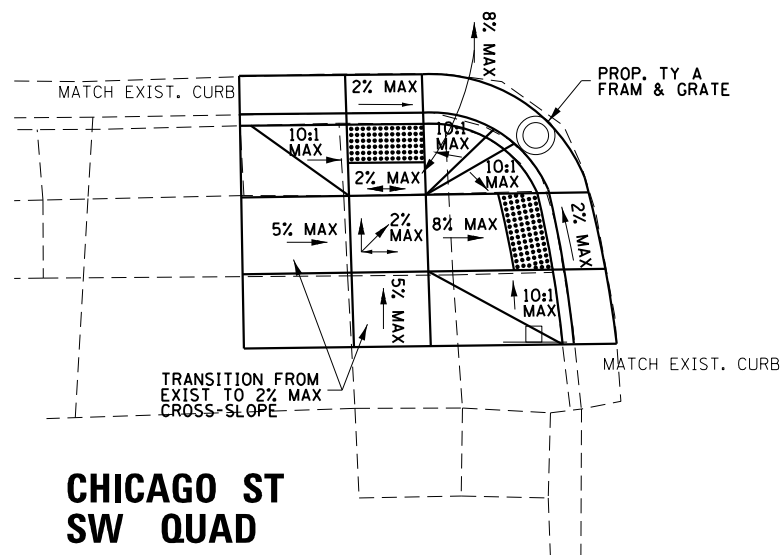
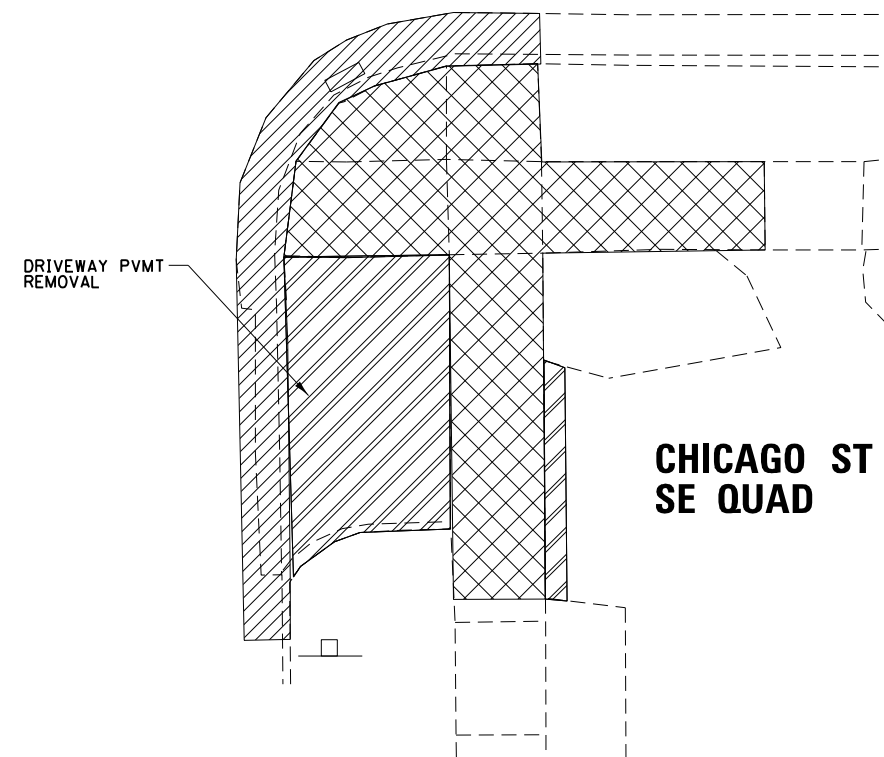
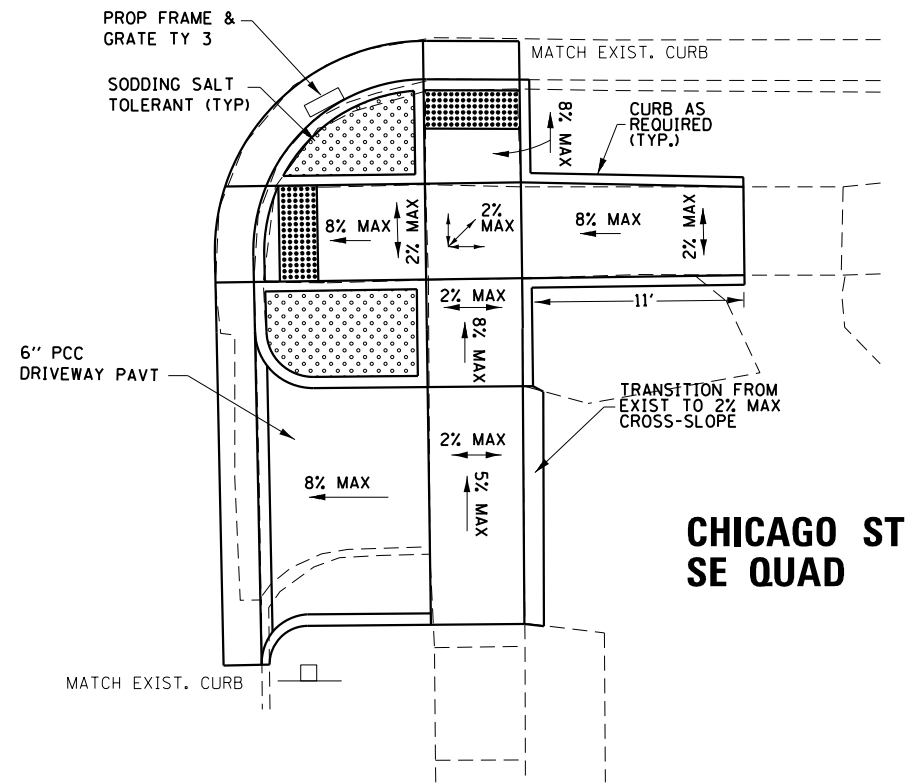
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

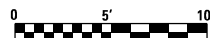
CHICAGO ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66F62	



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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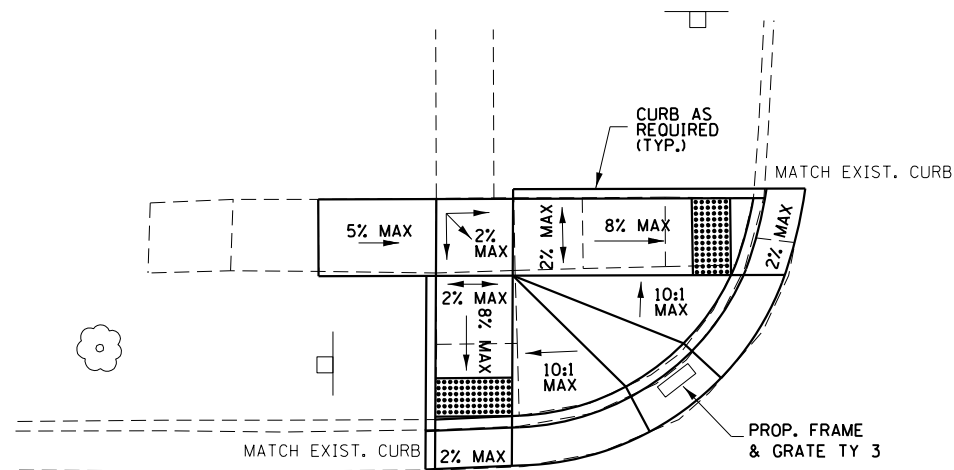
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CHICAGO ST				
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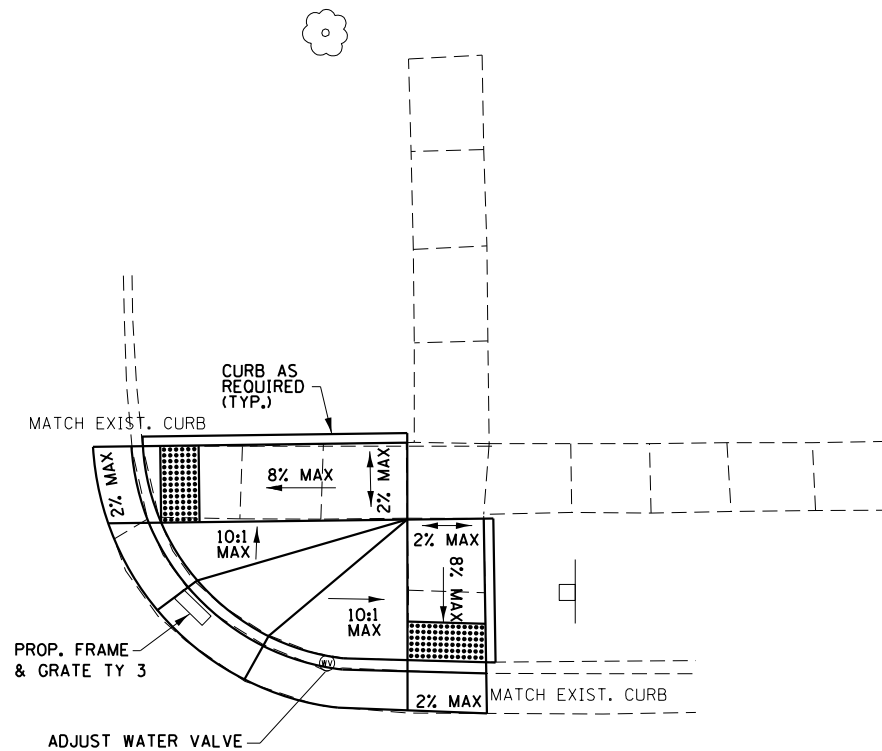
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CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



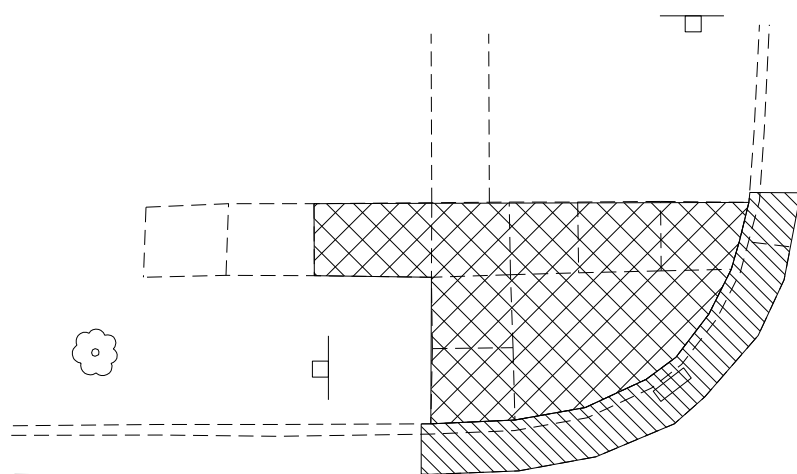
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NW QUAD**



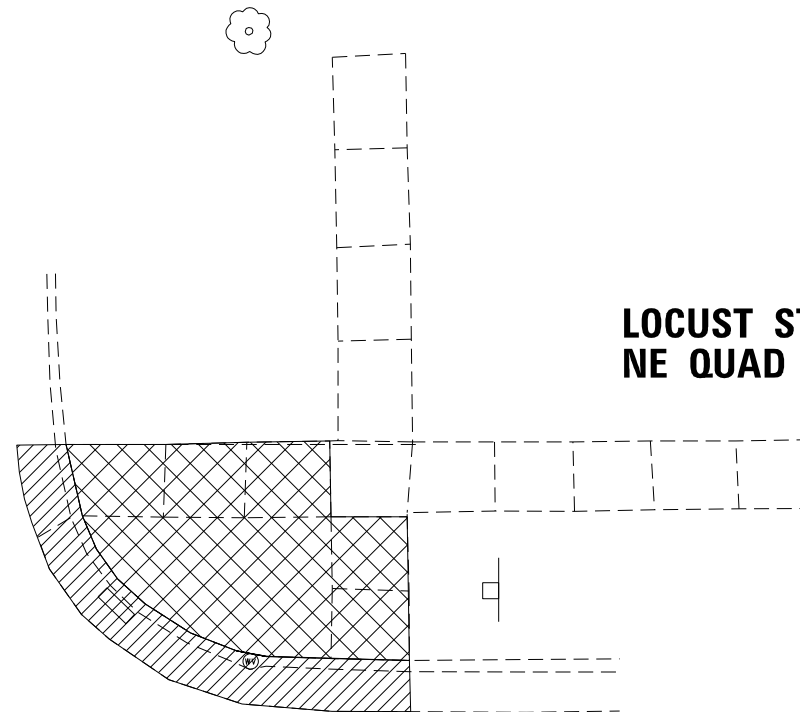
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NE QUAD**








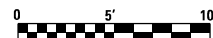
**LOCUST ST
NW QUAD**



**LOCUST ST
NE QUAD**



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- PAVEMENT REMOVAL 
- SODDING SALT TOLERANT 



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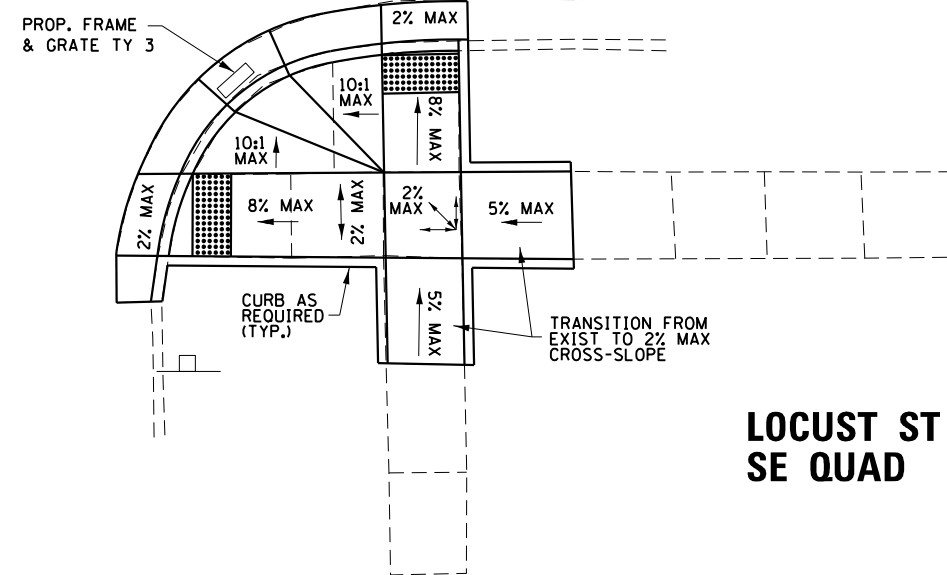
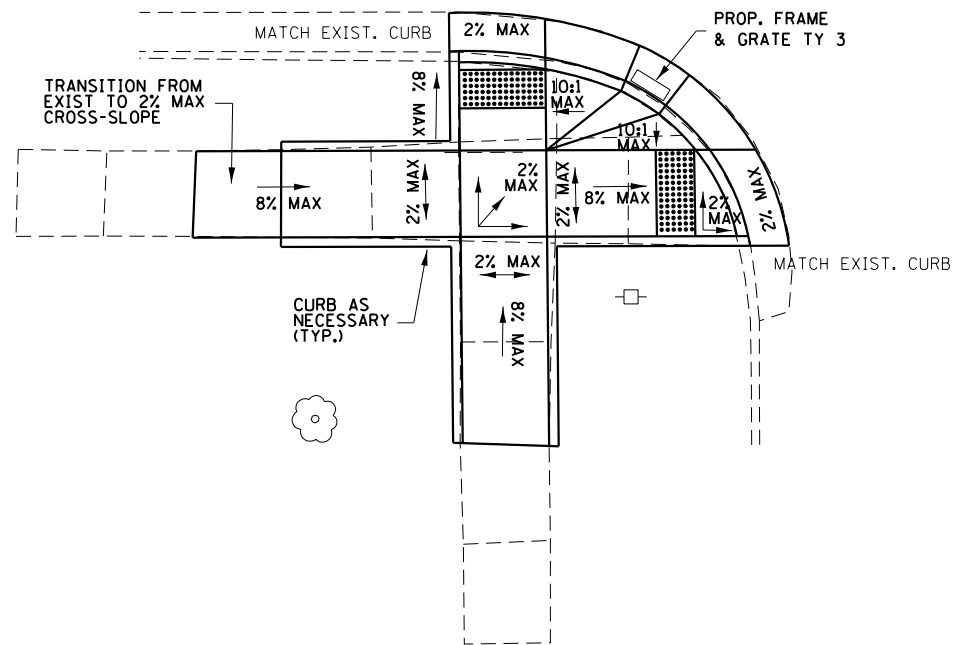
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCUST ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	31
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

