

FOR UNDERGROUND UTILITY LOCATIONS  
CALL J.U.L.I.E. TOLL FREE 1-800-892-0123

**STATE OF ILLINOIS, DISTRICT SEVEN (7)  
CITY OF MATTOON, AMERICAN RECOVERY AND REINVESTMENT ACT,  
AND SURFACE TRANSPORTATION URBAN FUNDS**

**CITY OF MATTOON  
SECTION 09-00182-00-RS  
SHEET 1 OF 54**

**SECTION 09-00182-00-RS**

**ROUTE: F.A.U. 7707 / PARK STREET**

**F.A.U. 7684 / 33<sup>RD</sup> STREET**

**F.A.U. 7685 / 32<sup>ND</sup> STREET**

**F.A.U. 7687 / 27<sup>TH</sup> STREET**

**F.A.U. 7672 / CHARLESTON AVENUE**

**F.A.U. 7678 / OKLAHOMA AVENUE**

**F.A.U. 7699 / 6<sup>TH</sup> STREET**

**JOB: C-97-030-10 PROJECT: ARA-M-5042(018) CONTRACT#: 95610  
COLES COUNTY**

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25-33	F.A.U. 7687 27 <sup>TH</sup> STREET
34-42	F.A.U. 7672 CHARLESTON AVENUE
43-49	F.A.U. 7678 OKLAHOMA AVENUE
50-54	F.A.U. 7699 6 <sup>TH</sup> STREET

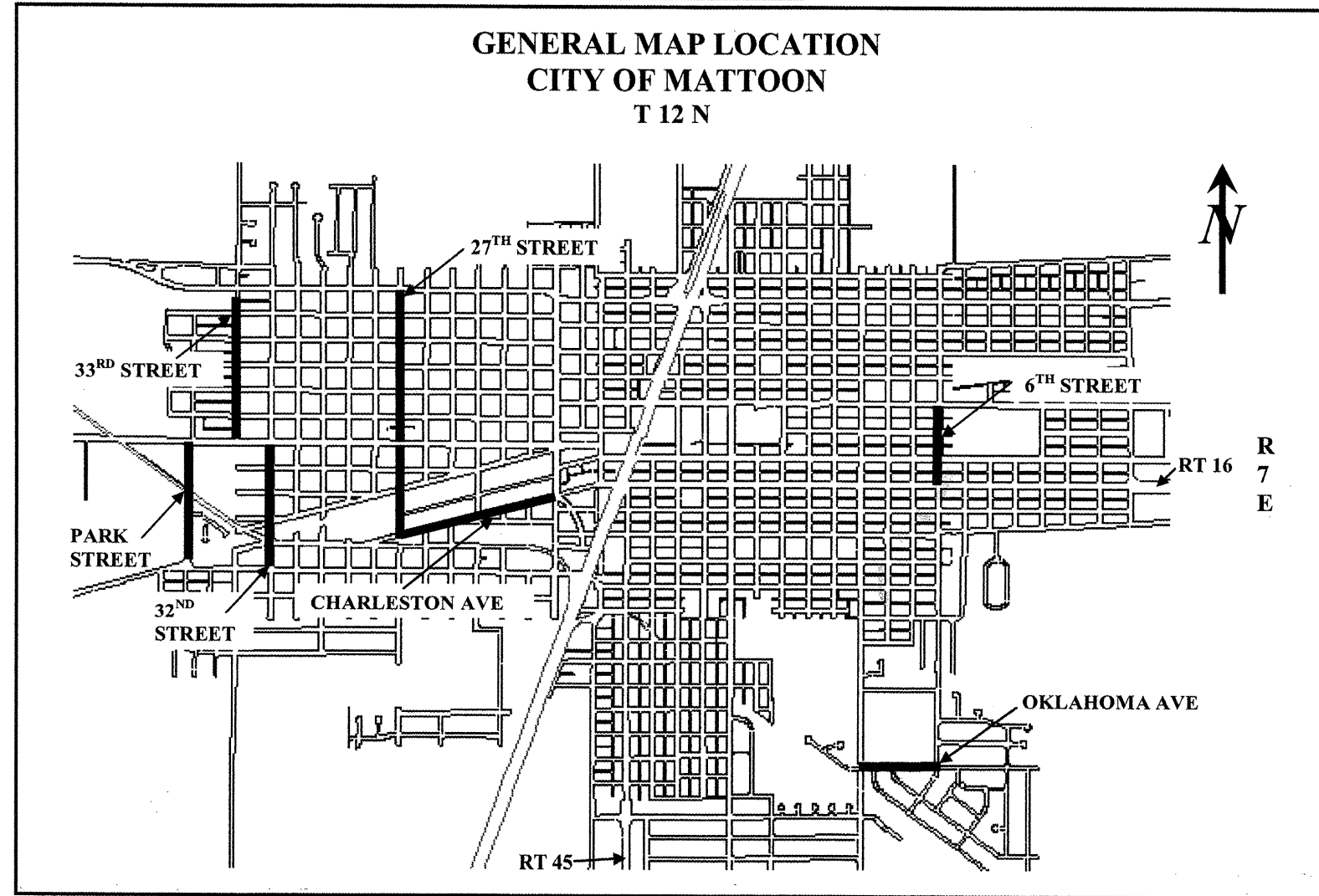
**LIST OF STANDARDS**

- 000001-05
- 424001-05
- 442201-03
- 606001-04
- 701301-03
- 701311-03
- 701501-05
- 701801-04
- 701901-01
- 780001-02
- B.L.R. 21-8
- B.L.R. 22-6

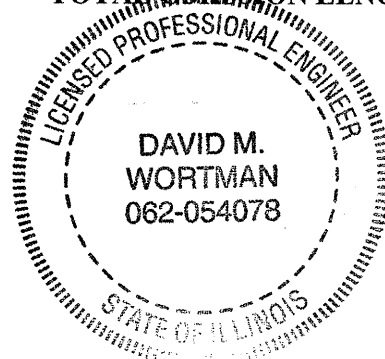
**BEGINNING AND ENDING STATIONS**

F.A.U. 7707	00+00 ~ 18+86.5
F.A.U. 7684	100+00 ~ 121+67
F.A.U. 7685	200+00 ~ 218+77
F.A.U. 7687	300+00 ~ 336+51
F.A.U. 7672	336+51 ~ 360+01
F.A.U. 7678	400+00 ~ 411+90
F.A.U. 7699	500+00 ~ 506+05.5

**FUNCTION CLASS ALL ROUTES: URBAN COLLECTOR  
DESIGN SPEED: 30 MPH**

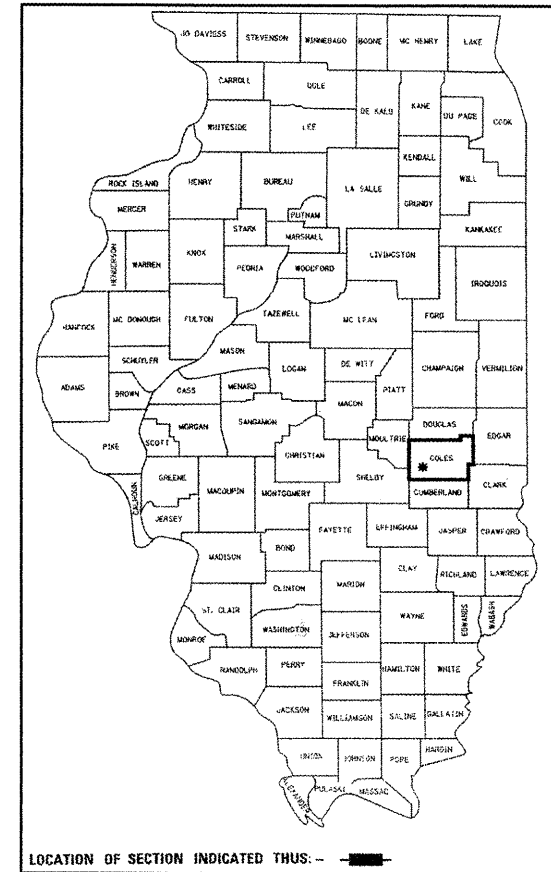


**TOTAL PROJECT LENGTH = 13,828' = 2.62 MILES      TOTAL NET LENGTH = 13,762' = 2.61 MILES  
TOTAL OMISSION LENGTHS = 66'**



*David M. Wortman*  
**David M. Wortman**  
208 N 19<sup>TH</sup> Street  
Mattoon, IL 61938  
Registered P.E.  
Ill No. 062-054078  
Expires 11-30-10

**1-15-10**  
Date



APPROVED 1-15 2010

*David M. Wortman*  
**MAYOR**

PASSED 1-20 2010

*Maureen Kast*  
**DISTRICT SEVEN ENGINEER  
OF LOCAL ROADS & STREETS**

Releasing For  
Bid Based on  
Limited Review

1-20 2010  
*Roger L. Dushell*  
**DEPUTY DIRECTOR OF HIGHWAYS,  
REGION FOUR ENGINEER**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## GENERAL NOTES:

**CITY OF MATTOON**  
**SECTION 09-00182-00-RS**  
**VARIOUS F.A.U. ROUTES**  
**JOB#: C-97-030-10**  
**PROJECT#: ARA-M-5042(018)**  
**CONTRACT #: 95610**  
**COLES COUNTY**  
**SHEET 2 OF 54**

THIS PROJECT SHALL BE CONSTRUCTED TO THE LINES AND GRADES AS SHOWN ON THE PLANS, OR AS DETERMINED BY THE ENGINEER.

ANY REFERENCE TO ILLINOIS DIVISION OF HIGHWAY STANDARDS SHALL MEAN THE LATEST REVISION TO SAID STANDARDS.

ANY BITUMINOUS MATERIALS AND AGGREGATE FROM THE FOLLOWING OPERATIONS, HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT, HOT MIX ASPHALT SURFACE REMOVAL, & PARTIAL DEPTH PATCHING 2", SHALL BE THE PROPERTY OF THE CITY OF MATTOON AND SHALL BE STOCK PILED AT THIS SPECIFIED LOCATION: GARMENT FACTORY 32<sup>ND</sup> AND CEDAR.

THE CONTRACTOR, AT HIS EXPENSE, WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH HIS CONSTRUCTION OPERATIONS, AND TEMPORARILY RESET SUCH SIGNS THAT THE ENGINEER FEELS ARE NECESSARY FOR PROPER TRAFFIC CONTROL. ANY POSTS OR SIGNS THAT ARE DAMAGED IN REMOVING, RESETTING, OR HANDLING SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

EXISTING PAVEMENT MARKED FOR SAWING SHALL BE NEATLY SAWED AT THE LOCATION WHERE THE PROPOSED CONSTRUCTION WILL ABUT THE EXISTING PAVEMENT. THE COST OF THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM INVOLVED. ALL SAW CUTS SHALL BE FULL DEPTH UNLESS SPECIFIED.

ALL GRASS SURFACES DISTURBED IN CONJUNCTION WITH THE CONSTRUCTION AT THE LOCATIONS SHOWN ON THE PLANS, WILL BE GRADED AND RE-SEEDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THESE GENERAL NOTES: ALSO, ALL RUTS AND IRREGULARITIES IN THE EXISTING SURFACE CREATED DURING CONSTRUCTION OF THE PROJECT SHALL BE "SCARIFIED AND GRADED TO THE SATISFACTION OF THE ENGINEER. THIS WORK AND REPAIR SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEMS INVOLVED.

TEMPORARY RAMP SLOPES SHALL BE 1:40 AND SHALL BE PLACED AT ALL BUTT JOINTS INCLUDING THOSE CREATED BY BITUMINOUS SURFACE REMOVAL, OR PAVING OPERATIONS NEXT TO PROPOSED OR EXISTING PAVEMENT. THIS MATERIAL AND WORK SHALL BE INCLUDED IN THE PAY ITEM INVOLVED. THE TEMPORARY RAMPS SHALL BE REMOVED PRIOR TO PLACEMENT OF LEVELING BINDER OR SURFACE COURSE. REMOVAL OF TEMPORARY RAMPS SHALL BE INCLUDED IN THE PAY ITEM INVOLVED. AT NO TIME SHALL A ROAD OR LANE BE OPENED TO TRAFFIC DURING CONSTRUCTION WITHOUT TEMPORARY RAMPS IN PLACE AS DETERMINED BY THE ENGINEER.

THE BITUMINOUS SURFACE REMOVAL PAY ITEMS SHALL BE DONE TO THE GRADE AND PROFILE SPECIFIED ON THE PLANS OR BY THE ENGINEER.

