

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8892	09-00099-00-RS	MADISON	14	1
		ILLINOIS	CONTRACT NO. 97-413	

FEDERAL AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

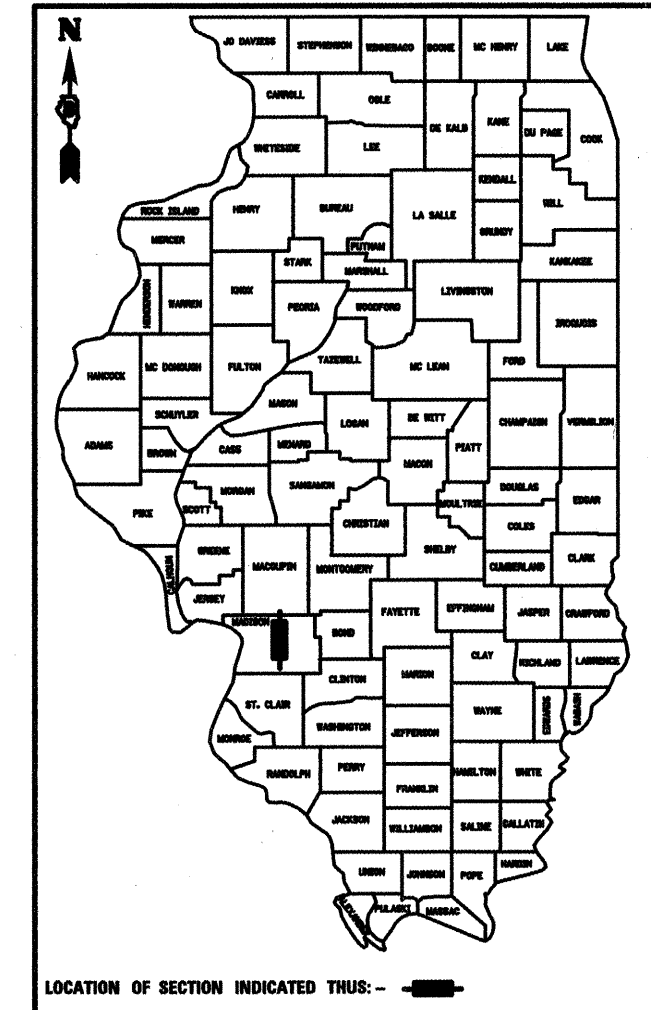
ARRA PROGRAM
RESURFACING
FAU ROUTE 8892 (MADISON AVE.)
SECTION 09-00099-00-RS
PROJECT ARA-5011(268)
JOB NO C-98-347-09
CITY OF EDWARDSVILLE
MADISON COUNTY

INDEX OF SHEETS

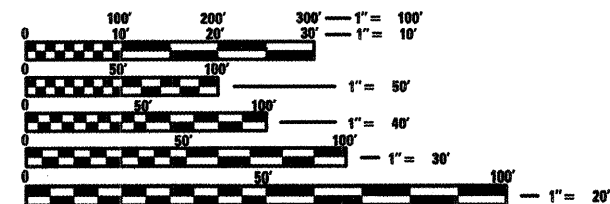
- 1 COVER SHEET
- 2 SUMMARY OF QUANTITIES & GENERAL NOTES
- 3-4 TYPICAL SECTIONS
- 5 SCHEDULES
- 6-10 PLAN AND PROFILE SHEETS
- 11-13 INTERSECTION DETAIL SHEETS
- 14 CONSTRUCTION DETAILS

LIST OF STANDARDS

- 000001-05
- 424001-05
- 442201-03
- 604001-03
- 606001-04
- 701301-03
- 701311-03
- 701501-05
- 701901-01
- 720001-01
- 720006-02
- 729001-01
- 780001-02
- BLR 18-5



T
4
N



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.

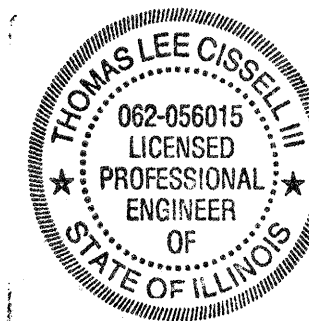
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

ROADWAY CLASSIFICATION = URBAN COLLECTOR
DESIGN SPEED = 30 MPH
CURRENT TRAFFIC = 2,700
DESIGN YEAR = 2018

LOCATION MAP



NET LENGTH OF PROJECT 2,686.41 FT (0.51 MILES)



R 8 W

EXPIRES 11/30/2009 *Tom Cissell* 11/06/09 DATE
TOM CISSSELL P.E. NO. 062-056015

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>[Signature]</i> - 11/05/09 MAYOR OF EDWARDSVILLE
PASSED	11/9/09 <i>[Signature]</i> DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	<i>[Signature]</i> 11/10/09 DEPUTY DIRECTOR OF HIGHWAYS REGION 5 ENGINEER

Eastport Business Center 1
100 Lanier Court, Suite 1
Collinsville, IL 62234
Phone: 618 345-2200
Facsimile: 618 345-7233



GENERAL NOTES

- UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 1.5 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

 AT&T (TELEPHONE)
 203 GOETHE STREET
 COLLINSVILLE, IL 62234
 (618) 346-6400

 CITY OF EDWARDSVILLE (WATER & SEWER)
 118 HILLSBORO AVENUE
 EDWARDSVILLE, IL 62025
 (618) 692-7535

 CHARTER COMMUNICATIONS
 210 WEST DIVISION STREET
 MARYVILLE, IL 62062
 (618) 277-2288

 AMEREN IP (GAS & ELECTRIC)
 2600 NORTH CENTER
 MARYVILLE, IL 62062
 (618) 346-1287
- THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ADJUTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED, AND MULCH ALL EARTH SURFACES DISTURBED DURING THE CONSTRUCTION OF SIDEWALK, CURB AND GUTTER, AND OTHER VARIOUS CONSTRUCTION ITEMS. THE COST TO FERTILIZE, SEED, AND MULCH ALL DISTURBED EARTH SURFACES WITHIN CONSTRUCTION LIMITS WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER. IF NOT SPECIFIED IN THE PLANS AS "REPAIR UNSTABLE SUBBASE", THIS WORK WILL BE PAID ACCORDING TO ARTICLE 109.04 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLE AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.
- ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED AFTER MILLING OPERATIONS. MILLED SURFACE MUST BE RESURFACED WITHIN 10 CALENDAR DAYS. FULL DEPTH SAW CUTS SHALL BE REQUIRED ALONG THE LIMITS OF THE PATCH. FULL DEPTH SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT COST BID OF THE PAVEMENT PATCHING INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED CROSSWALKS AND STOP BARS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER, IF NECESSARY, TO MATCH FIELD CONDITIONS.
- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:

 BITUMINOUS MATERIALS (PRIME COAT) 0.075 GAL/SY
 AGGREGATE (PRIME COAT) 3 LBS/SY
 HOT-MIX ASPHALT 112 LBS/SQYD/INCH THICKNESS
- THE FOLLOWING SYMBOLS, ABBREVIATIONS, AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

 BO BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
 CONSTR CONSTRUCTION
 CP CONTROL POINT
 ELEV ELEVATION
 NF NOW OR FORMERLY
 OC OIL AND CHIP
 PERM PERMANENT
 PVC POLYVINYL CHLORIDE PIPE
 TBA TO BE ADJUSTED
 TBR TO BE RELOCATED
 TBRR TO BE REMOVED AND RELOCATED
 TYP TYPICAL
 W WIDTH

