

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	6	EDGAR	35	1

• 1RS-4&101RS-6

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

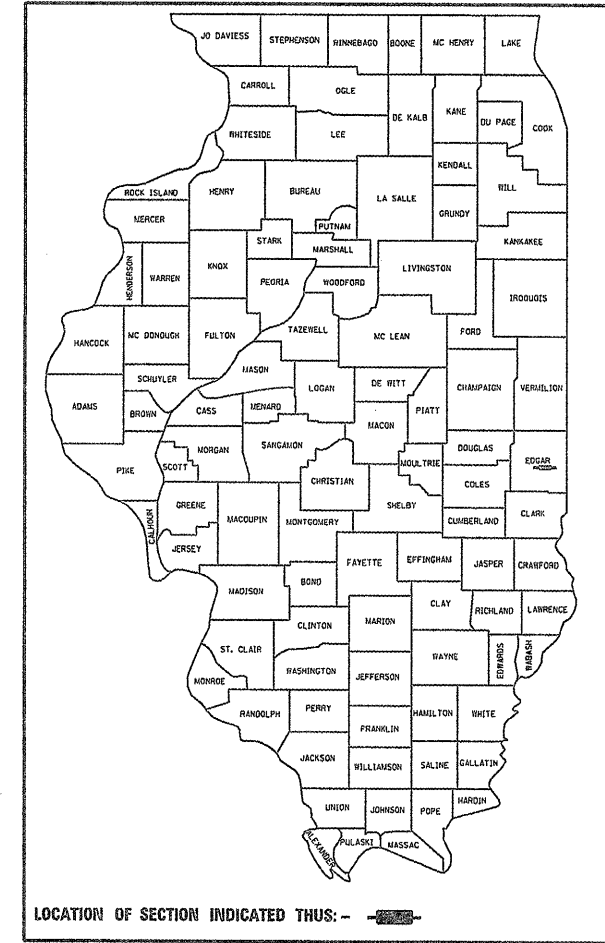
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 91 (IL-16)
SECTION 1RS-4&101RS-6
PROJECT ACF-0091(068)
EDGAR COUNTY

C-95-008-07

PAVING COLD MILLING
IL 133 TO LOWER TERRE HAUTE RD IN PARIS

D-95-008-07



LOCATION OF SECTION INDICATED THUS: -

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

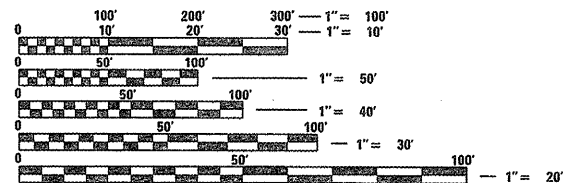
(217)465-4181

PROJECT ENGINEER: WANCY FASIG

DESIGNER/SQUAD LEADER: CORY SHEEHY

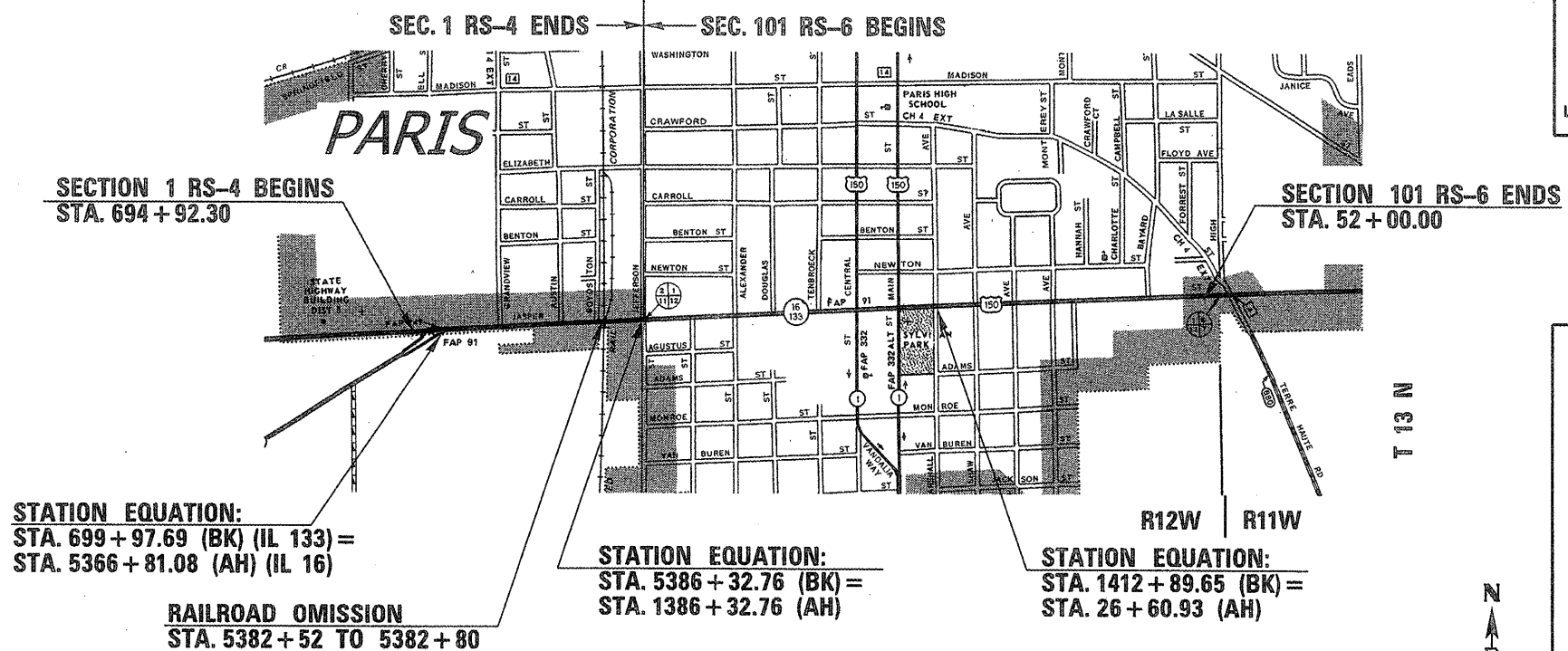
CURRENT ADT
10,000

DESIGN DESIGNATION
N/A



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



STATION EQUATION:
STA. 699 + 97.69 (BK) (IL 133) =
STA. 5366 + 81.08 (AH) (IL 16)

RAILROAD OMISSION
STA. 5382 + 52 TO 5382 + 80

STATION EQUATION:
STA. 5386 + 32.76 (BK) =
STA. 1386 + 32.76 (AH)

STATION EQUATION:
STA. 1412 + 89.65 (BK) =
STA. 26 + 60.93 (AH)

TOTAL LENGTH OF SECTION & PROJECT = 7,653 FEET = 1.449 MILES
NET LENGTH OF SECTION & PROJECT = 7,625 FEET = 1.444 MILES

T 13 N



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED: *4/6/08* 20 08
Joseph E. Gowan
DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

May 9, 2008
Eric E. Stamm
ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C & D PATCHES
701501-04	URBAN LANE CLOSURE 2 LANE, 2 WAY, UNDIVIDED
701502-02	URBAN LANE CLOSURE 2 LANE, 2 WAY, WITH BIDIRECTIONAL LEFT TURN LANE
701606-05	URBAN LANE CLOSURE, MULTILANE, 2 WAY WITH MOUNTABLE MEDIAN
701701-05	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
781001-02	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001	DETECTOR LOOP INSTALLATIONS
886006	TYPICAL LAYOUT FOR DETECTION LOOPS

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT.
WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. Gale Free
Roadmaster
CSX Transportation
564 CSX Lane
Danville, IL 61834
(217) 442-0126

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

Dave Fette
1717 Dixie Hwy
Suite 400
Ft Wright, KY 41011
859-344-8137

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

G.N.-406.05b
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N. -406H
MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location	US 150 & IL 16	US 150 & IL 16	US 150 & IL 16	US 150 & IL 16
Mixture Use	Polymerized Surface	Polymerized Level Binder	Incidental & Shoulders	Class D Patching
AC/PG	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22
RAP % (Max)	10%	10%	10%	10%
Design Air Voids	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate	Mix D	Mix C	Mix C	N.A.

G.N.-406.10
FOR MULTILANE RESURFACING

WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE (DRIVING) TRAFFIC LANE(S).

ANY DELAYS OR INCONVENIENCES CAUSED THE CONTRACTOR IN COMPLYING WITH THIS REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE VARIOUS HOT-MIX ASPHALT PAY ITEMS, AS SHOWN IN THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-408B
THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED,

AT THE FOLLOWING LOCATIONS:

IL-16
Main St.
Central Ave.

G.N.-442B -- PATCHING SCHEDULES
THE PATCHING SCHEDULES INCLUDED IN THE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES OF BOTH FULL-DEPTH AND PARTIAL-DEPTH PATCHES MAY OCCUR.

G.N.-667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9 m) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

G.N. - 873
EXISTING DETECTOR LOOPS IN THE AREAS OF PROPOSED SURFACE REMOVAL SHALL BE REPLACED PER THE EXISTING SIZE AND LOCATION EXCEPT AS NOTED IN THE PLANS. EXISTING DETECTOR LOOPS SHALL BE DISCONNECTED AT THE GULFBOX JUNCTION OR HANDHOLE PRIOR TO COLD MILLING AT THAT RESPECTIVE LOCATION. NEW DETECTOR LOOPS SHALL BE CONNECTED TO THE RESPECTIVE EXISTING AMPLIFIER. IN GENERAL, ADVANCED DETECTOR LOOPS FOR DILEMMA ZONE PROTECTION LOCATED AT THE SAME STATION SHALL BE GROUPED TOGETHER ON A COMMON AMPLIFIER. PRESENCE LOOPS SHALL BE GROUPED BY LANE ON A COMMON AMPLIFIER. DETECTOR LOOPS SHALL NOT BE WIRED IN SERIES.

WHERE IT IS NECESSARY TO INSTALL MORE THAN ONE LOOP LEAD-IN IN A CONDUIT, LEAD-INS SHARING THE SAME CONDUIT SHALL BE ON A COMMON AMPLIFIER.

COMMITMENTS
NO COMMITMENTS ARE REQUIRED FOR THIS PROJECT.

FILE NAME : c:\projects\0500007 (v8)\70638text.dgn	USER NAME : sheehym	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES - IL-16 PAVING & COLD MILLING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE : 40.0000' / IN.	CHECKED -	REVISED -	91			IRS-4&10IRS-6	EDGAR	35	3	
PLOT DATE : 3/26/2008	DATE -	REVISED -	CONTRACT NO. 70638							
			SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

sheet 1 of 2

70638

FAP-91(IL-16)

URBAN
STA. 694+92
to
STA. 52+00

LOCATION OF WORK:

80% FED
20% STATE

CONSTRUCTION TYPE CODE:

1000-2A

CODE NO	ITEM	UNIT	TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	7,067.0
40600300	AGGREGATE (PRIME COAT)	TON	106.0
40600845	POLYMERIZED LEVELING BINDER (MACHINEMETHOD), N90	TON	1,466.0
40600990	TEMPORARY RAMP	SQ YD	289.0
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACECOURSE, MIX "D", N90	TON	2,784.0
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	158.0
40800030	AGGREGATE (PRIME COAT)	TON	6.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	303.0
44000154	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/4"	SQ YD	1,371.0
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	33,142.0
44000196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	4,286.0
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	37.0
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	111.0
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	1,613.0
56109210	WATER VALVES TO BE ADJUSTED	EACH	6.0
60255500	MANHOLES TO BE ADJUSTED	EACH	6.0
67100100	MOBILIZATION	L SUM	1.0
70102620	TRAFFIC CONTROL AND PROTECTION,STANDARD 701501	L SUM	1.0
70102622	TRAFFIC CONTROL AND PROTECTION,STANDARD 701502	L SUM	1.0
70102625	TRAFFIC CONTROL AND PROTECTION,STANDARD 701606	L SUM	1.0
70102635	TRAFFIC CONTROL AND PROTECTION,STANDARD 701701	L SUM	1.0

FILE NAME : c:\projects\4500807 iv8\70638\text.dgn	USER NAME : sheehygm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES - IL-16 PAVING & COLD MILLING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			91	1RS-4&10IRS-6	EDGAR	35	4	
		CHECKED -	REVISED -			CONTRACT NO. 70638					
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

sheet 2 of 2

70638

FAP-91(IL-16)

URBAN
STA. 694+92
to
STA. 52+00

LOCATION OF WORK:

80% FED
20% STATE

CONSTRUCTION TYPE CODE:

I000-2A

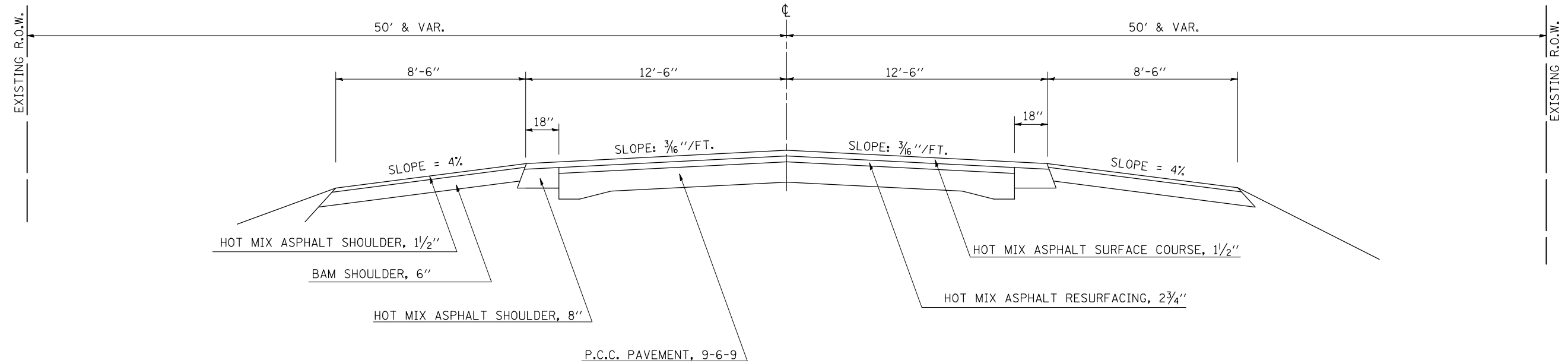
TOTAL

CODE NO	ITEM	UNIT	QUANTITY
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	15,385.0
70300220	TEMPORARY PAVEMENT MARKING- LINE 4"	FOOT	19,794.0
70300240	TEMPORARY PAVEMENT MARKING- LINE 6"	FOOT	820.0
70300260	TEMPORARY PAVEMENT MARKING- LINE 12"	FOOT	254.0
70300280	TEMPORARY PAVEMENT MARKING- LINE 24"	FOOT	300.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	14.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	1,657.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING- LINE 4"	FOOT	19,794.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING- LINE 6"	FOOT	820.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING- LINE 12"	FOOT	254.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	300.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	154.0
78300200	RAISED REFLECTIVE PAVEMENT MARKERREMOVAL	EACH	154.0
* 88600100	DETECTOR LOOP, TYPE I	FOOT	60.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0
XX005808	MEDIAN REMOVAL (SPECIAL)	SQ YD	585.0
Z0010900	COLD MILLING (SPECIAL)	FOOT	600.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	3.0
* DENOTES SPECIALITY ITEMS			

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		CHECKED -	REVISED -			CONTRACT NO. 70638						
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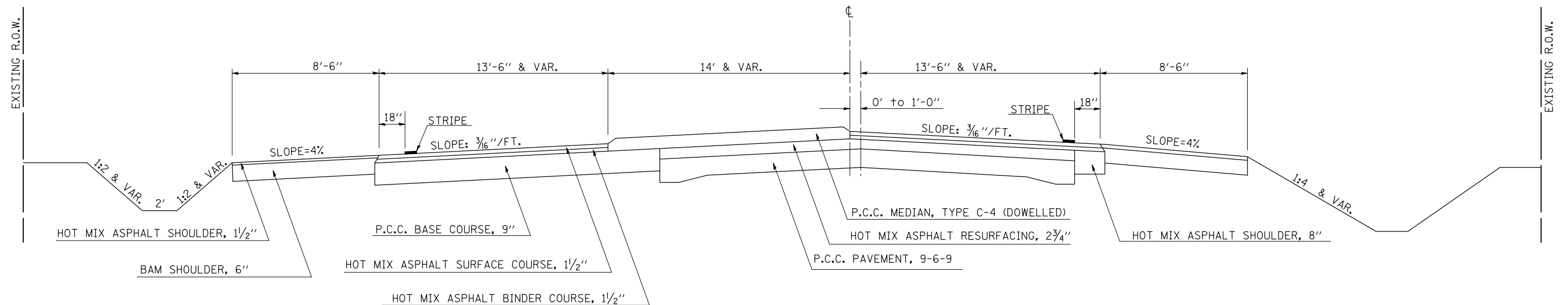
EXISTING TYPICAL CROSS SECTION

FAP 749 (IL-133)
STATION 694+92.30 TO STATION 697+07.00



EXISTING TYPICAL CROSS SECTION

F. A. P. 749 (IL 133)
STATION 697+07.00 TO STATION 699+97.69
STATION EQUATION
STA. 699+97.69 (BK) = STA. 5366+81.08 (AH)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

