

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	1
		ILLINOIS	CONTRACT NO. 76D64	

*42+1=43

D-98-031-10

INDEX OF SHEETS

- 1.) COVER SHEET
- 2.) GENERAL NOTES
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- 14.) LOCATION MAP
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- 23-31.) INTERSECTION DETAIL
- 32-34.) MISCELLANEOUS DETAILS
- 35-42.) DETECTOR LOOPS DETAILS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

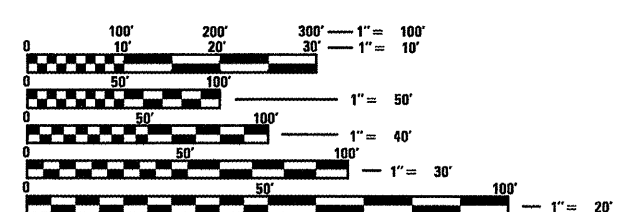
F.A.U. ROUTE 9266 (LEBANON AVE.)
SECTION 33RS-5

3P RESURFACING
ST. CLAIR COUNTY
C-98-045-10

HIGHWAY STANDARDS

000001-05	701306-02
442201-03	701311-03
630001-08	701336-05
635006-03	701502-03
635011-02	701901-01
701001-02	780001-02
701006-03	781001-03
701201-03	886006-01
701301-03	B.L.R. 23-3

SCALES



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: TIM PADGETT (618)346-3325
PROJECT MANAGER: MICHAEL DROUIN (618) 566-6541

CONTRACT NO. 76D64

END OMISSION
STA. 190 + 43

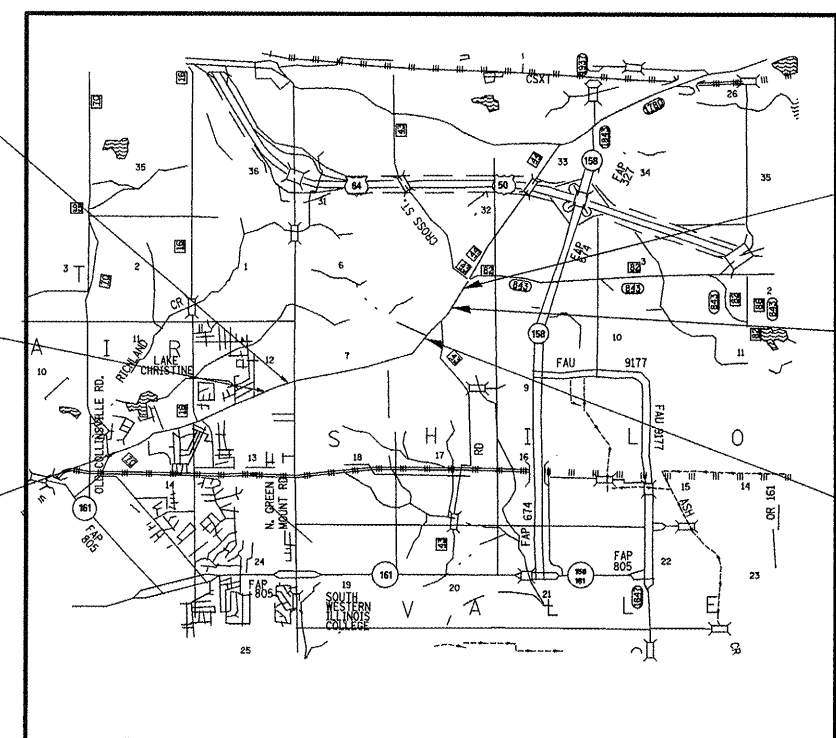
BEGIN OMISSION
STA. 179 + 10

BEGIN PROJECT
STA. 101 + 28
LAT. 38.5367 N
LONG: 89.9624 W

END PROJECT
STA. 311 + 87
LAT. 38.5621 N
LONG: 89.8975 W

END OMISSION
STA. 299 + 23

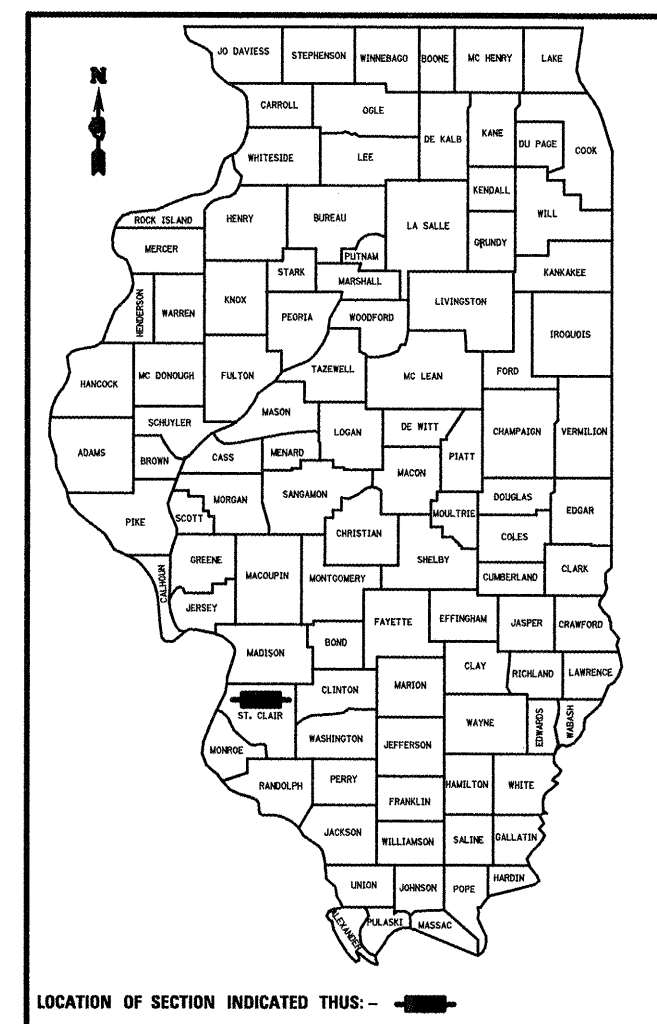
BEGIN OMISSION
STA. 282 + 33



FUNCTIONAL ROUTE
MINOR ARTERIAL URBAN

GROSS LENGTH = 21,059 FT. = 3.99 MILE
NET LENGTH = 18,236 FT. = 3.45 MILE

TRAFFIC DATA
ADT: 10,900 (2009)
SU: 2%
MU: 2%



LOCATION OF SECTION INDICATED THUS: - [shaded rectangle]

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 19 2010
Michael Drouin
 DEPUTY DIRECTOR OF HIGHWAYS, REGIONAL ENGINEER

May 7 2010
Scott E. Stitt, P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.
2. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
*AMERENIP	X	X
*AT&T ILLINOIS	X	X
*AT&T CORPORATION	X	X
*CHARTER COMMUNICATIONS, INC.	X	X
*ILLINOIS AMERICAN WATER COMPANY		X
*CITY OF O'FALLON		X
*PAETEC	X	X
*SCOTT AIR FORCE BASE		X
*VILLAGE OF SHILOH		X
*ST. CLAIR TOWNSHIP		X
*VERIZON NORTH, INC.	X	X

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
6. ALL TRAFFIC CONTROL DEVICES SHALL BE SKID MOUNTED.
7. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48".
8. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
9. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
10. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

11. EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
12. MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
13. THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE BITUMINOUS PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
14. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
15. THE THICKNESS OF BITUMINOUS SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE LOCATION SHOWN ON THE TYPICALS. THE REMOVAL DEPTH VARIES FROM 1" TO 1 1/4". AN ESTIMATED 6500 TONS OF BITUMINOUS SURFACE WILL BE REMOVED.
16. REFER TO ARTICLE 107.20 & 107.25 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER FOR RELOCATION OF ALL MAILBOXES, EXISTING STREET NAME SIGNS, AND ALL PRIVATE AND COMMERCIAL SIGNS.
17. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
18. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO MILLED, PRIMED, LEVELING BINDER AND SURFACE. ONLY SHORT TERM PAVEMENT MARKING REMOVED FROM FINAL SURFACE IS TO BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
19. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

URBAN
100% STATE

SUMMARY OF QUANTITIES

URBAN
100% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000	-----	-----
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	20	20		
40600300	AGGREGATE (PRIME COAT)	TON	156	156		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	2258	2258		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	603	603		
40600990	TEMPORARY RAMP	SQ YD	736	736		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5238	5238		
40800020	BITUMINOUS MATERIALS (PRIME COAT)	TON	1.2	1.2		
40800030	AGGREGATE (PRIME COAT)	TON	5	5		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	137	137		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	31093	31093		
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	40334	40334		
44200180	PAVEMENT PATCHING, TYPE II, 15 INCH	SQ YD	189	189		
44200184	PAVEMENT PATCHING, TYPE III, 15 INCH	SQ YD	23	23		
44200186	PAVEMENT PATCHING, TYPE IV, 15 INCH	SQ YD	84	84		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	43449	43449		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	349	349		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1126	1126		
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1107	1107		
* 63001605	METAL POSTS	EACH	3	3		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7	7		
63200310	GUARDRAIL REMOVAL	FOOT	1369.5	1369.5		
63301990	REMOVAL AND RE-ERECTTRAFFIC BARRIER TERMINAL, TYPE1	EACH	1	1		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
67100100	MOBILIZATION	L SUM	1	1		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		-----	-----	-----
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	15685	15685		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1430	1430		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	78015	78015		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1458	1458		
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	451	451		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1307	1307		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1430	1430		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	78015	78015		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1458	1458		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	451	451		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	648	648		
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	18	18		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	720	720		
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	702	702		
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	4998	4998		
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	2	2		

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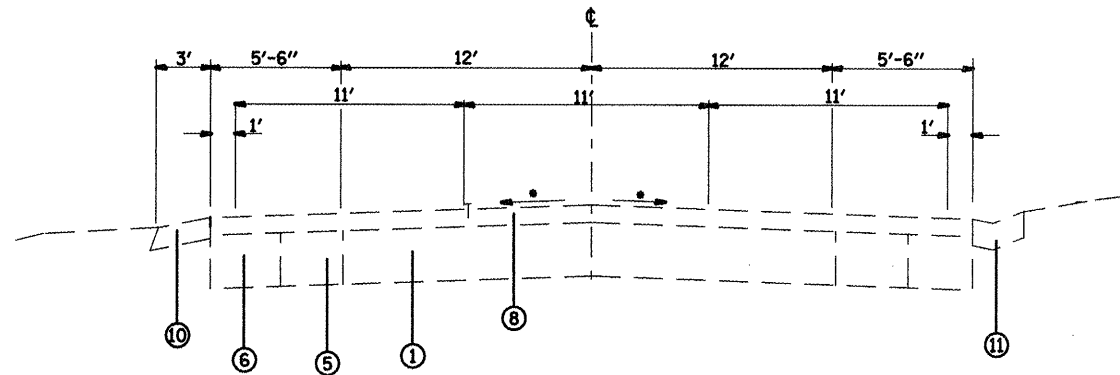
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

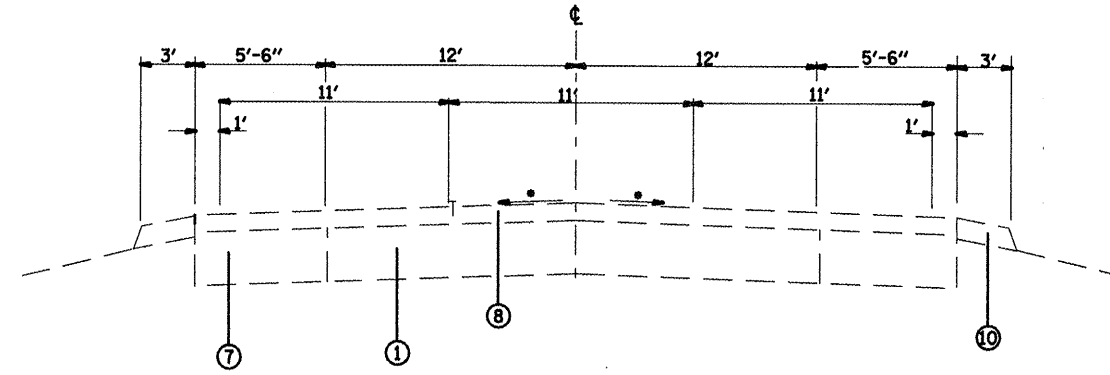
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9266	33RS-5	ST. CLAIR	42	3
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 76064				



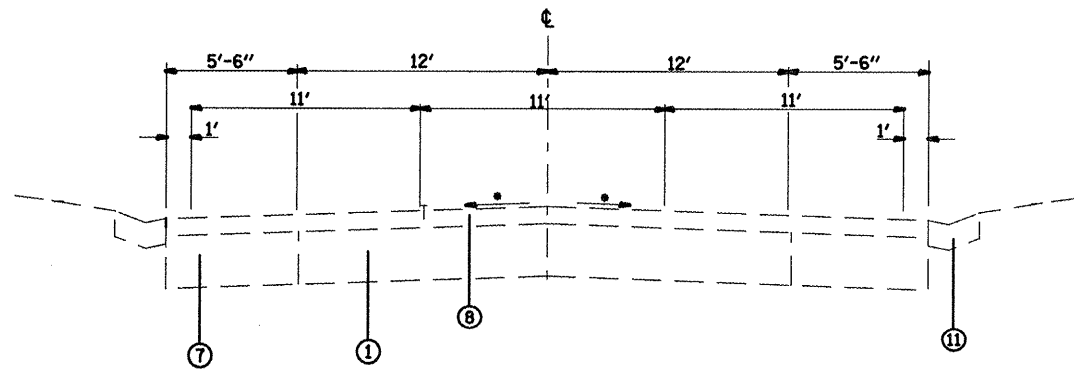
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STA. 101+28 TO STA. 104+73



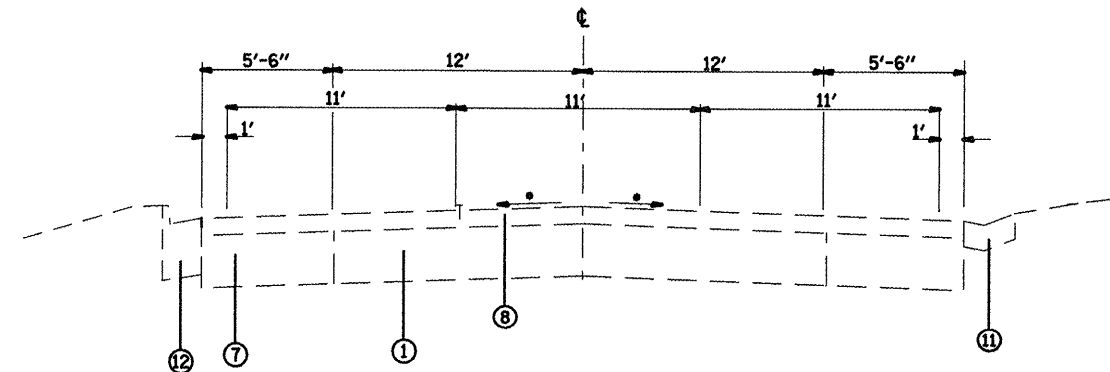
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STA. 104+73 TO STA. 118+05
STA. 137+40 TO STA. 162+34



EXISTING TYPICAL SECTION

STA. 118+05 TO STA. 122+34



EXISTING TYPICAL SECTION

STA. 122+34 TO STA. 124+41

LEGEND

- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

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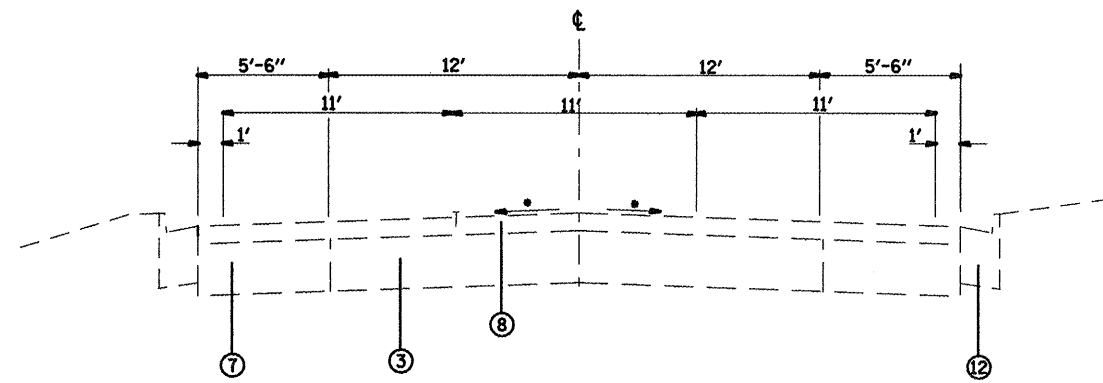
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

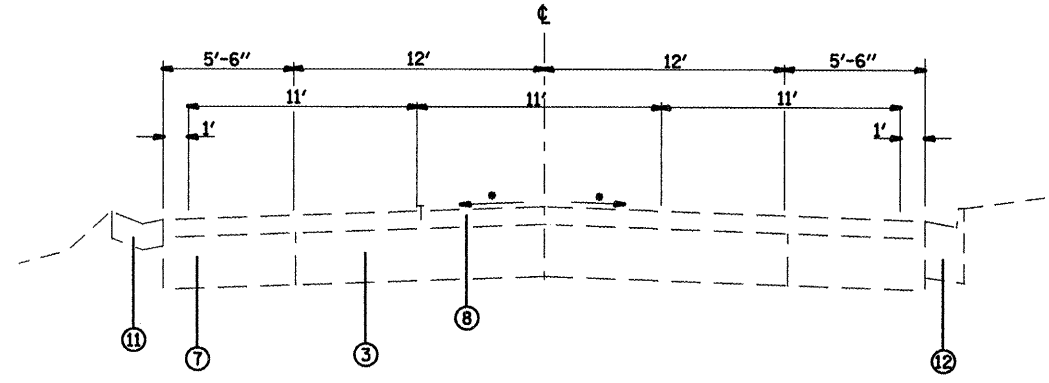
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F.A. RTE. 9266	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 42	SHEET NO. 4
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76064	



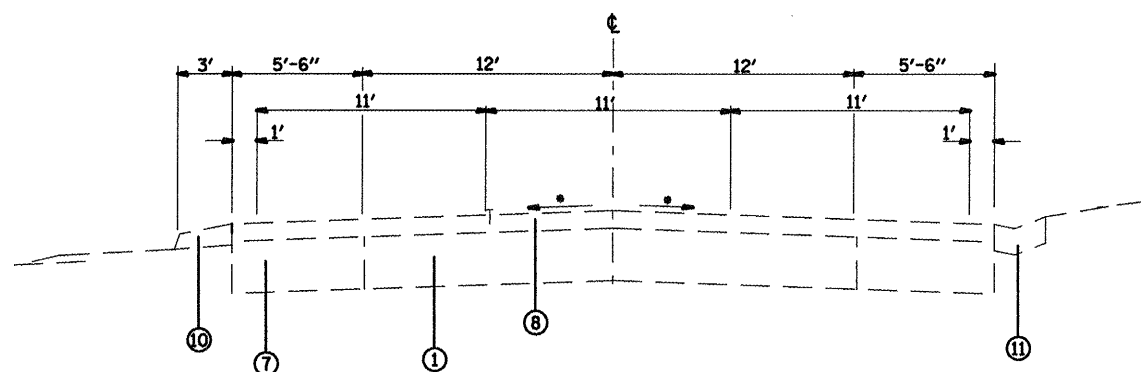
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STA. 124+41 TO STA. 128+82



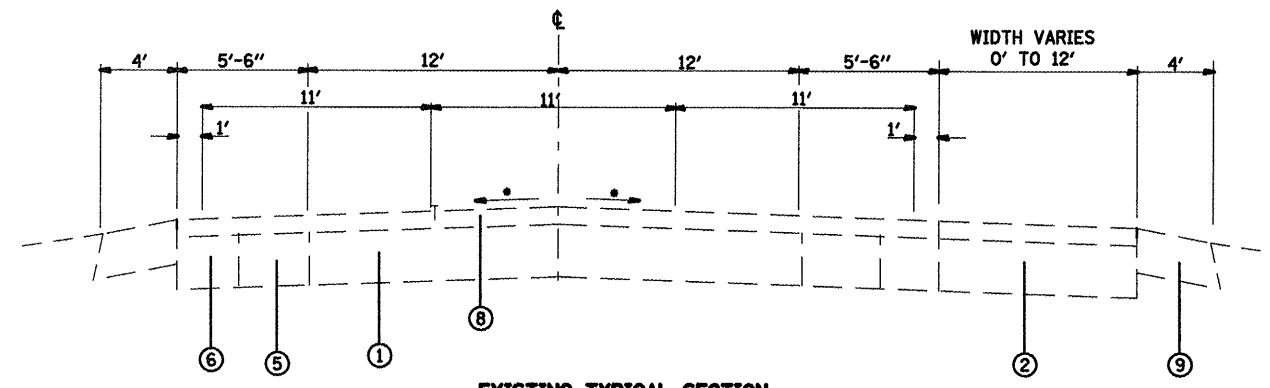
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STA. 128+82 TO STA. 135+37



EXISTING TYPICAL SECTION

STA. 135+37 TO STA. 137+40



EXISTING TYPICAL SECTION

STA. 162+34 TO STA. 167+41

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

LEGEND

- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
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- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