COMMITMENTS

NONE

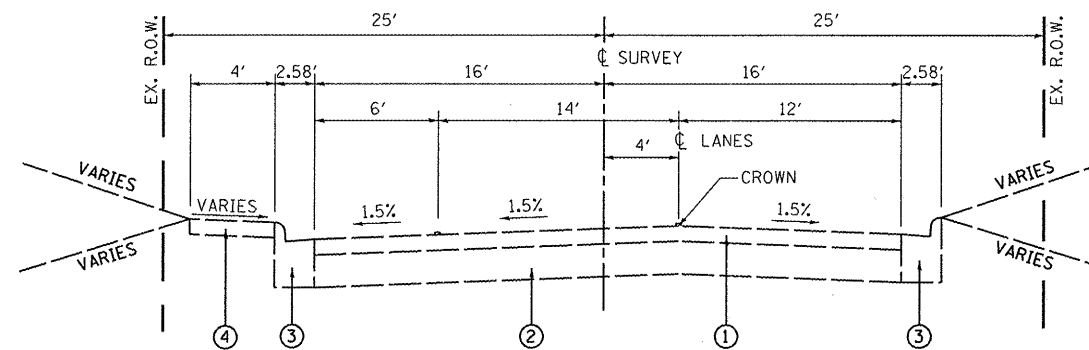
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	69
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	206
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	684
40600300	AGGREGATE (PRIME COAT)	TON	14
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,022
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,431
42400800	DETECTABLE WARNINGS	SQ FT	76
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	9,126
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	297
44000600	SIDEWALK REMOVAL	SQ FT	1,135
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	27
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	26
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	58
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	95
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	11
60260200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	6
60600605	CONCRETE CURB, TYPE B	FOOT	130
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	313
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4,004
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1,000
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	167
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	665
72000100	SIGN PANEL - TYPE 1	SQ FT	24
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	66
S 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,000
S 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	417
S 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	316

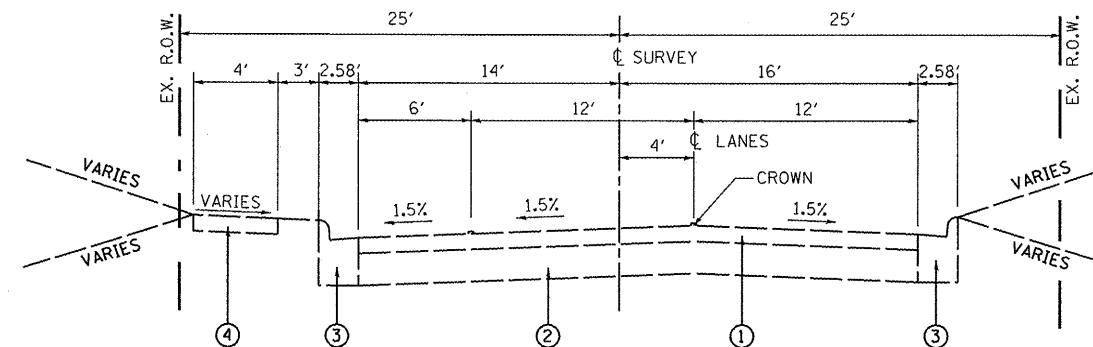
* SPECIAL PROVISION
 S SPECIALTY ITEM

Revised 12/09/09

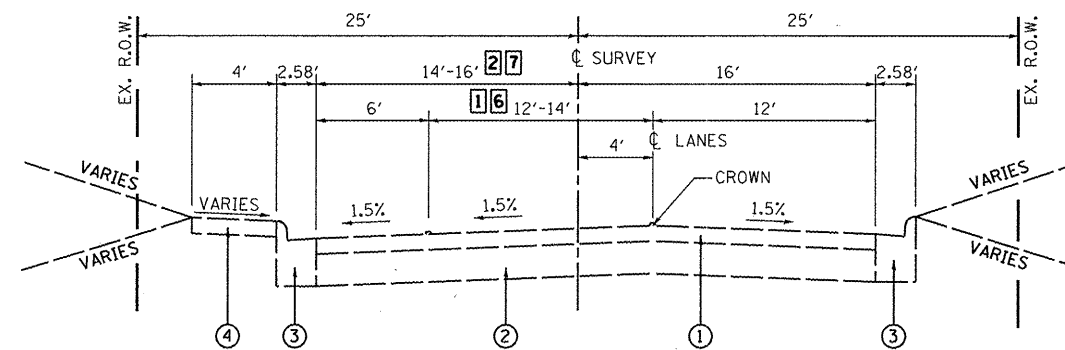
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PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	MADISON AVENUE RESURFACING CONTRACT NO. 97413				
PLOT DATE = 11/19/2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								



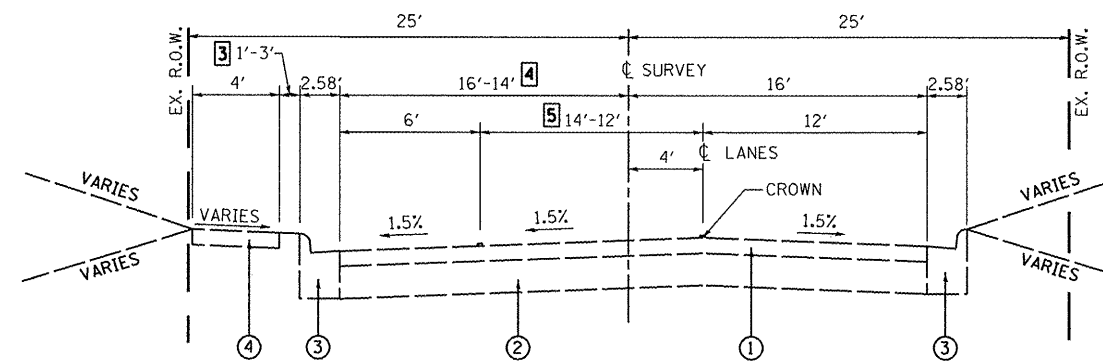
EXISTING MADISON AVENUE
 STA 15+75 TO STA 17+64 *
 (NOT TO SCALE)



EXISTING MADISON AVENUE
 STA 19+38 TO STA 20+90
 STA 27+74 TO STA 36+56.94
 (NOT TO SCALE)



EXISTING MADISON AVENUE
 STA 9+70.53 TO STA 15+75
 STA 20+90 TO STA 27+74
 (NOT TO SCALE)



EXISTING MADISON AVENUE
 STA 17+64 TO STA 19+38 *
 (NOT TO SCALE)

LEGEND

- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, 3"
- ② EXISTING HOT-MIX ASPHALT BASE COURSE, 6"
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER B-6.24
- ④ EXISTING PCC SIDEWALK, 4"
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- ⑥ PROPOSED HOT-MIX ASPHALT REMOVAL, 2"
- ⑦ PROPOSED BITUMINOUS MATERIALS PRIME COAT
- ⑧ PROPOSED AGGREGATE PRIME COAT

- ① VARIES 12' TO 14' FROM STA. 15+25 TO STA. 15+75
- ② VARIES 14' TO 16' FROM STA. 15+25 TO STA. 15+75
- ③ VARIES 1' TO 3' FROM STA. 18+88 TO STA. 19+36
- ④ VARIES 14' TO 16' FROM STA. 18+88 TO STA. 19+36
- ⑤ VARIES 12' TO 14' FROM STA. 18+88 TO STA. 19+36
- ⑥ 12' WIDE FROM STA. 20+90 TO STA. 27+74
- ⑦ 14' WIDE FROM STA. 20+90 TO STA. 27+74

* OMISSION FROM STATION 17+24 TO STATION 17+96

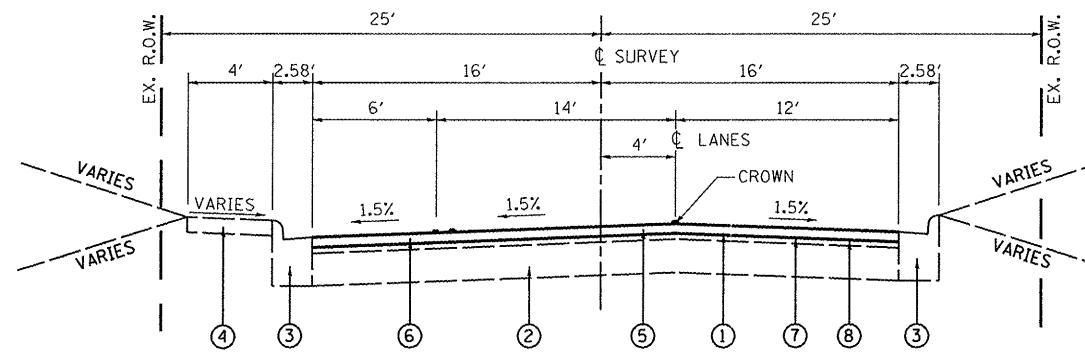
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