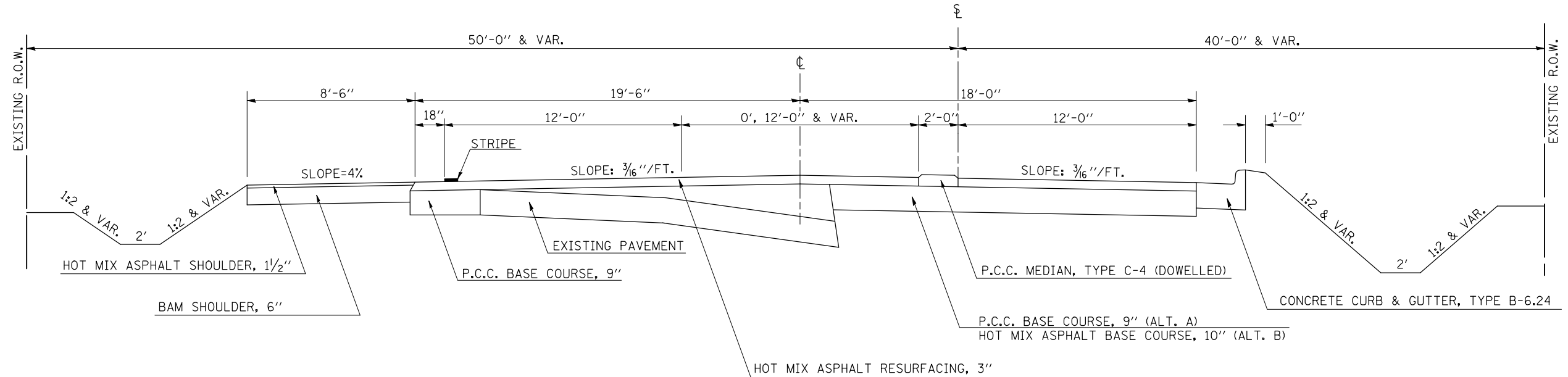
**EXISTING TYPICAL X-SECTIONS
PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	6
CONTRACT NO. 70638				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

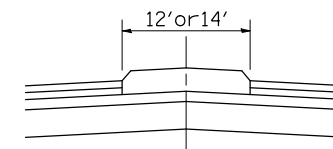
EXISTING TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)
 STATION 5366+81.06 TO STATION 5373+00.00
 STATION EQUATION
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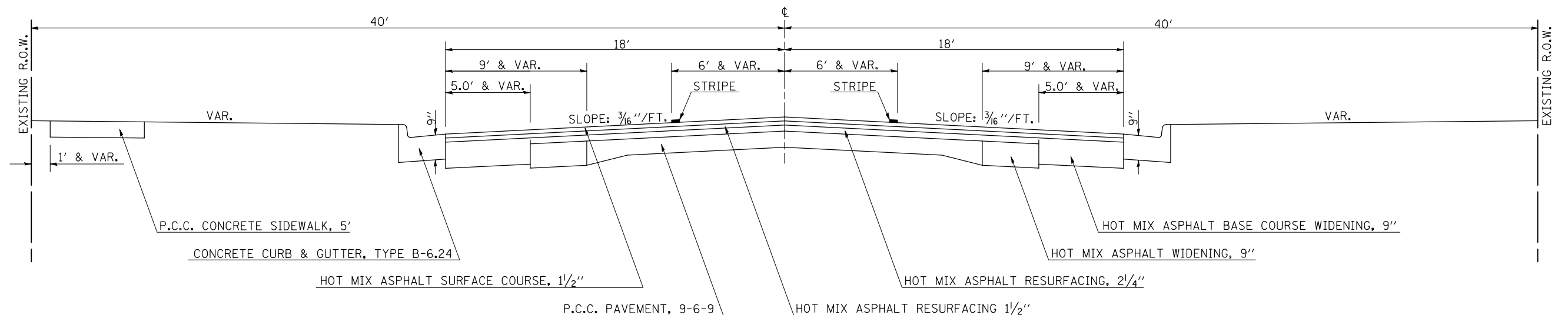


EXISTING TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)
 STATION 5373+00.00 TO STATION 5386+32.76
 STATION EQUATION
 STA. 5386+32.76 (BK) = STA. 1386+32.76 (AH)
 PAVING OMISSION (RR CROSSING)
 STA. 5382+52 = STA. 5382+80



DETAIL WITH P.C.C. MEDIAN, TYPE C-4 (DOWELLED)
 STATION 5373+60.4 TO STATION 5373+77.8
 STATION 5382+33 TO STATION 5383+46



FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
ct:\projects\d500807 (v8)\70638typicals.dgn		DRAWN -	REVISED -
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		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL X-SECTIONS
 PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS

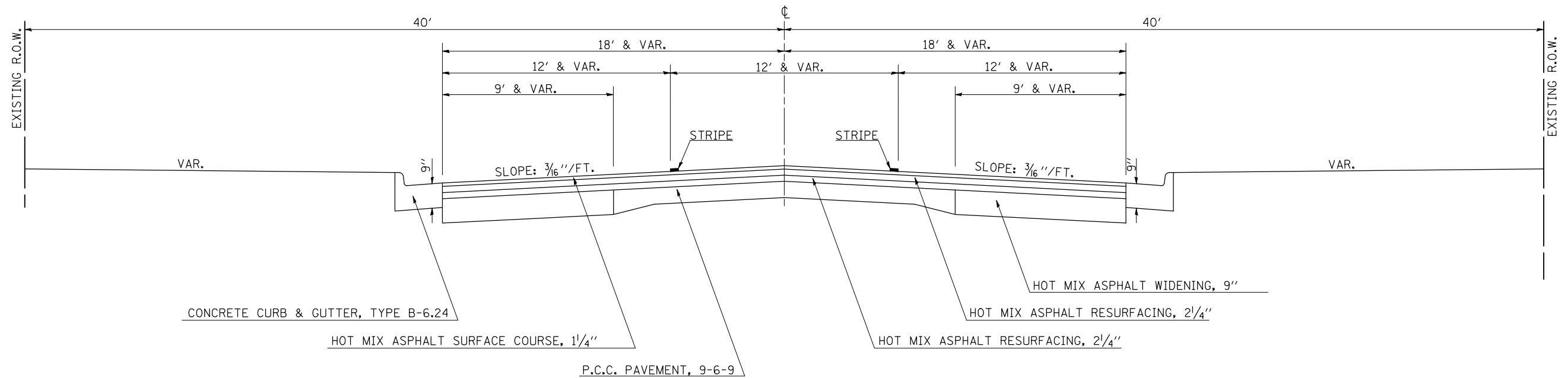
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70638				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION

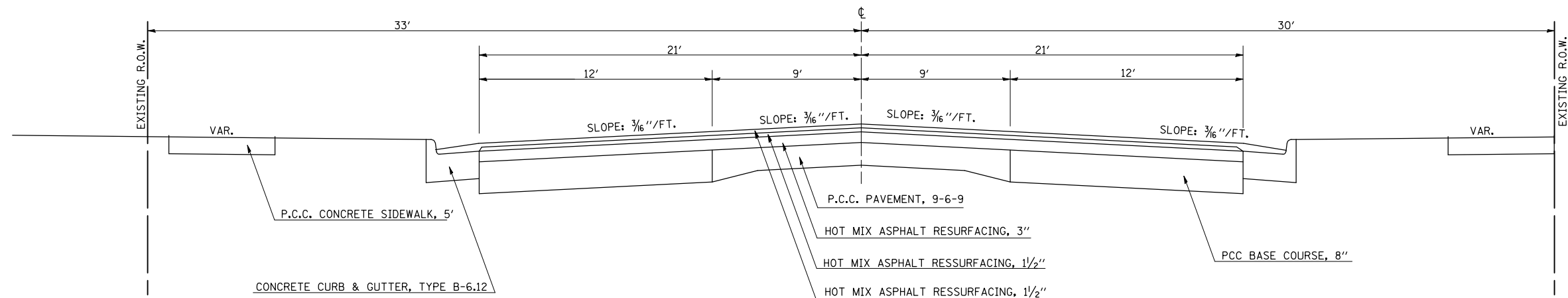
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 STATION 1386+32.76 TO STATION 1404+04.00

STATION EQUATION
 STA. 5386+32.76 (BK) = STA. 1386+32.76 (AH)



EXISTING TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)
 STATION 1404+04 TO TO STATION 1411+00



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ct:\projects\d500807 (v8)\70638typicals.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL X-SECTIONS
 PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS**

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

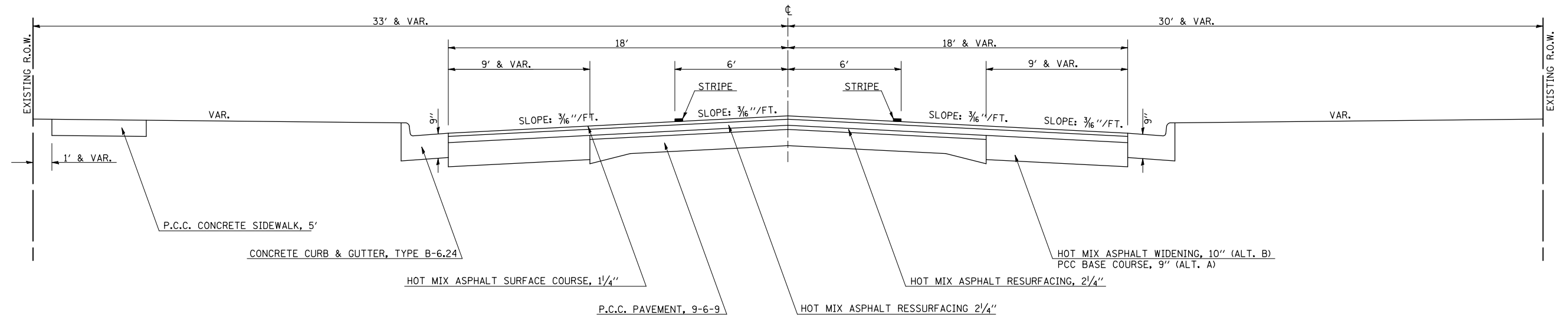
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91	• 1 RS-4 & 101 RS-6	EDGAR	35	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	

EXISTING TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)
STATION 1411+00.00 TO STATION 38+90.00

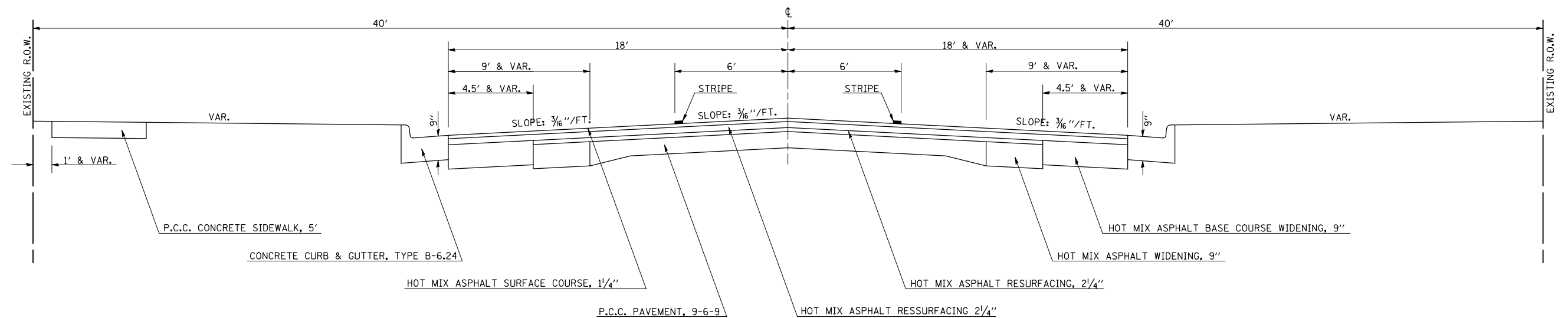
STATION EQUATION

STA. 1412+89.65 (BK) = STA. 26+60.93 (AH)



EXISTING TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)
STATION 38+90.00 TO STATION 52+00.00



FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
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	PLOT DATE = 3/26/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

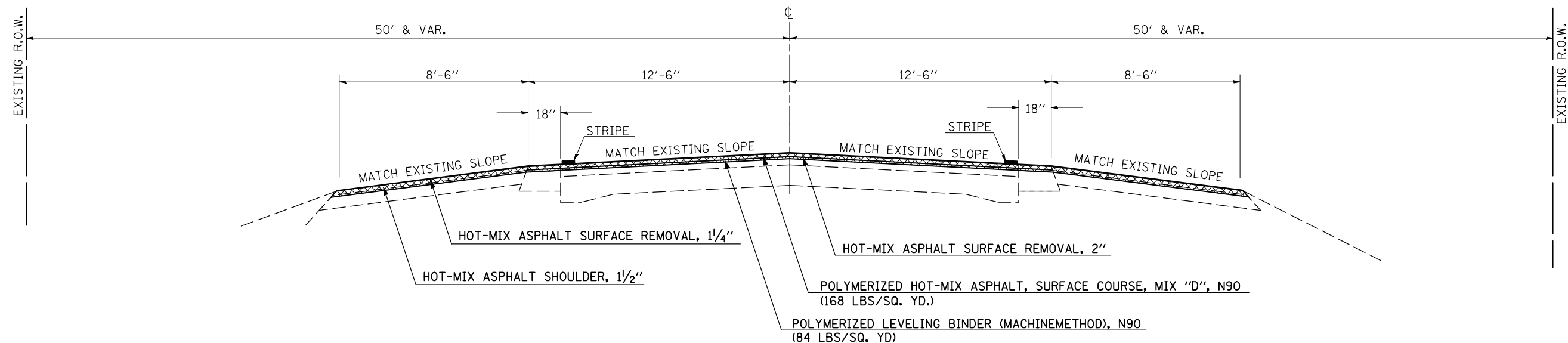
**EXISTING TYPICAL X-SECTIONS
PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	9
CONTRACT NO. 70638				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

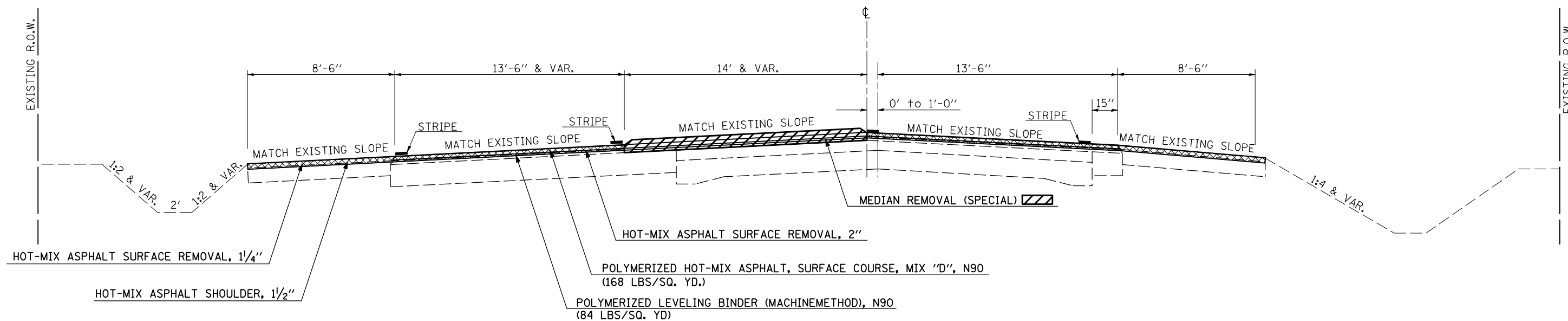
① PROPOSED TYPICAL CROSS SECTION

FAP 749 (IL-133)
STATION 694+92.30 TO STATION 697+07.00 ②



② PROPOSED TYPICAL CROSS SECTION

F. A. P. 749 (IL 133)
① STATION 697+07.00 TO STATION 699+97.69 ③
STATION EQUATION
STA. 699+97.69 (BK) = STA. 5366+81.08 (AH)



FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
ct:\projects\d500807 (v8)\70638\typicals.dgn		DRAWN -	REVISED -
	PLOT SCALE = 42.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

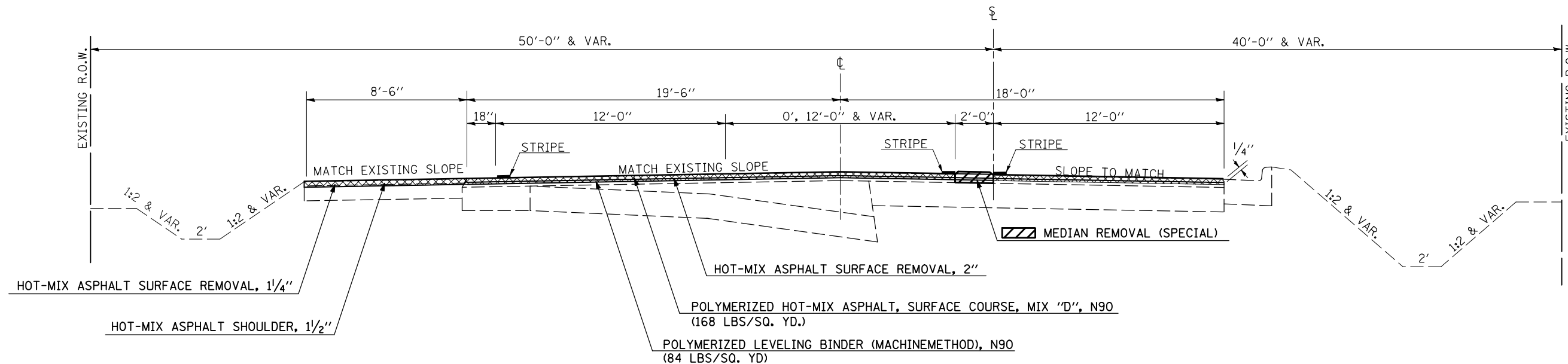
**PROPOSED TYPICAL X-SECTIONS
PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	10
CONTRACT NO. 70638				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

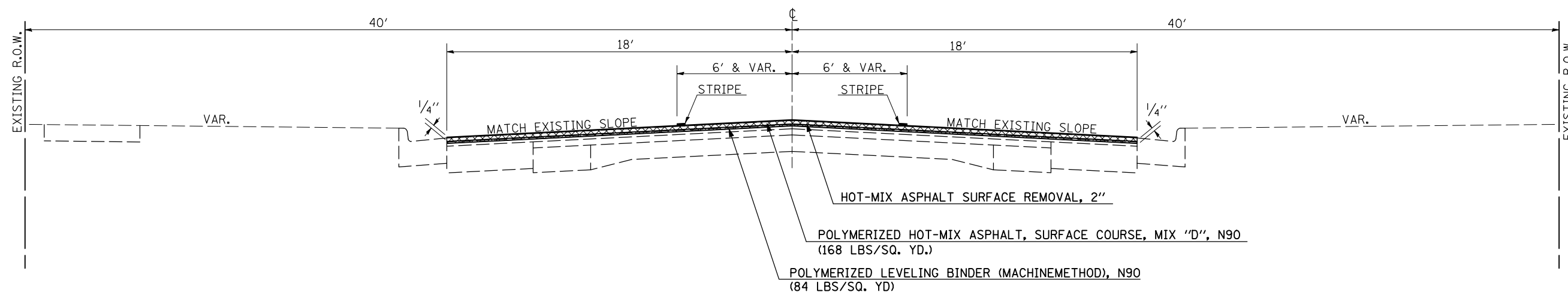
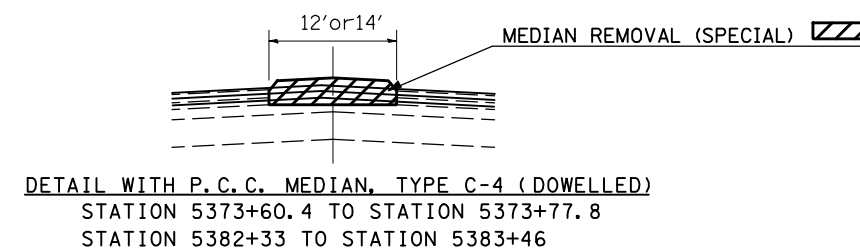
③ PROPOSED TYPICAL CROSS SECTION