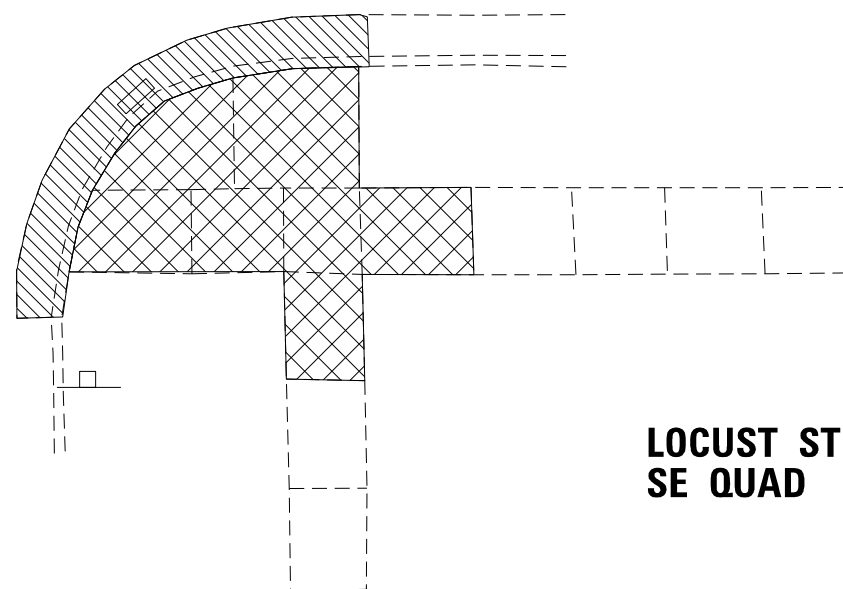
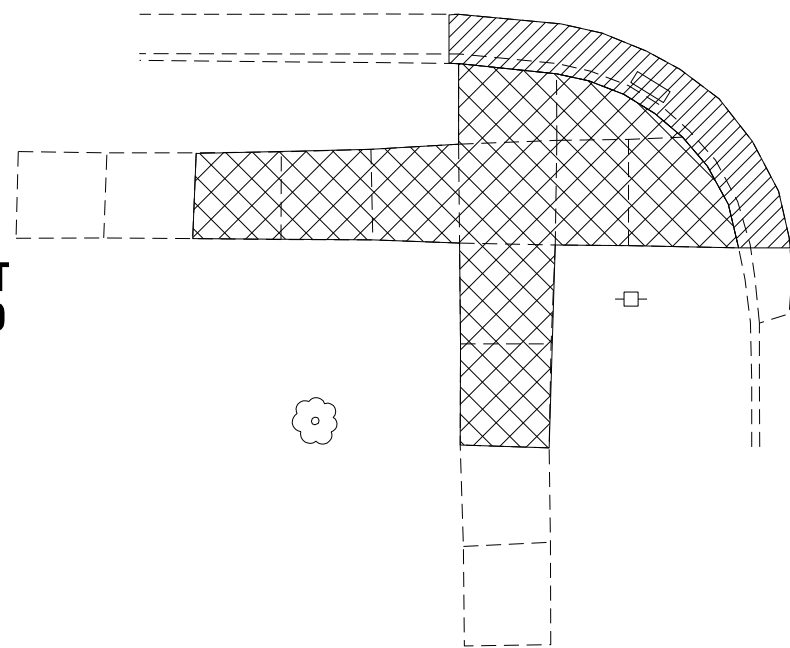


**LOCUST ST
SW QUAD**



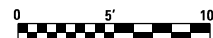
**LOCUST ST
SE QUAD**

**LOCUST ST
SW QUAD**



**LOCUST ST
SE QUAD**

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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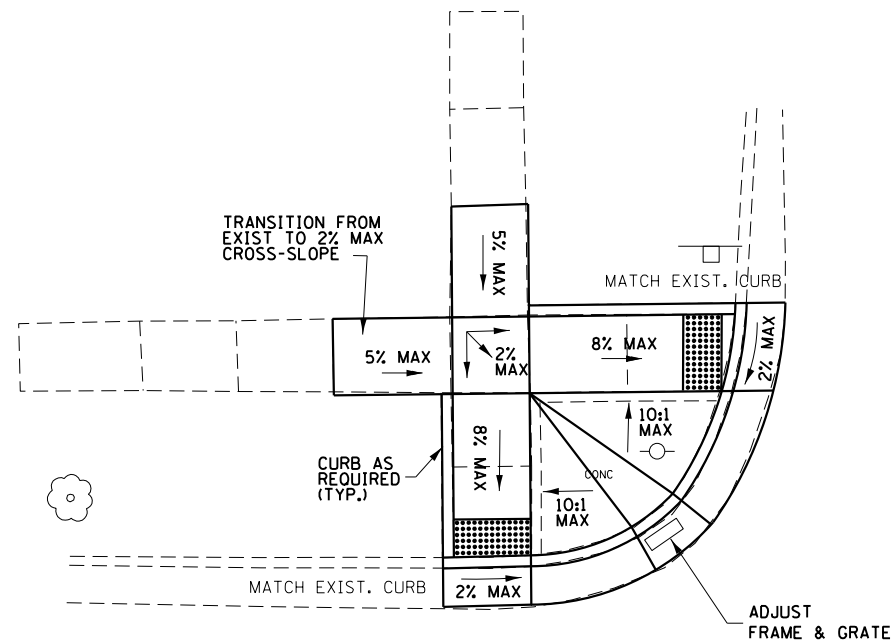
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCUST ST			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

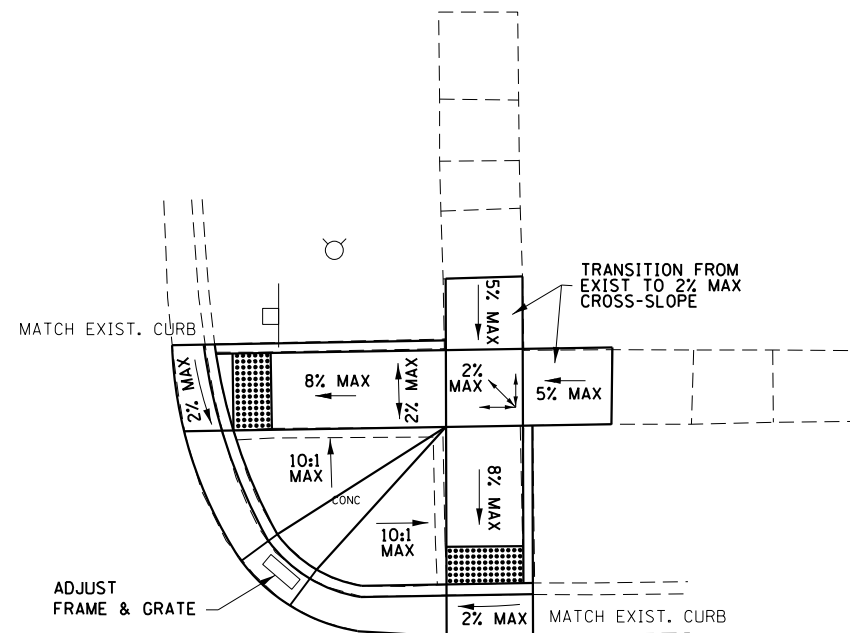
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681	(113) SW	LIVINGSTON	56	32
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



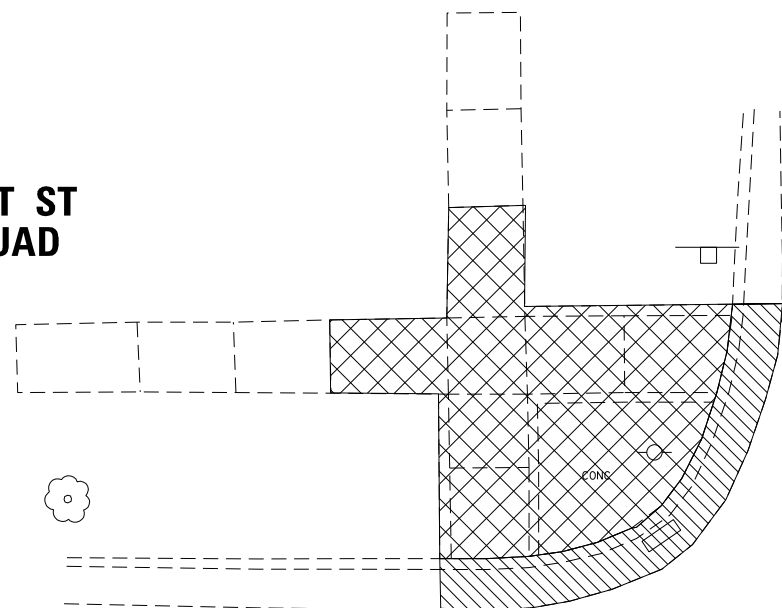
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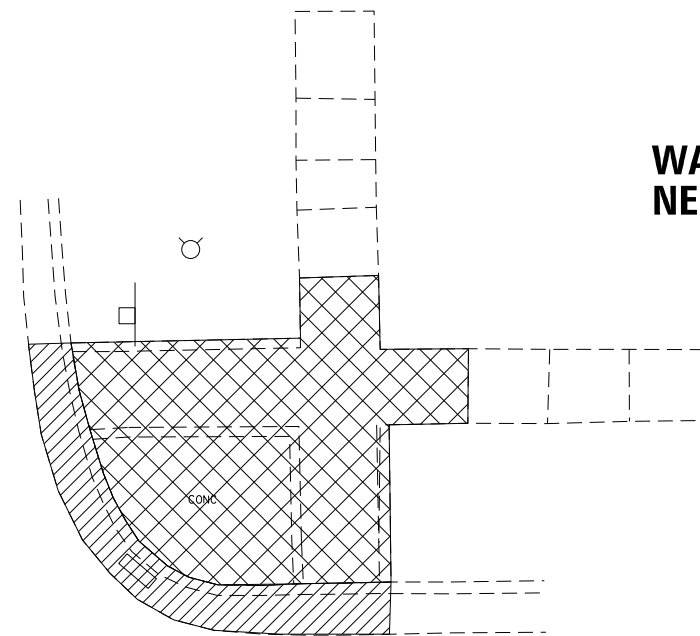
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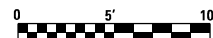
WALNUT ST NW QUAD



WALNUT ST NE QUAD



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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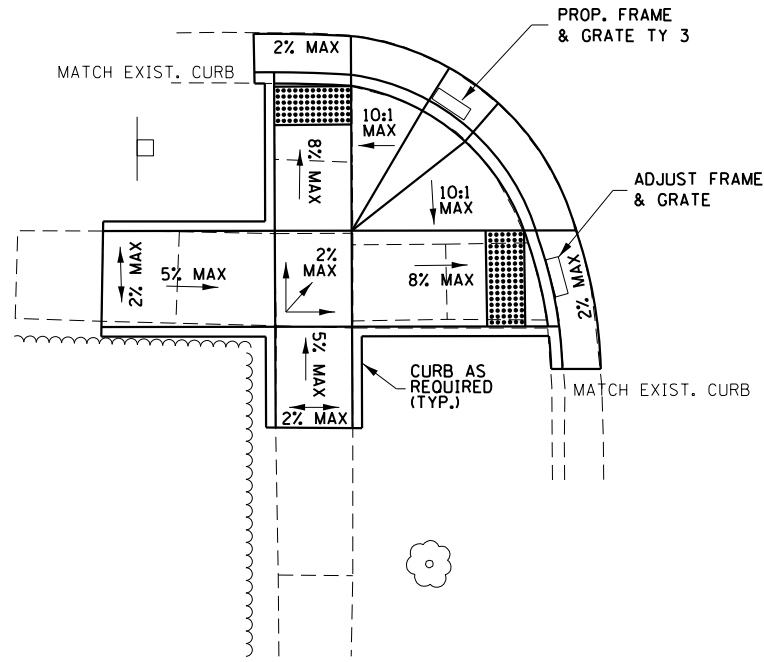
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WALNUT ST				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

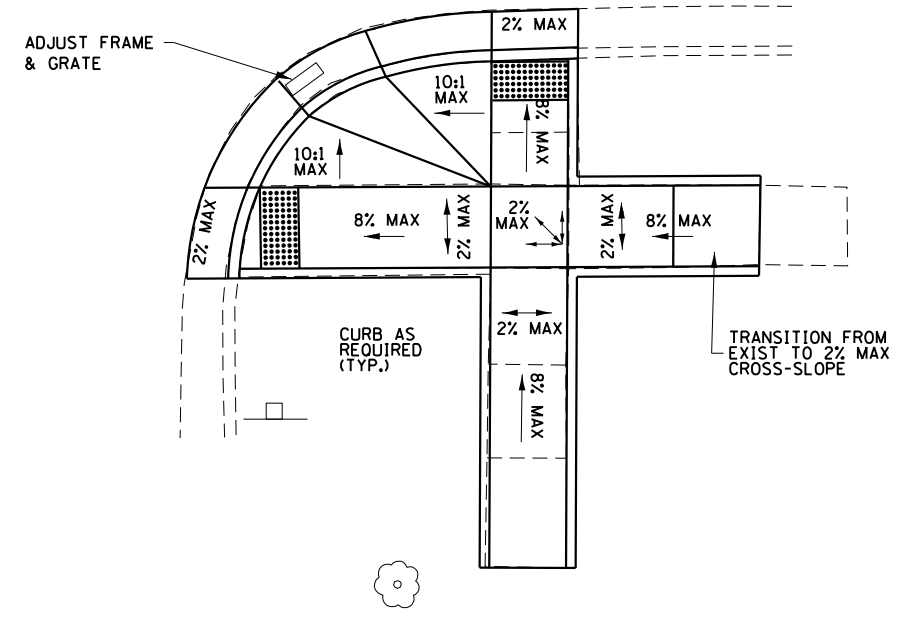
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	33
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