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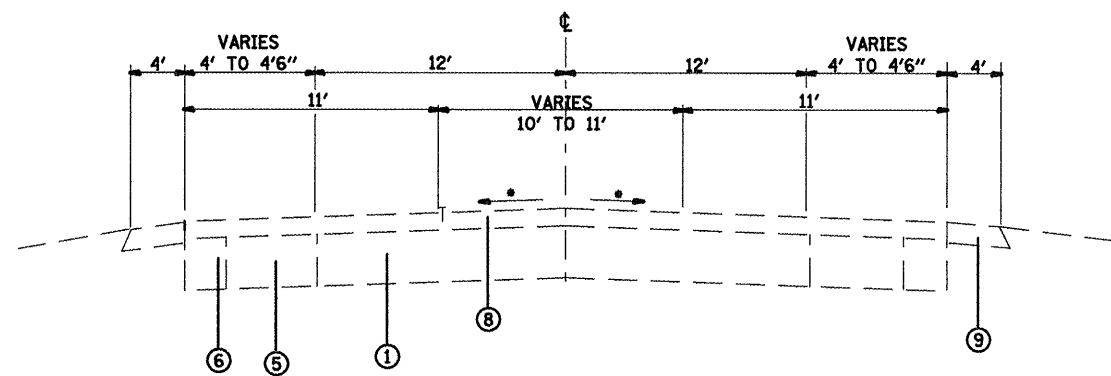
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

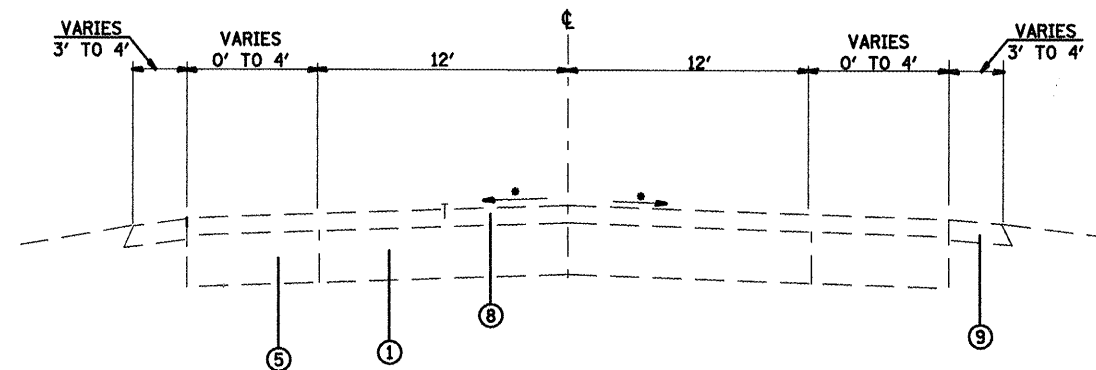
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	5
CONTRACT NO. 76D64				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



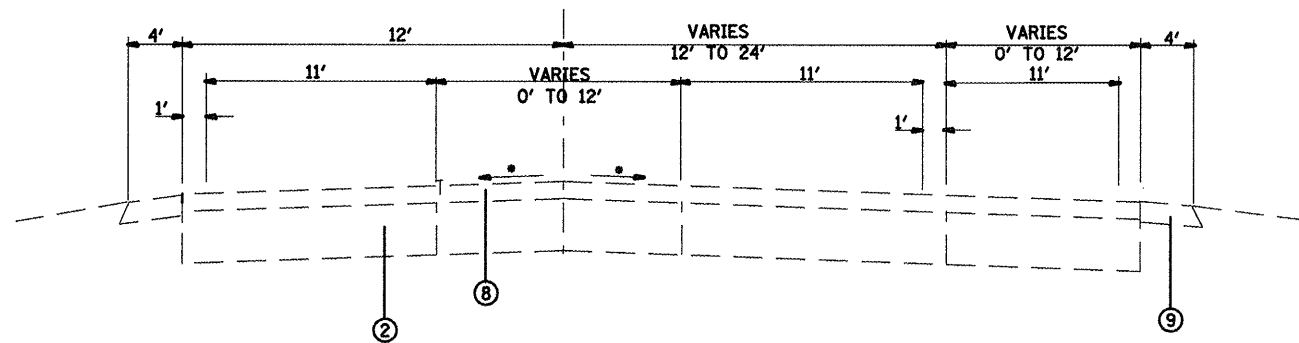
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STA. 167+41 TO STA. 176+44



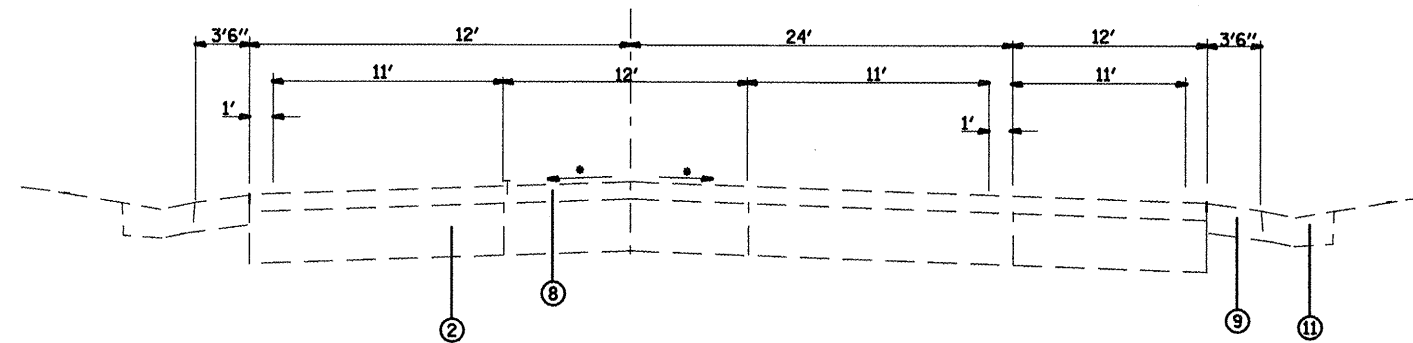
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STA. 176+44 TO STA. 179+10
OMISSION STA. 179+10 TO 190+43



EXISTING TYPICAL SECTION

STA. 190+43 TO STA. 196+18



EXISTING TYPICAL SECTION

STA. 196+18 TO STA. 198+66

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

LEGEND

- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
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- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

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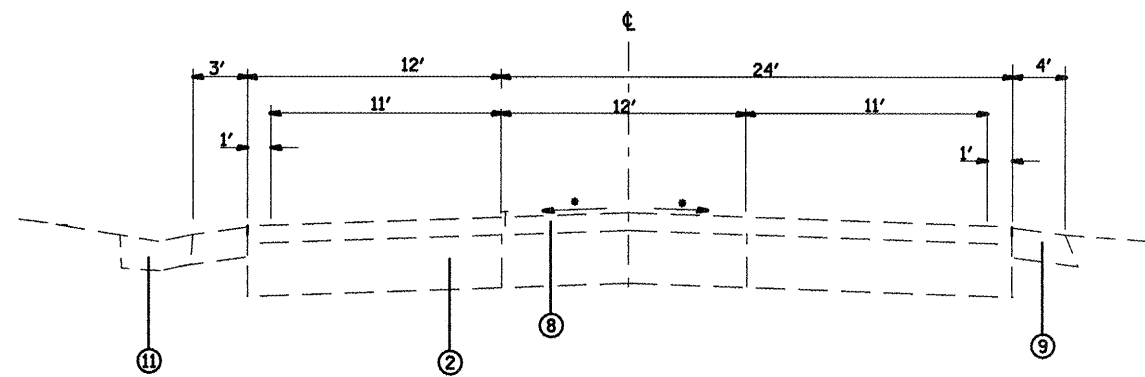
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

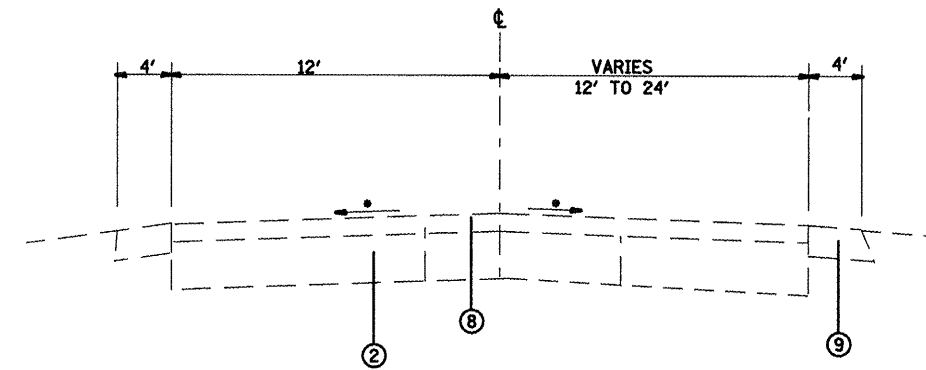
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	6
CONTRACT NO. 76D64			ILLINOIS FED. AID PROJECT	



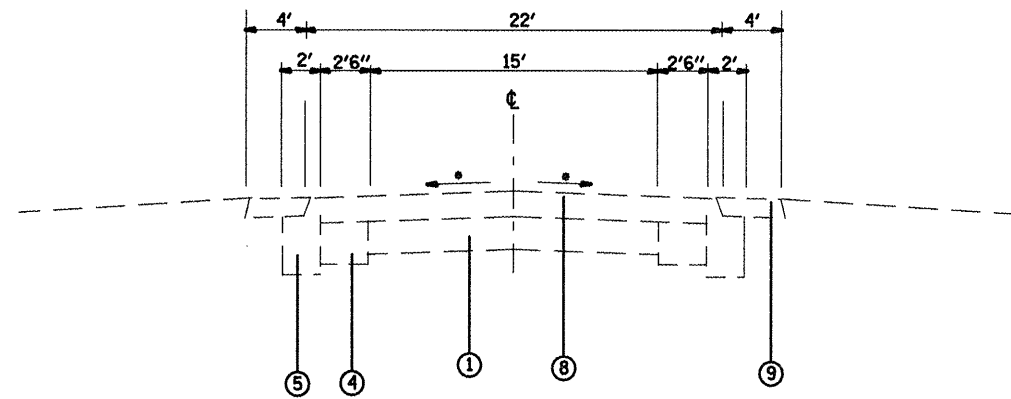
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STA. 198+66 TO STA. 203+85



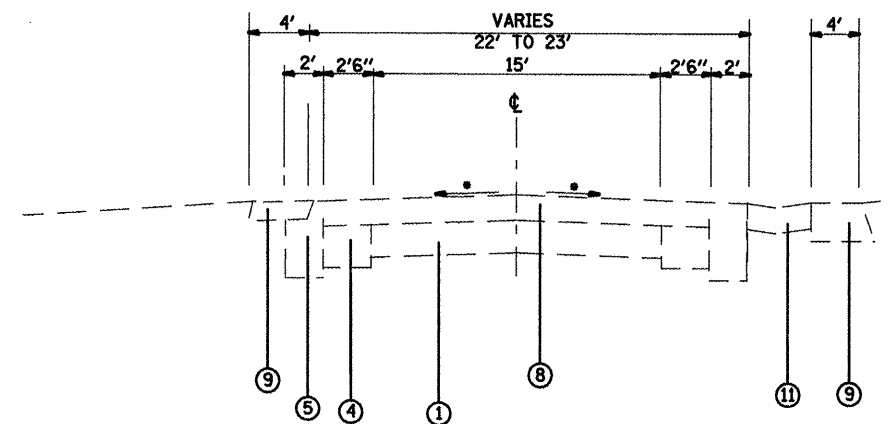
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STA. 203+95 TO STA. 207+66



EXISTING TYPICAL SECTION

STA. 207+71 TO STA. 266+99



EXISTING TYPICAL SECTION

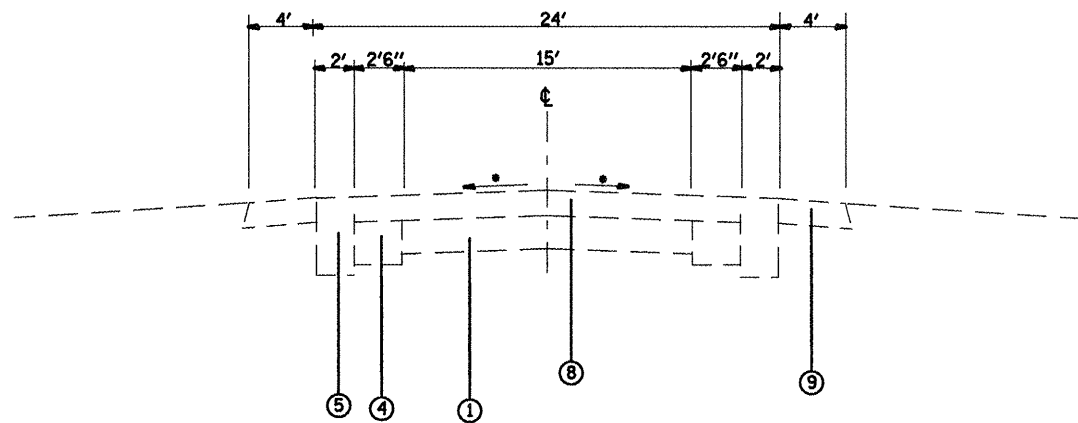
STA. 269+99 TO STA. 273+31

LEGEND

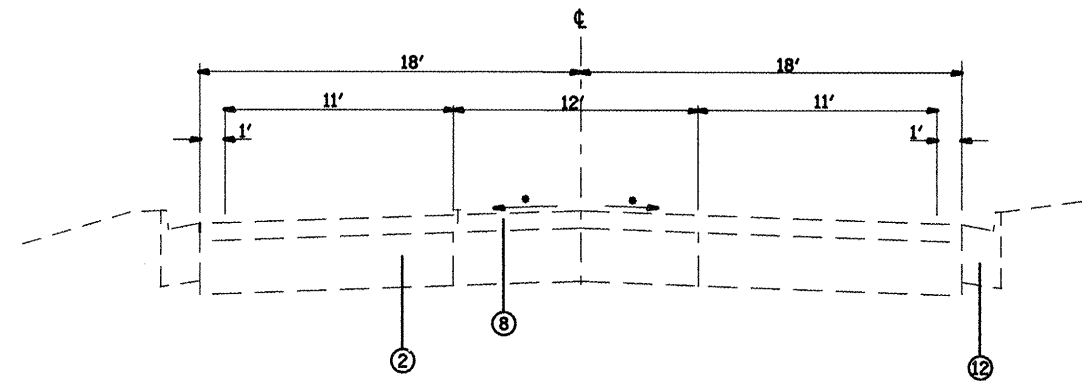
- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
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- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

FILE NAME =	USER NAME = washingtonaq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\washingtonaq\d0175198	4876d64-ah-t-plan.dgn	DRAWN -	REVISED -		SCALE	SHEET NO. OF SHEETS	9266	33RS-5	ST. CLAIR	42	7
	PLOT SCALE = 1/8" = 1' IN.	CHECKED -	REVISED -		STA. 198+66 TO STA. 273+31	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76064			
	PLOT DATE = 3/17/2018	DATE -	REVISED -								



EXISTING TYPICAL SECTION
 STA. 273+31 TO STA. 282+33
 OMISSION STA. 282+33 TO 299+23



EXISTING TYPICAL SECTION
 STA. 299+23 TO STA. 311+87

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

LEGEND

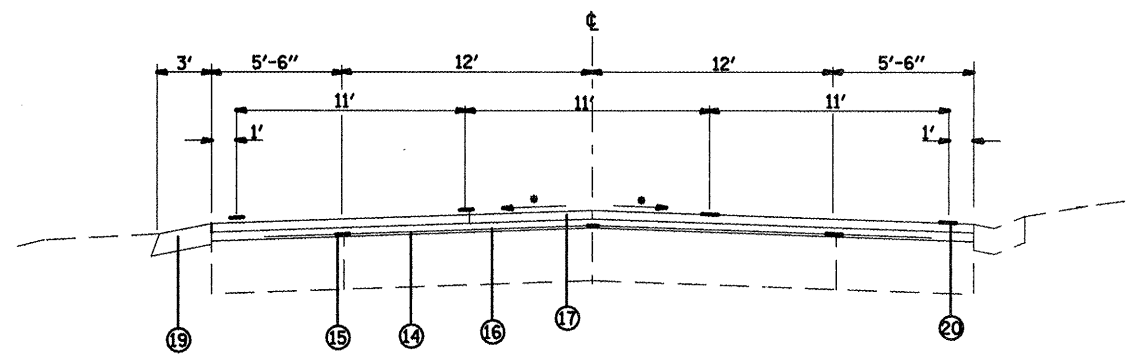
- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

FILE NAME =	USER NAME = washingtonaq	DESIGNED -	REVISD -
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISD -
	PLOT DATE = 3/17/2010	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

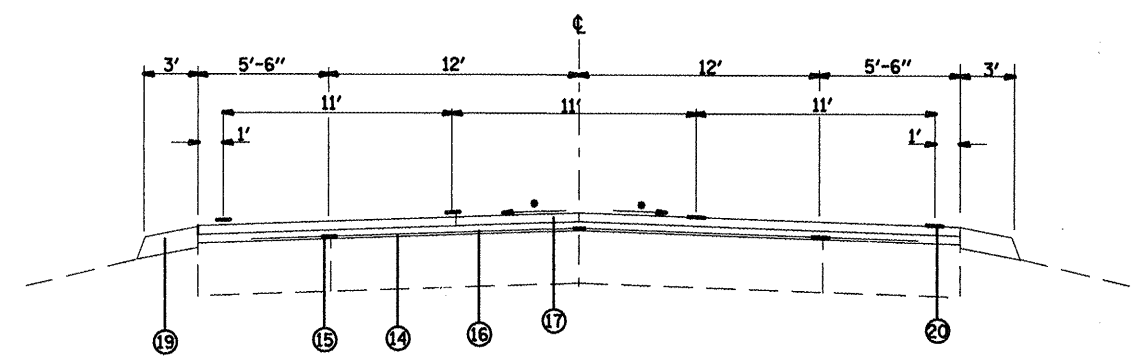
TYPICAL SECTIONS	
SCALE: _____	SHEET NO. ____ OF ____ SHEETS
STA. 273+31 TO STA. 311+87	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	8
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



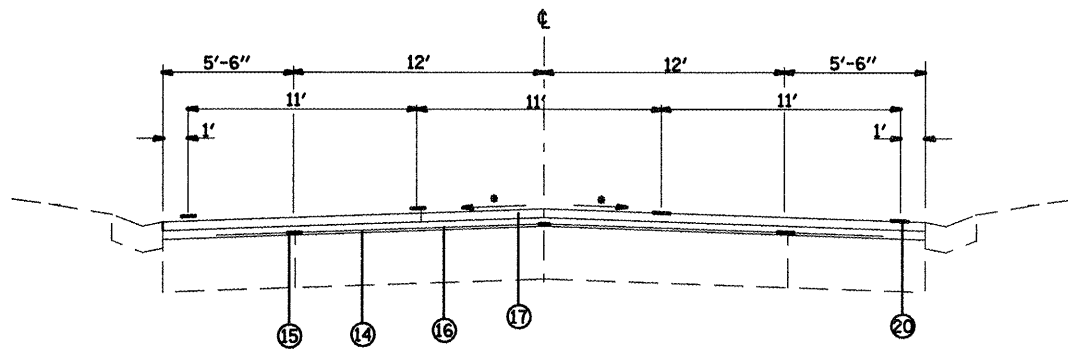
PROPOSED TYPICAL SECTION

STA. 101+28 TO STA. 104+73



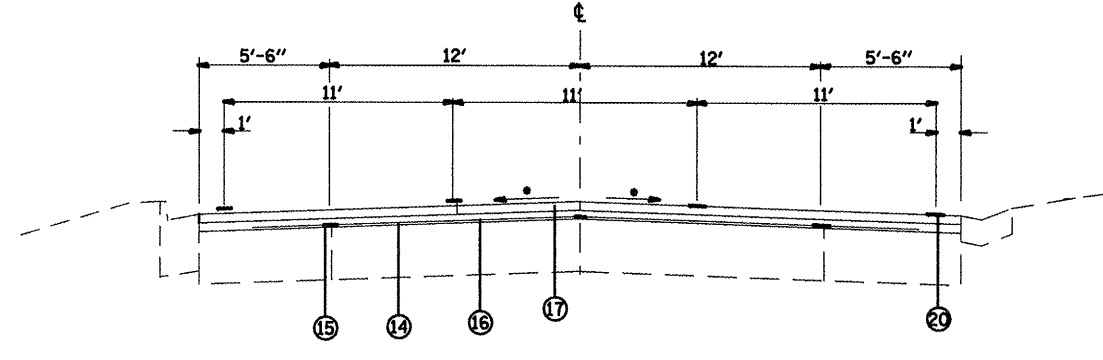
PROPOSED TYPICAL SECTION

STA. 104+73 TO STA. 118+05



PROPOSED TYPICAL SECTION

STA. 118+05 TO STA. 122+34



PROPOSED TYPICAL SECTION

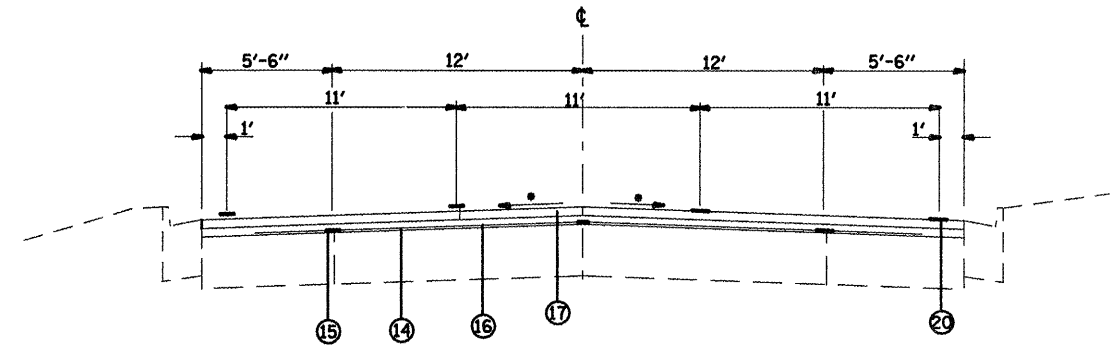
STA. 122+34 TO STA. 124+41

LEGEND

- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

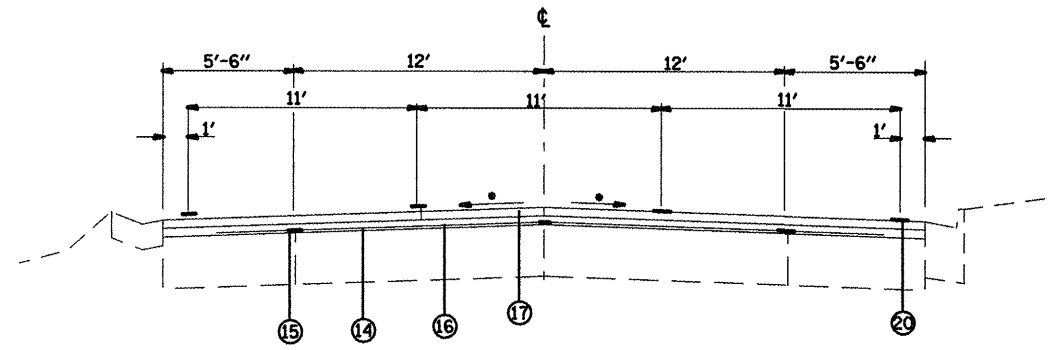
(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