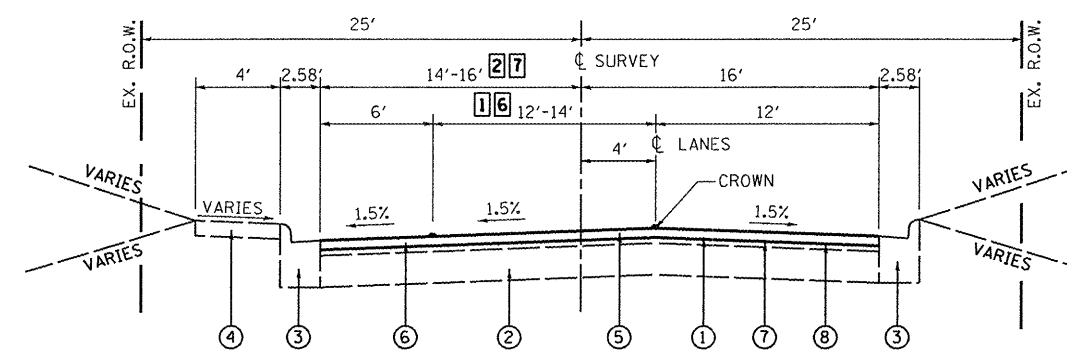
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F.A. RTE. 8892	SECTION 09-00099-00-RS	COUNTY MADISON	TOTAL SHEETS 14	SHEET NO. 3
MADISON AVENUE RESURFACING			CONTRACT NO. 97413	
ILLINOIS FED. AID PROJECT				

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	PLOT DATE = 11/5/2009	DATE -	REVISED -



PROPOSED MADISON AVENUE
STA 15+75 TO STA 17+64 •
(NOT TO SCALE)



PROPOSED MADISON AVENUE
STA 9+70.53 TO STA 15+75
STA 20+90 TO STA 27+74
(NOT TO SCALE)

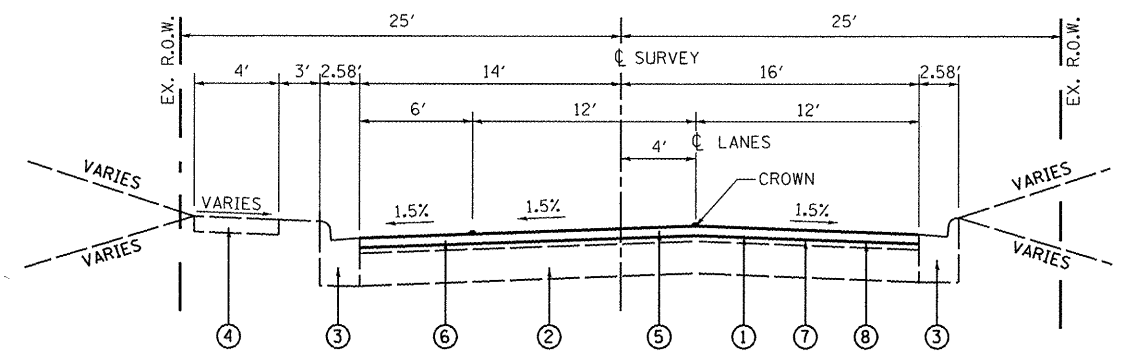
HOT-MIX ASPHALT DESIGN MIX TABLE		
MIXTURE USE	SURFACE COURSE	PAVEMENT PATCHES
THICKNESS	2"	9"
AC/PG	PG 70-22	PG 64-22
RAP % (MAX.)	10%	15%
DESIGN AIR VOIDS	4% @ Ndes = 70	4% @ Ndes = 70
MIX COMPOSITION	IL-9.5	IL-19.0
FRICITION AGGREGATE	MIXTURE C	MIXTURE B

LEGEND

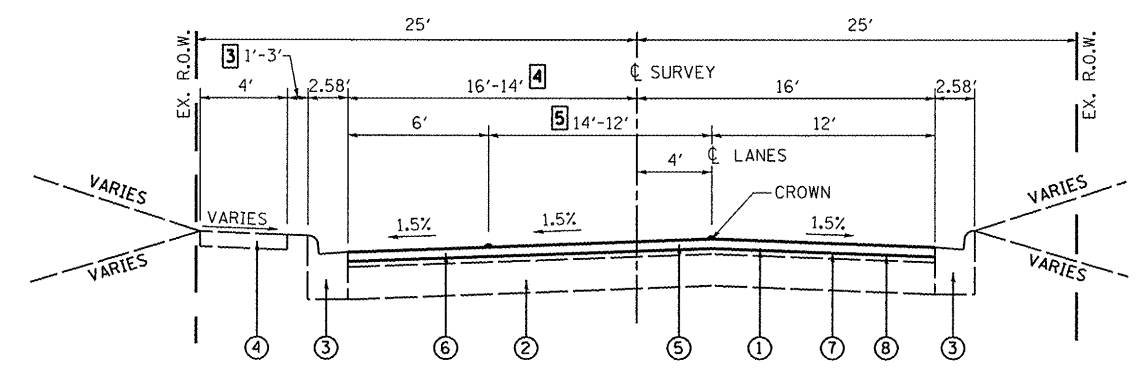
- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, 3"
- ② EXISTING HOT-MIX ASPHALT BASE COURSE, 6"
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER B-6.24
- ④ EXISTING PCC SIDEWALK, 4"
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"
- ⑥ PROPOSED HOT-MIX ASPHALT REMOVAL, 2"
- ⑦ PROPOSED BITUMINOUS MATERIALS PRIME COAT
- ⑧ PROPOSED AGGREGATE PRIME COAT

- ① VARIES 12' TO 14' FROM STA. 15+25 TO STA. 15+75
- ② VARIES 14' TO 15' FROM STA. 15+25 TO STA. 15+75
- ③ VARIES 1' TO 3' FROM STA. 18+88 TO STA. 19+38
- ④ VARIES 14' TO 16' FROM STA. 18+88 TO STA. 19+38
- ⑤ VARIES 12' TO 14' FROM STA. 18+88 TO STA. 19+38
- ⑥ 12' WIDE FROM STA. 20+90 TO STA. 27+74
- ⑦ 14' WIDE FROM STA. 20+90 TO STA. 27+74

• OMISSION FROM STATION 17+24 TO STATION 17+96



PROPOSED MADISON AVENUE
STA 19+38 TO STA 20+90
STA 27+74 TO STA 36+56.94
(NOT TO SCALE)