ANY OVER MILLING/REMOVAL IN DEPTH OF EXISTING SURFACE RESULTING IN INCREASED PROPOSED BITUMINOUS PAVING QUANTITIES SHALL BE AT THE EXPENSE OF THE CONTRACTOR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

THE PATCHING SCHEDULES INCLUDED IN THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF COMPLETION OF THE PLANS FOR LETTING. VARIATIONS IN LOCATION AND SIZES MAY OCCUR.

X0325599 PARTIAL DEPTH PATCHING 2" MUST BE LEFT 1" BELOW EXISTING GUTTER WHEN USED ADJACENT TO EXISTING CURB AND GUTTER ALL MILLING & EXCAVATION FOR PARTIAL DEPTH PATCHING SHALL BE INCLUDED IN THE PAY ITEM INVOLVED, PARTIAL DEPTH PATCHING 2". ALL PARTIAL DEPTH PATCHING 2" SHALL BE VARIABLE WIDTH AS DIRECTED BY THE ENGINEER WITH A MINIMUM WIDTH OF FOUR (4) FEET.

PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12 SHALL BE CONSTRUCTED 1" ABOVE EXISTING EDGE OF PAVEMENT, ALL EXCAVATION FOR PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12 SHALL BE INCLUDED IN THE PAY ITEM INVOLVED, COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12.

STANDARD 701801-04 SHALL BE USED FOR SIDEWALK CLOSURE AND SHALL BE INCLUDED IN THE PAY ITEM INVOLVED, P.C.C. SIDEWALK 8".

SHORT TERM PAVEMENT MARKINGS MUST BE PAINT ON MILLED SURFACES AND TAPE ON ALL PAVED SURFACES.

### SECTION 09-00182-00-RS MIX DESIGNS MIXTURE REQUIREMENTS – ALL F.A.U. ROUTES

PARK ST, 33<sup>RD</sup> ST, 32<sup>ND</sup> ST, 27<sup>TH</sup> ST, CHARLESTON AVE, OKLAHOMA AVE, & 6<sup>TH</sup> ST

<u>MIXTURE USE:</u>	<u>SURFACE</u>	<u>LEVEL BINDER</u>
AC/PG	PG 64-22	PG 64-22
RAP %: (MAX)**	15%	25%
DESIGN AIR VOIDS	4.0 % @ Ndes = 50	4.0% @ Ndes = 50
MIX. COMPOSITION (GRADATION MIX)	IL 9-5	IL 9-5
FRICITION AGGREGATE:	MIX C	MIX C

# SUMMARY OF QUANTITIES

**CITY OF MATTOON**  
**SECTION 09-00182-00-RS**  
**VARIOUS F.A.U. ROUTES**  
**JOB#: C-97-030-10**  
**PROJECT#: ARA-M-5042(018)**  
**CONTRACT #: 95610**  
**COLES COUNTY**  
**SHEET 3 OF 54**

<i>ITEM #</i>	<i>PAY ITEM</i>	<i>UNIT</i>	<i>QUANTITY</i>
XX003140	SHORT - TERM PAVEMENT MARKING REMOVAL	FOOT	2,000.00
XX004847	STONE DRIVEWAY REMOVAL	SQ. YDS.	130.70
XX006935	BRICK SURFACE REMOVAL - BUTT JOINT	SQ. YDS.	86.60
X0325599	PARTIAL DEPTH PATCHING 2"	TON	41.50
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	LUMP SUM	1.00
Z0048665	RAIL ROAD PROTECTIVE LIABILITY INSURANCE	LUMP SUM	1.00
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,929.00
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1,295.00
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ. YDS.	2,243.80
40603310	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50	TON	3,366.00
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	33.00
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ. FT.	1,268.00
44000157	HOT-MIX ASPHALT SURFACE REMOVAL 2"	SQ. YDS.	4,973.50
44000161	HOT-MIX ASPHALT SURFACE REMOVAL 3"	SQ. YDS.	569.10
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	317.00
44000600	SIDEWALK REMOVAL	SQ. FT.	951.00
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	219.00
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ. YDS.	3.10
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ. YDS.	7.80
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ. YDS.	44.40
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ. YDS.	34.10
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ. YDS.	16.50
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1.00
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3.00
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	49.00
60609200	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.12	FOOT	317.00
67100100	MOBILIZATION	LUMP SUM	1.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LUMP SUM	1.00
70300100	SHORT - TERM PAVEMENT MARKING	FOOT	2,000.00
* 78000100	THERMO PLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. FT.	328.00
* 78000200	THERMO PLASTIC PAVEMENT MARKING - LINE 4"	FOOT	15,494.00
* 78000400	THERMO PLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,821.00
* 78000650	THERMO PLASTIC PAVEMENT MARKING - LINE 24"	FOOT	643.00

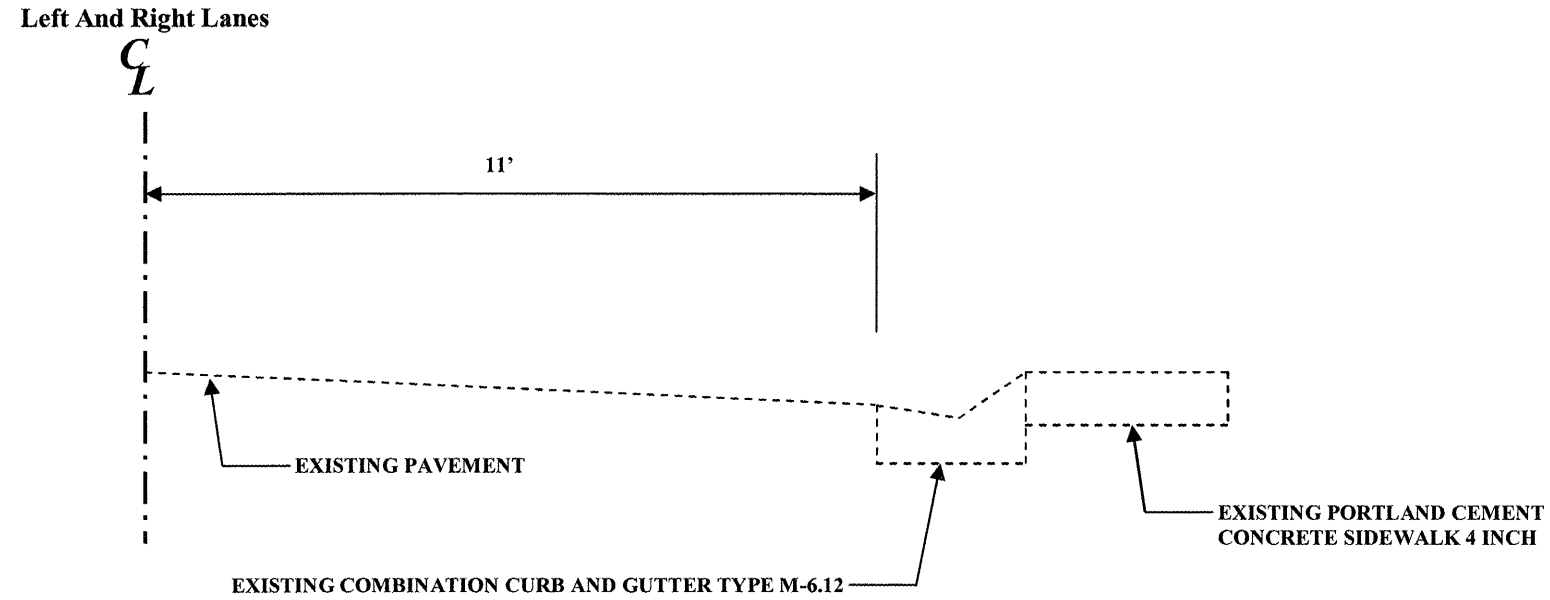
\* SPECIALTY ITEMS

# CURB AND GUTTER / SIDEWALK DETAIL

**CITY OF MATTOON**  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 F.A.U. 7707 00+00 ~ 18+86.5  
 COLES COUNTY  
 SHEET 4 OF 54

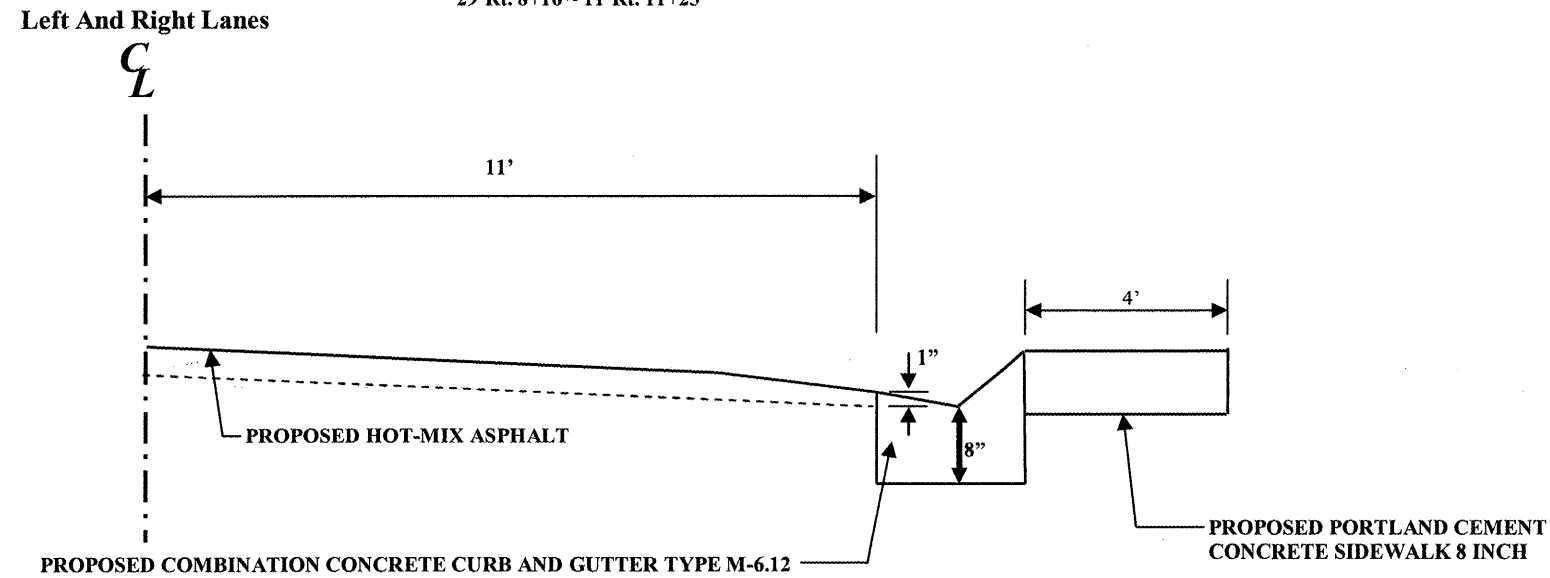
## EXISTING CROSS SECTION OF CURB & GUTTER AND SIDEWALK

EXISTING PORTLAND CEMENT CONCRETE SIDEWALK  
 29'Rt. 8+18 ~ 12.5'Rt. 11+22  
 EXISTING COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12  
 29'Rt. 8+16 ~ 11'Rt. 11+23



## PROPOSED CROSS SECTION OF CURB & GUTTER AND SIDEWALK

PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH  
 29'Rt. 8+18 ~ 12.5'Rt. 11+22  
 COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12  
 29'Rt. 8+16 ~ 11'Rt. 11+23



**NOTE:** PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12 SHALL BE CONSTRUCTED 1" ABOVE EXISTING EDGE OF PAVEMENT

ALL EXCAVATION FOR PROPOSED COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12 SHALL BE INCIDENTAL TO THE PAY ITEM INVOLVED, COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.12

JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

# SIDE STREETS. P.E., & C.E. TWO (2) FOOT TAPER

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 F.A.U. 7707 00+00 ~ 18+86.5  
 F.A.U. 7684 100+00 ~ 121+67  
 F.A.U. 7672 336+51 ~ 360+01  
 CONTRACT#: 95610  
 COLES COUNTY  
 SHEET 5 OF 54

**LOCATIONS:**

***F.A.U. 7707 / PARK STREET***

<u>Type</u>	<u>Location</u>	<u>Taper Length</u>
AGGREGATE	ALLEY 1+13	2.0
AGGREGATE	P.E., 9+09	2.0
AGGREGATE	P.E., 10+10	2.0
BITUMINOUS	P.E. 17+62	2.0