F. A. 91 JASPER STREET (IL 16)
 ② STATION 5366+81.06 TO STATION 5373+00.00 ④
 STATION EQUATION
 STA. 699+97.69 (BK) = STA. 5366+81.08 (AH)



④ PROPOSED TYPICAL CROSS SECTION

F. A. 91 JASPER STREET (IL 16)
 ③ STATION 5373+00.00 TO STATION 5386+31.58.00 ⑤
 STATION EQUATION
 STA. 5386+32.76 (BK) = STA. 1386+32.76 (AH)
 PAVING OMISSION (RR CROSSING)
 STA. 5382+52 = STA. 5382+80



FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL X-SECTIONS PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\d500807 (v8)\70638typicals.dgn		DRAWN -	REVISED -			91	• 1 RS-4 & 101 RS-6	EDGAR	35	11
PLOT SCALE = 42.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70638				
PLOT DATE = 3/26/2008		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

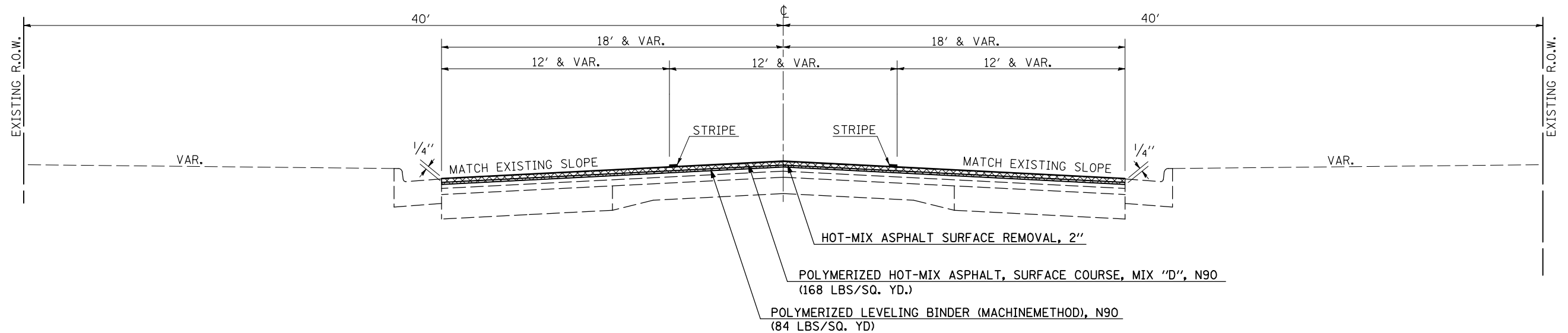
⑤ PROPOSED TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)

④ STATION 1386+32.76 TO STATION 1404+04.00 ⑥

STATION EQUATION

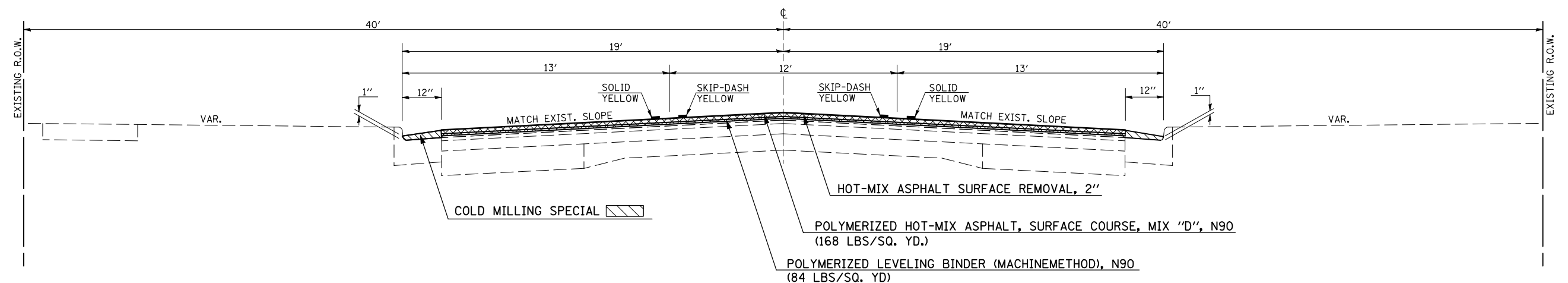
STA. 5386+32.76 (BK) = STA. 1386+32.76 (AH)



⑥ PROPOSED TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)

⑤ STATION 1404+04 TO TO STATION 1411+00 ⑦



FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
ct\projects\d500807 (v8)\70638typicals.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL X-SECTIONS
PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	12
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	

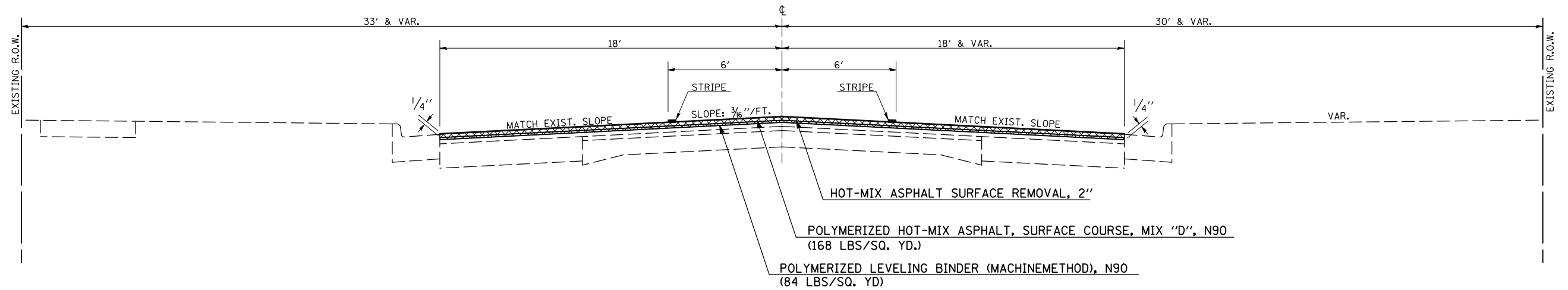
⑦ PROPOSED TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)

⑥ STATION 1411+00.00 TO STATION 38+90.00 ⑧

STATION EQUATION

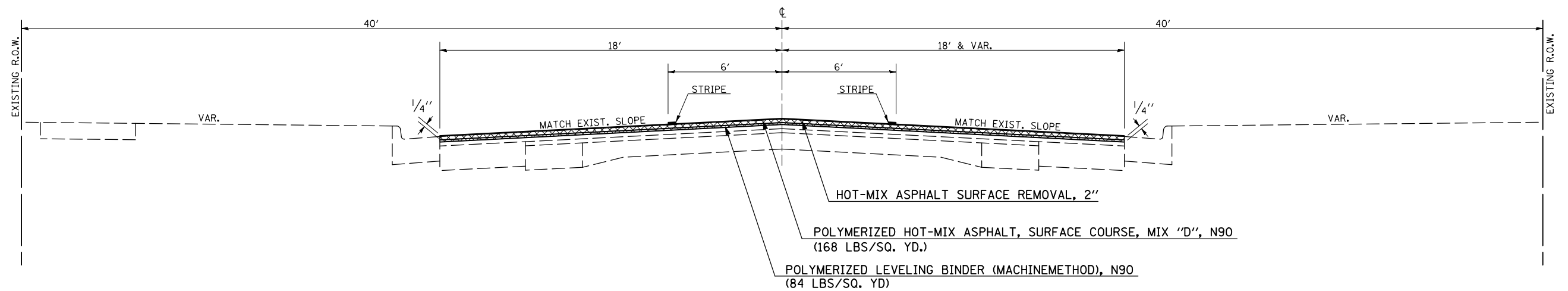
STA. 1412+89.65 (BK) = STA. 26+60.93 (AH)



⑧ PROPOSED TYPICAL CROSS SECTION

(F. A. 91 JASPER STREET)

⑦ STATION 38+90.00 TO STATION 52+00.00



FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
ct\projects\d500807 (v8)\70638typicals.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL X-SECTIONS
PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	13
CONTRACT NO. 70638				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

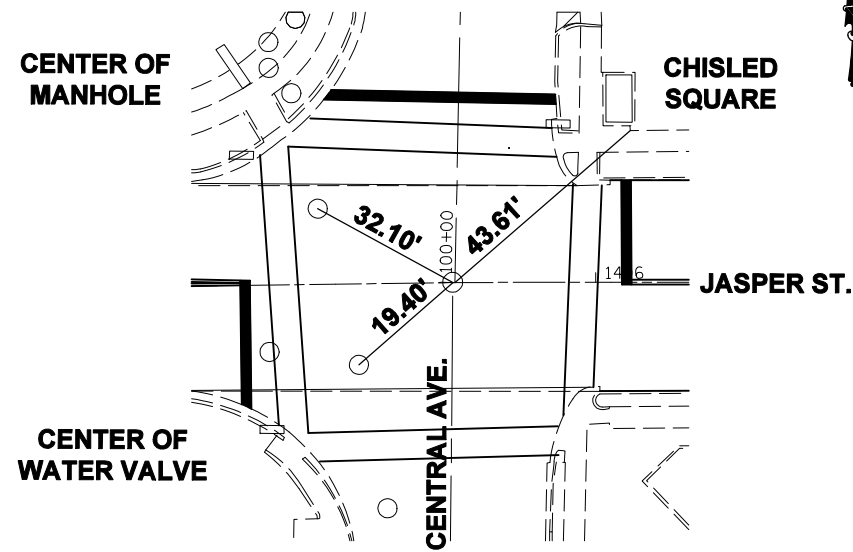
CLASS D PATCHING , TYPE II, 14 INCH

STA.	DIR.	LANE	LENGTH	WIDTH	CLASS D PATCH TYPE II, 14" SQ YD
			FT	FT	
695+25	EB	DL	6	12.5	8.3
695+25	WB	DL	10	12.5	13.9
697+75	WB	DL	10	12.5	13.9
TOTAL					36.1
USE					37.0

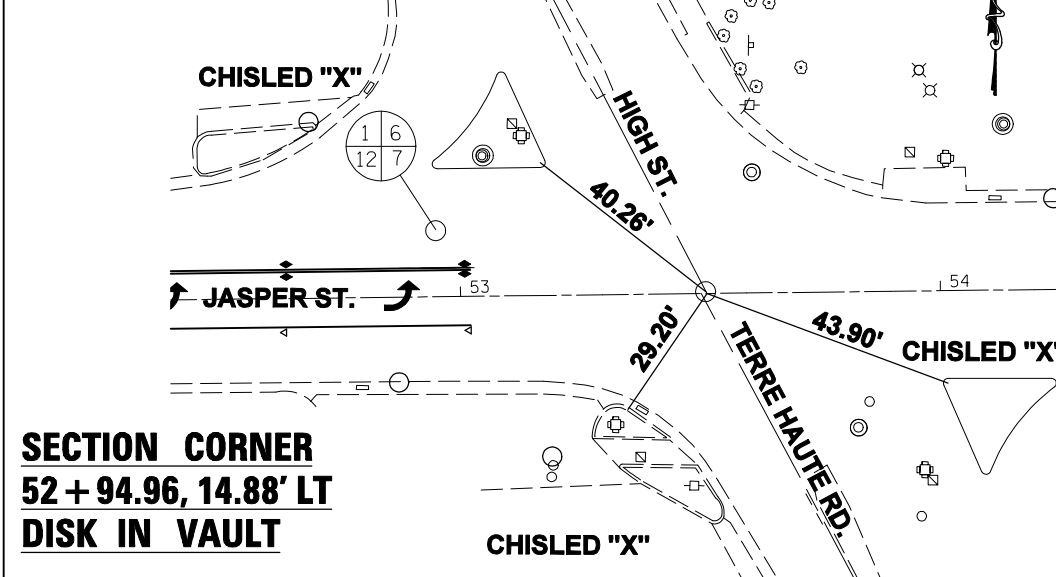
CLASS D PATCHING , TYPE II, 15 INCH

STA.	DIR.	LANE	LENGTH	WIDTH	CLASS D PATCH TYPE II, 15" SQ YD
			FT	FT	
1403+99	EB	DL	10	6	6.7
1406+73	EB	PL	10	12	13.3
1406+73	EB	DL	6	12	8.0
1406+73	WB	PL	10	12	13.3
1406+73	WB	DL	6	12	8.0
1407+73	WB	DL	6	12	8.0
1409+73	EB	DL	10	12	13.3
1410+80	WB	PL	6	12	8.0
27+28	WB	DL	6	12	8.0
29+90	EB	DL	6	12	8.0
29+90	WB	DL	6	12	8.0
51+78	EB	DL	6	12	8.0
TOTAL					110.7
USE					111.0

P.I. STA. 1405 + 73.15
ALUMINUM DISK

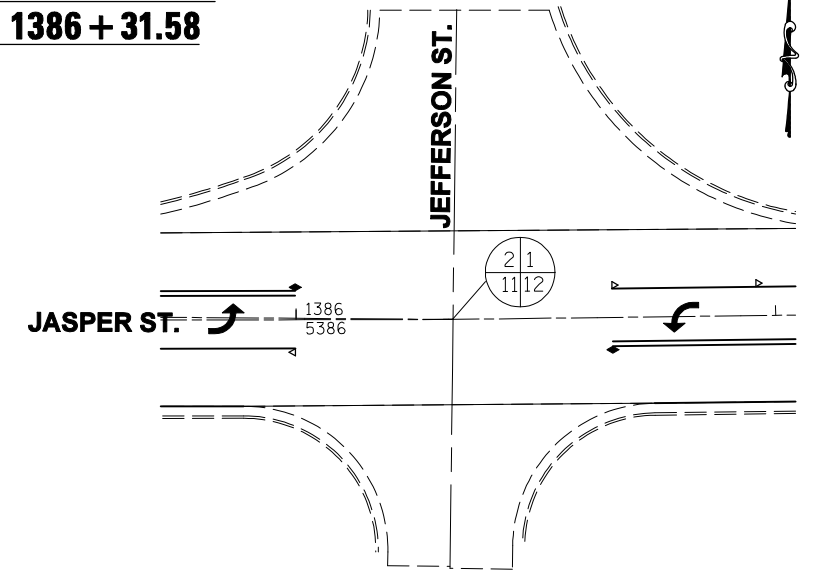


P.I. STA. 53 + 51.35
IRON PIN WITH CAP



SECTION CORNER
52 + 94.96, 14.88' LT
DISK IN VAULT

SECTION CORNER
STA 1386 + 31.58



FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
ct:\projects\4500807 (v8)\70638_tie_points.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

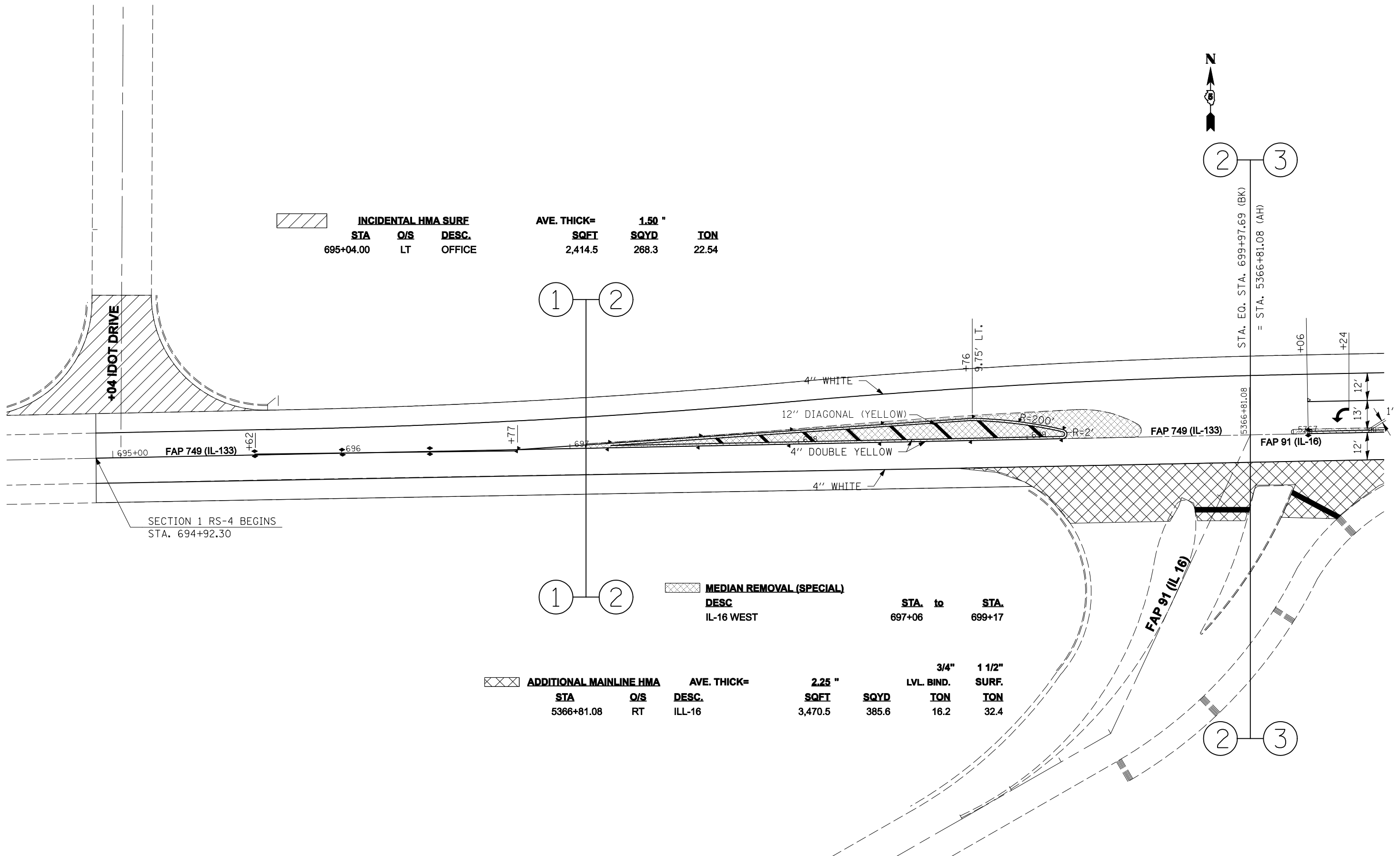
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS IL 133 TO LOWER-T IN PARIS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	IRS-4 & 10IRS-6	EDGAR	35	15
CONTRACT NO. 70638				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC. 2, T 13 N, R 12 W, 2ND PM