FILE NAME =	USER NAME = washingtonaq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
01\pw_work\pwwdot\washingtonaq\d0175198	1876d84-sht-plan.dgn	DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. 101+28 TO STA. 124+41	9266	33RS-5	ST. CLAIR	42	9
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 76D64				
	PLOT DATE = 3/17/2010	DATE -	REVISED -					FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



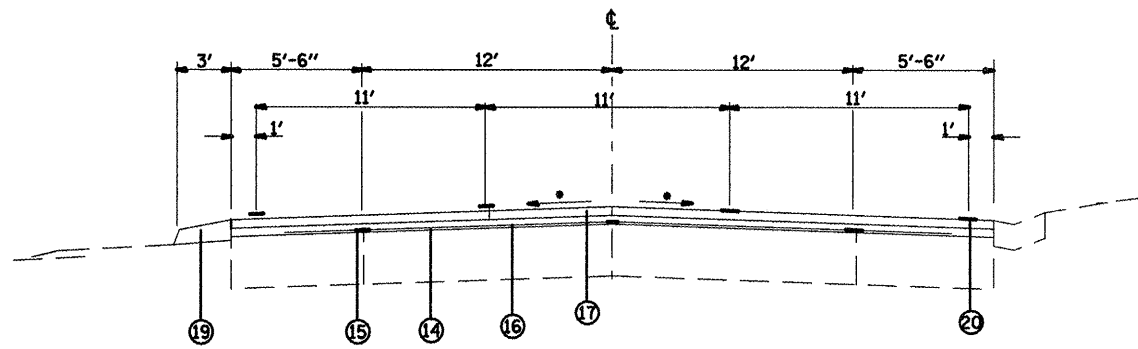
PROPOSED TYPICAL SECTION

STA. 124+41 TO STA. 128+82



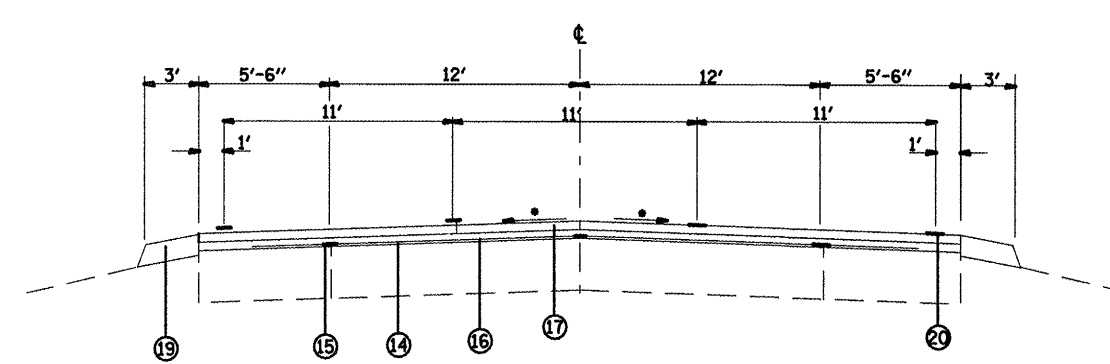
PROPOSED TYPICAL SECTION

STA. 128+82 TO STA. 135+37



PROPOSED TYPICAL SECTION

STA. 135+37 TO STA. 137+45



PROPOSED TYPICAL SECTION

STA. 137+45 TO STA. 167+41

LEGEND

- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

FILE NAME =
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USER NAME = washingtona
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PLOT SCALE = 100.0000' / IN.
PLOT DATE = 3/17/2010

DESIGNED - ----
DRAWN - ----
CHECKED - ----
DATE - ----

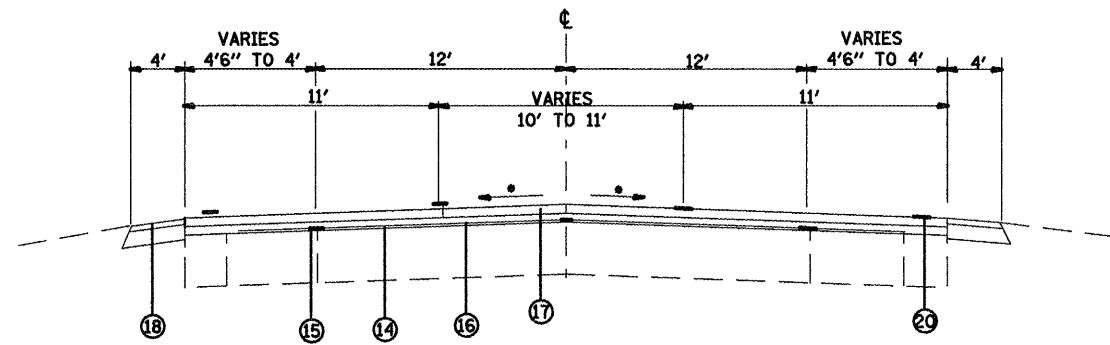
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

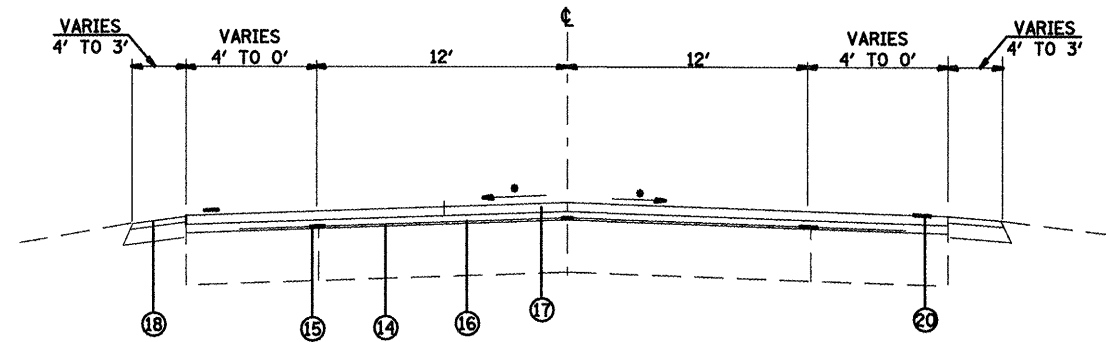
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. 124+41 TO STA. 167+41

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	10
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



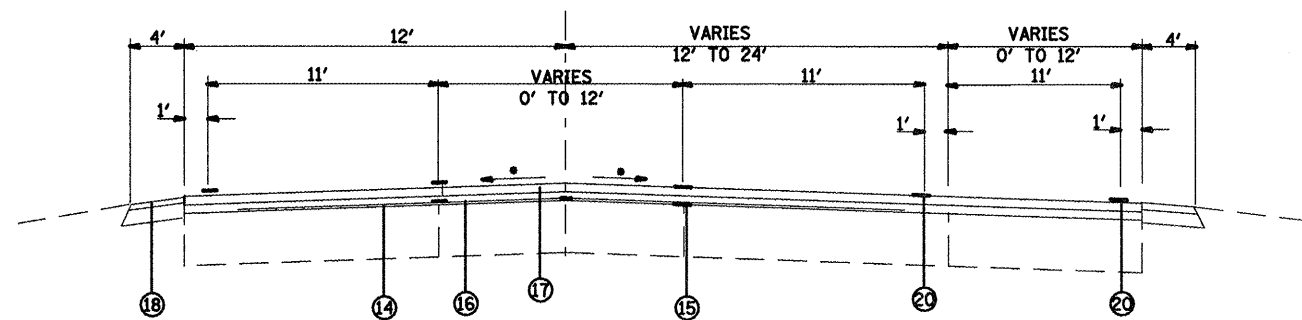
PROPOSED TYPICAL SECTION

STA. 167+41 TO STA. 176+44



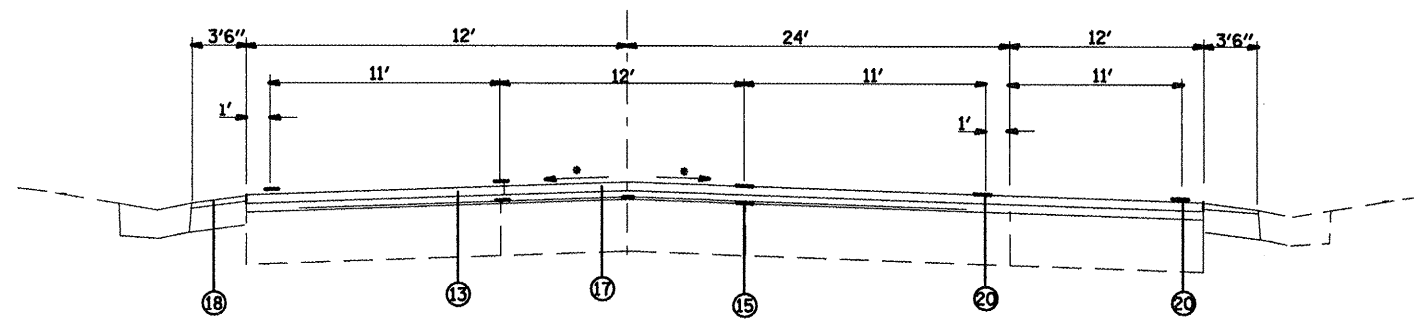
PROPOSED TYPICAL SECTION

STA. 176+44 TO STA. 179+10
OMISSION STA. 179+10 TO 190+43



PROPOSED TYPICAL SECTION

STA. 190+43 TO STA. 196+18



PROPOSED TYPICAL SECTION

STA. 196+18 TO STA. 198+66

LEGEND

- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

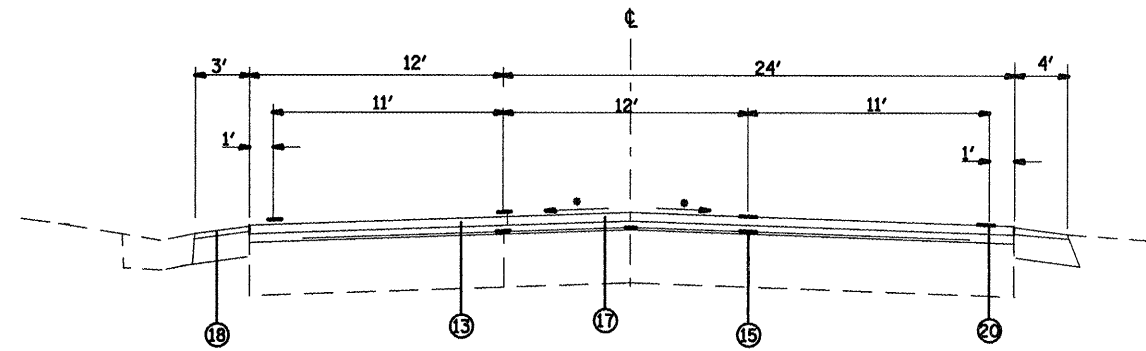
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

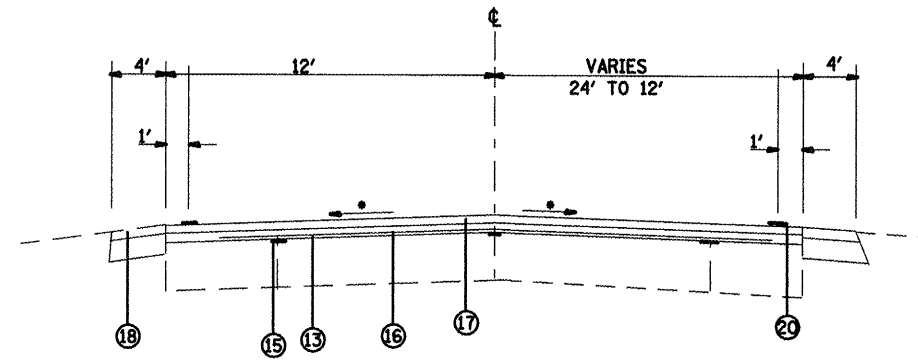
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. 167+41 TO STA. 198+66

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	11
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. 76064	



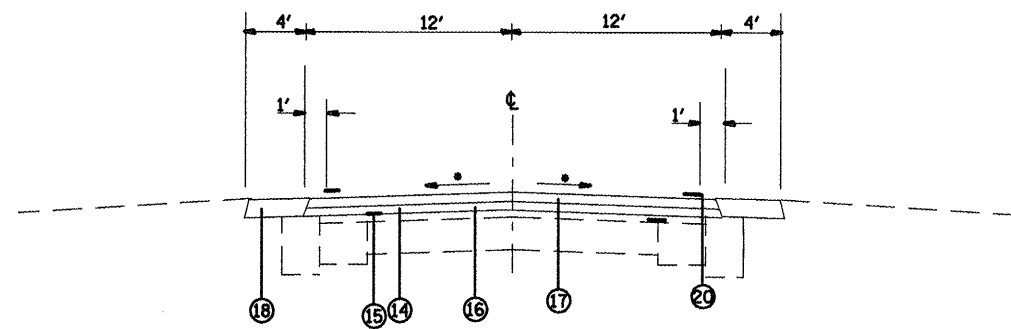
PROPOSED TYPICAL SECTION

STA. 198+66 TO STA. 203+95



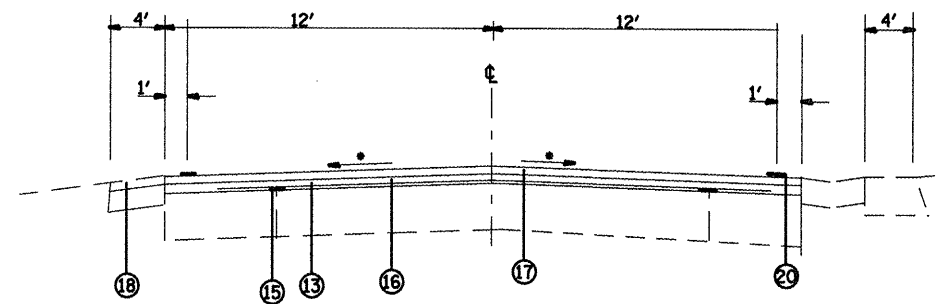
PROPOSED TYPICAL SECTION

STA. 203+95 TO STA. 207+66



PROPOSED TYPICAL SECTION

STA. 207+66 TO STA. 266+99



PROPOSED TYPICAL SECTION

STA. 266+99 TO STA. 273+31

LEGEND

- ① EXISTING PCC PAVEMENT 7"-6"-7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

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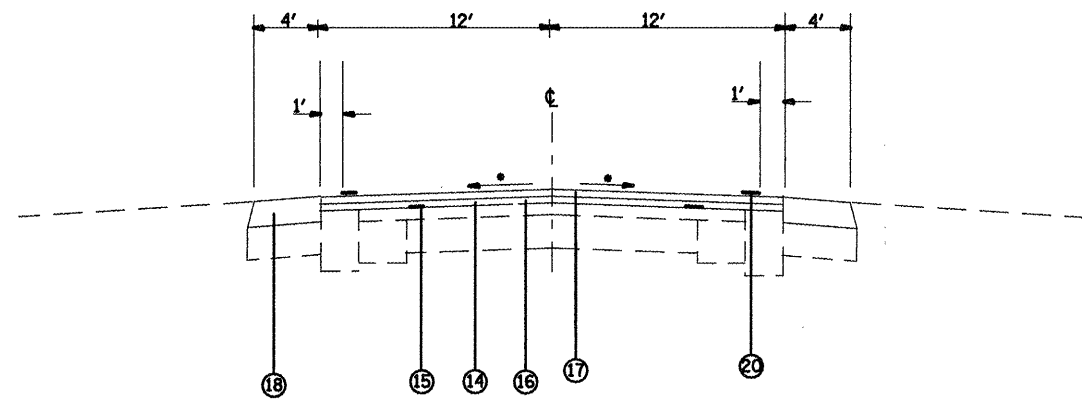
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DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

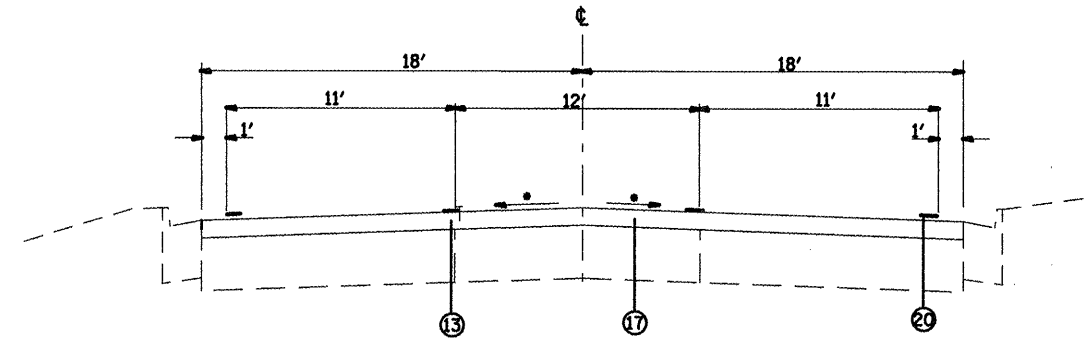
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
 SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. 198+66 TO STA. 273+31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	12
				CONTRACT NO. 76064
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
 STA. 273+31 TO STA. 282+33
 OMISSION STA. 282+33 TO 299+23



PROPOSED TYPICAL SECTION
 STA. 299+23 TO STA. 311+87

LEGEND

- ① EXISTING PCC PAVEMENT 7"6"7"
- ② EXISTING PAVEMENT, UNKNOWN
- ③ EXISTING HMA BASE COURSE, 9' 1/4"
- ④ EXISTING PCC BASE COURSE WIDENING, 7"
- ⑤ EXISTING HMA BASE COURSE WIDENING, 8"
- ⑥ EXISTING HMA BASE COURSE WIDENING, 9"
- ⑦ EXISTING HMA BASE COURSE WIDENING, 10"
- ⑧ EXISTING HMA RESURFACING
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGGREGATE SHOULDER
- ⑪ EXISTING TYPE A GUTTER
- ⑫ EXISTING CCC&G, TYPE B-6.24
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑭ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL
- ⑯ PROPOSED LEVEL BINDER (MM) N90, 3/4"
- ⑰ PROPOSED HMA SURFACE COURSE MIX "D", N90, 1 1/2"
- ⑱ PROPOSED HMA SHOULDERS
- ⑲ PROPOSED AGGREGATE SHOULDERS, TYPE B
- ⑳ PROPOSED PAVEMENT MARKING