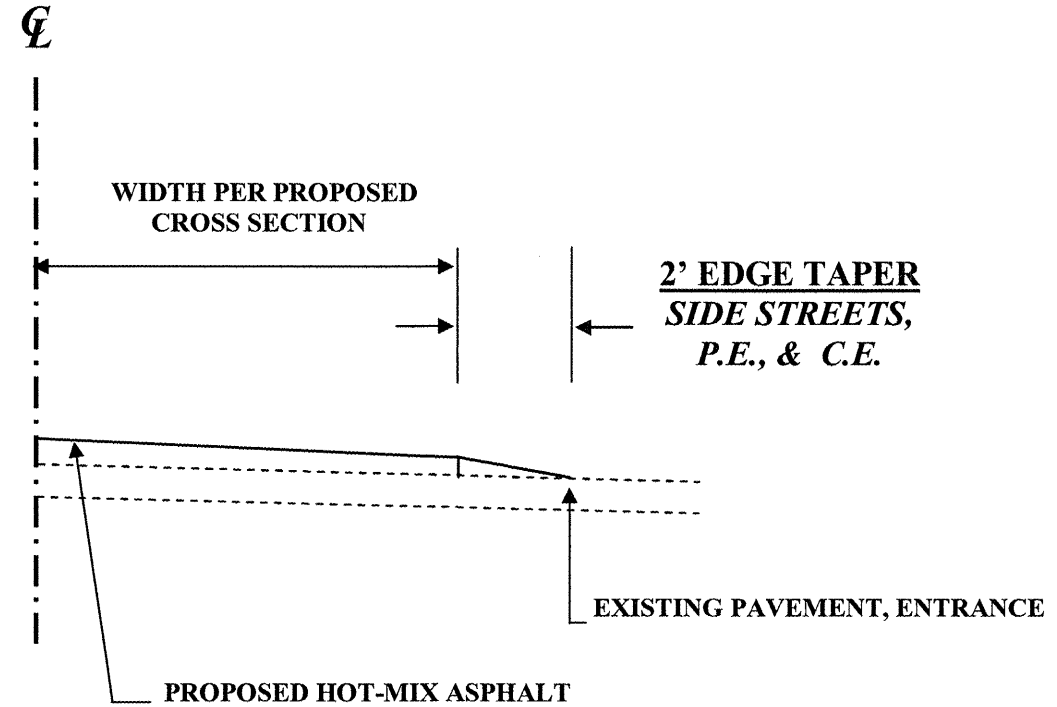
***F.A.U. 7684 / 33<sup>RD</sup> STREET***

<u>Type</u>	<u>Location</u>	<u>Taper Length</u>
O&C	PRAIRIE AVE Lt.	2.0
O&C	PRAIRIE AVE Rt.	2.0
O&C	RICHMOND AVE Lt.	2.0
O&C	RICHMOND AVE Rt.	2.0
O&C	CHAMPAIGN AVE Lt.	2.0
O&C	CHAMPAIGN AVE Rt.	2.0
O&C	SHELBY AVE Lt.	2.0
O&C	SHELBY AVE Rt.	2.0
O&C	MOULTRIE AVE Lt	2.0
O&C	MOULTRIE AVE Rt	2.0

***F.A.U. 7672 / CHARLESTON AVENUE***

<u>Type</u>	<u>Location</u>	<u>Taper Length</u>
O&C	25 <sup>TH</sup> STREET Rt.	2.0
PCC	LAFAYETTE AVE Rt.,	2.0
O&C	24 <sup>TH</sup> STREET Rt	2.0
O&C	23 <sup>RD</sup> STREET Rt	2.0
O&C	22 <sup>ND</sup> STREET Rt	2.0

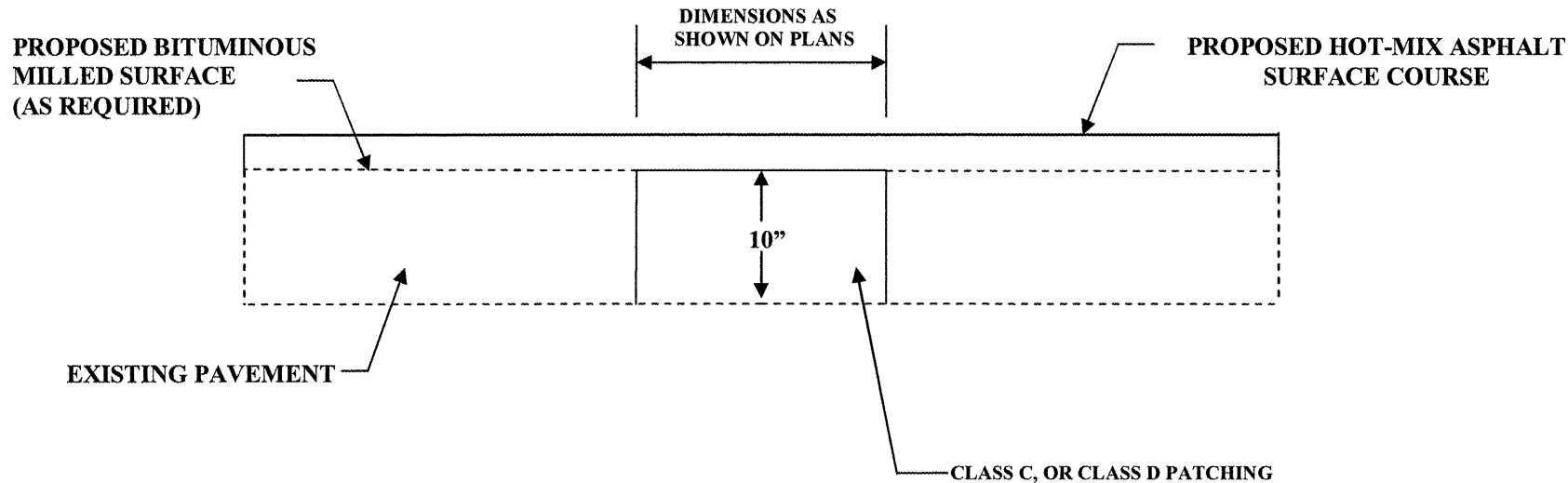
LEFT AND RIGHT LANES



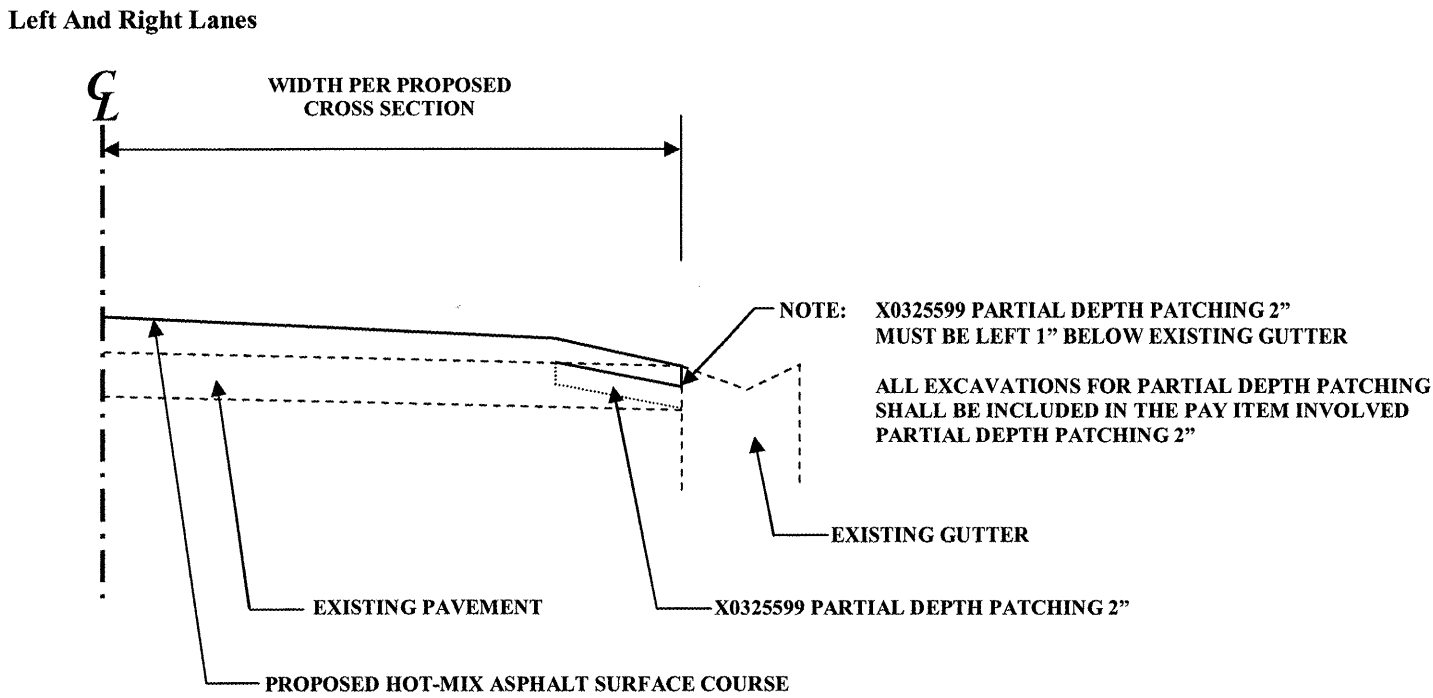
ALL SIDE ROADS HAVE TYPICAL 10' RADIUS

# PAVEMENT PATCHING DETAIL

**CITY OF MATTOON**  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 F.A.U. 7707 00+00 ~ 18+86.5  
 F.A.U. 7684 100+00 ~ 121+67  
 F.A.U. 7685 200+00 ~ 218+77  
 F.A.U. 7687 300+00 ~ 336+51  
 F.A.U. 7672 336+51 ~ 360+01  
 F.A.U. 7678 400+00 ~ 411+90  
 F.A.U. 7699 500+00 ~ 506+05.5  
 COLES COUNTY  
 SHEET 6 OF 54



## *PARTIAL DEPTH PATCHING 2\"*



JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

**STONE DRIVEWAY REMOVAL, & VARIABLE EDGE**  
**DETAILS FOR P.E. & C.E.**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 F.A.U. 7707 00+00 ~ 18+86.5  
 COLES COUNTY  
 SHEET 7 OF 54

**XX004847 STONE DRIVEWAY REMOVAL**

**LOCATIONS:**

*F.A.U. 7707 / PARK STREET*

<u>Type</u>	<u>Location</u>
AGGREGATE	C.E. 11+64 Rt.
AGGREGATE	P.E. 11+95 Rt.
AGGREGATE	P.E. 13+03 Rt.
AGGREGATE	P.E. 13+38 Rt.
AGGREGATE	P.E. 14+24 Rt.
AGGREGATE	P.E. 15+48 Lt.

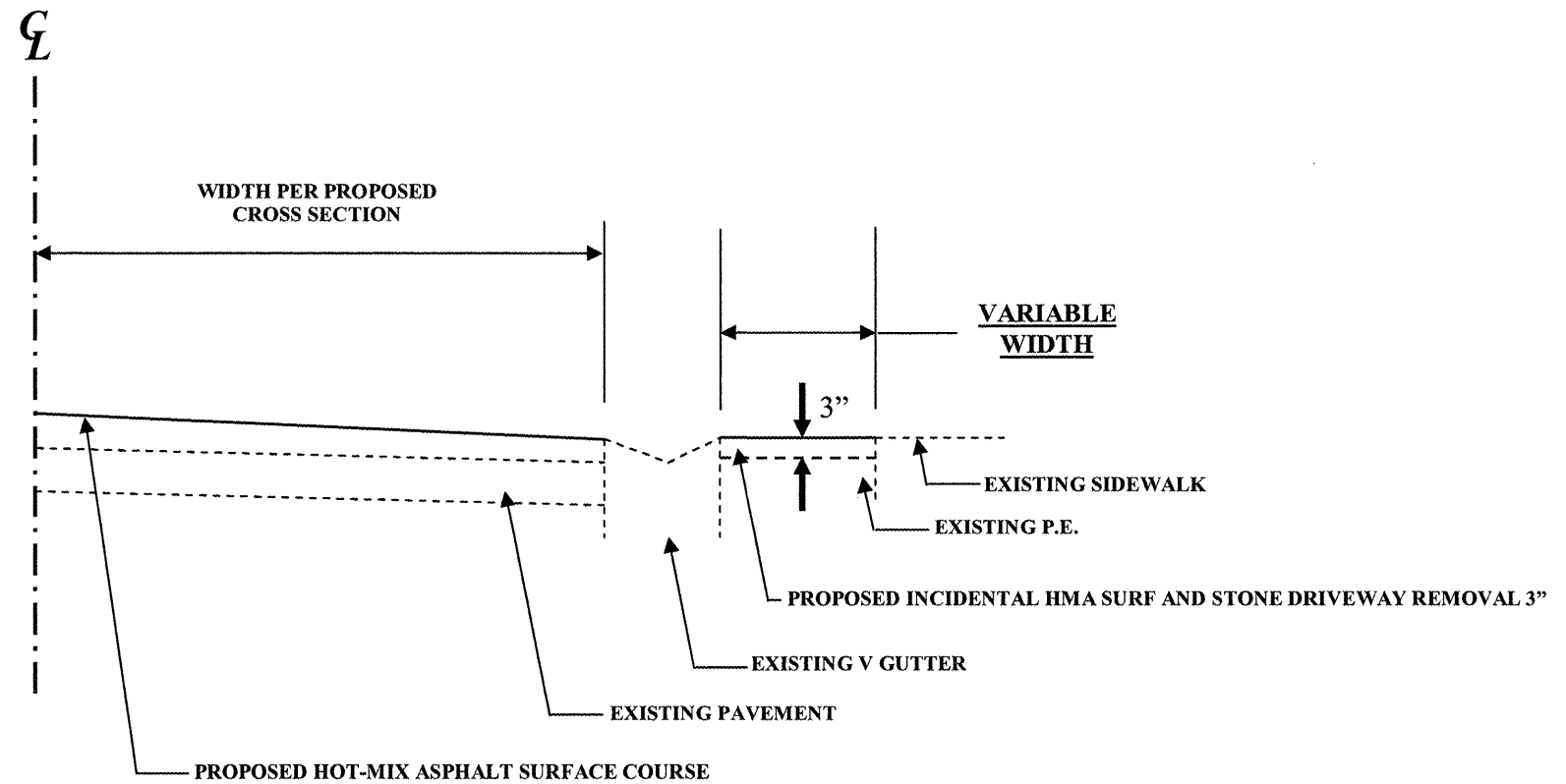
**40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING**

