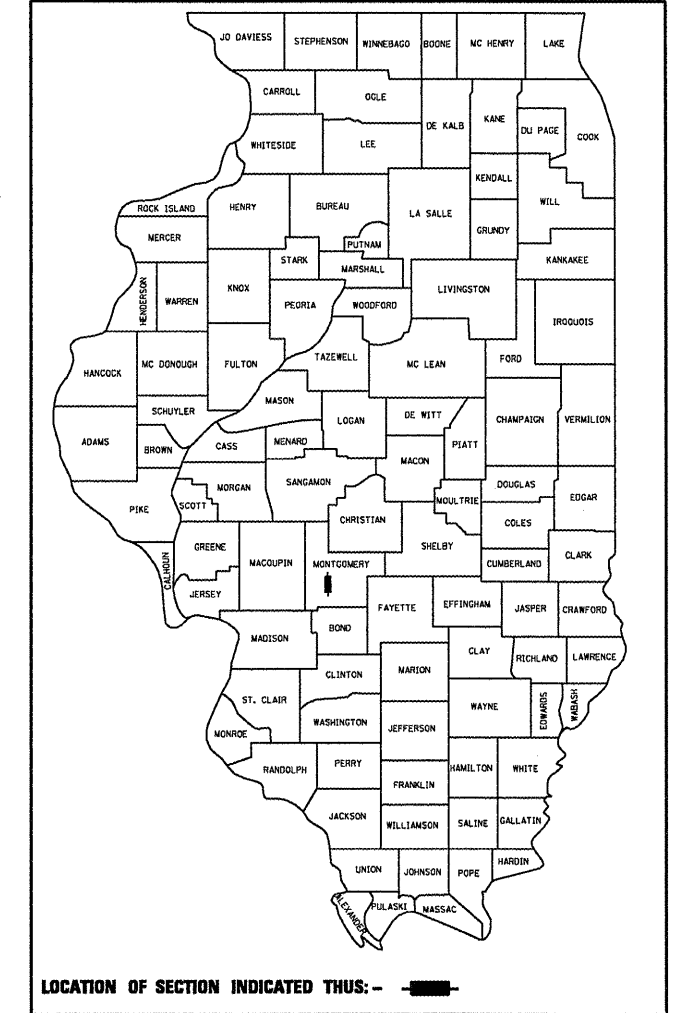


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	1
		ILLINOIS	CONTRACT NO. 72C52	

*-20RS-7, 21RS-6, 104RS, 105RS-4
 ** - 42, 325

D-96-031-09



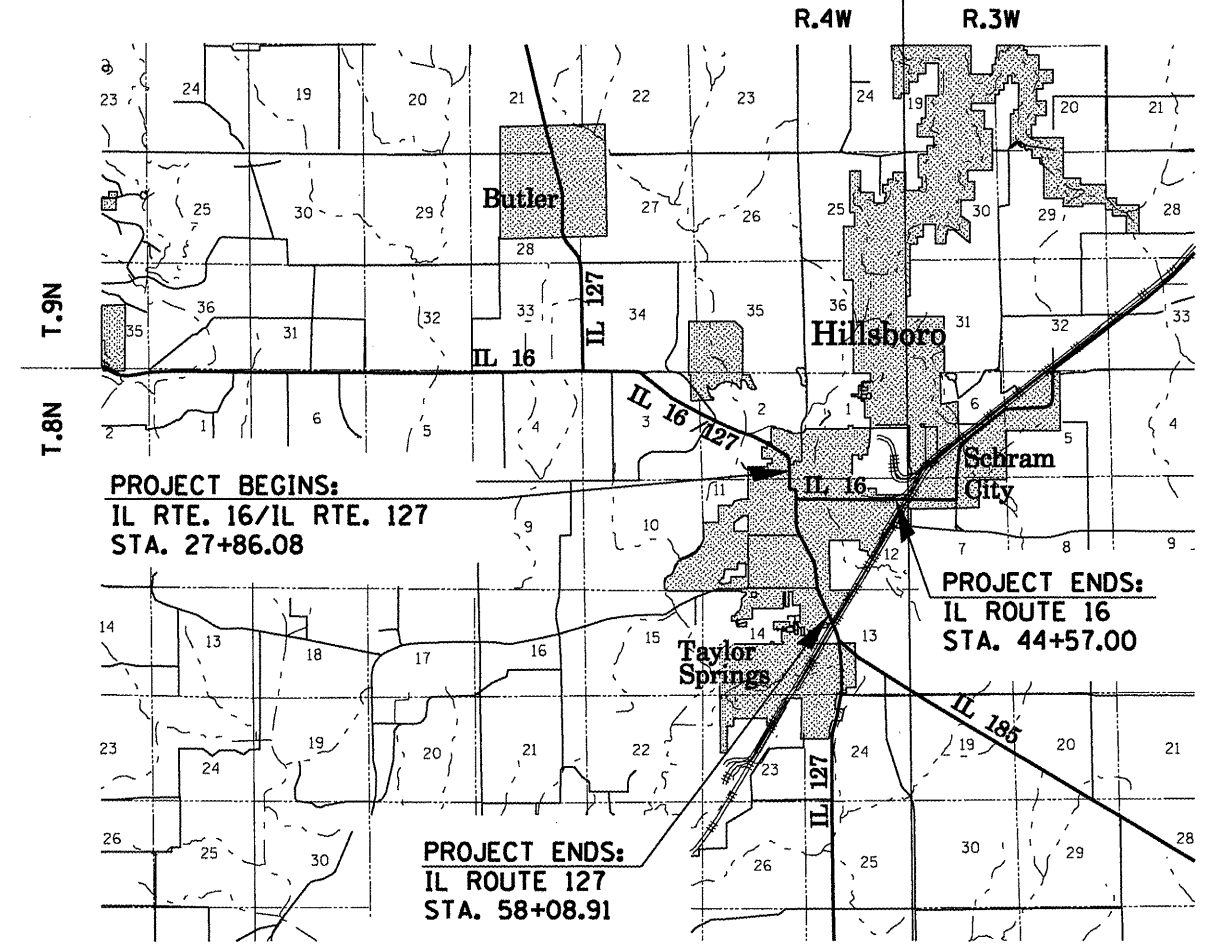
LOCATION OF SECTION INDICATED THUS: - [shaded box] -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

**IL ROUTE 16 (FAP 325) & IL 127 (FAP 42)
 SECTION 20RS-7, 21RS-6, 104RS, 105RS-4**

**PPP BITUMINOUS RESURFACING FOR IL 16 & IL 127
 MONTGOMERY COUNTY
 C-96-031-09**



LOCATION MAP

GROSS LENGTH = 12,274.46 FT. = 2.325 MILES
 NET LENGTH = 12,274.46 FT. = 2.325 MILES

INDEX OF SHEETS

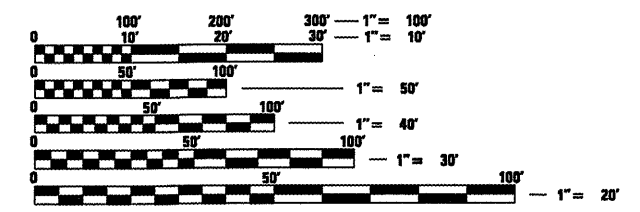
- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-5 SUMMARY OF QUANTITIES
- 6-13 TYPICAL CROSS SECTIONS
- 14-21 SCHEDULE OF QUANTITIES
- 22-36 PLAN SHEETS
- 37-51 PAVEMENT MARKING SHEETS
- 52 BUTT-JOINT, ENTRANCE DETAILS
- 53 IMPACT ATTENUATOR PAD DETAILS
- 54 SIDEWALK DETAILS
- 55 PIPE HANDRAIL DETAILS
- 56-60 TRAFFIC DETECTOR LOOP DETAILS

STANDARDS

000001-05	701201-03
001001-02	701301-03
001006	701311-03
420701-02	701501-05
442001-04	701502-03
442101-07	701801-04
442201-03	701901-01
604006-04	780001-02
	781001-03

AVERAGE DAILY TRAFFIC (2009)

IL 16/127 (WOOD ST. - SCHOOL ST.) = 13,200 (600 TRUCK)
 IL 16 (SCHOOL ST.) = 6,600 (300 TRUCK)
 IL 127 (SCHOOL ST. - UP R.R.) = 10,500 (500 TRUCK)



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: SAL MADONIA (217) 782-4762
 TEAM MEMBER: TIM SLAGLE (217) 524-0946

CONTRACT NO. 72C52

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 30 20 10
Regis J. Ombi
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 20 10
Scott E. Stitt P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

May 7 20 10
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS**

GENERAL NOTES

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS (COVER SHEET) OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
2. IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
3. ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE SHOWN.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
5. THE THICKNESS OF BITUMINOUS MIXTURES 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.
6. ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
7. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE PLACED DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
8. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ. YD. (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQ.YD. (ON AGG)
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.
BITUMINOUS CONCRETE SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	2.05 TON/CU. YD.
9. THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.
10. WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
11. LIMITS OF CONSTRUCTION ALONG SIDE ROADS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER BEFORE WORK BEGINS. LIMITS MAY BE ADJUSTED FROM PROPOSED PLAN LAYOUT IF ENGINEER DEEMS NECESSARY.
12. EXISTING MANHOLES AND INLET FRAMES & LIDS DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED WITH NEW FRAMES AND LIDS AT THE CONTRACTOR'S EXPENSE.

IL 16 & IL 127 MAINLINE PATCHING	
MIXTURE USE(S):	PATCHING
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 19.0
FRICTION AGREGATE:	N/A

BITUMINOUS MIXTURE REQUIREMENTS TABLES

IL RTE. 16 & IL RTE. 127 MAINLINE RESURFACING	
MIXTURE USE(S):	HMA SURFACE COURSE
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGREGATE:	MIX "D"

SIDEROADS ALONG IL 16 & IL 127 & BITUMINOUS SHOULDERS ALONG IL 127	
MIXTURE USE(S):	INCIDENTAL HMA SURFACING
AC/PG:	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGREGATE:	MIX "C"

DISTRICT SIX	
EXAMINED <u>MARCH 24</u> 20 <u>10</u>	<i>[Signature]</i>
OPERATIONS ENGINEER	
EXAMINED <u>MARCH 24</u> 20 <u>10</u>	<i>[Signature]</i>
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>MARCH 25</u> 20 <u>14</u>	<i>[Signature]</i>
PROGRAM DEVELOPMENT ENGINEER	

• - 20RS-7, 21RS-6, 104RS, 105RS-5
 ** - 325, 42

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	2
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITITES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	MAINLINE, SIDEROADS 100% STATE 1000	PARKING LANES 100% STATE Y025
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	17	17	
31101300	SUB-BASE GRANULAR MATERIAL, TYPE B 5"	SQ YD	7	7	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	19.9	19.7	0.2
40600300	AGGREGATE (PRIME COAT)	TON	107	105	2
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600990	TEMPORARY RAMP	SQ YD	807	807	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	5,304	5,237	67
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	557	557	
42000500	PORTLAND CEMENT CONCRETE PAVEMENT 10"	SY YD	17	17	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	282	282	
44000100	PAVEMENT REMOVAL	SQ YD	17	17	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	51,069	50,470	599
44000600	SIDEWALK REMOVAL	SQ FT	282	282	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	761	761	
44004250	PAVED SHOULDER REMOVAL	SQ YD	492	492	
44200140	PAVEMENT PATCHING TYPE I, 12 INCH	SQ YD	15	15	
44200144	PAVEMENT PATCHING TYPE II, 12 INCH	SQ YD	196	196	

*-20RS-7, 21-6, 104RS, 105RS-4
**- 325, 42

FILE NAME :	USER NAME : laughlinc1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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										ILLINOIS FED. AID PROJECT CONTRACT NO. 72C52

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	MAINLINE, SIDEROAD 100% STATE 1000	PARKING LANES 100% STATE Y025
44200148	PAVEMENT PATCHING TYPE III, 12 INCH	SQ YD	16	16	
44200150	PAVEMENT PATCHING TYPE IV, 12 INCH	SQ YD	143	143	
44200176	PAVEMENT PATCHING TYPE I, 15 INCH	SQ YD	9	9	
44200180	PAVEMENT PATCHING TYPE II, 15 INCH	SQ YD	27	27	
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	4	4	
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	56	56	
48102100	AGGREGATE WEDGE ^{SHOULDER,} TYPE B	TON	41	41	
50901760	PIPE HANDRAIL	FOOT	211	211	
60401810	GRATES, TYPE 3	EACH	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5.0	4.5	0.5
67100100	MOBILIZATION	L SUM	1.0	0.9	0.1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	1.0	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1.0	1.0	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0	1.0	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,800	1,800	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,556	1,556	

*-20RS-7, 21-6, 104RS, 105RS-4
**-325, 42

FILE NAME =	USER NAME = [eughlinr]	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES

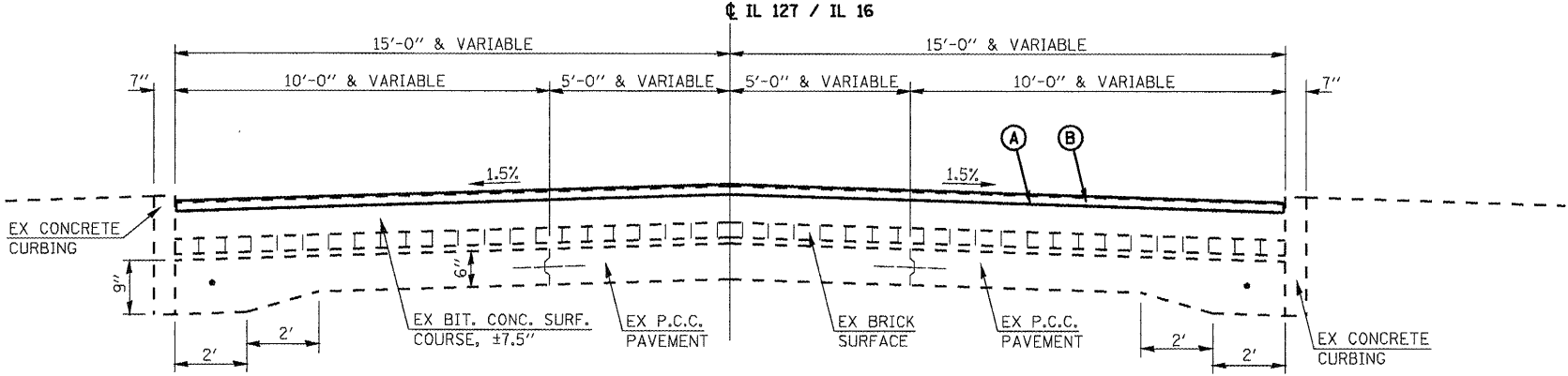
CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	MAINLINE, SIDEROAD 100% STATE 1000	PARKING LANES 100% STATE Y025
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	18,263	18,263	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	326		326
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	460	424	36
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	324	235	89
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	1,066	1,066	
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	1,061	1,061	
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	1,120	1,120	
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	3,545	3,545	
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	533	533	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	431	431	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	401	401	
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	3	3	
* 88600100	DETECTOR LOOP, TYPE I	FOOT	958	958	
* X0325469	MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE	EACH	6	6	
* Z0030020	IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	1.0	

* SPECIALTY ITEM

*-20RS-7, 21-6, 104RS, 105RS-4
**- 325, 42

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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										ILLINOIS FED. AID PROJECT

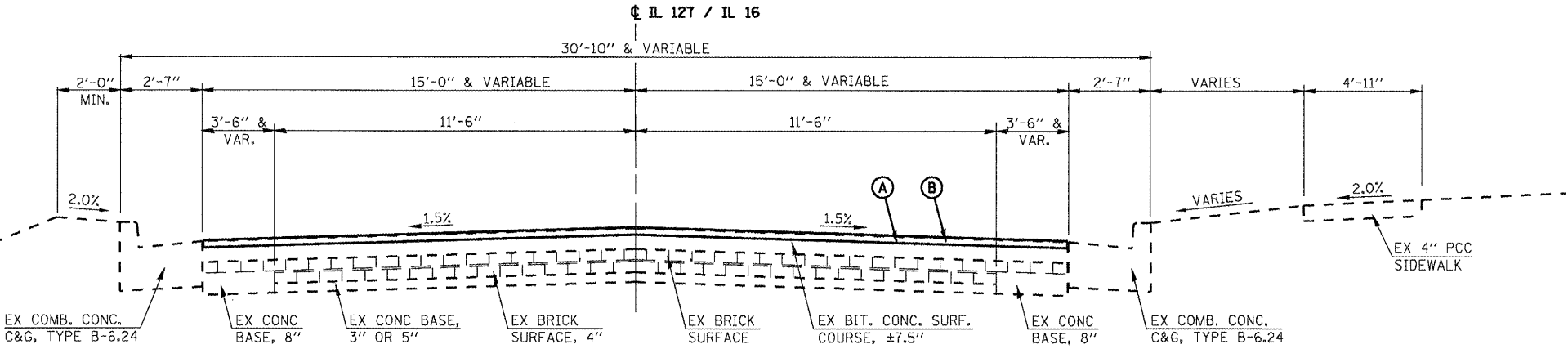
NOTE: STATIONING IS FROM NORTH TO SOUTH



TYPICAL CROSS SECTION
STA. 27+00.00 TO STA. 28+26.13
PROJECT BEGINS @ STA. 27+86.08

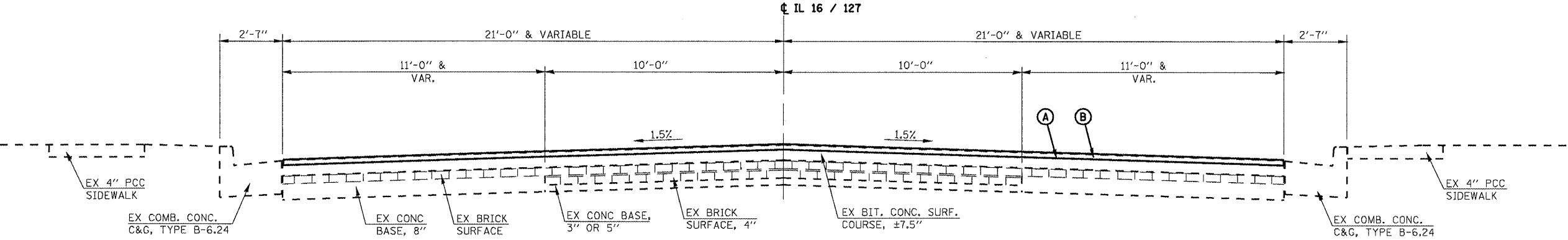
EXISTING CONCRETE PAVEMENT THICKNESS = 9'-6"-9"

LEGEND	
(A)	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
(B)	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH



TYPICAL CROSS SECTION
STA. 28+26.13 TO STA. 33+91.10

EXISTING BRICK PAVEMENT HAS A 3' AND 5" CONCRETE BASE WITH TWO COURSES OF BRICK OR 6" 8" CONCRETE BASE WITH ONE COURSE BRICK.



TYPICAL CROSS SECTION
STA. 33+91.10 TO STA. 36+23.70

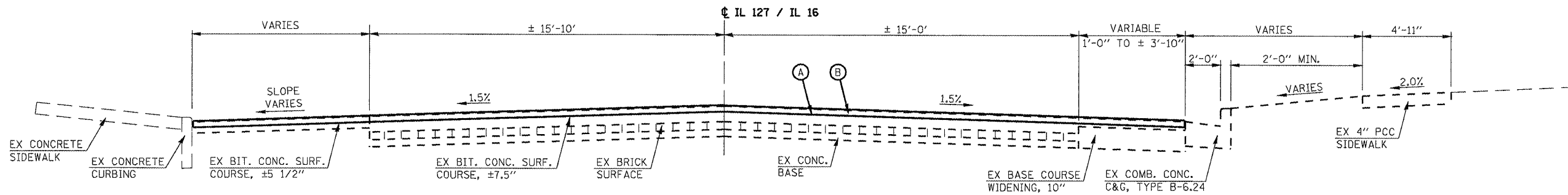
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS	
IL 16 / IL 127	
SCALE:	SHEET NO. 1 OF 8 SHEETS STA. TO STA.

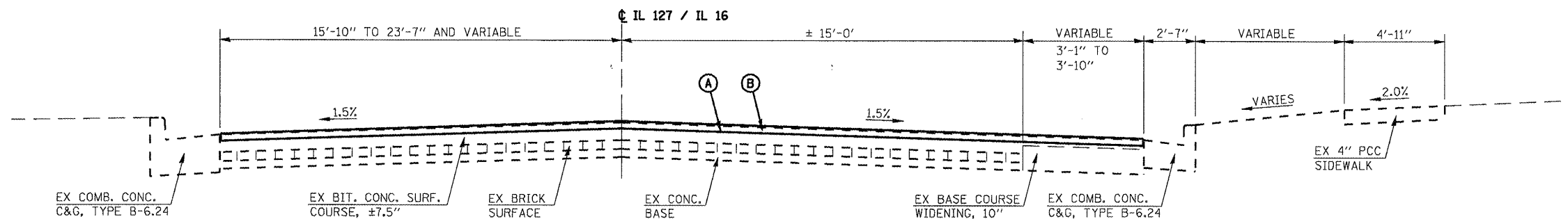
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**	•	MONTGOMERY	60	6
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



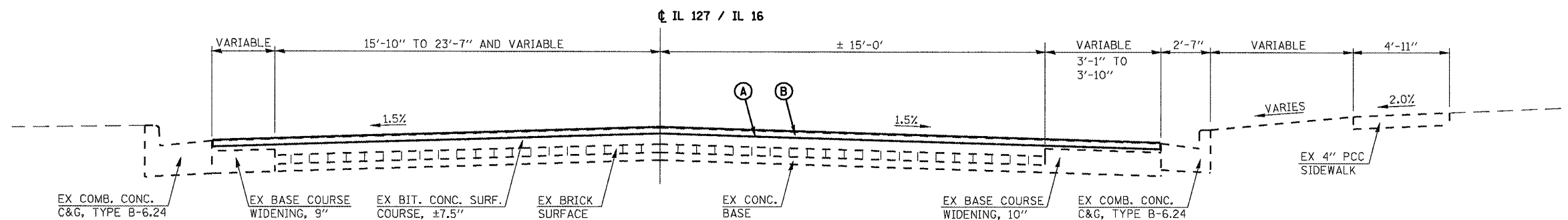
PARALLEL PARKING DETAIL
STA. 36+23.70 LT TO 37+61.64 LT

TYPICAL CROSS SECTION
STA. 36+23.70 TO STA. 37+99.30

LEGEND	
(A)	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
(B)	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH



TYPICAL CROSS SECTION
STA. 37+99.30 TO STA. 40+03.20



TYPICAL CROSS SECTION
STA. 40+03.20 TO STA. 41+51.70

•-20RS-7, 21RS-6, 104RS, 105RS-4
••-325, 42

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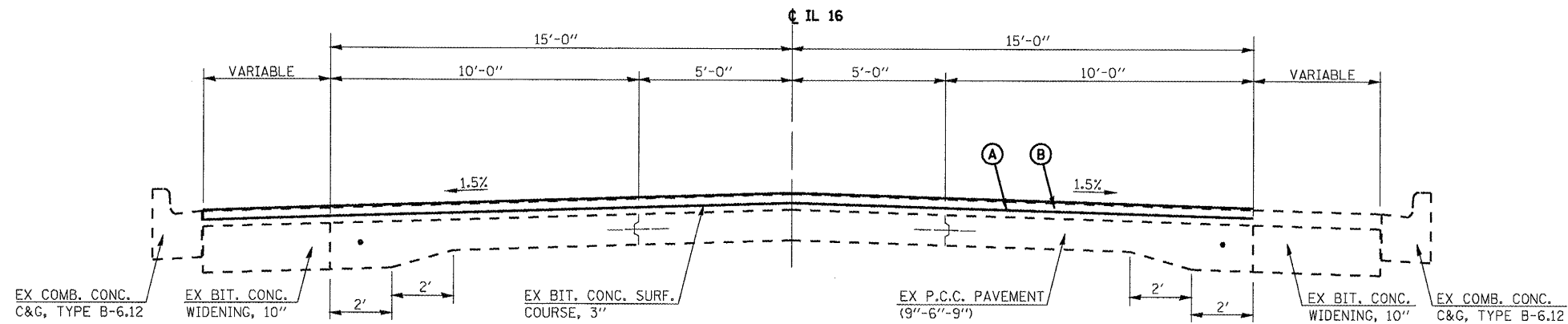
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DATE - 3-10-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
IL 16 / IL 127

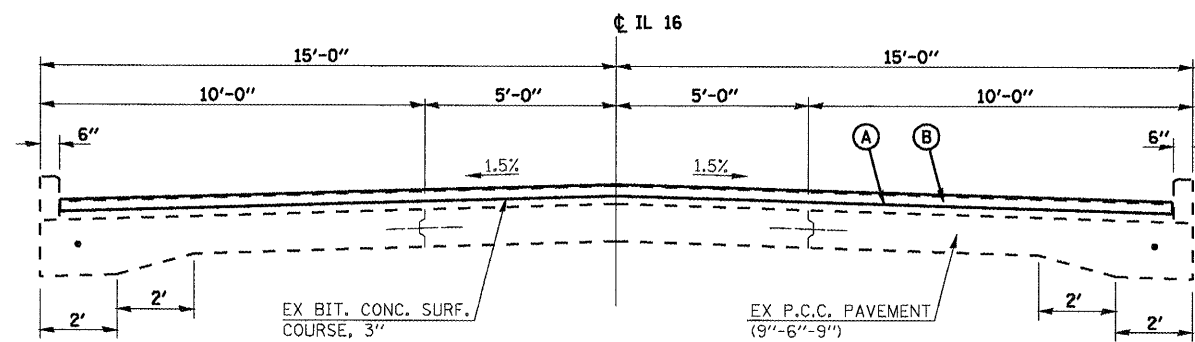
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	7
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



TYPICAL CROSS SECTION
 STA. 43+57 TO STA. 46+07

LEGEND	
(A)	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
(B)	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH



TYPICAL CROSS SECTION
 STA. 46+07 TO STA. 50+00
 STA. EQUATION:
 50+00 BACK = 00+00 AHEAD
 STA. 00+00 TO STA. 9+84.08
 BRIDGE OMISSION:
 STA. 9+84.08 TO STA. 10+83.69
 STA. 10+83.69 TO STA. 44+57.00

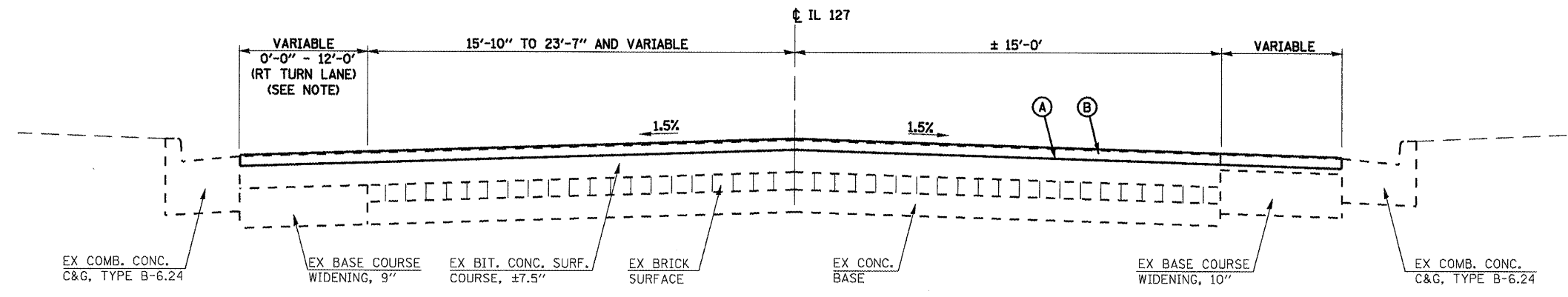
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 #-325, 42

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

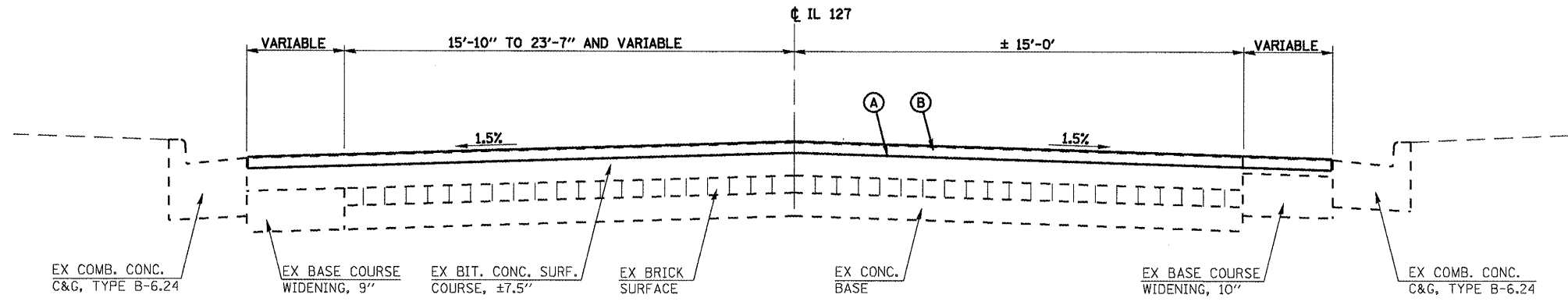
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IL 16 (SCHOOL STREET)	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	8
			CONTRACT NO. 72CS2	
ILLINOIS FED. AID PROJECT				



TYPICAL CROSS SECTION
STA. 0+00.00 TO STA. 03+39.85

LEGEND	
(A)	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
(B)	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH



TYPICAL CROSS SECTION
STA. 03+39.85 TO STA. 12+43.05

•-20RS-7, 21RS-6, 104RS, 105RS-4
••-325, 42

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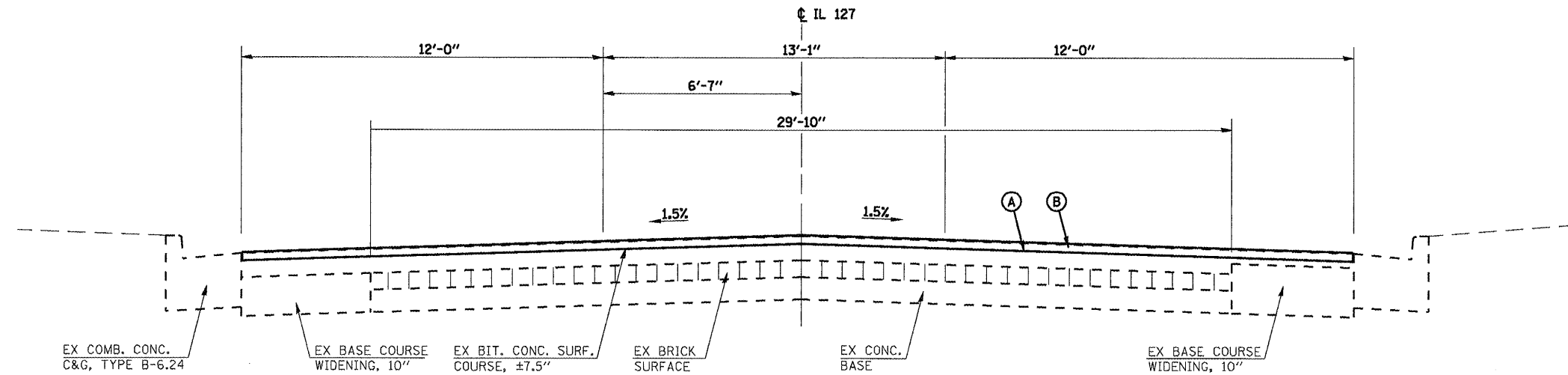
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DATE -	3-10-10	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

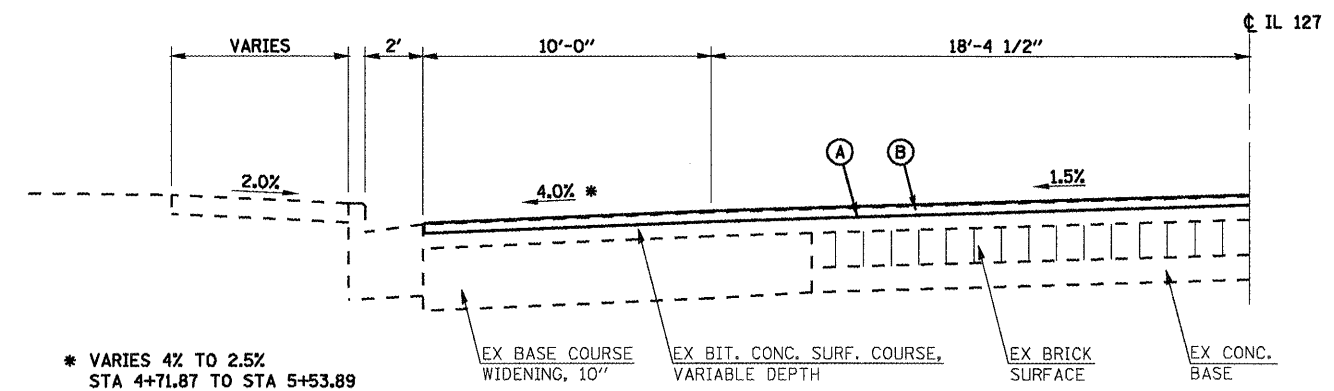
TYPICAL CROSS SECTIONS
IL 127

SCALE: SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	9
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



TYPICAL CROSS SECTION
 STA. 12+43.05 TO STA. 40+80.79



* VARIES 4% TO 2.5%
 STA 4+71.87 TO STA 5+53.89

PARALLEL PARKING DETAIL
 STA. 04+43.21 TO STA. 06+47.39

LEGEND	
(A)	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
(B)	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH

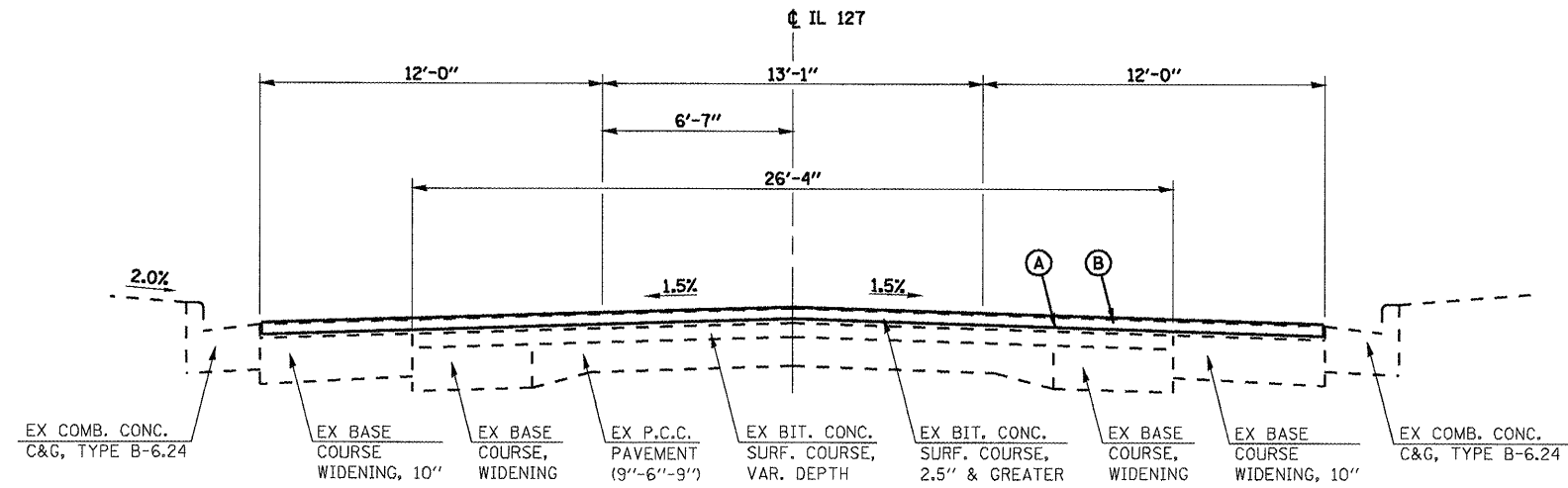
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		CHECKED -	REVISED -
		DATE - 3-10-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS			
IL 127			
SCALE:	SHEET NO. 5 OF 8 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	10
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

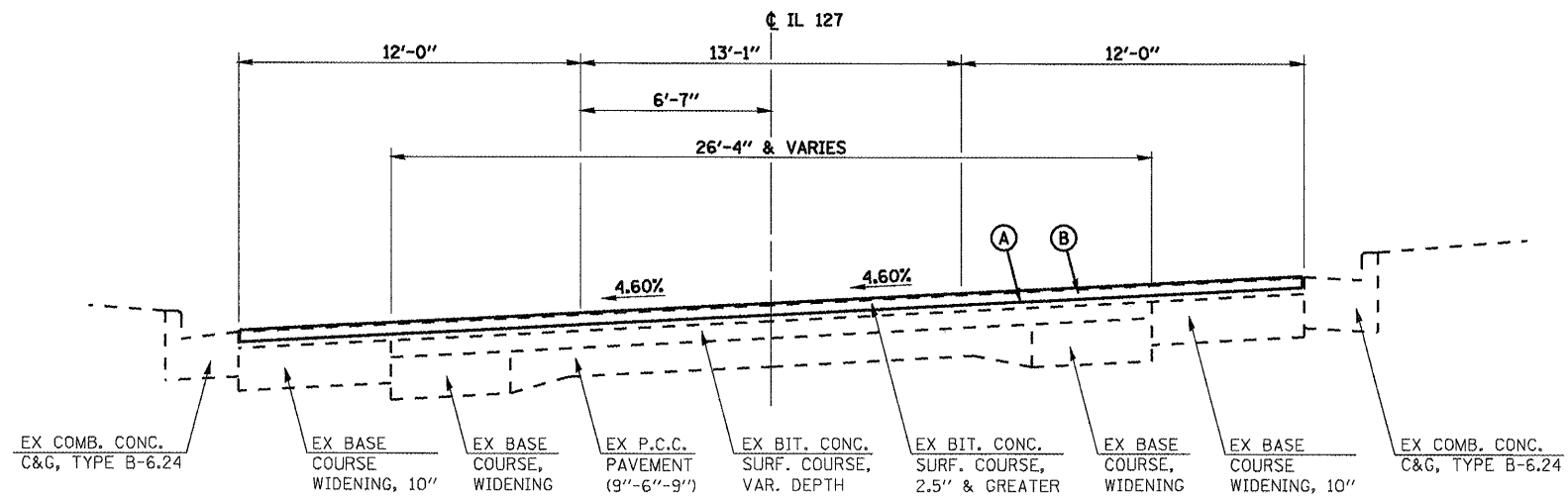
*-20RS-T, 21RS-6, 104RS, 105RS-4
 **-325, 42