INCIDENTAL HMA SURF			AVE. THICK= 1.50 "		
STA	O/S	DESC.	SQFT	SQYD	TON
695+04.00	LT	OFFICE	2,414.5	268.3	22.54

① — ②

① — ②

② — ③

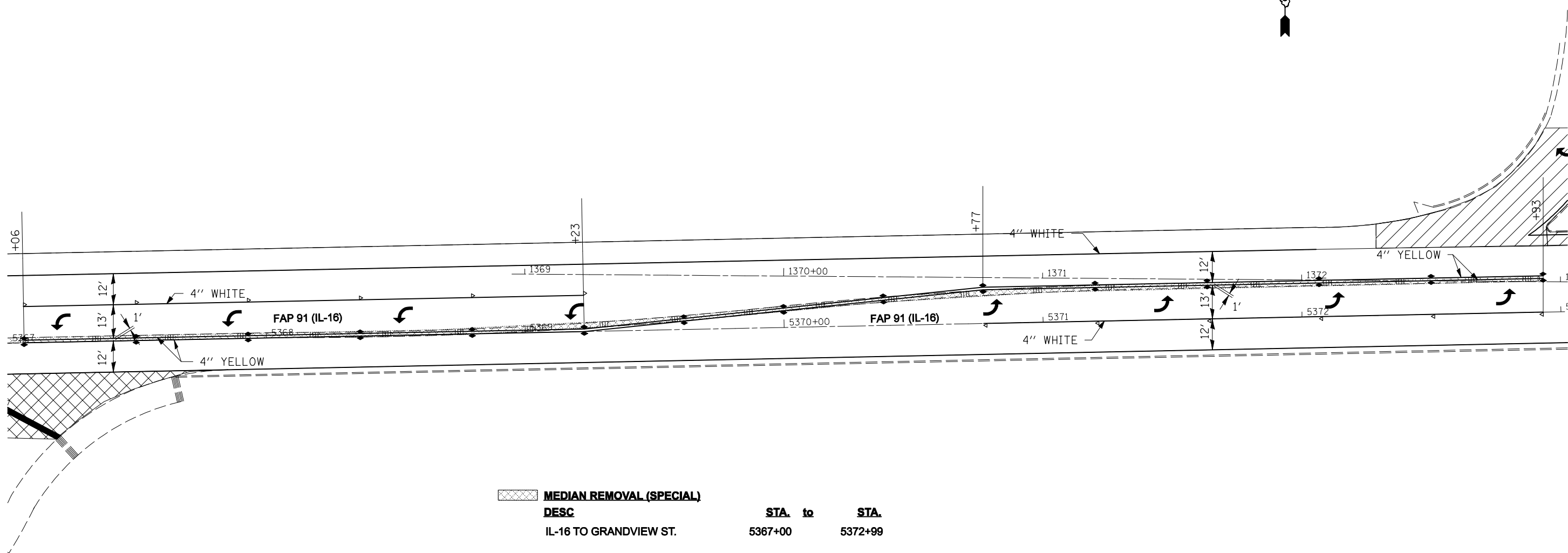
② — ③

MEDIAN REMOVAL (SPECIAL)			AVE. THICK= 2.25 "		
STA	O/S	DESC.	SQFT	SQYD	TON
697+06		IL-16 WEST			

ADDITIONAL MAINLINE HMA			AVE. THICK= 2.25 "			LVL. BIND.		SURF.	
STA	O/S	DESC.	SQFT	SQYD	TON	3/4"	1 1/2"	TON	TON
5366+81.08	RT	ILL-16	3,470.5	385.6	16.2			32.4	

SEC. 11, T 13 N, R 12 W, 2ND PM

SEC. 2, T 13 N, R 12 W, 2ND PM

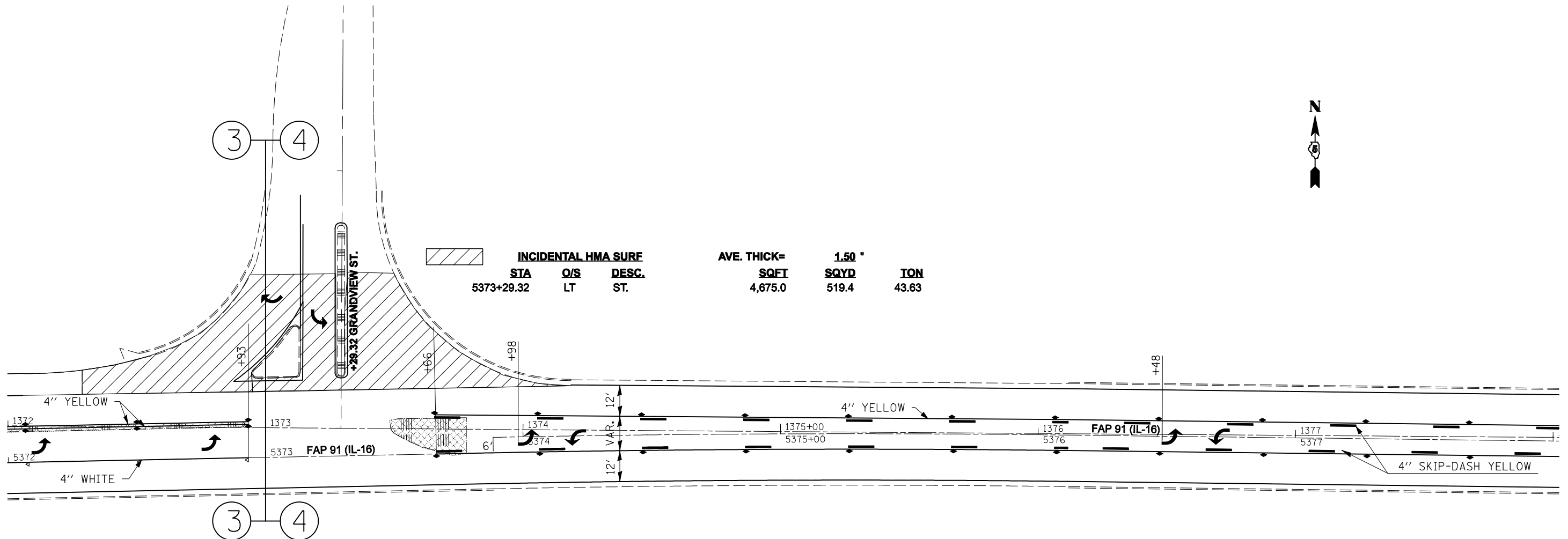


	MEDIAN REMOVAL (SPECIAL)	STA.	to	STA.
	DESC	5367+00		5372+99
	IL-16 TO GRANDVIEW ST.			

SEC. 11, T 13 N, R 12 W, 2ND PM

FILE NAME = c:\projects\d500807 (v8)\70638striping.dgn	USER NAME = sheehyom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			91	• 1 RS-4 & 101 RS-6	EDGAR	35	17
	PLOT DATE = 3/26/2008	CHECKED -	REVISED -			CONTRACT NO. 70638				
	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.

SEC. 2, T 13 N, R 12 W, 2ND PM



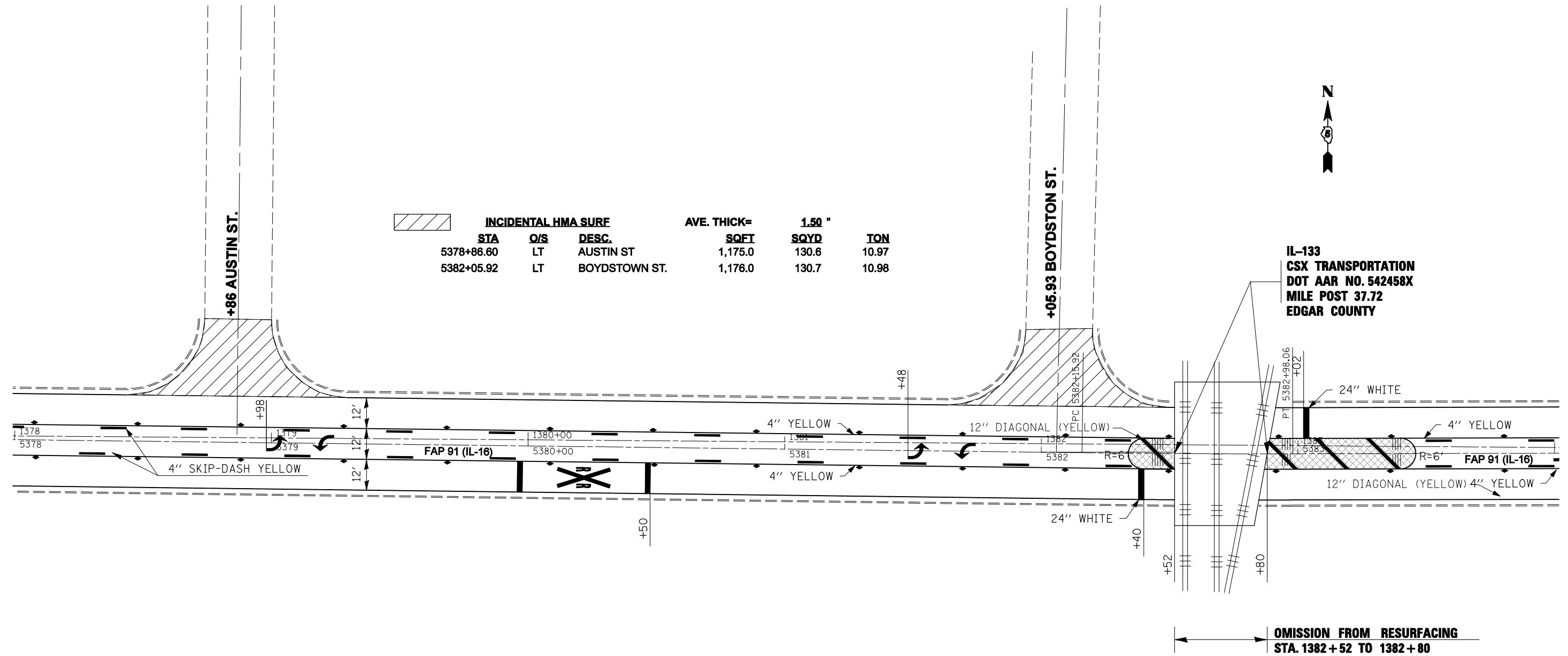
INCIDENTAL HMA SURF			AVE. THICK=	1.50 "	
STA	O/S	DESC.	SQFT	SQYD	TON
5373+29.32	LT	ST.	4,675.0	519.4	43.63

MEDIAN REMOVAL (SPECIAL)		STA. to
DESC		
GRANDVIEW ST. EAST		5373+49

SEC. 11, T 13 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d500807 (v8)\70638striping.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			91	• 1 RS-4 & 101 RS-6	EDGAR	35	18	
	PLOT DATE = 3/26/2008	CHECKED -	REVISED -			CONTRACT NO. 70638					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET NO. OF SHEETS		STA. TO STA.			

SEC. 2, T 13 N, R 12 W, 2ND PM



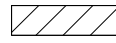
INCIDENTAL HMA SURF			AVE. THICK= 1.50 "		
STA	O/S	DESC.	SQFT	SQYD	TON
5378+86.60	LT	AUSTIN ST	1,175.0	130.6	10.97
5382+05.92	LT	BOYDSTOWN ST.	1,176.0	130.7	10.98

IL-133
 CSX TRANSPORTATION
 DOT AAR NO. 542458X
 MILE POST 37.72
 EDGAR COUNTY

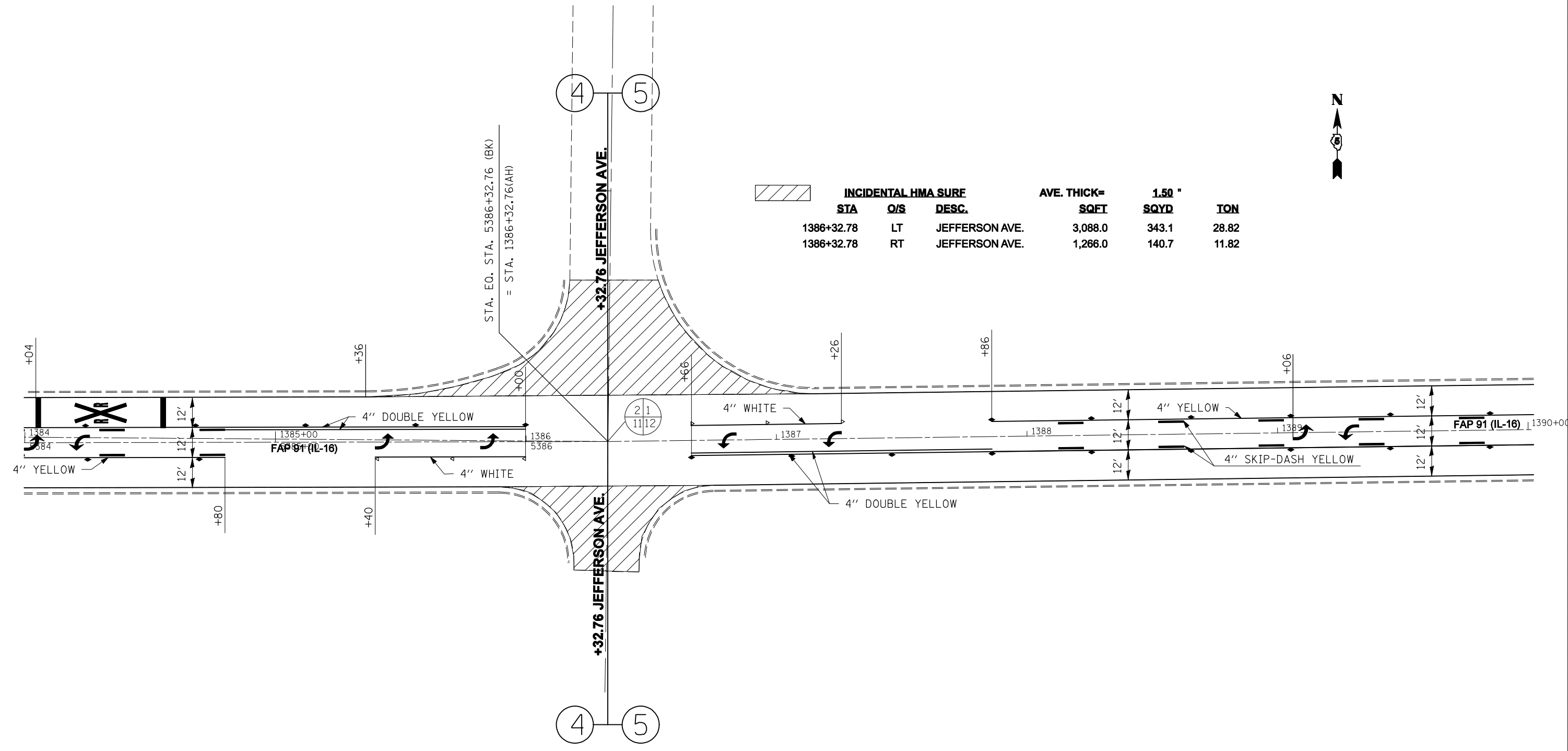
MEDIAN REMOVAL (SPECIAL)		STA.	to	STA.
RR WEST		5382+33		5282+51
RR EAST		5382+88		5383+46

SEC. 11, T 13 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d500807 (v8)\70638str\paving.dgn		DRAWN -	REVISED -			91	• 1 RS-4 & 101 RS-6	EDGAR	35	19	
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70638					
	PLOT DATE = 3/26/2008	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				



INCIDENTAL HMA SURF			AVE. THICK= 1.50 "		
STA	O/S	DESC.	SQFT	SQYD	TON
1386+32.78	LT	JEFFERSON AVE.	3,088.0	343.1	28.82
1386+32.78	RT	JEFFERSON AVE.	1,266.0	140.7	11.82