**LOCATIONS:**

*F.A.U. 7707 / PARK STREET*

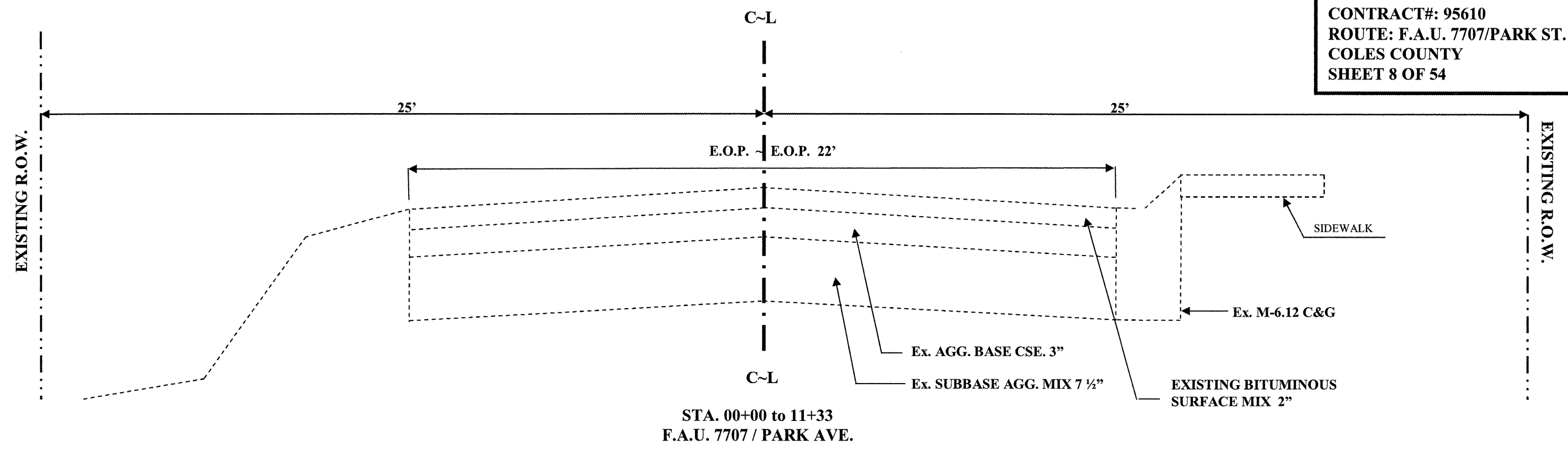
<u>Type</u>	<u>Location</u>
AGGREGATE	C.E. 11+64 Rt.
AGGREGATE	P.E. 11+95 Rt.
AGGREGATE	P.E. 13+03 Rt.
AGGREGATE	P.E. 13+38 Rt.
AGGREGATE	P.E. 14+24 Rt.
BITUMINOUS	P.E. 15+41 Lt.
AGGREGATE	P.E. 15+48 Rt.
BITUMINOUS	P.E. 16+50 Rt.

Left And Right Lanes

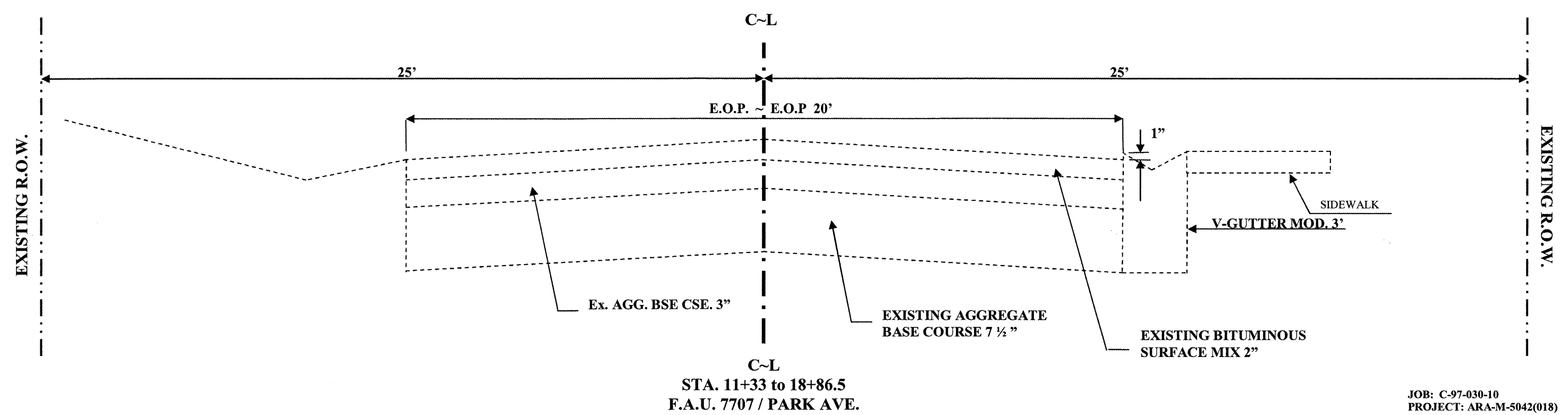


***EXISTING TYPICAL CROSS SECTIONS***

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 ROUTE: F.A.U. 7707/PARK ST.  
 COLES COUNTY  
 SHEET 8 OF 54



***EXISTING TYPICAL CROSS SECTIONS***

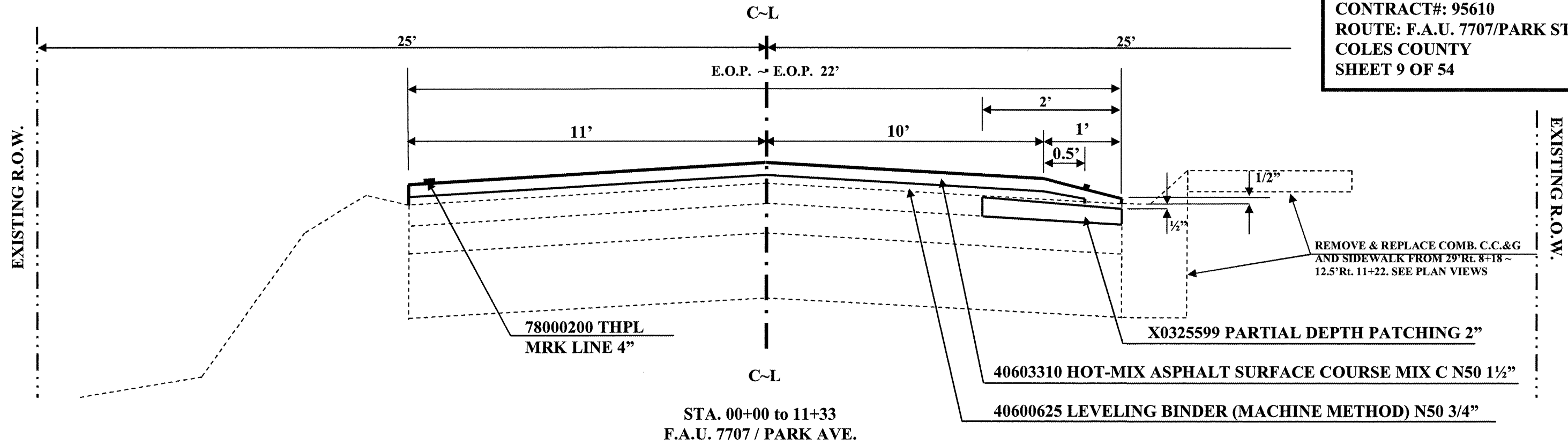


JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

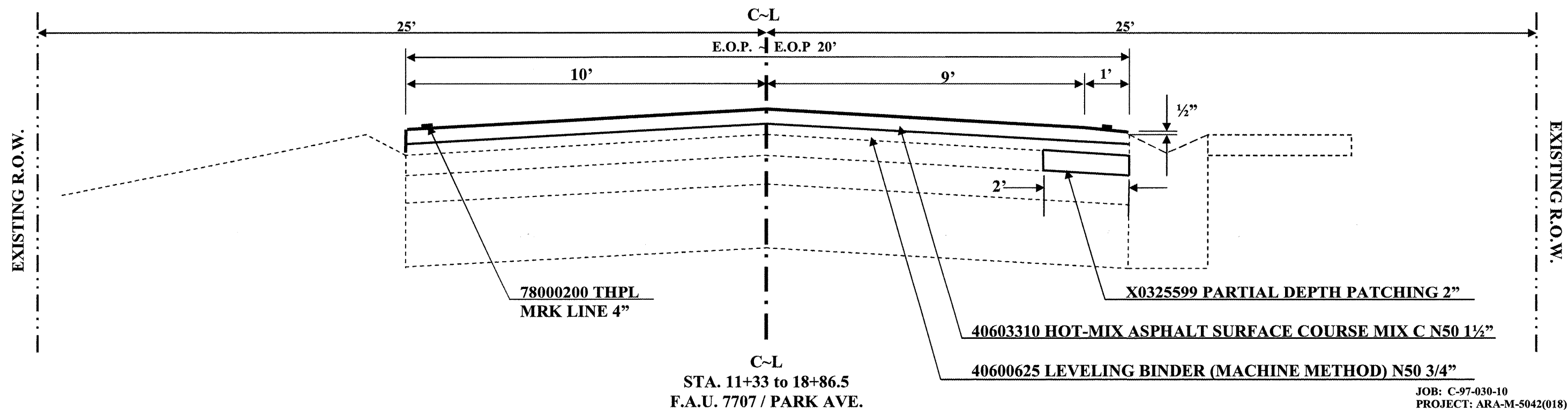


**PROPOSED TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 ROUTE: F.A.U. 7707/PARK ST.  
 COLES COUNTY  
 SHEET 9 OF 54



**PROPOSED TYPICAL CROSS SECTIONS**



JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

# SCHEDULE OF QUANTITIES

## F.A.U. 7707 /PARK STREET

**CITY OF MATTOON**

SECTION 09-00182-00-RS

ROUTE: F.A.U. 7707

PARK STREET

JOB#: C-97-030-10

PROJ#: ARA-M-5042(018)

CONTRACT#: 95610

COLES COUNTY

SHEET 10 OF 54

**X0325599 PARTIAL DEPTH PATCHING 2"**

9'~11'Rt., 1+72 ~ 2+44	= 2 TON
6'~11'Rt., 2+44 ~ 3+61	= 8 TON
9'~11'Rt., 3+61 ~ 6+87	= 8 TON
4'~11'Rt., 6+87 ~ 7+00	= 2 TON
4'~11' Rt., 7+00 ~ 7+08	= 1 TON
9'~11'Rt., 7+08 to 29'Rt., 7+89 ~ 7+91	= 3 TON
29'Rt., 8+14-8+16 to 9'~11'Rt., 11+10	= 8 TON
8'~10' Rt., 17+72 ~ 18+50	= 2 TON
4'~10'Lt., 17+93 ~ 18+11	= 2 TON
<b>TOTAL</b>	<b>= 36 TON</b>