NOTES:
 SUPERELEVATION TRANSITION:
 STA. 45+60.48 TO STA. 47+77.02

TYPICAL CROSS SECTION
 STA. 40+80.79 TO STA. 47+22.34

LEGEND	
Ⓐ	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
Ⓑ	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH



NOTES:
 SUPERELEVATION TRANSITION:
 STA. 45+60.48 TO STA. 47+77.02

TYPICAL CROSS SECTION
 STA. 47+22.34 TO STA. 50+08.02

20RS-7, 21RS-6, 104RS, 105RS-4
 **325, 42

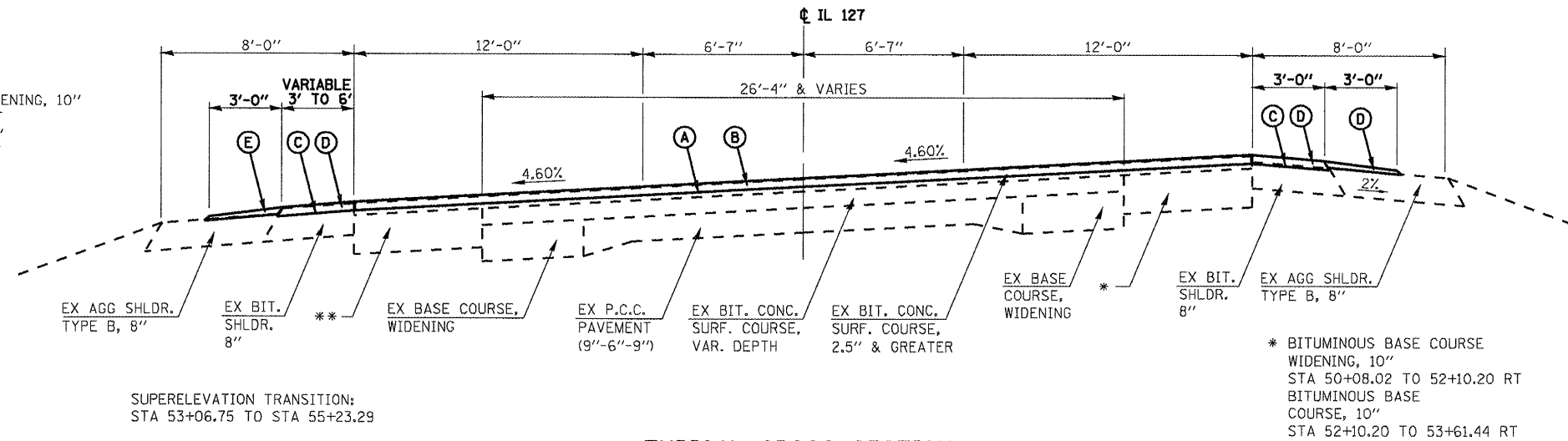
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

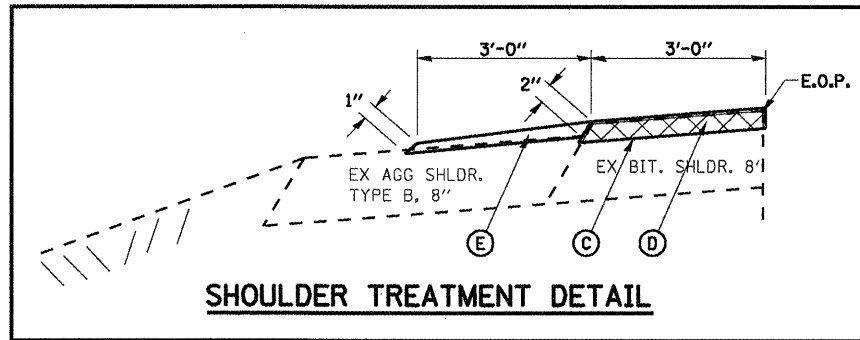
TYPICAL CROSS SECTIONS			
IL 127			
SCALE:	SHEET NO. 6 OF 8 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	11
CONTRACT NO. 72052			ILLINOIS FED. AID PROJECT	

** EXISTING CONCRETE PAVEMENT
 STA 52+83.98 TO 53+61.44
 BITUMINOUS BASE COURSE WIDENING, 10"
 STA 50+08.02 TO 52+06.14 LT
 BITUMINOUS BASE COURSE, 10"
 STA 52+06.14 TO 52+83.98 LT

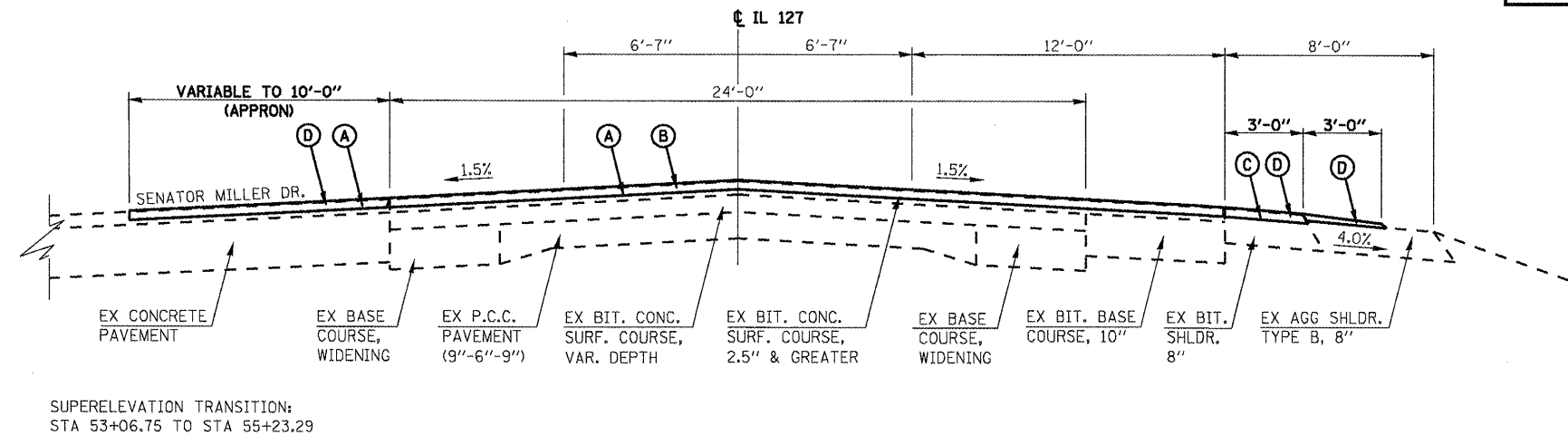


TYPICAL CROSS SECTION
 STA. 50+08.02 TO STA. 53+61.44



SHOULDER TREATMENT DETAIL

LEGEND	
(A)	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
(B)	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH
(C)	PROPOSED PAVED SHOULDER REMOVAL (2" DEPTH)
(D)	PROPOSED INCIDENTAL HMA SURFACING (2" DEPTH)
(E)	PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B (1.5" AVG. DEPTH)



TYPICAL CROSS SECTION
 STA. 53+61.44 TO STA. 54+80.83

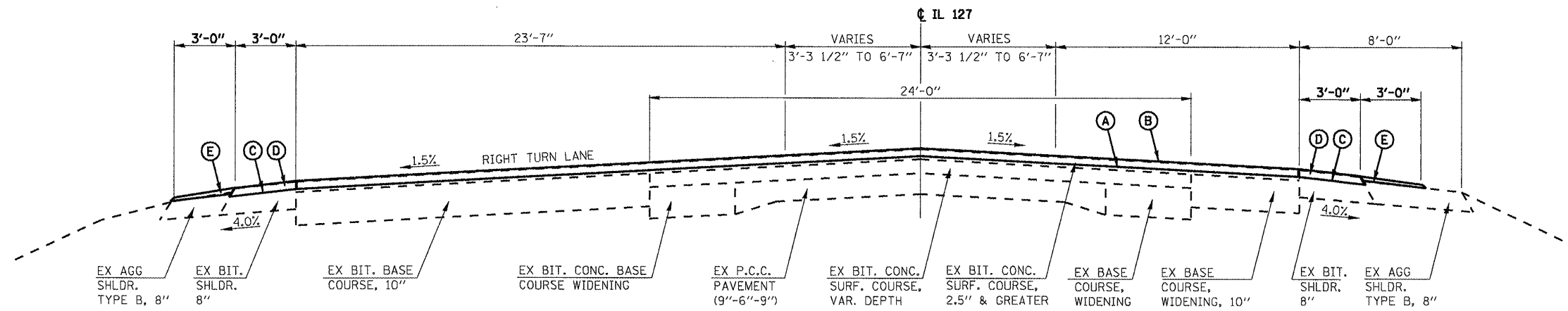
#-20RS-7, 21RS-6, 104RS, 105RS-4
 #-325, 42

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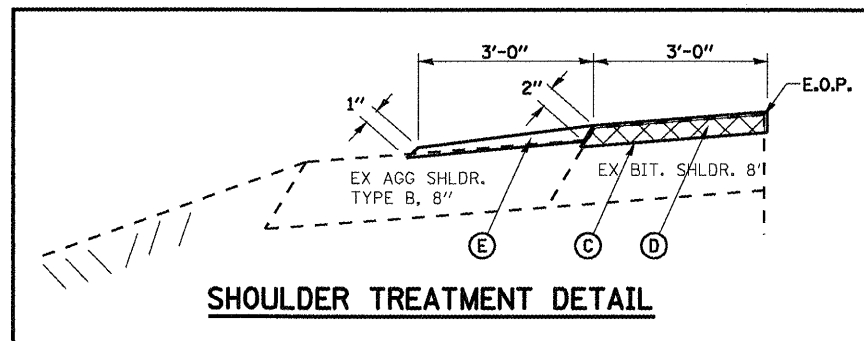
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS IL 127	
SCALE:	SHEET NO. 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	12
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



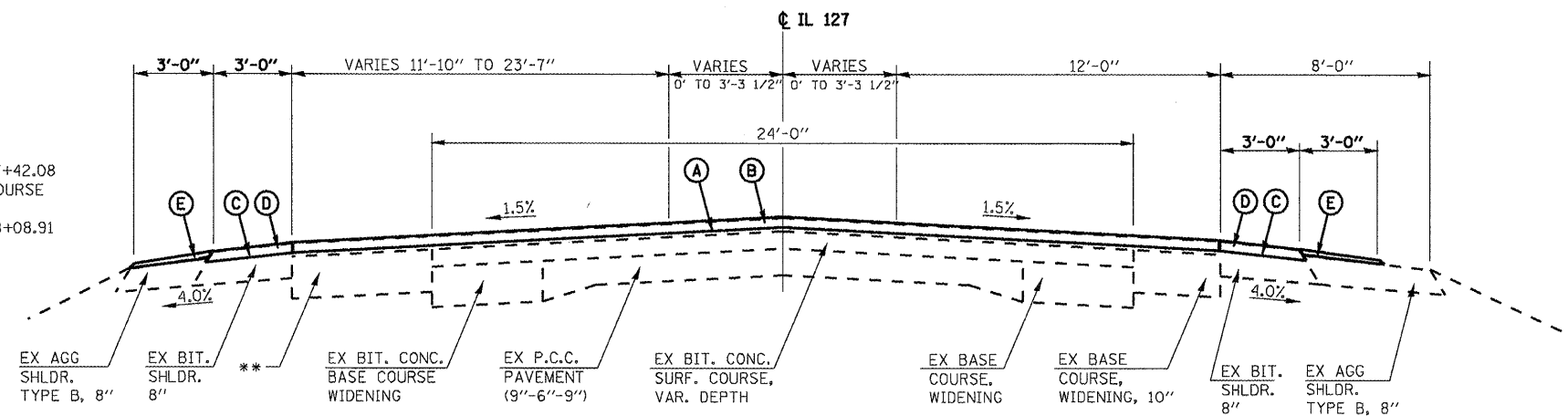
TYPICAL CROSS SECTION
STA. 54+80.83 TO STA. 56+44.87



SHOULDER TREATMENT DETAIL

LEGEND	
(A)	PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
(B)	PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2" DEPTH
(C)	PROPOSED PAVED SHOULDER REMOVAL (2" DEPTH)
(D)	PROPOSED INCIDENTAL HMA SURFACING (2" DEPTH)
(E)	PROPOSED AGGREGATE SHOULDER WEDGE, TYPE B (1.5" AVG. DEPTH)

** BITUMINOUS BASE COURSE, 10"
 STA 56+44.87 TO 57+42.08
 BITUMINOUS BASE COURSE WIDENING, 10"
 STA 57+42.08 TO 58+08.91



TYPICAL CROSS SECTION
STA. 56+44.87 TO STA. 58+08.91

•-20RS-7, 21RS-6, 104RS, 105RS-4
 **-32S, 42

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS	
IL 127	
SCALE:	SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	13
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

PAVEMENT PATCHING					
LOCATION	PATCH SIZE (FT X FT)	PATCH DEPTH (INCH)	PATCH SIZE (SQ YD)	PATCH TYPE (I, II, III, IV)	PATCH CLASS (A, B, C, OR D)
IL 16 / IL 127 (WOOD ST. TO JUNCTION OF IL 16 / IL 127)					
NO PATCHING					
IL 16 (JUNCTION OF IL 16 / IL 127 TO INDUSTRIAL PARK DRIVE)					
EASTBOUND LANE, EDGE OF PAVEMENT	200 X 4	12	88.9	IV	*
EASTBOUND LANE, EDGE OF PAVEMENT	6 X 40	12	26.7	IV	*
EAST BOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	15 X 6	12	9.0	II	*
WESTBOUND LANE	8 X 12	12	10.7	II	*
WESTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
WESTBOUND LANE	12 X 12	12	16.0	III	*
WESTBOUND LANE	20 X 12	12	26.7	IV	*
BRIDGE					
WESTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	12 X 6	12	8.0	II	*
PRESTON STREET					
EASTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
WESTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
WESTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
WESTBOUND LANE	6 X 12	12	8.0	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
WESTBOUND LANE	12 X 6	12	8.0	II	*
WESTBOUND LANE	12 X 6	12	8.0	II	*
WESTBOUND LANE	6 X 6	12	4.0	I	*
WESTBOUND LANE	6 X 6	12	4.0	I	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
WESTBOUND LANE	6 X 6	12	4.0	I	*
EASTBOUND LANE	10 X 12	12	13.3	II	*
WESTBOUND LANE	8 X 12	12	10.7	II	*
EASTBOUND LANE	6 X 12	12	8.0	II	*
WESTBOUND LANE	4 X 6	12	2.7	I	*
IL 16 (INDUSTRIAL PARK DRIVE TO ± 500' EAST OF VIADUCT)					
EASTBOUND LANE	6 X 6	10	4.0	I	C
EASTBOUND LANE	6 X 12	10	8.0	II	C
WESTBOUND LANE	6 X 12	10	8.0	II	C
EASTBOUND LANE	6 X 12	10	8.0	II	C
EASTBOUND LANE	6 X 12	10	8.0	II	C
WESTBOUND LANE	6 X 12	10	8.0	II	C
EASTBOUND LANE	6 X 12	10	8.0	II	C
EASTBOUND LANE	6 X 12	10	8.0	II	C
IL 127 (JUNCT. OF IL 16 / IL 127 TO ±500' NORTH OF R.R. OVERPASS)					
SOUTHBOUND LANE	4 X 12	15	5.3	II	*
SOUTHBOUND LANE	4 X 12	15	5.3	II	*
SOUTHBOUND TURN LANE	4 X 12	15	5.3	II	*
SOUTHBOUND LANE	8 X 4	15	3.6	I	*
SOUTHBOUND LANE	4 X 6	15	2.7	I	*
NORTHBOUND LANE (WITH WATER VALVE)	4 X 4	15	1.8	I	*
SOUTHBOUND LANE	4 X 12	15	5.3	II	*
NORTHBOUND LANE (WITH WATER VALVE)	4 X 12	15	5.3	II	*
GRAND TOTALS =			463.3 SQ YD		

* - CONTRACTORS OPTION (CLASS C OR D)

PATCHING PAY ITEM QUANTITIES:	
CLASS C PATCHES, TYPE I, 10"	= 4.0 SQ YD
CLASS C PATCHES, TYPE II, 10"	= 56.0 SQ YD
PAVEMENT PATCHING TYPE I, 12"	= 14.7 SQ YD
PAVEMENT PATCHING TYPE I, 15"	= 8.1 SQ YD
PAVEMENT PATCHING TYPE II, 12"	= 195.7 SQ YD
PAVEMENT PATCHING TYPE II, 15"	= 26.5 SQ YD
PAVEMENT PATCHING TYPE III, 12"	= 16.0 SQ YD
PAVEMENT PATCHING TYPE IV, 12"	= 142.3 SQ YD
TOTAL PATCHING	= 463.3 SQ YD

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	MARKER REMOVAL (EACH)
IL RTE. 16 / IL RTE. 127	68
IL RTE. 16	67
IL RTE. 127	266
TOTALS = 401 EACH	

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USER NAME = laughlinr1
DESIGNED - RTS
DRAWN - RTS
CHECKED - RTS
DATE - 3-10-10

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES
SCALE: SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
MONTGOMERY 60 14
CONTRACT NO. 72C52
ILLINOIS FED. AID PROJECT

*-20RS-7, 21RS-6, 104RS, 105RS-4
**-325, 42

HOT-MIX ASPHALT SURFACE REMOVAL, 2" (FOR MAINLINE IL 16/127, IL 16, & IL 127)		
LOCATION (STATION TO STATION)	SURFACE AREA (BY CADD) (SQUARE FOOT)	SURFACE AREA (SQUARE YARD)
IL RTE. 16 / IL RTE. 127		
27+86.08 TO 28+81.79	2,549.2	283.2
28+81.79 TO 33+00.00	11,328.5	1,258.7
33+00.00 TO 34+42.93	7,370.2	818.9
34+42.93 TO 36+08.04	8,003.6	889.3
38+19.85 TO 10+82.02 (MAIN ST.)	9,069.2	1,007.7
38+19.85 TO 40+46.77	9,002.6	1,000.3
40+46.77 TO 41+51.70	4,578.8	508.8
SUB-TOTALS =	51,902.1	5,766.9
IL RTE. 16		
43+84.77 TO 44+86.08	6,254.3	694.9
44+86.08 TO 47+00.00	7,195.6	799.5
47+00.00 TO 50+00.00	8,989.5	998.8
STATION EQUATION:		
50+00.00 (BK.) = 00+00.00 (AHD.)		
00+00.00 TO 02+50.00	7,197.0	799.7
02+50.00 TO 08+00.00	16,061.0	1,784.6
08+00.00 TO 9+84.08	5,437.2	604.1
BRIDGE OMISSION:		
9+84.08 TO 10+83.69		
10+83.69 TO 13+50.00	7,796.4	866.3
13+50.00 TO 19+00.00	16,017.5	1,779.7
19+00.00 TO 24+50.00	16,249.9	1,805.5
24+50.00 TO 30+00.00	16,045.7	1,782.9
30+00.00 TO 35+50.00	16,040.0	1,782.2
35+50.00 TO 41+00.00	16,156.8	1,795.2
41+00.00 TO 44+57.00	10,492.6	1,165.8
SUB-TOTALS =	149,933.6	16,659.3
IL RTE. 127		
00+00.00 TO 00+75.00	3,469.9	385.5
00+75.00 TO 06+50.00	23,337.0	2,593.0
06+50.00 TO 12+00.00	20,210.6	2,245.6
12+00.00 TO 17+50.00	20,907.4	2,323.0
17+50.00 TO 23+00.00	20,213.5	2,245.9
23+00.00 TO 28+50.00	20,223.3	2,247.0
28+50.00 TO 34+00.00	20,160.8	2,240.1
34+00.00 TO 39+50.00	20,210.5	2,245.6
39+50.00 TO 45+00.00	20,213.3	2,245.9
45+00.00 TO 50+50.00	20,179.3	2,242.1
50+50.00 TO 56+00.00	22,512.8	2,501.4
56+00.00 TO 58+08.91	7,298.7	811.0
SUB-TOTALS =	218,937.1	24,326.3
PARKING LANES		
ALONG IL RTE. 127 & MAIN ST.	3,315.5	368.4
ALONG IL RTE. 127	2,072.0	230.2
SUB-TOTALS =	5,387.4	598.6
GRAND TOTALS =	426,160.2 SQ FT	47,351.2 SQ YD

HOT-MIX ASPHALT SURFACE REMOVAL, 2" (FOR SIDEROADS)		
LOCATION (STATION TO STATION)	SURFACE AREA (BY CADD) (SQUARE FOOT)	SURFACE AREA FOR REMOVAL (SQUARE YARD)
IL RTE. 16 / IL RTE. 127		
WOOD ST. (EAST)	937.6	104.2
WOOD ST. (WEST)	812.2	90.3
TILSON STREET	1,411.9	156.9
MILL STREET	682.5	75.8
PLEASANT STREET	610.4	67.8
SUB-TOTALS =	4,454.6	495.0
IL RTE. 16		
PRESTON STREET	637.7	74.9
ECCLES STREET (SOUTH)	778.4	86.5
ANNA STREET	834.8	92.8
SUB-TOTALS =	2,286.9	254.1
IL RTE. 127		
EAST TREMONT STREET	1,485.9	165.1
WEST TREMONT STREET	1,075.0	119.4
SUMMER STREET (EAST)	1,293.6	143.7
SUMMER STREET (WEST)	1,291.8	143.5
JEFFERSON LANE	859.6	95.5
EAST FAIRGROUNDS AVENUE	2,598.7	288.7
WEST FAIRGROUNDS AVENUE	2,736.1	304.0
VANDALIA STREET	1,201.2	133.5
ROUNTREE STREET	2,314.2	257.1
EAST MECHANIC STREET	2,320.4	257.8
HILLTOP ROAD	986.1	109.6
IDA STREET (10' APPRON)	644.0	71.6
HUBER STREET (10' APPRON)	665.3	73.9
FIRST STREET	1,508.5	167.6
EAST WILLOW AVENUE (10' APPRON)	2,590.8	287.9
SENATOR MILLER DRIVE (10' APPRON)	3,136.9	348.9
SUB-TOTALS =	26,708.1	2,967.6
GRAND TOTALS =	33,449.6 SQ FT	3,716.7 SQ YD

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (FOR SIDEROADS)		
LOCATION	SURFACE AREA (BY CADD) (SQUARE FOOT)	SURFACE AREA FOR REMOVAL (SQUARE YARD)
IL RTE. 16		
ROUNTREE STREET (NORTH)	996.1	110.7
ROUNTREE STREET (SOUTH)	899.0	99.9
CHASE STREET	867.6	96.4
LAKEVIEW DRIVE	216.0	24.0
LEVA STREET (10' APPRON)	783.9	87.1
VIRGINIA STREET (NORTH)	265.2	29.5
VIRGINIA STREET (SOUTH)	836.1	92.9
ALLEY	97.8	10.9
PARK STREET	1,018.8	113.2
CENTRE STREET	861.1	95.7
TOTALS =	6,841.6 SQ FT	760.2 SQ YD

**20RS-7, 21RS-6, 104RS, 105RS-4
**325, 42

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET NO. 2 OF 8 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	15
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

PAVED SHOULDER REMOVAL (2' DEPTH) (BITUMINOUS SHOULDERS ON IL RTE. 127)			
LOCATION (STATION)	DISTANCE (FOOT)	WIDTH (FOOT)	SURFACE AREA (SQ YARD)
IL RTE. 127			
50+04.67 TO 52+36.00 LT	231.33	3	70.3
52+36.00 TO 53+61.00 LT	125.00	3' TO 6'	67.8
54+54.00 TO 54+80.00 LT	26	4' TO 3'	10.1
54+80.00 TO 58+08.91 LT	328.91	3	109.6
50+23.57 TO 51+62.11 RT	138.54	3	46.2
51+82.71 TO 53+03.43 RT	120.72	3	40.3
53+46.79 TO 55+33.60 RT	186.81	3	62.3
55+54.39 TO 58+08.91 RT	254.52	3	84.8
GRAND TOTALS =			491.4 SQ YD

INCIDENTAL HOT-MIX ASPHALT SURFACING, 2" DEPTH (BITUMINOUS SHOULDERS ON IL RTE. 127)						
LOCATION (STATION)	DISTANCE (FOOT)	WIDTH (FOOT)	SURFACE AREA (SQ YARD)	INCIDENTAL HMA SURFACE COURSE, 2" (TON)	AGGREGATE PRIME COAT (TON)	BITUMINOUS PRIME COAT (TON)
IL RTE. 127						
50+04.67 TO 52+36.00 LT	231.33	3	70.3	7.9	0.14	0.03
52+36.00 TO 53+61.00 LT	125.00	3' TO 6'	67.8	7.6	0.14	0.03
54+54.00 TO 54+80.00 LT	26	4' TO 3'	10.1	1.1	0.02	0.01
54+80.00 TO 58+08.91 LT	328.91	3	109.6	12.3	0.22	0.04
50+23.57 TO 51+62.11 RT	138.54	3	46.2	5.2	0.09	0.02
51+82.71 TO 53+03.43 RT	120.72	3	40.3	4.5	0.08	0.02
53+46.79 TO 55+33.60 RT	186.81	3	62.3	7.0	0.12	0.03
55+54.39 TO 58+08.91 RT	254.52	3	84.8	9.5	0.17	0.03
GRAND TOTALS =			491.4 SQ YD	55.1 TONS	0.98 TONS	0.20 TONS

AGGREGATE WEDGE, TYPE B (SHOULDERS ON IL RTE. 127)						
LOCATION (STATION)	DISTANCE (FOOT)	WIDTH (FOOT)	SURFACE AREA (SQ FT)	AVERAGE DEPTH (INCH)	VOLUME (CU YD)	AGGREGATE WEDGE, TYPE B (TON)
IL RTE. 127						
50+04.67 TO 53+61.00 LT	356.33	3	1,068.99	1.5	4.95	10.1
54+54.00 TO 58+08.91 LT	354.91	3	1,064.73	1.5	4.93	10.1
50+23.57 TO 51+62.11 RT	138.54	3	415.62	1.5	1.92	3.9
51+82.71 TO 53+03.43 RT	120.72	3	362.16	1.5	1.68	3.4
53+46.79 TO 55+33.60 RT	186.81	3	560.43	1.5	2.59	5.3
55+54.39 TO 58+08.91 RT	254.52	3	763.56	1.5	3.54	7.3
GRAND TOTALS =			4,235.49 SQ FT		19.61 CU YD	40.2 TONS

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N 70, 2" FOR MAINLINE					
LOCATION (STATION TO STATION)	SURFACE AREA (BY CADD) (SQ FT)	SURFACE AREA (SQ YD)	2" HOT-MIX ASPHALT SURFACE COURSE (TON)	AGGREGATE PRIME COAT (TON)	BITUMINOUS PRIME COAT (TON)
IL RTE. 16 / IL RTE. 127					
27+86.08 TO 28+81.79	2,549.2	283.2	31.7	0.6	0.1
28+81.79 TO 33+00.00	11,328.5	1,258.7	141.0	2.5	0.5
33+00.00 TO 34+42.93	7,370.2	818.9	91.7	1.6	0.3
34+42.93 TO 36+08.04	8,003.6	889.3	99.6	1.8	0.3
38+19.85 TO 10+82.02 (MAIN ST.)	9,069.2	1,007.7	112.9	2.0	0.4
38+19.85 TO 40+46.77	9,002.6	1,000.3	112.0	2.0	0.4
40+46.77 TO 41+51.70	4,578.8	508.8	57.0	1.0	0.2
SUB-TOTALS =	51,902.1	5,766.9	645.9	11.6	2.2
IL RTE. 16					
43+84.77 TO 44+86.08	6,254.3	694.9	77.8	1.4	0.3
44+86.08 TO 47+00.00	7,195.6	799.5	89.5	1.6	0.3
47+00.00 TO 50+00.00	8,989.5	998.8	111.9	2.0	0.4
STATION EQUATION:					
50+00.00 (BK.) = 00+00.00 (AHD.)					
00+00.00 TO 02+50.00	7,197.0	799.7	89.6	1.6	0.3
02+50.00 TO 08+00.00	16,061.0	1,784.6	199.9	3.6	0.7
08+00.00 TO 9+84.08	5,437.2	604.1	67.7	1.2	0.2
BRIDGE OMISSION:					
9+84.08 TO 10+83.69					
10+83.69 TO 13+50.00	7,796.4	866.3	97.0	1.7	0.3
13+50.00 TO 19+00.00	16,017.5	1,779.7	199.3	3.6	0.7
19+00.00 TO 24+50.00	16,249.9	1,805.5	202.2	3.6	0.7
24+50.00 TO 30+00.00	16,045.7	1,782.9	199.7	3.6	0.7
30+00.00 TO 35+50.00	16,040.0	1,782.2	199.6	3.6	0.7
35+50.00 TO 41+00.00	16,156.8	1,795.2	201.1	3.6	0.7
41+00.00 TO 44+57.00	10,492.6	1,165.9	130.6	2.3	0.5
SUB-TOTALS =	149,933.6	16,659.3	1,865.9	33.3	6.4
IL RTE. 127					
00+00.00 TO 00+75.00	3,469.9	385.5	43.2	0.8	0.1
00+75.00 TO 06+50.00	23,337.0	2,593.0	290.4	5.2	1.0
06+50.00 TO 12+00.00	20,210.6	2,245.6	251.5	4.5	0.9
12+00.00 TO 17+50.00	20,907.4	2,323.0	260.2	4.6	0.9
17+50.00 TO 23+00.00	20,213.5	2,245.9	251.5	4.5	0.9
23+00.00 TO 28+50.00	20,223.3	2,247.0	251.7	4.5	0.9
28+50.00 TO 34+00.00	20,160.8	2,240.1	250.9	4.5	0.9
34+00.00 TO 39+50.00	20,210.5	2,245.6	251.5	4.5	0.9
39+50.00 TO 45+00.00	20,213.3	2,245.9	251.5	4.5	0.9
45+00.00 TO 50+50.00	20,179.3	2,242.1	251.1	4.5	0.9
50+50.00 TO 56+00.00	22,512.8	2,501.4	280.2	5.0	1.0
56+00.00 TO 58+08.91	7,298.7	811.0	90.8	1.6	0.3
SUB-TOTALS =	218,937.1	24,326.3	2,724.6	48.7	9.2
PARKING LANES					
ALONG IL RTE. 127 & MAIN ST.	3,315.5	368.4	41.3	0.7	0.1
ALONG IL RTE. 127	2,072.0	230.2	25.8	0.5	0.1
SUB-TOTALS =	5,387.4	598.6	67.0	1.2	0.2
GRAND TOTALS =	426,160.2 SQ FT	47,351.1 SQ YD	5,303.3 TONS	94.7 TONS	18.0 TONS

FILE NAME = USER NAME = laughlinr1
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 PLOT SCALE = 1/8"=1'-0" / IN.
 PLOT DATE = Mar-26-2010 11:59:17AM

DESIGNED - RTS
 DRAWN - RTS
 CHECKED - RTS
 DATE - 3-10-10

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 3 OF 8 SHEETS STA. TO STA.