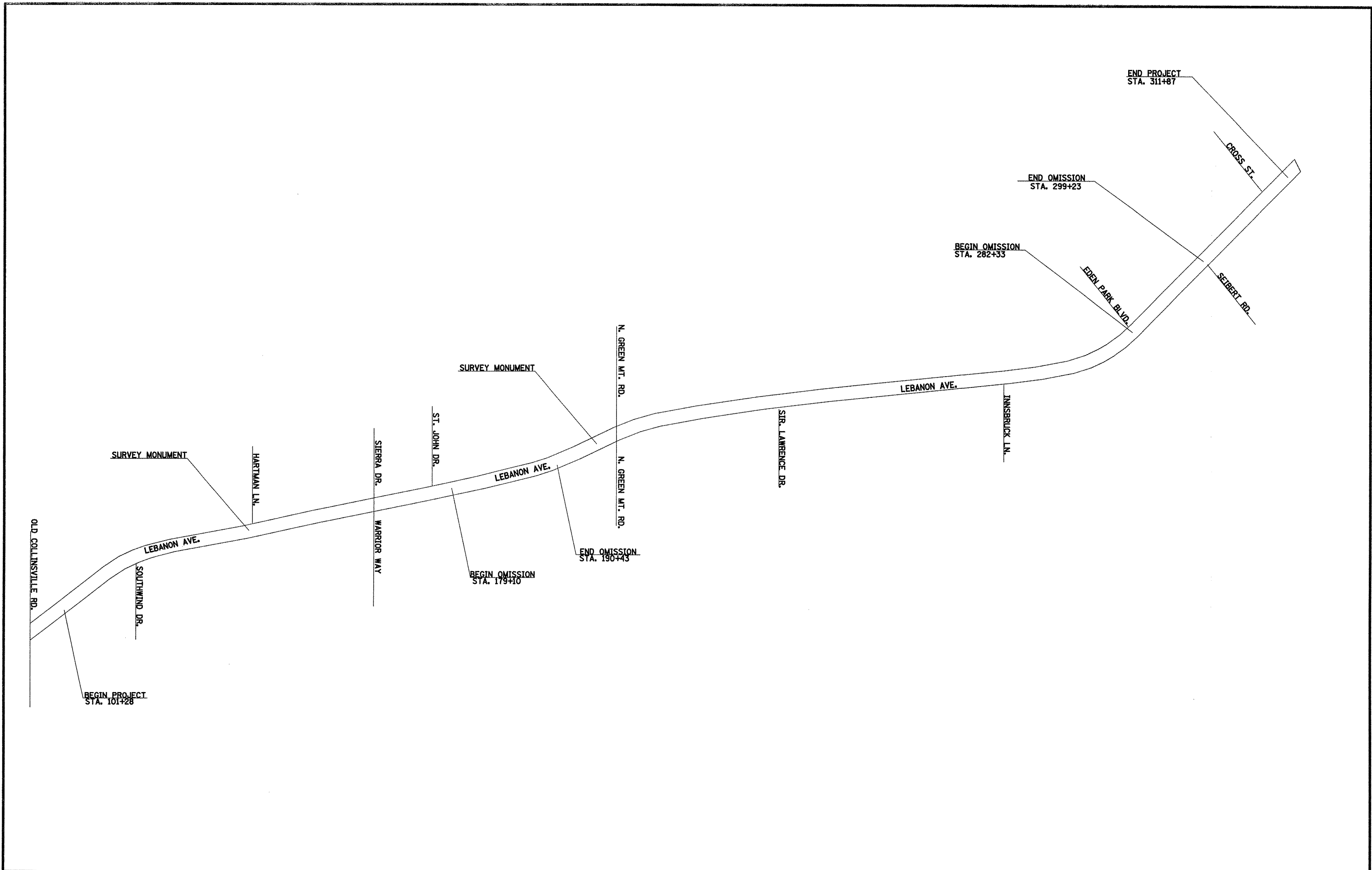
(*) SEE PROPOSED PAVEMENT CROSS SECTION SLOPE SCHEDULE

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	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: _____	SHEET NO. ___ OF ___ SHEETS
STA. 273+31 TO STA. 311+87	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	13
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = washingtonaq	DESIGNED -	REVISED -
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	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION DETAIL	
SCALE: _____	SHEET NO. ____ OF ____ SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76064	

CROSS SLOPE SCHEDULE			
STATIONS	NORMAL/ SUPER	SLOPE (FT/FT)	TRANSITION (FT)
Sta 101+28 to Sta 108+60	N.C.	0.0156	
Sta 108+60 to Sta 119+08	S.E.	0.0156	200
Sta 119+08 to Sta 125+45	S.E.	0.0280	200
Sta 125+45 to Sta 126+69	N.C.	0.0156	
Sta 126+69 to Sta 129+72	S.E.	0.0260	200
Sta 129+72 to Sta 137+36	S.E.	0.0156	200
Sta 137+36 to Sta 147+63	N.C.	0.0156	
Sta 147+63 to Sta 153+14	S.E.	0.1560	125
Sta 153+14 to Sta 164+32	N.C.	0.0156	
Sta 164+32 to Sta 168+44	S.E.	0.1560	125
Sta 168+44 to Sta 173+89	N.C.	0.0156	
Sta 173+89 to Sta 179+10	N.C.	0.0100	
Sta 190+43 to Sta 193+80	N.C.	0.0100	
Sta 193+80 to Sta 197+29	S.E.	0.0400	125
Sta 197+29 to Sta 228+17	N.C.	0.0100	
Sta 228+17 to Sta 233+07	S.E.	0.0260	125
Sta 233+07 to Sta 238+19	N.C.	0.0100	
Sta 238+19 to Sta 242+59	S.E.	0.0260	125
Sta 242+59 to Sta 248+05	N.C.	0.0156	
Sta 248+05 to Sta 253+13	S.E.	0.0230	125
Sta 253+13 to Sta 254+03	N.C.	0.0100	
Sta 254+03 to Sta 259+66	S.E.	0.0400	125
Sta 259+66 to Sta 270+00	S.E.	0.0100	83/125
Sta 270+00 to Sta 282+33	N.C.	0.0100	
Sta 299+23 to Sta 311+87	N.C.	0.0156	

PAVEMENT PATCHING SCHEDULE						
LOCATION	LANE	LENGTH	LANE WIDTH	PAVEMENT PATCHING TYPE II	PAVEMENT PATCHING TYPE III	PAVEMENT PATCHING TYPE IV
		(FOOT)	(FOOT)	(SQ YD)	(SQ YD)	(SQ YD)
147+50	RT	11	12	14.7		
209+25	RT	6	12	8.0		
209+50	LT	6	12	8.0		
209+50	RT	6	12	8.0		
218+75	RT	6	12	8.0		
219+00	RT	27	12			36.0
219+00	LT	10	12	13.3		
219+25	LT	9	12	12.0		
219+50	LT	4	12	5.3		
238+00	LT	11	12	14.7		
238+25	LT	4	12	5.3		
238+50	LT	4	12	5.3		
238+50	RT	28	12			37.3
238+75	RT	15	12		20.0	
244+22	RT	8	12	10.7		
244+22	LT	8	12	10.7		
244+92	LT	6	12	8.0		
250+00	LT	6	12	8.0		
277+00	RT	9	12	12.0		
277+00	LT	9	12	12.0		
SUBTOTAL:				164.0	20.0	73.3
ANTICIPATED FAILURES (15%):				24.6	3.0	11.0
TOTAL:				189	23	84

HOT-MIX ASPHALT RESURFACING SCHEDULE									
LOCATION	HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL 1 3/4"	STRIP REFLECTIVE CRACK CONTROL TREATMENT	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N70	HMA SURFACE COURSE MIX D, N70	HMA SHOULDERS, N30	AGGREGATE SHOULDERS
STATION	(SQ YD)	(SQ YD)	(FOOT)	(TON)	(TON)	(TON)	(TON)	(TON)	(TON)
101+28									
104+73		1342	1035	0.4	3.4	56	113		15
118+05		5180	3996	1.6	13.0	218	435		113
122+34		1668	1287	0.5	4.2	70	140		
124+41		805	621	0.3	2.0	34	68		
128+82		1715	1323	0.5	4.3	72	144		
135+37		2547	1965	0.8	6.4	107	214		
137+45		809	624	0.3	2.0	34	68		9
162+34	9679		7467	3.0	24.2	407	813		212
167+41	2940		1521	0.8	6.2	105	209	57	
176+44	414		2709	1.0	8.3	139	278	101	
179+10	1035		798	0.3	2.1	35	70	26	
190+43									
195+98	2713		1665	0.7	5.6	93	186	62	
198+66	1637		804	0.4	3.6		120	17	
203+95	2352		1587	0.7	5.3		178	20	
207+66	1567		1113	0.4	3.1	52	104	42	
266+99		21095	11866	5.0	39.6	664	1329	665	
273+31		1966	1264	0.5	4.2	71	142	35	
282+33		3207	1804	0.8	6.0	101	202	101	
299+23									
311+87	5056			1.6	12.6		425		
TOTAL:	31093	40334	43449	20	156	2258	5238	1126	349

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A. RTE. 9266	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 42	SHEET NO. 16
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				

CONTRACT NO. 76D64

GUARDRAIL SCHEDULE

LOCATION	LANE	GUARDRAIL REMOVAL	SPBGR TYPE A 6 FOOT POSTS	BARRIER TERMINAL TYPE 1 (SPECIAL) TANGENT	REMOVAL AND REINSTALLATION OF EXISTING TERMINAL	METAL POSTS	GUARDRAIL MARKERS TYPE A	TERMINAL MARKER DIRECT APPLIED
		(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
STA. 150+92 TO STA. 153+99	LT	266.5	229.0	1	1	3	4	2
STA. 216+87 TO STA. 220+51	LT	351.0	276.0	2			5	2
STA. 235+55 TO STA. 240+08	RT	427.0	352.0	2			5	2
STA. 262+22 TO STA. 265+73	LT	325.0	250.0	2			4	2
TOTAL		1369.5	1107.0	7	1	3	18	8

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	17
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TEMPORARY RAMPS SCHEDULE	
LOCATION	TEMPORARY RAMPS
	(SQ YD)
101+28	20
Central Plaza Dr	23
Lake Cristine Dr	13
Dublin Blvd	23
Southwind Dr	30
Whiteside Dr	17
San Mateo Dr	10
Hartman Ln	24
Anderson Ln	20
Williamsburg Dr	15
Warrior Way	33
Sierra Dr	33
St. John Dr	20
179+10	13
190+43	13
Green Mount Rd	67
Ramona Dr	14
Christine Dr	14
Sir Lawrence Dr	27
Phillips Ln	12
Archview Dr	15
Indian Ridge	15
Innsbrook Ln	15
Acorn Lake	15
Linden Dr	8
Twin Oaks Dr	8
Eagle Dr	6
Valley View farm Ln	6
282+33	15
299+23	20
Eden Park	20
Hill St	15
Selbert	50
Church St	15
Cross St	44
311+87	28
TOTAL	736

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	18
CONTRACT NO. 76D64			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

ENTRANCE SCHEDULE					
LOCATION	TYPE - RT OR LT	LENGTH	INCIDENTAL HMA SURFACE	BITUMINOUS (PRIME COAT)	AGGREGATE (PRIME COAT)
(STATION)		(FOOT)	(TON)	(TON)	(TON)
101+31	PE-LT	12	1	0.01	0.02
102+31	CE-LT	33	2	0.02	0.05
108+98	PE-LT	12	1	0.01	0.02
109+31	PE-LT	12	1	0.01	0.02
115+06	PE-LT	12	1	0.01	0.02
115+29	PE-LT	12	1	0.01	0.02
118+24	PE-RT	22	1.2	0.01	0.02
118+64	PE-LT	12	1	0.01	0.02
119+32	PE-RT	18	1	0.01	0.02
119+64	PE-RT	22	1.2	0.01	0.02
120+36	PE-LT	12	1	0.01	0.02
120+51	PE-RT	22	1.2	0.01	0.02
121+81	PE-RT	12	1	0.01	0.02
122+23	PE-LT	24	1.2	0.01	0.02
122+32	PE-RT	12	1	0.01	0.02
123+55	PE-RT	12	1	0.01	0.02
124+81	PE-RT	15	1	0.01	0.02
125+00	PE-LT	12	1	0.01	0.02
125+30	CE-RT	35	2	0.02	0.05
128+47	CE-RT	35	2	0.02	0.05
128+60	PE-LT	12	1	0.01	0.02
129+66	PE-RT	12	1	0.01	0.02
133+00	PE-LT	12	1	0.01	0.02
139+34	PE-LT	12	1	0.01	0.02
139+97	PE-LT	12	1	0.01	0.02
142+24	PE-LT	12	1	0.01	0.02
148+77	PE-LT	12	1	0.01	0.02
149+34	PE-LT	12	1	0.01	0.02
150+00	CE-RT	16	1	0.01	0.02
151+46	CE-RT	35	1.2	0.01	0.05
156+30	PE-LT	12	1	0.01	0.02
157+11	CE-LT	135	4	0.03	0.2
157+95	CE-RT	24	1.2	0.02	0.05

ENTRANCE SCHEDULE					
LOCATION	TYPE - RT OR LT	LENGTH	INCIDENTAL HMA SURFACE	BITUMINOUS (PRIME COAT)	AGGREGATE (PRIME COAT)
(STATION)		(FOOT)	(TON)	(TON)	(TON)
158+91	CE-RT	24	1.2	0.02	0.05
159+48	CE-LT	35	1.2	0.02	0.05
162-19	CE-LT	24	1.2	0.02	0.05
163+40	CE-LT	35	1.2	0.02	0.05
164+81	PE-LT	12	1	0.01	0.02
164+95	PE-RT	12	1	0.01	0.02
168+86	PE-RT	12	1	0.01	0.02
169+38	PE-LT	22	1.2	0.02	0.05
169+96	PE-LT	15	1	0.01	0.02
170+46	CE-LT	35	1.2	0.01	0.05
171+56	PE-LT	17	1	0.01	0.02
174+63	PE-LT	17	1	0.01	0.02
175+02	PE-LT	17	1	0.01	0.02
191+78	PE-RT	18	1.2	0.02	0.05
200+14	PE-LT	18	1.2	0.02	0.05
202+31	PE-LT	12	1	0.01	0.02
202+57	PE-RT	15	1	0.01	0.02
209+24	CE-RT	26	1.2	0.02	0.05
218+28	PE-RT	18	1.2	0.02	0.05
228+03	PE-RT	24	1.2	0.02	0.05
228+95	PE-LT	12	1	0.01	0.02
230+30	PE-LT	12	1	0.01	0.02
231+17	PE-LT	35	1.2	0.02	0.05
234+82	PE-RT	12	1	0.01	0.02
246+75	PE-RT	12	1	0.01	0.02
251+52	PE-RT	12	1	0.01	0.02
252+32	PE-RT	12	1	0.01	0.02
254+42	CE-LT	55	1.3	0.03	0.05
256+88	CE-RT	14	1	0.01	0.02
257+60	CE-LT	87	2.5	0.03	0.07
259+84	PE-LT	12	1	0.01	0.02
261+53	CE-LT	24	1.2	0.02	0.05
262+02	CE-LT	24	1.2	0.02	0.05
267+58	PE-RT	12	1	0.01	0.02
267+94	PE-LT	12	1	0.01	0.02
268+68	PE-RT	12	1	0.01	0.02
269+44	PE-RT	12	1	0.01	0.02
271+79	PE-RT	12	1	0.01	0.02
273+03	PE-RT	12	1	0.01	0.02
274+64	PE-LT	12	1	0.01	0.02
279+06	PE-RT	12	1	0.01	0.02
280+27	PE-LT	12	1	0.01	0.02
TOTAL			86.8	0.98	2.33

SIDEROAD SCHEDULE					
LOCATION	STREET NAME	INCIDENTAL HMA SURFACE	BITUMINOUS COAT) (PRIME	AGGREGATE COAT) (PRIME	HMA SURFACE REMOVAL - BUTT JOINT
(STATION)		(TON)	(TON)	(TON)	(SQ YD)
106+20	Lake Cristine Dr	2.3	0.01	0.1	26.9
117+48	Southwind Dr	4.3	0.02	0.1	50.8
134+91	San Mateo Dr	3.5	0.01	0.1	42.1
144+15	Hartman Ln	4.5	0.02	0.1	57.0
147+30	Anderson Ln	3.6	0.01	0.1	43.4
150+50	Williamsburg Dr	5.1	0.02	0.2	61.1
166+40	Warrior Way	3.5	0.01	0.1	42.0
166+40	Sierra Dr	5.1	0.02	0.2	60.1
176+86	St. John Dr	4.2	0.02	0.1	49.4
199+72	Sir Lawrence Dr	2.6	0.01	0.1	31.1
211+30	Innsbrook Ln	2.3	0.01	1.0	31.0
216+27	Phillips Ln	2.3	0.01	0.1	27.8
221+19	Acorn Lake	2.3	0.01	0.1	27.2
223+47	Twin Oaks Dr	2.1	0.01	0.1	24.7
278+00	Valley View Farm Ln	1.1	0.04	0.1	12.8
281+00	Eden Park Blvd	1.3	0.01	0.1	15.1
TOTAL		50	0.2	2.7	603

TEMPORARY PAVEMENT MARKING SCHEDULE										
LOCATION	LINE 4 INCH				LINE 12 INCH		LINE 24 INCH	LETTERS & SYMBOLS	SHORT-TERM	WORK ZONE PAVEMENT MARKING REMOVAL
	SOLID WHITE	WHITE 2' - 6'	SOLID YELLOW	YELLOW SKIP DASH	SOLID WHITE	SOLID YELLOW	SOLID WHITE			
STATION	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(SQ FT)
101+28										
115+98	2940		2940	740				218.4	1176	98
116+96	196		400			138	19		308	26
Southwind Dr										
120+00	633		462	60			23	46.8	588	49
143+48	4801		4696	1090	70		77	296.4	2284	190
Hartman Ln										
147+21	731		1154			345	18	52	444	37
Anderson Ln										
162+40	3123		2902	660				187.2	1288	107
166+16	942	68	700	20	98		108	62.4	872	73
Warrlor Way							24	41.6		
172+00	1073		908	180			23	130	784	65
176+60	990		920	180				78	496	42
St. John Dr										
179+10	478		600			50			120	10
Omission										
190+43										
199+09	2294	148	2828			221	37	62.4	1620	135
Green Mount Rd										
207+60	1771	48	2516			208	24	83.2	1020	85
211+30	740		370	100					148	12
213+55	450			60					92	7
217+79	848		424	110					168	14
222+02	846		846						168	14
228+06	1208		604	150					240	20
279+93	10374		10374						2080	173
282+33	480		240	60					96	8
Omission										
299+23										
299+35	24		50		76	15	60		5	1
305+75	1350		1280	200				93.6	608	51
310+58	1187		948	120	120		25	78	876	73
Cross St										
311+87	140		240		100	17	13		204	17
SUBTOTAL	37619	264	36402	3730	464	994				
TOTAL		78,015			1458		451	1430	15685	1307

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	21
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE				
LOCATION	ONE WAY AMBER	TWO WAY AMBER	ONE WAY CRYSTAL	REMOVAL
STATION	(EACH)	(EACH)	(EACH)	(EACH)
101+28				
115+98		76		
116+96	11			80
Southwind Dr				
120+00		10	3	
143+48		115	3	136
Hartman Ln				
147+21	24			
Anderson Ln				
162+40		71	3	
166+16		10	6	119
Warrior Way				
172+00		22	3	
176+60		22	3	
St. John Dr				
179+10	17			56
Omission				
190+43				
199+09	28	9	14	56
Green Mount Rd				
207+60	28	7	6	
211+30		5		
213+55		3		
217+79		6		
222+02		5		
228+06		8		
279+93		65		
282+33		3		195
Omission				
299+23				
299+35	5			
305+75		26	4	
310+58		17	5	
Cross St				
311+87		5		78
SUBTOTAL	113	485	50	720
TOTAL		648		720

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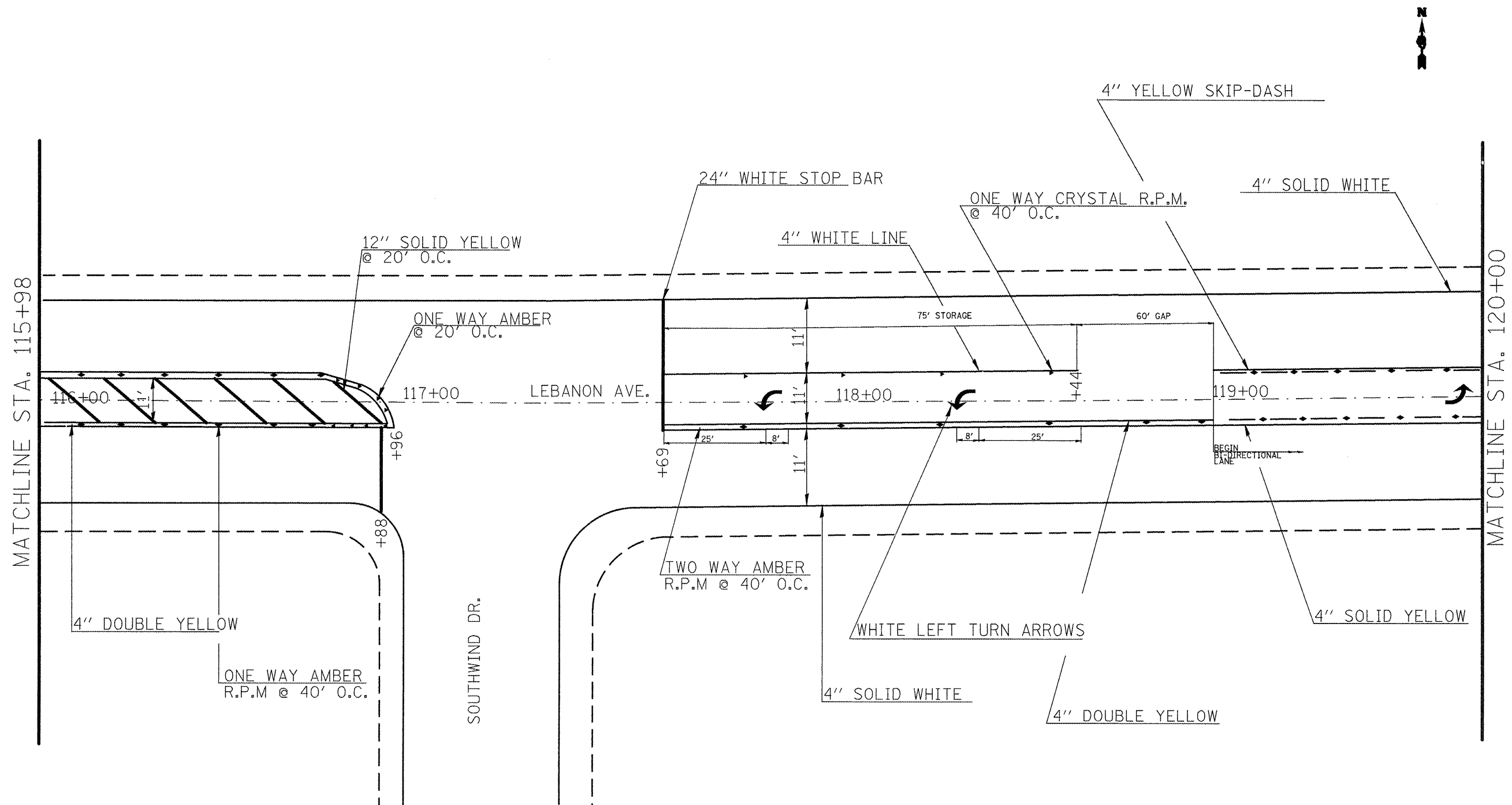
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A. RTE. 9266 SECTION 33RS-5 COUNTY ST. CLAIR TOTAL SHEETS 42 SHEET NO. 22 CONTRACT NO. 76064
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