**XX004847 STONE DRIVE REMOVAL**

C.E. 11+64 Rt.	= 16.0 SQ. YDS.
P.E. 11+95 Rt.	= 26.7 SQ. YDS.
P.E. 13+03 Rt.	= 22.2 SQ. YDS.
P.E. 13+38 Rt.	= 24.0 SQ. YDS.
P.E. 14+24 Rt.	= 25.8 SQ. YDS.
P.E. 15+41 Lt.	= 16.0 SQ. YDS.
<b>TOTAL</b>	<b>= 130.7 SQ. YDS.</b>

**40600100 BITUMINOUS MATERIALS (PRIME COAT)**

Lt. ~ Rt., 0+00 ~ 18+86.5	= 223 GALLON
<b>TOTAL</b>	<b>= 223 GALLON</b>

**40600625 LEVELING BINDER (MACHINE METHOD), N50**

11'~19'Rt. 0+30 ~ 11'~13'Rt. 0+54	= 1 TON
11'Lt.~10.5'Rt., 0+30~11+21	= 108 TON
10'Lt.~Rt., 11+38~18+56.5	= 66 TON
<b>TOTAL</b>	<b>= 175 TON</b>

**40600982 HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT**

37'Lt~59'Rt.,0+00~14'Lt.~19'Rt.,0+30	= 153.0 SQ. YDS.
11'Lt.~Rt., 11+13~11+27	= 34.2 SQ. YDS.
10'Lt.~Rt., 11+38~11+61	= 51.1 SQ. YDS.
11'~34'Rt., 7+73~8+57	= 30.0 SQ. YDS.
11'~37'Lt., 10+26~10+85	= 29.0 SQ. YDS.
10'Lt.~Rt., 18+56.5~37'Lt.~42'Rt., 18+86.5	= 168.6 SQ. YDS.
<b>TOTAL</b>	<b>= 465.9 SQ. YDS.</b>

**40603310 HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50**

11'~37'Lt., 0+00~11'~13'Lt., 0+32	= 3 TON
11'~59'Rt., 0+00~11'~13'Rt.,0+54	= 7 TON
11'~13'Rt. P.E. 2+81	= 2 TON
11'~13'Rt.,7+73~8+57	= 7 TON
P.E. 11'~13'Lt.,8+99~9+19	= 1 TON
P.E. 11'~13'Lt.,9+94~10+26	= 1 TON
11'~37'Lt., 10+26~10+85	= 8 TON
P.E. 10'~12'Rt.,17+52~17+72	= 1 TON
10'Lt., 18+50~37'Lt., 18+86.5	= 4 TON
10'Rt., 18+50~42'Rt., 18+86.5	= 4 TON
10' Lt.~Rt., 0+00~11+27	= 207 TON
10' Lt.~Rt., 11+38~18+86.5	= 151 TON
<b>TOTAL</b>	<b>= 396 TON</b>

**40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING**

C.E. 11+64 Rt.	= 3 TON
P.E. 11+95 Rt.	= 4 TON
P.E. 13+03 Rt.	= 4 TON
P.E. 13+38 Rt.	= 4 TON
P.E. 14+24 Rt.	= 4 TON
P.E. 15+41 Lt.	= 6 TON
P.E. 15+48 Rt.	= 4 TON
P.E. 16+50 Rt.	= 4 TON
<b>TOTAL</b>	<b>= 33 TON</b>

**42400410 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH**

29'Rt., 8+18~12.5'Rt., 11+22	= 1,268.0 SQ. FT.
<b>TOTAL</b>	<b>= 1,268.0 SQ. FT.</b>

**44000500 COMB. CONCRETE CURB AND GUTTER REMOVAL**

29'Rt., 8+16~11'Rt., 11+23	= 317.0 FOOT
<b>TOTAL</b>	<b>= 317.0 FOOT</b>

**44000600 SIDEWALK REMOVAL**

29'Rt., 8+18~12.5'Rt., 11+22	= 951.0 SQ. FT.
<b>TOTAL</b>	<b>= 951.0 SQ. FT.</b>

**60300105 FRAMES AND GRATES TO BE ADJUSTED**

12'Rt., 8+57	= 1.0 EACH
<b>TOTAL</b>	<b>= 1.0 EACH</b>

**60300350 MANHOLE FRAMES TO BE ADJUSTED**

2' Rt., 0+13	= 1.0 EACH
23' Rt., 0+16	= 1.0 EACH
C~L, 1+30	= 1.0 EACH
11' Lt., 6+48	= 1.0 EACH
14' Rt., 8+02	= 1.0 EACH
14' Rt., 10+69	= 1.0 EACH
6'Lt., 11+03	= 1.0 EACH
3' Lt., 18+60	= 1.0 EACH
<b>TOTAL</b>	<b>= 8.0 EACH</b>

**60609200 COMB. CONCRETE CURB AND GUTTER TYPE M-6.12**

29'Rt., 8+16~11'Rt., 11+23	= 317.0 FOOT
<b>TOTAL</b>	<b>= 317.0 FOOT</b>

**78000100 THPL PAVEMENT MARKING - LETTERS & SYMBOLS**

RR CROSSING SYMBOLS 11+32.5	= 122.4 SQ. FT.
<b>TOTAL</b>	<b>= 122.4 SQ. FT.</b>

**78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"**

WHITE 10'Lt., 0+12~9.5'Lt., 18+43	= 1,831 FOOT
YELLOW CL 0+12~18+38	= 450 FOOT
<b>TOTAL</b>	<b>= 2,281 FOOT</b>

**78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"**

17'Rt., 7+80~8+24	= 44 FOOT
23'Rt., 7+80~8+24	= 44 FOOT
10'Lt.~Rt., 18+45	= 20 FOOT
10'Lt.~Rt., 18+51	= 20 FOOT
<b>TOTAL</b>	<b>= 128 FOOT</b>

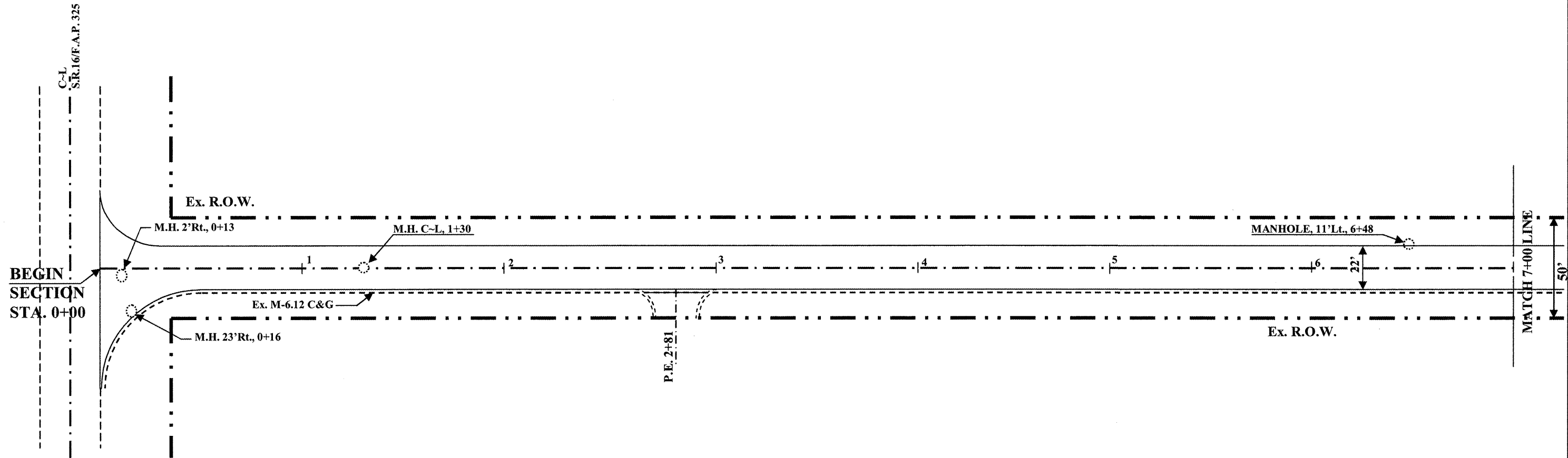
**78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"**

CL~18'Lt., 0+10	= 18 FOOT
28'Rt., 8+04 ~ 8+16	= 12 FOOT
CL~11'Rt., 10+37	= 11 FOOT
34'Lt., 10+40 ~ 10+54	= 14 FOOT
CL~11'Rt., 10+87	= 11 FOOT
CL~11'Rt., 11+07	= 11 FOOT
CL~10'Lt., 11+58	= 10 FOOT
CL~10'Lt., 11+78	= 10 FOOT
CL~10'Lt., 12+28	= 10 FOOT
CL~11'Rt., 18+40	= 10 FOOT
<b>TOTAL</b>	<b>= 117 FOOT</b>

# PLAN VIEW

## PARK STREET

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT: 95610  
ROUTE: F.A.U.7707/PARK St.  
COLES COUNTY  
SHEET 11 OF 54



<u>X032599 PARTIAL DEPTH PATCHING 2"</u>	
9'~11'Rt., 1+72 ~ 2+44	= 2 TON
6'~11'Rt., 2+44 ~ 3+61	= 8 TON
9'~11'Rt., 3+61 ~ 6+87	= 8 TON
4'~11'Rt., 6+87 ~ 7+00	= 2 TON
<b>TOTAL</b>	<b>= 20 TON</b>

<u>40600625 LEVELING BINDER MM, N50</u>	
11'~19'Rt., 0+30 ~ 11'~13'Rt., 0+54	= 1 TON
<b>TOTAL</b>	<b>= 1 TON</b>

<u>40600982 HMA SURF REM BUTT JT (1-1/2")</u>	
37'Lt.~59'Rt., 0+00 ~ 14'Lt., ~19'Rt., 0+30	= 153 SQ. YDS.
<b>TOTAL</b>	<b>= 153 SQ. YDS.</b>

<u>40603310 HMA SC C N50</u>	
11'~37'Lt., 0+00 ~ 11'~13'Lt., 0+32	= 3 TON
11'~59'Rt., 0+00 ~ 11'~13'Rt., 0+54	= 7 TON
11'~13'Rt., P.E. 2+81	= 2 TON
11' ~ 13' Rt., ALLEY 1+13	= 1 TON
<b>TOTAL</b>	<b>= 13 TON</b>

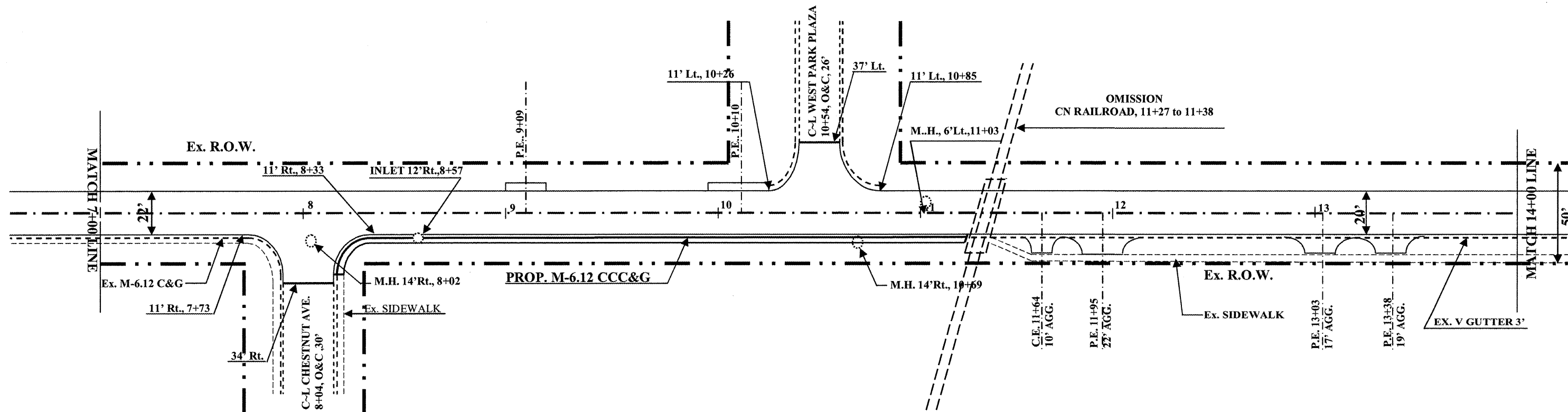
<u>60300350 MAN FRAMES ADJUST</u>	
2' Rt., 0+13	= 1 EACH
23' Rt., 0+16	= 1 EACH
C~L, 1+30	= 1 EACH
11' Lt., 6+48	= 1 EACH
<b>TOTAL</b>	<b>= 4 EACH</b>