*-20RS-7, 21RS-6, 104RS, 105RS-4
 **-325, 42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**		MONTGOMERY	60	16
CONTRACT NO. T2C52				
ILLINOIS FED. AID PROJECT				

INCIDENTAL HOT-MIX ASPHALT SURFACING, 2" DEPTH FOR SIDEROADS

LOCATION (SIDEROADS)	SURFACE AREA (BY CADD) (SQUARE FOOT)	SURFACE AREA (SQUARE YARD)	INCIDENTAL HMA SURFACE COURSE, 2" (TON)	AGGREGATE PRIME COAT (TON)	BITUMINOUS PRIME COAT (TON)
IL RTE. 16 / IL RTE. 127					
WOOD STREET (EAST)	937.6	104.2	11.7	0.21	0.04
WOOD STREET (EAST)	812.2	90.2	10.1	0.18	0.03
TILSON STREET	1,411.9	156.9	17.6	0.31	0.06
MILL STREET	682.5	75.8	8.5	0.15	0.03
PLEASANT STREET	610.4	67.8	7.6	0.14	0.03
SUB-TOTALS =	4,454.6	495.0	55.4	0.99	0.19
IL RTE. 16					
ROUNTREE STREET (NORTH)	996.1	110.7	12.4	0.22	0.04
ROUNTREE STREET (SOUTH)	899.0	99.9	11.2	0.20	0.04
CHASE STREET	867.6	96.4	10.8	0.19	0.04
LAKEVIEW DRIVE	216.0	24.0	2.7	0.05	0.01
CRITTENDEN STREET	NO WORK	0.0	0.0	0.00	0.00
PRESTON STREET	673.7	74.9	8.4	0.15	0.03
ECCLES STREET (NORTH)	NO WORK	0.0	0.0	0.00	0.00
ECCLES STREET (SOUTH)	778.4	86.5	9.7	0.17	0.03
LEVA STREET	783.9	87.1	9.8	0.17	0.03
ANNA STREET	834.8	92.8	10.4	0.19	0.04
VIRGINIA STREET (NORTH)	265.2	29.5	3.3	0.06	0.01
VIRGINIA STREET (SOUTH)	836.1	92.9	10.4	0.19	0.04
ALLEY	97.8	10.9	1.2	0.02	0.00
PARK STREET	1,018.8	113.2	12.7	0.23	0.04
CENTRE STREET	861.1	95.7	10.7	0.19	0.04
SUB-TOTALS =	9,128.5	1,014.3	113.6	2.03	0.39
IL RTE. 127					
EAST TREMONT STREET	1,485.9	165.1	18.5	0.33	0.06
WEST TREMONT STREET	1,075.0	119.4	13.4	0.24	0.05
SUMMER STREET (EAST)	1,293.6	143.7	16.1	0.29	0.05
SUMMER STREET (WEST)	1,291.8	143.5	16.1	0.29	0.05
JEFFERSON LANE	859.6	95.5	10.7	0.19	0.04
EAST FAIRGROUNDS AVENUE	2,598.7	288.7	32.3	0.58	0.11
WEST FAIRGROUNDS AVENUE	2,736.1	304.0	34.0	0.61	0.12
VANDALIA STREET	1,201.2	133.5	14.9	0.27	0.05
ROUNTREE STREET	2,314.2	257.1	28.8	0.51	0.10
EAST MECHANIC STREET	2,320.4	257.8	28.9	0.52	0.10
HILLTOP ROAD	986.1	109.6	12.3	0.22	0.04
IDA STREET	644.0	71.6	8.0	0.14	0.03
HUBER STREET	665.3	73.9	8.3	0.15	0.03
FIRST STREET	1,508.5	167.6	18.8	0.34	0.06
EAST WILLOW AVENUE	2,590.8	287.9	32.2	0.58	0.11
SENATOR MILLER DRIVE	3,136.9	348.5	39.0	0.70	0.13
SUB-TOTALS =	26,708.1	2,967.6	332.4	5.94	1.13
GRAND TOTALS =	40,291.2 SQ FT	4,476.8 SQ YD	501.4 TONS	8.95 TONS	1.70 TONS

TEMPORARY RAMPS

LOCATION	RAMP LENGTH (FOOT)	SURFACE AREA, 7.0' APPRON (BY CADD) (SQUARE FOOT)	SURFACE AREA (SQUARE YARD)
IL RTE. 16 / IL RTE. 127			
BEGINNING OF PROJECT	27	189.0	21.0
WOOD ST. (EAST)	30	210.0	23.3
WOOD ST. (WEST)	20	140.0	15.6
TILSON STREET	18	126.0	14.0
MAIN STREET	30	210.0	23.3
MILL STREET	19	133.0	14.8
PLEASANT STREET	28	196.0	21.8
SUB-TOTALS =	172	1,204.0	133.8
IL RTE. 16			
ROUNTREE STREET (NORTH)	28	196.0	21.8
ROUNTREE STREET (SOUTH)	30	210.0	23.3
CHASE STREET	27	189.0	21.0
LAKEVIEW DRIVE	11	77.0	8.6
WEST SIDE OF STRUCTURE	29	203.0	22.6
EAST SIDE OF STRUCTURE	29	203.0	22.6
CRITTENDEN STREET	0	0.0	0.0
PRESTON STREET	27	189.0	21.0
ECCLES STREET (NORTH)	0	0.0	0.0
ECCLES STREET (SOUTH)	25	175.0	19.4
LEVA STREET	30	210.0	23.3
ANNA STREET	28	196.0	21.8
VIRGINIA STREET (NORTH)	24	168.0	18.7
VIRGINIA STREET (SOUTH)	25	175.0	19.4
ALLEY	11	77.0	8.6
PARK STREET	36	252.0	28.0
CENTRE STREET	25	175.0	19.4
END OF PROJECT	29	203.0	22.6
SUB-TOTALS =	414	2,898.0	322.0
IL RTE. 127			
EAST TREMONT STREET	32	224.0	24.9
WEST TREMONT STREET	20	140.0	15.5
SUMMER STREET (EAST)	24	168.0	18.7
SUMMER STREET (WEST)	24	168.0	18.7
JEFFERSON LANE	18	126.0	14.0
EAST FAIRGROUNDS AVENUE	24	168.0	18.7
WEST FAIRGROUNDS AVENUE	24	168.0	18.7
VANDALIA STREET	13	91.0	10.1
ROUNTREE STREET	32	224.0	24.9
EAST MECHANIC STREET	24	168.0	18.7
HILLTOP ROAD	27	189.0	21.0
IDA STREET	34	238.0	26.4
HUBER STREET	36	252.0	28.0
FIRST STREET	25	175.0	19.4
EAST WILLOW AVENUE	29	203.0	22.6
SENATOR MILLER DRIVE	42	294.0	32.7
END OF PROJECT	23	161.0	17.9
SUB-TOTALS =	451	3,157.0	350.8
GRAND TOTALS=	1,037 FEET	7,259.0 SQ FT	806.6 SQ YD

*-20RS-7, 21RS-6, 104RS, 105RS-4
**--325, 42

FILE NAME =	USER NAME = laughl1nr1	DESIGNED - RTS	REVISED -
e:\pwork\PIWID01\LAUGHLINRL\10105356\	72C52-sht-schedule.dgn	DRAWN - RTS	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED - RTS	REVISED -
	PLOT DATE = Mar-26-2010 11:59:20AM	DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET NO. 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	17
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	

THERMOPLASTIC PAVEMENT MARKING - LINE 5"

LOCATION (STATION)	DESCRIPTION	QUANTITY (FOOT)
IL RT. 16 / IL RTE. 127		
27+86.08 TO 28+10.60	DOUBLE CENTERLINE, YELLOW	49
28+81.79 TO 41+17.33	DOUBLE CENTERLINE, YELLOW	2,471
TILSON STREET	DOUBLE CENTERLINE, YELLOW	72
IL RTE. 16		
44+12.96 TO 46+71.88	DOUBLE CENTERLINE, YELLOW	518
41+95.00 TO 44+57.00	DOUBLE CENTERLINE, YELLOW	524
IL RTE. 127		
00+54.80 TO 01+12.10	MEDIAN DOUBLE EDGE LINES, YELLOW	230
01+12.10 TO 03+59.24	MEDIAN EDGE LINES, YELLOW	494
01+12.10 TO 03+59.24	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	120
04+35.34 TO 05+30.68, LEFT	PARKING LANE LINE, WHITE	95
05+82.30 TO 06+25.16, LEFT	PARKING LANE LINE, WHITE	43
04+43.05 TO 07+61.70	MEDIAN EDGE LINES, YELLOW	638
04+43.05 TO 07+61.70	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	160
08+52.25 TO 12+77.88	MEDIAN EDGE LINES, YELLOW	852
08+52.25 TO 12+77.88	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	200
12+77.88 TO 14+33.73	MEDIAN DOUBLE EDGE LINES, YELLOW	625
14+33.73 TO 15+56.87	DOUBLE CENTERLINE, YELLOW	247
16+73.64 TO 17+98.76	DOUBLE CENTERLINE, YELLOW	251
17+98.76 TO 19+52.60	MEDIAN DOUBLE EDGE LINES, YELLOW	616
19+52.60 TO 20+26.40	MEDIAN EDGE LINES, YELLOW	148
19+52.60 TO 20+26.40	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	40
21+15.30 TO 21+94.90	MEDIAN EDGE LINES, YELLOW	159
21+15.30 TO 21+94.90	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	40
21+94.90 TO 23+22.85	MEDIAN DOUBLE EDGE LINES, YELLOW	512
23+22.85 TO 24+24.56	DOUBLE CENTERLINE, YELLOW	204
25+08.40 TO 26+09.50	DOUBLE CENTERLINE, YELLOW	203
26+09.50 TO 26+80.50	MEDIAN DOUBLE EDGE LINES, YELLOW	284
26+80.50 TO 33+00.00	MEDIAN EDGE LINES, YELLOW	1,239
26+80.50 TO 33+00.00	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	300
33+88.36 TO 35+92.23	MEDIAN EDGE LINES, YELLOW	408
33+88.36 TO 35+92.23	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	100
36+59.07 TO 39+00.00	MEDIAN EDGE LINES, YELLOW	482
36+59.07 TO 39+00.00	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	120
39+82.77 TO 43+92.23	MEDIAN EDGE LINES, YELLOW	819
39+82.77 TO 43+92.23	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	200
44+79.35 TO 49+53.00	MEDIAN EDGE LINES, YELLOW	948
44+79.35 TO 49+53.00	MEDIAN SKIP-DASH (30' -10') LINES, YELLOW	240
50+07.58 TO 53+87.00	LEFT PAVEMENT EDGE LINE, WHITE	385
50+36.41 TO 53+75.00	DOUBLE CENTERLINE, YELLOW	678
50+36.41 TO 58+08.91	RIGHT PAVEMENT EDGE LINE, WHITE	772
54+46.90 TO 58+08.91	MEDIAN DOUBLE EDGE LINES, YELLOW	1,448
54+80.45 TO 58+08.91	LEFT PAVEMENT EDGE LINE, WHITE	329

TOTAL = 18,263 FEET

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"

LOCATION (STATION OR ROAD)	DESCRIPTION	QUANTITY (FOOT)
IL RTE. 16		
46+71.88 TO 50+00.00	CENTERLINE (30' SKIP - 10' DASH), YELLOW	90
STATION EQUATION: 50+00.00 BK. = 00+00.00 AHD.		
00+00.00 TO 9+84.08	CENTERLINE (30' SKIP - 10' DASH), YELLOW	250
BRIDGE OMISSION: 9+84.08 TO 10+83.69		
10+83.69 TO 44+57.00	CENTERLINE (30' SKIP - 10' DASH), YELLOW	780
GRAND TOTAL = 1,120 FEET		

*-20RS-7, 21RS-6, 104RS, 105RS-4
**-325, 42

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
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PLOT SCALE = 100.0000' / IN.		CHECKED - RTS	REVISED -
PLOT DATE = Mar-26-2010 11:59:22AM		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET NO. 5 OF 8 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	18
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	

PERFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"		
LOCATION (STATION OR ROAD)	DESCRIPTION	QUANTITY (FOOT)
IL RT. 16 / IL RTE. 127		
33+40.00 TO 34+30.00	6' SKIP - 2' DASH LINE, WHITE	32.0
38+38.75 TO 39+58.00	6' SKIP - 2' DASH LINE, WHITE	30.0
39+58.00 TO 41+17.33	LEFT TURN LANE LINE, WHITE	157.3
41+27.33	PEDESTRIAN CROSSWALK (2 @ 42.4'), WHITE	84.8
WOOD STREET (EAST)	PEDESTRIAN CROSSWALK (32.0', 30.5'), WHITE	62.5
WOOD STREET (WEST)	PEDESTRIAN CROSSWALK (31.5', 24.0'), WHITE	55.5
PLEASANT STREET	PEDESTRIAN CROSSWALK (22.5', 20.0'), WHITE	42.5
SUB-TOTALS =		464.6
IL RTE. 16		
43+86	PEDESTRIAN CROSSWALK (2 @ 36.4'), WHITE	72.8
44+00, RIGHT	PEDESTRIAN CROSSWALK (20.8' & 19.6'), WHITE	40.4
44+00, LEFT	PEDESTRIAN CROSSWALK (20.8' & 20.1'), WHITE	40.9
44+33.45 TO 45+71.63	TURN LANE LINE, WHITE	138.2
45+71.63 TO 46+71.88	6' SKIP - 2' DASH LINE, WHITE	26.0
ROUNTREE STREET (NORTH)	PEDESTRIAN CROSSWALK (31.5', 38.0'), WHITE	69.5
ROUNTREE STREET (SOUTH)	PEDESTRIAN CROSSWALK (32.0', 37.0'), WHITE	69.0
CHASE STREET	PEDESTRIAN CROSSWALK (29.5', 35.0'), WHITE	64.5
PRESTON STREET	PEDESTRIAN CROSSWALK (23.0', 25.0'), WHITE	48.0
ECCLES STREET (SOUTH)	PEDESTRIAN CROSSWALK (26.0', 30.5'), WHITE	56.5
LEVA STREET	PEDESTRIAN CROSSWALK (31.0', 31.0'), WHITE	62.0
ANNA STREET	PEDESTRIAN CROSSWALK (28.0', 32.5'), WHITE	60.5
VIRGINIA STREET (SOUTH)	PEDESTRIAN CROSSWALK (26.5', 37.0'), WHITE	63.5
PARK STREET	PEDESTRIAN CROSSWALK (36.5', 42.5'), WHITE	79.0
CENTRE STREET	PEDESTRIAN CROSSWALK (28.0', 37.0'), WHITE	65.0
SUB-TOTALS =		955.8
IL RTE. 127		
00+54.80 TO 01+84.10	RIGHT TURN LANE LINE, WHITE	129.3
01+84.10 TO 03+40.00	6' SKIP - 2' DASH LINE, WHITE	39.0
12+87.73 TO 14+33.73	6' SKIP - 2' DASH LINE, WHITE	36.5
14+33.73 TO 15+56.87	LEFT TURN LANE LINE, WHITE	123.1
16+65.00	PEDESTRIAN CROSSWALK (49.5' & 47.0'), WHITE	96.5
16+73.64 TO 17+98.76	LEFT TURN LANE LINE, WHITE	125.1
17+98.76 TO 19+52.60	6' SKIP - 2' DASH LINE, WHITE	38.5
21+94.90 TO 23+22.85	6' SKIP - 2' DASH LINE, WHITE	32.0
23+22.85 TO 24+24.56	LEFT TURN LANE LINE, WHITE	101.7
25+08.40 TO 26+09.50	LEFT TURN LANE LINE, WHITE	101.1
26+09.50 TO 26+80.50	6' SKIP - 2' DASH LINE, WHITE	18.0
50+36.41 TO 51+45.18	LEFT TURN LANE LINE, WHITE	108.8
51+45.18 TO 52+73.12	6' SKIP - 2' DASH LINE, WHITE	128.0
52+73.12 TO 53+75.00	LEFT TURN LANE LINE, WHITE	25.5
54+47.15 TO 56+44.30	RIGHT TURN LANE LINE, WHITE	197.2
56+44.30 TO 58+08.91	6' SKIP - 2' DASH LINE, WHITE	41.2
EAST TREMONT STREET	PEDESTRIAN CROSSWALK (35.5', 41.0'), WHITE	76.5
WEST TREMONT STREET	PEDESTRIAN CROSSWALK (22.5', 28.5'), WHITE	51.0
SUMMER STREET (EAST)	PEDESTRIAN CROSSWALK (32.5', 41.0'), WHITE	73.5
SUMMER STREET (WEST)	PEDESTRIAN CROSSWALK (33.5', 43.0'), WHITE	76.5
JEFFERSON LANE	PEDESTRIAN CROSSWALK (21.5', 25.0'), WHITE	46.5
EAST FAIRGROUNDS AVENUE	PEDESTRIAN CROSSWALK (49.5', 60.5'), WHITE	110.0
VANDALIA STREET	PEDESTRIAN CROSSWALK (47.0', 64.5'), WHITE	111.5
ROUNTREE STREET	PEDESTRIAN CROSSWALK (62.5', 79.0'), WHITE	141.5
HILLTOP ROAD	PEDESTRIAN CROSSWALK (40.0', 55.5'), WHITE	95.5
SUB-TOTALS =		2,124
GRAND TOTAL = 3,544.4 FEET		

PERFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"		
LOCATION (STATION OR ROAD)	DESCRIPTION	QUANTITY (FOOT)
IL RTE. 16 / IL RTE. 127		
WOOD STREET (EAST)	STOP BAR, WHITE	16.0
WOOD STREET (EAST)	STOP BAR, WHITE	11.0
TILSON STREET	STOP BAR, WHITE	10.0
MILL STREET	NO WORK	0
PLEASANT STREET	STOP BAR, WHITE	11.0
STA. 41+17.33	STOP BAR, WHITE	25.0
SUB-TOTALS =		73.0
IL RTE. 16		
STA. 44+00.00, RT. TURN LANE	STOP BAR, WHITE	17.4
STA. 44+12.96, LT. TURN LANE	STOP BAR, WHITE	10.5
ROUNTREE STREET (NORTH)	STOP BAR, WHITE	13.0
ROUNTREE STREET (SOUTH)	STOP BAR, WHITE	13.0
CHASE STREET	STOP BAR, WHITE	13.0
LAKEVIEW DRIVE	NO WORK	0
CRITTENDEN STREET	NO WORK	0
PRESTON STREET	STOP BAR, WHITE	12.0
ECCLES STREET (NORTH)	NO WORK	0
ECCLES STREET (SOUTH)	STOP BAR, WHITE	12.0
LEVA STREET	STOP BAR, WHITE	14.0
ANNA STREET	STOP BAR, WHITE	13.0
VIRGINIA STREET (NORTH)	NO WORK	0
VIRGINIA STREET (SOUTH)	STOP BAR, WHITE	12.0
ALLEY	NO WORK	0
PARK STREET	STOP BAR, WHITE	16.0
CENTRE STREET	STOP BAR, WHITE	12.0
SUB-TOTALS =		157.9
IL RTE. 127		
STA. 00+40.00, RT. TURN LANE	STOP BAR, WHITE	17.4
STA. 00+54.80	STOP BAR, WHITE	11.8
EAST TREMONT STREET	STOP BAR, WHITE	13.0
WEST TREMONT STREET	STOP BAR, WHITE	10.0
SUMMER STREET (EAST)	STOP BAR, WHITE	12.0
SUMMER STREET (WEST)	STOP BAR, WHITE	12.0
JEFFERSON LANE	STOP BAR, WHITE	10.0
STA. 15+56.87	STOP BAR, WHITE	31.7
STA. 16+73.64	STOP BAR, WHITE	30.5
EAST FAIRGROUNDS AVENUE	STOP BAR, WHITE	12.0
WEST FAIRGROUNDS AVENUE	STOP BAR, WHITE	13.0
VANDALIA STREET	STOP BAR, WHITE	10.0
ROUNTREE STREET	STOP BAR, WHITE	20.0
EAST MECHANIC STREET	STOP BAR, WHITE	22.0
HILLTOP ROAD	STOP BAR, WHITE	12.0
IDA STREET	STOP BAR, WHITE	11.0
HUBER STREET	STOP BAR, WHITE	10.0
FIRST STREET	STOP BAR, WHITE	12.0
EAST WILLOW AVENUE	STOP BAR, WHITE	12.0
SENATOR MILLER DRIVE	STOP BAR, WHITE	32.0
SUB-TOTALS =		285.2
MAIN STREET	STOP BAR, WHITE	16.0
GRAND TOTAL = 532.1 FEET		

FILE NAME =	USER NAME = laughlinc1	DESIGNED - RTS	REVISED -
c:\pwork\PW100\LAUGHLIN\ld0105356\72C52-ah\schedule.dgn		DRAWN - RTS	REVISED -
		CHECKED - RTS	REVISED -
		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES	
SCALE:	SHEET NO. 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	19
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

PAINT PAVEMENT MARKING - LINE 5"		
LOCATION	DISTANCE (FOOT)	QUANTITY (FOOT)
IL RTE. 16 (SCHOOL STREET)		
STA. 44+57 TO STA. 47+90	333.0	666.0
STA. 49+00 TO STA. 51+00	200.0	400.0
		TOTAL = 1066.0 FEET

THERMOPLASTIC PAVEMENT MARKING - LINE 12"		
LOCATION (STATION)	DESCRIPTION	QUANTITY (FOOT)
IL RTE. 16 / IL RTE. 127		
36+69, LEFT (PARKING AREA, FIRE HYDRANT)	12" 45 DEG. DIAGONALS, WHITE	28.8
37+50, LEFT (PARKING LANE)	12" 45 DEG. DIAGONALS, WHITE	12.8
IL RTE. 16 / IL RTE. 127 INTERSECTION		
NORTHEAST ISLAND	12" 45 DEG. DIAGONALS, WHITE	47.3
SOUTHEAST ISLAND	12" 45 DEG. DIAGONALS, WHITE	20.2
IL RTE. 127		
00+54.80 TO 01+12.10 (MEDIAN)	12" 45 DEG. DIAGONALS, YELLOW	39.0
05+30.68, LEFT (PARKING LANE)	12" 45 DEG. DIAGONALS, WHITE	17.1
05+82.30, LEFT (PARKING LANE)	12" 45 DEG. DIAGONALS, WHITE	12.5
06+25.16, LEFT (PARKING LANE)	12" 45 DEG. DIAGONALS, WHITE	17.1
54+46.90 TO 58+08.91 (MEDIAN)	12" 45 DEG. DIAGONALS, YELLOW	128.5
		GRAND TOTAL = 323.3 FEET

THERMOPLASTIC PAVEMENT MARKING - LINE 6"		
LOCATION (STATION)	DESCRIPTION	QUANTITY (FOOT)
IL RT. 16 / IL RTE. 127		
36+59.27, LT. TO 110' NORTH ALONG MAIN ST.	PARKING LANE LINE, WHITE	110.0
36+79.27 TO 37+45.27, LEFT	PARKING LANE LINE, WHITE	66.0
VARIOUS ALONG IL 16/IL127 & MAIN ST.	PARKING SPACE LINE (7 @ 8' LENGTH), WHITE	56.0
37+45.27 TO 37+57.63, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	14.6
37+57.63, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	8.0
IL RTE. 127		
05+30.68, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	9.8
05+30.68 TO 05+40.88, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	14.1
05+72.80 TO 05+82.30, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	13.7
05+82.30, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	9.8
06+25.16, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	9.8
06+25.16 TO 06+35.32, LEFT	PROHIBITED PARKING AREA BORDER LINE, WHITE	14.2
		GRAND TOTAL = 326.0 FEET

THERMOPLASTIC PAVEMENT MARKING - LINE 8"		
LOCATION	DESCRIPTION	QUANTITY (FOOT)
IL RT. 16 / IL RTE. 127		
36+59.27, LEFT	BORDER LINE FOR FIRE HYDRANT, WHITE	8.0
36+59.27 TO 36+79.27, LEFT	BORDER LINE FOR FIRE HYDRANT, WHITE	20.0
36+79.27, LEFT	BORDER LINE FOR FIRE HYDRANT, WHITE	8.0
IL RTE. 16 / IL RTE. 127 INTERSECTION		
NORTHEAST QUADRANT RAISED ISLAND	ISLAND PERIMETER BORDER LINE, WHITE	245.0
SOUTHEAST QUADRANT RAISED ISLAND	ISLAND PERIMETER BORDER LINE, WHITE	179.0
		GRAND TOTAL = 460.0 FEET

SUB-BASE GRANULAR MATERIAL, TYPE A 4"	
LOCATION	QUANTITY (SQ YD)
IL RTE. 16 (SCHOOL STREET)	
UNDER PROPOSED IMPACT ATTENUATOR CONCRETE PADS, ADJACENT TO EAST & WEST SIDES U.P. R.R. VIADUCT	16.3
GRAND TOTAL = 16.3	

*-20RS-7, 21RS-6, 104RS, 105RS-4
**-325, 42

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
e:\pwork\PW100\LAUGHLIN\100105356\0572052-sht-schedule.dgn	PLOT SCALE = 100.0000' / IN.	DRAWN - RTS	REVISED -				**	.	MONTGOMERY	60	20
	PLOT DATE = Mar-26-2010 11:59:26AM	CHECKED - RTS	REVISED -		SCALE:	SHEET NO. 7 OF 8 SHEETS	STA.	TO STA.	CONTRACT NO. 72C52		
		DATE - 3-10-10	REVISED -		ILLINOIS FED. AID PROJECT						

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (15.6 SQ FT)		
LOCATION (STATION)	DESCRIPTION	QUANTITY (SQUARE FOOT)
IL RTE 16 / IL RTE. 127		
39+62	LEFT TURN LANE ARROW, WHITE	15.60
40+92	LEFT TURN LANE ARROW, WHITE	15.60
IL RTE 16		
44+38	LEFT TURN LANE ARROW, WHITE	15.60
44+38	RIGHT TURN LANE ARROW, WHITE	15.60
45+67	RIGHT TURN LANE ARROW, WHITE	15.60
45+67	LEFT TURN LANE ARROW, WHITE	15.60
IL RTE 127		
00+80	RIGHT TURN LANE ARROW, WHITE	15.60
01+36	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
01+68	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
01+80	RIGHT TURN LANE ARROW, WHITE	15.60
03+02	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
03+34	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
04+68	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
05+00	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
05+85	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
06+17	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
07+04	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
07+36	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
08+58	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
08+90	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
10+63	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
10+95	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
12+28	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
12+60	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
14+38	LEFT TURN LANE ARROW, WHITE	15.60
15+31	LEFT TURN LANE ARROW, WHITE	15.60
16+99	LEFT TURN LANE ARROW, WHITE	15.60
17+94	LEFT TURN LANE ARROW, WHITE	15.60
19+75	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
20+07	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
21+32	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
21+64	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
23+27	LEFT TURN LANE ARROW, WHITE	15.60
23+99	LEFT TURN LANE ARROW, WHITE	15.60

PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS (15.6 SQ FT)		
LOCATION (STATION)	DESCRIPTION	QUANTITY (SQUARE FOOT)
IL RTE 127 (CONTINUED)		
25+31	LEFT TURN LANE ARROW, WHITE	15.60
26+05	LEFT TURN LANE ARROW, WHITE	15.60
26+95	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
27+27	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
29+50	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
29+82	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
32+43	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
32+75	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
34+13	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
34+45	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
35+35	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
35+67	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
36+84	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
37+16	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
38+48	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
40+11	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
40+43	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
41+76	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
42+08	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
43+39	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
43+71	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
45+04	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
45+36	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
47+00	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
47+32	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
48+96	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
49+28	MEDIAN DIRECTIONAL ARROW, WHITE	15.60
50+61	LEFT TURN LANE ARROW, WHITE	15.60
51+41	LEFT TURN LANE ARROW, WHITE	15.60
52+78	LEFT TURN LANE ARROW, WHITE	15.60
53+55	LEFT TURN LANE ARROW, WHITE	15.60
54+82	RIGHT TURN LANE ARROW, WHITE	15.60
55+64	RIGHT TURN LANE ARROW, WHITE	15.60
56+40	RIGHT TURN LANE ARROW, WHITE	15.60
TOTAL = 1,060.80 SQ FT		

RAISED REFLECTIVE PAVEMENT MARKERS				
LOCATION (STATION)	ONE-WAY CRYSTAL (EACH)	ONE-WAY AMBER (EACH)	TWO-WAY AMBER (EACH)	MARKER SPACING (FOOT)
IL RTE. 16 / IL RTE. 127				
28+81.79 TO 33+40.00			24	40
33+40.00 TO 37+18.63			36	20
37+18.63 TO 41+17.33			18	40
39+58.00 TO 41+17.33	5			40
IL RTE. 16 (#)				
44+12.96 TO 46+71.88			14	40
44+35.45 TO 45+71.63	4			40
46+71.88 TO 50+00.00			3	80
STATION EQUATION: 50+00.00 BK. = 00+00.00 AHD. 00+00.00 TO 44+57.00				
IL RTE. 127				
00+54.00 TO 01+12.10		6		20
00+54.00 TO 01+84.10	4			40
01+12.10 TO 03+59.24			14	40
04+43.05 TO 07+61.70			16	40
08+52.25 TO 12+77.88			22	40
12+87.73 TO 14+33.73		8		40
14+33.73 TO 15+56.87			6	40
14+33.73 TO 15+56.87	4			40
16+73.64 TO 17+98.76	4			40
16+73.64 TO 17+98.76			6	40
17+98.76 TO 19+52.60		8		40
19+52.60 TO 21+94.90			8	40
21+94.90 TO 23+22.85		8		40
23+22.85 TO 24+24.56	3			40
23+22.85 TO 24+24.56			4	40
25+08.40 TO 26+09.50	3			40
25+08.40 TO 26+80.50			8	40
26+80.50 TO 33+00.00			32	40
33+84.36 TO 35+92.23			10	40
36+59.07 TO 43+92.23			34	40
44+79.35 TO 49+53.00			24	40
50+36.41 TO 53+75.00			18	40
50+36.41 TO 51+45.18	3			40
52+73.12 TO 53+75.00	3			40
54+46.90 TO 54+80.45		4		20
54+80.45 TO 58+08.91		18		40
TOTALS =	33 EACH	52 EACH	346 EACH	

* - BRIDGE OMISSION AT STA. 09+84.08 TO STA. 10+83.69

PIPE HANDRAIL	
LOCATION	QUANTITY (FOOT)
IL RTE. 16 (SCHOOL STREET)	
ALONG THE NORTH SIDE OF THE U. P. R. R. VIADUCT	211.0
GRAND TOTAL = 211.0 FEET	

SIDEWALK REMOVAL	
LOCATION	QUANTITY (SQUARE FOOT)
IL RTE. 16 (SCHOOL STREET)	
NORTHWEST CORNER OF MIDDLE CREEK STRUCTURE	55.5
NORTH SIDEWALK UNDER THE U. P. R. R. VIADUCT	225.7
GRAND TOTAL = 281.2 FEET	

P. C. C. SIDEWALK 4"	
LOCATION	QUANTITY (SQ YD)
IL RTE. 16 (SCHOOL STREET)	
NORTHWEST CORNER OF MIDDLE CREEK STRUCTURE	55.5
NORTH SIDEWALK UNDER THE U. P. R. R. VIADUCT	225.7
GRAND TOTAL = 281.2 SQ YD	

GRATES, TYPE 3	
LOCATION	QUANTITY (EACH)
IL RTE. 16 (SCHOOL STREET)	
NORTHWEST SIDE OF THE U. P. R. R. VIADUCT C&G	1
GRAND TOTAL = 1 EACH	

SUB-BASE GRANULAR MATERIAL, TYPE B 5"	
LOCATION	QUANTITY (SQ YD)
IL RTE. 16 (SCHOOL STREET)	
NORTHWEST CORNER OF MIDDLE CREEK STRUCTURE (UNDER THE PROPOSED SIDEWALK)	6.2
GRAND TOTAL = 6.2 SQ YD	

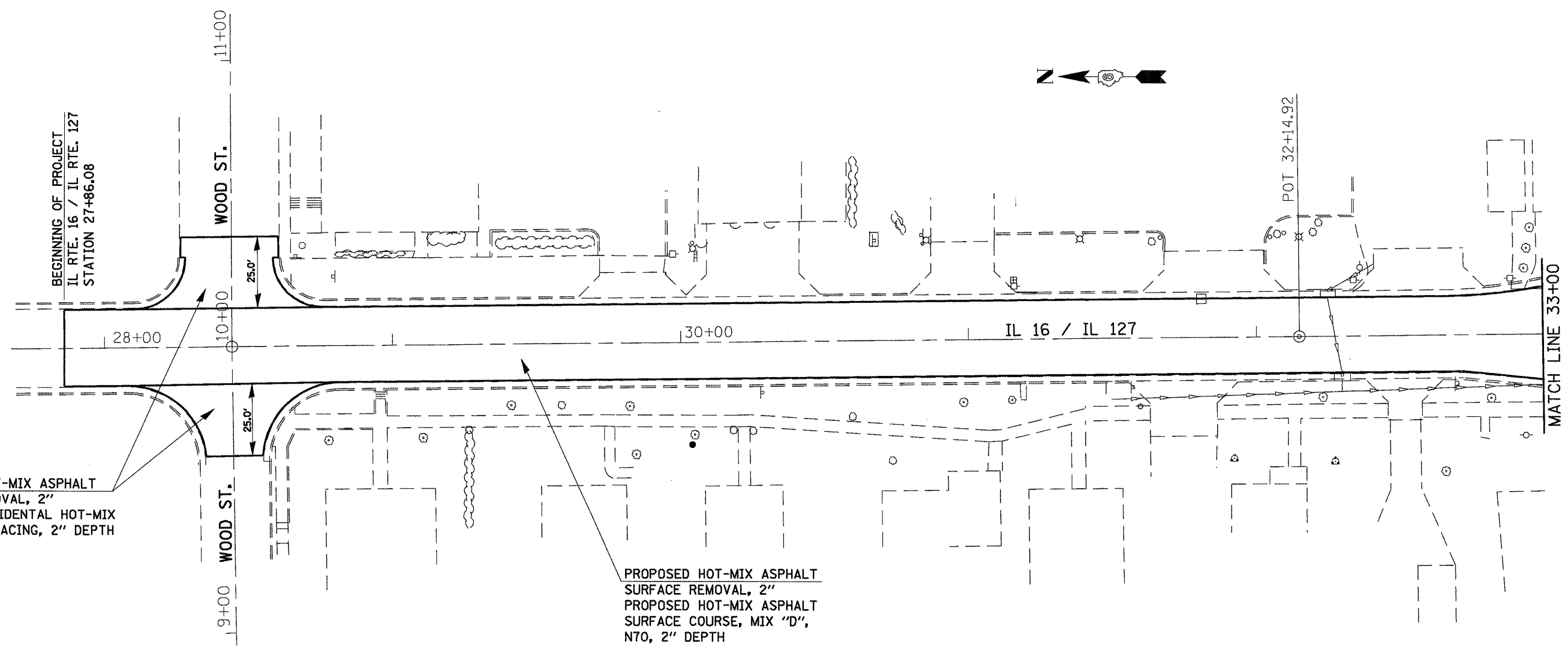
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**-325, 42

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES			
SCALE:	SHEET NO. 8 OF 8 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	21
			CONTRACT NO. 72C52	
ILLINOIS FED. AID PROJECT				



PROPOSED HOT-MIX ASPHALT
SURFACE REMOVAL, 2"
PROPOSED INCIDENTAL HOT-MIX
ASPHALT SURFACING, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
SURFACE REMOVAL, 2"
PROPOSED HOT-MIX ASPHALT
SURFACE COURSE, MIX "D",
N70, 2" DEPTH

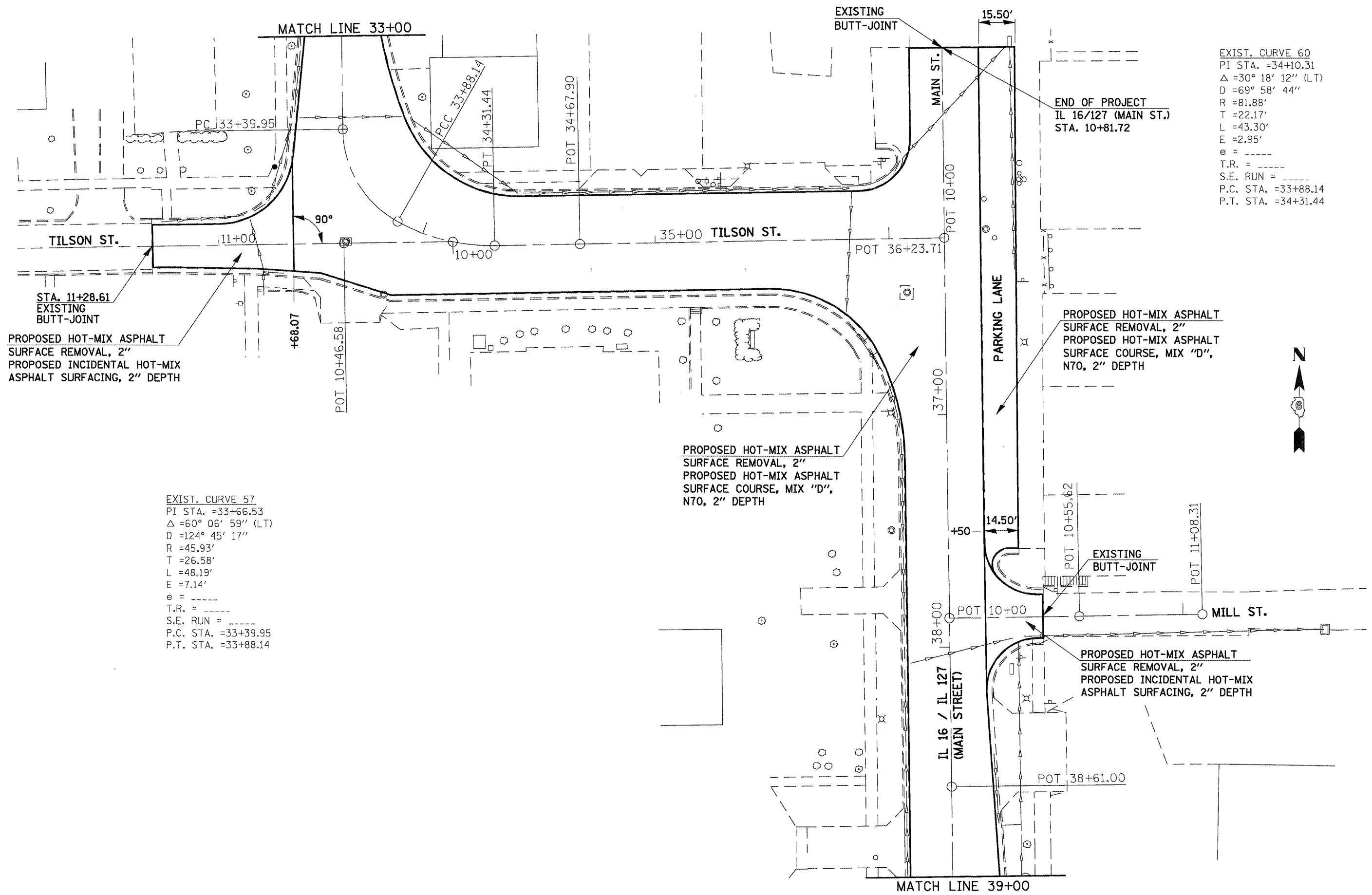
•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 24

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PLOT DATE = Mar-26-2010 11:59:31AM		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO. 1 OF 15 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	22
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72C52	



EXIST. CURVE 60
 PI STA. =34+10.31
 $\Delta = 30^\circ 18' 12''$ (LT)
 $D = 69^\circ 58' 44''$
 $R = 81.88'$
 $T = 22.17'$
 $L = 43.30'$
 $E = 2.95'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. =33+88.14
 P.T. STA. =34+31.44

EXIST. CURVE 57
 PI STA. =33+66.53
 $\Delta = 60^\circ 06' 59''$ (LT)
 $D = 124^\circ 45' 17''$
 $R = 45.93'$
 $T = 26.58'$
 $L = 48.19'$
 $E = 7.14'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. =33+39.95
 P.T. STA. =33+88.14



•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-325, 24

FILE NAME =	USER NAME = loughlinc1	DESIGNED - RTS	REVISED -
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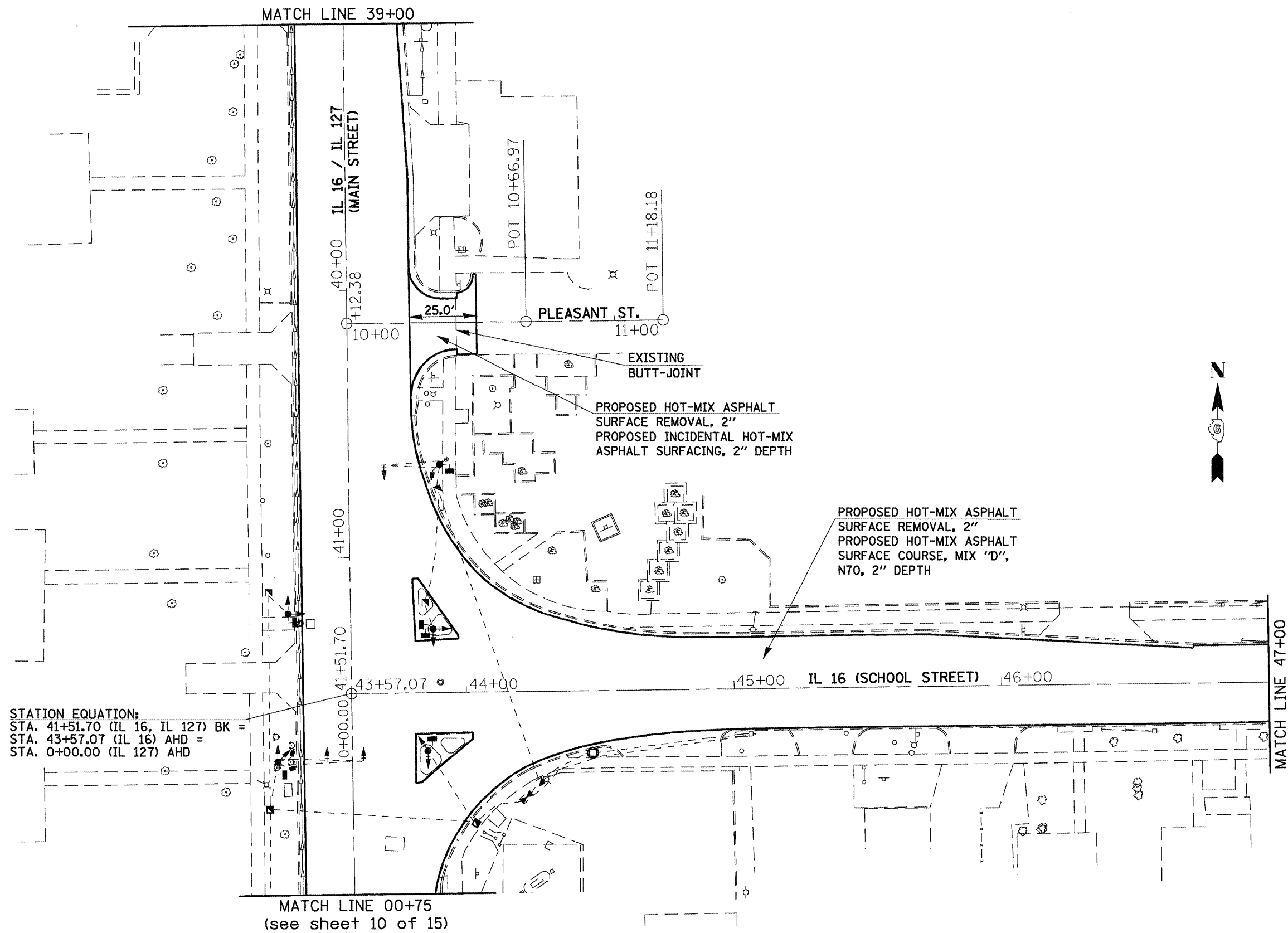
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. 2 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	23
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 72C52