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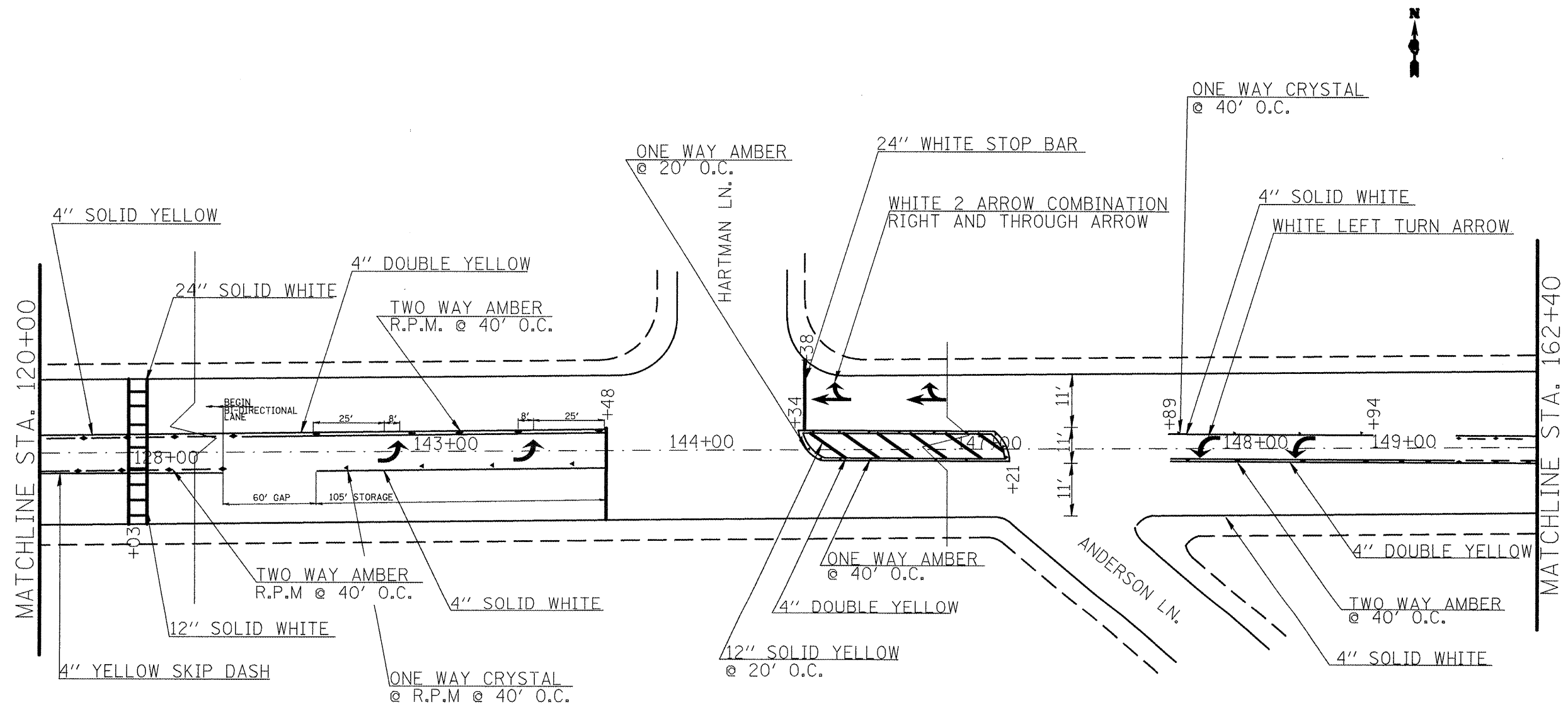
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. 115+86 TO STA. 120+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	23
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

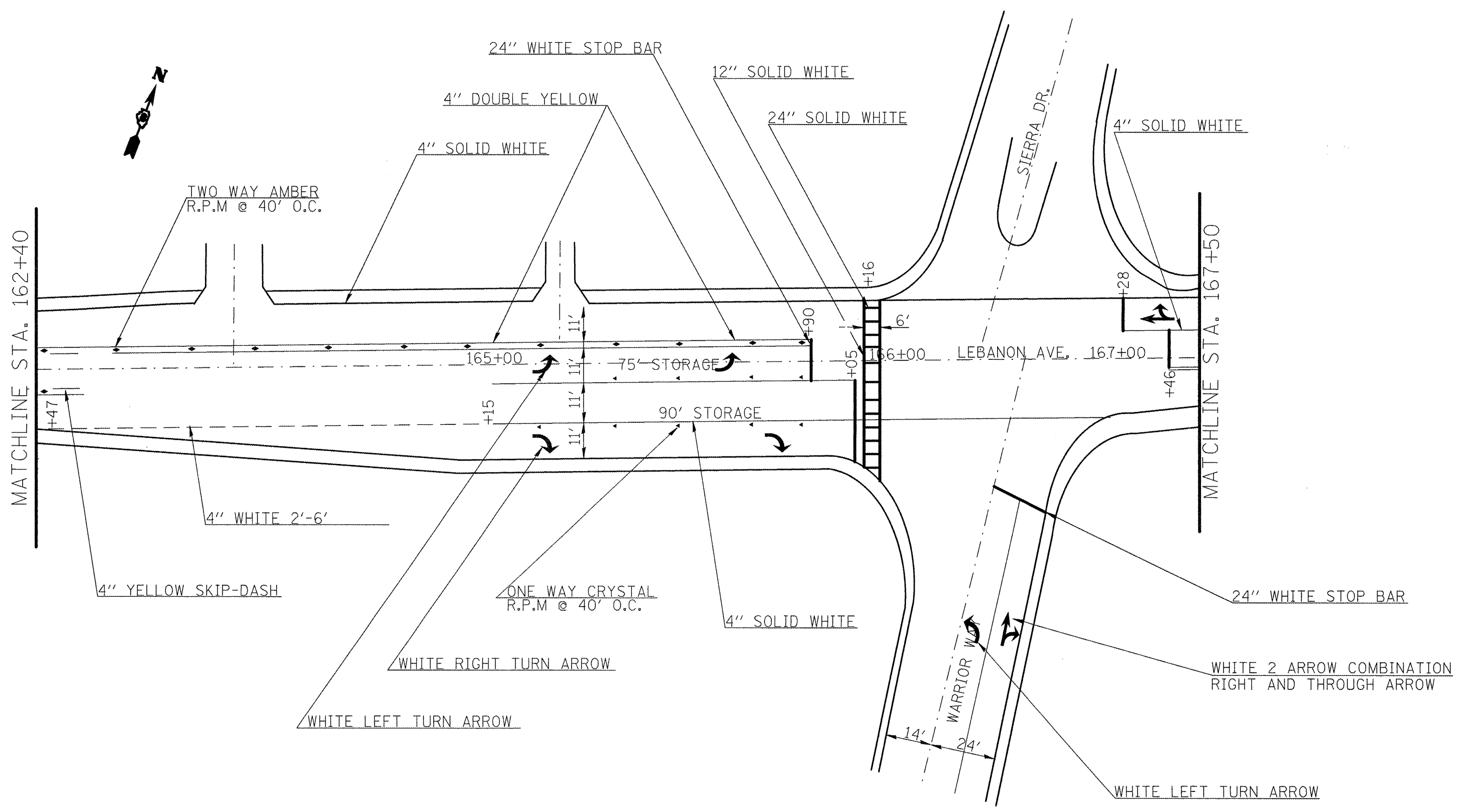


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL		
SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. 120+00 TO STA. 162+40

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	24
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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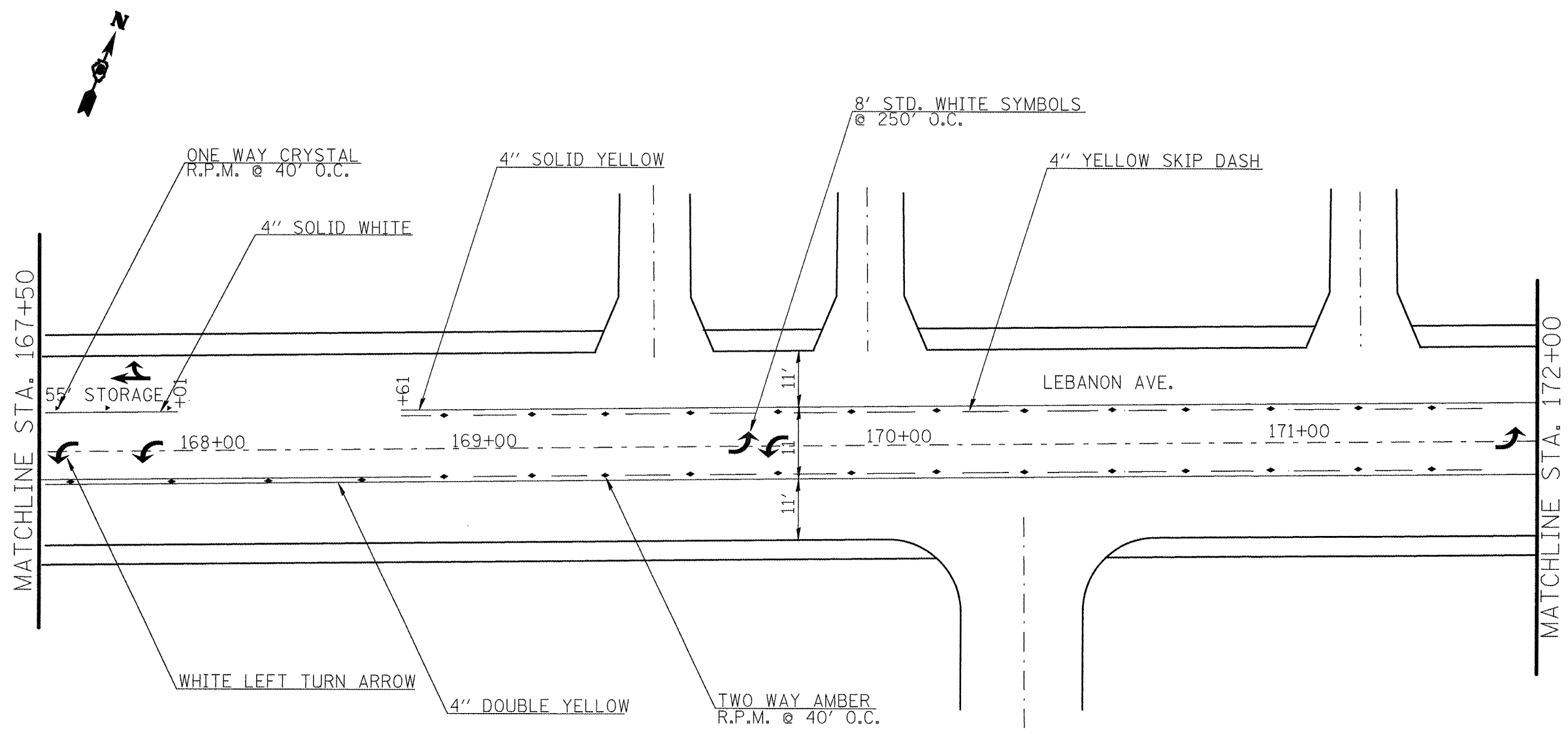
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. 162+40 TO STA. 167+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	44	25
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

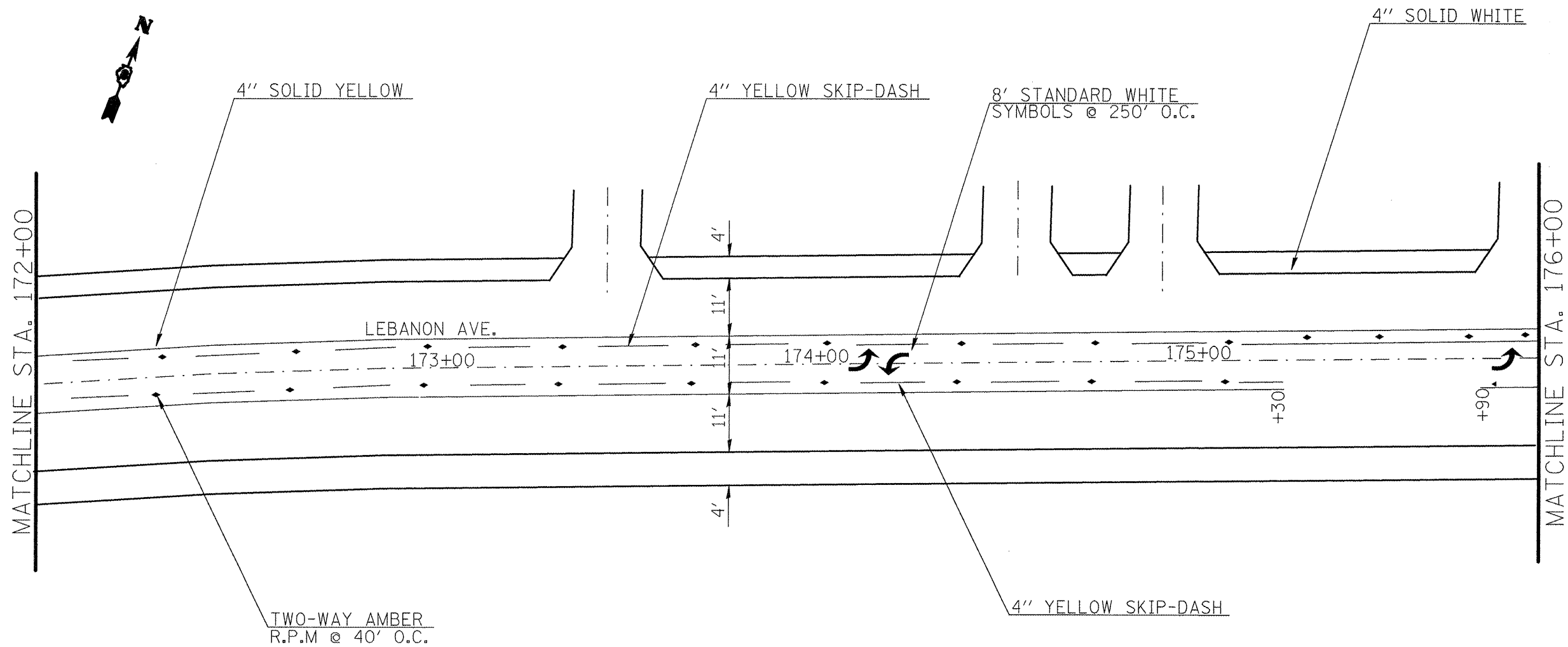


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAIL		
SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. 167+50 TO STA. 172+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	26
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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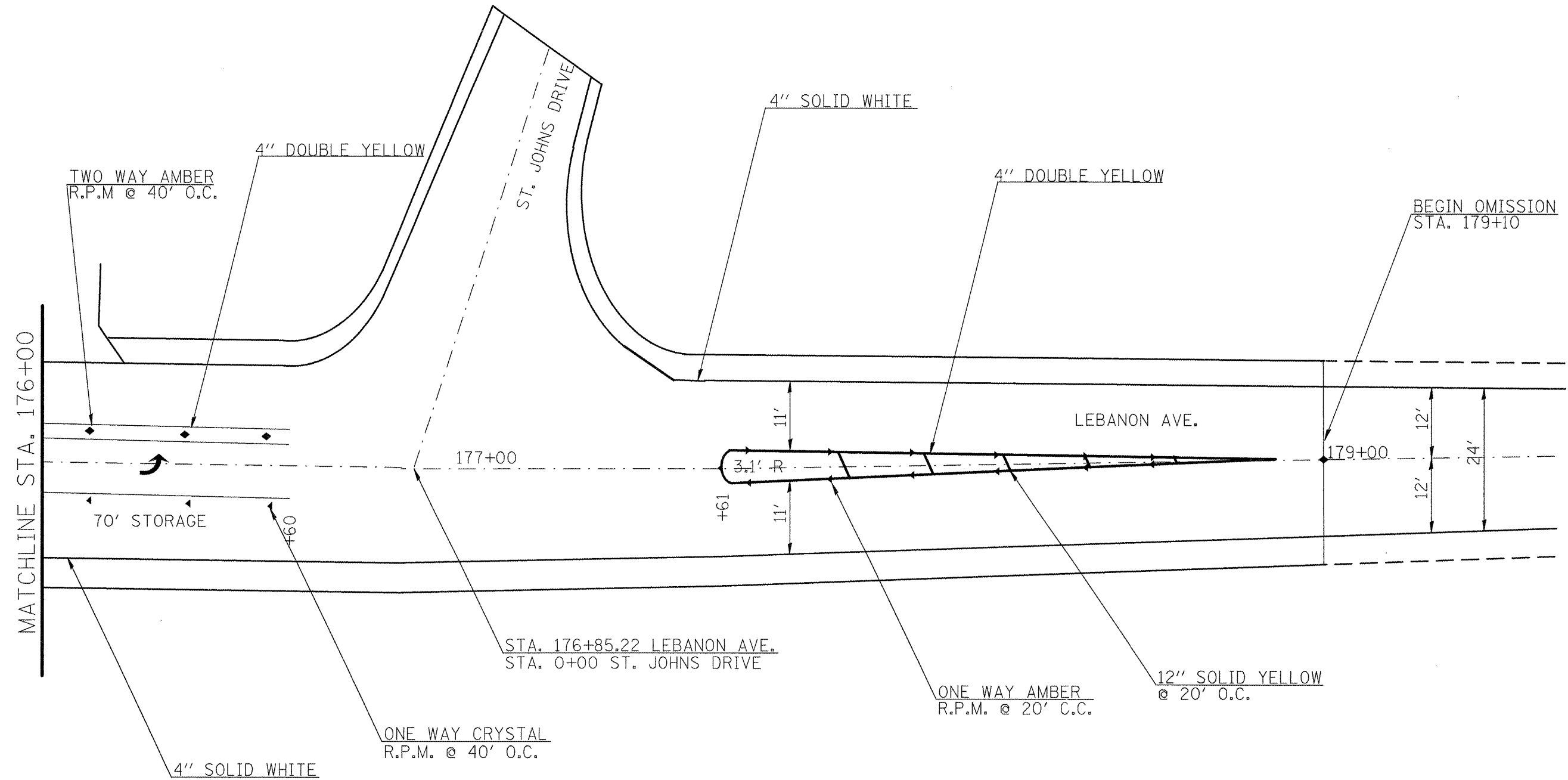
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INTERSECTION DETAIL

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. 172+00 TO STA. 176+00

F.A. RTE. 9266	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 42	SHEET NO. 27
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