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

## PARK STREET

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U.7707/PARK St.  
COLES COUNTY  
SHEET 12 OF 54



<u>X0325599 PARTIAL DEPTH PATCHING 2"</u>	
4'~11' Rt., 7+00 ~ 7+08	= 1 TON
9'~11'Rt., 7+08 to 29'Rt., 7+89 ~ 7+91	= 3 TON
29'Rt., 8+14~8+16 to 9'~11'Rt., 11+10	= 8 TON
<b>TOTAL</b>	<b>= 12 TON</b>

<u>XX004847 STONE DRIVE REMOVAL</u>	
C.E. 11+64 Rt.	= 16.0 SQ. YDS.
P.E. 11+95 Rt.	= 26.7 SQ. YDS.
P.E. 13+03 Rt.	= 22.2 SQ. YDS.
P.E. 13+38 Rt.	= 24.0 SQ. YDS.
<b>TOTAL</b>	<b>= 88.9 SQ. YDS.</b>

<u>40600982 HMA SURF REM BUTT JT</u>	
11' - 34' Rt., 7+73 ~ 8+57 (1 1/2)	= 30.0 SQ. YDS.
11' - 37' Lt., 10+26 ~ 10+85 (1 1/2)	= 29.0 SQ. YDS.
11'Lt. ~ Rt., 11+13 ~ 11+27 (2 1/4)	= 34.2 SQ. YDS.
10'Lt ~ Rt., 11+38 ~ 11+61 (2 1/4)	= 51.1 SQ. YDS.
<b>TOTAL</b>	<b>= 144.3 SQ. YDS.</b>

<u>40603310 HMA SC C N50</u>	
11'~34'Rt., 7+73 ~ 8+57	= 7 TON
P.E. 11'~13'Lt., 8+99 ~ 9+19	= 1 TON
P.E. 11'~13'Lt., 9+94 ~ 10+26	= 1 TON
11'~37'Lt., 10+26 ~ 10+85	= 8 TON
<b>TOTAL</b>	<b>= 17 TON</b>

<u>40800050 INCIDENTAL HMA SURF</u>	
C.E. 11+64 Rt.	= 3.0 TON
P.E. 11+95 Rt.	= 4.0 TON
P.E. 13+03 Rt.	= 4.0 TON
P.E. 13+38 Rt.	= 4.0 TON
<b>TOTAL</b>	<b>= 15.0 TON</b>

<u>42400410 PC CONC SIDEWALK 8"</u>	
29'Rt. 8+18 ~ 12.5'Rt. 11+22	= 1,268 SQ. FT.
<b>TOTAL</b>	<b>= 1,268 SQ. FT.</b>

<u>44000500 COMB CURB GUTTER REM</u>	
29'Rt., 8+16 ~ 11'Rt., 11+23	= 317 FOOT
<b>TOTAL</b>	<b>= 317 FOOT</b>

<u>44000600 SIDEWALK REMOVAL</u>	
29'Rt. 8+18 ~ 12.5'Rt. 11+22	= 951 SQ. FT.
<b>TOTAL</b>	<b>= 951 SQ. FT.</b>

<u>60300105 FR &amp; GRATES ADJUST</u>	
12'Rt., 8+57	= 1.0 EACH
<b>TOTAL</b>	<b>= 1.0 EACH</b>

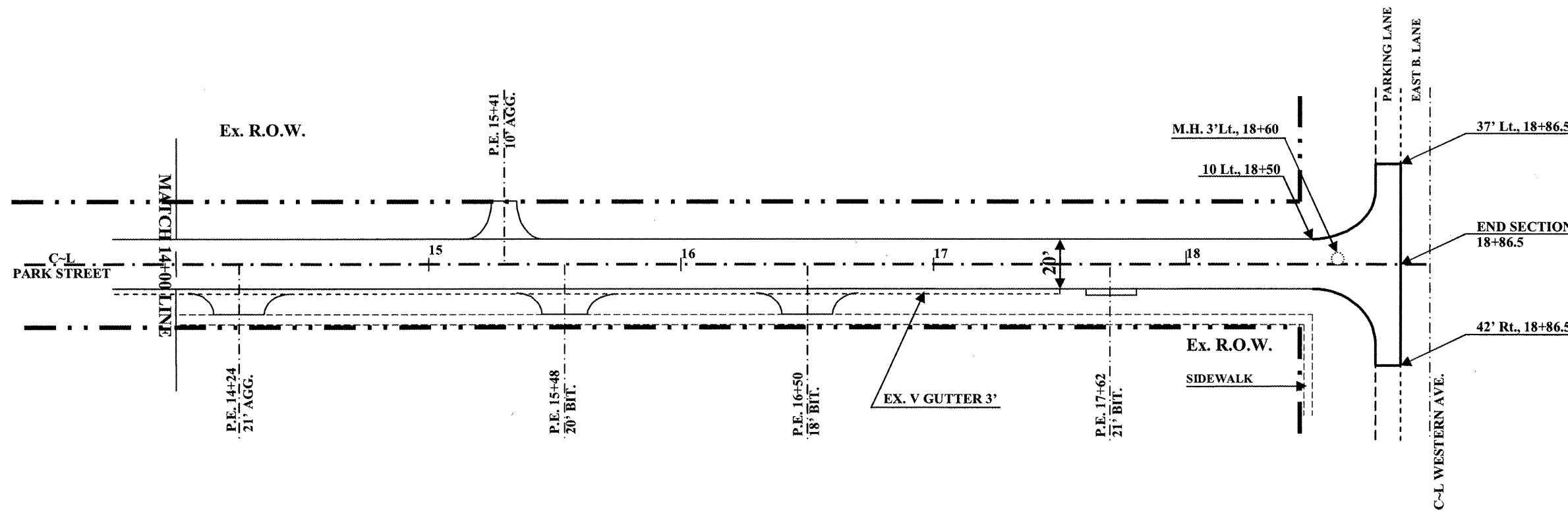
<u>60300350 MAN FRAMES ADJUST</u>	
14' Rt., 8+02	= 1.0 EACH
14' Rt., 10+69	= 1.0 EACH
6'Lt., 11+03	= 1.0 EACH
<b>TOTAL</b>	<b>= 3.0 EACH</b>

<u>60609200 COMB CC&amp;G TM-6.12</u>	
29'Rt. 8+16 ~ 11'Rt. 11+23	= 317 FOOT
<b>TOTAL</b>	<b>= 317 FOOT</b>

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**PARK STREET**  
 CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 ROUTE: F.A.U.7707/PARK St.  
 COLES COUNTY  
 SHEET 13 OF 54



**X0325599 PARTIAL DEPTH PATCHING 2"**  
 8'-10' Rt., 17+72 ~ 18+50 = 2 TON  
 4'-10' Lt., 17+93 ~ 18+11 = 2 TON  
**TOTAL = 4 TON**

**XX004847 STONE DRIVE REMOVAL**  
 P.E. 14+24 Rt. = 25.8 SQ. YDS.  
 P.E. 15+41 Lt. = 16.0 SQ. YDS.  
**TOTAL = 41.8 SQ. YDS.**

**40600982 HMA SURF REM BUTT JT (1-1/2")**  
 10' Lt. ~ Rt., 18+56.5 ~ 37' Lt. ~ 42' Rt. 18+86.5 = 168.6 SQ. YDS.  
**TOTAL = 168.6 SQ. YDS.**

**40603310 HMA SC C N50**  
 P.E. 10' ~ 12' Rt., 17+52 ~ 17+72 = 1 TON  
 10' Lt., 18+50 to 37' Lt., 18+86.5 = 4 TON  
 10' Rt., 18+50 to 42' Rt., 18+86.5 = 4 TON  
**TOTAL = 9 TON**

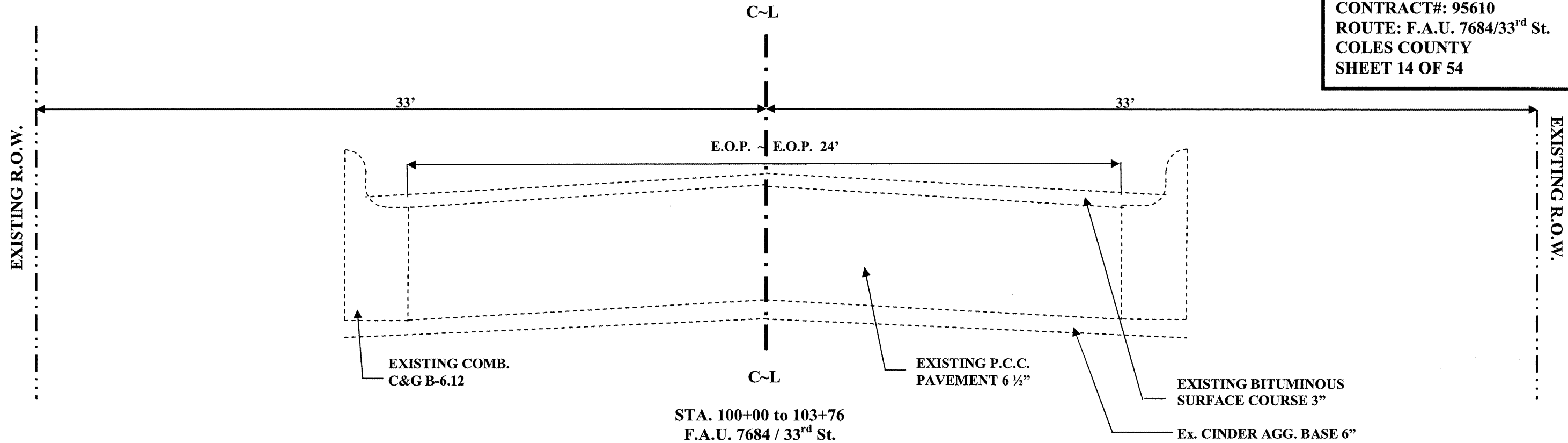
**40800050 INCIDENTAL HMA SURF**  
 P.E. 14+24 Rt. = 4 TON  
 P.E. 15+41 Lt. = 6 TON  
 P.E. 15+48 Rt. = 4 TON  
 P.E. 16+50 Rt. = 4 TON  
**TOTAL = 18 TON**

**60300350 MAN FRAMES ADJUST**  
 3' Lt., 18+60 = 1 EACH  
**TOTAL = 1 EACH**

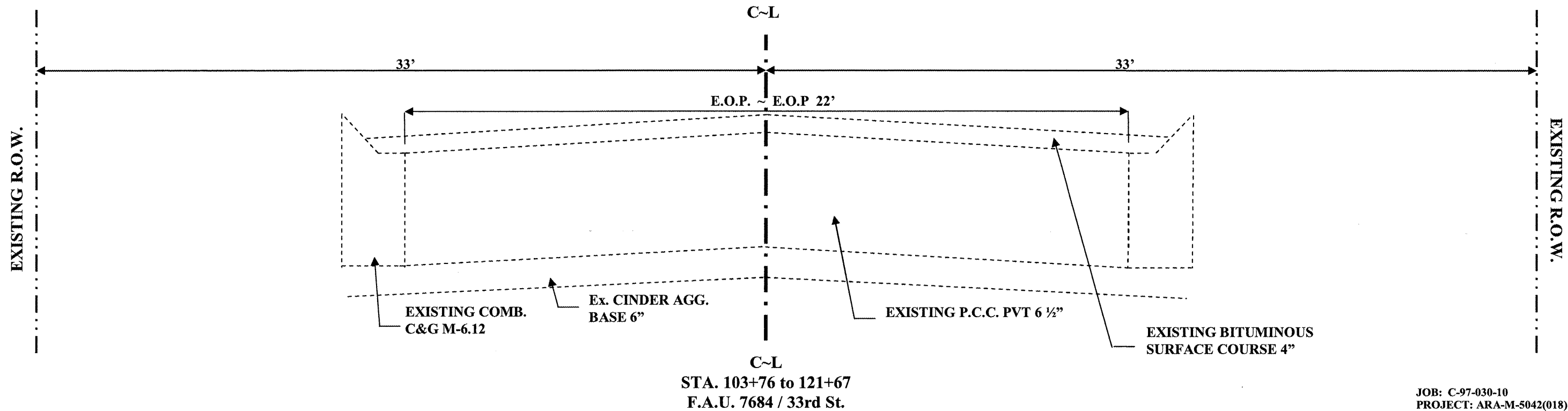
JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)  
 SCALE: 1" = 50'

**EXISTING TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U. 7684/33<sup>rd</sup> St.  
COLES COUNTY  
SHEET 14 OF 54