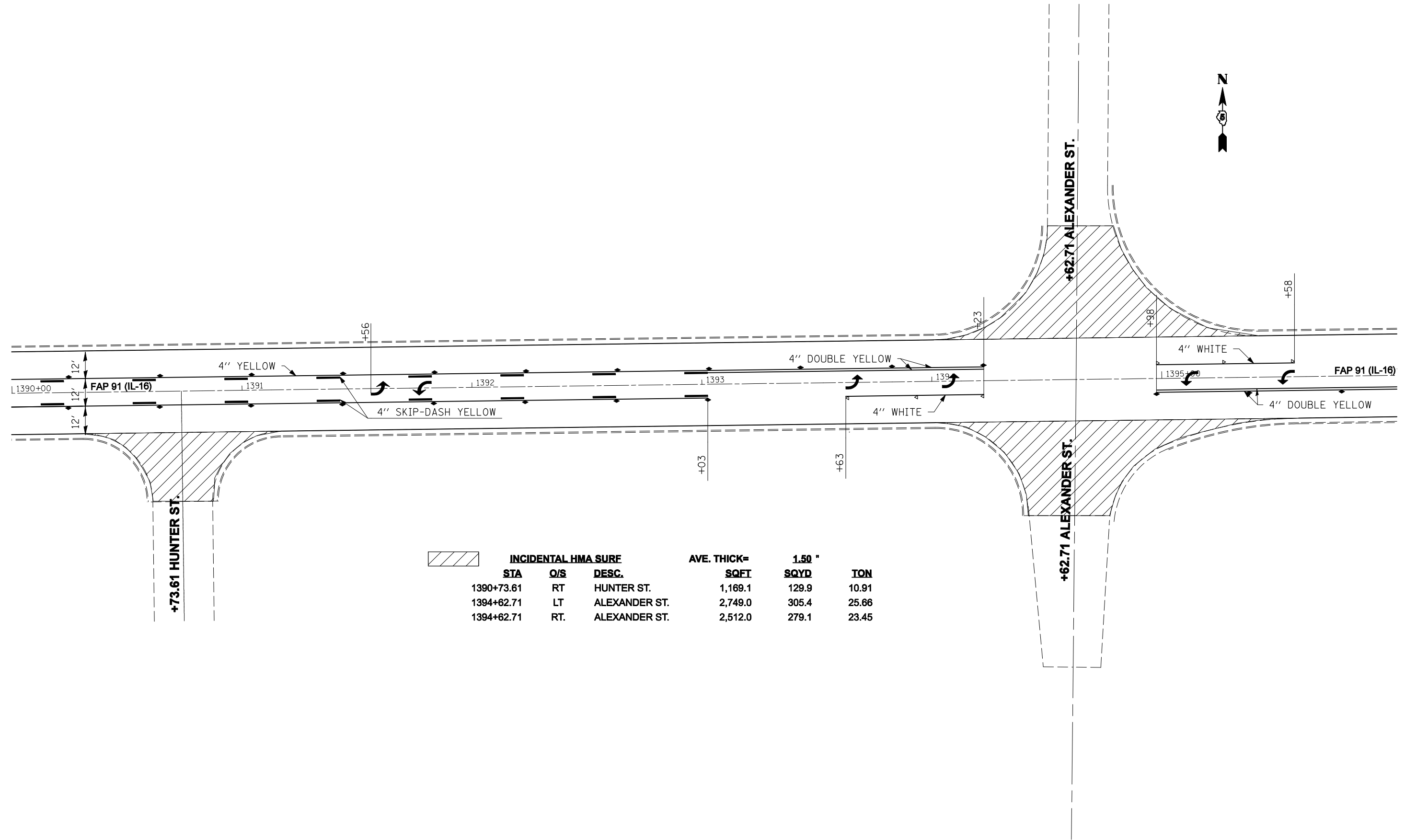
FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
ct:\projects\d500807 (v8)\70638tr\pimg.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS

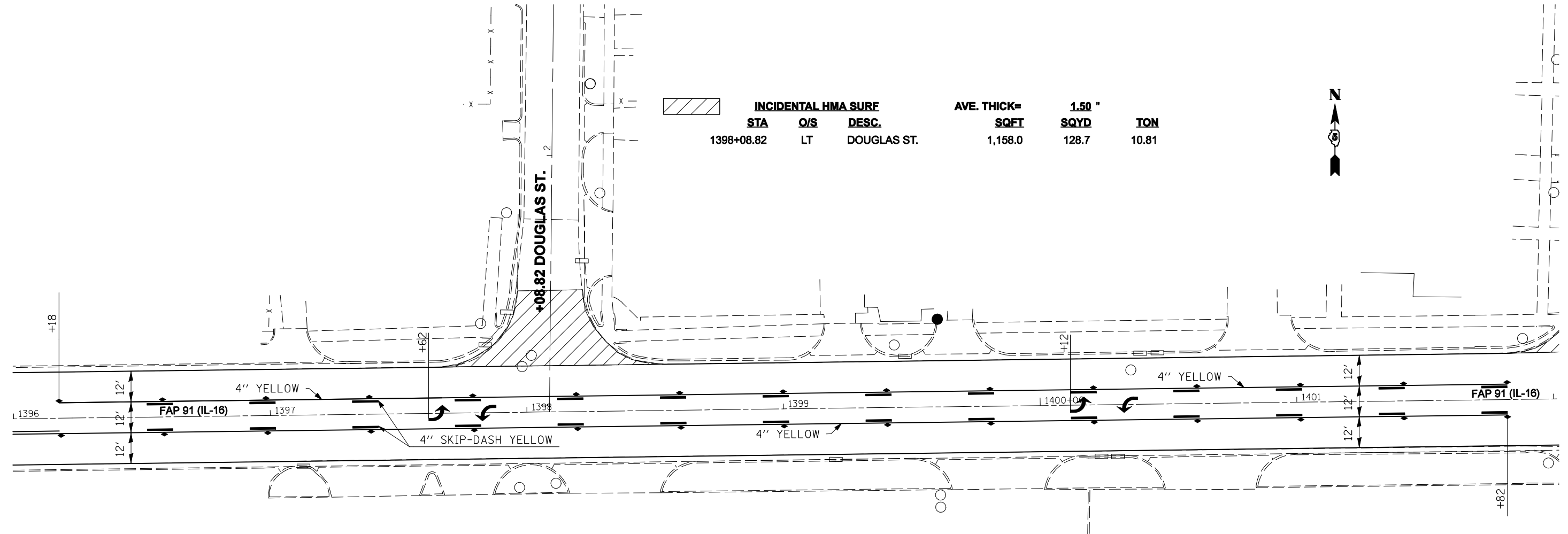
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	



INCIDENTAL HMA SURF			AVE. THICK= 1.50 "		
STA	O/S	DESC.	SQFT	SQYD	TON
1390+73.61	RT	HUNTER ST.	1,169.1	129.9	10.91
1394+62.71	LT	ALEXANDER ST.	2,749.0	305.4	25.66
1394+62.71	RT.	ALEXANDER ST.	2,512.0	279.1	23.45

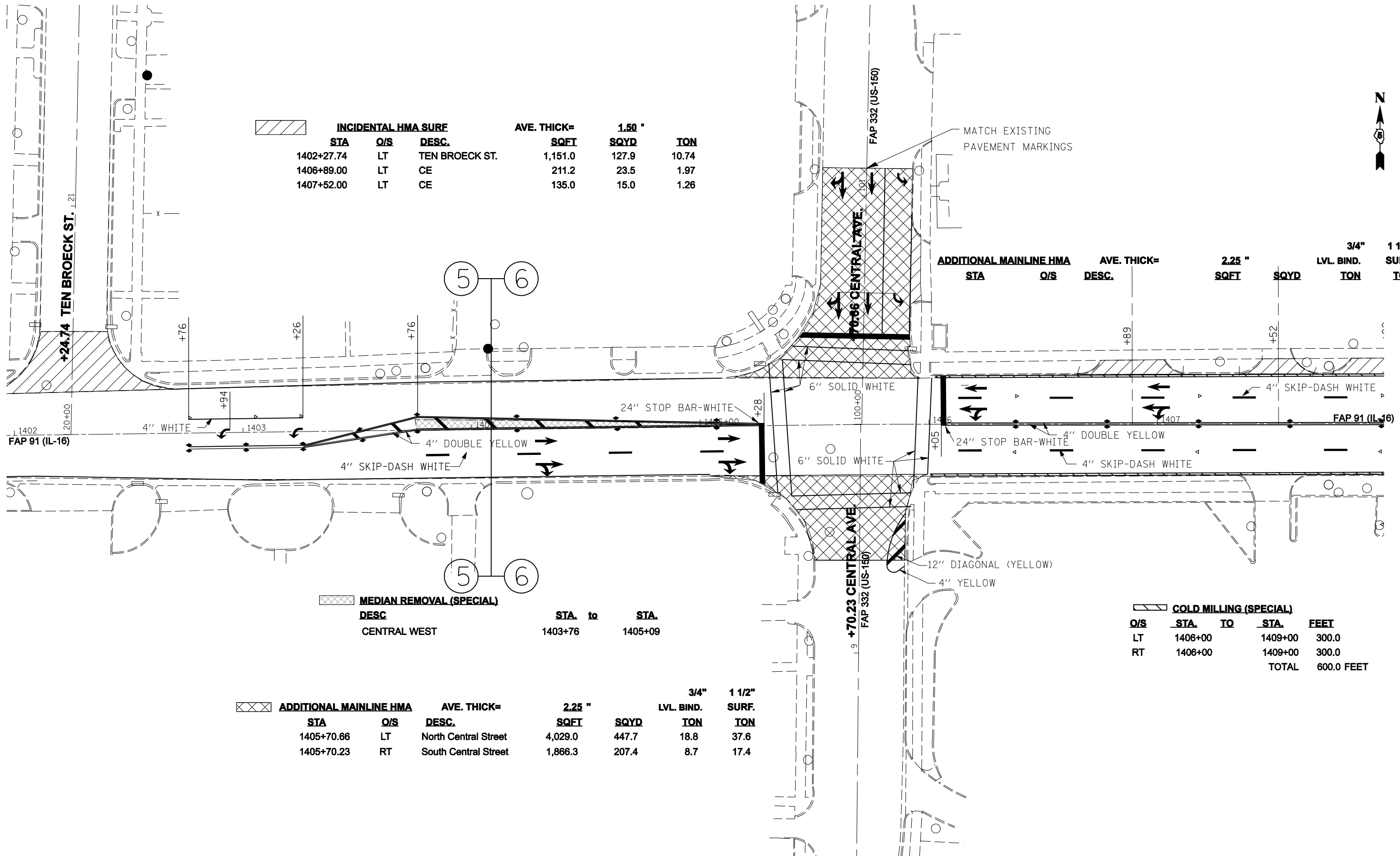
SEC. 1, T 13 N, R 12 W, 2ND PM



SEC. 12, T 13 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\d500807 (v8)\70638tr\pimg.dgn	DRAWN -	REVISED -	91			• 1 RS-4 & 101 RS-6	EDGAR	35	22	
PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70638							
PLOT DATE = 3/26/2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			

SEC. 1, T 13 N, R 12 W, 2ND PM



INCIDENTAL HMA SURF			AVE. THICK= 1.50 "			
STA	O/S	DESC.	SQFT	SQYD	TON	
1402+27.74	LT	TEN BROECK ST.	1,151.0	127.9	10.74	
1406+89.00	LT	CE	211.2	23.5	1.97	
1407+52.00	LT	CE	135.0	15.0	1.26	

ADDITIONAL MAINLINE HMA			AVE. THICK= 2.25 "		3/4" 1 1/2"	
STA	O/S	DESC.	SQFT	SQYD	LVL. BIND. TON	SURF. TON

MEDIAN REMOVAL (SPECIAL)			STA. to STA.	
DESC	STA.	TO	FEET	
CENTRAL WEST	1403+76	1405+09		

COLD MILLING (SPECIAL)				
O/S	STA.	TO	STA.	FEET
LT	1406+00		1409+00	300.0
RT	1406+00		1409+00	300.0
TOTAL				600.0 FEET

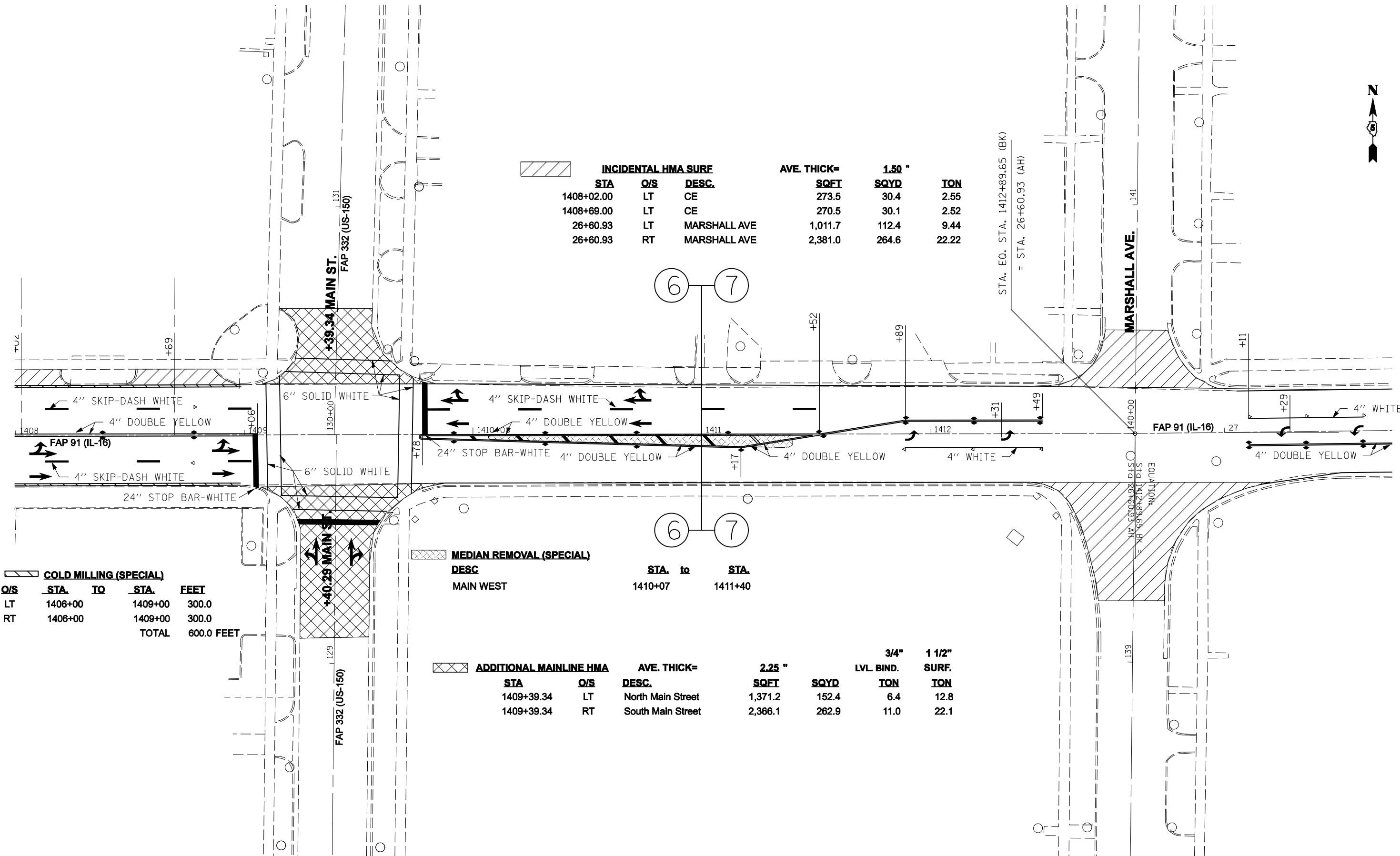
ADDITIONAL MAINLINE HMA			AVE. THICK= 2.25 "		3/4" 1 1/2"	
STA	O/S	DESC.	SQFT	SQYD	LVL. BIND. TON	SURF. TON
1405+70.66	LT	North Central Street	4,029.0	447.7	18.8	37.6
1405+70.23	RT	South Central Street	1,866.3	207.4	8.7	17.4

SEC. 12, T 13 N, R 12 W, 2ND PM

SEC. 1, T 13 N, R 12 W, 2ND PM



INCIDENTAL HMA SURE				AVE. THICK= 1.50 "		
STA	O/S	DESC.	SQFT	SQYD	TON	
1408+02.00	LT	CE	273.5	30.4	2.55	
1408+69.00	LT	CE	270.5	30.1	2.52	
26+60.93	LT	MARSHALL AVE	1,011.7	112.4	9.44	
26+60.93	RT	MARSHALL AVE	2,381.0	264.6	22.22	



COLD MILLING (SPECIAL)				
O/S	STA.	TO	STA.	FEET
LT	1406+00		1409+00	300.0
RT	1406+00		1409+00	300.0
			TOTAL	600.0 FEET

MEDIAN REMOVAL (SPECIAL)			
DESC	STA. to	STA.	
MAIN WEST	1410+07	1411+40	

ADDITIONAL MAINLINE HMA				AVE. THICK= 2.25 "		
STA	O/S	DESC.	SQFT	SQYD	LVL. BIND. TON	1 1/2" SURF. TON
1409+39.34	LT	North Main Street	1,371.2	152.4	6.4	12.8
1409+39.34	RT	South Main Street	2,366.1	262.9	11.0	22.1