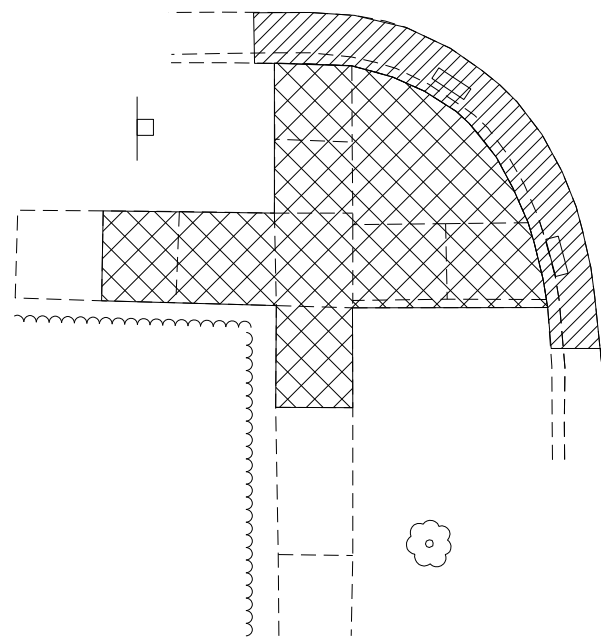
**WALNUT ST
SW QUAD**



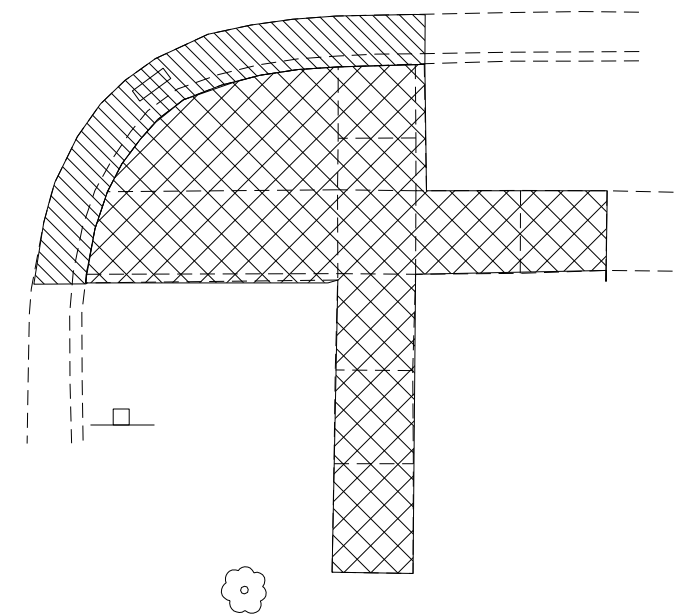
**WALNUT ST
SE QUAD**








**WALNUT ST
SW QUAD**



**WALNUT ST
SE QUAD**



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- PAVEMENT REMOVAL 
- SODDING SALT TOLERANT 

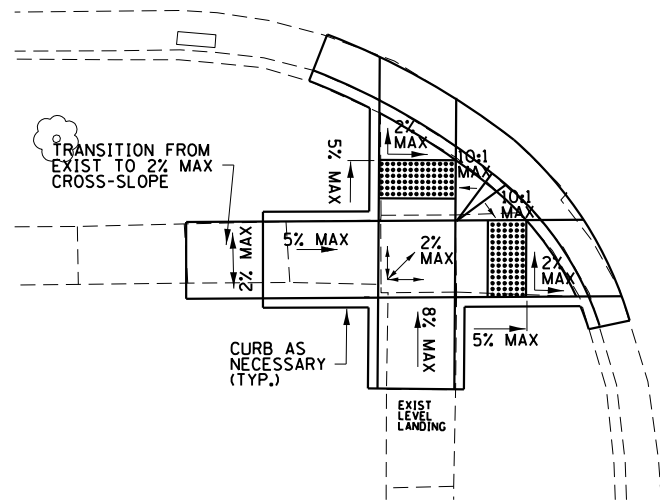


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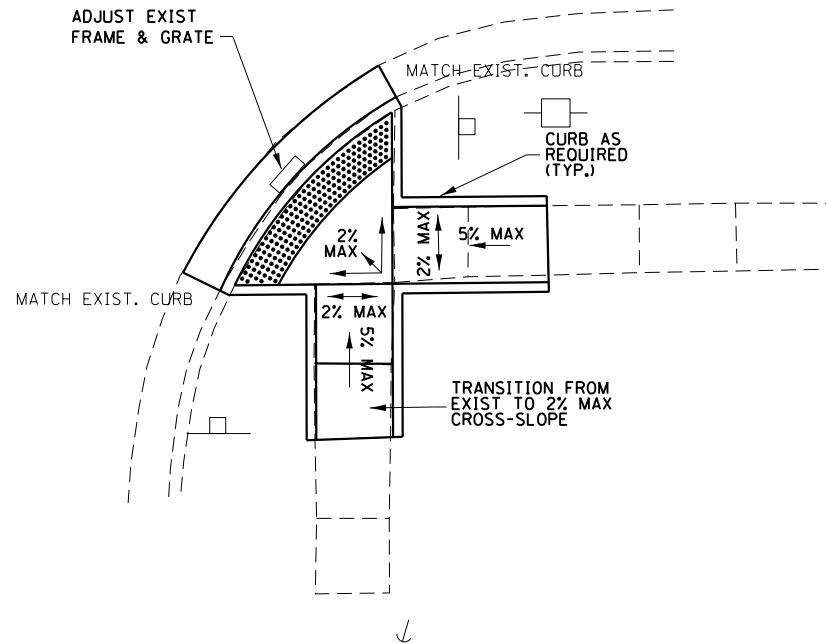
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WALNUT ST			
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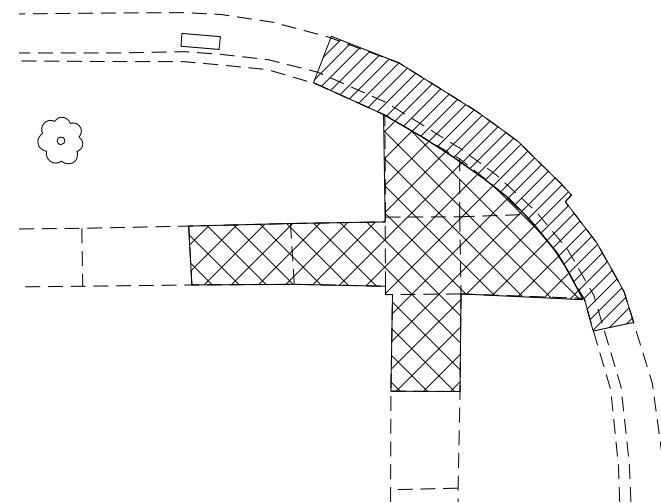
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681	(113) SW	LIVINGSTON	56	34
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



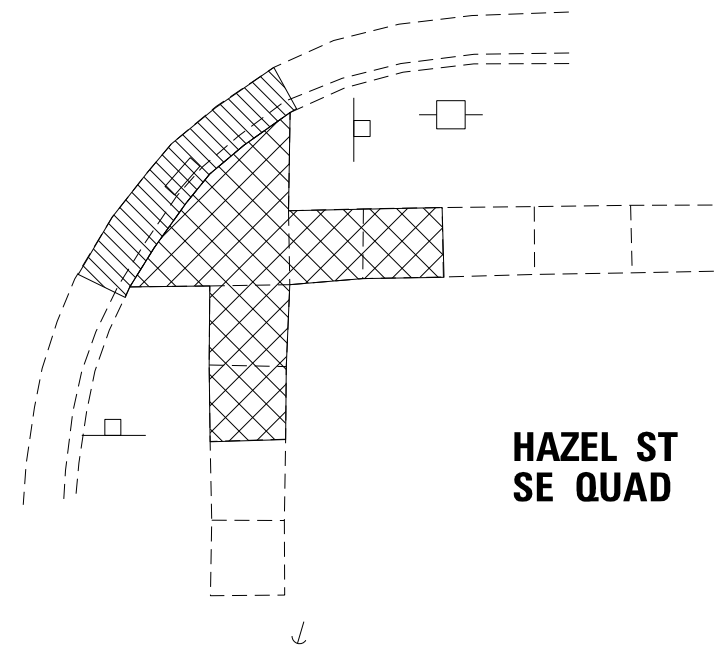
**HAZEL ST
SW QUAD**



**HAZEL ST
SE QUAD**

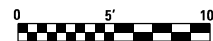


**HAZEL ST
SW QUAD**



**HAZEL ST
SE QUAD**

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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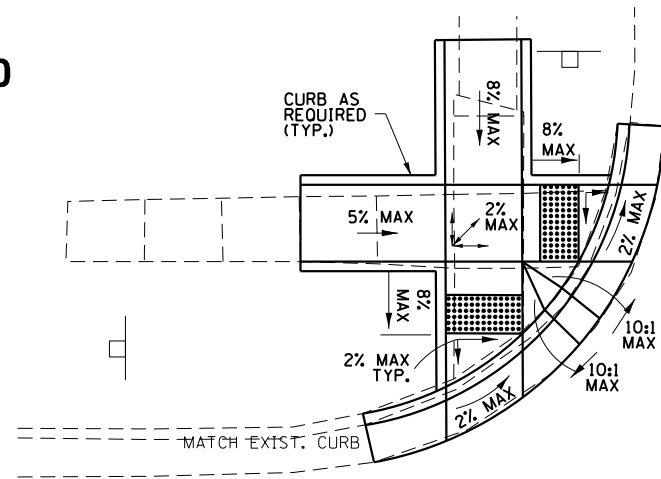
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HAZEL ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

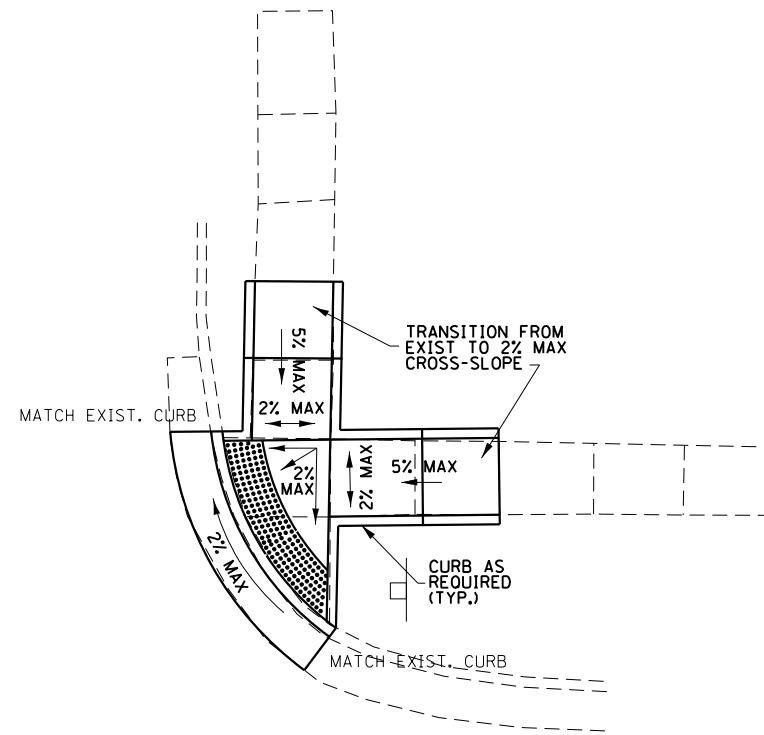
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681	(113) SW	LIVINGSTON	56	35
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



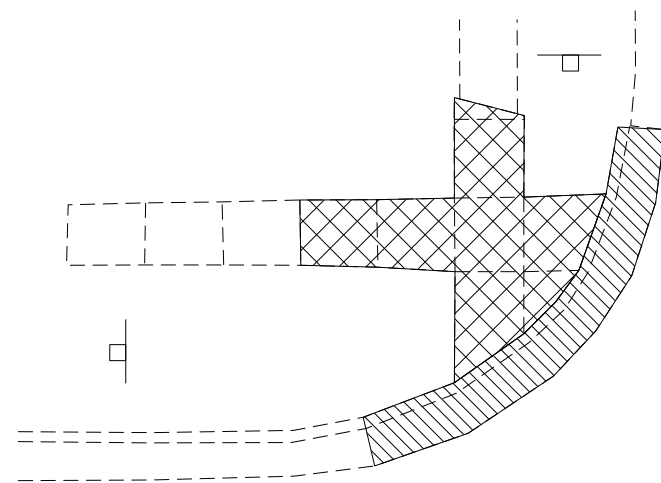
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NW QUAD**



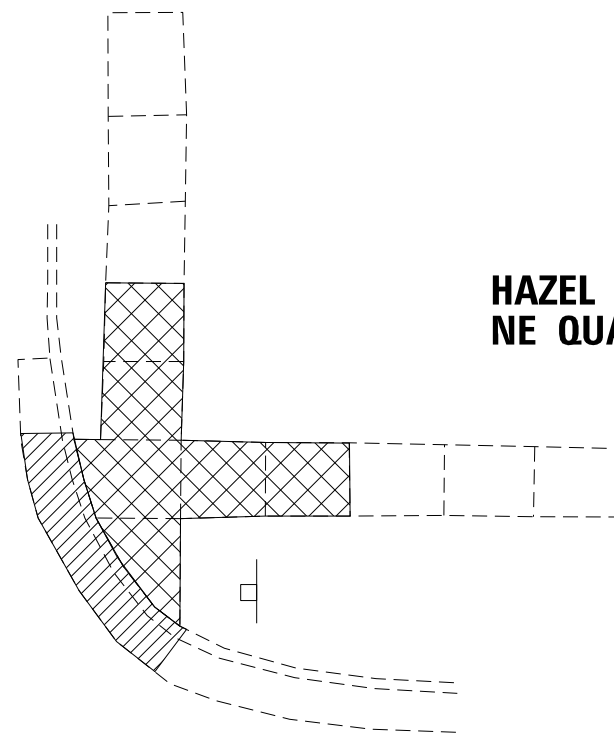
**HAZEL ST
NE QUAD**



**HAZEL ST
NW QUAD**



**HAZEL ST
NE QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

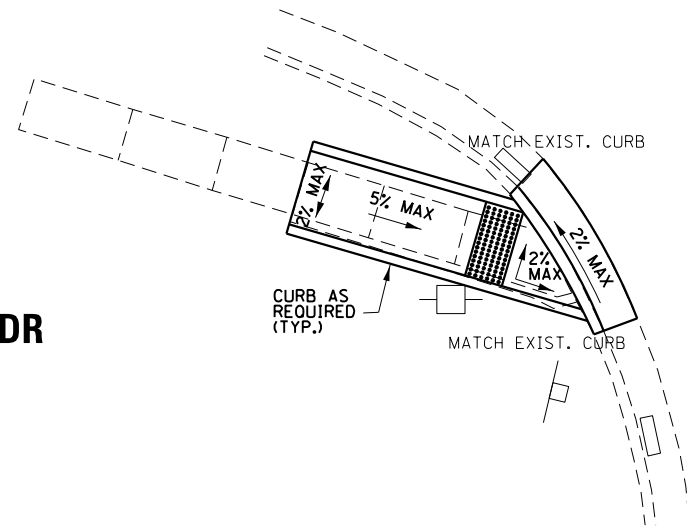
HAZEL ST

SCALE: SHEET OF SHEETS STA. TO STA.