•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 24

FILE NAME =
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USER NAME = laughlinr1
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PLOT DATE = Mar-26-2010 11:59:35AM

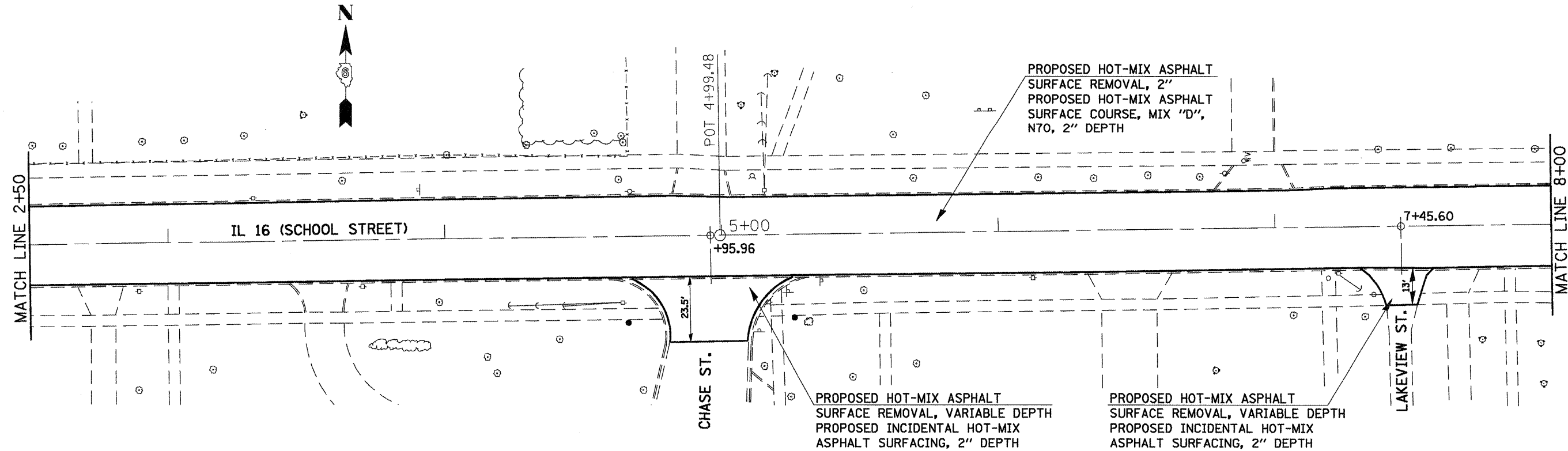
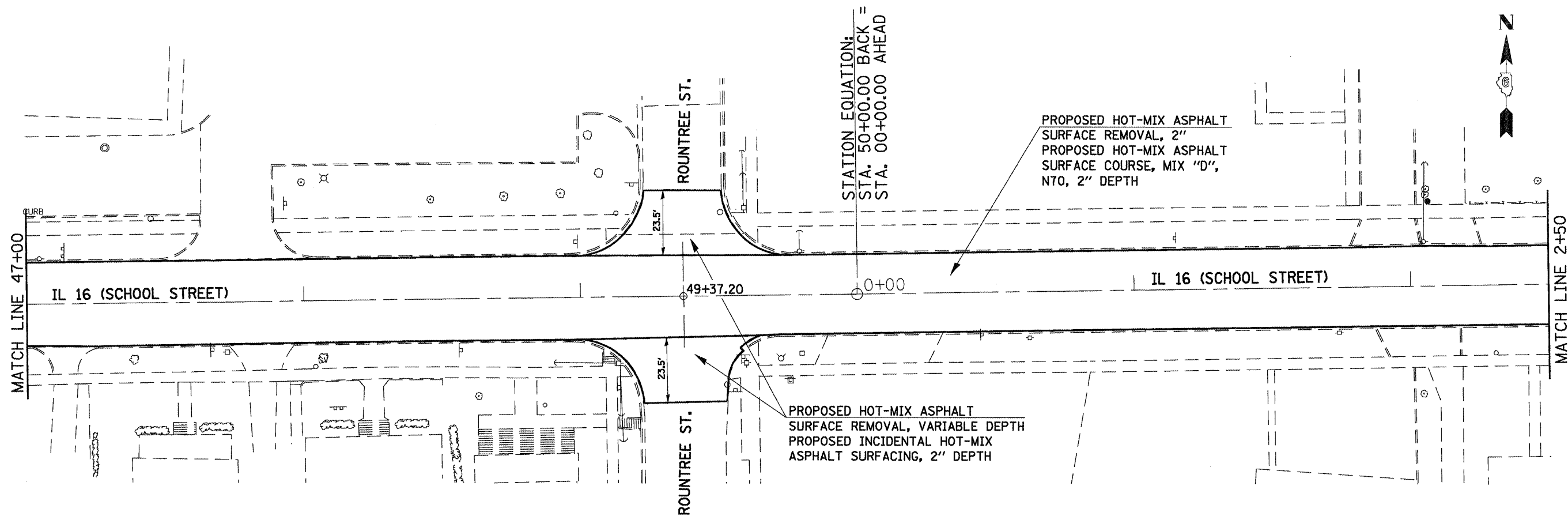
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DRAWN -	RTS	REVISED -	
CHECKED -	RTS	REVISED -	
DATE -	3-10-10	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. 3 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C52	



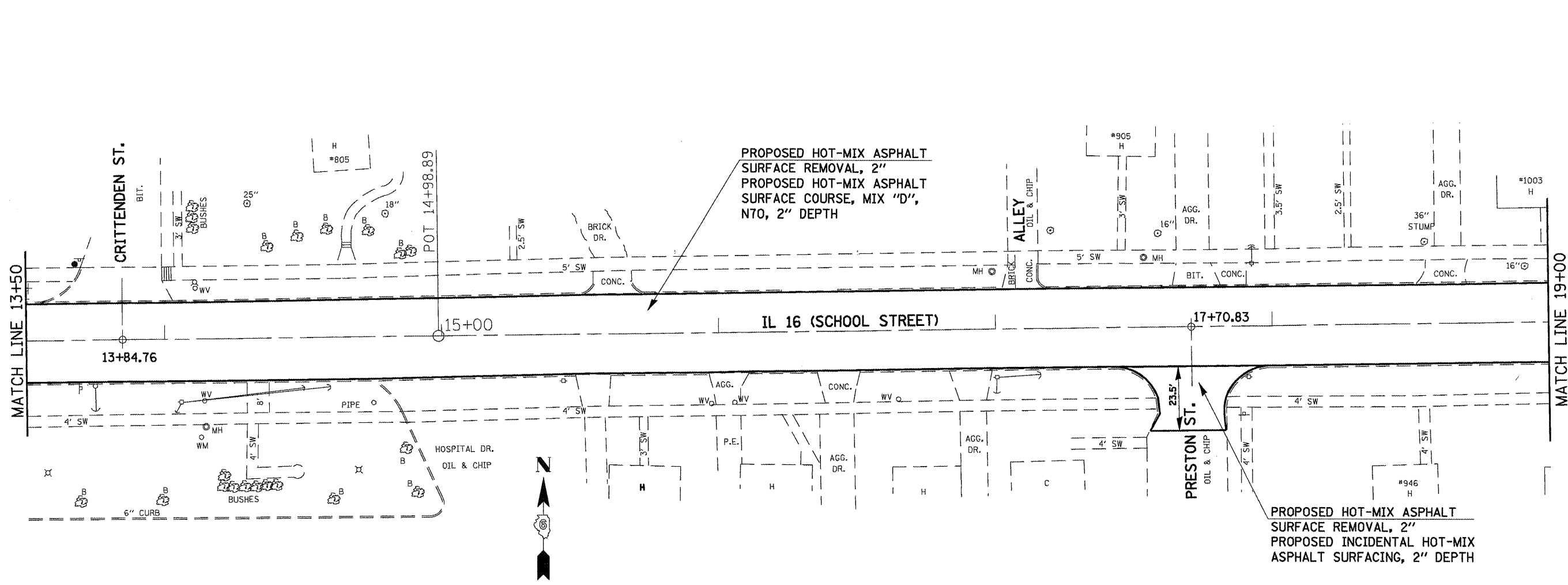
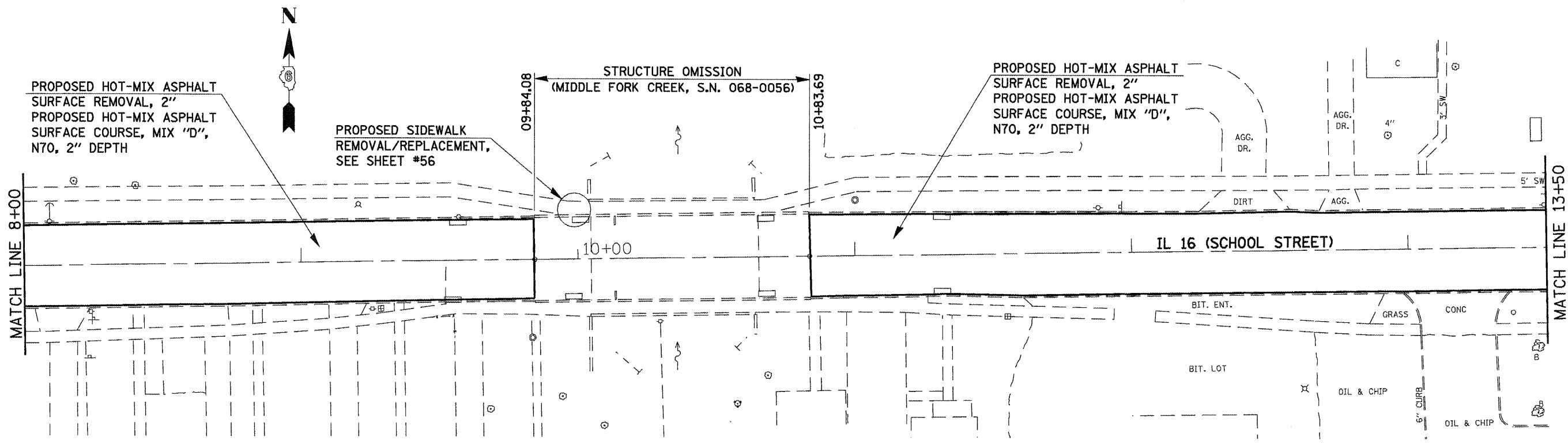
•-20RS-7, 21RS-6, 104RS, 105RS-4
•-32S, 24

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE:	SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C52	



•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-32S, 24

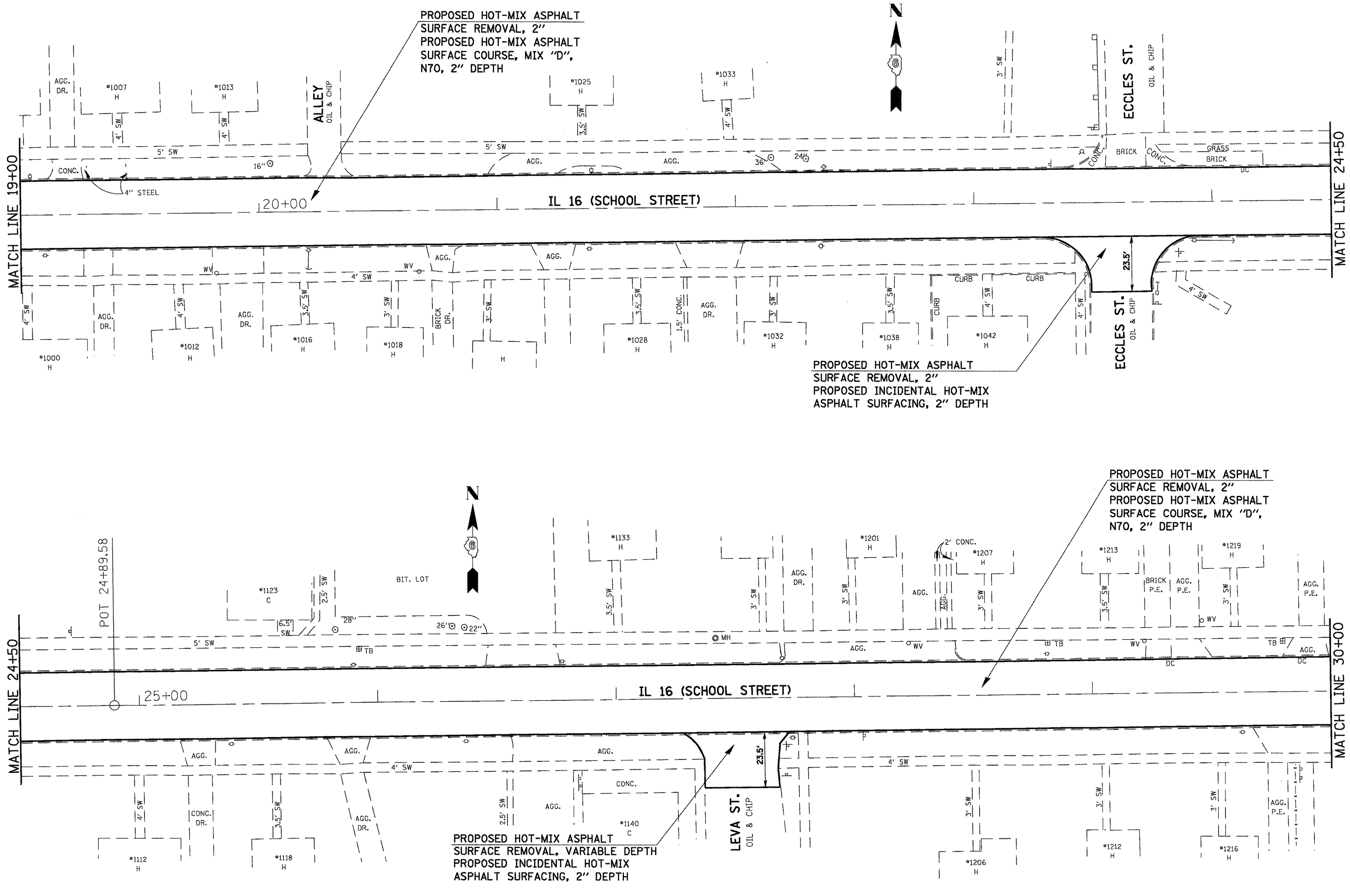
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PLOT SCALE = 48.0000' / IN.		CHECKED - RTS	REVISED -
PLOT DATE = Mar-26-2010 11:59:39AM		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. 5 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	26
CONTRACT NO. 72C52				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED HOT-MIX ASPHALT
SURFACE REMOVAL, 2"
PROPOSED HOT-MIX ASPHALT
SURFACE COURSE, MIX "D",
N70, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
SURFACE REMOVAL, 2"
PROPOSED INCIDENTAL HOT-MIX
ASPHALT SURFACING, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
SURFACE REMOVAL, 2"
PROPOSED HOT-MIX ASPHALT
SURFACE COURSE, MIX "D",
N70, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
SURFACE REMOVAL, VARIABLE DEPTH
PROPOSED INCIDENTAL HOT-MIX
ASPHALT SURFACING, 2" DEPTH

FILE NAME =	USER NAME = laughlinr1
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PLOT SCALE = 40.0000' / 1" IN.	
PLOT DATE = Mar-26-2010 11:59:41AM	

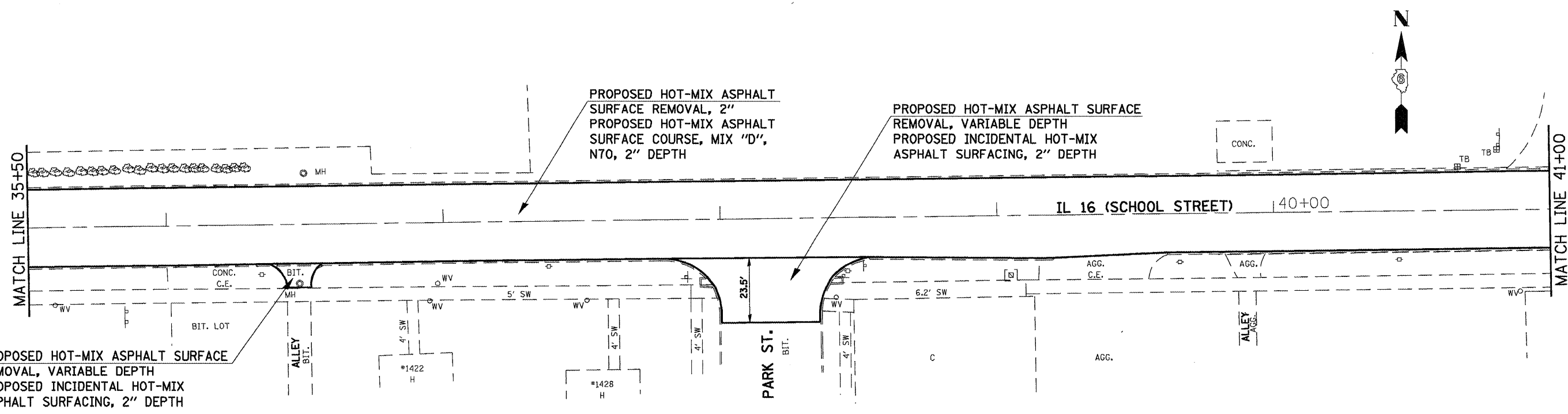
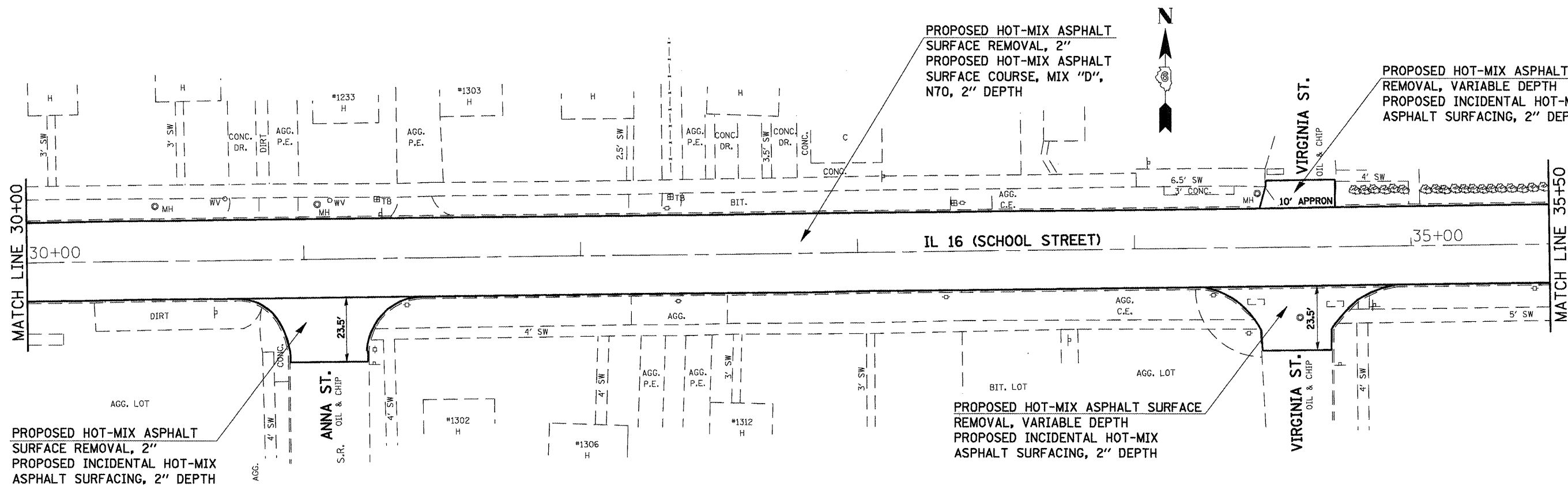
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DRAWN - RTS	REVISED -
CHECKED - RTS	REVISED -
DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE:	STA. TO STA.
SHEET NO. 6 OF 15 SHEETS	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	MONTGOMERY	60	27
CONTRACT NO. T2C52				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 24



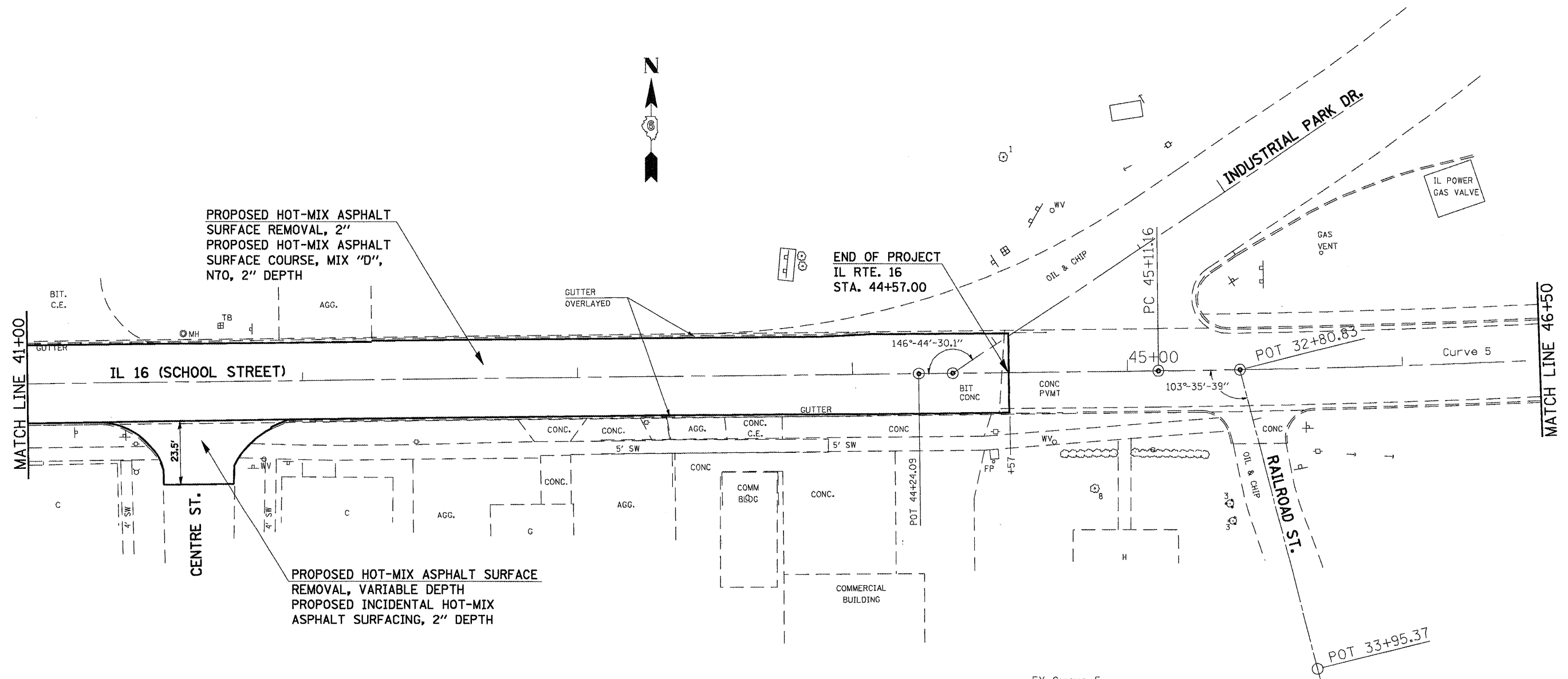
•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-32S, 24

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
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PLOT DATE = Mar-26-2010 11:59:43AM		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO. 7 OF 15 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72052	



END OF PROJECT
IL RTE. 16
STA. 44+57.00

EX Curve 5
PI Sta. 20+614.204
 $\Delta = 3^\circ 17' 53''$ (LT)
T = 36.842 m
R = 1,279.751 m
L = 73.663 m
E = 0.530 m
PC Sta. 20+577.362
PT Sta. 20+651.025

•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 24

FILE NAME =
c:\pwork\p\100\TLAUGHLIN\100\05356\

USER NAME = laughlin
72C52-ah-plot.dgn
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PLOT DATE = Mar-26-2010 11:59:45AM

DESIGNED - RTS	REVISED -
DRAWN - RTS	REVISED -
CHECKED - RTS	REVISED -
DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

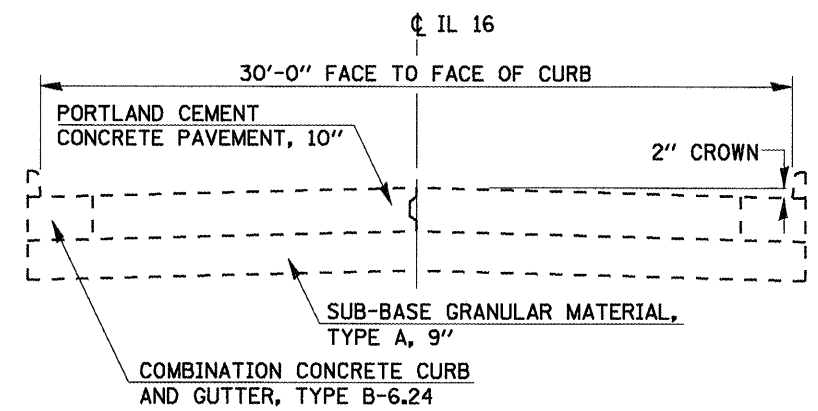
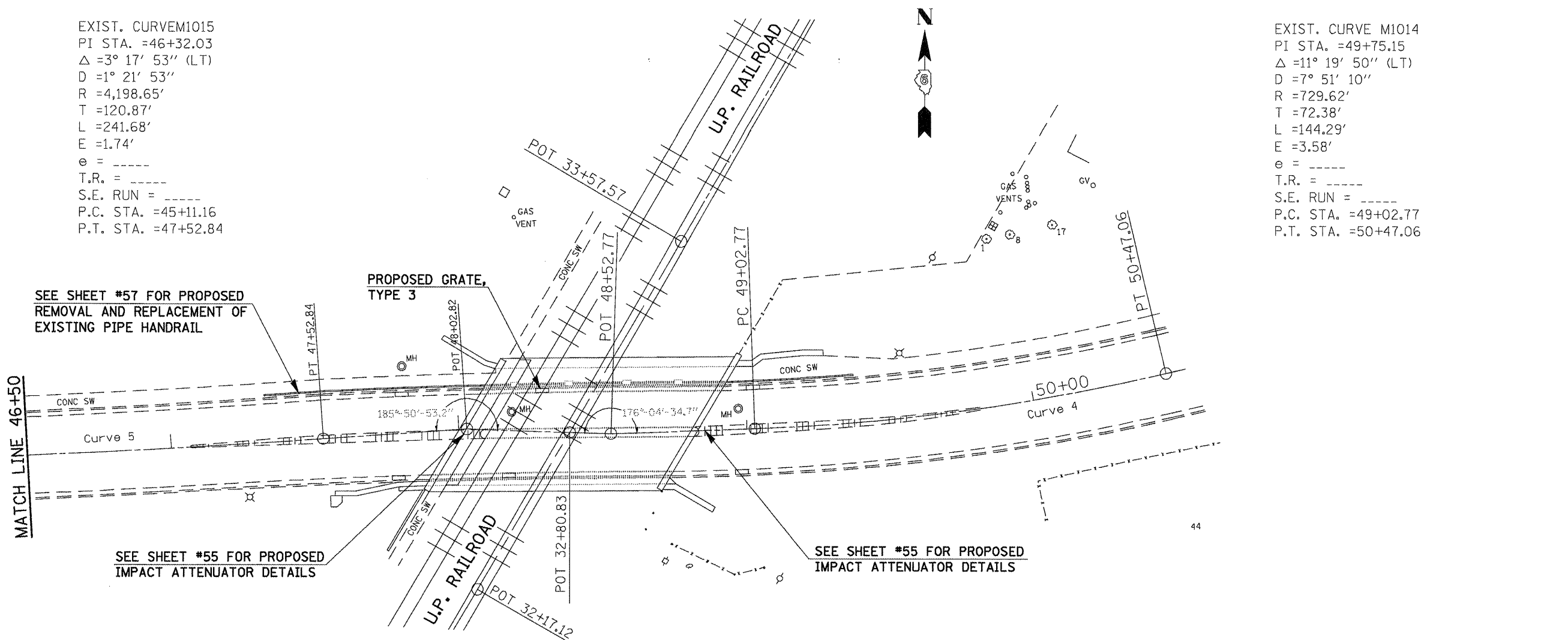
PLAN SHEET

SCALE: SHEET NO. 8 OF 15 SHEETS STA. TO STA.

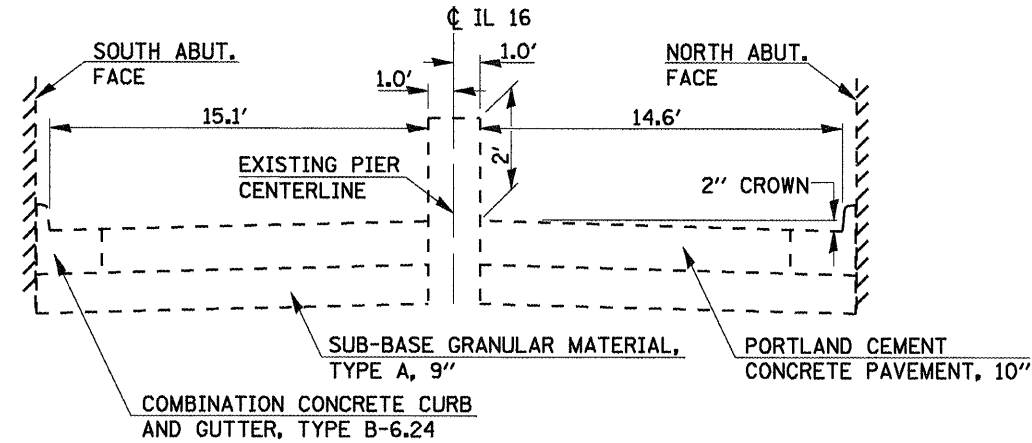
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	29
CONTRACT NO. 72C52				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EXIST. CURVEM1015
 PI STA. =46+32.03
 $\Delta = 3^\circ 17' 53''$ (LT)
 D = 1° 21' 53"
 R = 4,198.65'
 T = 120.87'
 L = 241.68'
 E = 1.74'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 45+11.16
 P.T. STA. = 47+52.84

EXIST. CURVE M1014
 PI STA. =49+75.15
 $\Delta = 11^\circ 19' 50''$ (LT)
 D = 7° 51' 10"
 R = 729.62'
 T = 72.38'
 L = 144.29'
 E = 3.58'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 49+02.77
 P.T. STA. = 50+47.06



STA. 44+57.00 TO STA. 48+92.25
 STA. 49+67.25 TO STA. 53+76.09

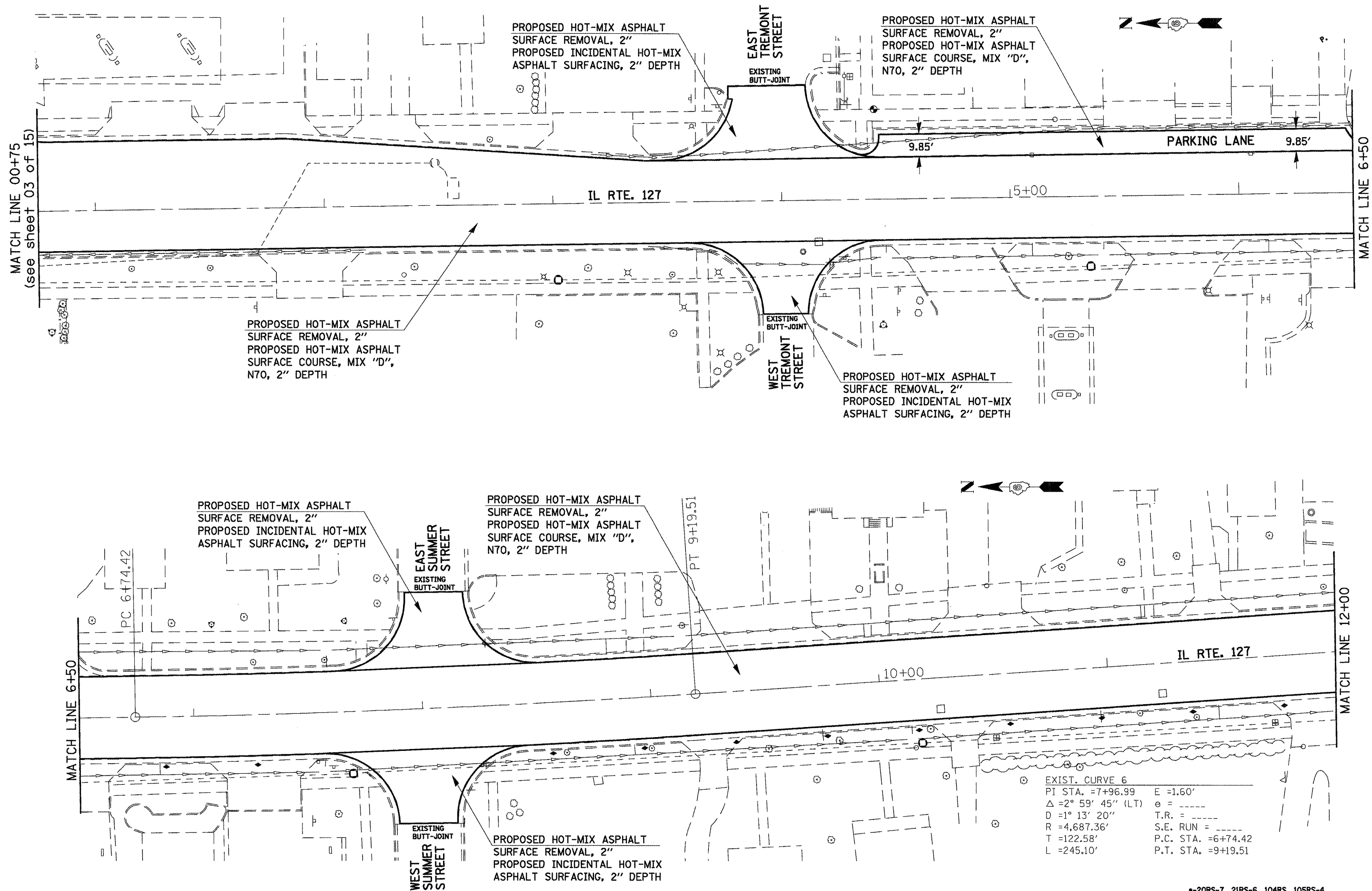


STA. 48+92.25 TO STA. 49+67.25

**EXISTING TYPICAL CROSS SECTIONS ADJACENT TO VIADUCT
 (FOR PATCHING PURPOSES)**

•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-32S, 24

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\pwork\LAUGHLINR1\05356\	72C52-ah-plantdgn	DRAWN - RTS	REVISED -		SCALE:	SHEET NO. 9 OF 15 SHEETS	STA.	TO STA.	MONTGOMERY	60	30
	PLOT SCALE = 48.00000 ' / IN.	CHECKED - RTS	REVISED -						CONTRACT NO.	72C52	
	PLOT DATE = May-26-2010 11:59:47AM	DATE - 3-10-10	REVISED -						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -
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PLOT DATE = Mar-26-2010 11:59:48AM		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE:	TO STA.
SHEET NO. 10 OF 15 SHEETS	STA. TO STA.

•-20RS-7, 21RS-6, 104RS, 105RS-4
•-32S, 24

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	MONTGOMERY	60	31
CONTRACT NO. 72C52				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

EXIST. CURVE 5
 PI STA. =13+64.05 E =11.23'
 Δ =21° 10' 14" (LT) e = ----
 D =8° 49' 56" T.R. = ----
 R =648.71' S.E. RUN = ----
 T =121.23' P.C. STA. =12+42.82
 L =239.70' P.T. STA. =14+82.51

PROPOSED HOT-MIX ASPHALT
 SURFACE REMOVAL, 2"
 PROPOSED INCIDENTAL HOT-MIX
 ASPHALT SURFACING, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
 SURFACE REMOVAL, 2"
 PROPOSED INCIDENTAL HOT-MIX
 ASPHALT SURFACING, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
 SURFACE REMOVAL, 2"
 PROPOSED HOT-MIX ASPHALT
 SURFACE COURSE, MIX "D",
 N70, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
 SURFACE REMOVAL, 2"
 PROPOSED INCIDENTAL HOT-MIX
 ASPHALT SURFACING, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
 SURFACE REMOVAL, 2"
 PROPOSED INCIDENTAL HOT-MIX
 ASPHALT SURFACING, 2" DEPTH

PROPOSED HOT-MIX ASPHALT
 SURFACE REMOVAL, 2"
 PROPOSED HOT-MIX ASPHALT
 SURFACE COURSE, MIX "D",
 N70, 2" DEPTH

NOTE:
 SEE SHEETS 55 - 59 FOR PROPOSED TRAFFIC
 DETECTOR LOOP DETAILS AT THE INTERSECTION
 OF IL 127 / FAIRGROUNDS RD.