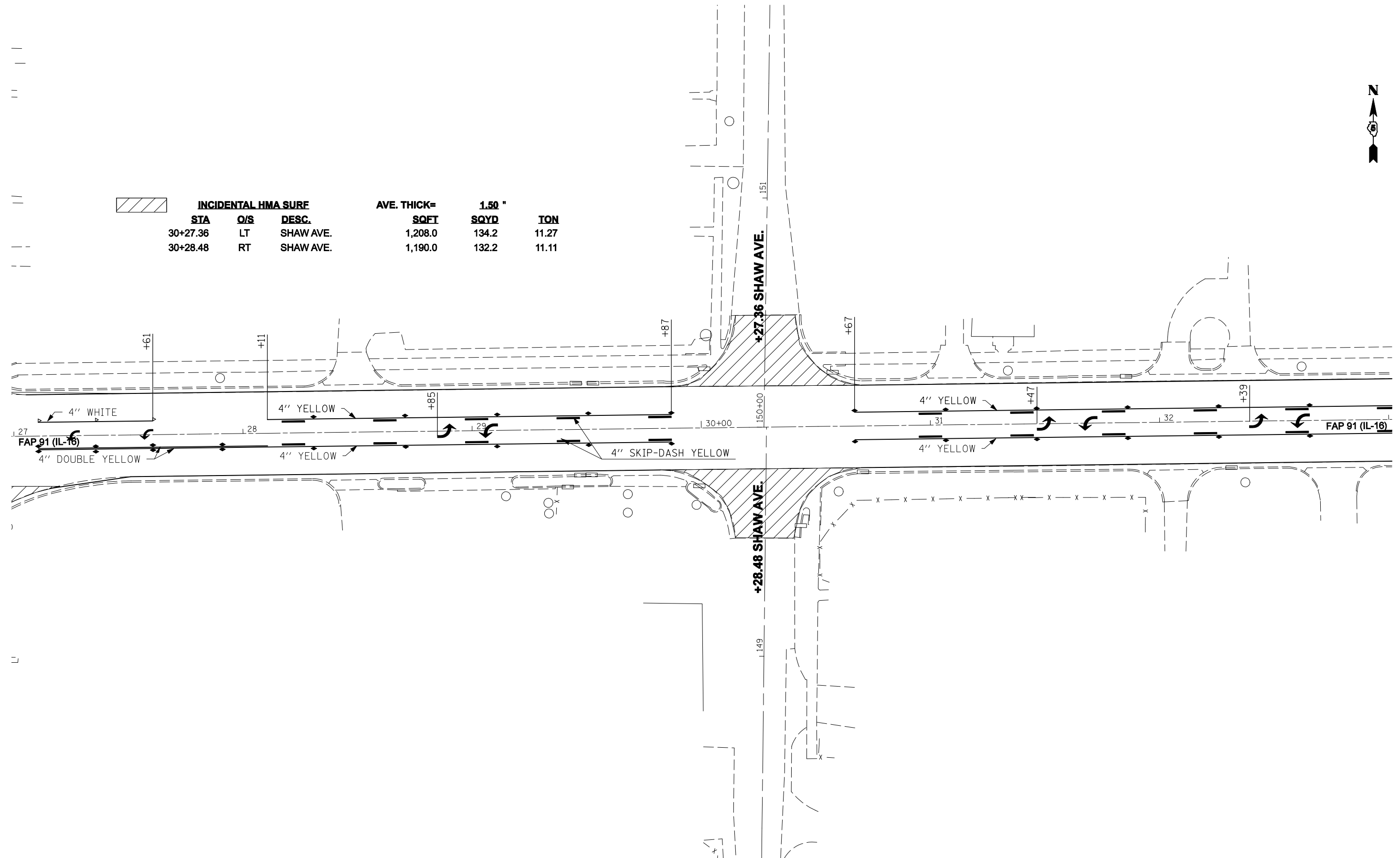
SEC. 12, T 13 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\4500807 (v8)\70638str\paving.dgn	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -					91	• 1 RS-4 & 101 RS-6	EDGAR	35	24
PLOT DATE = 3/26/2008	CHECKED -	REVISIED -	REVISED -		CONTRACT NO. 70638							
	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT					

SEC. 1, T 13 N, R 12 W, 2ND PM



INCIDENTAL HMA SURE			AVE. THICK= 1.50 "		
STA	O/S	DESC.	SQFT	SQYD	TON
30+27.36	LT	SHAW AVE.	1,208.0	134.2	11.27
30+28.48	RT	SHAW AVE.	1,190.0	132.2	11.11



SEC. 12, T 13 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
ct\projects\d500807 (v8)\70638str\paving.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

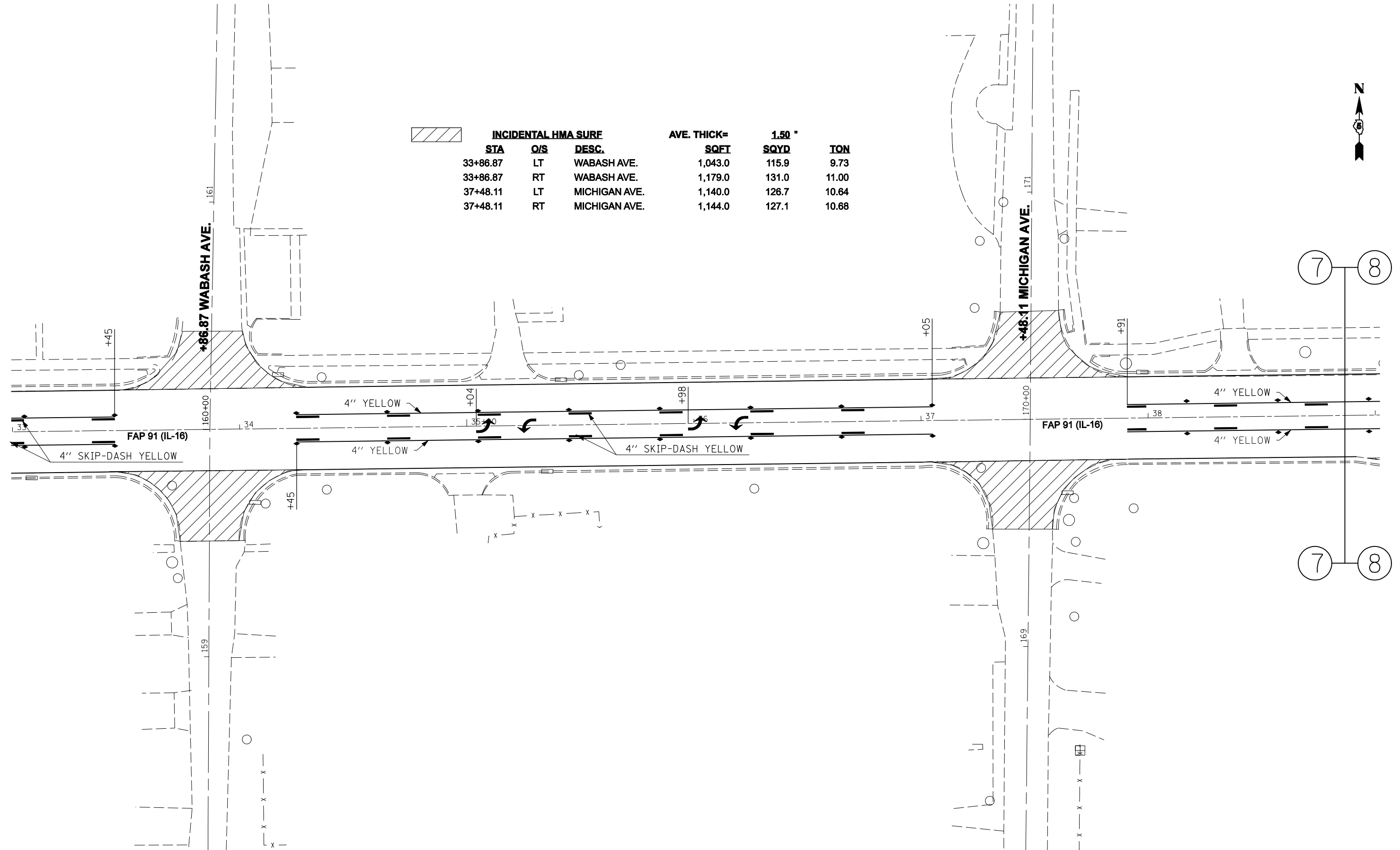
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	25
CONTRACT NO. 70638				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SEC. 1, T 13 N, R 12 W, 2ND PM



INCIDENTAL HMA SURF			AVE. THICK= 1.50 "		
STA	O/S	DESC.	SQFT	SQYD	TON
33+86.87	LT	WABASH AVE.	1,043.0	115.9	9.73
33+86.87	RT	WABASH AVE.	1,179.0	131.0	11.00
37+48.11	LT	MICHIGAN AVE.	1,140.0	126.7	10.64
37+48.11	RT	MICHIGAN AVE.	1,144.0	127.1	10.68



7 8

7 8

SEC. 12, T 13 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -
et\projects\d500807 (v8)\70638tr\paving.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS

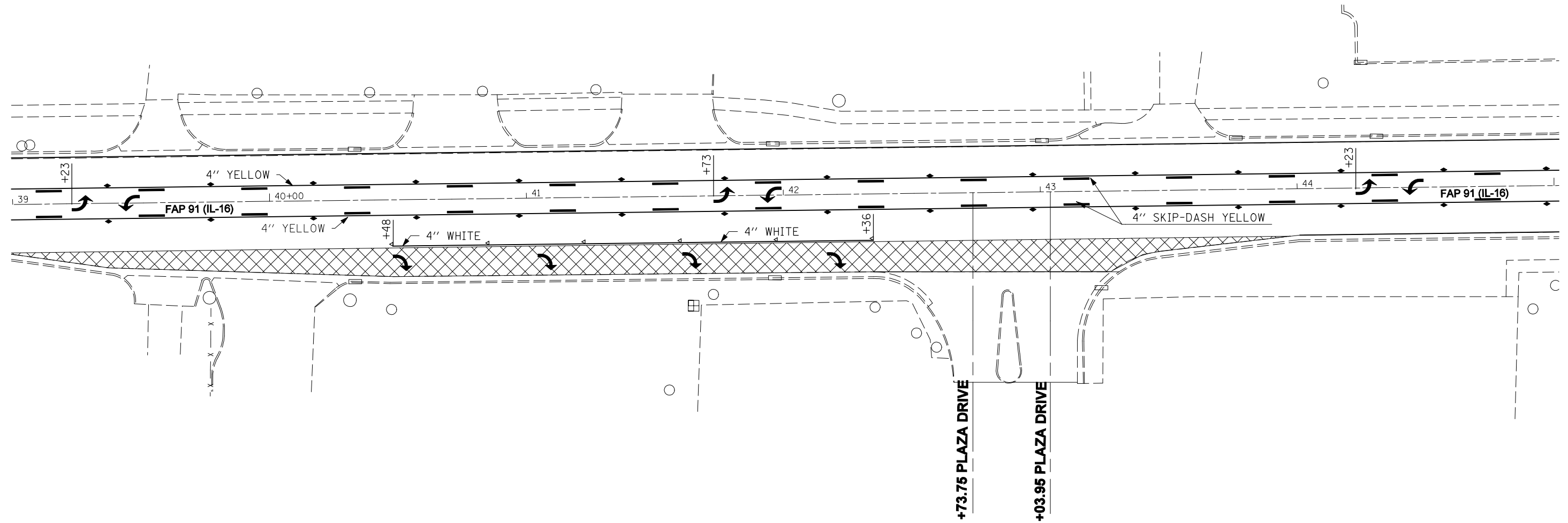
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	

SEC. 1, T 13 N, R 12 W, 2ND PM



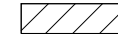
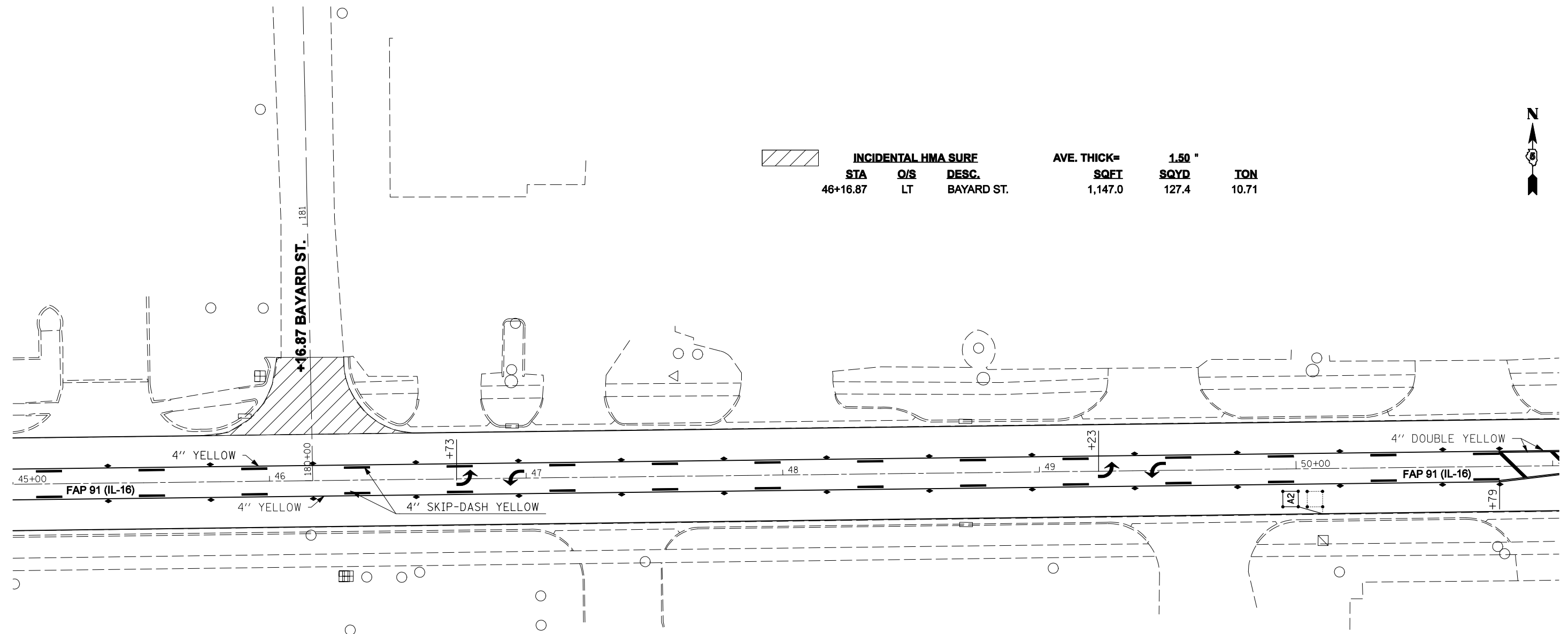
STA	O/S	DESC.	AVE. THICK=	2.25 "	LVL. BIND.	3/4"	1 1/2"
				SQFT	SQYD	TON	TON
38+25.	RT	Krogers Turn Lane		4,920.2	546.7	23.0	45.9



SEC. 12, T 13 N, R 12 W, 2ND PM

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et\projects\d500807 (v8)\70638striping.dgn	PLOT SCALE = 40.0000' / IN.	DRAWN -	REVISED -			91	• 1 RS-4 & 101 RS-6	EDGAR	35	27	
	PLOT DATE = 3/26/2008	CHECKED -	REVISED -			CONTRACT NO. 70638					
		DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

SEC. 1, T 13 N, R 12 W, 2ND PM



INCIDENTAL HMA SURF			AVE. THICK=	1.50 "	
STA	O/S	DESC.	SQFT	SQYD	TON
46+16.87	LT	BAYARD ST.	1,147.0	127.4	10.71



DETECTOR LOOP TYPE 1

DESC.	O/S	STA.	FEET
A2	RT	49+95	50.0

SEC. 12, T 13 N, R 12 W, 2ND PM

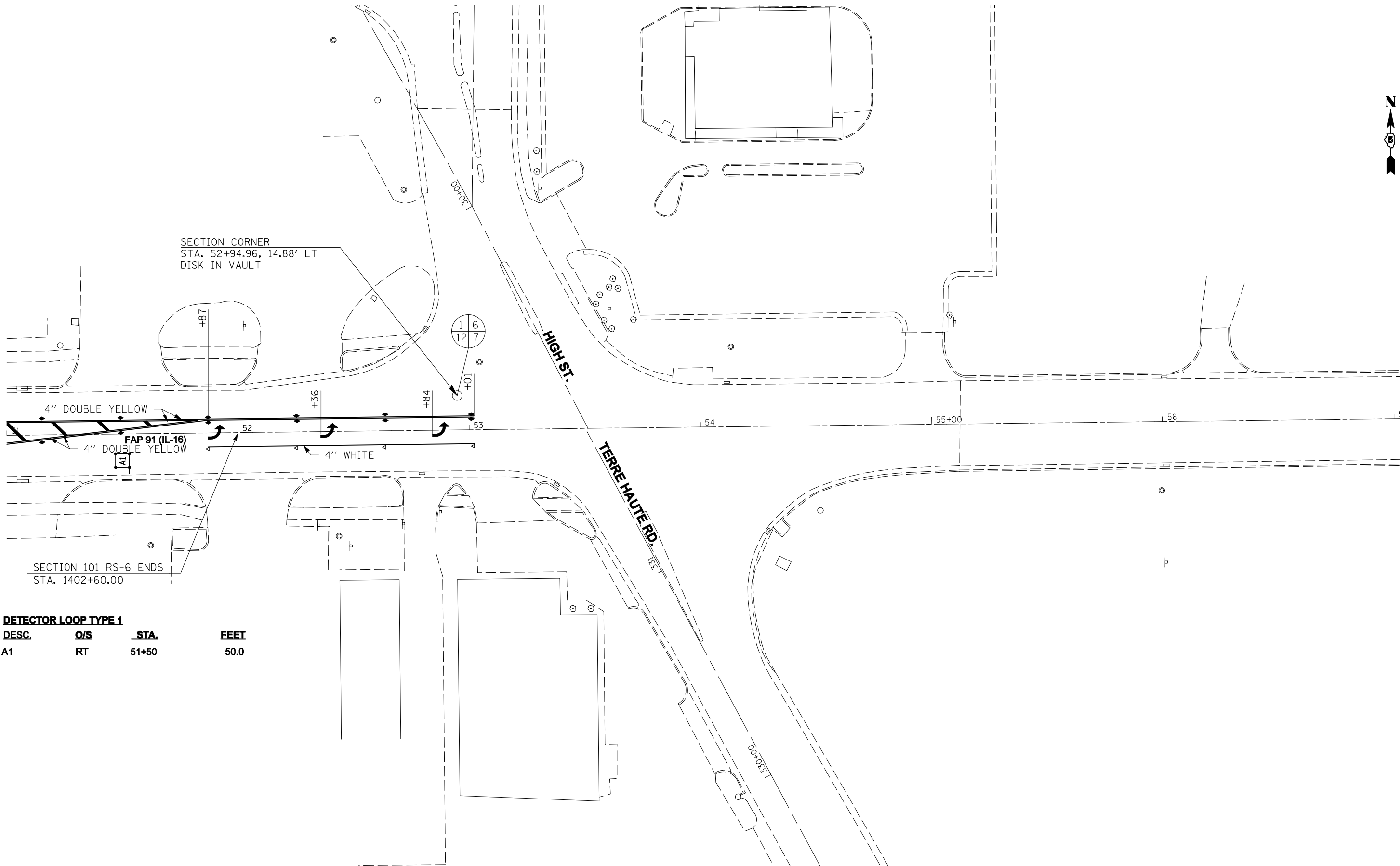
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	28
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	



SECTION CORNER
STA. 52+94.96, 14.88' LT
DISK IN VAULT

SECTION 101 RS-6 ENDS
STA. 1402+60.00

DETECTOR LOOP TYPE 1

DESC.	O/S	STA.	FEET
A1	RT	51+50	50.0

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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