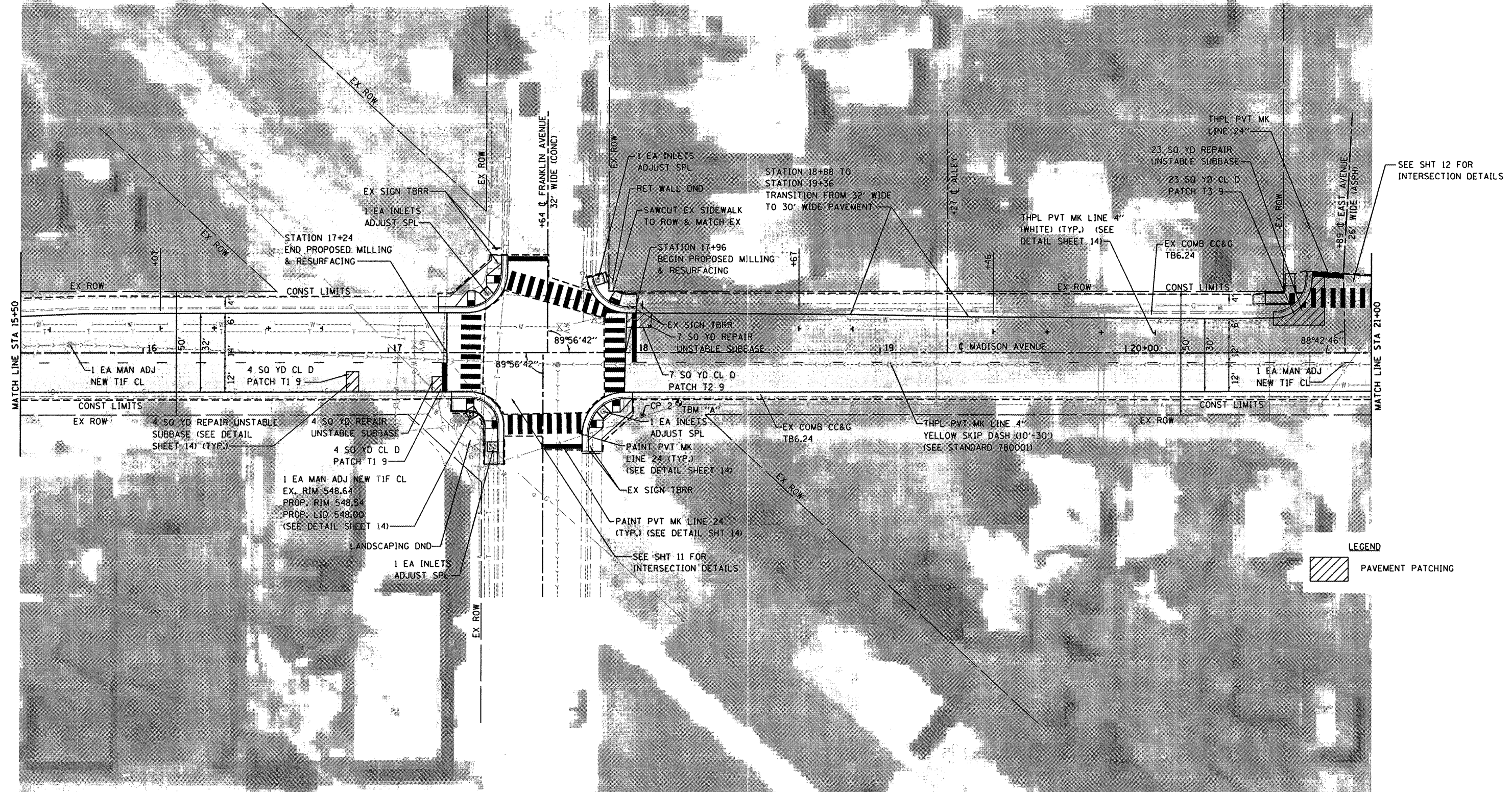
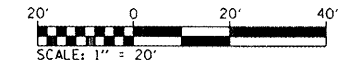
PROPOSED MADISON AVENUE
STA 17+64 TO STA 19+38 •
(NOT TO SCALE)


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PLOT DATE = 11/5/2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
SCALE: NONE SHEET NO. 2 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8892	09-00099-00-RS	MADISON	14	4
MADISON AVENUE RESURFACING		CONTRACT NO. 97413		
ILLINOIS FED. AID PROJECT				

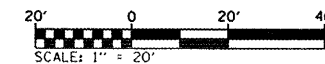


LEGEND
 PAVEMENT PATCHING

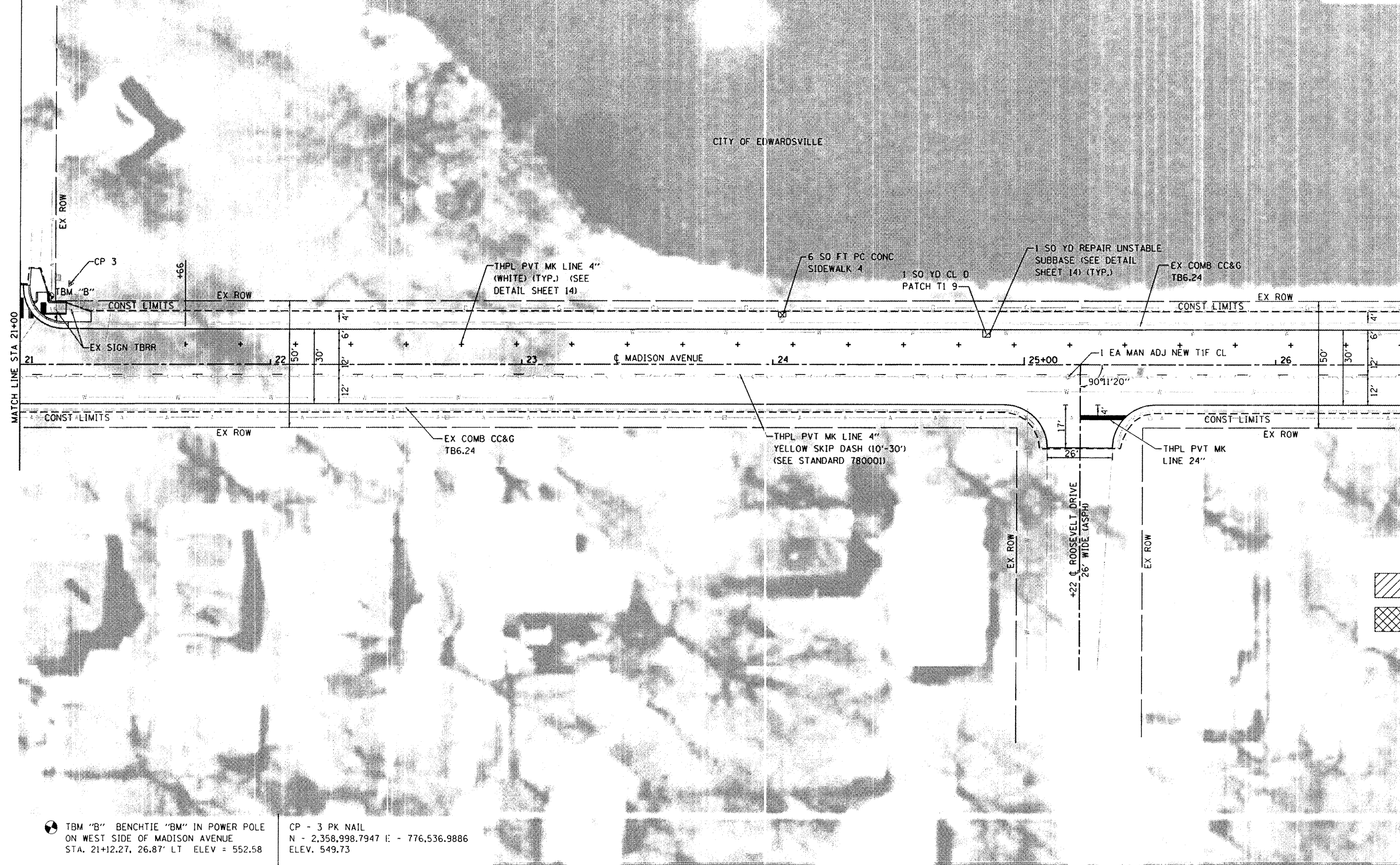
CP - 2 IRON BAR WITH CAP
 N - 2,359,054.932 E - 776,220.095
 ELEV. 548.65

TBM "A" BENCHTIE "BM" IN POWER POLE
 ON EAST SIDE OF MADISON AVENUE
 STA. 18+18.01, 20.34' RT ELEV = 551.04

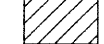

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		CHECKED -	REVISED -						MADISON AVENUE RESURFACING				
		DATE -	REVISED -						CONTRACT NO. 97413				
								ILLINOIS FED. AID PROJECT					




CITY OF EDWARDSVILLE



LEGEND

-  PAVEMENT PATCHING
-  SIDEWALK REM & REPL

 TBM "B" BENCHTIE "BM" IN POWER POLE ON WEST SIDE OF MADISON AVENUE
 STA. 21+12.27, 26.87' LT ELEV = 552.58

CP - 3 PK NAIL
 N - 2,358,998.7947 E - 776,536.9886
 ELEV. 549.73

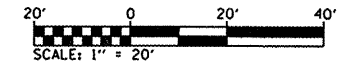
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEETS

SCALE: 1"=20' SHEET NO. 3 OF 5 SHEETS STA. 21+00 TO STA. 26+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8892	09-00099-00-RS	MADISON	14	8
MADISON AVENUE RESURFACING			CONTRACT NO. 97413	
ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = travis	DESIGNED - PAM	REVISED -
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	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 11/6/2009	DATE -	REVISED -