•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-32S, 24

FILE NAME =
 USER NAME = laughlinr1
 72C52-shs-plendgn
 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = Mar-26-2010 11:59:51AM

DESIGNED -	RTS	REVISED -	
DRAWN -	RTS	REVISED -	
CHECKED -	RTS	REVISED -	
DATE -	3-10-10	REVISED -	

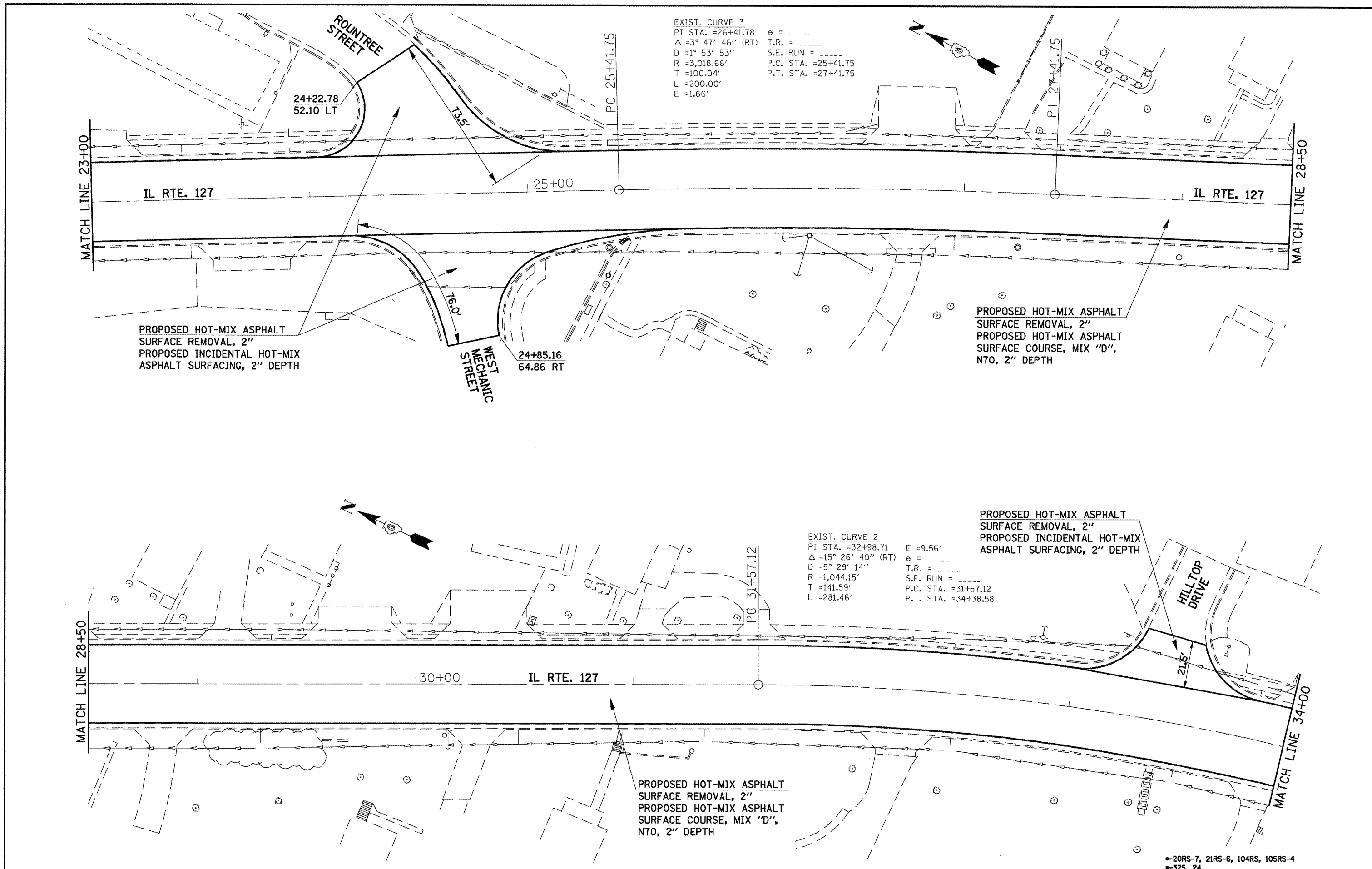
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. 11 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 72C52



FILE NAME =
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USER NAME = laughlinr1
 72C52-ahp-plandgn
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 PLOT DATE = Mar-25-2010 11:59:53AM

DESIGNED -	RTS	REVISED -	
DRAWN -	RTS	REVISED -	
CHECKED -	RTS	REVISED -	
DATE -	3-10-10	REVISED -	

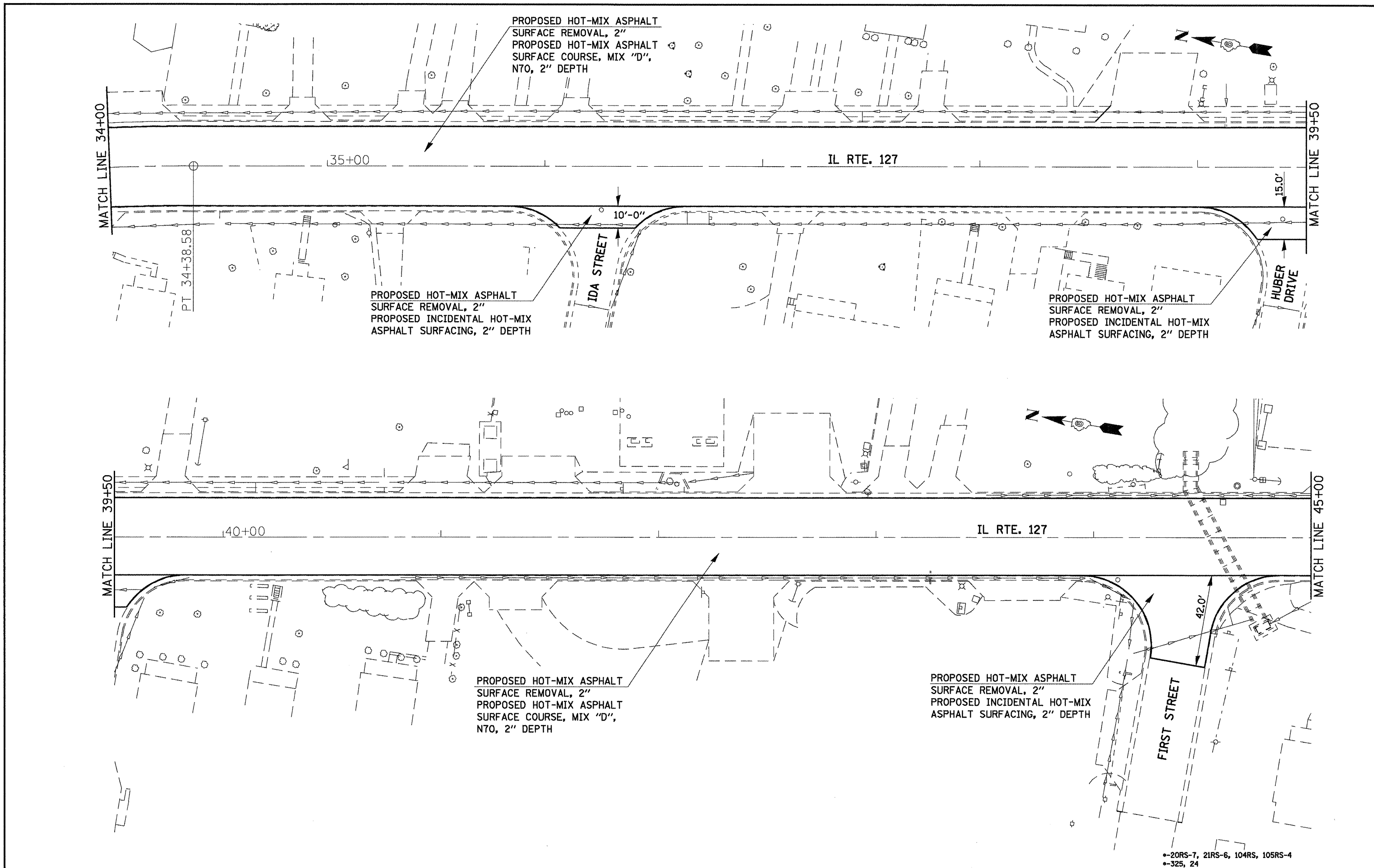
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. 12 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	MONTGOMERY	60	33
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-32S, 24



FILE NAME =
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 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = Mar-26-2010 11:59:35AM

DESIGNED -	RTS	REVISED -	
DRAWN -	RTS	REVISED -	
CHECKED -	RTS	REVISED -	
DATE -	3-10-10	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

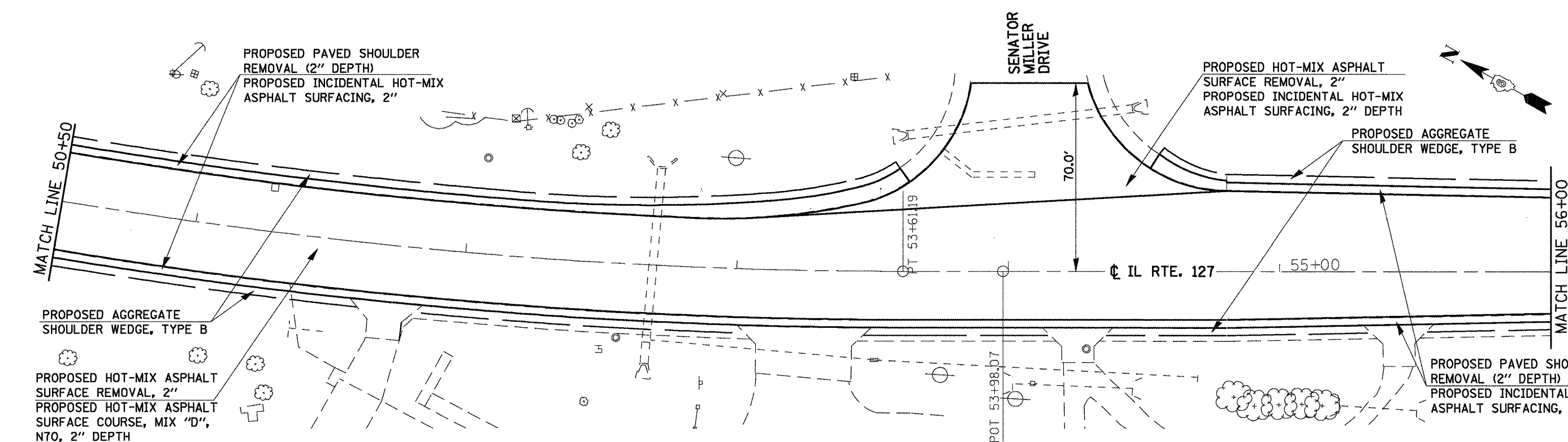
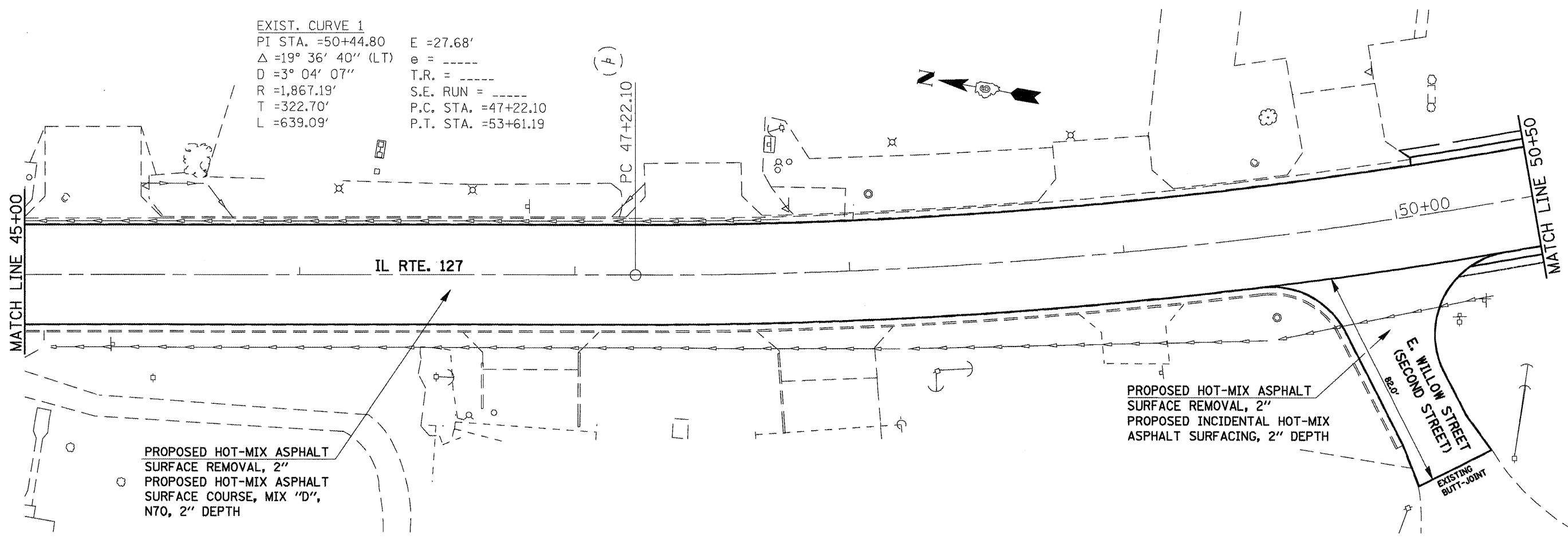
PLAN SHEET

SCALE: SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	MONTGOMERY	60	34
CONTRACT NO. 72C52				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-325, 24

EXIST. CURVE 1
 PI STA. =50+44.80 E =27.68'
 Δ =19° 36' 40" (LT) e = ----
 D =3° 04' 07" T.R. = ----
 R =1,867.19' S.E. RUN = ----
 T =322.70' P.C. STA. =47+22.10
 L =639.09' P.T. STA. =53+61.19



•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-325, 24

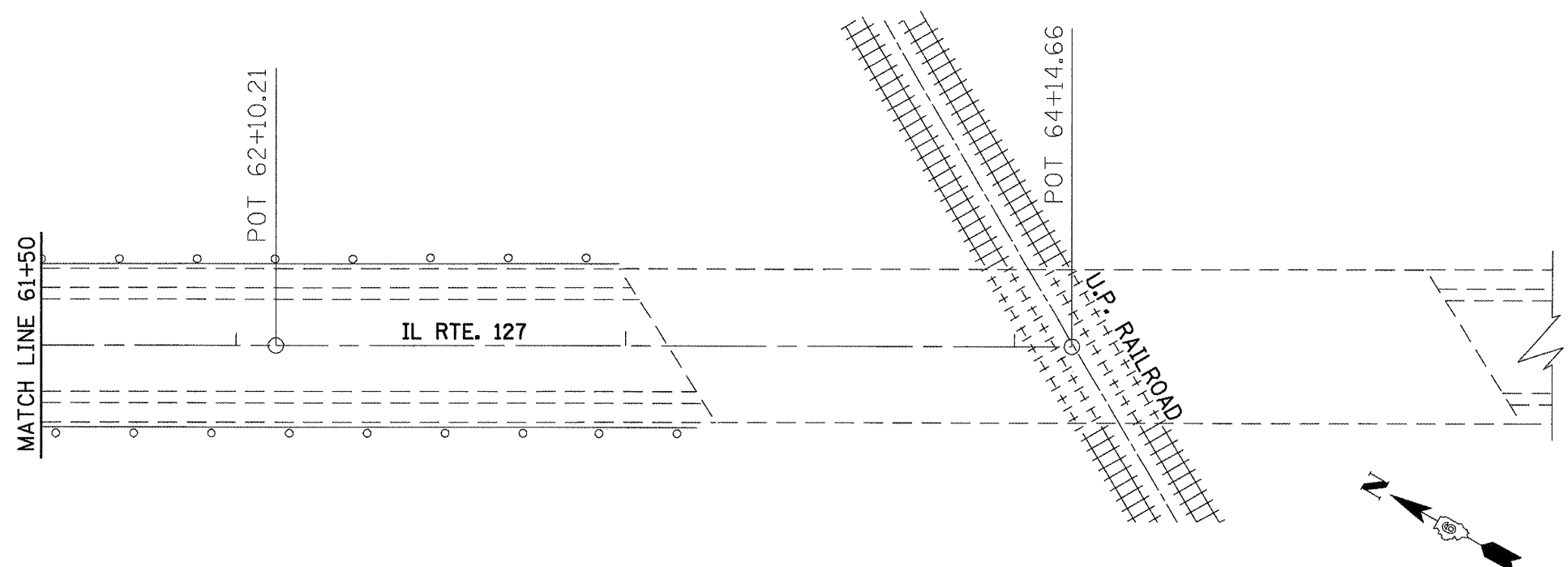
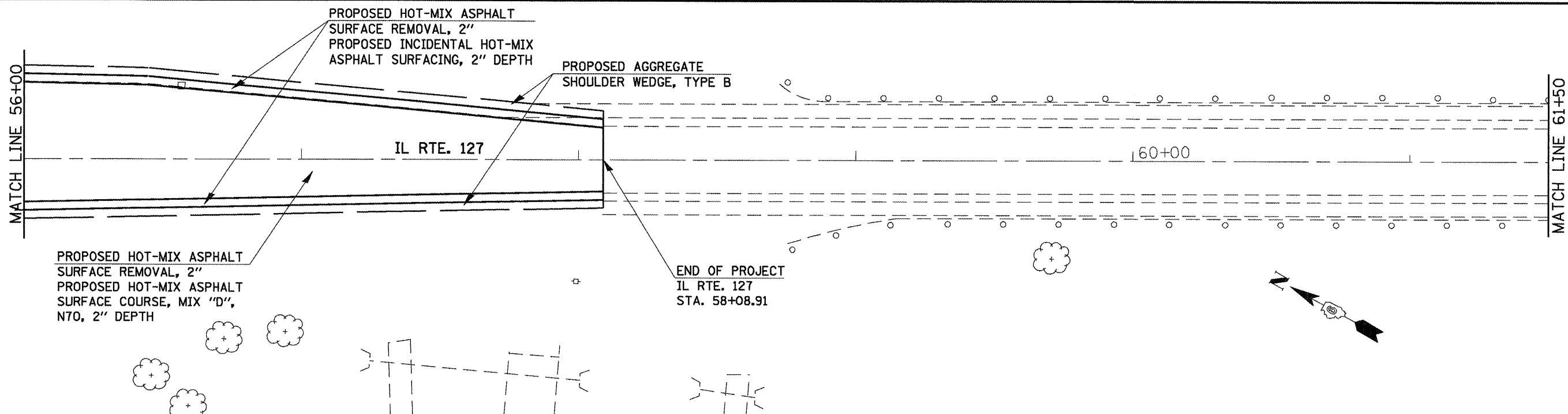
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PLOT DATE = Mar-26-2010 11:59:57AM		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: SHEET NO. 14 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	35
CONTRACT NO. 72C52				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



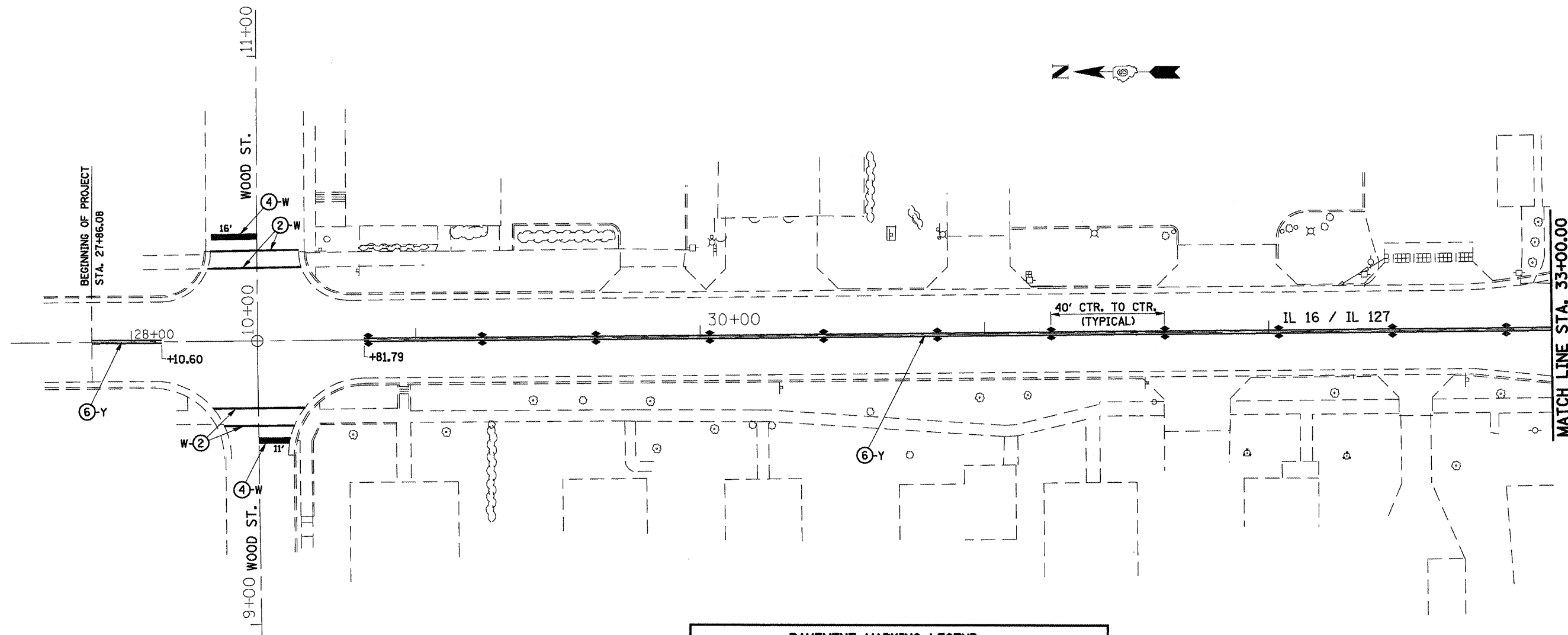
•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 24

FILE NAME =	USER NAME = laughlir1	DESIGNED - RTS	REVISED -
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PLOT DATE = Mar-26-2010 11:59:09AM		DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE:	SHEET NO. 15 OF 15 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	36
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 72C52				



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP - 2' DASH)
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑩ PAINT PAVEMENT MARKING - LINE 5"
- ↖ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▷ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ⊗-W PAVEMENT MARKING, WHITE
- ⊗-Y PAVEMENT MARKING, YELLOW

FILE NAME =	USER NAME = laughlir1	DESIGNED - RTS	REVISED -
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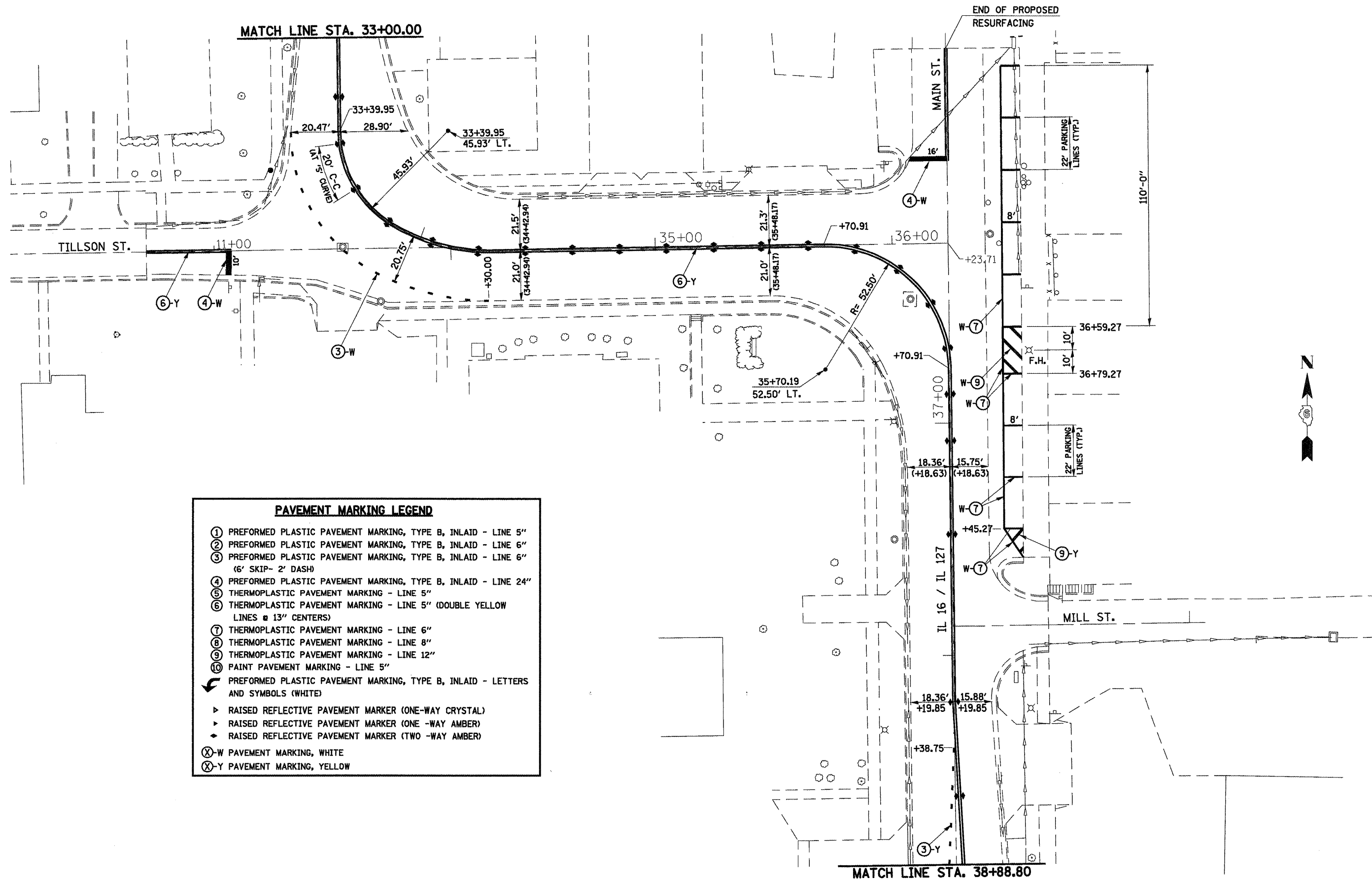
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

SCALE: SHEET NO. 1 OF 15 SHEETS STA. TO STA.

•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	37
			CONTRACT NO. 72C52	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑩ PAINT PAVEMENT MARKING - LINE 5"
- ↖ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
- ⊗-W PAVEMENT MARKING, WHITE
- ⊗-Y PAVEMENT MARKING, YELLOW

FILE NAME =
 USER NAME = laughlinr1
 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = Mar-26-2010 12:00:03PM

DESIGNED - RTS
 DRAWN - RTS
 CHECKED - RTS
 DATE - 3-10-10

REVISED -
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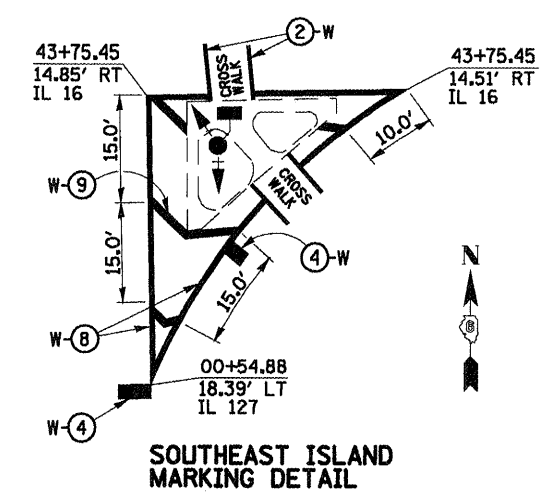
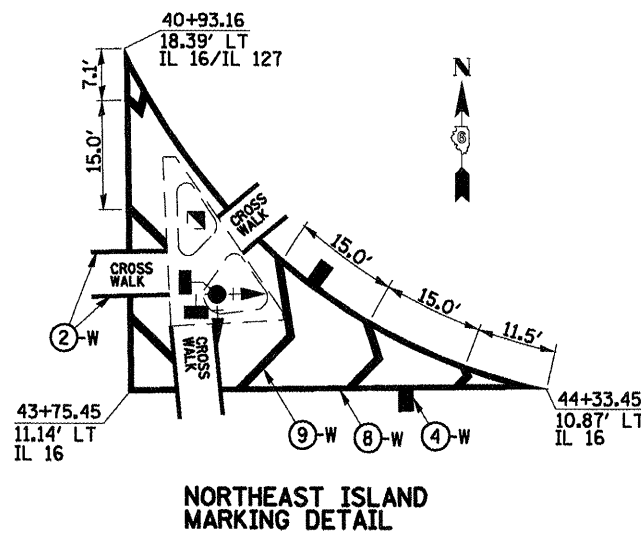
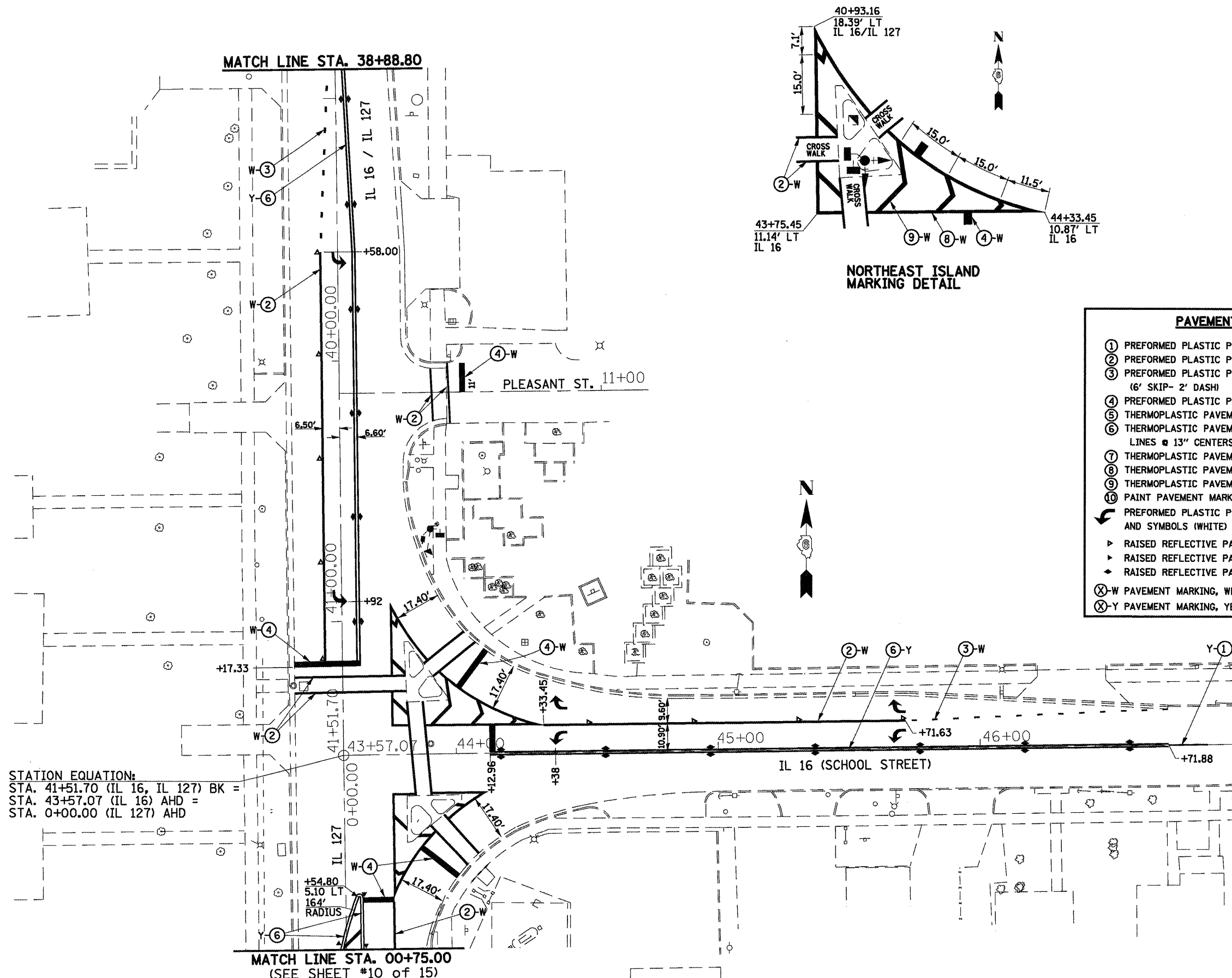
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. 2 OF 15 SHEETS STA. TO STA.

PAVEMENT MARKING SHEET

•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-325, 42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	38
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑩ PAINT PAVEMENT MARKING - LINE 5"
- ↶ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
- ⊗-W PAVEMENT MARKING, WHITE
- ⊗-Y PAVEMENT MARKING, YELLOW

STATION EQUATION:
 STA. 41+51.70 (IL 16, IL 127) BK =
 STA. 43+57.07 (IL 16) AHD =
 STA. 0+00.00 (IL 127) AHD

MATCH LINE STA. 00+75.00
 (SEE SHEET #10 of 15)

MATCH LINE STA. 47+00.00
 (SEE SHEET #4 of 15)

FILE NAME =
 o:\pwork\p\WID00\LAUGHLIN\RL\dl0105356\72C52-ah\p\mk.dgn

USER NAME = laughlinr1
 PLOT SCALE = 48.0000' / IN.
 PLOT DATE = Mar-26-2010 12:00:05PM

DESIGNED -	RTS	REVISED -	
DRAWN -	RTS	REVISED -	
CHECKED -	RTS	REVISED -	
DATE -	3-10-10	REVISED -	

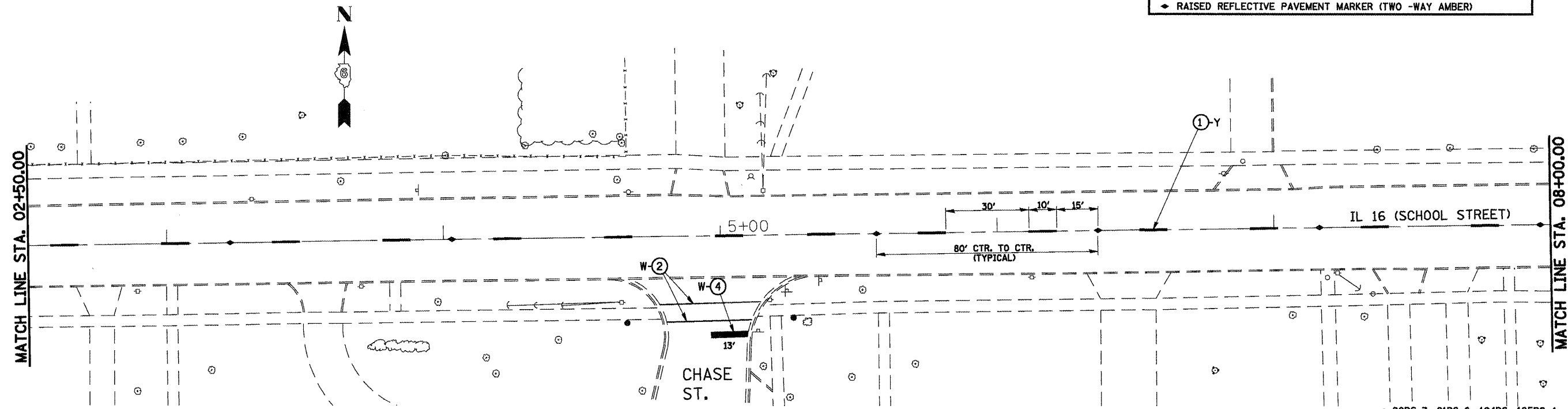
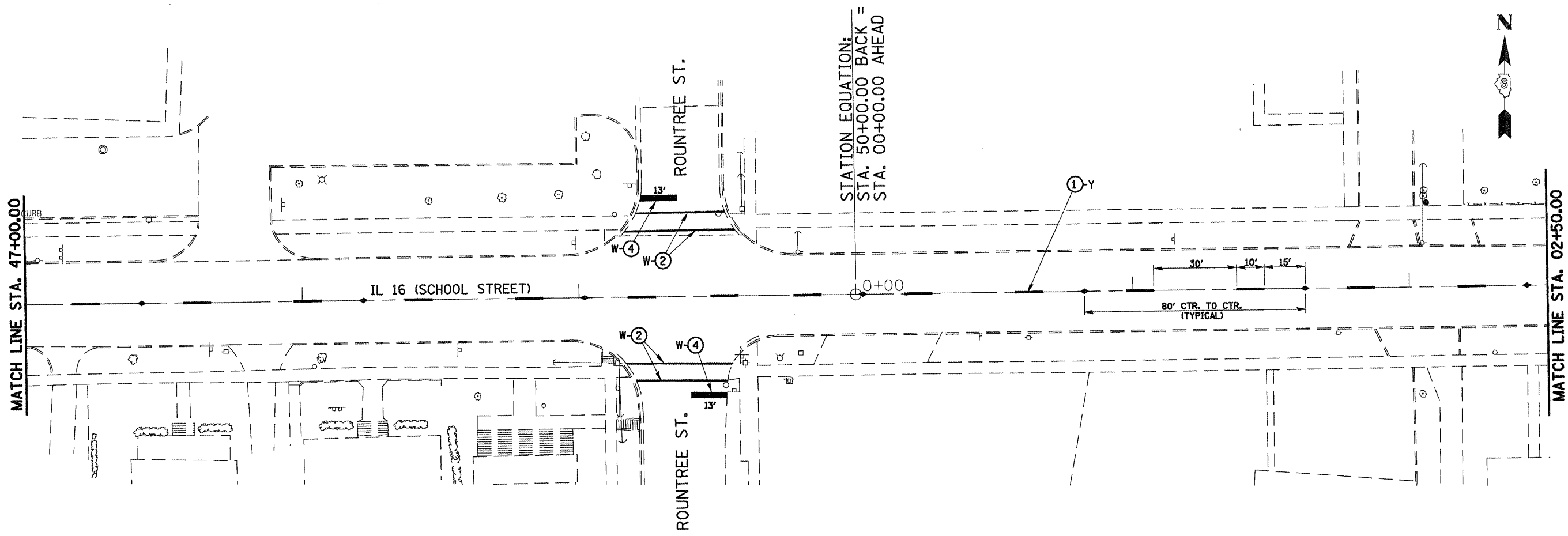
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

SCALE: SHEET NO. 3 OF 15 SHEETS STA. TO STA.