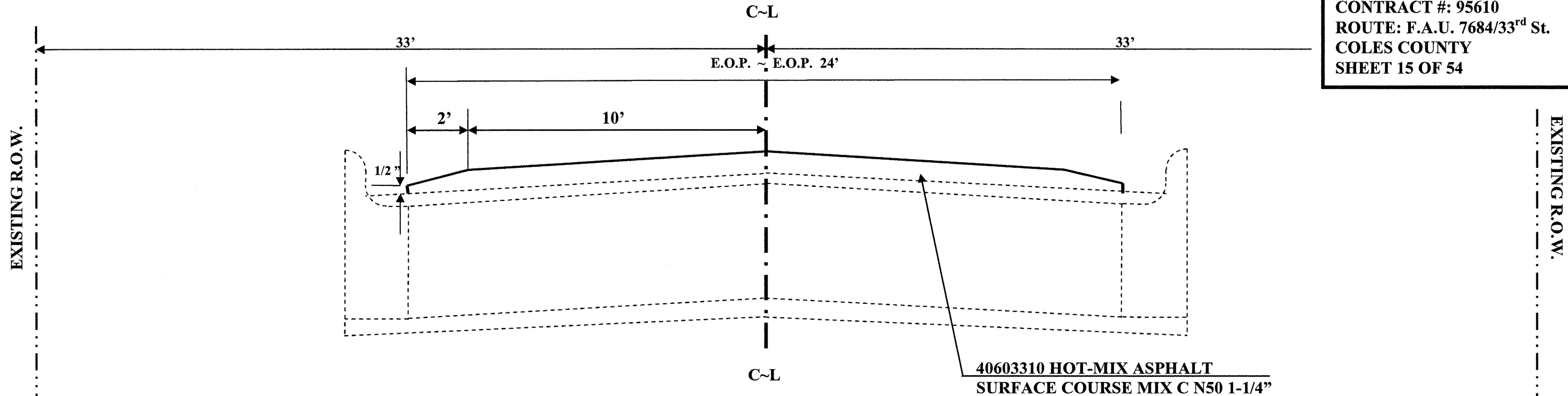
**EXISTING TYPICAL CROSS SECTIONS**



JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)

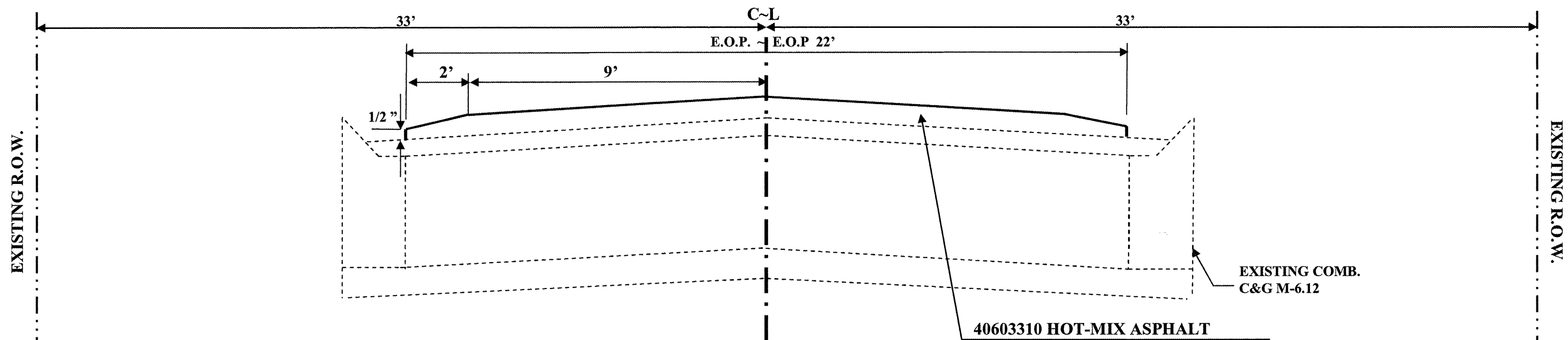
**PROPOSED TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT #: 95610  
 ROUTE: F.A.U. 7684/33<sup>rd</sup> St.  
 COLES COUNTY  
 SHEET 15 OF 54



STA. 100+00 to 103+76  
 F.A.U. 7684 / 33<sup>rd</sup> St.

**PROPOSED TYPICAL CROSS SECTIONS**



STA. 103+76 to 121+67  
 F.A.U. 7684 / 33<sup>rd</sup> St.

EXISTING COMB.  
 C&G M-6.12

JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

# SCHEDULE OF QUANTITIES

## F.A.U. 7684 /33<sup>RD</sup> STREET

**CITY OF MATTOON**

SECTION 09-00182-00-RS

ROUTE: F.A.U. 7684

33<sup>RD</sup> STREET

JOB#: C-97-030-10

PROJ#: ARA-M-5042(018)

CONTRACT#: 95610

COLES COUNTY

SHEET 16 OF 54

40600100 BITUMINOUS MATERIALS (PRIME COAT)

Lt. ~ Rt., 100+00~121+67 = 278 GALLON  
 TOTAL = 278 GALLON

40600982 HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT

35' Lt. - 57' Rt., 100+00 ~ 12' Lt. - Rt., 100+19 = 119.6 SQ. YDS.  
 11' Lt. - Rt., 121+42 ~ 121+67 = 61.1 SQ. YDS.  
 TOTAL = 180.7 SQ. YDS.

40603310 HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50

12'~35'Lt. 100+00~12'Lt.100+29 = 2 TON  
 12'~57'Rt. 100+00~12'Rt.100+37 = 3 TON  
 12'~14'Lt. 103+53~11'~13'Lt.104+00 = 1 TON  
 12'~14'Rt. 103+53~11'~13'Rt.104+08 = 1 TON  
 12'Lt.~Rt., 100+00~104+00 = 74 TON  
 11'Lt.~Rt., 104+00~121+67 = 297 TON  
 11'~13'Lt., 107+28~107+78 = 1 TON  
 11'~13'Rt., 107+28~107+90 = 1 TON  
 11'~13'Rt., 111+02~111+65 = 1 TON  
 11'~13'Lt., 111+14~111+58 = 1 TON  
 11'~13'Lt., 114+90~115+39 = 1 TON  
 11'~13'Rt., 114+90~115+46 = 1 TON  
 11'~13'Rt., 118+66~118+76 = 1 TON  
 11'~13'Lt., 118+76~119+16 = 1 TON  
 TOTAL = 386 TON

44201765 CLASS D PATCHES, TYPE 2, 10 INCH

CL~12'Lt. 117+62~117+30 = 5.3 SQ. YDS.  
 TOTAL = 5.3 SQ. YDS.

60300310 FRAMES AND LIDS TO BE ADJUSTED SPECIAL

10'Lt., 107+30 = 1.0 EACH  
 TOTAL = 1.0 EACH

60300350 MANHOLE FRAMES TO BE ADJUSTED

7' Rt., 103+98 = 1.0 EACH  
 12' Rt., 107+47 = 1.0 EACH  
 8' Rt., 107+95 = 1.0 EACH  
 7' Lt., 111+04 = 1.0 EACH  
 6' Rt., 111+16 = 1.0 EACH  
 4' Lt., 111+37 = 1.0 EACH  
 7' Rt., 113+26 = 1.0 EACH  
 7' Rt., 115+15 = 1.0 EACH  
 8' Rt., 118+78 = 1.0 EACH  
 14' Rt., 118+95 = 1.0 EACH  
 TOTAL = 10.0 EACH

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

YELLOW CL. 100+32~121+67 = 530 FOOT  
 TOTAL = 530 FOOT

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

13'Lt.~Rt.,100+24 = 26 FOOT  
 12'Lt.~Rt., 100+30 = 24 FOOT  
 TOTAL = 50 FOOT

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

CL~12'Lt., 100+35 = 12 FOOT  
 TOTAL = 12 FOOT



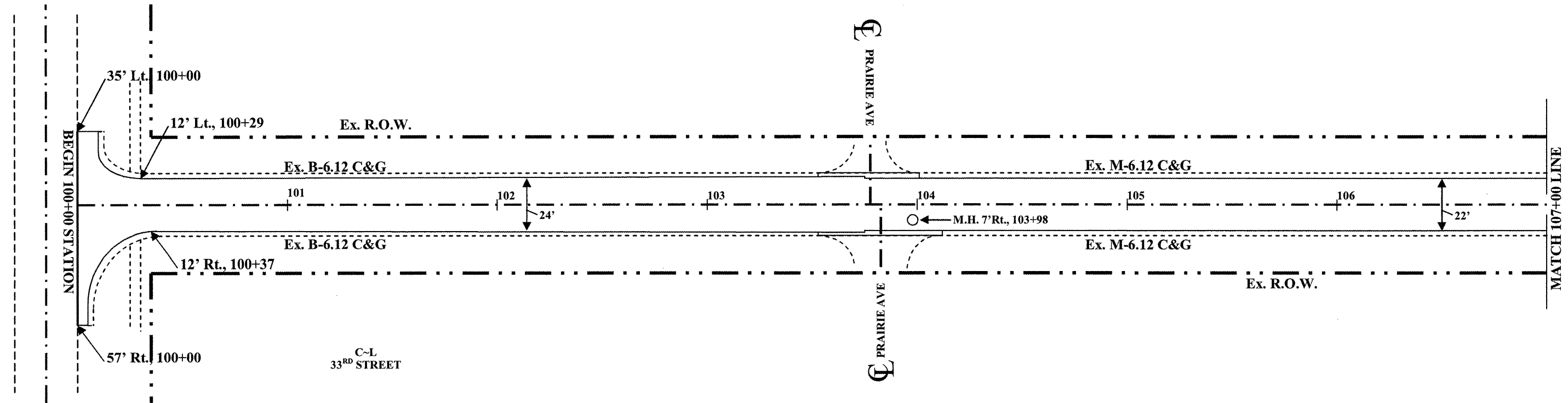
# PLAN VIEW

**33<sup>RD</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT: 95610  
ROUTE: 7684 / 33<sup>RD</sup> ST.  
COLES COUNTY  
SHEET 17 OF 54



C-L  
WESTERN AVE.



<u>40600982 HMA SURF REM BUTT JT (1-1/4")</u>	
35' Lt. - 57' Rt., 100+00 ~ 12' Lt. - Rt., 100+19	= 119.6 SQ. YDS.
TOTAL	= 119.6 SQ. YDS.

<u>40603310 HMA SC C N50</u>	
12' - 35' Lt., 100+00 ~ 12' Lt., 100+29	= 2 TON
12' - 57' Rt., 100+00 ~ 12' Rt., 100+37	= 3 TON
12' - 14' Lt., 103+53 ~ 11' - 13' Lt., 104+00	= 1 TON
12' - 14' Rt., 103+53 ~ 11' - 13' Rt., 104+08	= 1 TON
TOTAL	= 7 TON

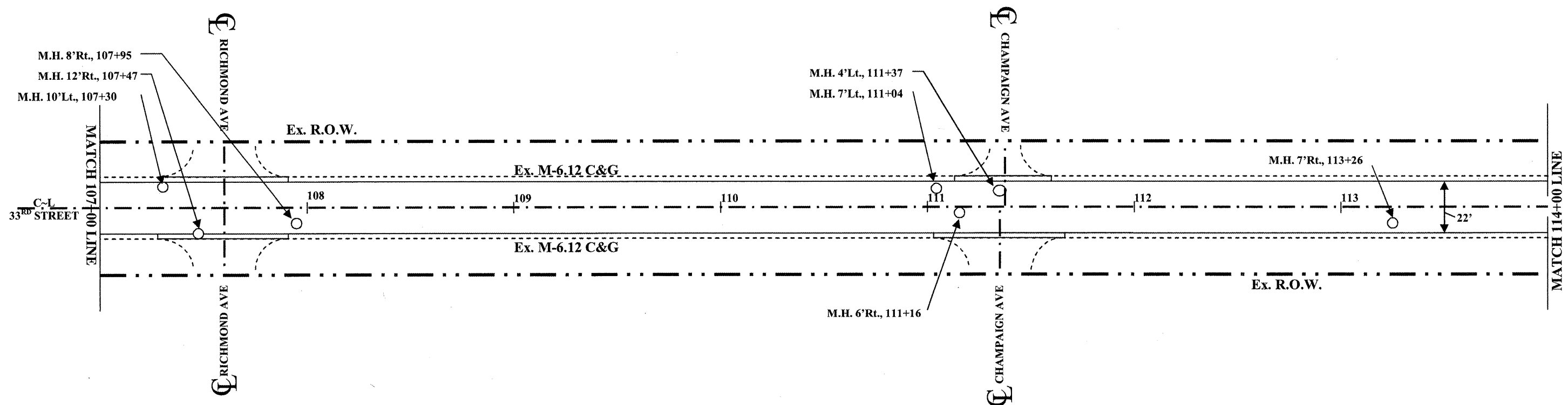
<u>60300350 MAN FRAMES ADJUST</u>	
7' Rt., 103+98	= 1 EACH
TOTAL	= 1 EACH