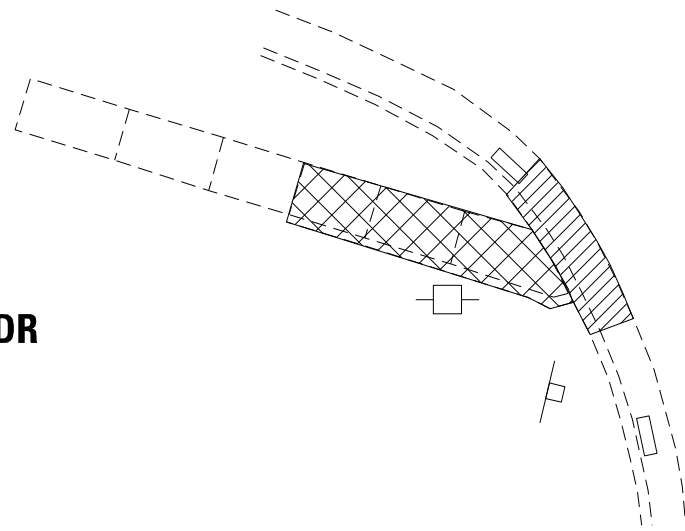
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	36
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



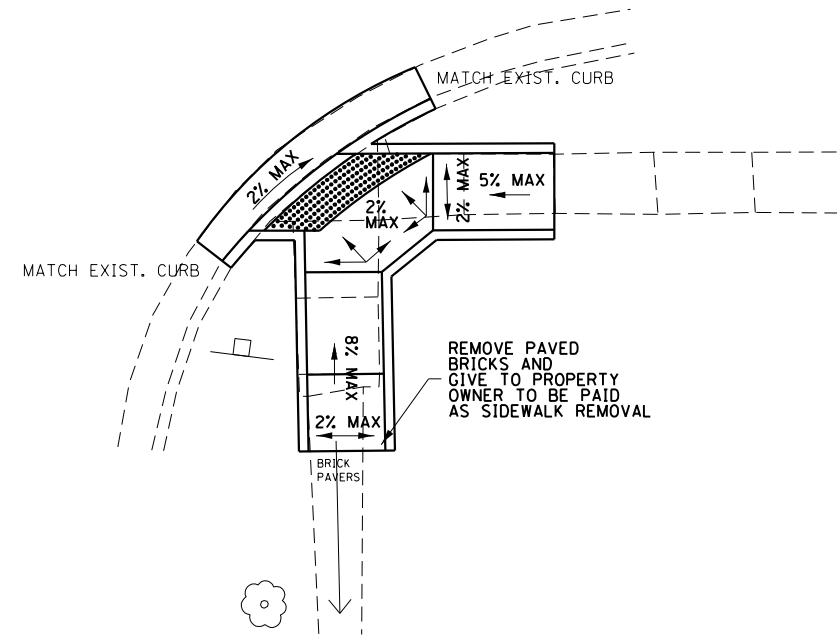
RIVERVIEW DR SW QUAD



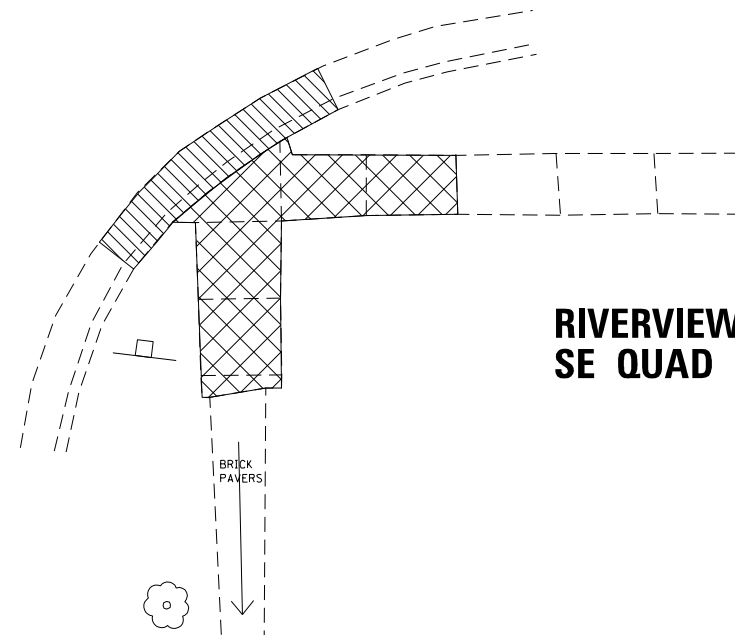
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






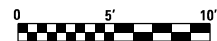
RIVERVIEW DR SE QUAD



RIVERVIEW DR SE QUAD



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- PAVEMENT REMOVAL 
- SODDING SALT TOLERANT 



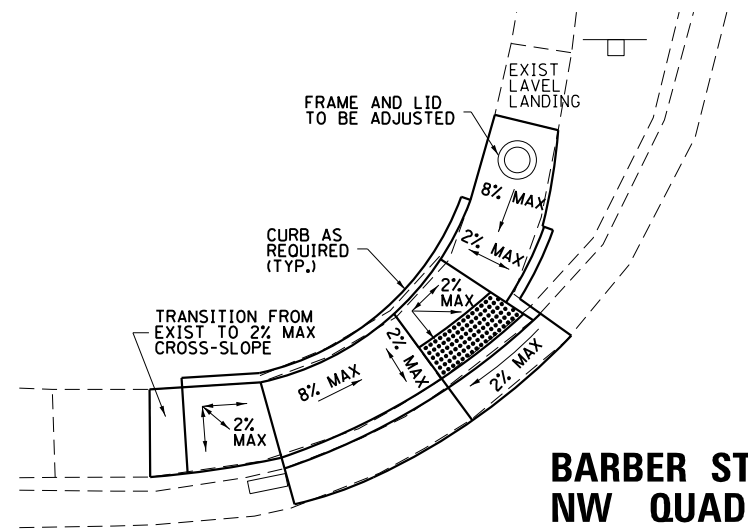
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

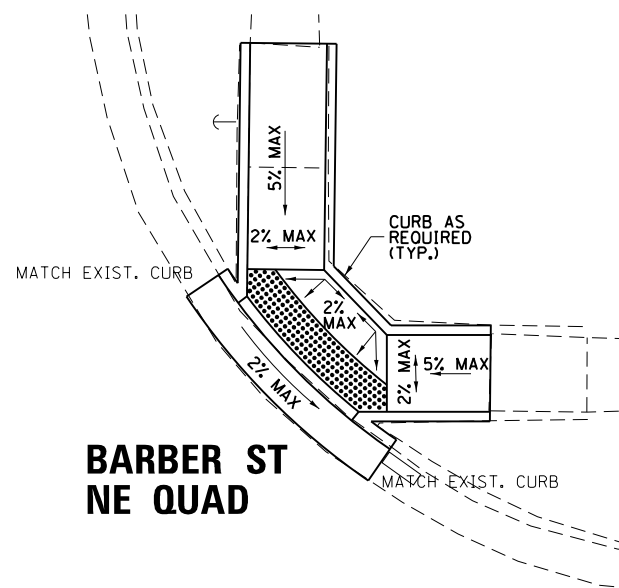
RIVERVIEW DR

SCALE: SHEET OF SHEETS STA. TO STA.

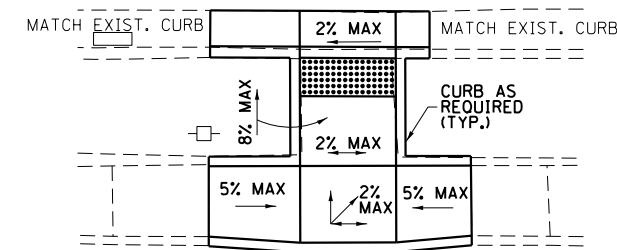
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	37
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



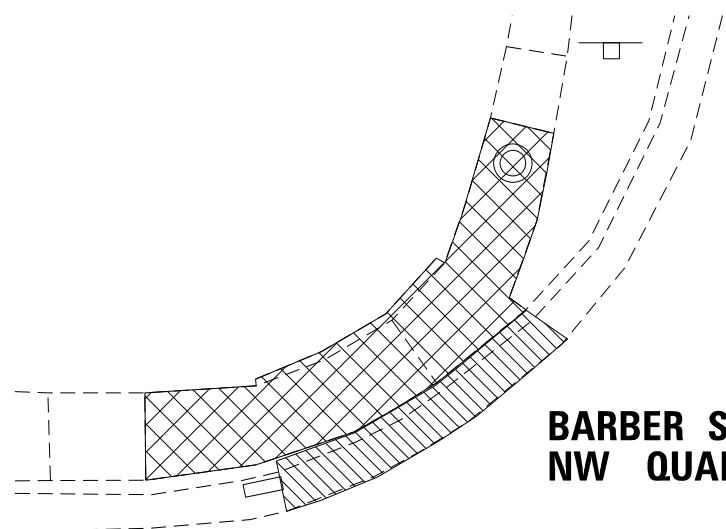
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NW QUAD**



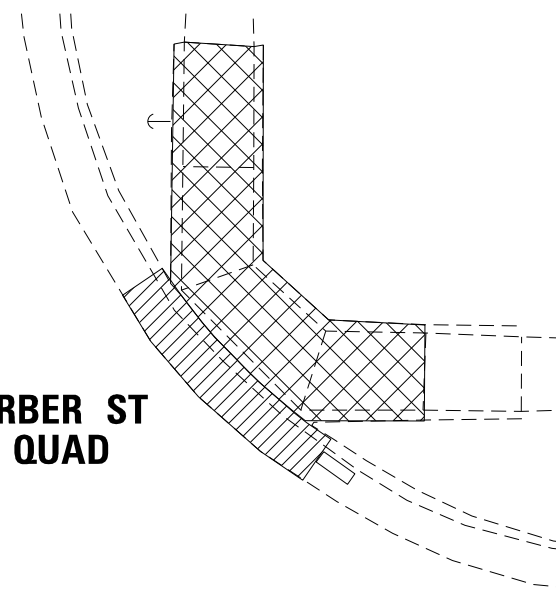
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NE QUAD**



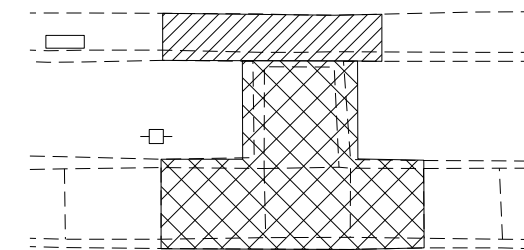
**BARBER ST
SE QUAD**



**BARBER ST
NW QUAD**

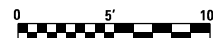


**BARBER ST
NE QUAD**



**BARBER ST
SE QUAD**

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
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	PLOT DATE = 4/14/2017	DATE -	REVISED -

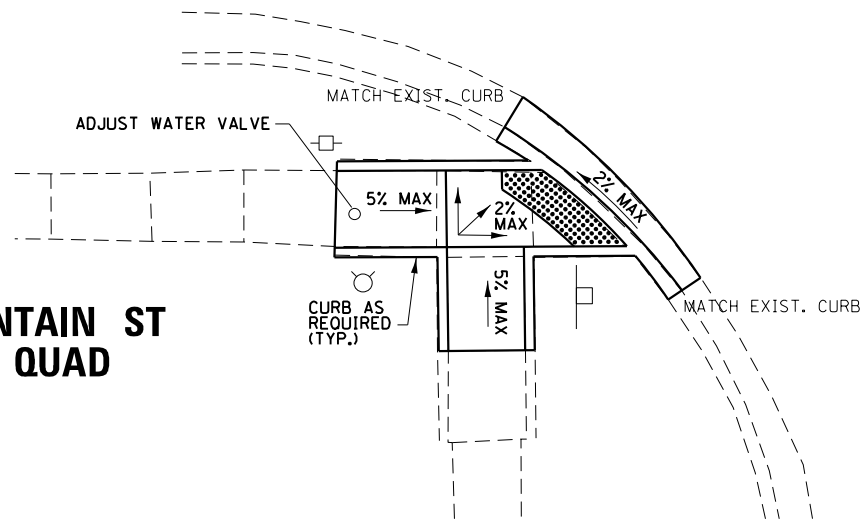
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BARBER ST			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

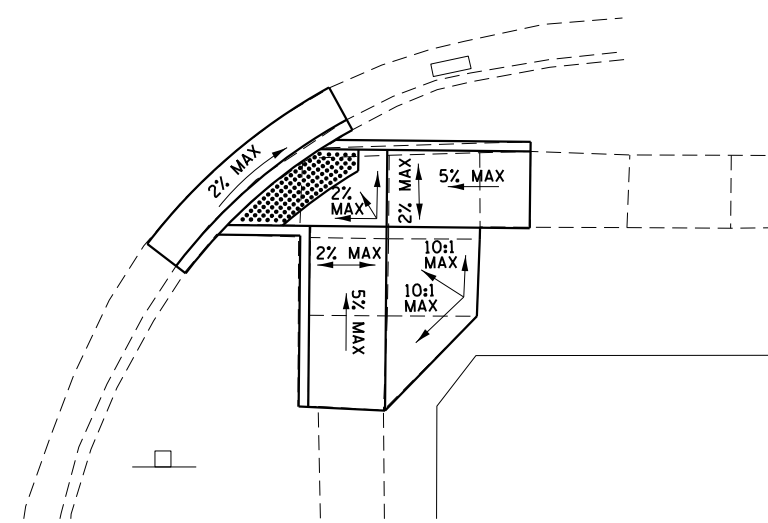
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	38
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



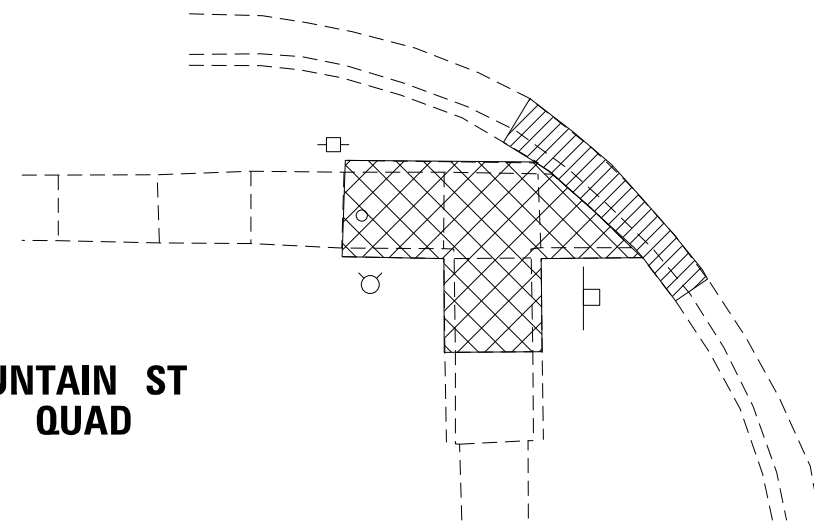
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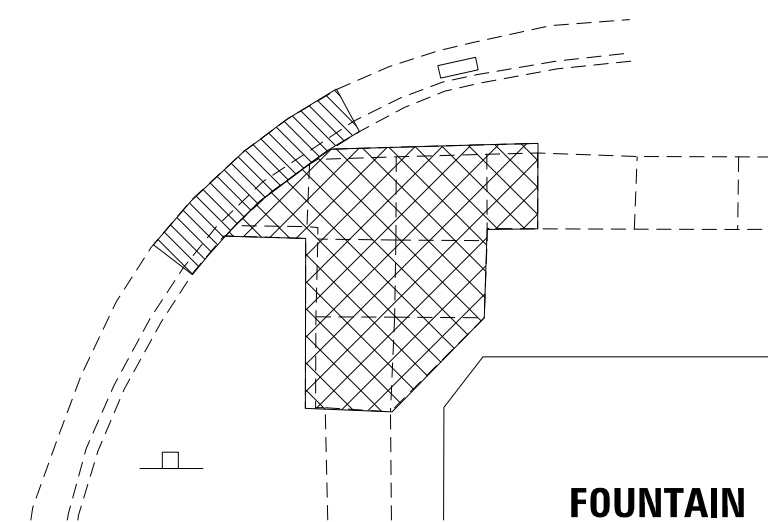
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SE QUAD**








**FOUNTAIN ST
SW QUAD**



**FOUNTAIN ST
SE QUAD**



- DETECTABLE WARNINGS 
- SIDEWALK REMOVAL 
- CC&G REMOVAL 
- PAVEMENT REMOVAL 
- SODDING SALT TOLERANT 



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
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	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

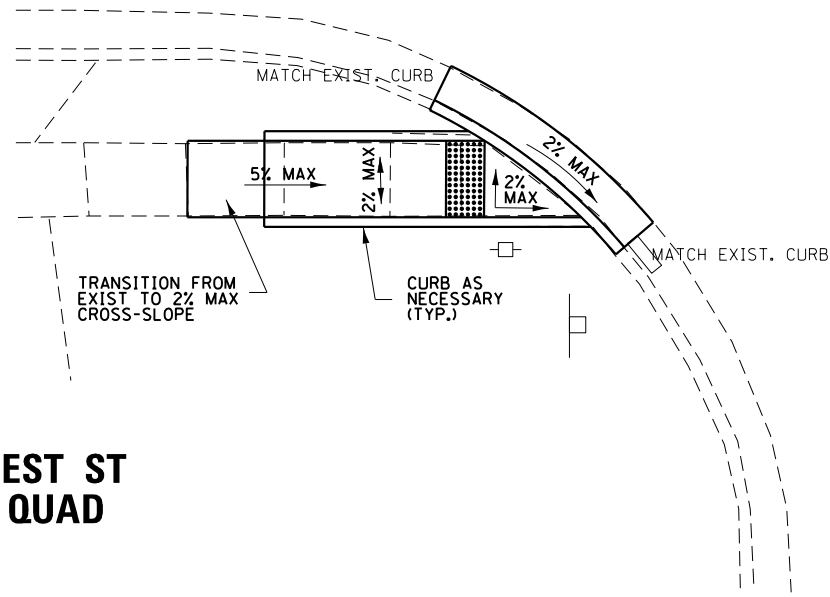
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SCALE: SHEET OF SHEETS STA. TO STA.