-20RS-7, 21RS-6, 104RS, 105RS-4
 -325, 42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	MONTGOMERY	60	39
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
①	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
⊗-W	PAVEMENT MARKING, WHITE
⊗-Y	PAVEMENT MARKING, YELLOW
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 42

FILE NAME =
e:\pwwork\pwwork\LAUGHLIN\RL\0105356\

USER NAME = laughlinr1
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PLOT DATE = May-26-2010 12:00:07PM

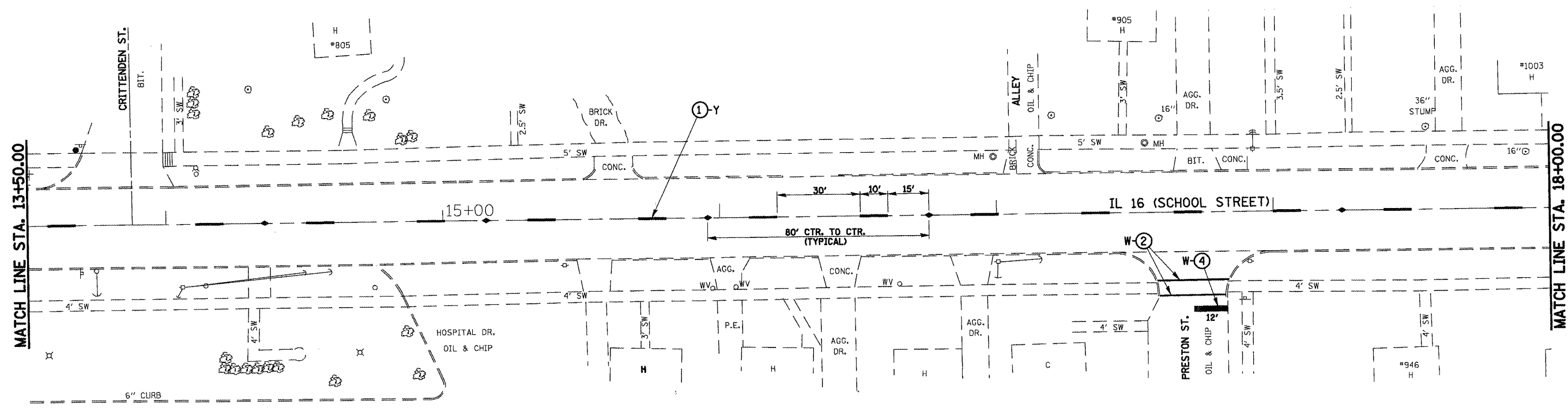
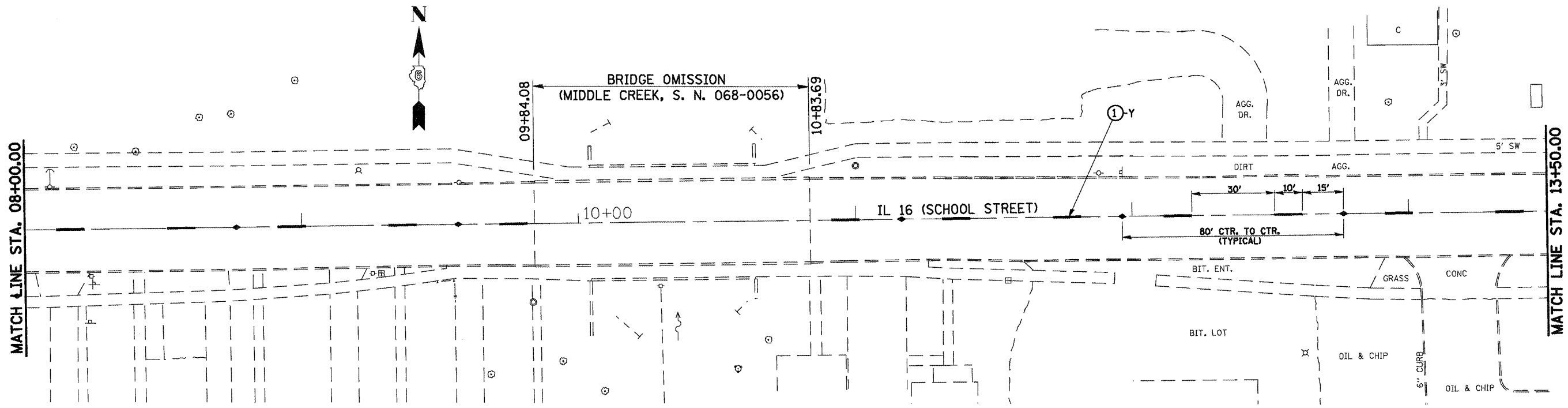
DESIGNED	RTS	REVISED	
DRAWN	RTS	REVISED	
CHECKED	RTS	REVISED	
DATE	3-10-10	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

SCALE: SHEET NO. 4 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MONTGOMERY	60	40
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND	
①	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
⊗-W	PAVEMENT MARKING, WHITE
⊗-Y	PAVEMENT MARKING, YELLOW
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 42

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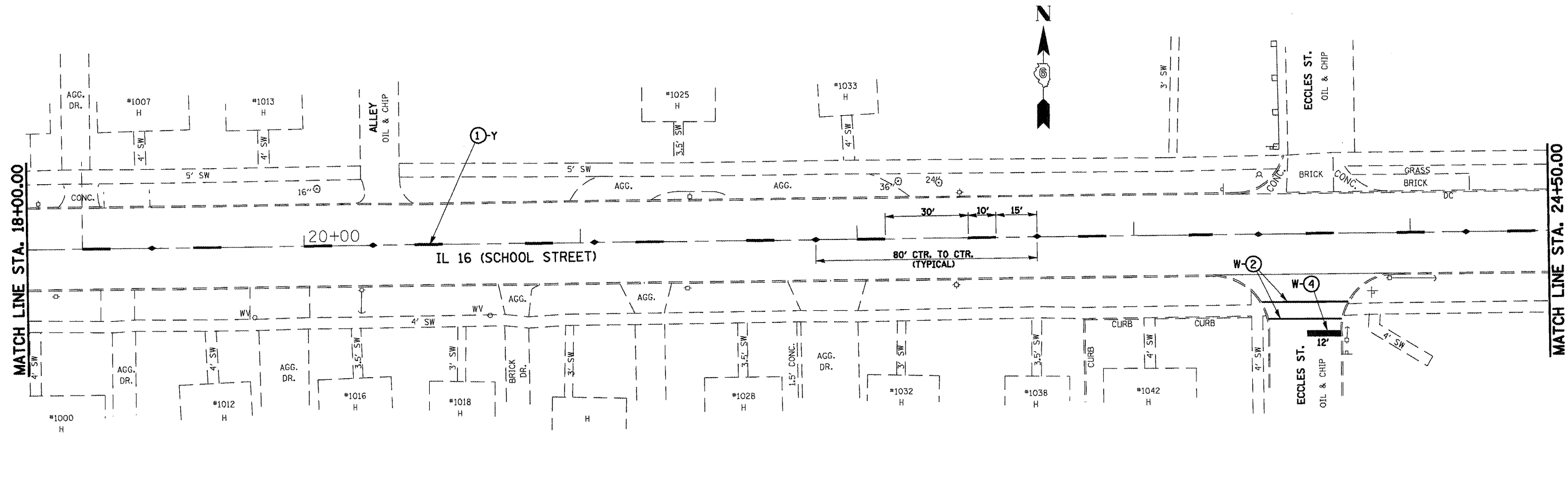
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PLOT DATE = Mar-26-2010 12:00:09PM

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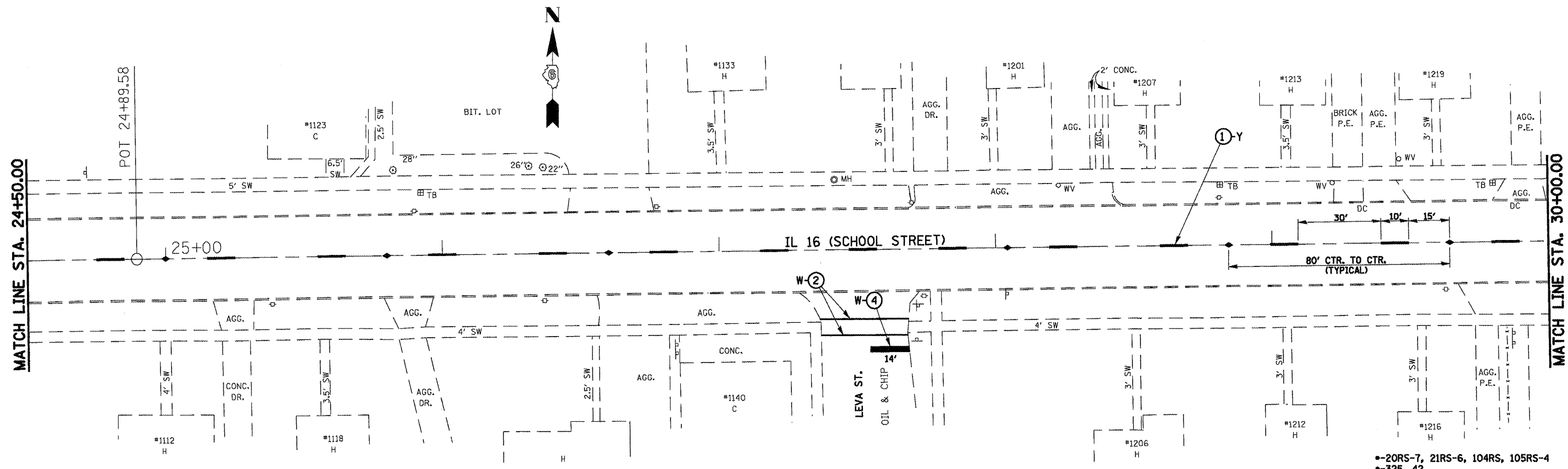
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING SHEET
SCALE: SHEET NO. 5 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	•	MONTGOMERY	60	41
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
①	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
⊗	W PAVEMENT MARKING, WHITE
⊗	Y PAVEMENT MARKING, YELLOW
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)



•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 42

FILE NAME =
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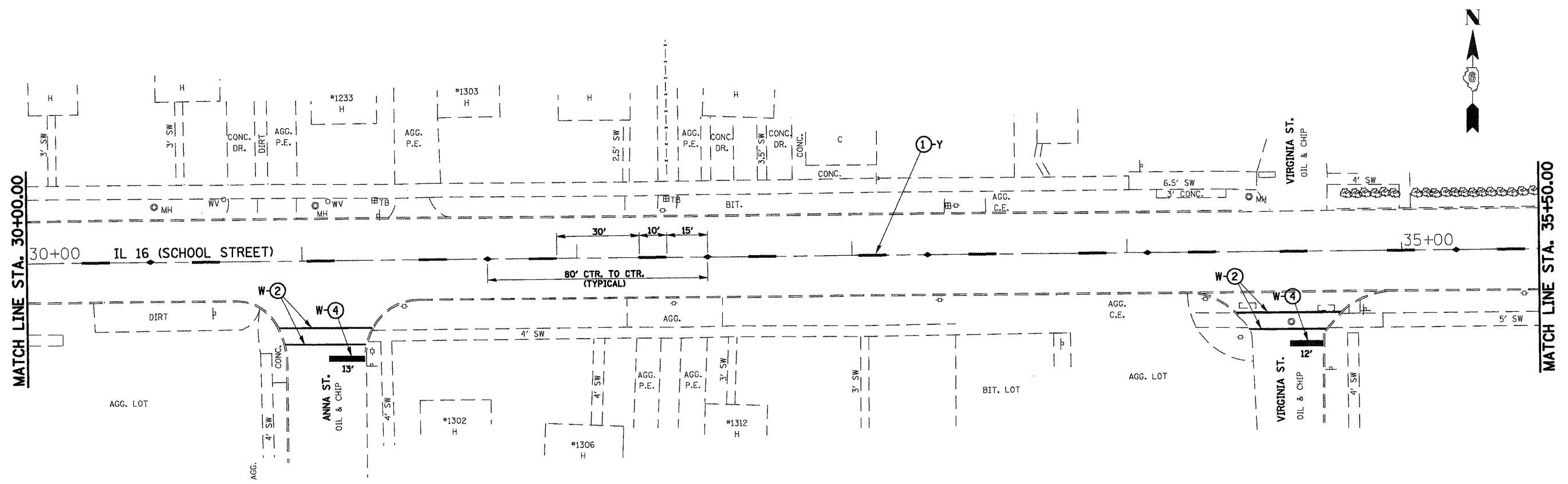
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DRAWN -	RTS	REVISED -	
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DATE -	3-10-10	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

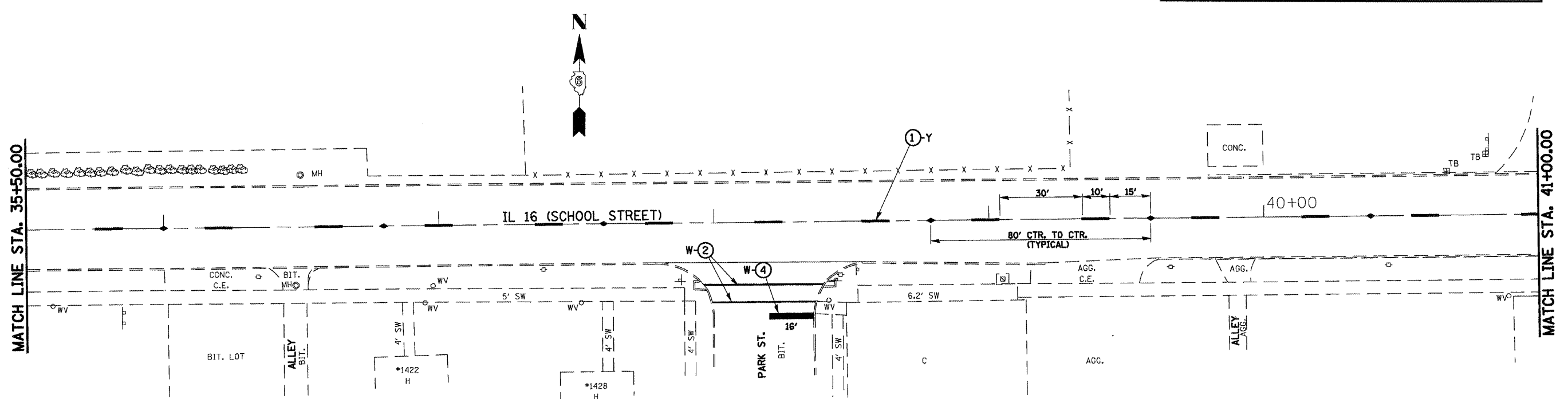
PAVEMENT MARKING SHEET

SCALE: SHEET NO. 6 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	42
CONTRACT NO. 72CS2				
ILLINOIS FED. AID PROJECT				

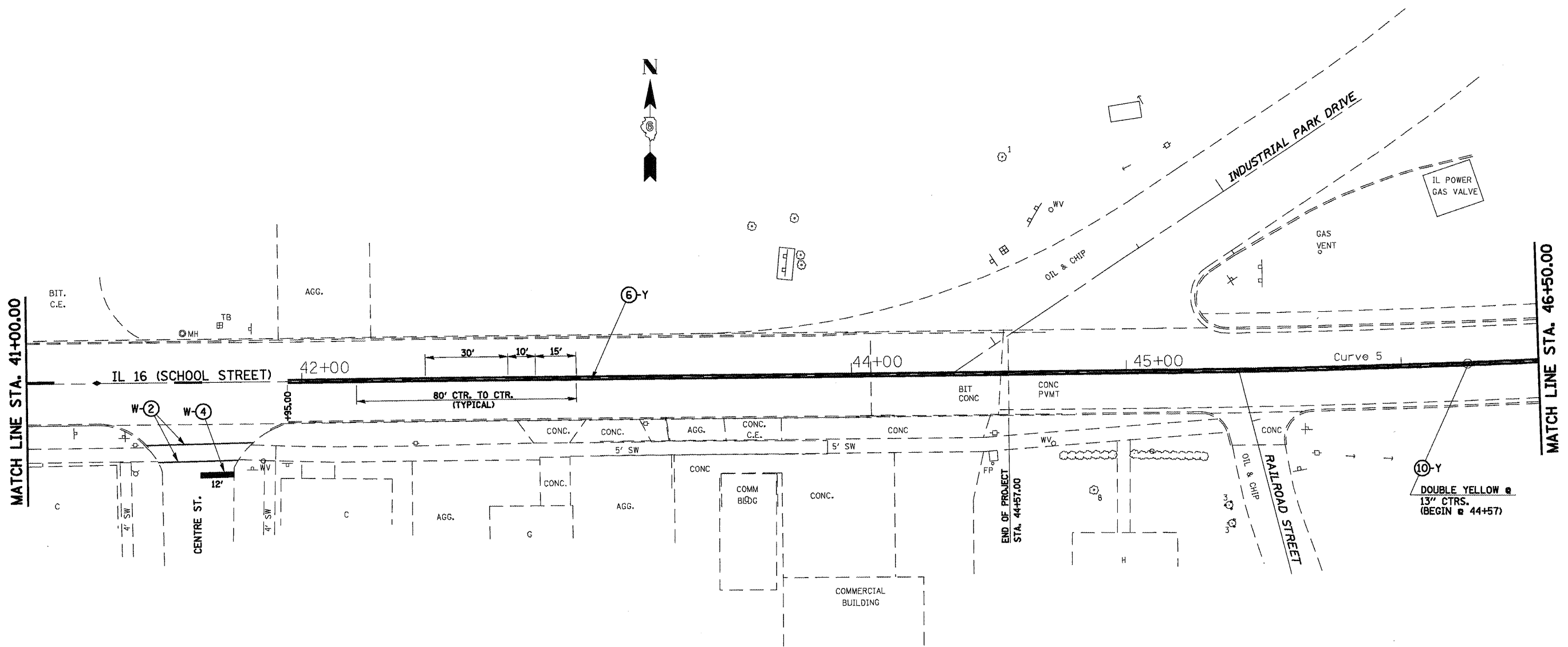


PAVEMENT MARKING LEGEND	
①	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
⊗	W PAVEMENT MARKING, WHITE
⊗	Y PAVEMENT MARKING, YELLOW
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)



FILE NAME =	USER NAME = loughlir1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET		F.A.P. RTE. SECTION COUNTY MONTGOMERY 60 43 CONTRACT NO. 72C52 ILLINOIS FED. AID PROJECT	
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PLOT DATE = Mar-26-2010 12:00:13PM	DATE = 3-10-10	CHECKED - RTS	REVISED -					
		DATE =	REVISED =					

20RS-7, 21RS-6, 104RS, 105RS-4
32S, 42



PAVEMENT MARKING LEGEND	
①	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
⑤	THERMOPLASTIC PAVEMENT MARKING - LINE 5"
⑩	PAINT PAVEMENT MARKING - LINE 5"
⊗-W	PAVEMENT MARKING, WHITE
⊗-Y	PAVEMENT MARKING, YELLOW
◆	RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)

FILE NAME =
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USER NAME = laughlinr1
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 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = Mar-26-2010 12:00:15PM

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DRAWN -	RTS	REVISED -	
CHECKED -	RTS	REVISED -	
DATE -	3-10-10	REVISED -	

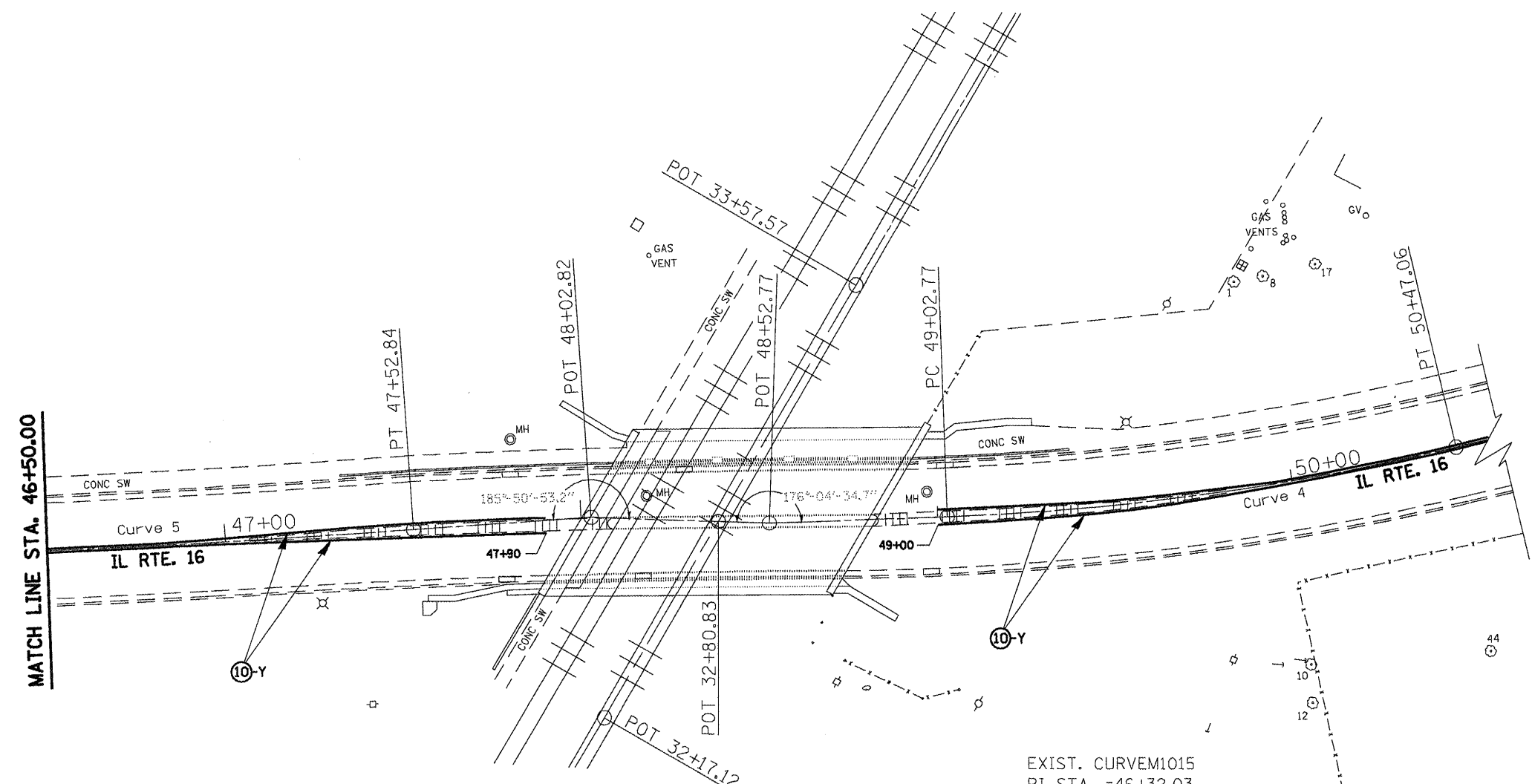
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

SCALE: _____ SHEET NO. 8 OF 15 SHEETS STA. _____ TO STA. _____

•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-325, 42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	44
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	



PAINT PAVMENT MARKING - LINE 5"
ENDS AT STA. 51+00

EXIST. CURVE M1014
 PI STA. =49+75.15
 $\Delta = 11^\circ 19' 50''$ (LT)
 $D = 7^\circ 51' 10''$
 $R = 729.62'$
 $T = 72.38'$
 $L = 144.29'$
 $E = 3.58'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. =49+02.77
 P.T. STA. =50+47.06

EXIST. CURVEM1015
 PI STA. =46+32.03
 $\Delta = 3^\circ 17' 53''$ (LT)
 $D = 1^\circ 21' 53''$
 $R = 4,198.65'$
 $T = 120.87'$
 $L = 241.68'$
 $E = 1.74'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 P.C. STA. =45+11.16
 P.T. STA. =47+52.84

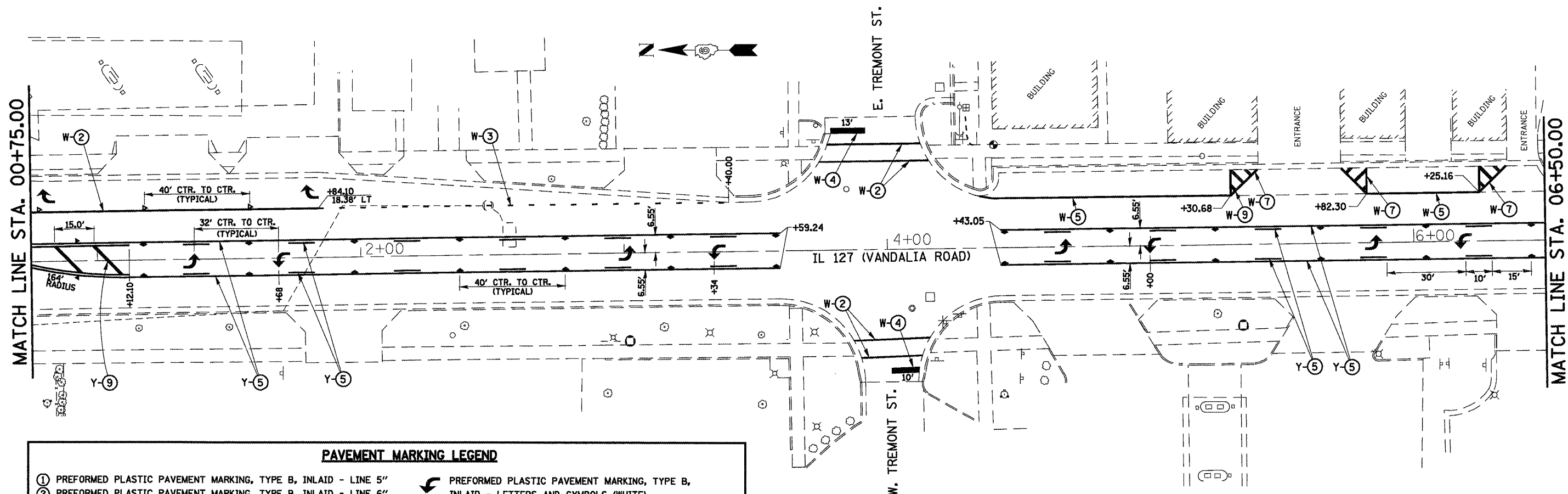
PAVEMENT MARKING LEGEND

⑩ PAINT PAVMENT MARKING - LINE 5"

⊗-Y PAVEMENT MARKING, YELLOW

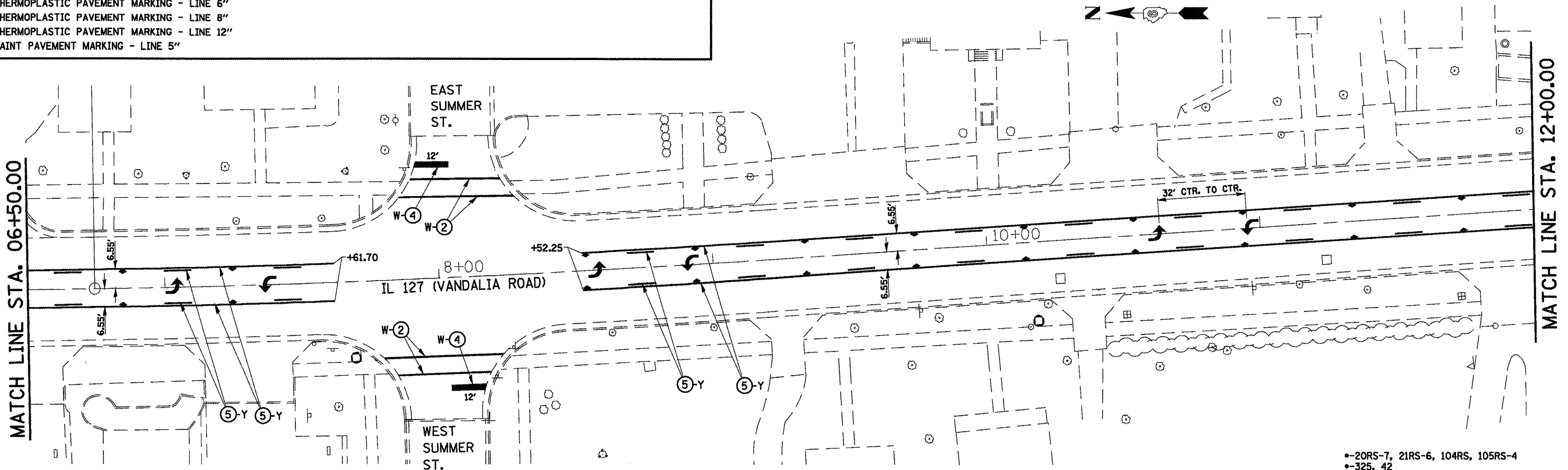
•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-325, 42

FILE NAME =	USER NAME = laughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\pwi001\LAUGHLINR1\0105356	72C52-shr-pmk.dgn	DRAWN - RTS	REVISED -				**	.	MONTGOMERY	60	45
	PLOT SCALE = 40.0000' / IN.	CHECKED - RTS	REVISED -				CONTRACT NO. 72C52				
	PLOT DATE = Mar-26-2010 12:00:17PM	DATE - 3-10-10	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. 9 OF 15 SHEETS	STA. TO STA.					



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5" | ↩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE) |
| ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" | ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL) |
| ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH) | ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER) |
| ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24" | ▶ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5" | ⊗ W PAVEMENT MARKING, WHITE |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS) | ⊗ Y PAVEMENT MARKING, YELLOW |
| ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6" | |
| ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8" | |
| ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" | |
| ⑩ PAINT PAVEMENT MARKING - LINE 5" | |



FILE NAME =
c:\pwork\pwork\127\LAUGHLIN\127\065356.dgn

USER NAME = laughlinr1
72052-ahs-pmk.dgn
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PLOT DATE = Mar-26-2010 12:00:19PM

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DRAWN -	RTS	REVISED -	
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DATE -	3-10-10	REVISED -	

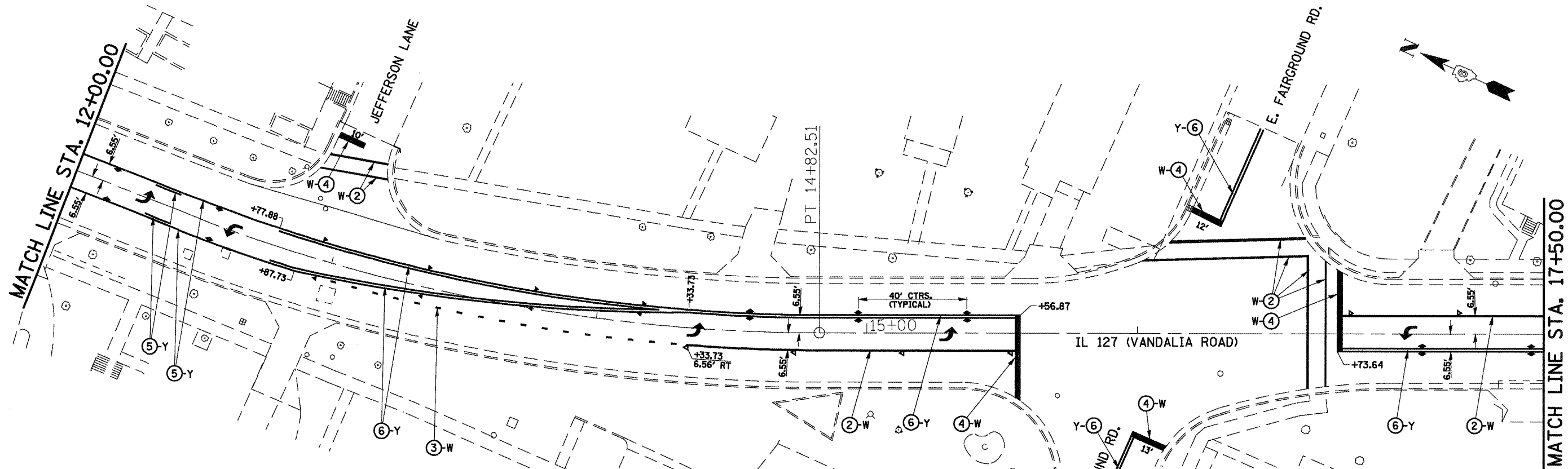
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

SCALE: SHEET NO. 10 OF 15 SHEETS STA. TO STA.