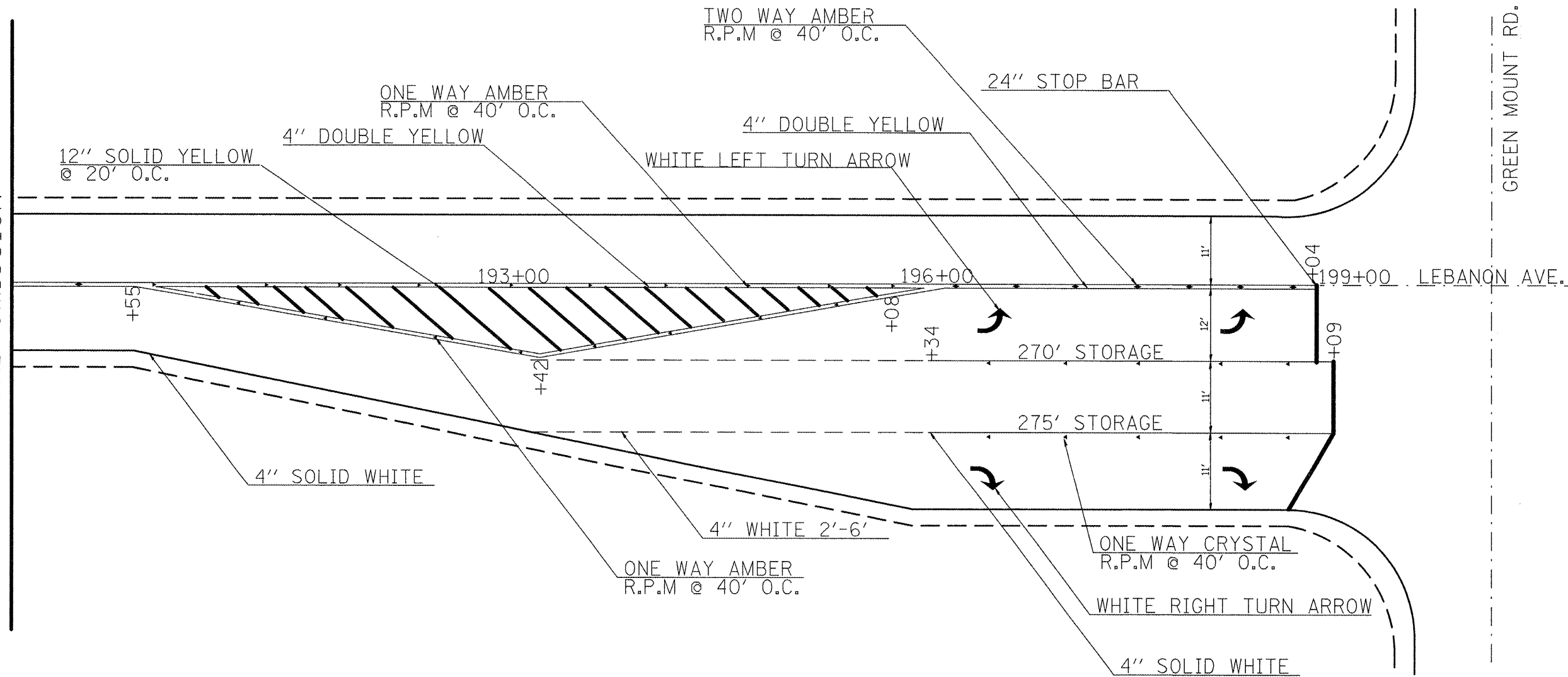
INTERSECTION DETAIL

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. 176+00 TO STA. 179+10

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
9266	33RS-5	ST. CLAIR	42
			SHEET NO. 28
CONTRACT NO. 76064			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

MATCHLINE STA. 190+43

END OMISSION



MATCHLINE STA. 199+50



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DEPARTMENT OF TRANSPORTATION

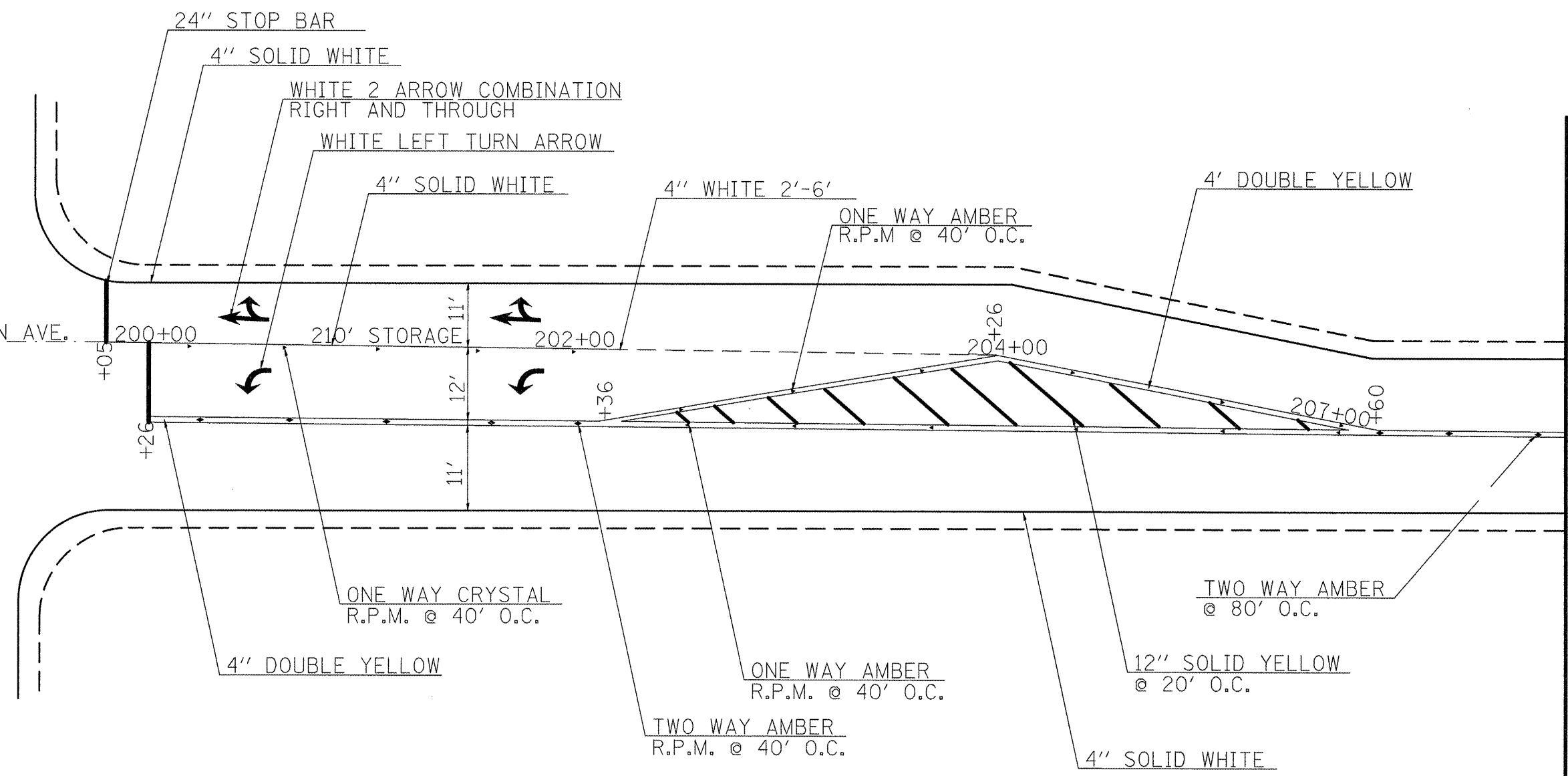
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SCALE: SHEET NO. OF SHEETS STA. 190+43 TO STA. 199+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166	33RS-5	ST. CLAIR	42	29
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 199+50

GREEN MOUNT RD.

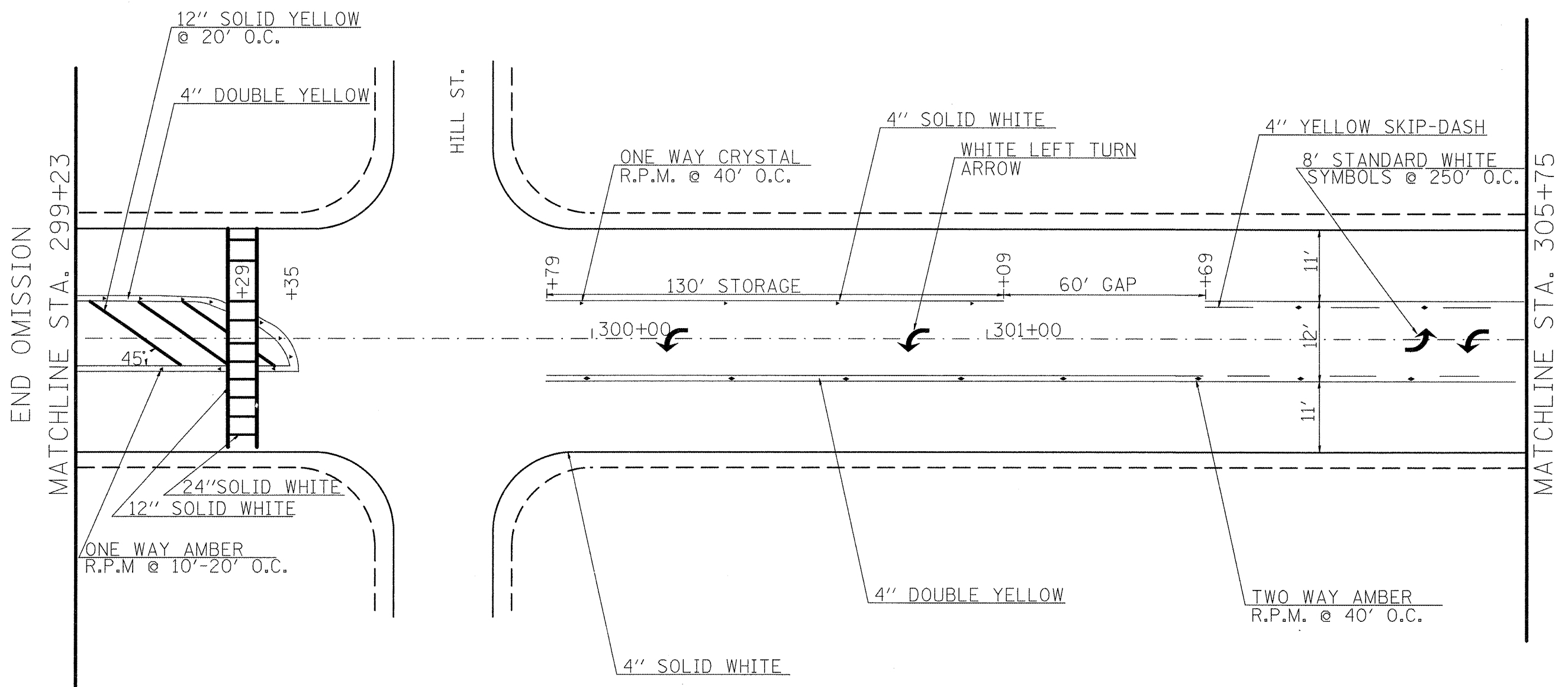
LEBANON AVE.



MATCHLINE STA. 282+33

BEGIN OMISSION

FILE NAME =	USER NAME = washingtonaq	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION DETAIL		F.A. RTE. 9166	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEET NO. 42	SHEET NO. 30
CONTRACT NO. 76064	CONTRACT NO. 76064	DRAWN -	REVISD -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. 199+50 TO STA. 299+23	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
PLOT SCALE = 100.0000 ' / IN.		CHECKED -	REVISD -								
PLOT DATE = 3/17/2010		DATE -	REVISD -								



END OMISSION
 MATCHLINE STA. 299+23

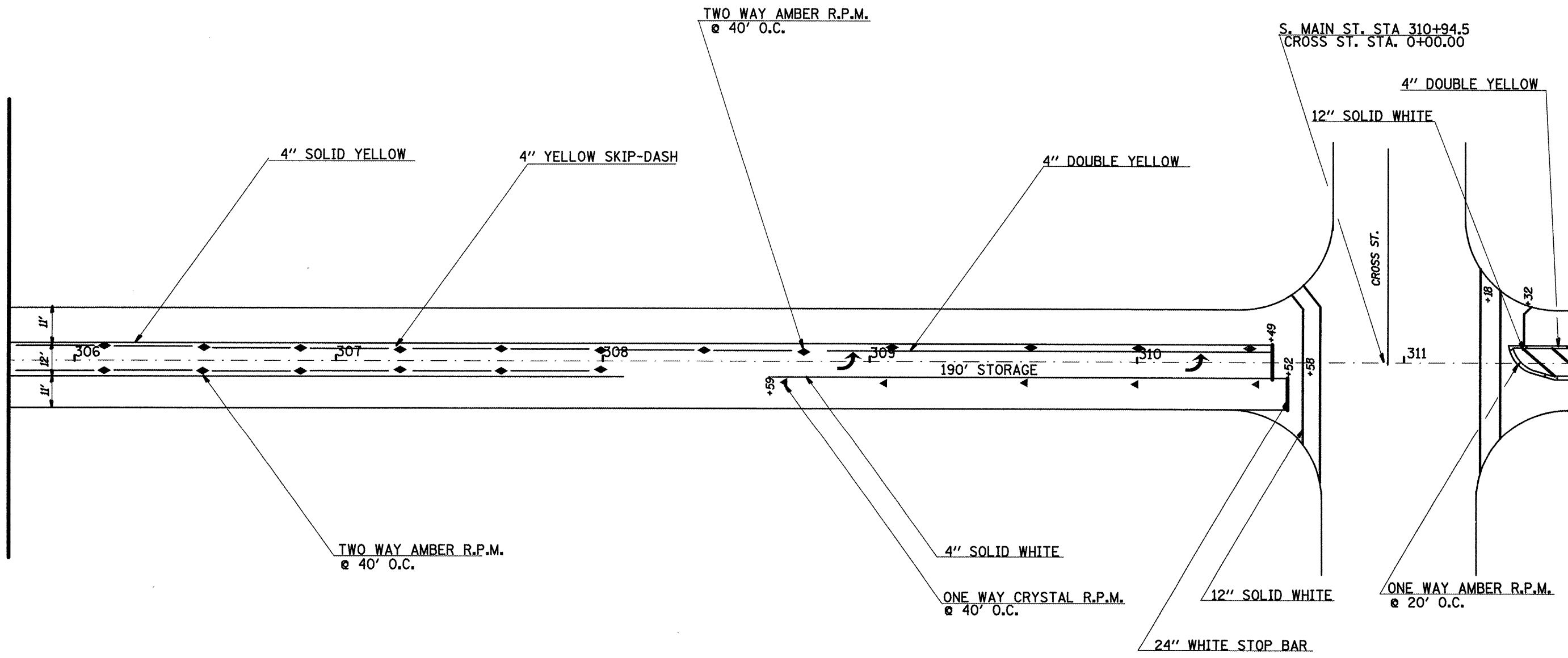
MATCHLINE STA. 305+75

HILL ST.

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	PLOT SCALE = 100.0000' / IN.	DRAWN - ---	REVISED - ---			SCALE:	SHEET NO. OF SHEETS	STA. 299+23 TO STA. 305+75	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76064
	PLOT DATE = 3/17/2010	CHECKED - ---	REVISED - ---			SHEET NO. OF SHEETS	STA. 299+23 TO STA. 305+75	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76064	
	DATE - ---	REVISED - ---	REVISED - ---			SHEET NO. OF SHEETS	STA. 299+23 TO STA. 305+75	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76064	

MATCHLINE STA. 305 + 75

END PROJECT 311 + 87



TWO WAY AMBER R.P.M.
@ 40' O.C.

S. MAIN ST. STA 310+94.5
CROSS ST. STA. 0+00.00

4" SOLID YELLOW

4" YELLOW SKIP-DASH

4" DOUBLE YELLOW

4" DOUBLE YELLOW

12" SOLID WHITE

TWO WAY AMBER R.P.M.
@ 40' O.C.

4" SOLID WHITE

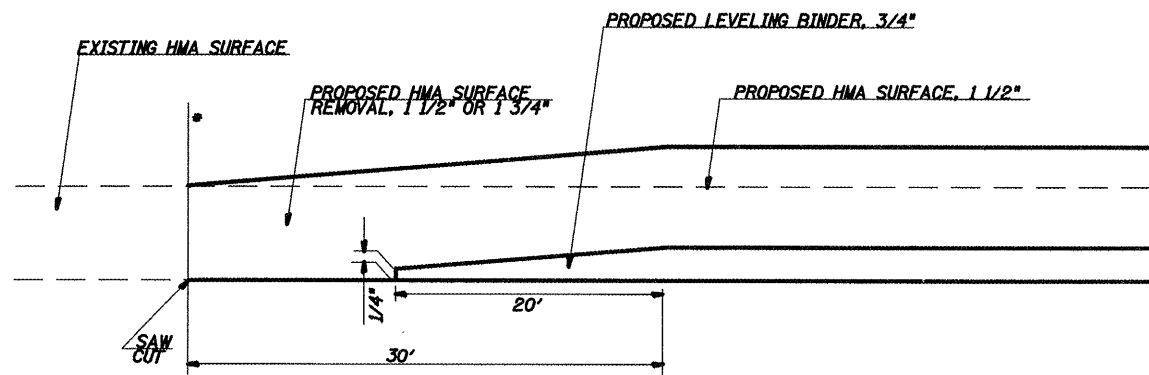
ONE WAY CRYSTAL R.P.M.
@ 40' O.C.

12" SOLID WHITE

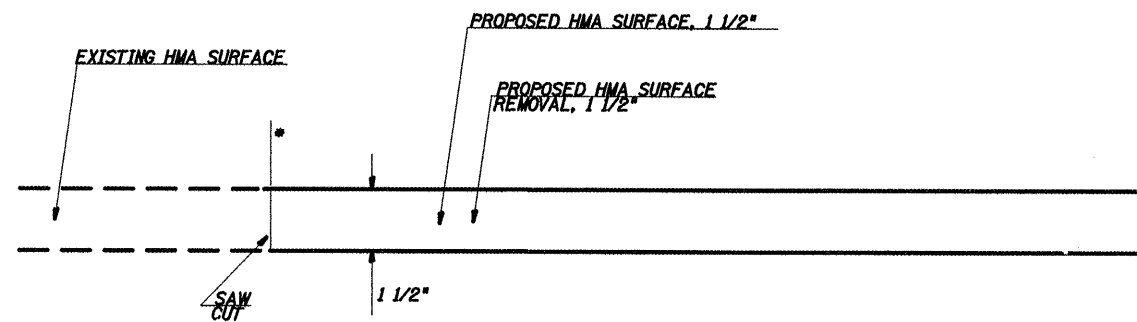
ONE WAY AMBER R.P.M.
@ 20' O.C.

24" WHITE STOP BAR

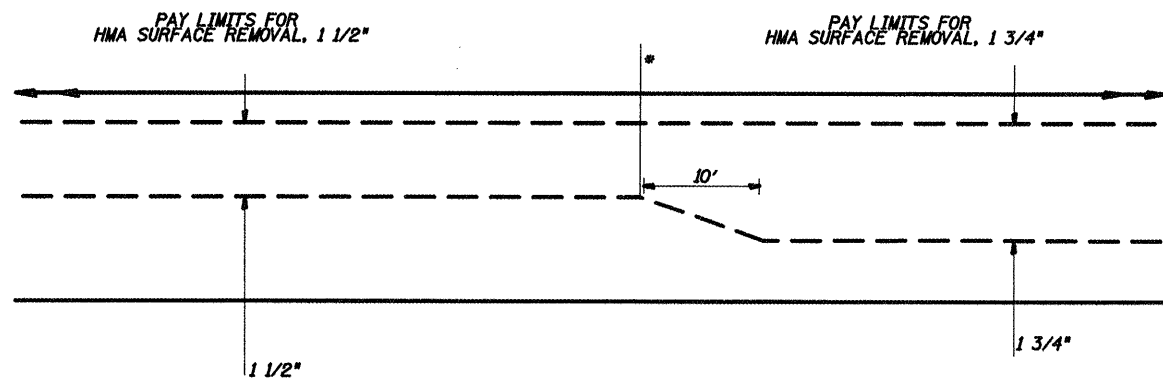
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ca\pvt_work\PWIDOT\WASHINGTONAQ\d0175198	d876d64-ahh-plan.dgn	DRAWN -	REVISD -		SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. 101+28 TO STA. 124+41	9166	33RS-5	ST. CLAIR	44	31A
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISD -					CONTRACT NO. 76064				
	PLOT DATE = 3/19/2010	DATE -	REVISD -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



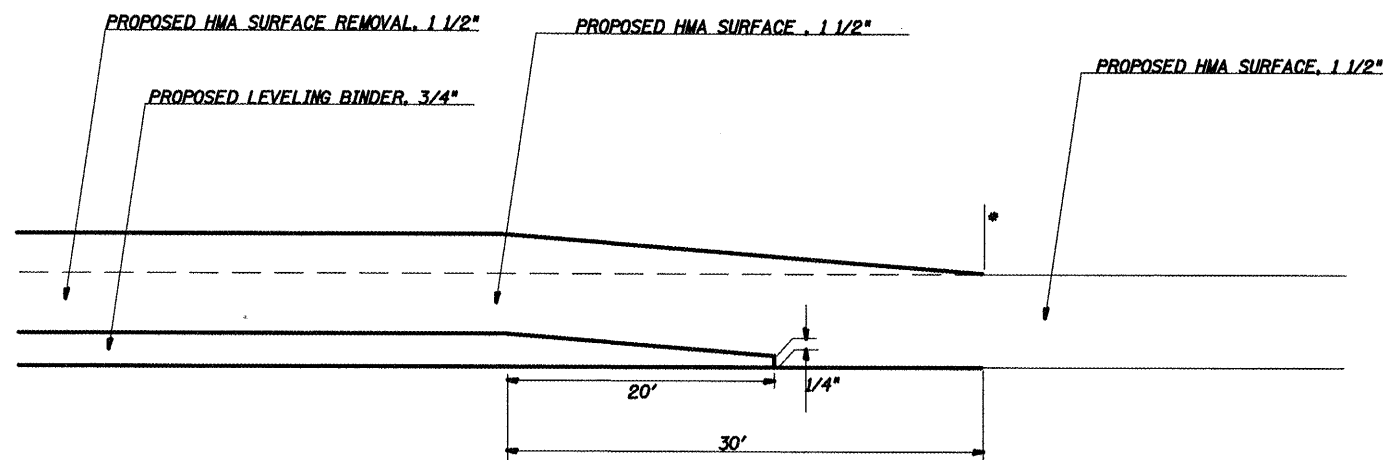
CONSTRUCTION JOINT DETAIL
(INCIDENTAL TO HMA SURFACE REMOVAL)
* STA'S: 101+28, 179+10, 190+43, 282+33