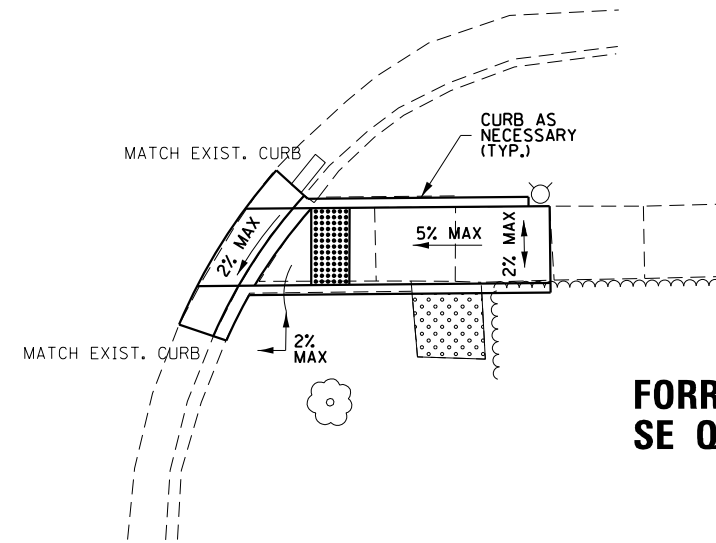
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681	(113) SW	LIVINGSTON	56	39
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



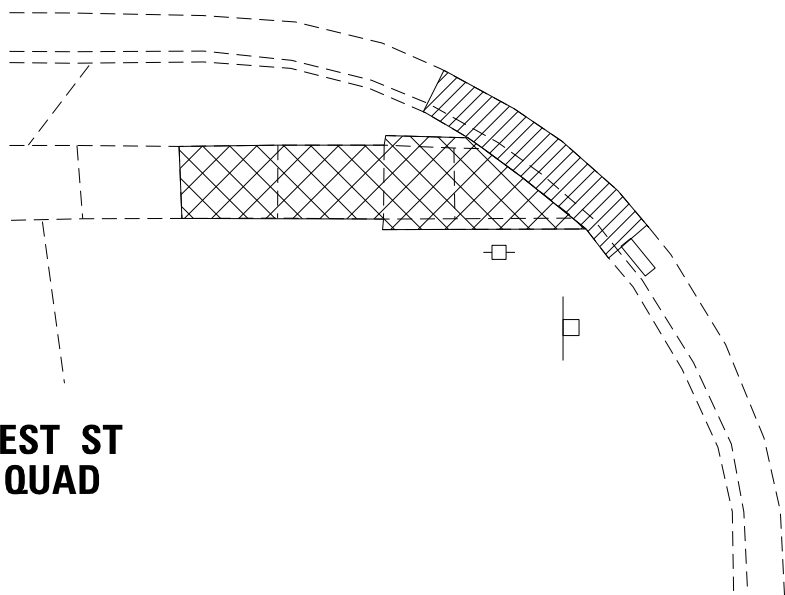
**FORREST ST
SW QUAD**



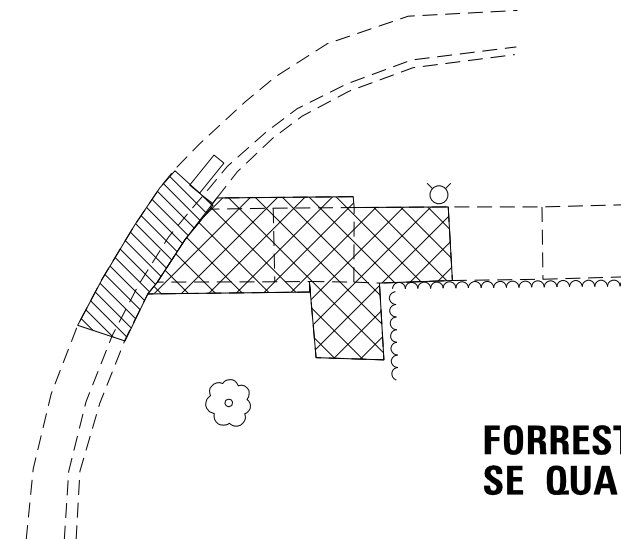
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SE QUAD**



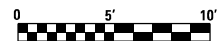
**FORREST ST
SW QUAD**



**FORREST ST
SE QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

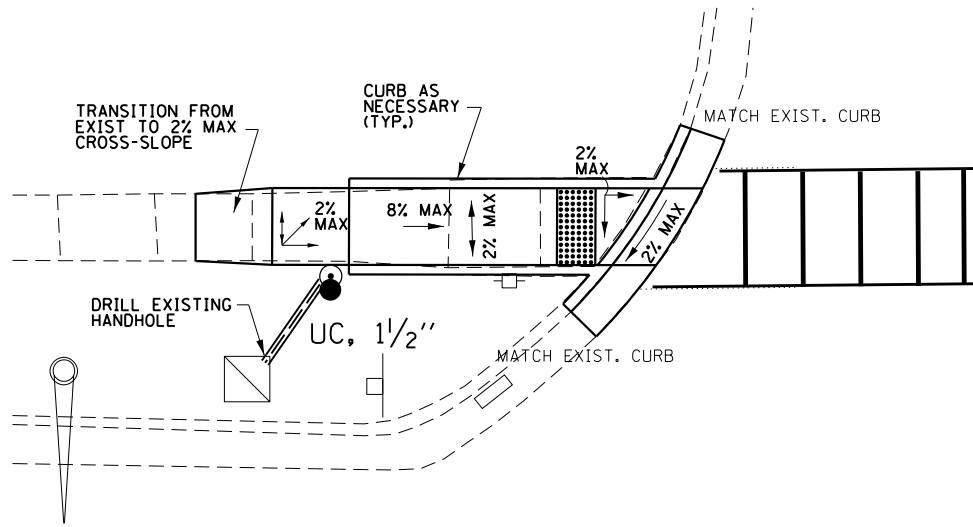
FORREST ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	40
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

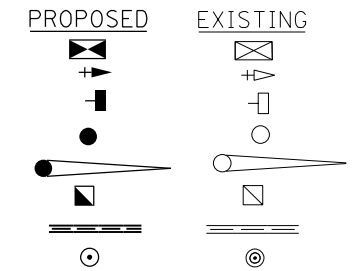


**MORROW ST
NW QUAD**



TRAFFIC SIGNAL LEGEND

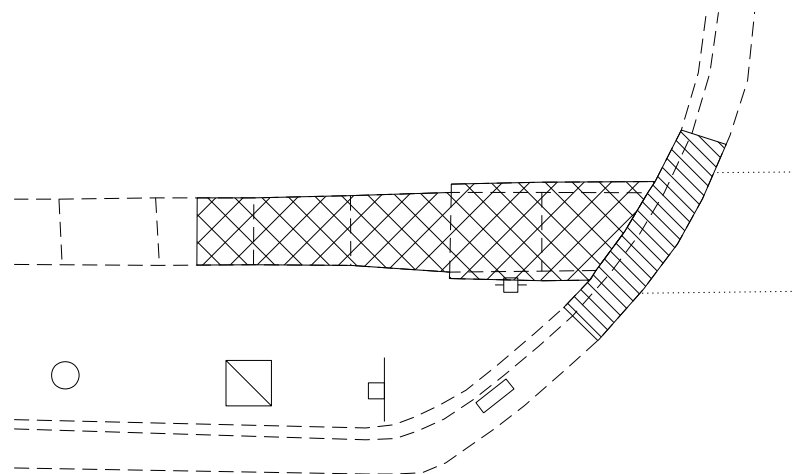
- CONTROLLER
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- HANDHOLE
- UNDERGROUND CONDUIT, PVC
- PEDESTRIAN PUSHBUTTON DETECTOR



BILL OF MATERIALS - NW QUAD		
DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	6
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	130
MODIFY EXISTING CONTROLLER CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	EACH	130
PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN PUSH BUTTON	EACH	1

SEE FOR INFORMATION ONLY SHEETS FOR DETAILS

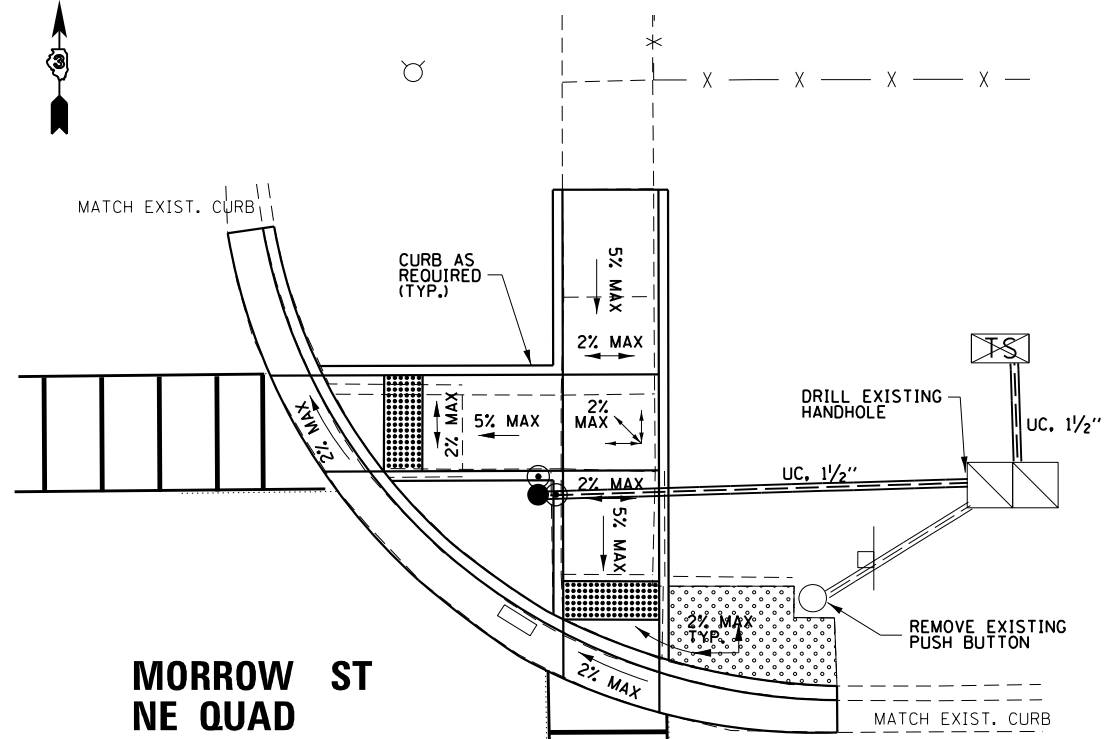
**MORROW ST
NW QUAD**



- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



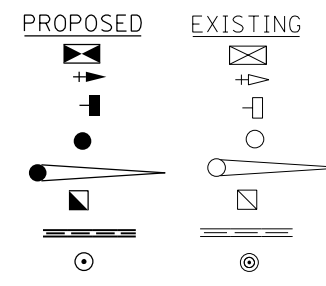
FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MORROW ST			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -		681	(113) SW	LIVINGSTON	56	43			
		DATE -	REVISED -		CONTRACT NO. 66F62				ILLINOIS FED. AID PROJECT			
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	



**MORROW ST
NE QUAD**

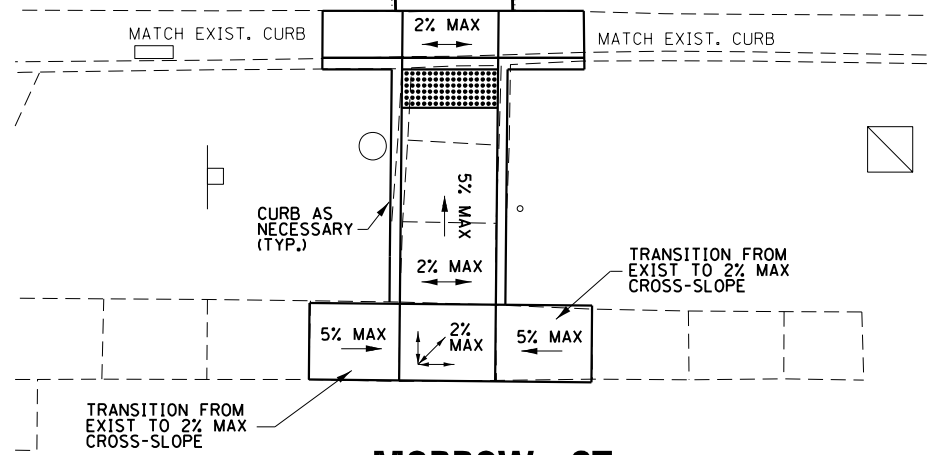
TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- HANDHOLE
- UNDERGROUND CONDUIT, PVC
- PEDESTRIAN PUSHBUTTON DETECTOR



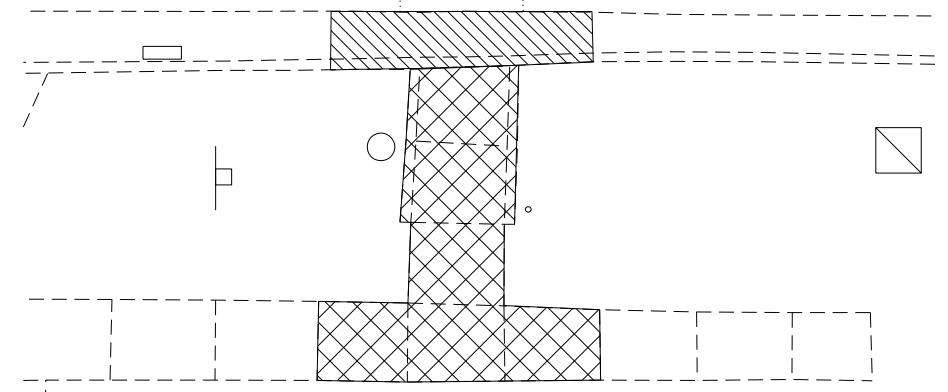
BILL OF MATERIALS - NE QUAD		
DESCRIPTION	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	26
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C	FOOT	70
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	15
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	EACH	70
PEDESTRIAN PUSH BUTTON POST, TYPE 1	EACH	1
DRILL EXISTING HANDHOLE	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
PEDESTRIAN PUSH BUTTON	EACH	2