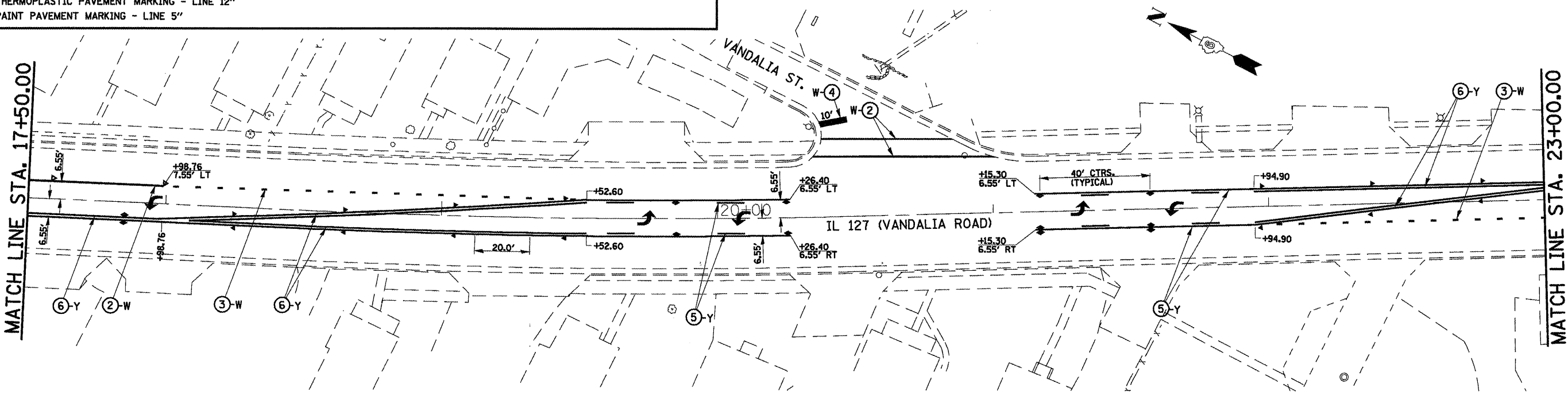
•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	.	MONTGOMERY	60	46
CONTRACT NO. 72CS2			ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5" | ↪ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE) |
| ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" | ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL) |
| ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH) | ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER) |
| ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24" | ▶ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5" | ⊗-W PAVEMENT MARKING, WHITE |
| ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS) | ⊗-Y PAVEMENT MARKING, YELLOW |
| ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6" | |
| ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8" | |
| ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" | |
| ⑩ PAINT PAVEMENT MARKING - LINE 5" | |



FILE NAME =
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USER NAME = laughlinr1
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 PLOT DATE = Mar-26-2010 12:00:21PM

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DATE -	3-10-10	REVISED -	

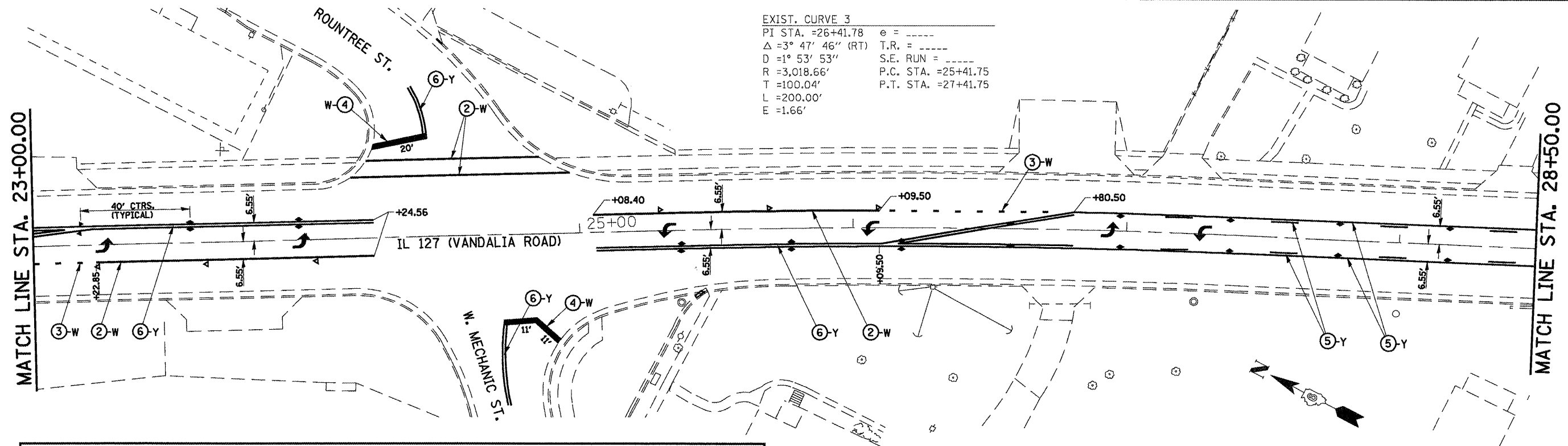
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

SCALE: SHEET NO. 11 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	47
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	

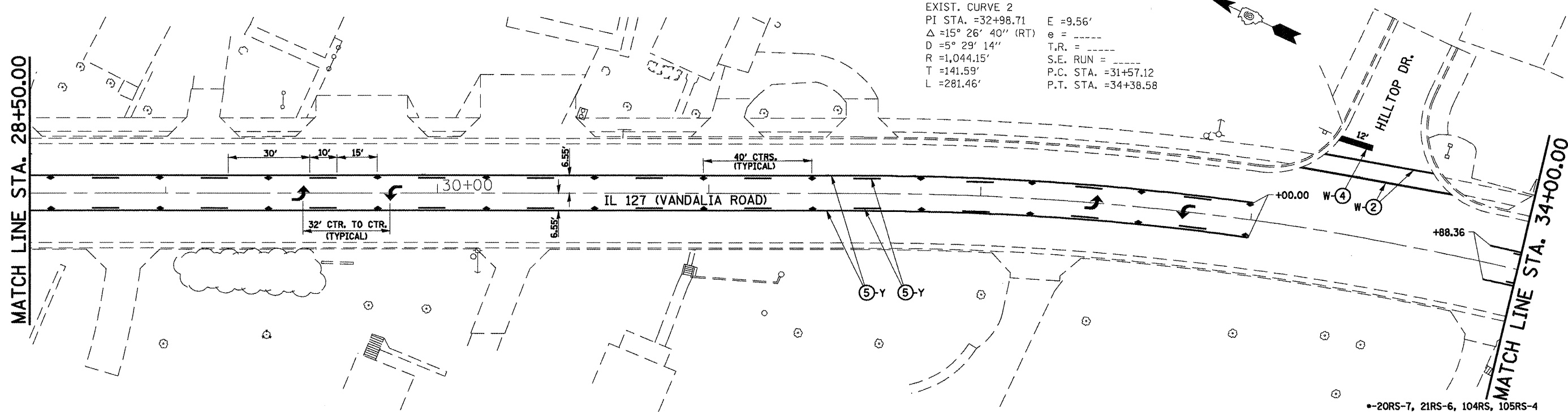
•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-325, 42



EXIST. CURVE 3
 PI STA. =26+41.78 e = ----
 $\Delta = 3^\circ 47' 46''$ (RT) T.R. = ----
 D =1° 53' 53" S.E. RUN = ----
 R =3,018.66' P.C. STA. =25+41.75
 T =100.04' P.T. STA. =27+41.75
 L =200.00'
 E =1.66'

PAVEMENT MARKING LEGEND

① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"	↖ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"	▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)	▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"	▶ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"	⊗-W PAVEMENT MARKING, WHITE
⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)	⊗-Y PAVEMENT MARKING, YELLOW
⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6"	
⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"	
⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12"	
⑩ PAINT PAVEMENT MARKING - LINE 5"	

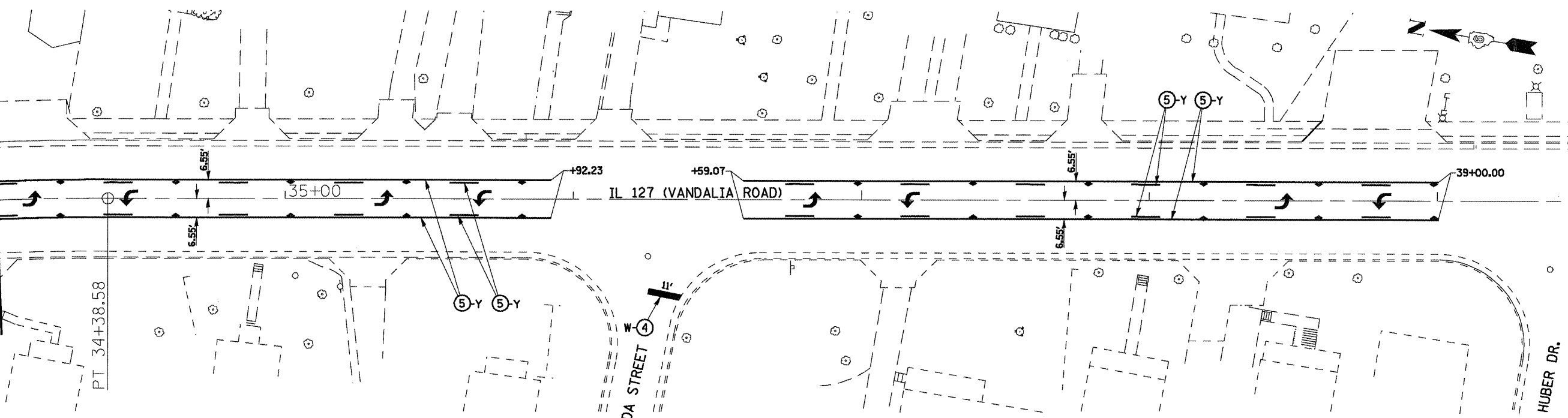


EXIST. CURVE 2
 PI STA. =32+98.71 E =9.56'
 $\Delta = 15^\circ 26' 40''$ (RT) e = ----
 D =5° 29' 14" T.R. = ----
 R =1,044.15' S.E. RUN = ----
 T =141.59' P.C. STA. =31+57.12
 L =281.46' P.T. STA. =34+38.58

FILE NAME =	USER NAME = loughlinr1	DESIGNED - RTS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 40.0000' / IN.		CHECKED - RTS	REVISED -			CONTRACT NO. T2C52					
PLOT DATE = Mar-26-2018 12:00:23PM		DATE - 3-10-10	REVISED -			ILLINOIS FED. AID PROJECT					

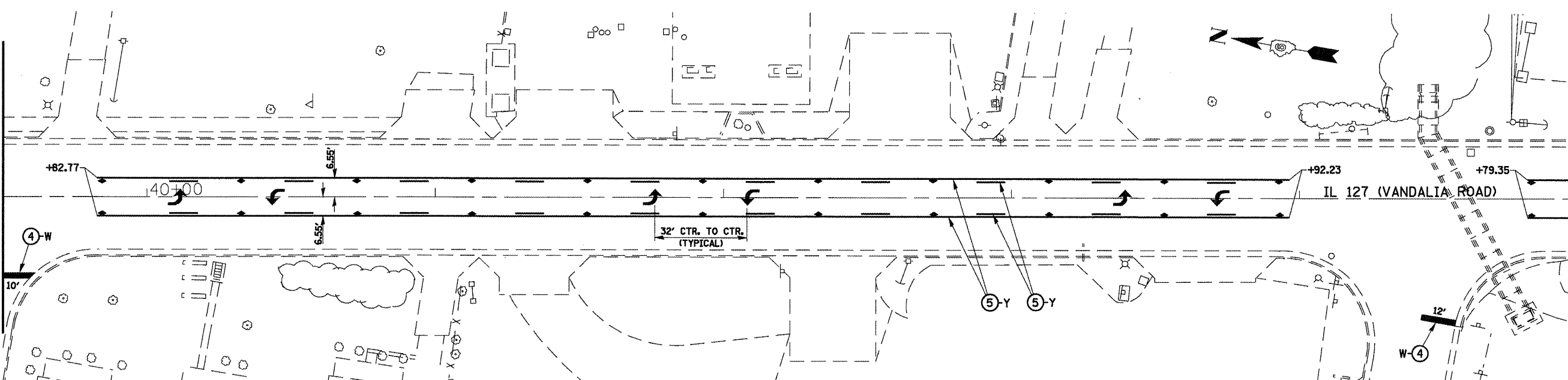
MATCH LINE STA. 34+00.00

MATCH LINE STA. 39+50.00



MATCH LINE STA. 39+50.00

MATCH LINE STA. 45+00.00



PAVEMENT MARKING LEGEND	
① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"	↩ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"	▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)	▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"	▶ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"	⊗-W PAVEMENT MARKING, WHITE
⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)	⊗-Y PAVEMENT MARKING, YELLOW
⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6"	
⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"	
⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12"	
⑩ PAINT PAVEMENT MARKING - LINE 5"	

• 20RS-7, 21RS-6, 104RS, 105RS-4
 • 32S, 42

FILE NAME =	USER NAME = laughlinr1
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DRAWN - RTS	REVISED -
CHECKED - RTS	REVISED -
DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

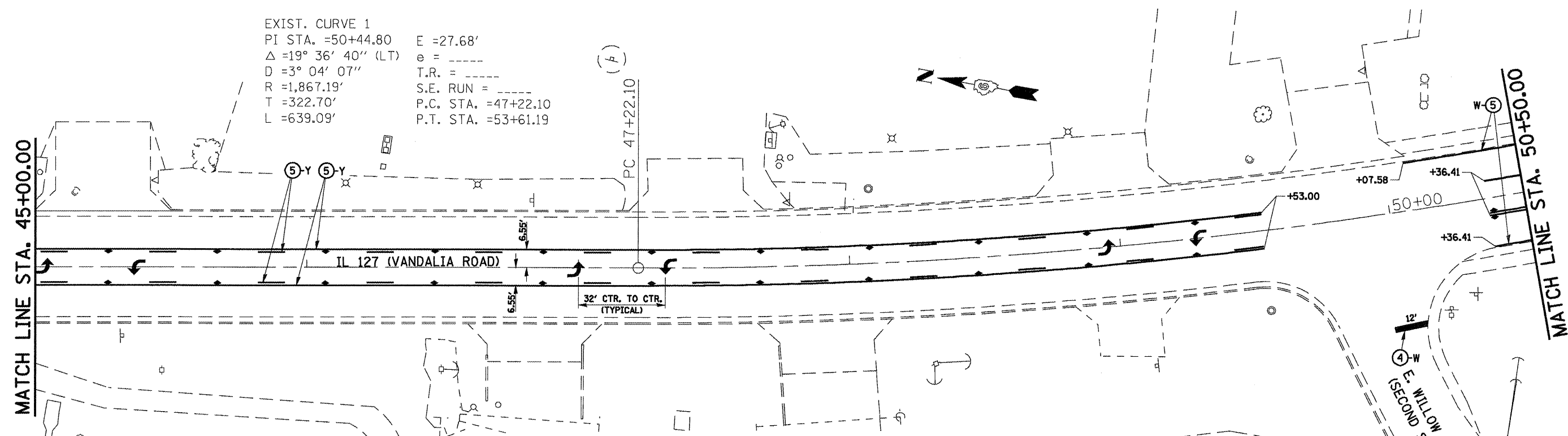
SCALE: SHEET NO. 13 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	MONTGOMERY	60	49
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	

EXIST. CURVE 1
 PI STA. =50+44.80 E =27.68'
 Δ =19° 36' 40" (LT) θ = ----
 D =3° 04' 07" T.R. = ----
 R =1,867.19' S.E. RUN = ----
 T =322.70' P.C. STA. =47+22.10
 L =639.09' P.T. STA. =53+61.19

MATCH LINE STA. 45+00.00

MATCH LINE STA. 50+50.00

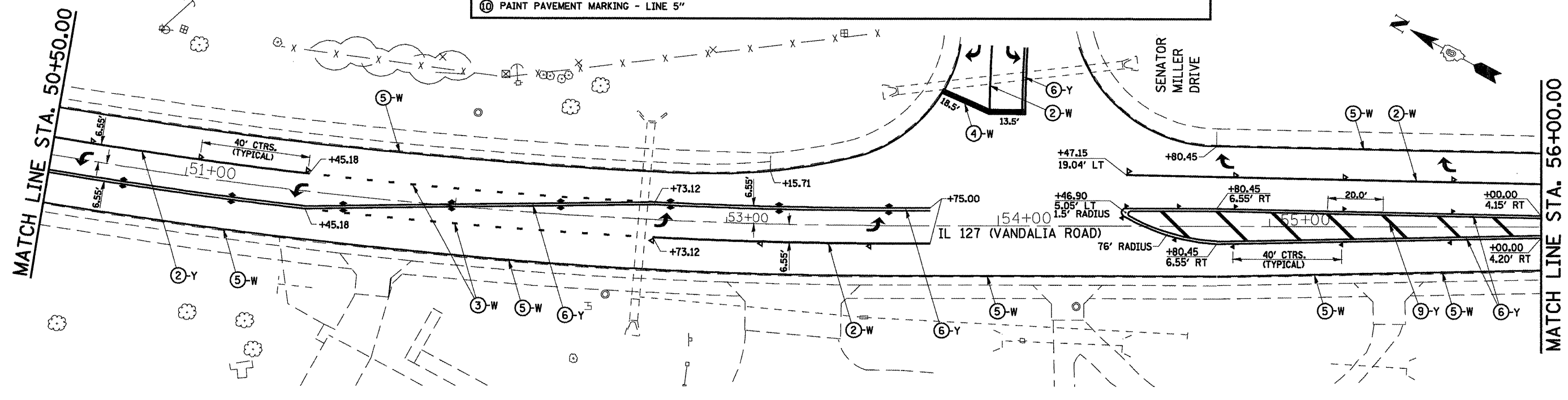


PAVEMENT MARKING LEGEND

① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"	↖ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"	▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)	▼ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"	◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"	⊗-W PAVEMENT MARKING, WHITE
⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)	⊗-Y PAVEMENT MARKING, YELLOW
⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6"	
⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"	
⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12"	
⑩ PAINT PAVEMENT MARKING - LINE 5"	

MATCH LINE STA. 50+50.00

MATCH LINE STA. 56+00.00



FILE NAME =
 USER NAME = laughlinr1
 PLOT SCALE = 40.0000' / IN.
 PLOT DATE = Mar-26-2010 12:00:28PM

DESIGNED - RTS	REVISED -
DRAWN - RTS	REVISED -
CHECKED - RTS	REVISED -
DATE - 3-10-10	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SHEET

SCALE: SHEET NO. 14 OF 15 SHEETS STA. TO STA.

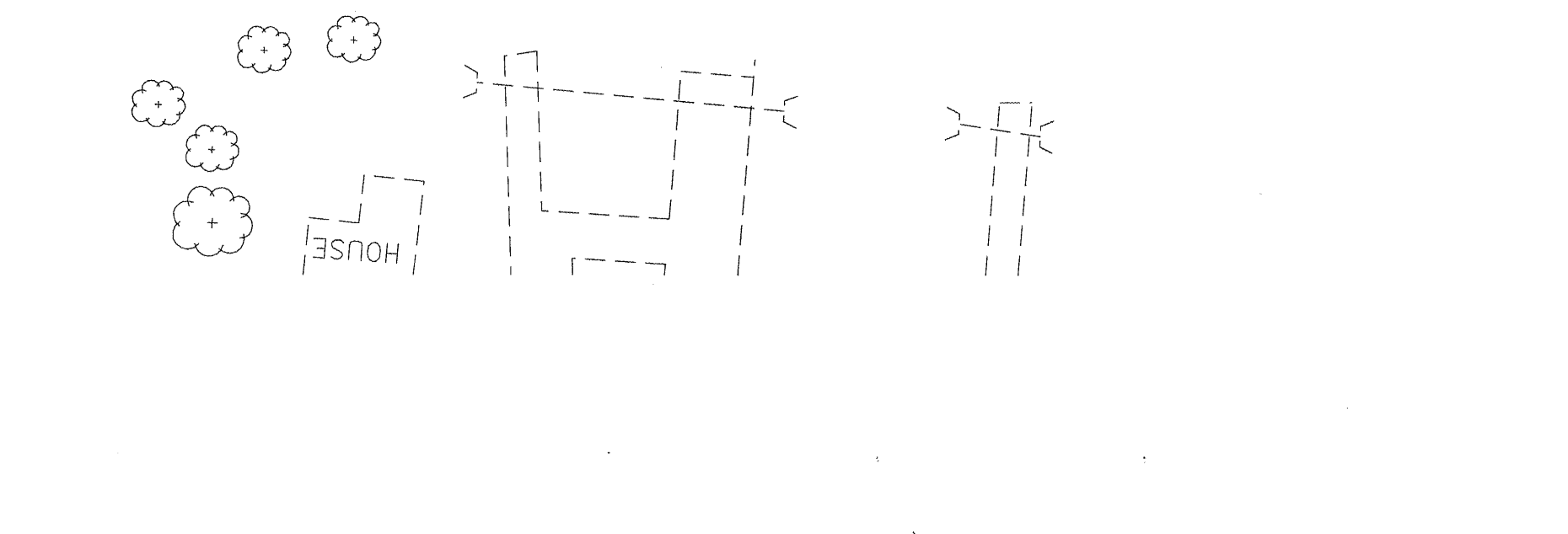
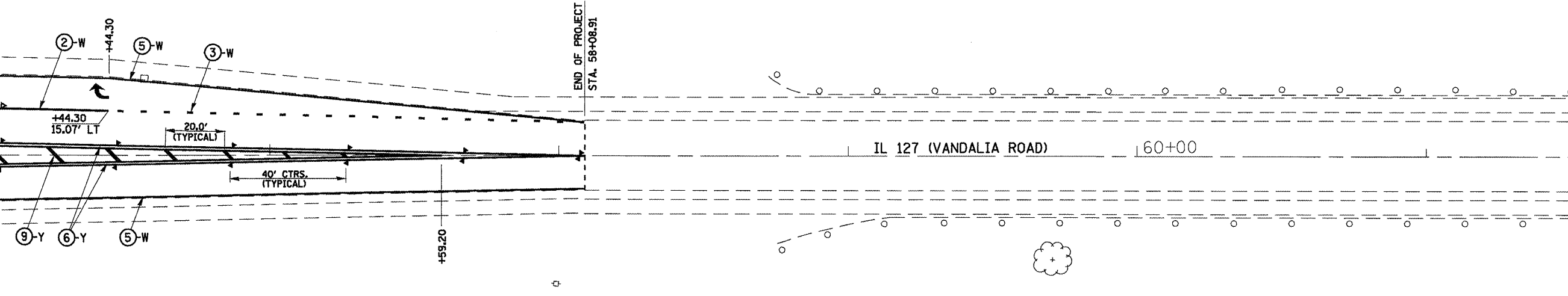
•-20RS-7, 21RS-6, 104RS, 105RS-4
 •-32S, 42

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	•	MONTGOMERY	60	50
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 56+00.00

MATCH LINE STA. 61+50.00

MATCH LINE STA. 61+50.00



PAVEMENT MARKING LEGEND

- ① PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 5"
- ② PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6"
- ③ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 6" (6' SKIP- 2' DASH)
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LINE 24"
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 5" (DOUBLE YELLOW LINES @ 13" CENTERS)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 6"
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ⑩ PAINT PAVEMENT MARKING - LINE 5"
- ↖ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B, INLAID - LETTERS AND SYMBOLS (WHITE)
- ▶ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO -WAY AMBER)
- ⊗-W PAVEMENT MARKING, WHITE
- ⊗-Y PAVEMENT MARKING, YELLOW

FILE NAME =
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USER NAME = laughlinr1
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PLOT DATE = Mar-26-2010 12:00:37PM

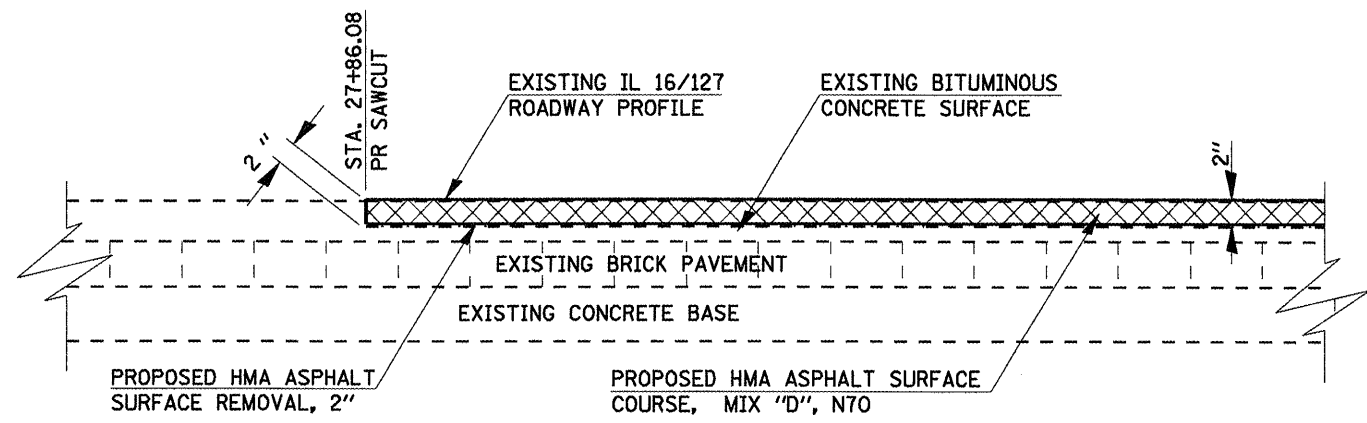
DESIGNED -	RTS	REVISED -	
DRAWN -	RTS	REVISED -	
CHECKED -	RTS	REVISED -	
DATE -	3-10-10	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

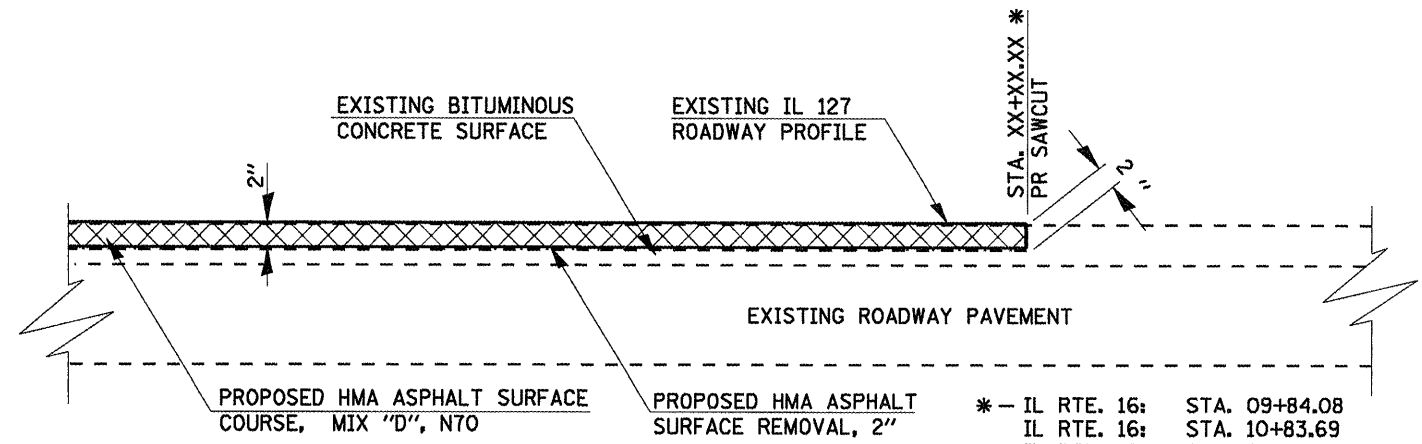
PAVEMENT MARKING SHEET
SCALE: SHEET NO. 15 OF 15 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	.	MONTGOMERY	60	51
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	

•-20RS-7, 21RS-6, 104RS, 105RS-4
•-325, 42

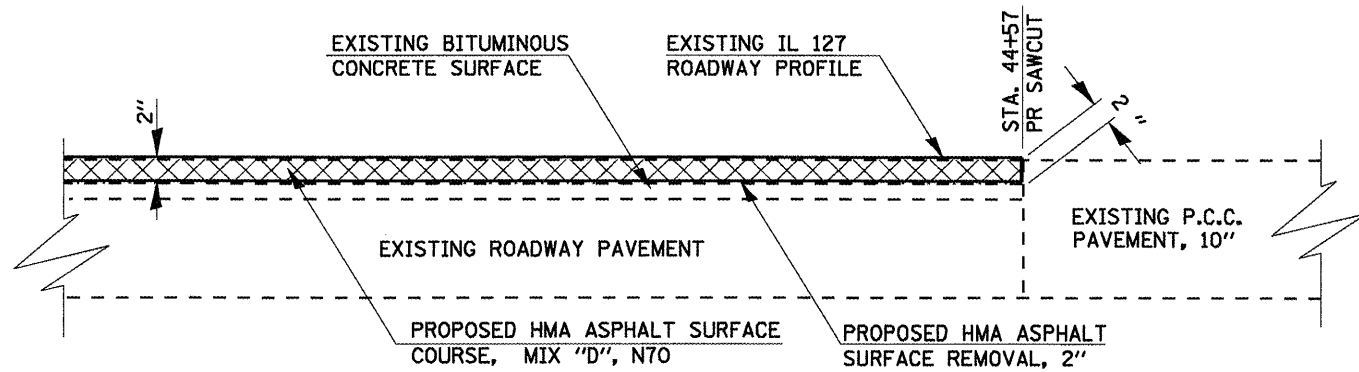


PROPOSED MAINLINE BUTT-JOINT
BEGINNING OF PROJECT ON IL RTE. 16/127



PROPOSED MAINLINE BUTT-JOINT
IL RTE. 16, IL RTE. 127

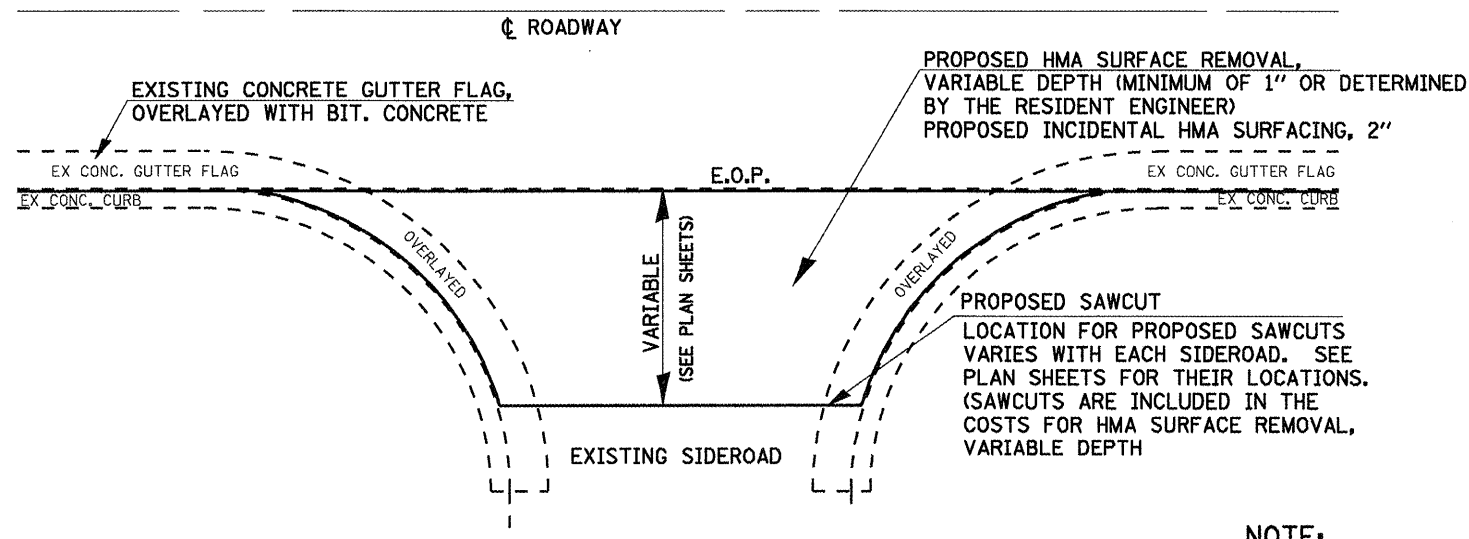
* - IL RTE. 16: STA. 09+84.08
 IL RTE. 16: STA. 10+83.69
 IL RTE. 127: STA. 58+08.91



PROPOSED MAINLINE BUTT-JOINT
END OF PROJECT ON IL RTE. 16

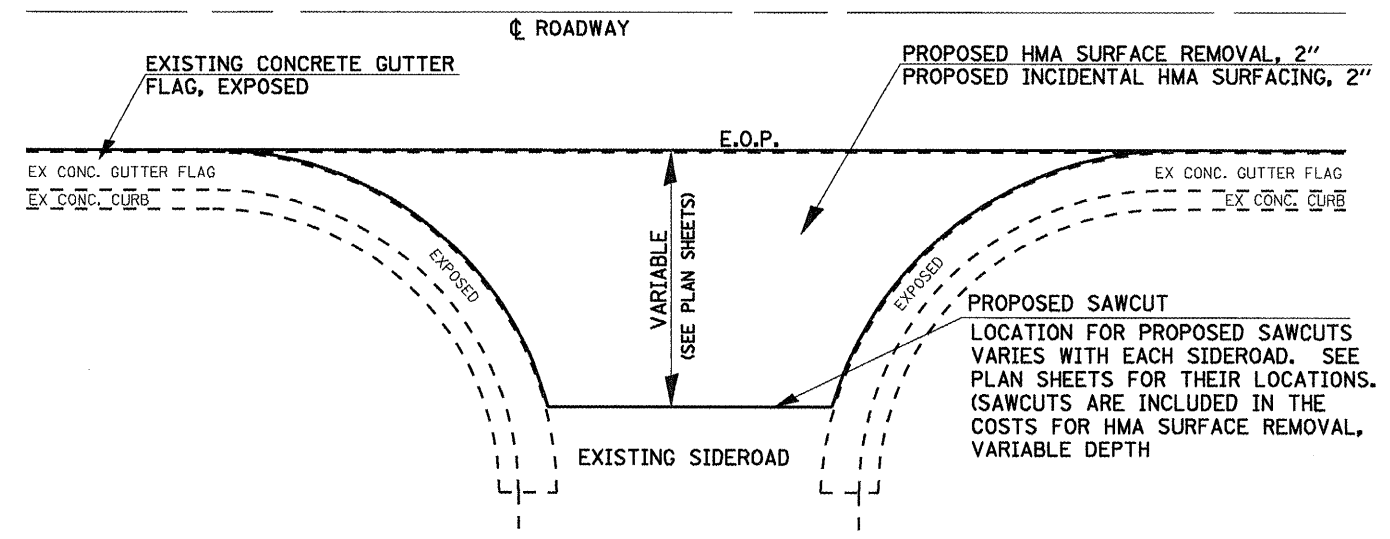
NOTE:

THE PROPOSED SAW CUTS FOR BUTT- JOINTS SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 2".



SIDEROADS WITH OVERLAYED GUTTER PANS

NOTE:
 SEE THE PLAN SHEETS FOR SIDEROAD RESURFACING TREATMENT WHERE THERE IS NO SIDEROAD CURB & GUTTER.



SIDEROADS WITH EXPOSED GUTTER PANS

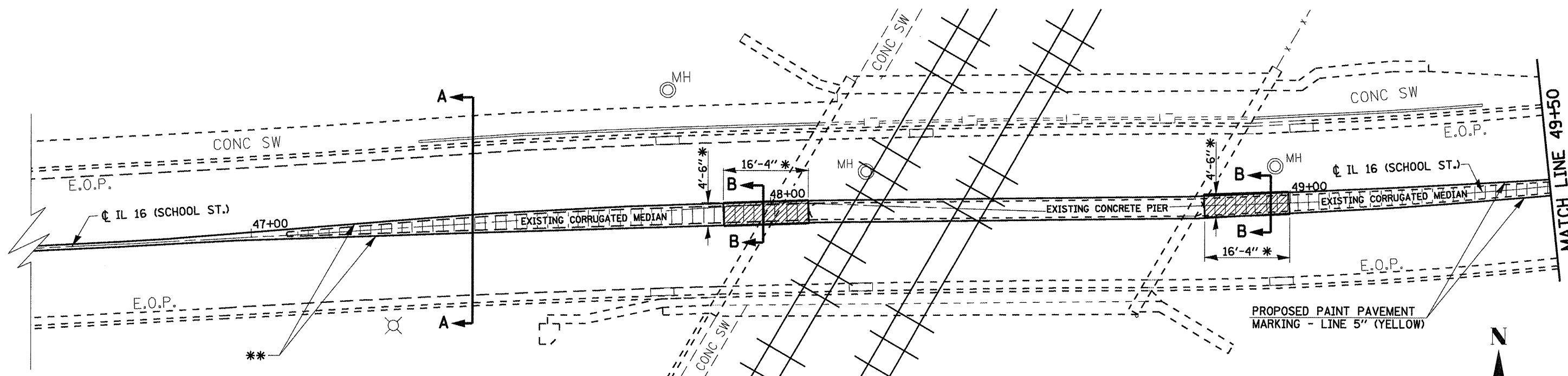
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PLOT DATE = May-26-2010 12:00:39PM		DATE - 01-29-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT-JOINT, ENTRANCE DETAIL	
SCALE:	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

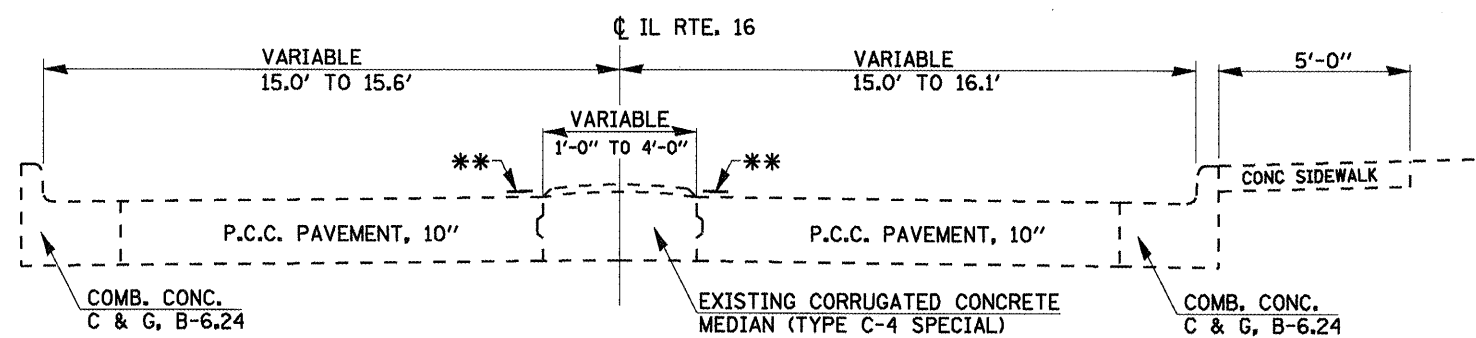
* - 20RS-7, 21RS-6, 104RS, 105RS-4
 ** - 42, 325

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	52
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

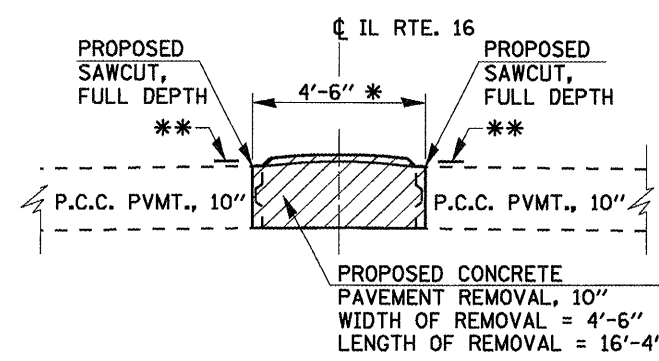


- PROPOSED CONCRETE PAVEMENT REMOVAL
TOTAL QUANTITY = 146.7 SQ FT
- PROPOSED SUB-BASE GRANULAR MATERIAL TYPE A, 4"
TOTAL QUANTITY = 16.3 SQ YD
- PROPOSED CONCRETE PAVEMENT, 10"
TOTAL QUANTITY = 16.3 SQ YD
(CONCRETE PAD TO BE USED FOR MOUNTING
PROPOSED IMPACT ATTENUATOR (FULLY REDIRECTIVE,
NARROW), TEST LEVEL 2

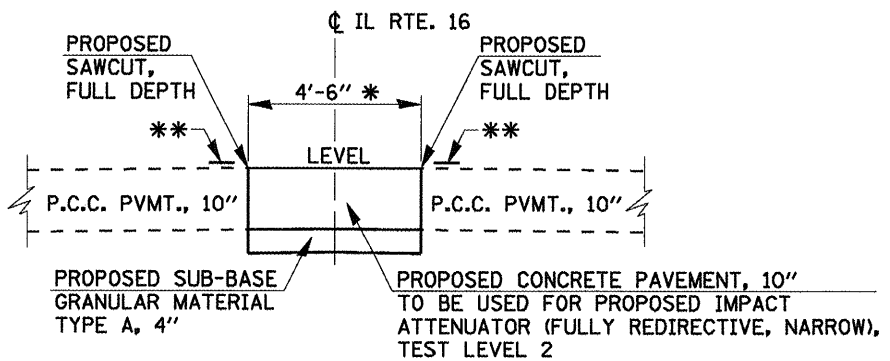
- * - THE RESIDENT ENGINEER SHALL DETERMINE THE FINAL PAVEMENT REMOVAL DIMENSIONS DEPENDANT UPON THE TYPE OF IMPACT ATTENUATOR SELECTED.
- ** - PROPOSED PAINT PAVEMENT MARKING - LINE 5"
STA. 44+57 TO STA. 47+90
STA. 49+00 TO STA. 51+00



SECTION A-A

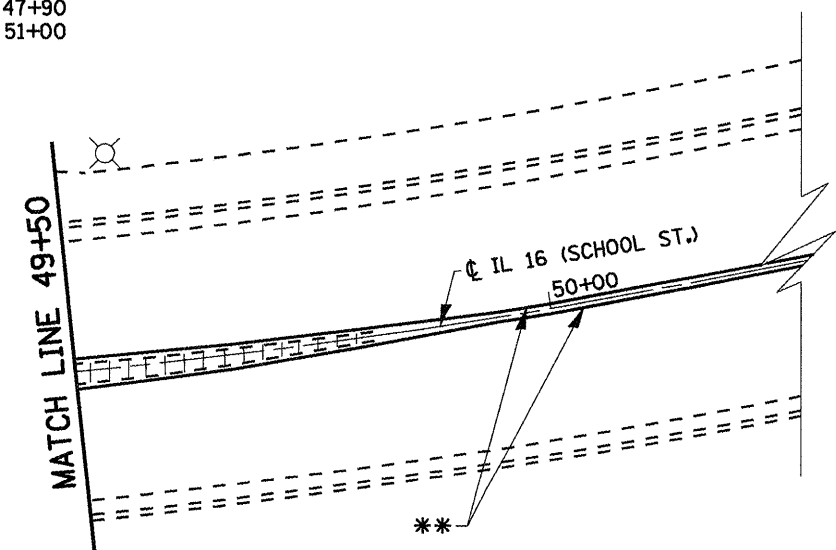


EXISTING SECTION B-B



PROPOSED SECTION B-B

NOTE:
ALL PROPOSED SAWCUTS, FULL DEPTH ARE TO BE INCLUDED IN THE COSTS FOR PROPOSED CONCRETE PAVEMENT REMOVAL.