CONSTRUCTION JOINT DETAIL
(INCIDENTAL TO HMA SURFACE REMOVAL)
* STA'S: 299+23, 311+87



HMA SURFACE REMOVAL DEPTH TRANSITION
* STA'S: 137+45, 207+66



HMA RESURFACING DEPTH TRANSITION
* STA'S: 195+98, 203+95

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PLOT DATE = 3/17/2010

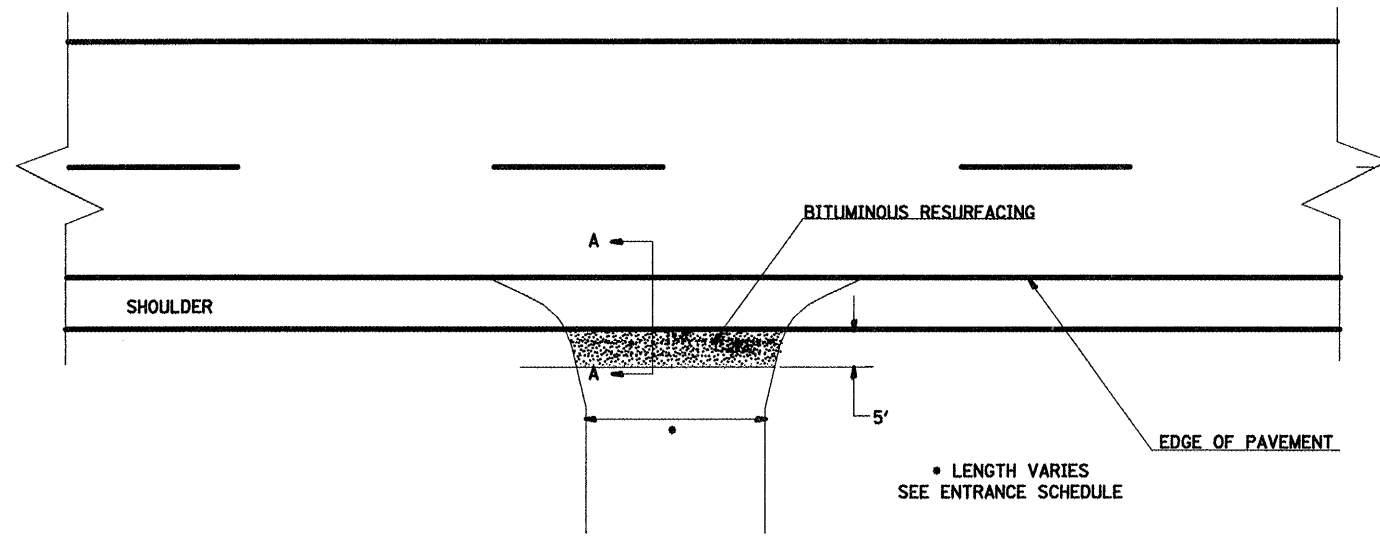
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DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

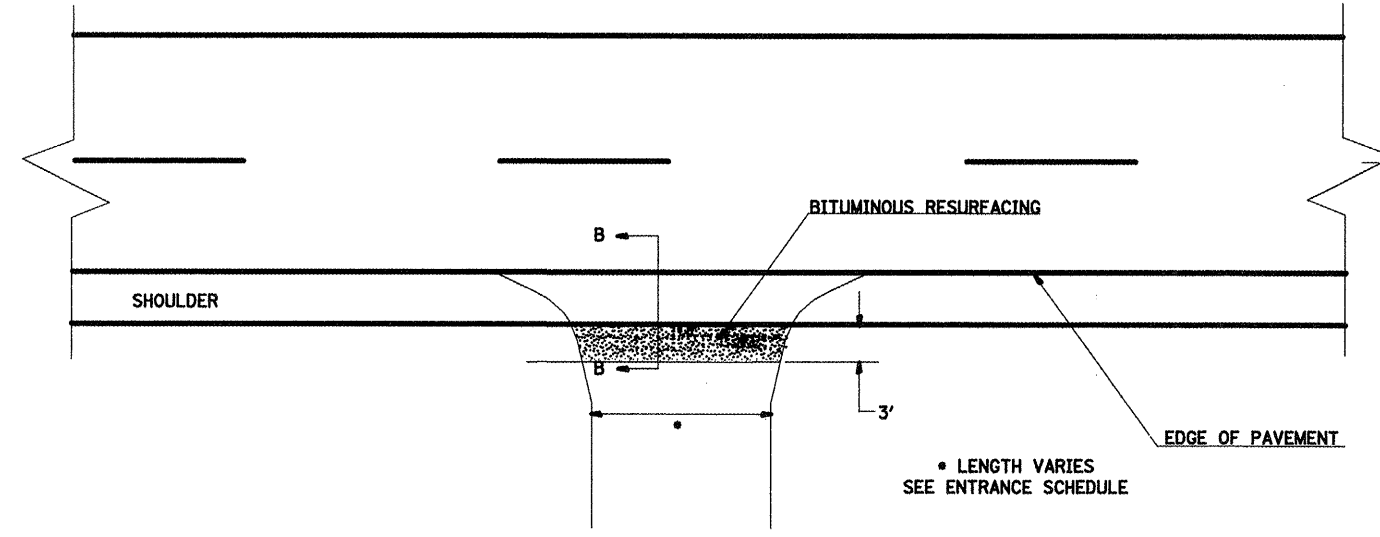
MISCELLANEOUS DETAIL

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

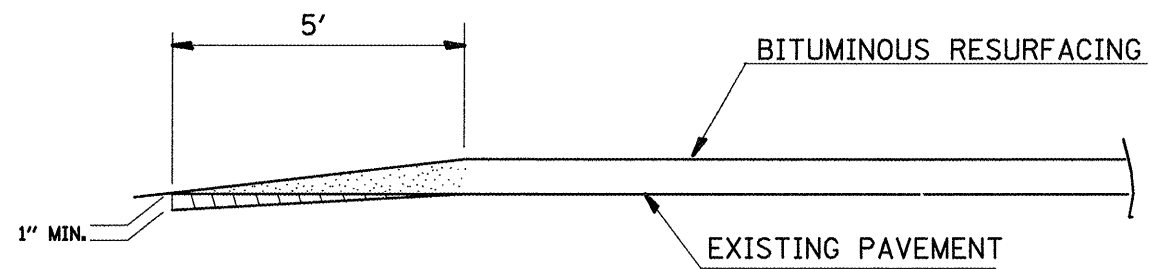
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76064	



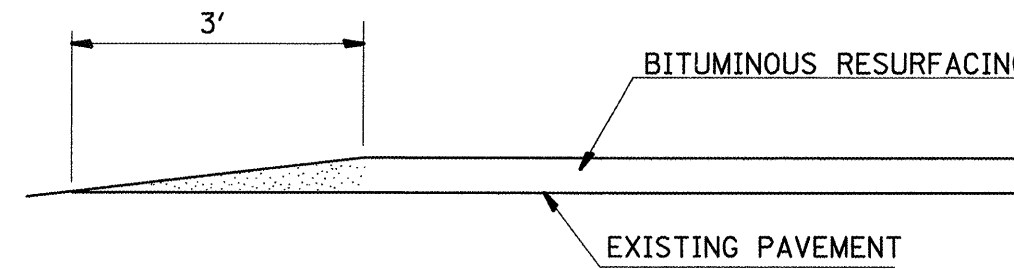
SIDEROAD DETAIL



ENTRANCE DETAIL



BUTT JOINT DETAIL
SECTION A-A



FEATHEREDGE DETAIL
SECTION B-B

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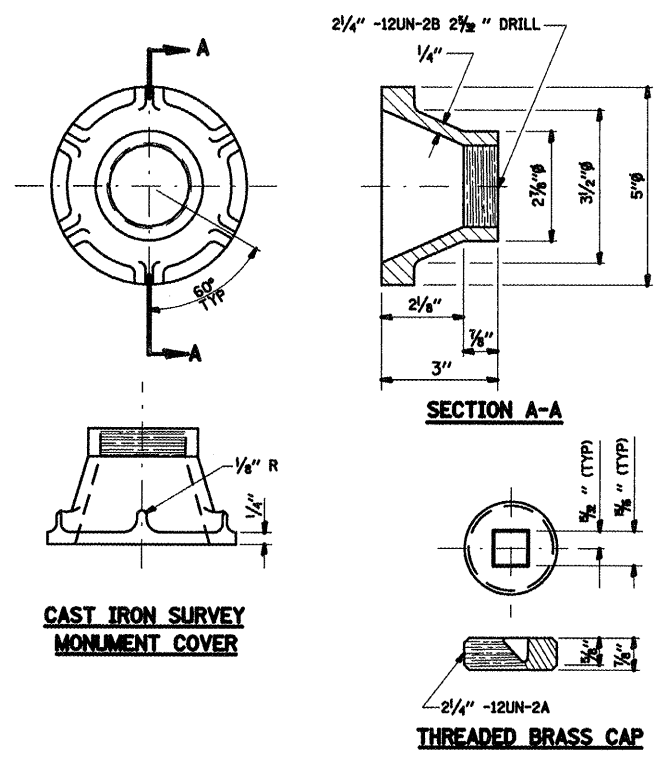
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	33
CONTRACT NO. 76D64				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTES:
 ALL DIMENSIONS ARE IN INCHES.
 ALL RADII ARE 3/8" UNLESS SPECIFIED.
 ALL CHAMFERS ARE 45°.
 ROUND ALL SHARP EDGES.
 USE THREADS AND DIMENSIONS AS SPECIFIED OR EQUIVALENT,
 WITH THE APPROVAL OF THE ENGINEER.
 THE SURVEY MONUMENT COVER ASSEMBLY SHOWN IS AN EXAMPLE.
 OTHER MODELS, SIMILAR IN DESIGN, MAY BE USED
 WITH THE APPROVAL OF THE ENGINEER.
 THE THREADS OF THE CAP AND COVER WILL BE COATED
 WITH PIPE TAPE OR PIPE THREAD COMPOUND PRIOR TO INSTALLATION.

LOCATIONS FOR MONUMENTS ARE AS FOLLOWS:
 • WEST OF GREENMOUNT ROAD LOCATED IN THE LEFT TURN LANE.
 • LOCATED ON HARTMAN LANE.

FILE NAME =	USER NAME = washingtonaq	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAIL	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 3/17/2010	DATE -	REVISED -			SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR LEBANON AVE. AND SOUTHWIND DRIVE

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
EB_THRU_LN_#1	6' X 50'	3-6-3	836	2.72
EB_CCO_#2	6' X 6'	5	246	2.05
WB_LT_LN_#3	6' X 50'	3-6-3	806	2.03
WB_THRU_LN_#4	6' X 50'	3-6-3	806	2.03
WB_CCO_#5	6' X 6'	6	343	2.36

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR LEBANON AVE. AND HARTMAN LANE

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
EB_LT_LN_#1	6' X 50'	3-6-3	835	2.69
EB_THRU_LN_#2	6' X 50'	3-6-3	835	2.69
EB_CCO_#3	6' X 6'	5	243	1.98
EB_CCO_#4	6' X 6'	7	498	3.43
WB_THRU_LN_#5	6' X 50'	3-6-3	802	1.97
WB_CCO_#6	6' X 6'	6	346	2.45
SB_RT_LN_#7	6' X 35'	3-6-3	605	2.14

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR LEBANON AVE. AND N. GREEN MOUNT ROAD

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
EB_LT_LN_#1	6' X 50'	3-6-3	856	3.18
EB_THRU_LN_#2	6' X 50'	3-6-3	852	3.10
EB_RT_LN_#3	6' X 50'	3-6-3	845	2.94
EB_CCO_#4	6' X 6'	7	504	3.57
WB_LT_LN_#5	6' X 50'	3-6-3	811	2.16
WB_THRU_LN_#6	6' X 50'	3-6-3	811	2.16
WB_CCO_#7	6' X 6'	6	350	2.51

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR LEBANON AVE. AND WHITESIDE ROAD

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
EB_LT_LN_#1	6' X 50'	3-6-3	806	2.05
EB_THRU_LN_#2	6' X 50'	3-6-3	806	2.05
EB_CCO_#3	6' X 6'	5	235	1.82
WB_LT_LN_#4	6' X 50'	3-6-3	836	2.74
WB_THRU_LN_#5	6' X 50'	3-6-3	836	2.74
WB_CCO_#6	6' X 6'	6	361	2.77

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR LEBANON AVE. AND WARRIOR WAY

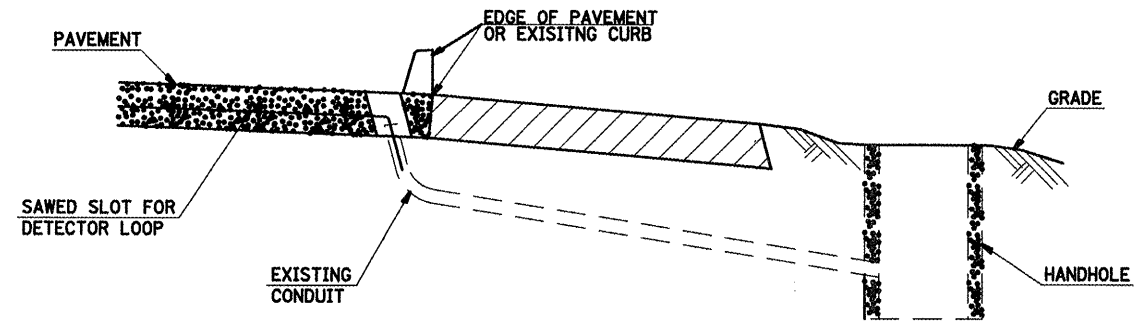
LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
EB_LT_LN_#1	6' X 50'	3-6-3	809	2.12
EB_THRU_LN_#2	6' X 50'	3-6-3	809	2.12
EB_THRU_LN_#3	6' X 50'	3-6-3	809	2.12
EB_CCO_#4	6' X 6'	5	250	2.15
WB_LT_LN_#5	6' X 50'	3-6-3	854	3.15
WB_THRU_LN_#6	6' X 50'	3-6-3	854	3.15
WB_CCO_#7	6' X 6'	7	494	3.33
NB_LT_LN_#8	6' X 50'	3-6-3	822	2.41
SB_THRU_LANE_#9	6' X 50'	3-6-3	831	2.61

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR LEBANON AVE. AND CROSS STREET

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1 EB_LT_LN_#1	6' X 50'	3-6-3	852	3.09
2 EB_THRU_LN_#2	6' X 50'	3-6-3	852	3.09
3 EB_CCO_#3	6' X 6'	6	357	2.68
4 EB_CCO_#4	6' X 6'	6	357	2.68
5 WB_THRU_LN_#5	6' X 50'	3-6-3	810	2.14
6 WB_CCO_#6	6' X 6'	5	228	1.65

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.



DETAIL (NO SCALE)

RE-USE EXISTING DETECTOR LOOP LEAD-IN CABLE IN ONDUIT

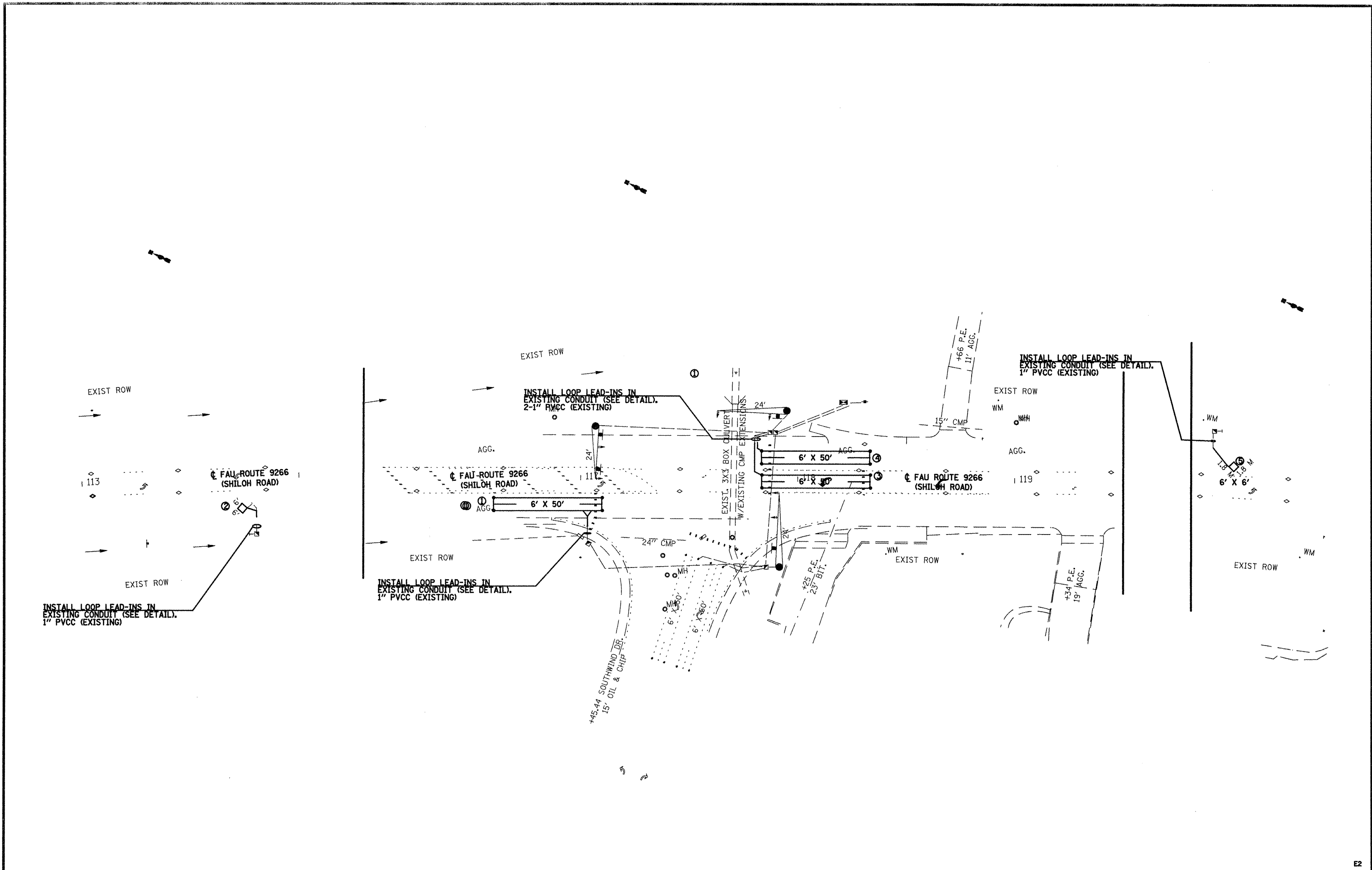
- 1 LOCATE UNDERGROUND CABLE FROM H.H. TO PAVEMENT.
- 2 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 3 REMOVE EXISTING LEAD-IN CONDUCTORS TO HANDHOLE.
- 4 INSTALL LOOP LEAD-IN CONDUCTORS IN EXISTING CONDUIT.
- 5 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 6 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

ELECTRICAL GENERAL NOTES:

THE EXISTING DETECTOR LOOP CONDUIT FROM PAVEMENT TO THE HANDHOLE WILL BE RE-USED FOR THE REPLACED DETECTOR LOOP. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING THE EXISTING CONDUIT DURING THE CONSTRUCTION OPERATION. SHOULD ANY DAMAGE OCCURE DUE TO THE CONTRACTOR'S OPERATIONS, REPAIRS WILL BE MADE TO THE SATISFACTION OF THE ENGINEER AND WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	INTERSECTION OF LEBANON AVE. WITH					
CODE NO	ITEM	UNIT		SOUTHWIND DR.	WHITESIDE RD	HARTMAN LN.	WARRIOR WAY	N GREENMOUNT RD	CROSS ST
80300100	LOCATING UNDERGROUND CABLE	FOOT	702	87	92	341	53	74	55
88600600	DETECTOR LOOP REPLACEMENT	FOOT	4998	573	749	791	1271	980	634



E2

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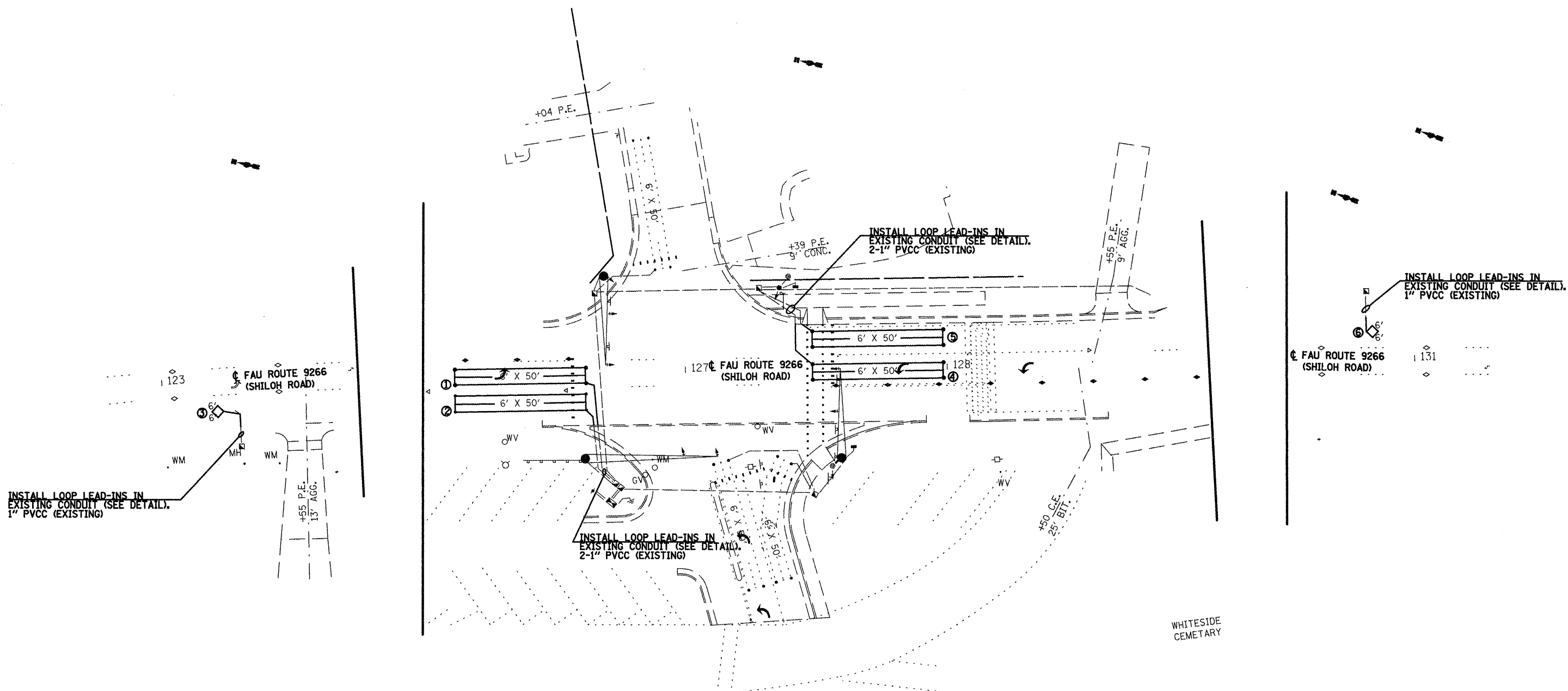
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT AT LEBANON AVE AND SOUTHWIND DR.