SEE FOR INFORMATION ONLY SHEETS FOR DETAILS

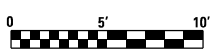


**MORROW ST
SE QUAD**

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- CC&G REMOVAL
- PAVEMENT REMOVAL
- SODDING SALT TOLERANT



**MORROW ST
SE QUAD**

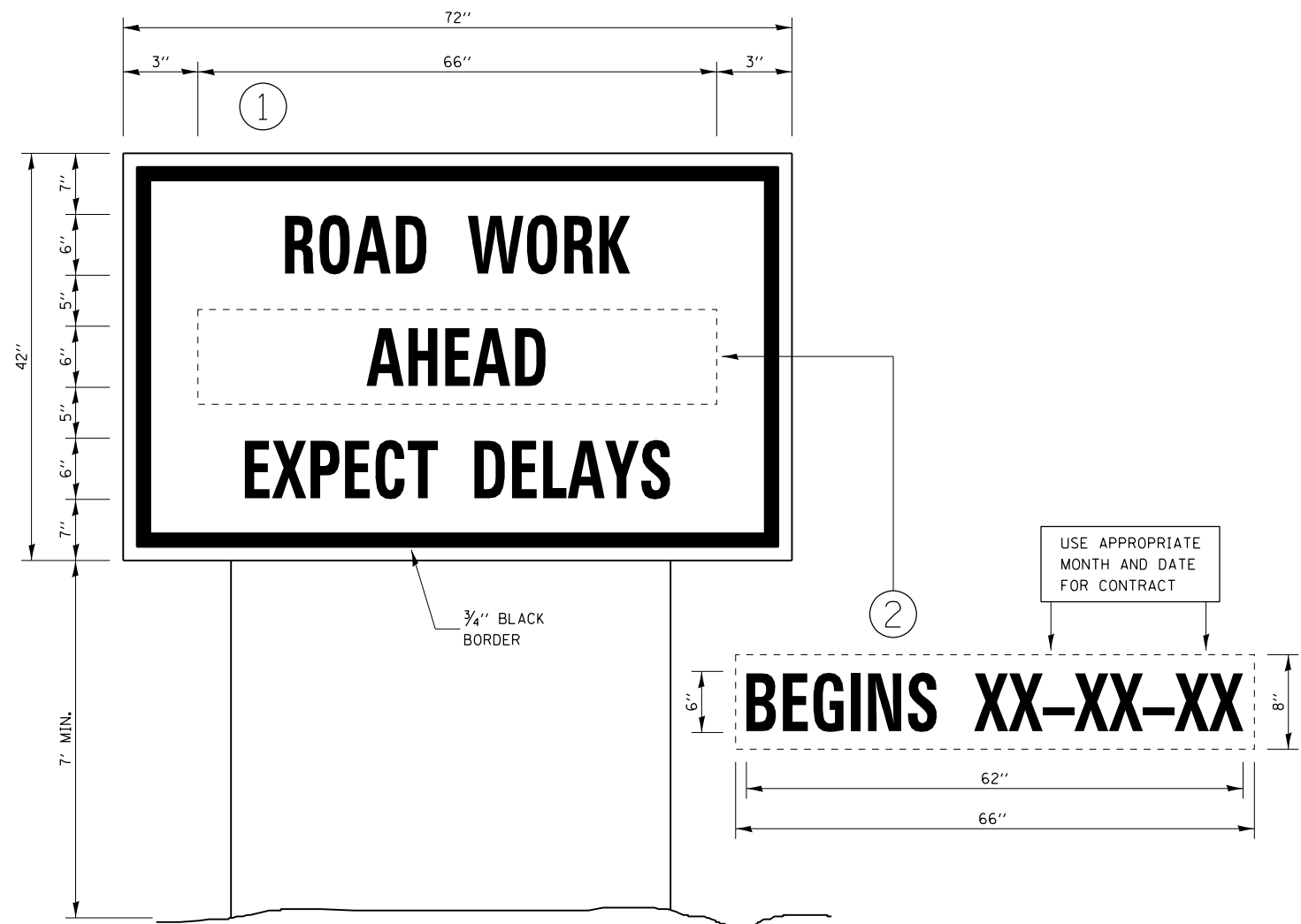


FILE NAME =	USER NAME = budzynskm	DESIGNED -	REVISED -
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Default	PLOT SCALE = 10.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MORROW ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

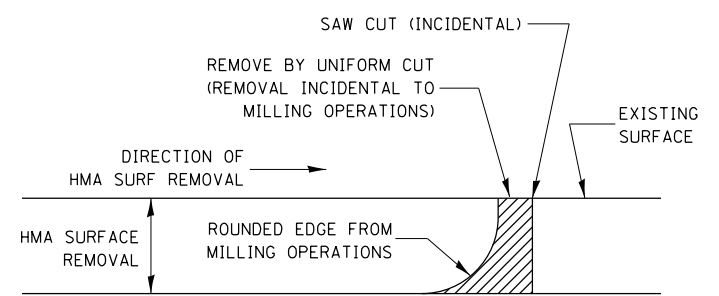
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	44
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLUORESCENT 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.

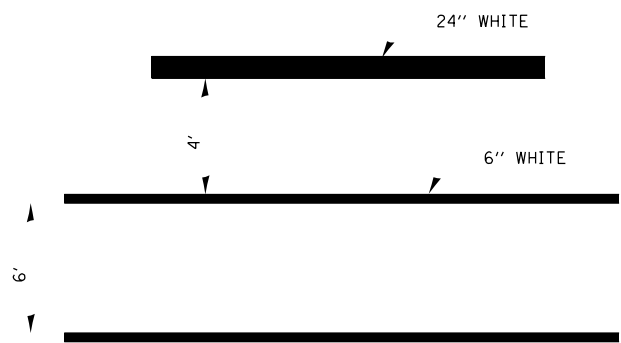


NOTE:

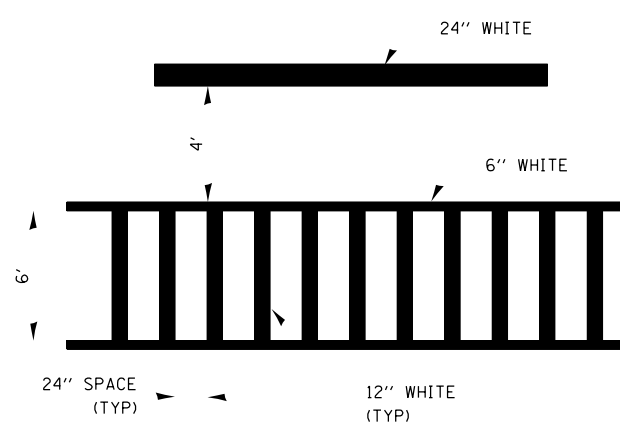
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS

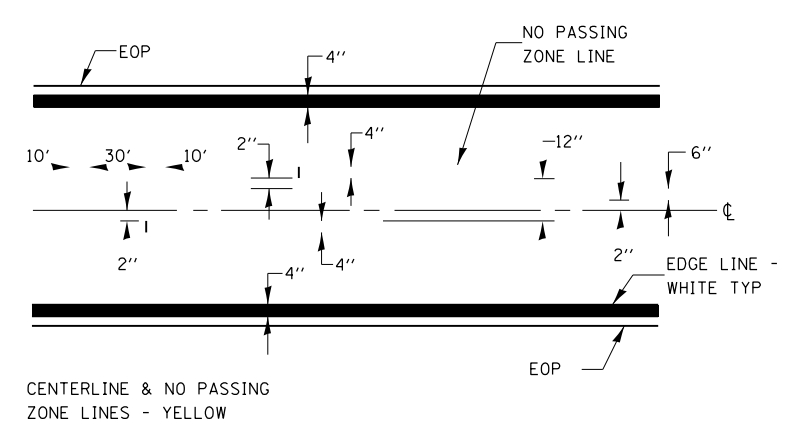
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Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		CONTRACT NO. 66F62			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	



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



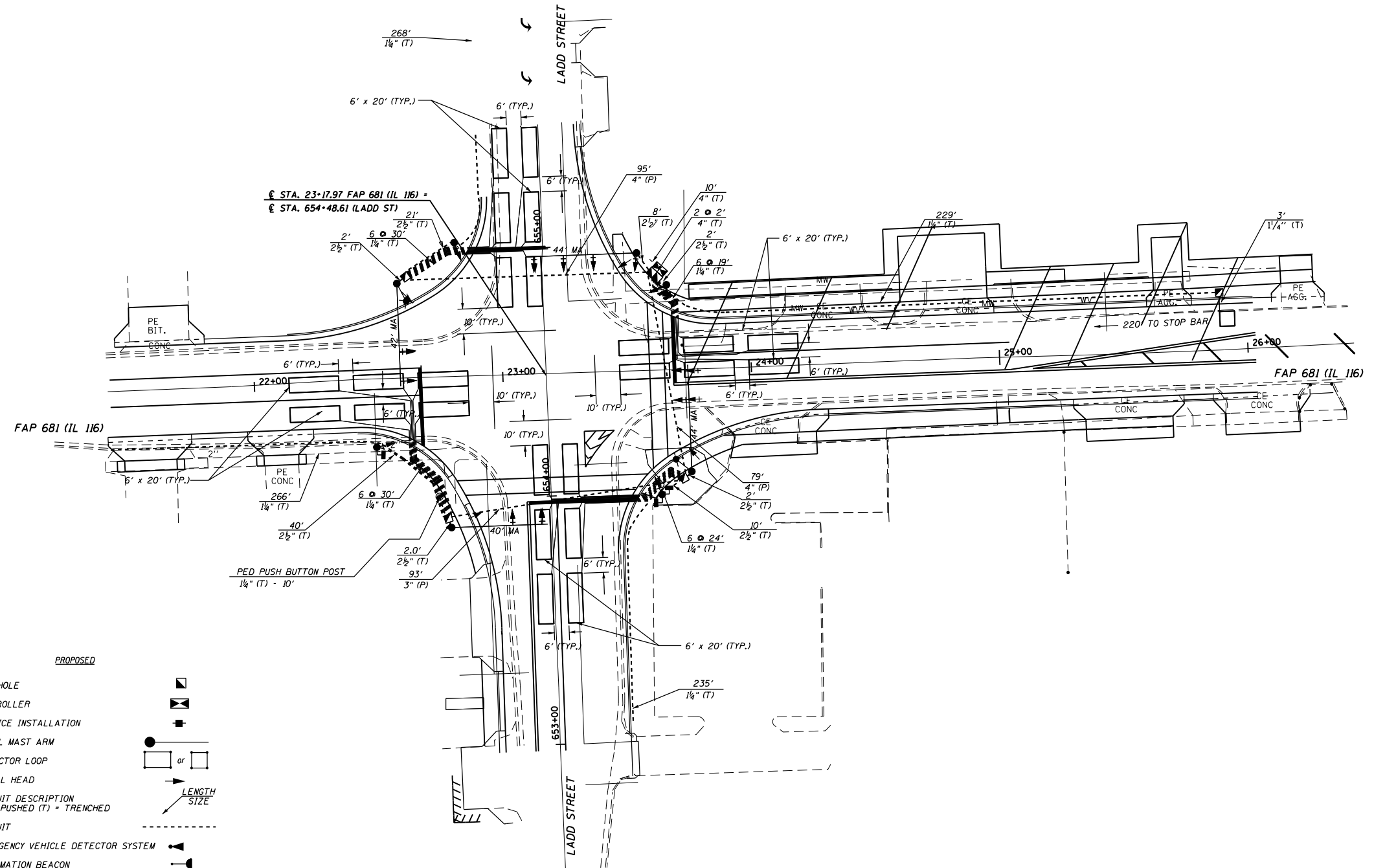
**TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS**



PAVEMENT MARKING

FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		CONTRACT NO. 66F62				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 4/14/2017				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

FOR INFORMATION ONLY



LEGEND

EXISTING	PROPOSED
WATER PIPE — W —	HANDHOLE
GAS LINE — G —	CONTROLLER
TELEPHONE LINE — T —	SERVICE INSTALLATION
OVERHEAD ELEC. — E —	STEEL MAST ARM
STORM SEWER — S —	DETECTOR LOOP
SANITARY SEWER — SS —	SIGNAL HEAD
MANHOLE	CONDUIT DESCRIPTION (P) = PUSHED (T) = TRENCHED
CONC. CURB & GUTTER	CONDUIT
SIGN	EMERGENCY VEHICLE DETECTOR SYSTEM
LIGHT STANDARD	CONFIRMATION BEACON
FIRE HYDRANT	SIGNAL HEAD WITH BACKPLATE
INLET	SIGNAL POST
UTILITY POLE	PEDESTRIAN SIGNAL HEAD
TELEPHONE POLE	PEDESTRIAN PUSH BUTTON
TEL. SPLICE BOX	DOUBLE HANDHOLE
FENCE — x — x — x	

FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
Default		CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