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DATE - 01-29-10	REVISED -

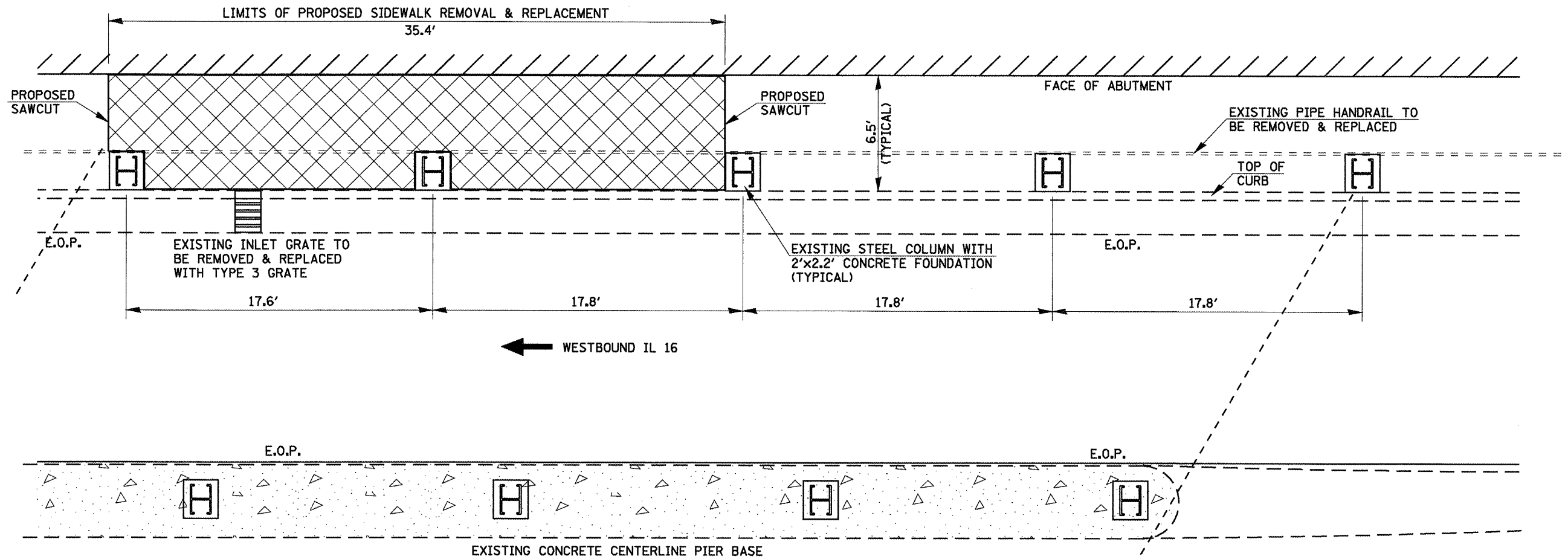
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IMPACT ATTENUATOR PAD DETAILS

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



*- 20RS-7, 21RS-6, 104RS, 105RS-4
**- 42, 325

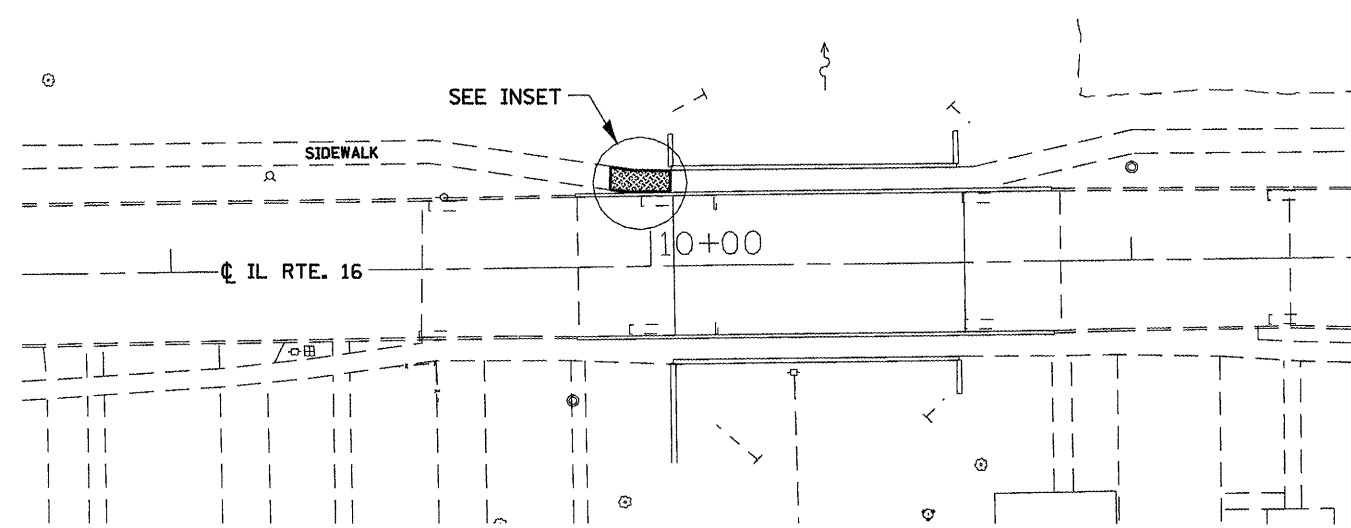
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	53
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



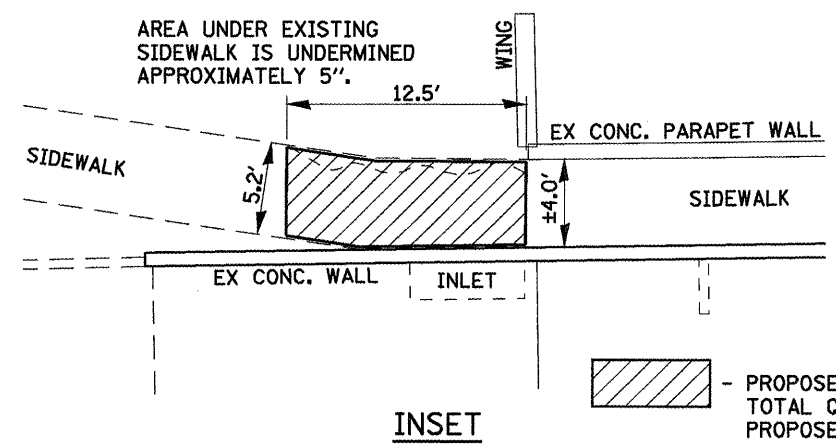
NOTE:
CAREFUL REMOVAL OF THE EXISTING SIDEWALK SHALL BE TAKEN AS TO NOT DAMAGE THE ABUTMENT WALL.

PLAN VIEW UNDER VIADUCT, IL 16

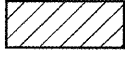


 - PROPOSED SIDEWALK REMOVAL
 TOTAL QUANTITY = 225.7 SQ FT
 - PROPOSED CONCRETE SIDEWALK, 4"
 TOTAL QUANTITY = 225.7 SQ FT



PLAN VIEW AT MIDDLE CREEK STRUCTURE, IL 16



NOTE:
CAREFUL REMOVAL OF THE EXISTING SIDEWALK SHALL BE TAKEN AS TO NOT DAMAGE THE CONCRETE WALL AND POSSIBLE DRAINAGE ITEMS BELOW THE SIDEWALK. CAREFUL COMPACTION OF PROPOSED SUB-BASE MATL. SHALL ALSO BE TAKEN AS TO NOT DAMAGE SAID ITEMS.

 - PROPOSED SIDEWALK REMOVAL
 TOTAL QUANTITY = 55.5 SQ FT
 - PROPOSED SUB-BASE GRAN MATL. TY. B, 5"
 TOTAL QUANTITY = 6.2 SQ YD
 - PROPOSED CONCRETE SIDEWALK, 4"
 TOTAL QUANTITY = 55.5 SQ FT

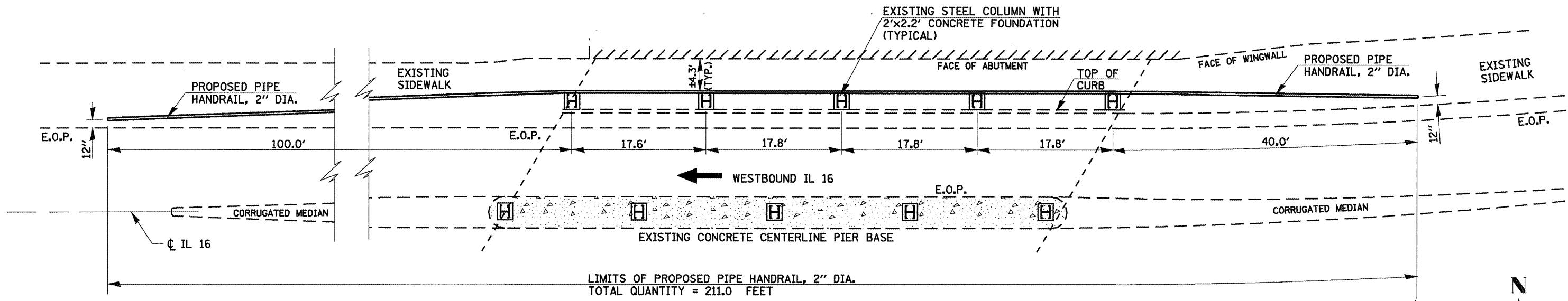
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PLOT DATE = Mar-26-2010 12:00:43PM		DATE - 01-29-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS			
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	54
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

*- 20RS-7, 21RS-6, 104RS, 105RS-4
**- 42, 325

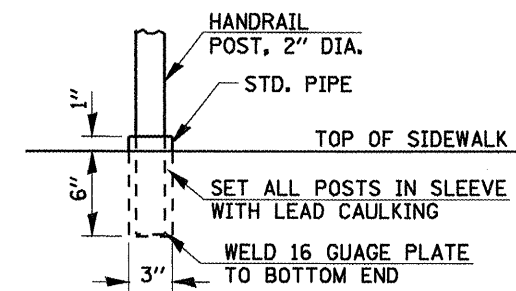
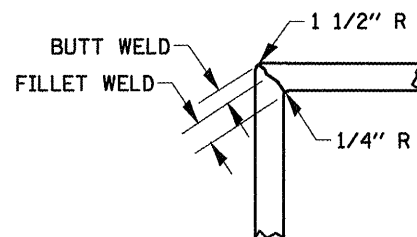


PLAN VIEW

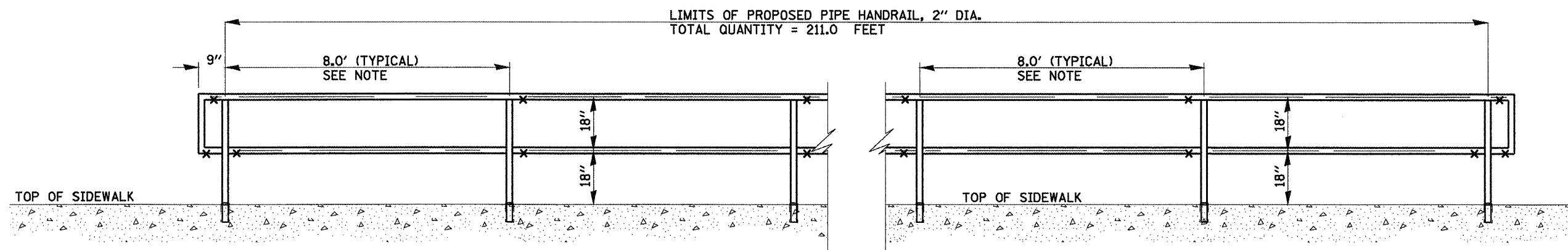
NOTES:

POSTS AND RAILS SHALL BE 2" DIA. GALVANIZED STANDARD STRUCTURAL STEEL PIPE @ 3.65 LBS. PER LINEAR FOOT. ALL CONNECTIONS-MITER, FULL BUTT WELD AND GRIND SMOOTH. PROVIDE 5/16" DIA. VENT HOLES PER SECTION AT LOCATIONS MARKED WITH AN 'X'.

THE CONTRACTOR SHALL PLACE THE HANDRAIL POSTS 8'-0" APART UNLESS PROPOSED POST HOLE SPACING IS IN CONFLICT WITH CONCRETE PIER BASE OR EXISTING POST HOLE. ALLOW 6" CLEAR DISTANCE WHEN PROPOSED POST HOLE IS IN CONFLICT. A MAXIMUM SPACING OF 8'-0" IS ALLOWED BETWEEN POSTS.



**HANDRAIL POST DETAIL
(ALL POSTS)**



ELEVATION VIEW

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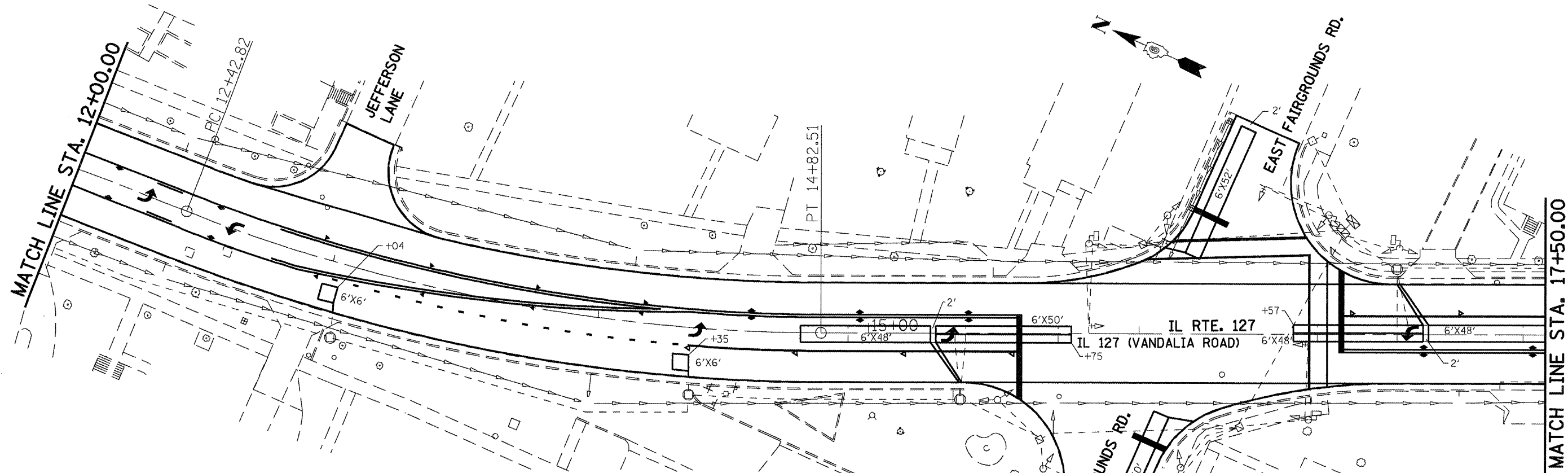
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DRAWN - RTS	REVISED -
CHECKED - MEB	REVISED -
DATE - 01-29-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PIPE HANDRAIL DETAILS
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

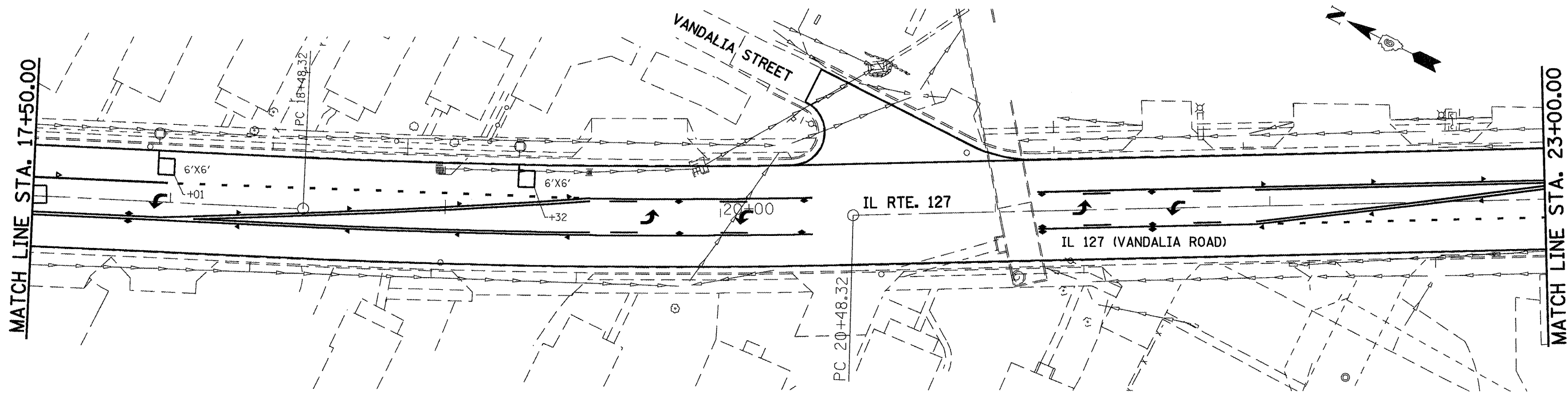
*- 20RS-7, 21RS-6, 104RS, 105RS-4
**- 42, 325

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	*	MONTGOMERY	60	55
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL QUANTITIES
IL 127 & FAIRGROUNDS RD.

QUANTITY	UNIT	ITEM
958.0	FOOT	DETECTOR LOOP, TY I
6	EACH	MODIFY EXISTING TRAFFIC SIGNAL BACKPLATE
3	EACH	TRAFFIC SIGNAL BACKPLATE



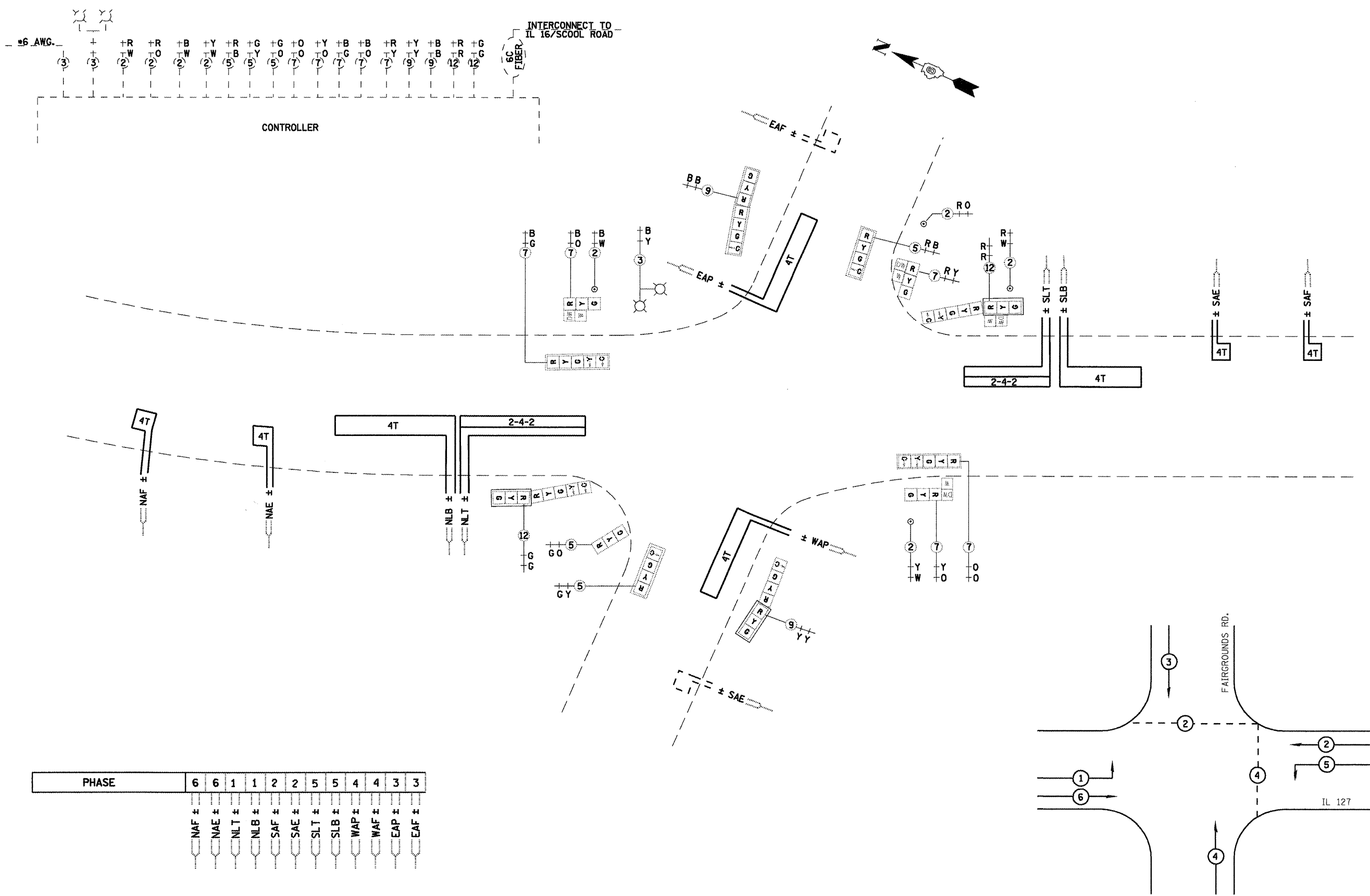
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC DETECTOR LOOP DETAILS	
SCALE:	SHEET NO. 1 OF 5 SHEETS STA. TO STA.

*-325, 42	
**-- 20RS-7, 21RS-6, 104RS, 105RS-4	
F.A.P. RTE.	SECTION
•	••
COUNTY	TOTAL SHEETS
MONTGOMERY	60
SHEET NO. 56	
CONTRACT NO. 72C52	
ILLINOIS FED. AID PROJECT	



*-325, 42
 **- 20RS-7, 21RS-6, 104RS, 105RS-4

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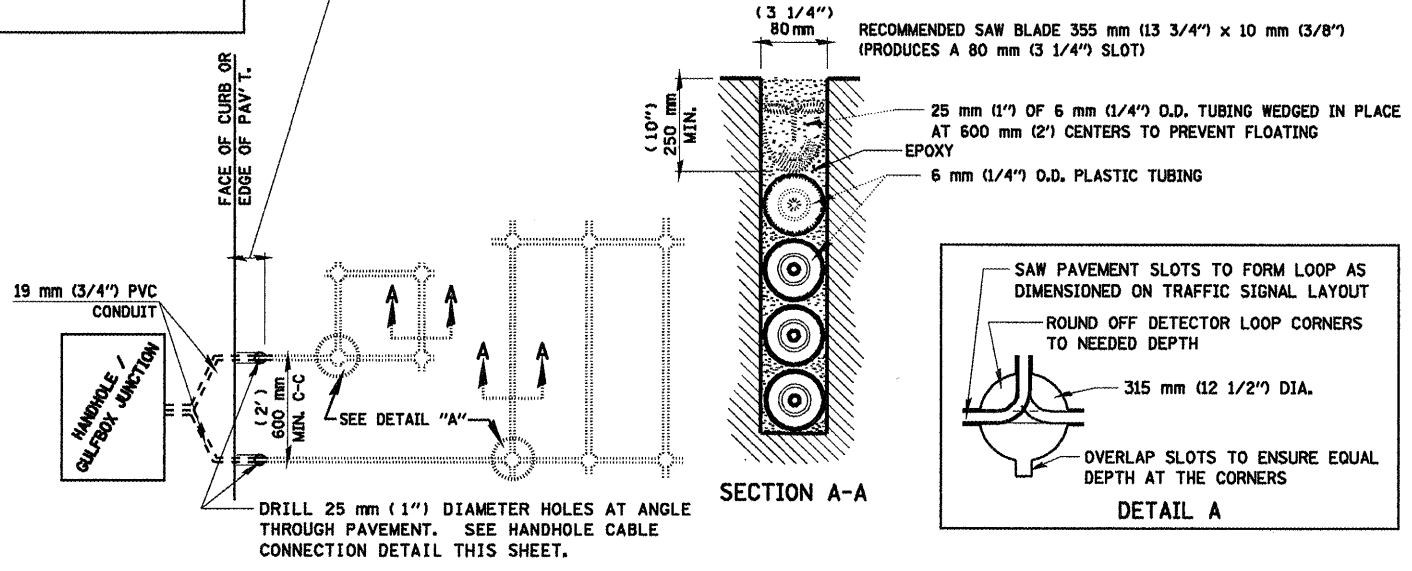
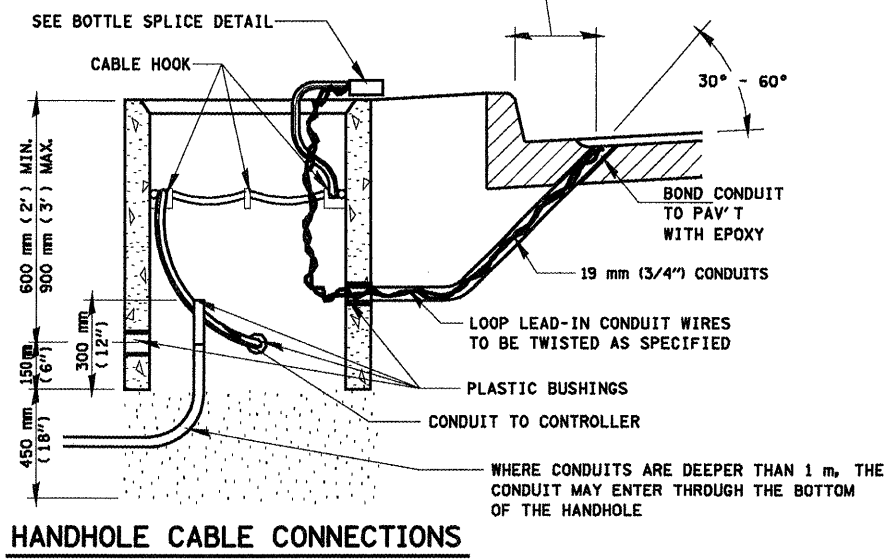
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC DETECTOR LOOP DETAILS	
SCALE:	SHEET NO. 2 OF 5 SHEETS STA. TO STA.

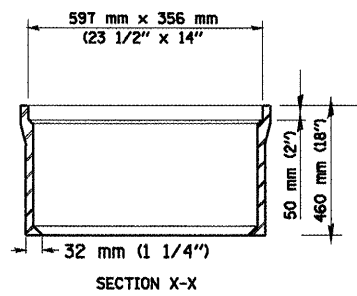
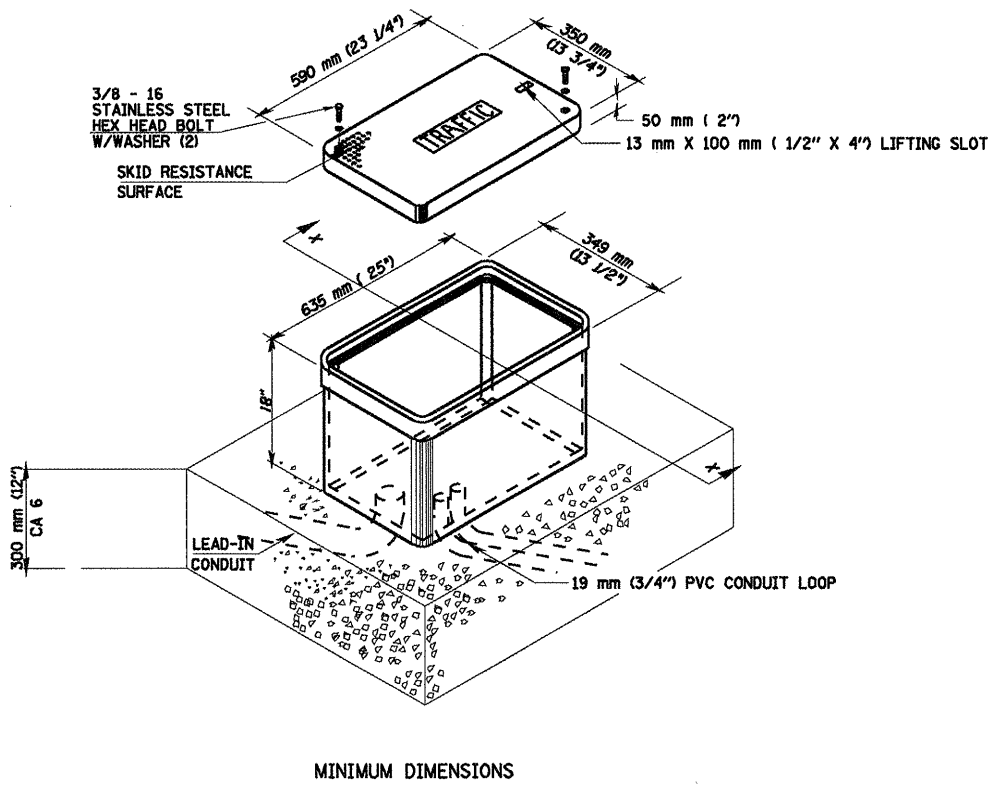
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MONTGOMERY	60	57
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

LENGTH OF SLACK FOR LOOP LEAD-INS SHALL PROVIDE FOR MAKING THE SPLICE ON TOP OF THE HANDHOLE AND ONE COMPLETE LOOP OF THE INTERIOR OF THE HANDHOLE, THE SPLICE SHALL BE SUPPORTED BY A CABLE HOOK.

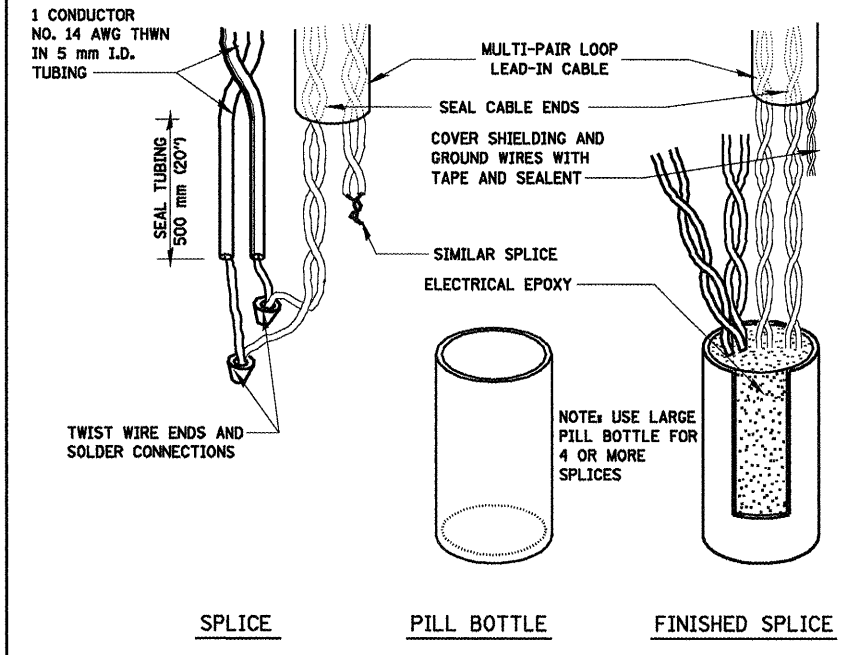
THE LOOP LEAD-IN CONDUIT HOLES SHALL BE PLACED AS CLOSE TO THE CURB AS POSSIBLE TO PERMIT SAW OVERLAP WITHOUT SCARRING FACE OF CURB. IN NON-CURB LOCATIONS THE DISTANCE SHALL NOT BE LESS THAN 150 mm (6").



PAVEMENT SAWING DETAIL FOR TUBE ENCASED DETECTOR LOOP WIRE



GULFBOX JUNCTION (SPECIAL)



BOTTLE SPLICE DETAIL

FILE NAME =	USER NAME = laughlir1	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

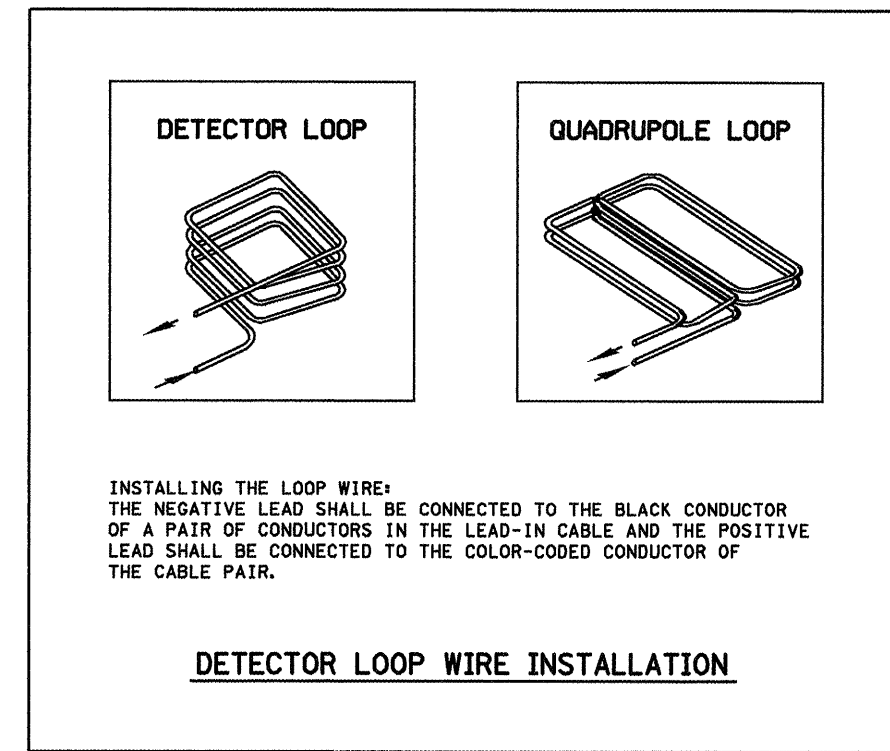
TRAFFIC DETECTOR LOOP DETAILS

SCALE: SHEET NO. 3 OF 5 SHEETS STA. TO STA.

*-325, 42
**- 20RS-7, 21RS-6, 104RS, 105RS-4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	MONTGOMERY	60	58
CONTRACT NO. 72C52				
ILLINOIS FED. AID PROJECT				

LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER				LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER															
		CALCULATED		METERED		CALCULATED		METERED				CALCULATED		METERED		CALCULATED		METERED													
		$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω			$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω												
FAIRGROUNDS & IL 127																															
SAF	4	138	0.29			178	6.14																								
SAE	4	138	0.29			166	4.43																								
SLB	2	185	0.69			204	3.51																								
SLT	2-4-2	417	1.23			436	4.05																								
NAF	4	138	0.29			148	1.66																								
NAE	4	138	0.29			147	1.53																								
NLB	2	185	0.69			185	0.69																								
NLT	2-4-2	413	1.23			413	1.23																								
WAP	2	192	0.72			192	0.72																								
EAP	2	197	0.72			197	0.72																								



- DETECTOR NOTES:**
1. THE DETECTOR LOOP SHALL BE CENTERED IN THE LANE IN WHICH IT IS SHOWN. ANY ADJUSTMENTS ARE TO BE MADE ONLY AT THE DIRECTION OF THE ENGINEER.
 2. THE DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
 3. ACCEPTANCE OF THE LOOPS AS METERED SHALL BE DETERMINED BY THE ENGINEER.
 4. ALL DETECTOR WIRES SHALL BE MARKED WITH WATERPROOF LABELS USING THE WIRING IDENTIFICATION SHOWN ON THE PLANS. THE + AND - OF EACH LOOP MUST BE USED TO IDENTIFY CURRENT FLOW. ALWAYS CONNECT THE BLACK WIRE OF EACH PAIR TO THE NEGATIVE (-) LOOP WIRE.
 5. ALL QUADRUPOLE LOOPS SHALL BE 2-4-2 DESIGN.

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PLOT DATE = Mar-26-2010 12:00:54PM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC DETECTOR LOOP DETAILS			
SCALE:	SHEET NO. 4 OF 5 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	MONTGOMERY	60	59
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	

*-325, 42
**- 20RS-7, 21RS-6, 104RS, 105RS-4

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SQ M (SQ FT)
		PC CONC SDWLK 100 mm IN SQ M (SQ YD)
		PC CONC SDWLK 100 mm SPECIAL IN SQ M (SQ YD)

LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING)
 SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8") SIGNAL SECTION
		300 mm (12") SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm (9") PEDESTRIAN SIGNAL FACE
		300 mm (12") PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN (TWISTED)
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR



*-325, 42
 **- 20RS-T, 21RS-6, 104RS, 105RS-4

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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC DETECTOR LOOP DETAILS			
SCALE:	SHEET NO. 5 OF 5 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	**	MONTGOMERY	60	60
CONTRACT NO. 72C52			ILLINOIS FED. AID PROJECT	