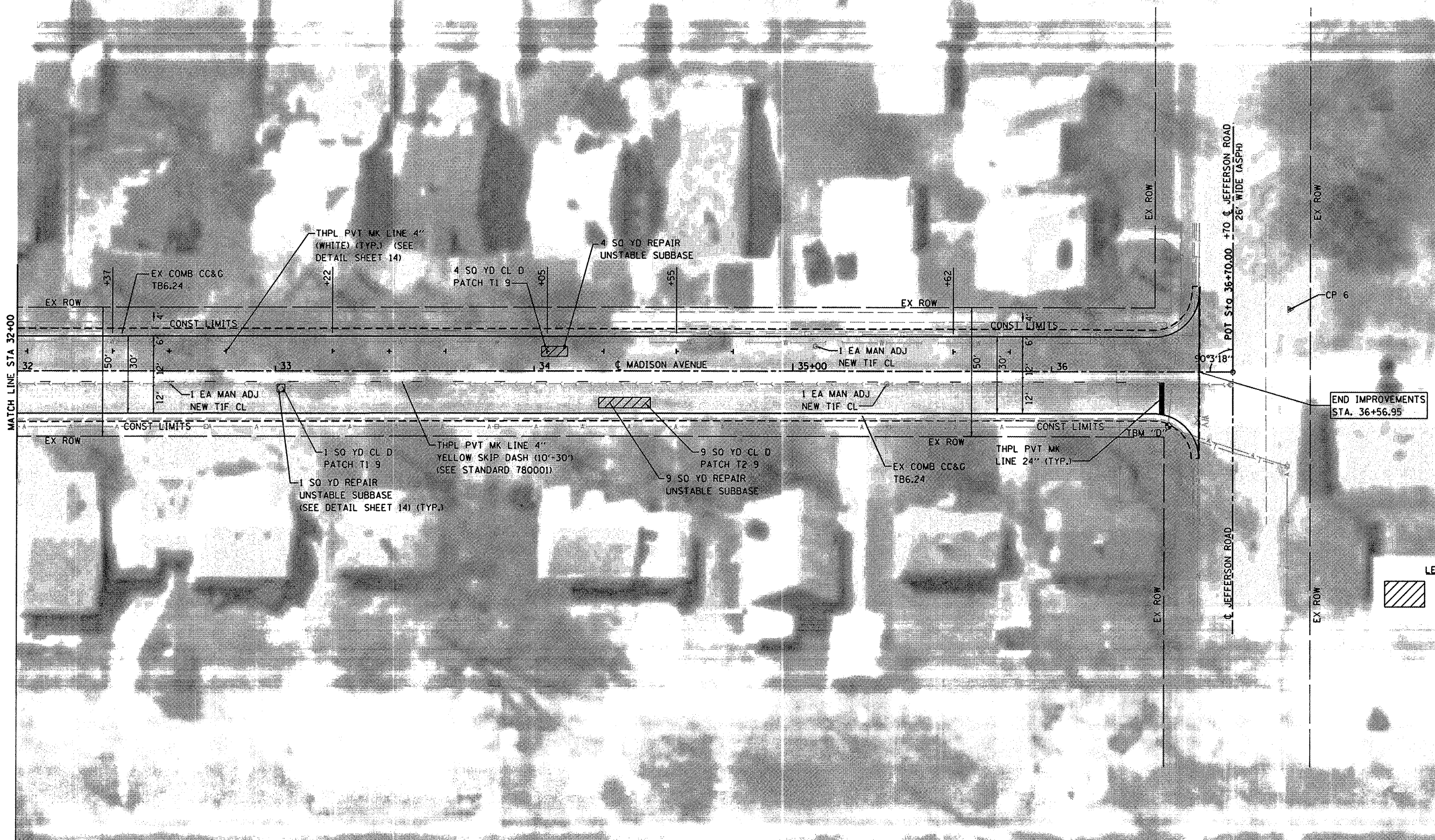
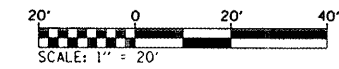


LEGEND
 PAVEMENT PATCHING


TBM "C" CUT "X" ON SOUTHWEST BOLT OF FIRE HYDRANT ON WEST SIDE OF MADISON AVENUE STA. 27+89.11, 26.39' LT ELEV = 546.77

CP - 5 PK NAIL
 N - 2,359,054.3786 E - 777,353.55529
 ELEV. 547.09

FILE NAME = H:\P\29812\Microstation\08-29012ppsheets.dgn	USER NAME = travis	DESIGNED - PAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS			F.A.U. RTE. 8892	SECTION 09-00099-00-R5	COUNTY MADISON	TOTAL SHEETS 14	SHEET NO. 9
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -		SCALE: 1"=20' SHEET NO. 4 OF 5 SHEETS STA. 26+50 TO STA. 32+00			MADISON AVENUE RESURFACING CONTRACT NO. 97413				
PLOT DATE = 11/6/2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



END IMPROVEMENTS
STA. 36+56.95

LEGEND
 PAVEMENT PATCHING

● TBM "D" BENCHTIE "BM" IN POWER POLE
ON EAST SIDE OF MADISON AVENUE
STA. 36+45.14, 20.73' RT ELEV = 545.71

CP - 6 IRON BAR WITH CAP
N - 778,108.908 E - 2,359,009.134
ELEV. 545.24

FILE NAME =	USER NAME = travis	DESIGNED - PAM	REVISED -
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PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 11/6/2009		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE SHEETS

SCALE: 1"=20' SHEET NO. 5 OF 5 SHEETS STA. 32+00 TO STA. 36+39

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8892	09-00099-00-RS	MADISON	14	10
MADISON AVENUE RESURFACING			CONTRACT NO. 97413	
ILLINOIS FED. AID PROJECT				

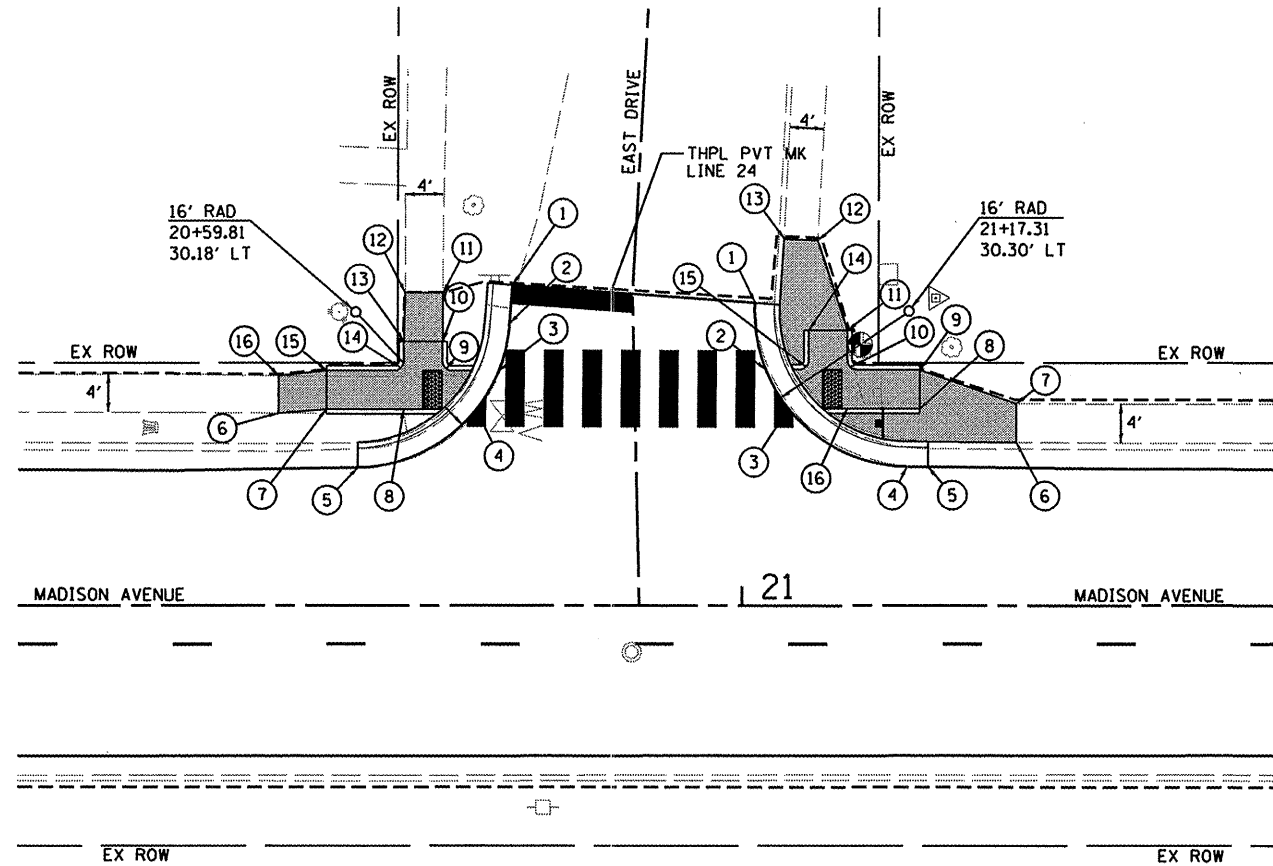
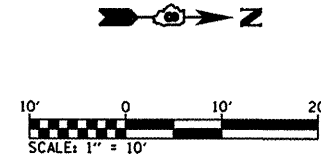
SW RADIUS RETURN