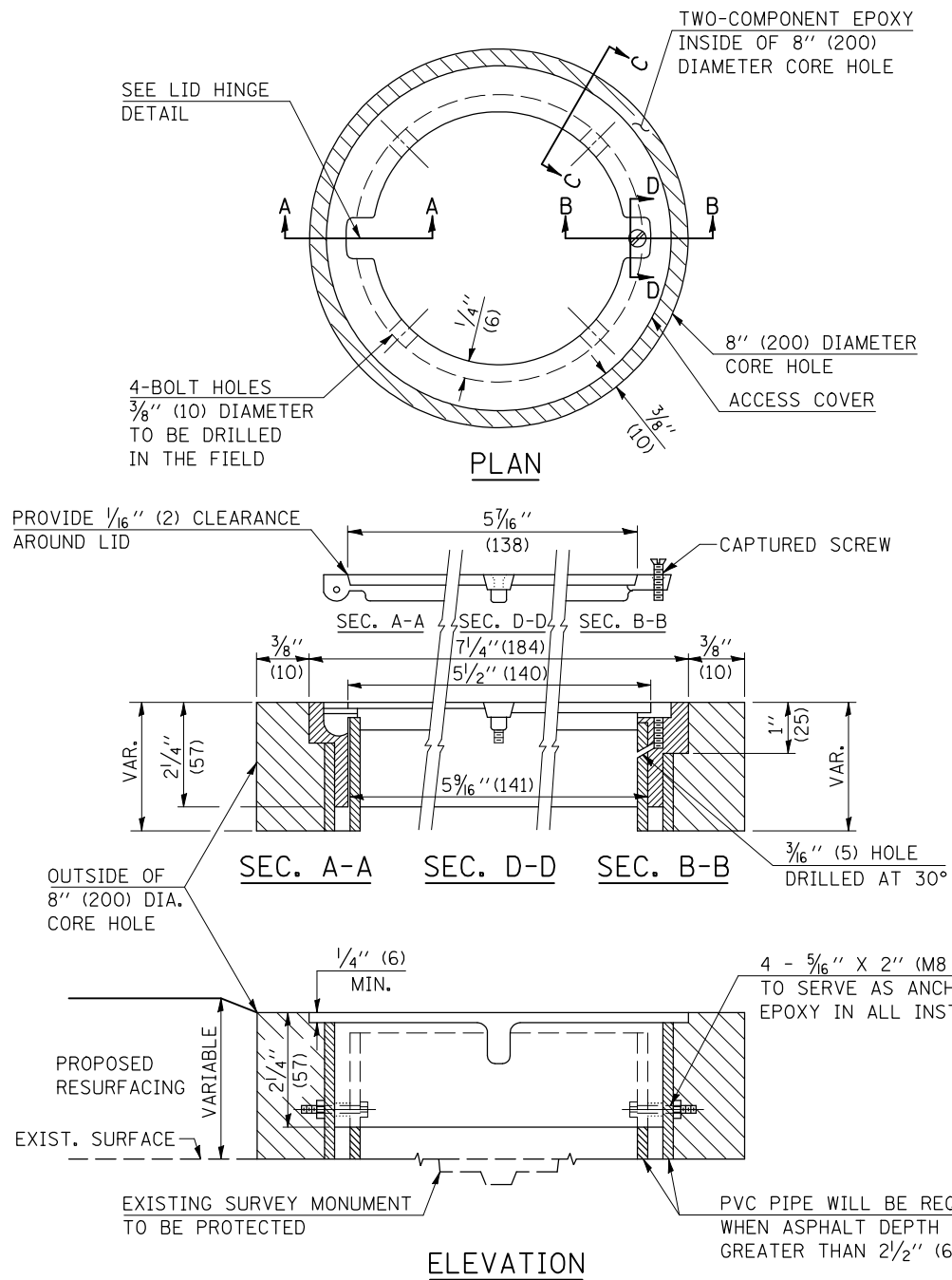
PLAN SHEET PAVING COLD MILLING IL-133 TO LOWER-T IN PARIS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	• 1 RS-4 & 101 RS-6	EDGAR	35	29
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 70638

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

GENERAL NOTES

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm) ± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. Z0070100

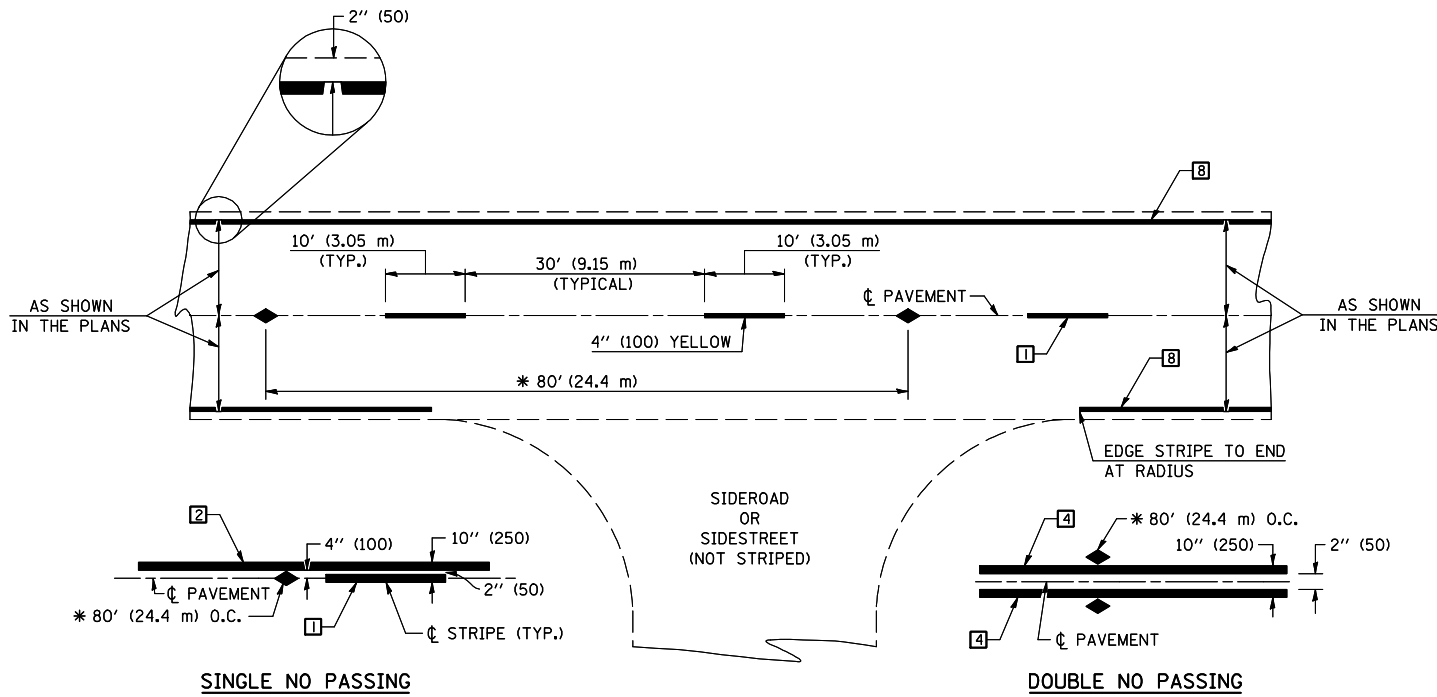
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MONUMENT COVER ASSEMBLY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	1 RS-4& 101 RS-6	EDGAR	35	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

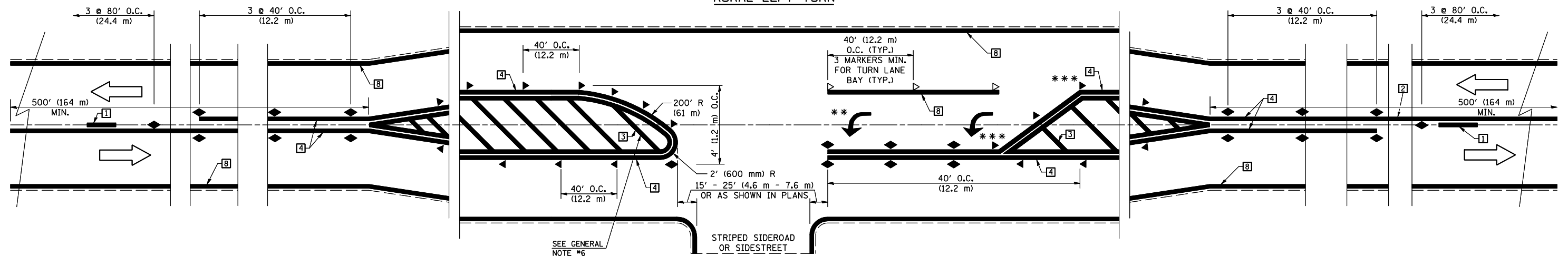
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA

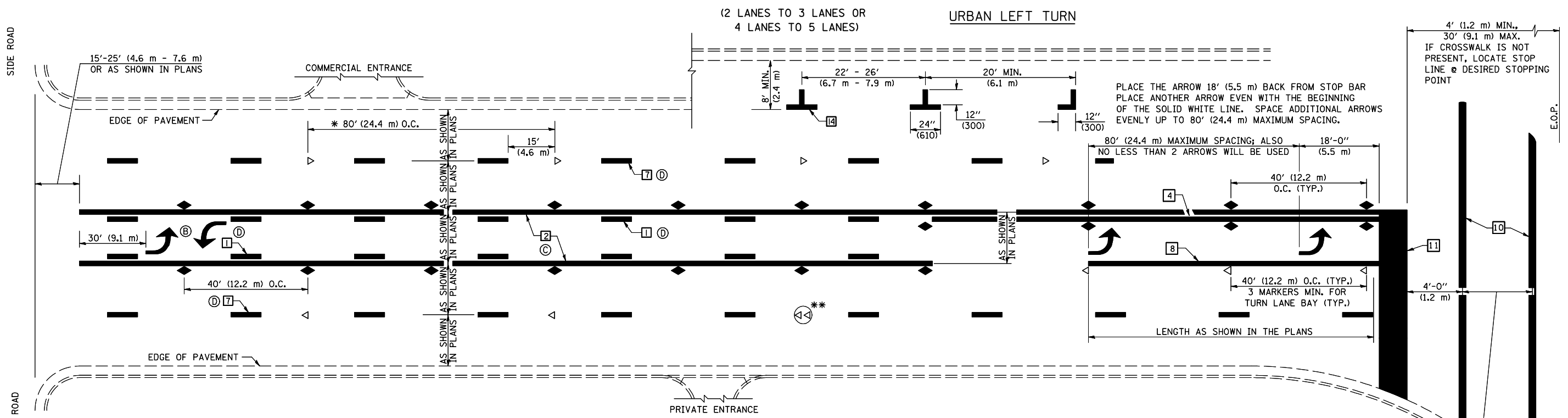
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	PLOT DATE = 3/26/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	1 RS-4& 101 RS-6	EDGAR	35	31
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	

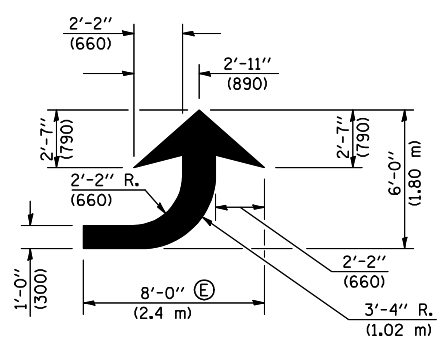


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

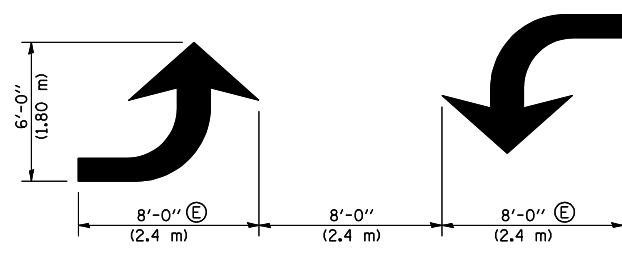
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

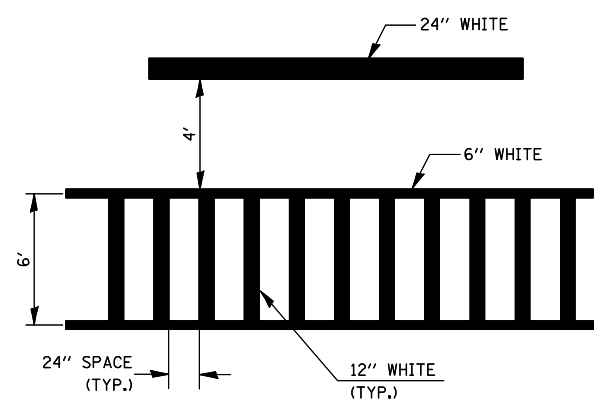


LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

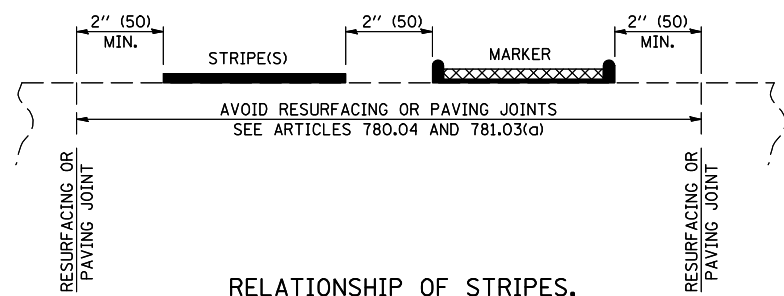


TYPICAL DOUBLE TURN ARROWS (WHITE)

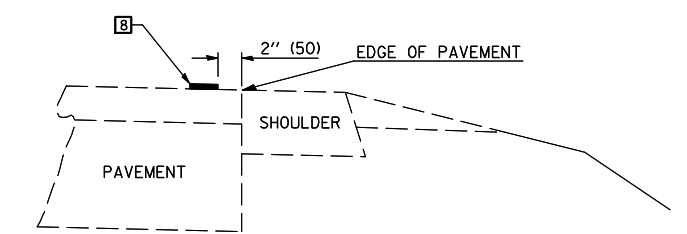
BLOOMINGTON-NORMAL CITY LIMITS ONLY



TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = sheehycm	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

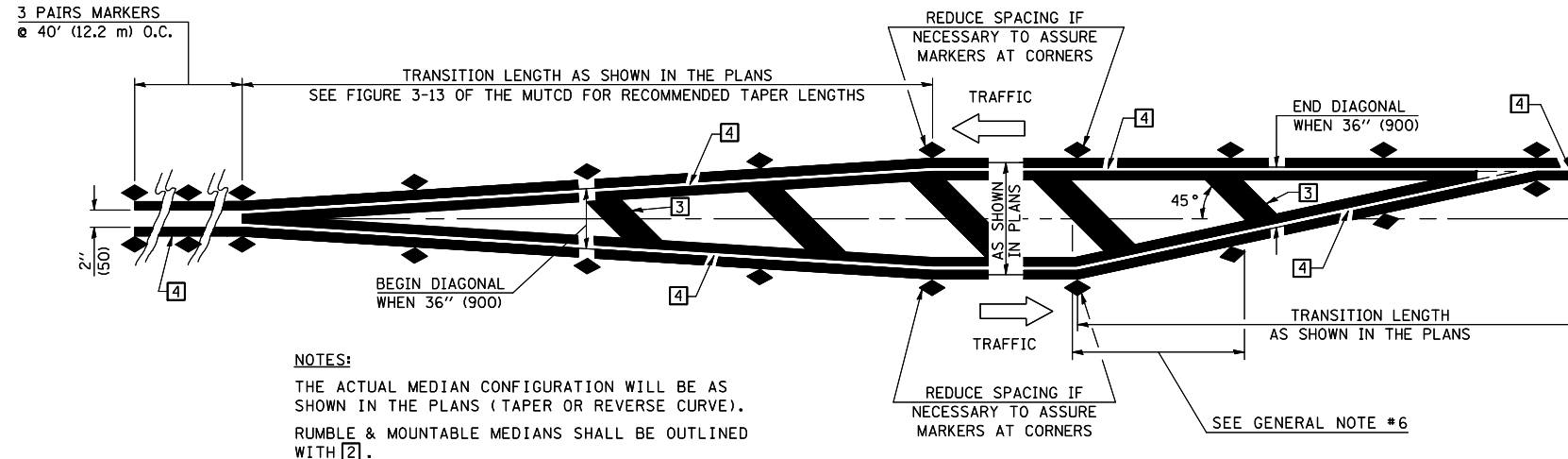
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	1 RS-4& 101 RS-6	EDGAR	35	32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	

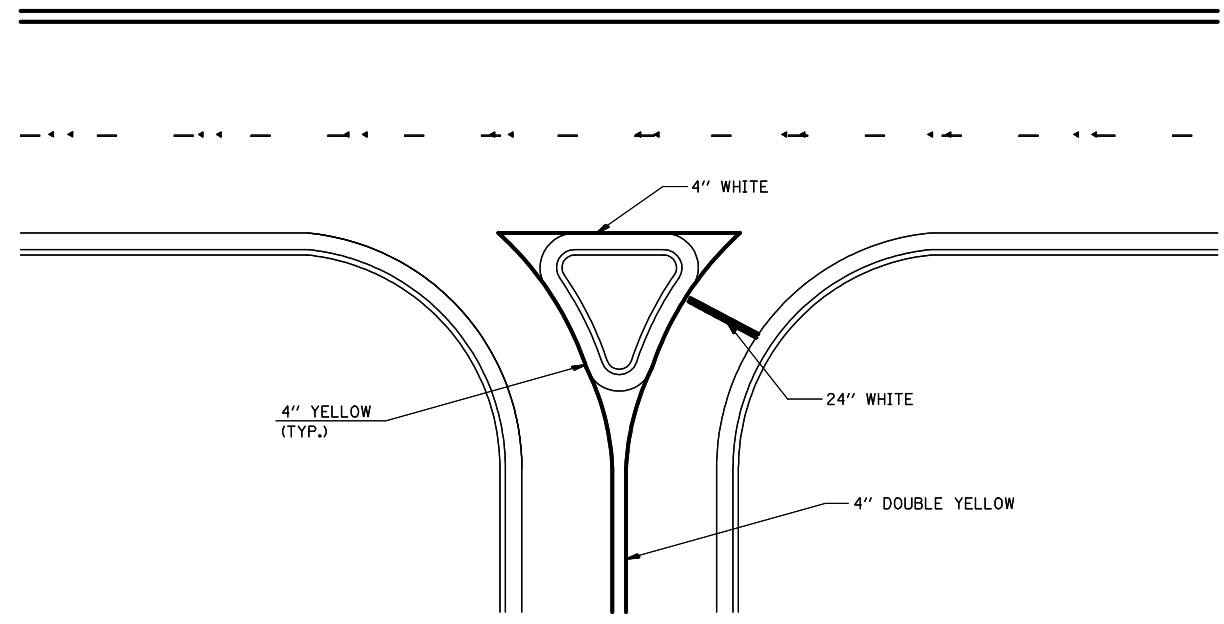


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
 RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