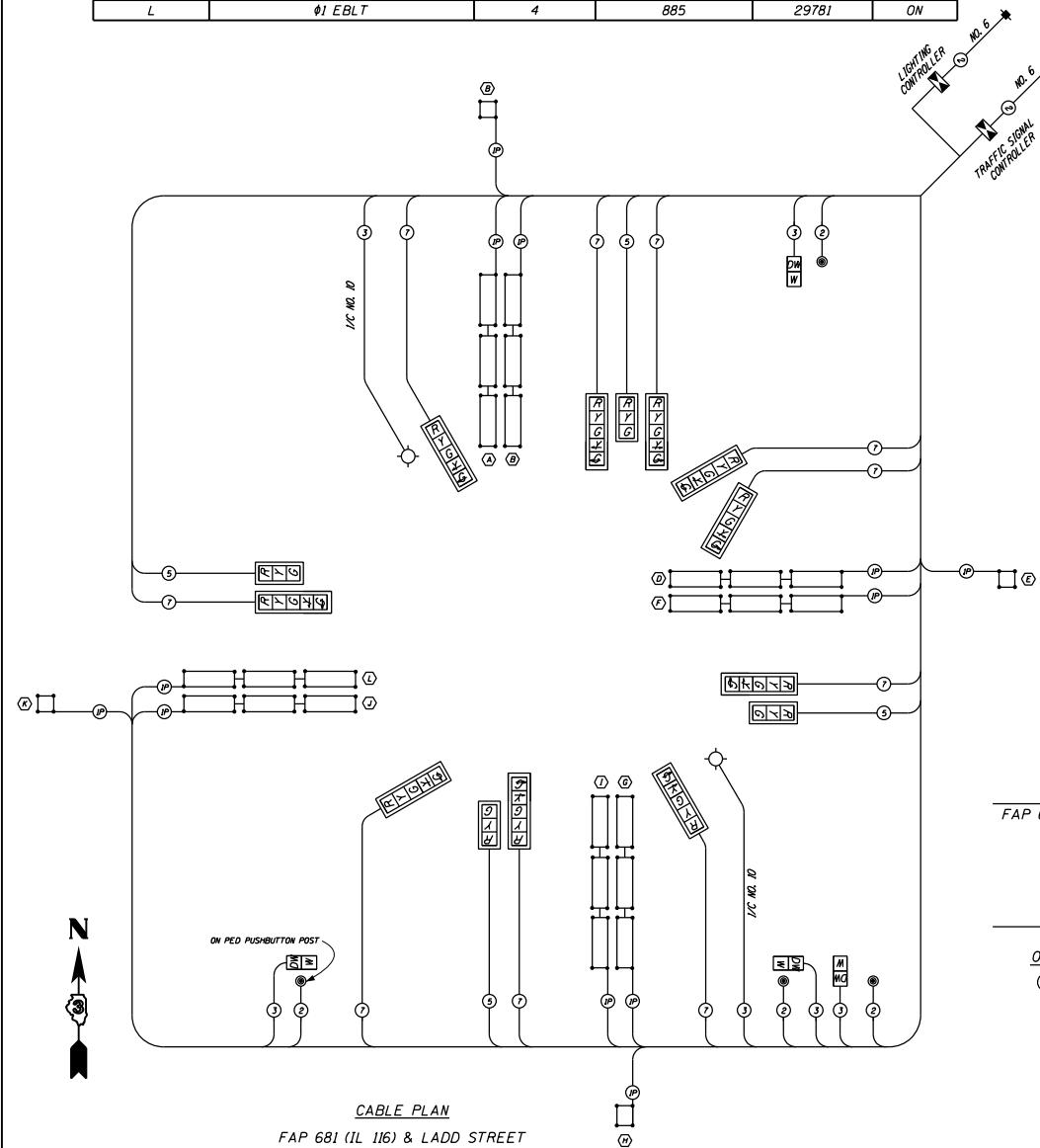
LOOP DETECTOR INFORMATION - LADD ST

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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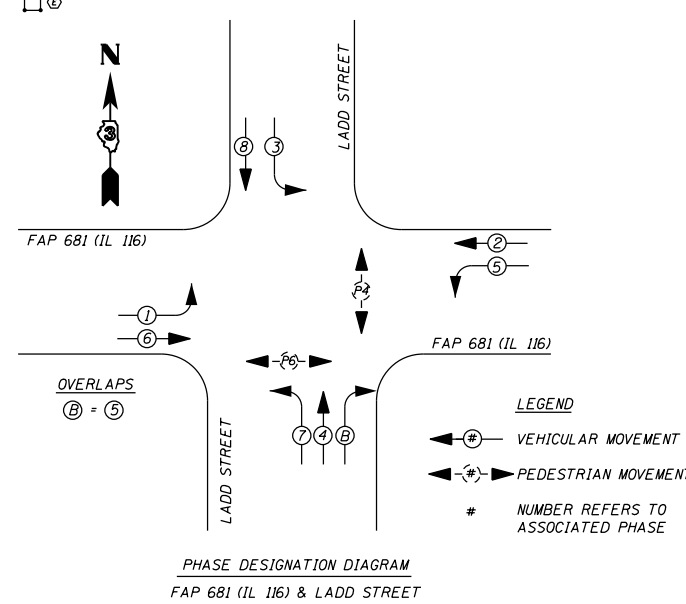
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	47
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

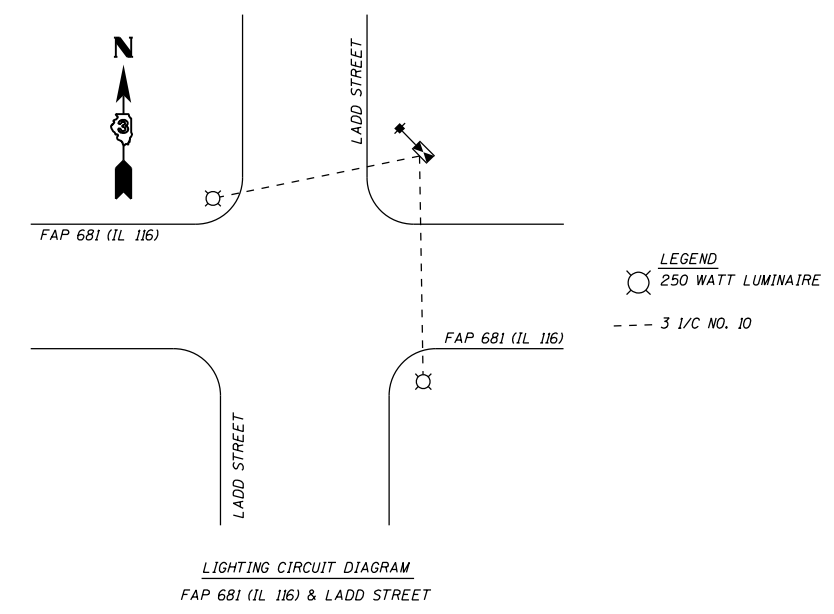
DETECTOR LOOP INDUCTANCE CHART					
LOOP-SYSTEM	PHASING/LABEL	NUM. OF TURNS PER LOOP	INDUCTANCE (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	#8 SB STBR	4	849	38145	ON
B	#8 SB FAR	6	337	31772	ON
C	#3 SBLT	4	857	35595	ON
D	#2 WB STBR	4	826	49668	OFF
E	#2 WB FAR	6	310	38756	ON
F	#5 WBLT	4	825	50339	ON
G	#4 NB STBR	4	852	37075	ON
H	#4 NB FAR	6	333	32531	ON
I	#7 NBLT	4	860	34833	ON
J	#6 EB STBR	4	871	32257	OFF
K	#6 EB FAR	6	361	27887	ON
L	#1 EBLT	4	885	29781	ON



- 12" DIAMETER RED TRAFFIC SIGNAL SECTION
- 12" DIAMETER YELLOW TRAFFIC SIGNAL SECTION
- 12" DIAMETER GREEN TRAFFIC SIGNAL SECTION
- LEFT TURN YELLOW
- LEFT TURN GREEN
- TRAFFIC SIGNAL (3-SECTION)
- TRAFFIC SIGNAL (3-SECTION) WITH BACKPLATE
- TRAFFIC SIGNAL (5-SECTION)
- TRAFFIC SIGNAL (5-SECTION) WITH BACKPLATE
- VEHICLE DETECTOR, INDUCTION LOOP
- DETECTOR LOOP IDENTIFICATION
- DENOTES NUMBER OF CONDUCTORS
ALL LOOP DETECTOR CABLE TO BE SHIELDED
ALL CABLE NO. 14 EXCEPT AS INDICATED
- PROPOSED ELECTRICAL SERVICE
- PROP. CONTROLLER CABINET
- DENOTES NUMBER OF PAIRS TWISTED SHIELDED CABLE
- CONFIRMATION BEACON
- EMERGENCY VEHICLE SYSTEM DETECTOR
- WALK/DON'T WALK SECTION (SYMBOL INDICATION)
- PEDESTRIAN PUSH BUTTON DETECTOR
- 250 WATT HPS LUMINAIRE



ELECTRICAL LOAD FOR LADD STREET & IL 116			
DIRECTION	NUMBER	WATTAGE EACH	BURN TIME (%)
SOUTHBOUND (LADD STREET)			
RED	3	10	64%
YELLOW	3	19	3%
GREEN	3	14	33%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	10%
NORTHBOUND (LADD STREET)			
RED	5	10	79%
YELLOW	5	19	3%
GREEN	5	14	18%
YELLOW ARROW	4	9	0%
GREEN ARROW	4	9	0%
WALK	2	6	13%
DON'T WALK	2	8	87%
EASTBOUND (IL 116 - HOWARD STREET)			
RED	3	10	55%
YELLOW	3	19	3%
GREEN	3	14	42%
YELLOW ARROW	2	9	0%
GREEN ARROW	2	9	0%
WALK	2	6	37%
DON'T WALK	2	8	63%
WESTBOUND (IL 116 - HOWARD STREET)			
RED	3	10	40%
YELLOW	3	19	3%
GREEN	3	14	57%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	10%
TRAFFIC SIGNAL			
CONTROLLER	1	6	100%
DETECTOR	12	4	100%
HIGHWAY LIGHTING			
CONTROLLER	1	6	100%
LUMINAIRE	2	310	50%



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -
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Default	PLOT DATE = 4/14/2017	DATE -	REVISED -

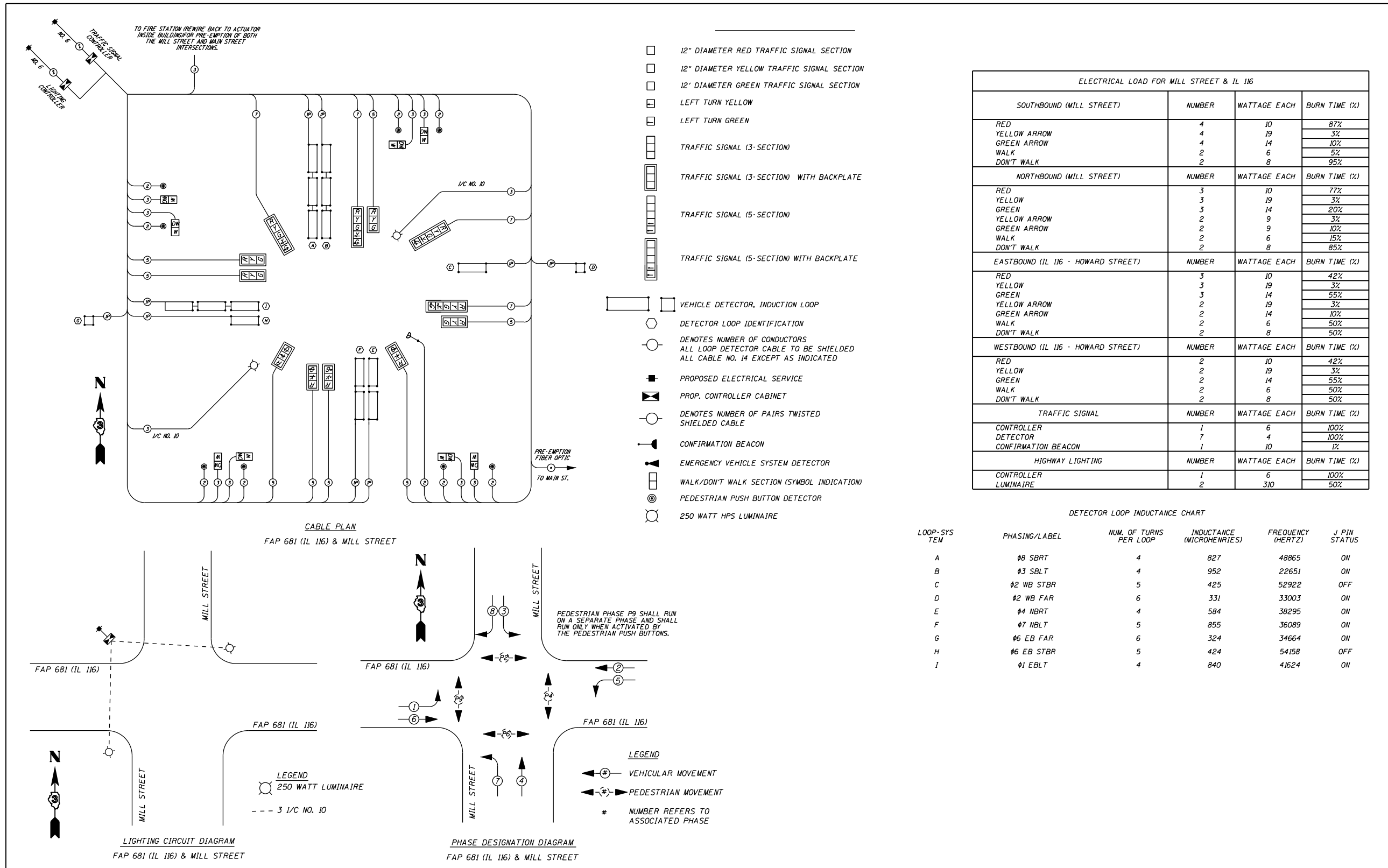
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOOP DETECTOR INFORMATION - LADD ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	48
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

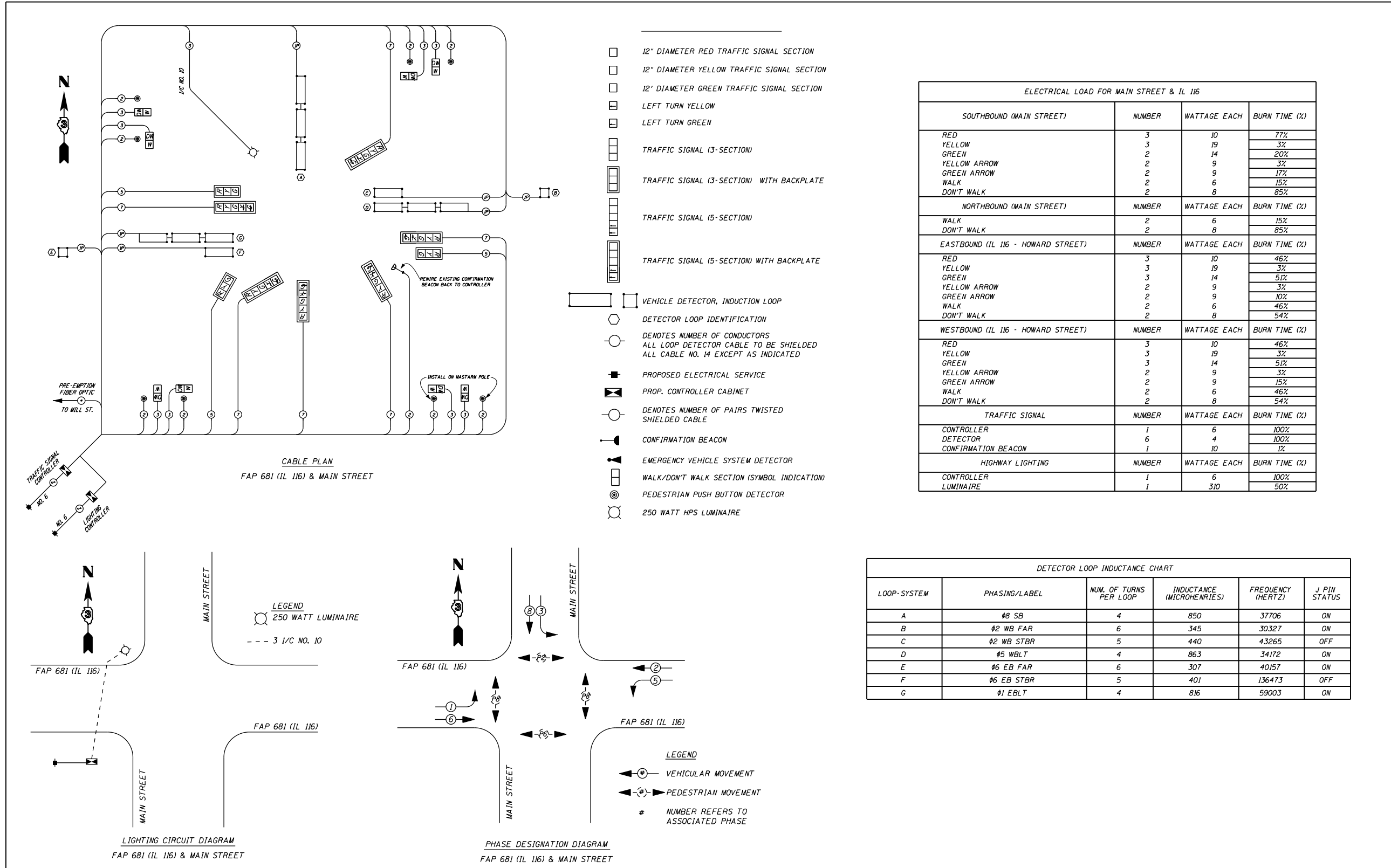
FOR INFORMATION ONLY



DETECTOR LOOP INDUCTANCE CHART

LOOP-SYSTEM	PHASING/LABEL	NUM. OF TURNS PER LOOP	INDUCTANCE (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	#8 SBRT	4	827	48865	ON
B	#3 SBLT	4	952	22651	ON
C	#2 WB STBR	5	425	52922	OFF
D	#2 WB FAR	6	331	33003	ON
E	#4 NBRT	4	584	38295	ON
F	#7 NBLT	5	855	36089	ON
G	#6 EB FAR	6	324	34664	ON
H	#6 EB STBR	5	424	54158	OFF
I	#1 EBLT	4	840	41624	ON