PT. NO.	STATION	OFFSET	ELEVATION
1	20+76.07	33.02' LT	549.17 (EOP)
	20+73.50	33.22' LT	549.55 (BC)
2	20+75.77	29.00' LT	549.30 (EOP)
	20+73.20	29.20' LT	549.68 (BC)
3	20+74.64	24.17' LT	549.45 (EOP)
	20+71.82	24.17' LT	549.83 (BC)
	20+71.82	24.17' LT	549.37 (SW)
4	20+72.30	20.17' LT	549.61 (EOP)
	20+68.76	20.17' LT	549.99 (BC)
	20+68.76	20.17' LT	549.53 (SW)
5	20+60.06	14.18' LT	550.03 (EOP)
	20+60.02	16.76' LT	550.24 (BC)
6	20+51.76	19.80' LT	549.67 (SW)
7	20+56.77	20.20' LT	549.65 (SW)
			549.65 (TC)
8	20+64.79	20.19' LT	549.59 (SW)
			549.80 (TC)
9	20+69.19	24.39' LT	549.43 (SW)
			549.66 (TC)
10	20+68.80	27.18' LT	549.49 (SW)
			549.49 (TC)
11	20+68.83	32.18' LT	549.43 (SW)
12	20+64.93	32.18' LT	549.44 (SW)
13	20+64.80	27.18' LT	549.57 (SW)
			549.57 (TC)
14	20+64.50	24.48' LT	549.51 (SW)
			549.60 (TC)
15	20+56.79	24.20' LT	549.66 (SW)
			549.66 (TC)
16	20+51.78	23.65' LT	549.76 (SW)

NOTE: PROPOSED CURB GRADES LOWERED TO FACILATE DRAINAGE. CONSTRUCT PAVEMENT PATCH, 8" TO MATCH PROPOSED CURB GRADES.

NW RADIUS RETURN

PT. NO.	STATION	OFFSET	ELEVATION
1	21+01.33	31.16' LT	549.29 (EOP)
	21+03.90	30.97' LT	549.72 (BC)
2	21+02.47	24.31' LT	549.56 (EOP)
	21+05.30	24.31' LT	549.48 (BC)
	21+05.30	24.31' LT	549.94 (SW)
3	21+04.84	20.31' LT	549.72 (EOP)
	21+08.35	20.31' LT	549.64 (BC)
	21+08.35	20.31' LT	550.10 (SW)
4	21+17.11	14.30' LT	549.89 (EOP)
	21+17.15	16.88' LT	550.23 (BC)
5	21+19.28	14.28' LT	549.88 (EOP)
	21+19.28	16.88' LT	550.22 (BC)
6	21+28.42	16.79' LT	550.15 (SW)
7	21+28.43	20.81' LT	550.22 (SW)
8	21+18.43	20.29' LT	550.29 (SW)
			550.29 (TC)
9	21+18.43	24.29' LT	550.37 (SW)
			550.37 (TC)
10	21+11.23	24.59' LT	549.60 (SW)
			549.81 (TC)
11	21+10.95	28.30' LT	549.94 (SW)
			549.94 (TC)
12	21+07.86	37.66' LT	549.56 (SW)
13	21+04.35	37.84' LT	549.45 (SW)
14	21+06.95	28.31' LT	549.86 (SW)
			549.86 (TC)
15	21+06.65	24.60' LT	549.52 (SW)
			549.91 (TC)
16	21+10.93	20.30' LT	549.68 (SW)
			550.15 (TC)



**INTERSECTION LAYOUT
MADISON AVENUE AND EAST DRIVE**
SCALE: 1"=10'

LEGEND

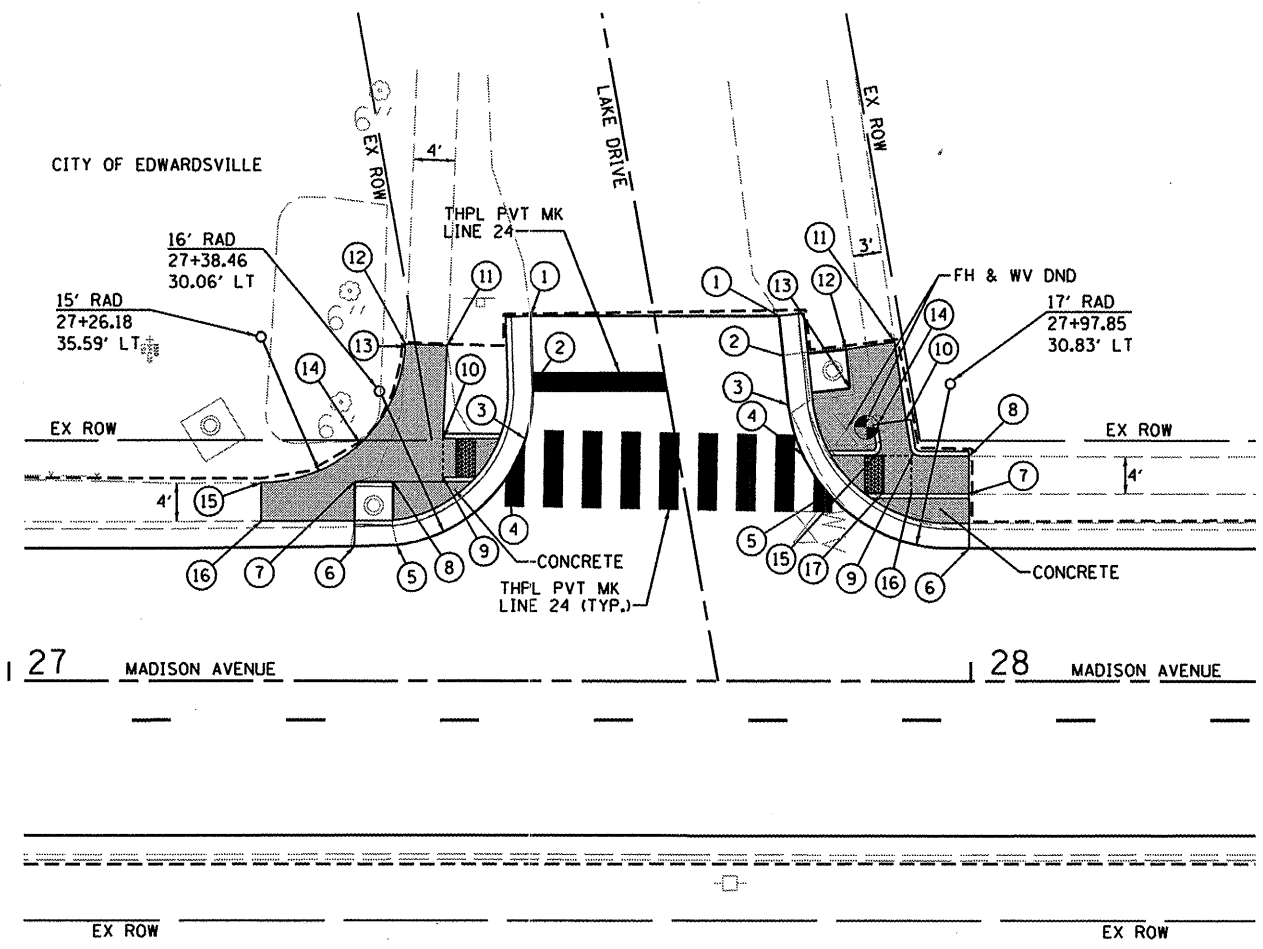
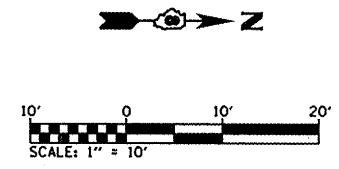
- EOP = EDGE OF PAVEMENT
- BC = BACK OF CURB
- SW = SIDEWALK
- TC = TOP OF CURB
- PROP. PCC SIDEWALK, 4"