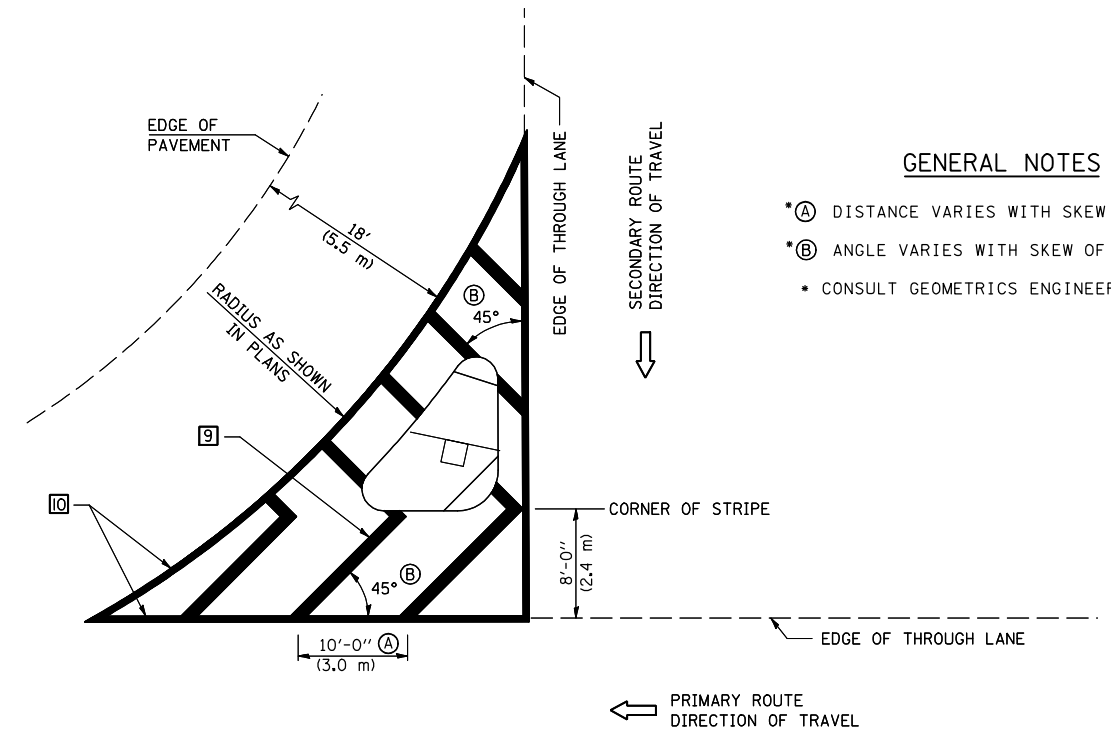
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 < 30 MPH USE 15' (< 50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 > 45 MPH USE 30' (> 75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



GENERAL NOTES

- *A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- *B ANGLE VARIES WITH SKEW OF INTERSECTION.
- CONSULT GEOMETRICS ENGINEER

ISLAND

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

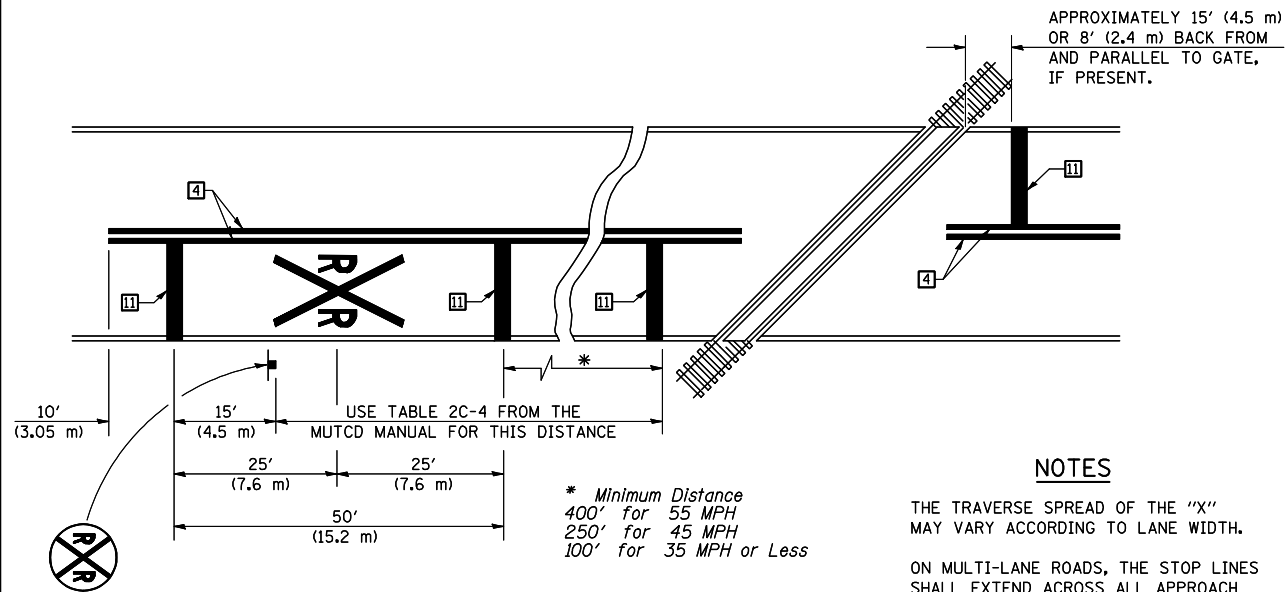
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	1 RS-4& 101 RS-6	EDGAR	35	33
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	

RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

NOTES

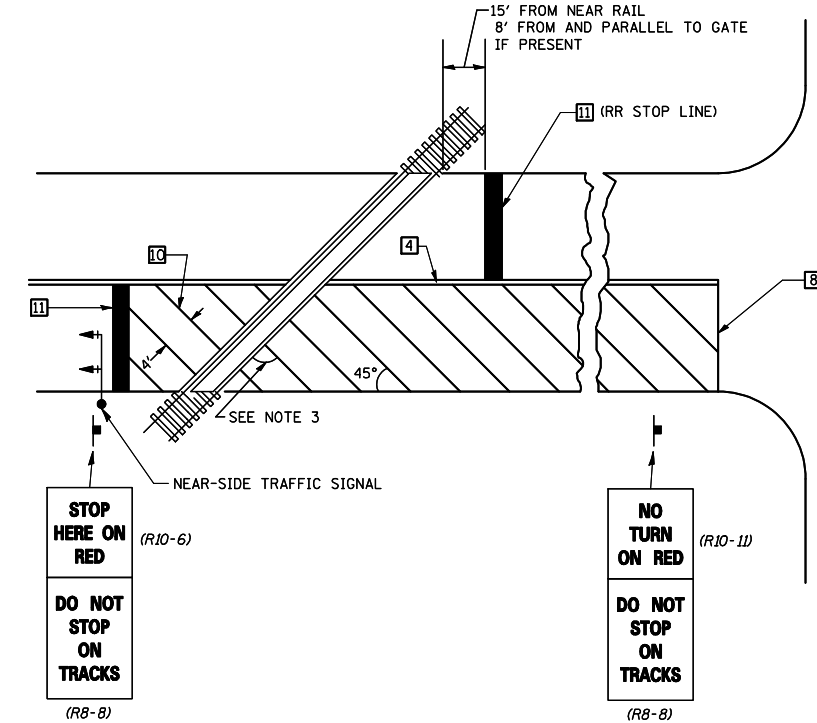
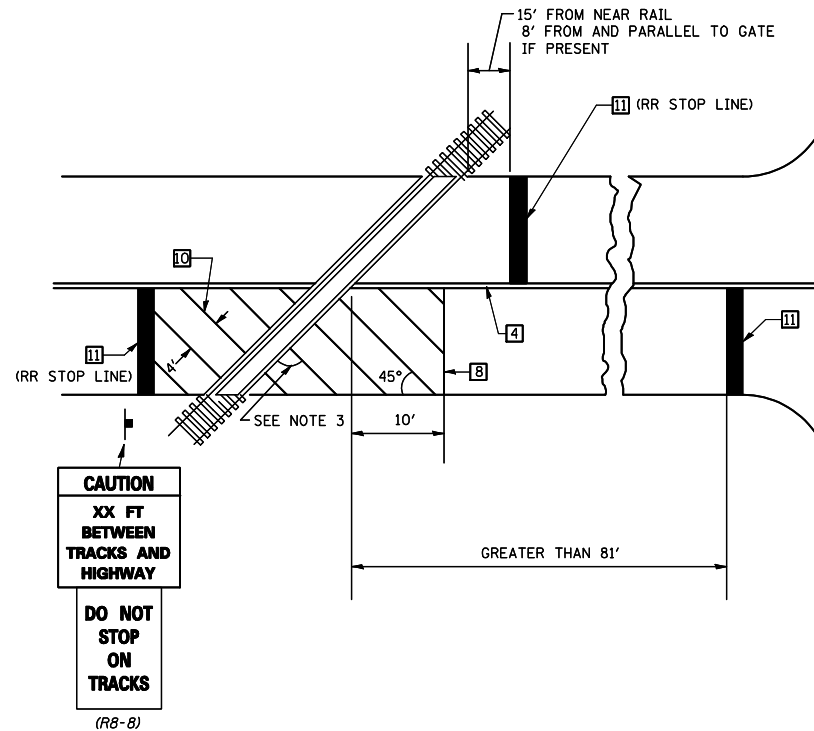
APPROXIMATELY 15' (4.5 m) OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

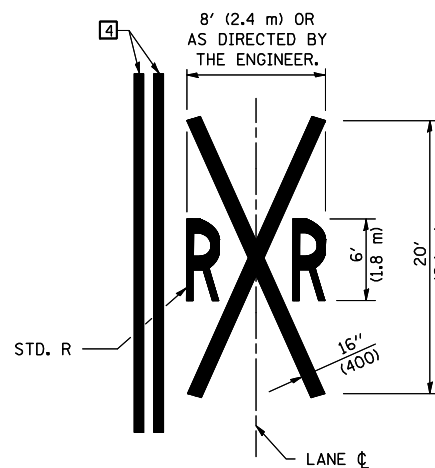
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

* Minimum Distance
400' for 55 MPH
250' for 45 MPH
100' for 35 MPH or Less



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = sheehyom	DESIGNED -	REVISED - 11/06
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	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/26/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

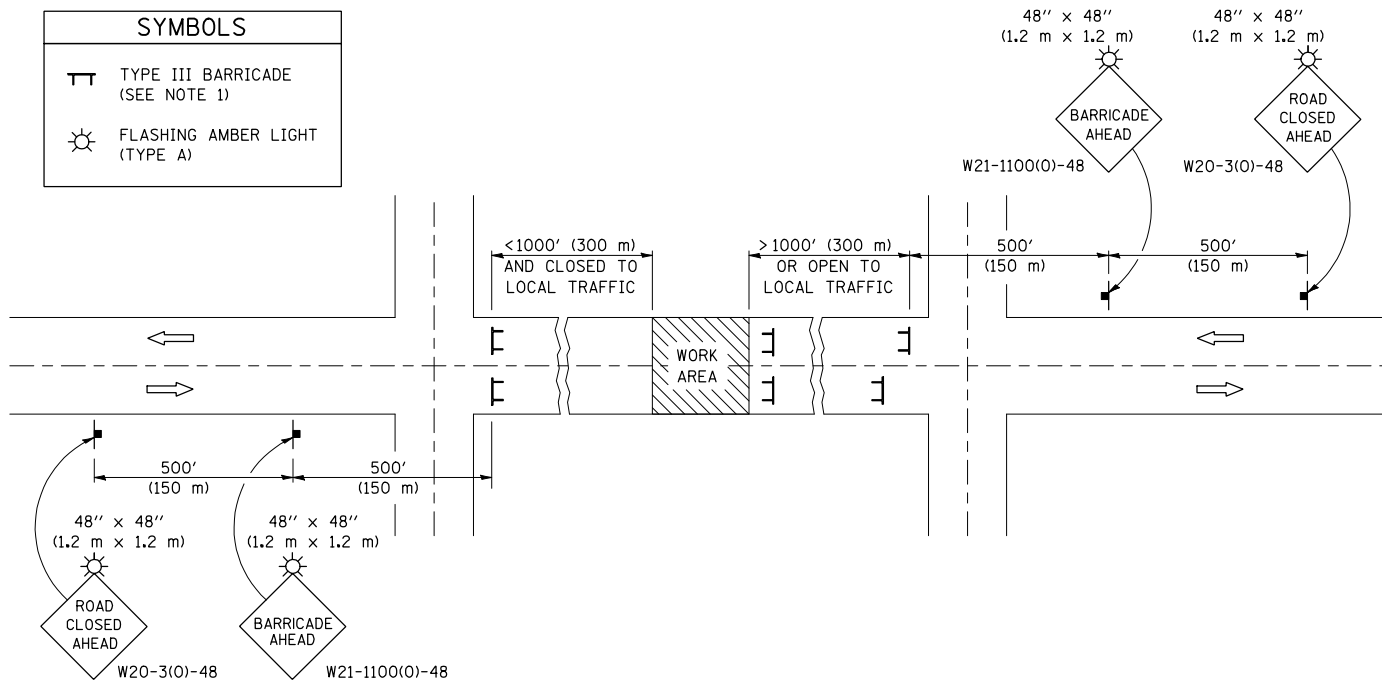
DISTRICT 5 DETAIL NO. 7800AAAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	1 RS-4& 101 RS-6	EDGAR	35	34
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

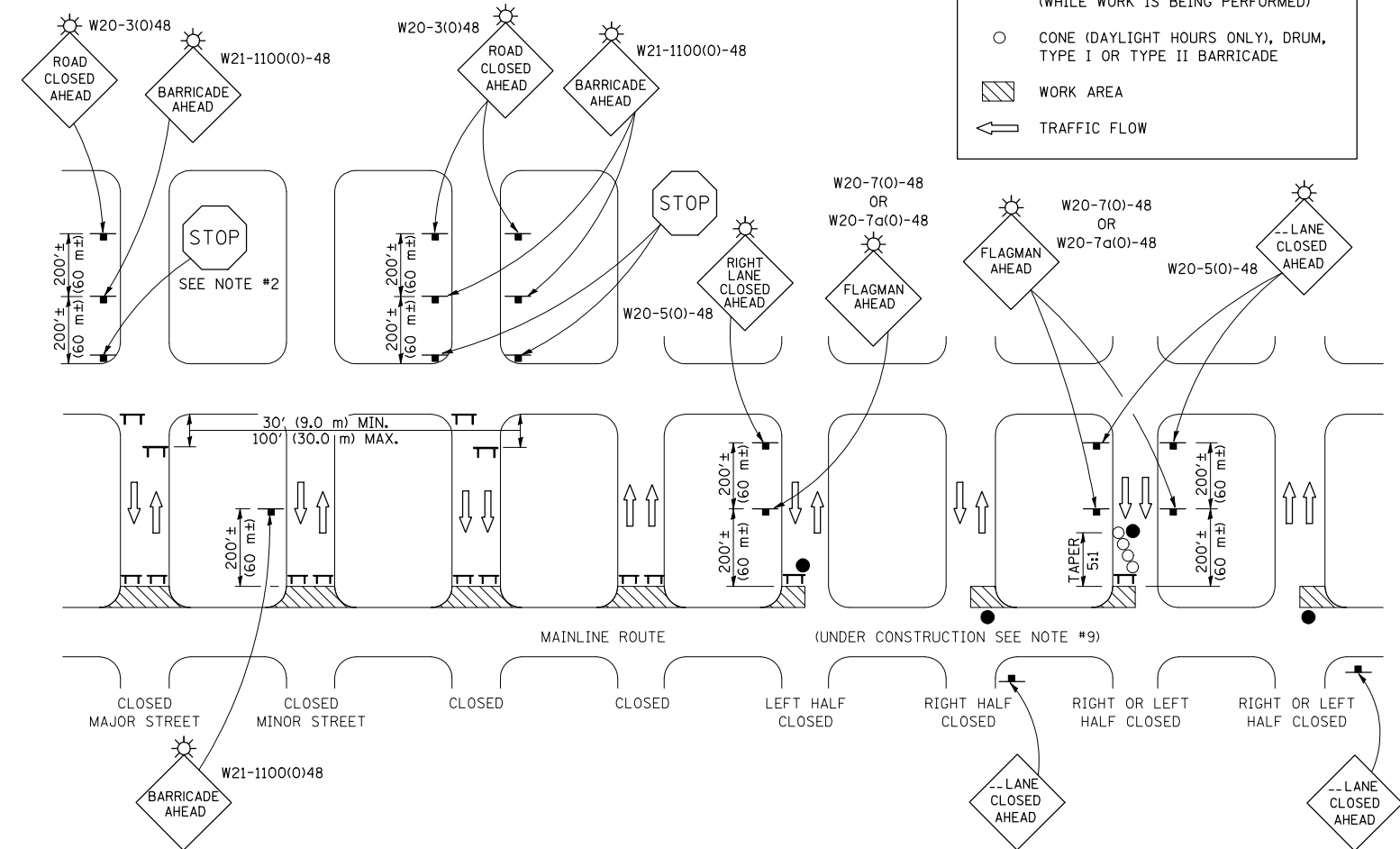
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TY III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 702001 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS INVOLVING THE RECONSTRUCTION OF ALL APPLICABLE SIDE STREETS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = sheehygm	DESIGNED -	REVISED - 11/06
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	PLOT DATE = 3/26/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD/STREET CLOSURES)

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

DISTRICT 5 DETAIL NO. 7020000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
91	1 RS-4& 101 RS-6	EDGAR	35	35
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70638	