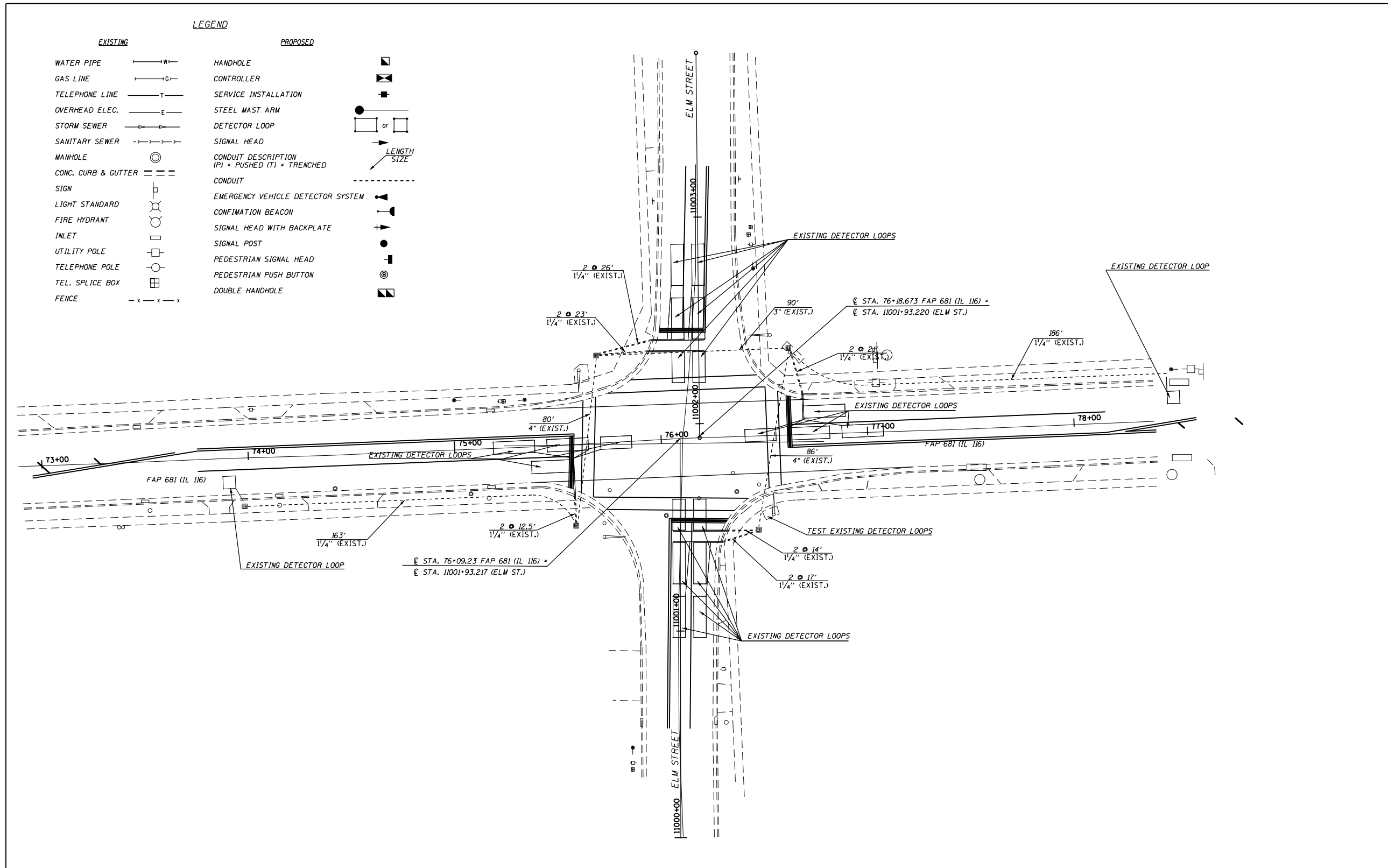
FOR INFORMATION ONLY



ELECTRICAL LOAD FOR MAIN STREET & IL 116			
SOUTHBOUND (MAIN STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	3	10	77%
YELLOW	3	19	3%
GREEN	2	14	20%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	17%
WALK	2	6	15%
DON'T WALK	2	8	85%
NORTHBOUND (MAIN STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
WALK	2	6	15%
DON'T WALK	2	8	85%
EASTBOUND (IL 116 - HOWARD STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	3	10	46%
YELLOW	3	19	3%
GREEN	3	14	51%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	10%
WALK	2	6	46%
DON'T WALK	2	8	54%
WESTBOUND (IL 116 - HOWARD STREET)			
	NUMBER	WATTAGE EACH	BURN TIME (%)
RED	3	10	46%
YELLOW	3	19	3%
GREEN	3	14	51%
YELLOW ARROW	2	9	3%
GREEN ARROW	2	9	15%
WALK	2	6	46%
DON'T WALK	2	8	54%
TRAFFIC SIGNAL			
	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100%
DETECTOR	6	4	100%
CONFIRMATION BEACON	1	10	1%
HIGHWAY LIGHTING			
	NUMBER	WATTAGE EACH	BURN TIME (%)
CONTROLLER	1	6	100%
LUMINAIRE	1	310	50%

DETECTOR LOOP INDUCTANCE CHART					
LOOP-SYSTEM	PHASING/LABEL	NUM. OF TURNS PER LOOP	INDUCTANCE (MICROHENRIES)	FREQUENCY (HERTZ)	J PIN STATUS
A	#8 SB	4	850	37706	ON
B	#2 WB FAR	6	345	30327	ON
C	#2 WB STBR	5	440	43265	OFF
D	#5 WBLT	4	863	34172	ON
E	#6 EB FAR	6	307	40157	ON
F	#6 EB STBR	5	401	136473	OFF
G	#1 EBLT	4	816	59003	ON

FOR INFORMATION ONLY



FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOOP DETECTOR INFORMATION - ELM ST				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default		CHECKED -	REVISED -		681	(113) SW	LIVINGSTON	56	53				
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66F62				
					ILLINOIS FED. AID PROJECT								

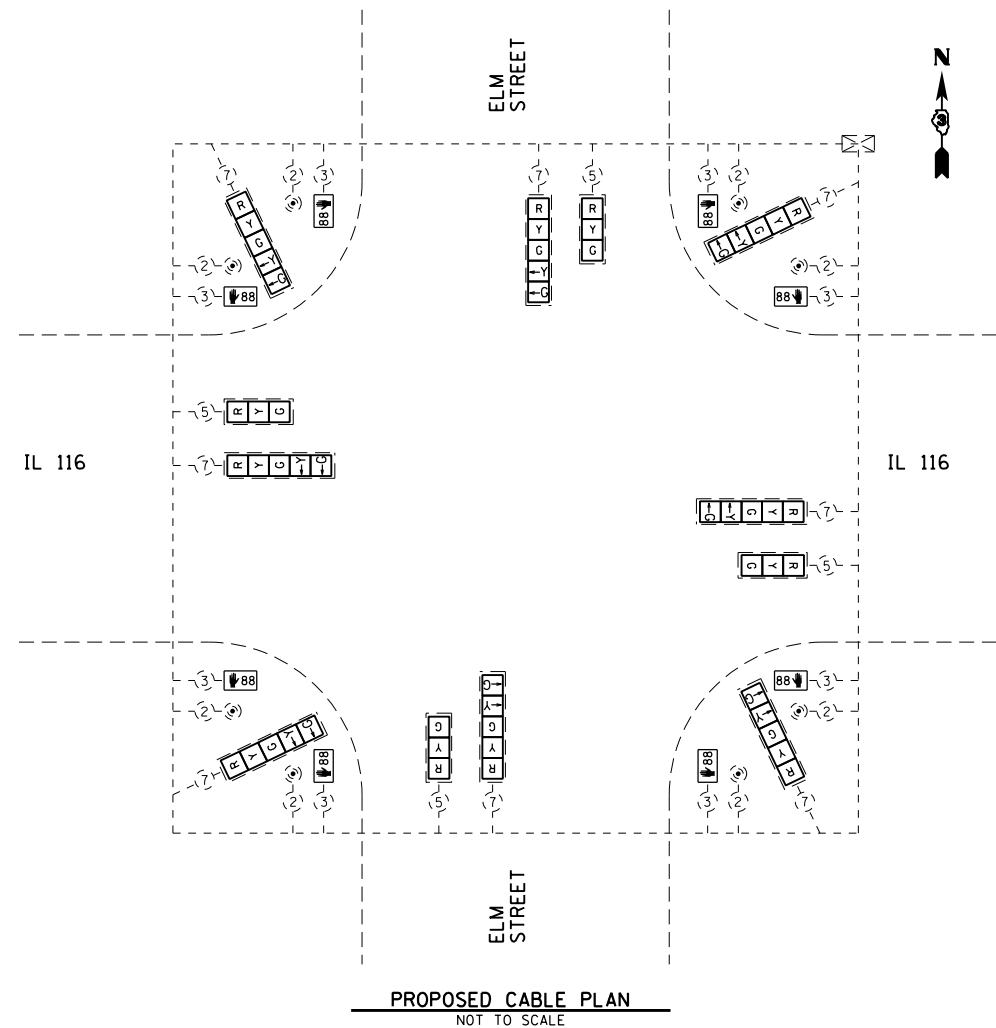
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ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 116	RED	6	7	35
	YELLOW	6	12	5
	GREEN	6	9.5	60
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
	88	4	11/10	50/50
ELM STREET	RED	6	7	60
	YELLOW	6	12	5
	GREEN	6	9.5	35
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
	88	4	8	50
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

THERE MAY BE ADDITIONAL ELECTRICAL LOADS DUE TO LIGHTING AND EMERGENCY VEHICLE DETECTION EQUIPMENT.
 AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:
 CITY OF PONTIAC

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE FOUR (4) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE EIGHT (8) 5-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE EIGHT (8) PEDESTRIAN HEADS WITH LED PEDESTRIAN HEADS WITH COUNT DOWN TIMERS.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED



TRAFFIC SIGNALS LEGEND

()	DENOTES NUMBER OF EXISTING CONDUCTORS
⊞	EXISTING CONTROLLER AND CABINET
□	SIGNAL SECTION 12"
⊞	LEFT TURN YELLOW
⊞	LEFT TURN GREEN
⊞	EXISTING PEDESTRIAN PUSH BUTTON
88	PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER
⊞	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

SCHEDULE OF QUANTITIES (95% STATE / 5% CITY)

PONTIAC		IL 116 (HOWARD ST.) & ELM ST.	
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
20033002	LED SIGNAL FACE RETROFIT, RED BALL	EACH	12
20033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	12
20033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	12
20033010	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	8
20033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	8

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Default		CHECKED -	REVISED -
	PLOT DATE = 4/14/2017	DATE -	REVISED -

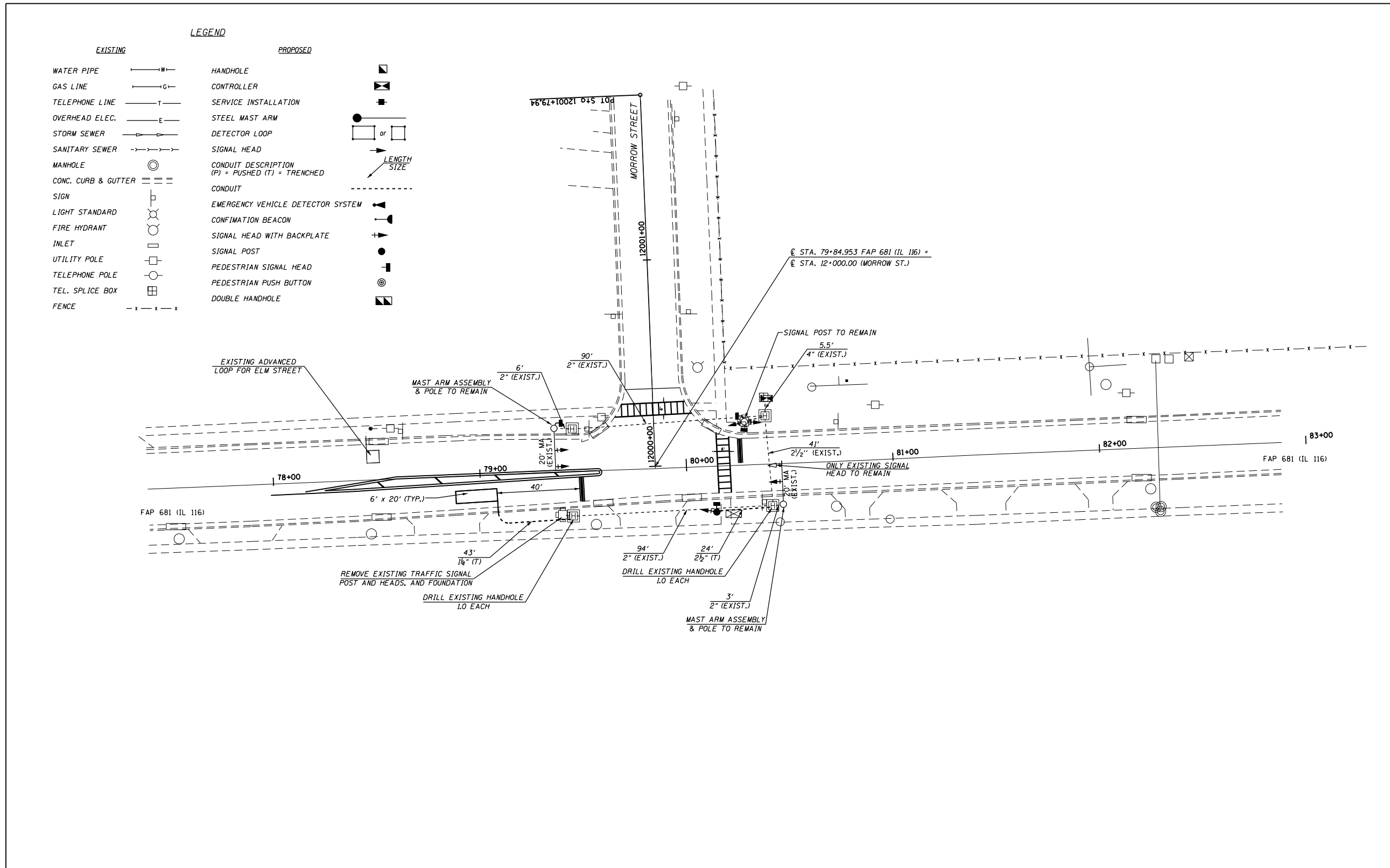
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOOP DETECTOR INFORMATION - ELM ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
681	(113) SW	LIVINGSTON	56	54
CONTRACT NO. 66F62				
ILLINOIS FED. AID PROJECT				

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FILE NAME =	USER NAME = budzynskim	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOOP DETECTOR INFORMATION - MORROW ST			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default								681	(113) SW	LIVINGSTON	56	55
					SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66F62				
					ILLINOIS FED. AID PROJECT							

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