SW RADIUS RETURN

PT. NO.	STATION	OFFSET	ELEVATION
1	27+54.20	37.72' LT	544.13 (EOP)
	27+51.63	37.63' LT	544.51 (BC)
2	27+54.45	30.63' LT	544.00 (EOP)
	27+51.88	30.54' LT	544.38 (BC)
3	27+53.69	25.17' LT	543.83 (EOP)
	27+50.96	25.17' LT	544.21 (BC)
	27+50.96	25.17' LT	543.75 (SW)
4	27+51.82	21.17' LT	543.71 (EOP)
	27+48.51	21.17' LT	544.09 (BC)
	27+48.51	21.17' LT	543.63 (SW)
5	27+40.25	14.16' LT	543.57 (EOP)
	27+40.25	16.72' LT	543.85 (BC)
6	27+35.90	14.09' LT	543.62 (EOP)
	27+35.89	16.67' LT	543.95 (BC)
7	27+35.89	20.67' LT	544.03 (SW)
8	27+39.89	20.67' LT	543.93 (SW)
9	27+45.11	21.17' LT	543.83 (SW)
			543.83 (TC)
10	27+45.11	25.17' LT	543.91 (SW)
			543.91 (TC)
11	27+45.52	34.70' LT	544.25 (SW)
12	27+41.16	34.87' LT	544.18 (SW)
13	27+41.15	34.61' LT	544.16 (SW)
14	27+36.45	24.66' LT	544.11 (SW)
15	27+26.23	20.59' LT	544.06 (SW)
16	27+26.23	16.62' LT	543.94 (SW)

NW RADIUS RETURN

PT. NO.	STATION	OFFSET	ELEVATION
1	27+80.00	37.74' LT	543.96 (EOP)
	27+82.56	38.01' LT	544.34 (BC)
2	27+80.43	33.65' LT	543.95 (EOP)
	27+83.00	33.92' LT	544.33 (BC)
3	27+80.99	28.69' LT	543.95 (EOP)
	27+83.49	29.31' LT	544.33 (BC)
4	27+82.51	23.50' LT	543.99 (EOP)
	27+85.44	23.50' LT	544.37 (BC)
	27+85.44	23.50' LT	543.91 (SW)
5	27+85.16	19.50' LT	544.02 (EOP)
	27+88.93	19.50' LT	544.40 (BC)
	27+88.93	19.50' LT	543.94 (SW)
6	27+99.79	13.83' LT	544.13 (EOP)
	27+99.79	16.41' LT	544.47 (BC)
7	27+99.77	19.44' LT	544.63 (SW)
			544.63 (TC)
8	27+99.77	23.38' LT	544.72 (SW)
			544.72 (TC)
9	27+94.00	23.67' LT	544.24 (BC)
			544.54 (TC)
10	27+93.31	27.14' LT	544.54 (SW)
			544.54 (TC)
11	27+92.03	35.10' LT	544.58 (SW)
12	27+86.97	34.35' LT	544.48 (SW)
13	27+87.40	30.37' LT	544.46 (SW)
14	27+90.28	26.70' LT	544.39 (SW)
			544.39 (TC)
15	27+90.34	23.80' LT	544.16 (SW)
			544.39 (TC)
16	27+90.75	19.48' LT	544.08 (SW)
			544.42 (TC)
17	27+93.77	19.48' LT	544.16 (SW)
			544.50 (TC)

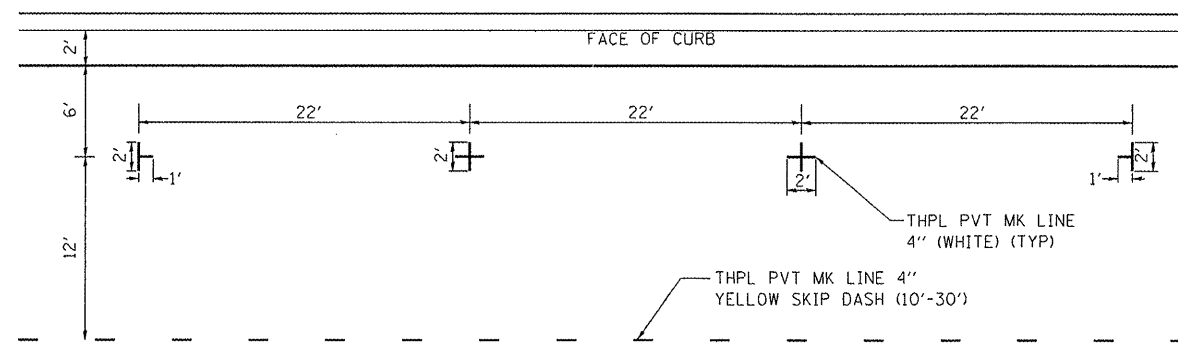


INTERSECTION LAYOUT
MADISON AVENUE AND LAKE DRIVE
 SCALE: 1"=10'

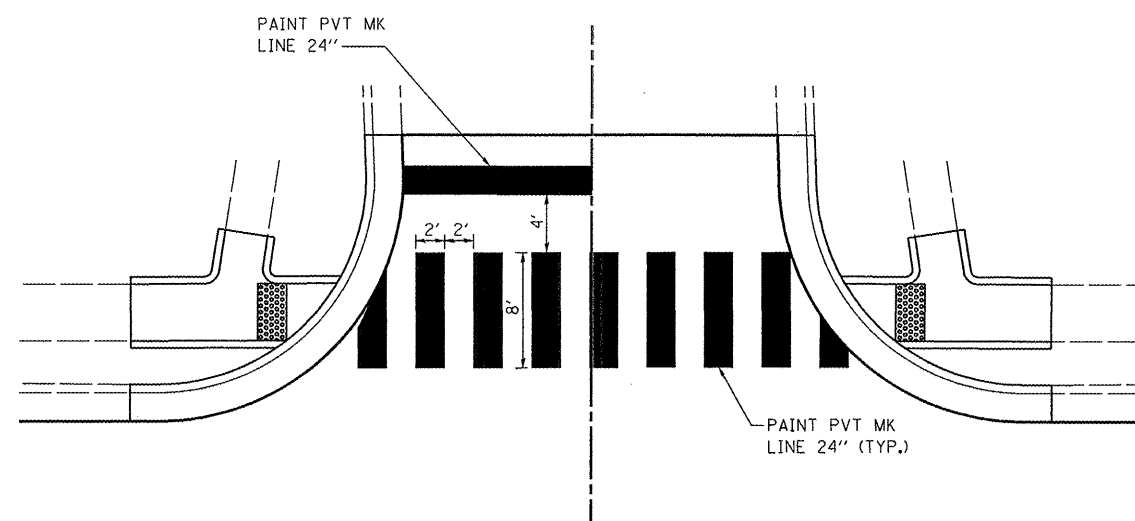
LEGEND

- EOP = EDGE OF PAVEMENT
- BC = BACK OF CURB
- SW = SIDEWALK
- TC = TOP OF CURB
- PROP. PCC SIDEWALK, 4"