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

F.A. RTE. 9266	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 42	SHEET NO. 36
CONTRACT NO. 76064				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



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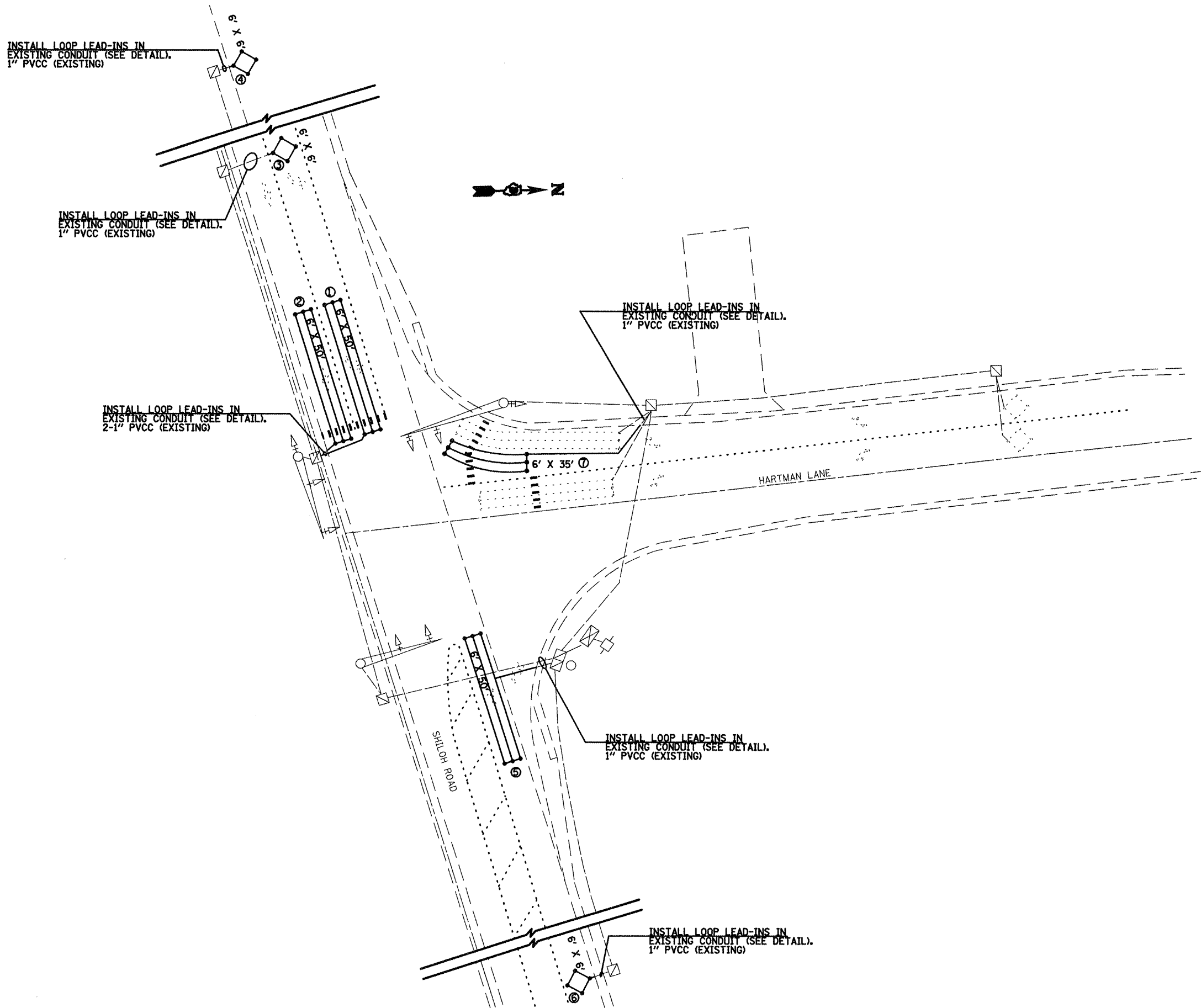
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT AT LEBANON AVE AND WHITESIDE RD.

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5		42	37
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D64	



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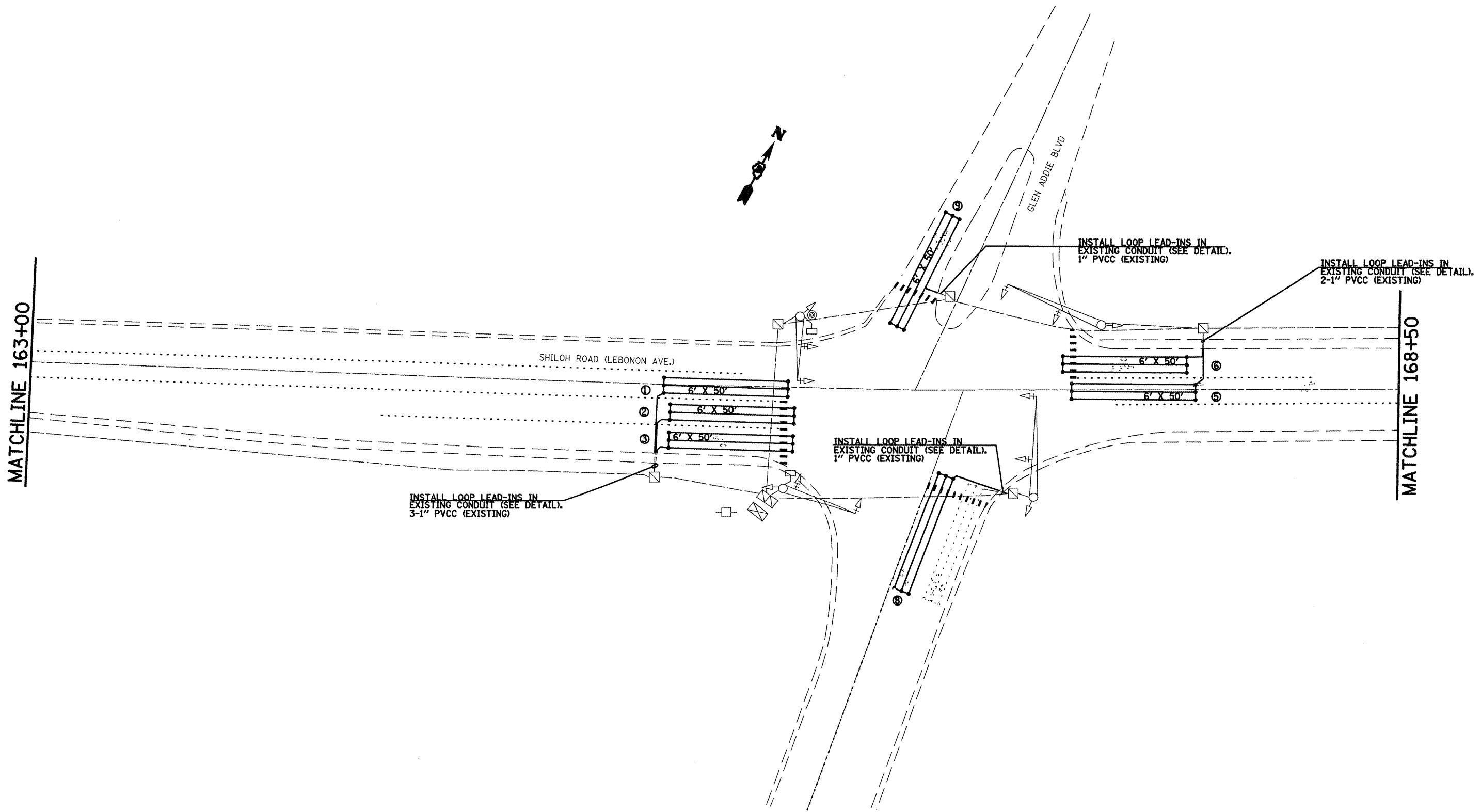
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CHECKED -	REVISD -
DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT AT LEBANON AVE. AND HARTMAN LN.

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

F.A.I.L. RTE. 9266	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 42	SHEET NO. 38
CONTRACT NO. 76064				
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



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DATE -	---	REVISED -	---

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

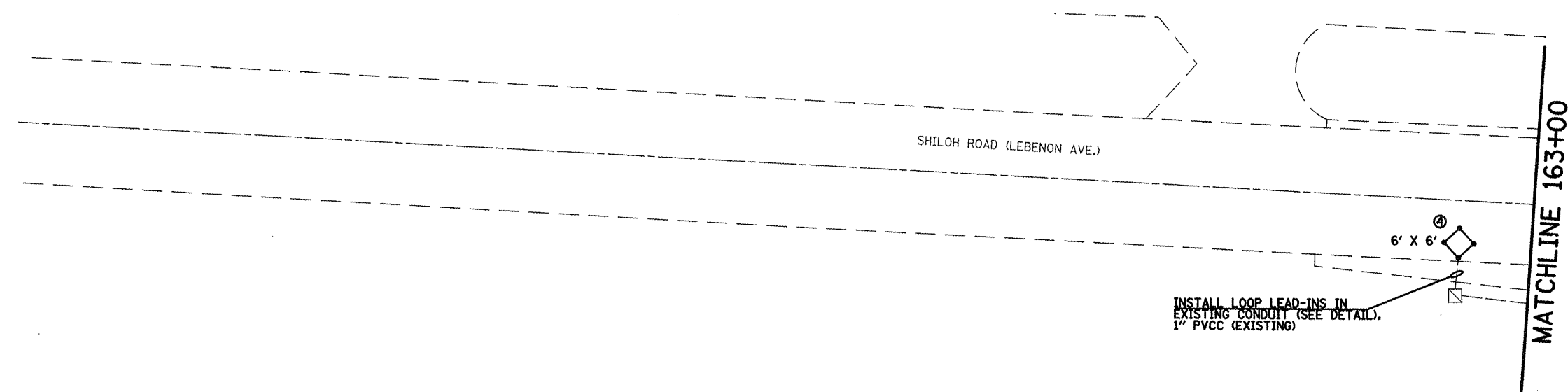
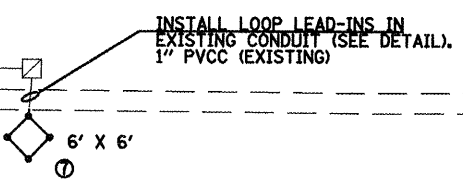
DETECTOR LOOP REPLACEMENT AT LEBANON AVE AND GLEN ADDIE BLVD

F.A.I.L. RTE. 9266	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 42	SHEET NO. 39
CONTRACT NO. 76D64				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

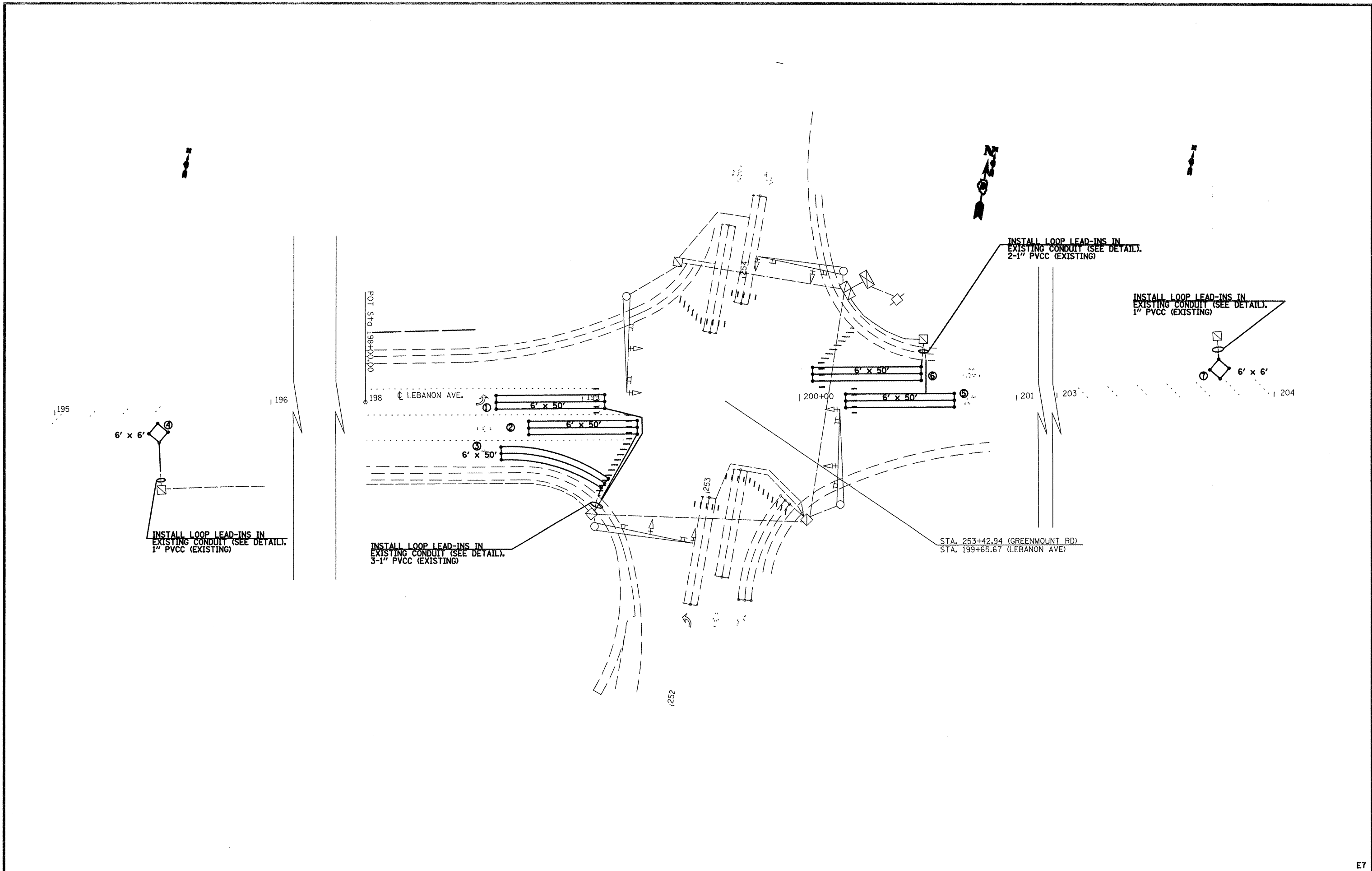
MATCHLINE 168+50

SHILOH ROAD (LEBENON AVE.)



MATCHLINE 163+00

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	PLOT DATE = 3/17/2010	DATE -	REVISED -								



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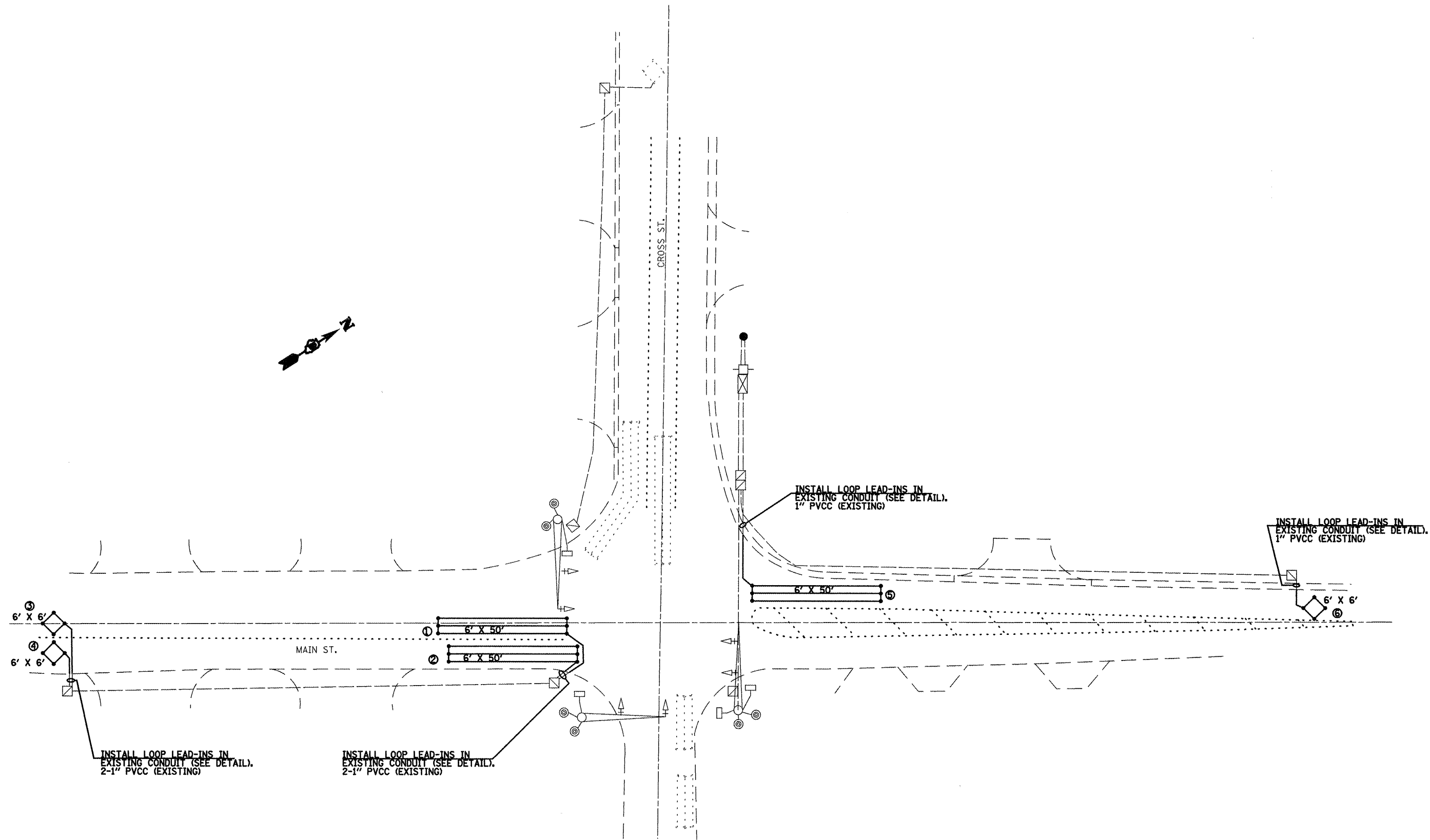
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT AT LEBANON AVE AND GREENMOUNT RD
 SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	33RS-5	ST. CLAIR	42	41
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D64	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT AT LEBANON AVE AND CROSS ST

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DESIGNED -
DRAWN -
CHECKED -
DATE -

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REVISED -
REVISED -

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

F.A.D. RTE. 9266	SECTION 33RS-5	COUNTY ST. CLAIR	TOTAL SHEETS 42	SHEET NO. 42
CONTRACT NO. 76064				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				