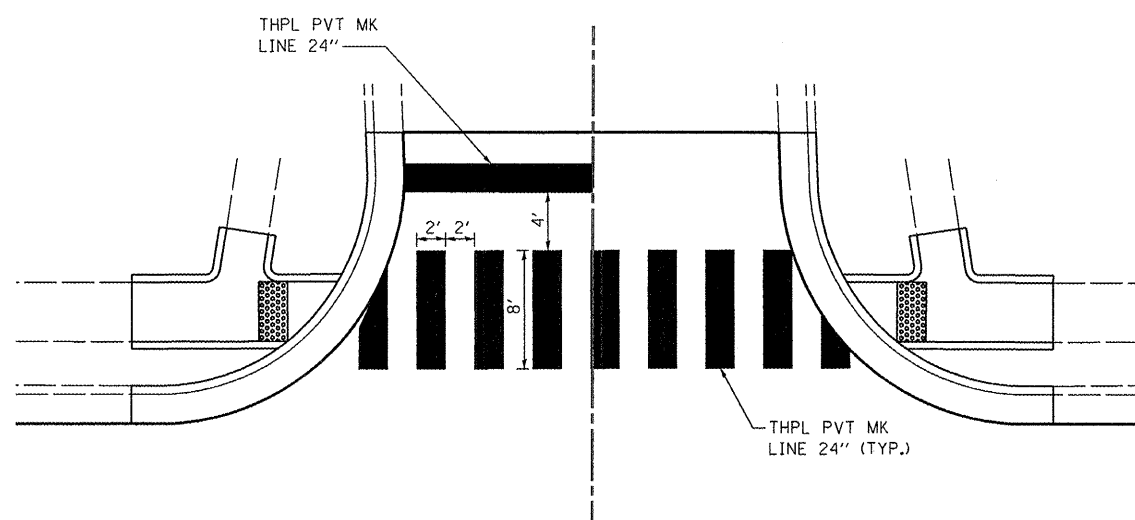
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PLOT SCALE = 20.0000' / IN.	DRAWN - JTH	CHECKED -	REVISED -			SCALE: 1"=20'	SHEET NO. 3 OF 4 SHEETS	MADISON AVENUE RESURFACING		CONTRACT NO. 97413	
PLOT DATE = 11/5/2009	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					



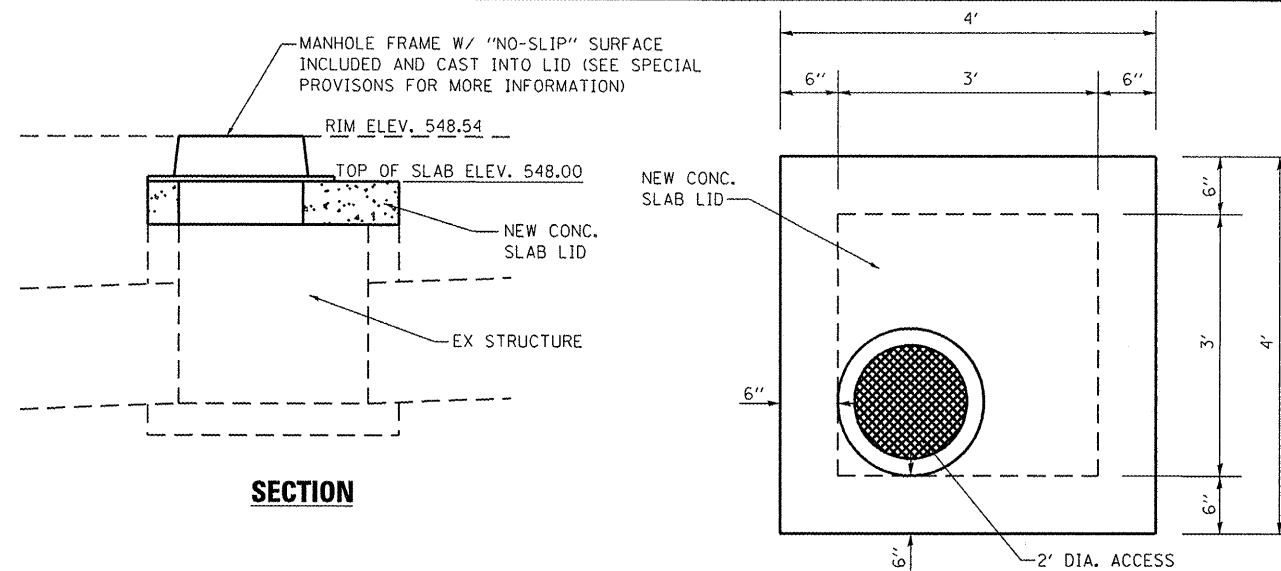
PARKING LANE STRIPING DETAILS
(NOT TO SCALE)



**CROSSWALK STRIPING DETAILS
ON CONCRETE PAVEMENT**
(NOT TO SCALE)



**CROSSWALK STRIPING DETAILS
ON ASPHALT PAVEMENT**
(NOT TO SCALE)

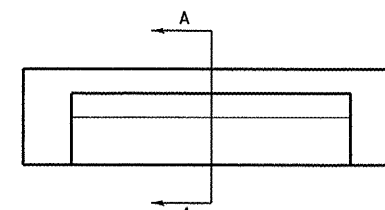


SECTION

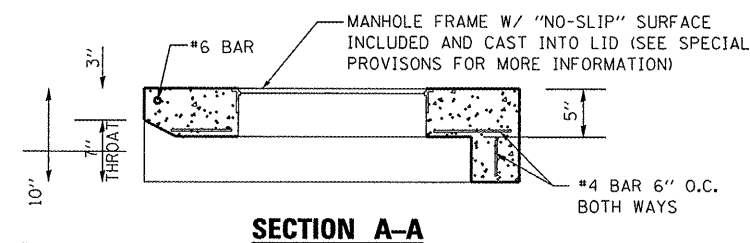
PLAN

MANHOLE ADJUSTMENT DETAIL

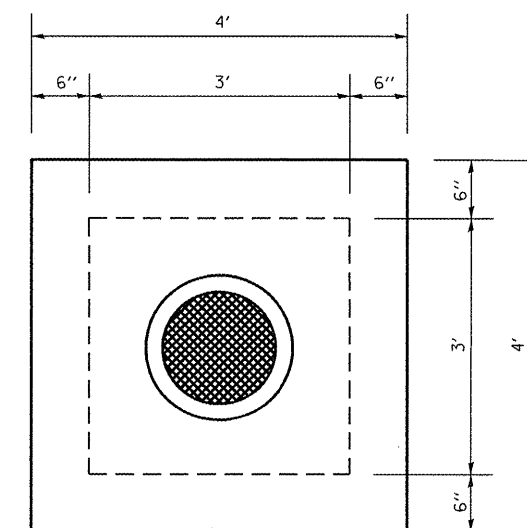
STA. 17+34, 24.24' RT
(NOT TO SCALE)



ELEVATION



SECTION A-A

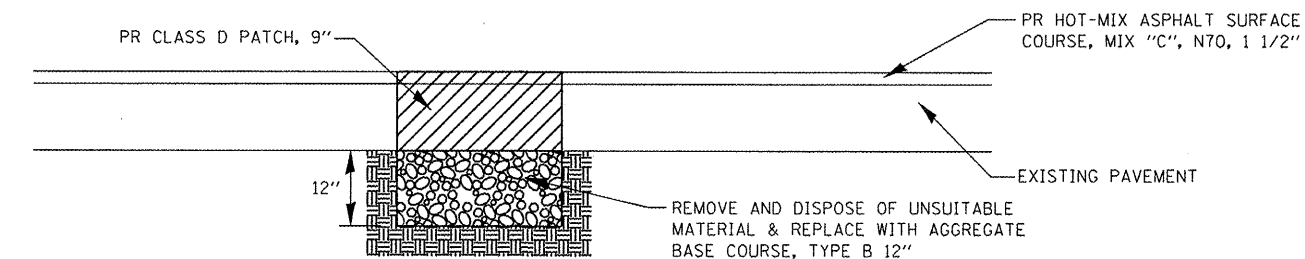


PLAN

INLET LID (SPECIAL)

(NOT TO SCALE)

NOTE: MODIFY THROAT DEPTH TO MATCH EXISTING
FIELD CONDITIONS AS REQUIRED



REPAIR UNSTABLE SUBBASE DETAIL

(NOT TO SCALE)

FILE NAME =	USER NAME = travis	DESIGNED -	REVISED -
H:\P\29812\Microstation\08-29812\details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 11/6/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8892	09-00099-00-RS	MADISON	14	14
MADISON AVENUE RESURFACING			CONTRACT NO. 97413	

ILLINOIS FED. AID PROJECT