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**33<sup>RD</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT: 95610  
ROUTE: 7684 / 33<sup>RD</sup> ST.  
COLES COUNTY  
SHEET 18 OF 54



<b>40603310 HMA SC C N50</b>	
11' - 13' Lt., 107+28 ~ 107+78	= 1 TON
11' - 13' Rt., 107+28 ~ 107+90	= 1 TON
11' - 13' Rt., 111+02 ~ 111+65	= 1 TON
11' - 13' Lt., 111+14 ~ 111+58	= 1 TON
<b>TOTAL</b>	<b>= 4 TON</b>

<b>60300310 FR &amp; LIDS ADJUST SPL</b>	
10' Lt., 107+30	= 1 EACH
<b>TOTAL</b>	<b>= 1 EACH</b>

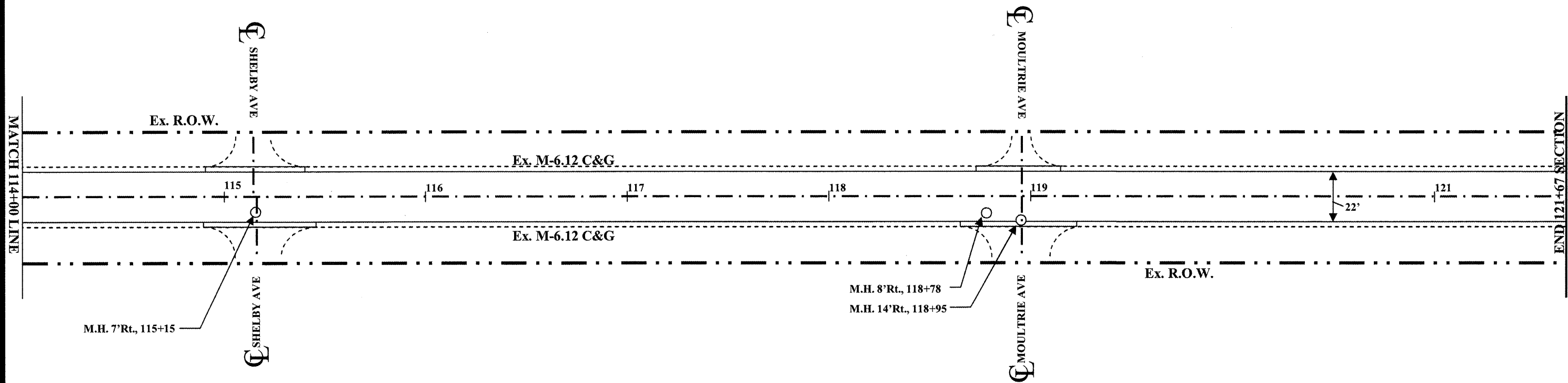
<b>60300350 MAN FRAMES ADJUST</b>	
12' Rt., 107+47	= 1 EACH
8' Rt., 107+95	= 1 EACH
7' Lt., 111+04	= 1 EACH
6' Rt., 111+16	= 1 EACH
4' Lt., 111+37	= 1 EACH
7' Rt., 113+26	= 1 EACH
<b>TOTAL</b>	<b>= 6 EACH</b>

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**33<sup>RD</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: 7684 / 33<sup>RD</sup> ST.  
COLES COUNTY  
SHEET 19 OF 54



C-L  
33<sup>RD</sup> STREET

<u>40600982 HMA SURF REM BUTT JT (1-1/4")</u>	
11' Lt. - Rt., 121+42 ~ 121+67	= 61.1 SQ. YDS.
TOTAL	= 61.1 SQ. YDS.

<u>40603310 HMA SC C N50</u>	
11' - 13' Lt., 114+90 ~ 115+39	= 1 TON
11' - 13' Rt., 114+90 ~ 115+46	= 1 TON
11' - 13' Rt., 118+66 ~ 118+76	= 1 TON
11' - 13' Lt., 118+76 ~ 119+16	= 1 TON
TOTAL	= 4 TON

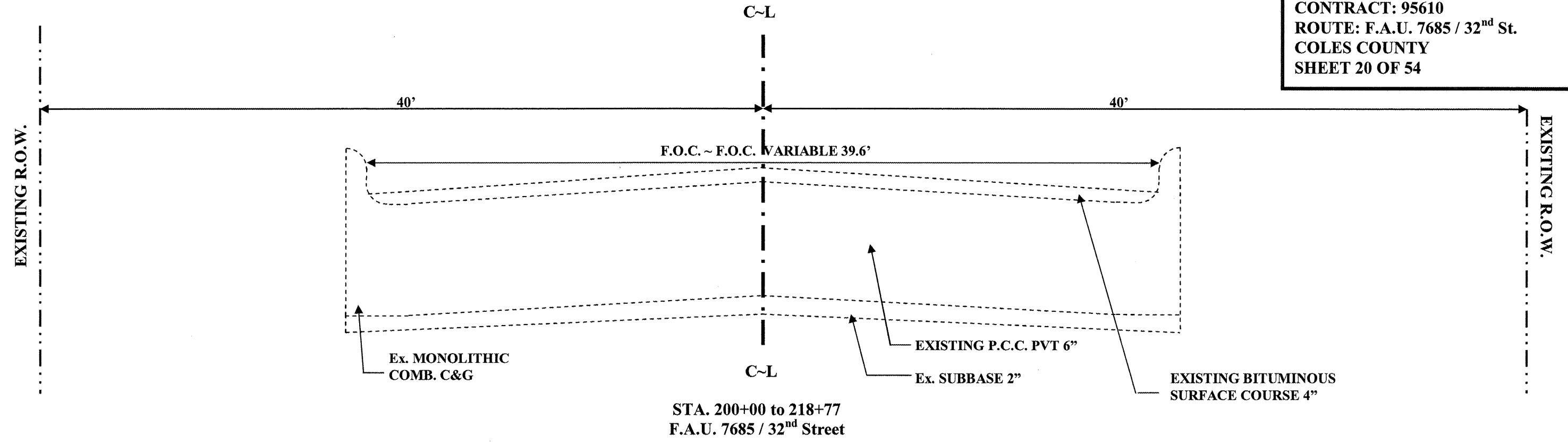
<u>44201762 CLASS D PATCHES, TYPE 2, 10 INCH</u>	
C-L - 12' Lt., 117+26 ~ 117+30	= 5.3 SQ. YDS.
TOTAL	= 5.3 SQ. YDS.

<u>60300350 MAN FRAMES ADJUST</u>	
7' Rt., 115+15	= 1 EACH
8' Rt., 118+78	= 1 EACH
14' Rt., 118+95	= 1 EACH
TOTAL	= 3 EACH

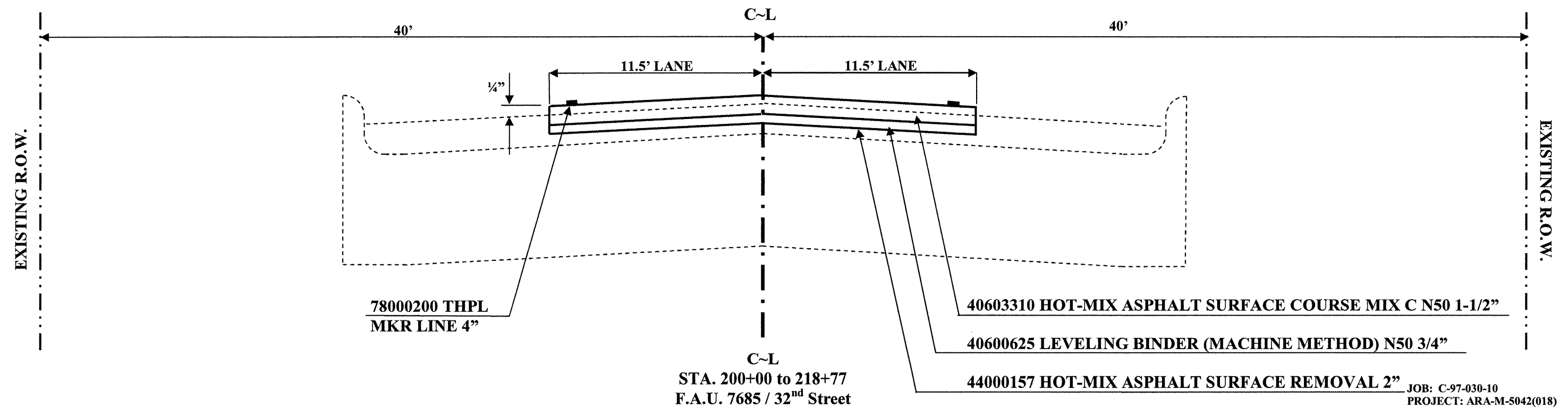
JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

**EXISTING TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT: 95610  
 ROUTE: F.A.U. 7685 / 32<sup>nd</sup> St.  
 COLES COUNTY  
 SHEET 20 OF 54



**PROPOSED TYPICAL CROSS SECTIONS**



# SCHEDULE OF QUANTITIES

## F.A.U. 7685 /32<sup>ND</sup> STREET

**CITY OF MATTOON**

SECTION 09-00182-00-RS

ROUTE: F.A.U. 7685  
32<sup>ND</sup> STREET

JOB#: C-97-030-10

PROJ#: ARA-M-5042(018)

CONTRACT#: 95610

COLES COUNTY

SHEET 21 OF 54

40600100 BITUMINOUS MATERIALS (PRIME COAT)

Lt.~Rt., 200+00~218+77 = 250 GALLON  
TOTAL = 250 GALLON

40600625 LEVELING BINDER (MACHINE METHOD), N50

11.5' Lt. ~ Rt., 200+00 ~ 218+77 = 198 TON  
11.5' - 48' Lt., 200+00 ~ 200+40 = 3 TON  
11.5' - 46' Rt., 200+00 ~ 200+40 = 3 TON  
11.5' - 20' Lt., 218+34 ~ 218+77 = 2 TON  
11.5' - 20' Rt., 218+34 ~ 218+77 = 2 TON  
TOTAL = 208 TON

40603310 HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50

11.5' Lt. ~ Rt., 200+00 ~ 217+77 = 396 TON  
SAG @ 204+12 ~ 204+78 = 22 TON  
11.5' - 48' Lt., 200+00 ~ 200+40 = 5 TON  
11.5' - 46' Rt., 200+00 ~ 200+40 = 5 TON  
11.5' - 20' Lt., 218+34 ~ 218+77 = 4 TON  
11.5' - 20' Rt., 218+34 ~ 218+77 = 4 TON  
TOTAL = 436 TON

44000157 HOT MIX ASPHALT SURFACE REMOVAL 2"

48' Lt.~46'Rt., 200+00 ~ 20'Lt.~Rt., 200+40 = 220.7 SQ.YDS.  
11.5' Lt.~Rt., 200+40 ~ 204+03 = 927.7 SQ.YDS.  
11.5' Lt.~Rt., 204+12 ~ 218+34 = 3,634.0 SQ.YDS.  
20' Lt.~Rt., 218+34 ~ 218+77 = 191.1 SQ.YDS.  
TOTAL = 4,973.5 SQ.YDS.

44201761 CLASS D PATCHES, TYPE 1, 10 INCH

10'~19' Lt., 200+04 ~ 200+09 = 5.0 SQ. YDS.  
TOTAL = 5.0 SQ. YDS.

60300350 MANHOLE FRAMES TO BE ADJUSTED

30' Lt., 200+02 = 1.0 EACH  
CL, 204+39 = 1.0 EACH  
CL, 206+70 = 1.0 EACH  
1' Lt., 211+45 = 1.0 EACH  
CL, 215+19 = 1.0 EACH  
TOTAL = 5.0 EACH

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

RR CROSSING SYMBOLS 11+32.5 = 122.4 SQ. FT.  
TOTAL = 122.4 SQ. FT.

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

YELLOW CL. 200+29 ~ 218+36 = 450 FOOT  
WHITE 11' Lt. & Rt., 200+29 ~ 218+36 = 3614 FOOT  
TOTAL = 4064 FOOT

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

25' Lt.~Rt., 200+16 = 50 FOOT  
21' Lt.~Rt., 200+22 = 42 FOOT  
20' Lt.~Rt., 218+43 = 40 FOOT  
20' Lt.~Rt., 218+49 = 40 FOOT  
TOTAL = 172 FOOT

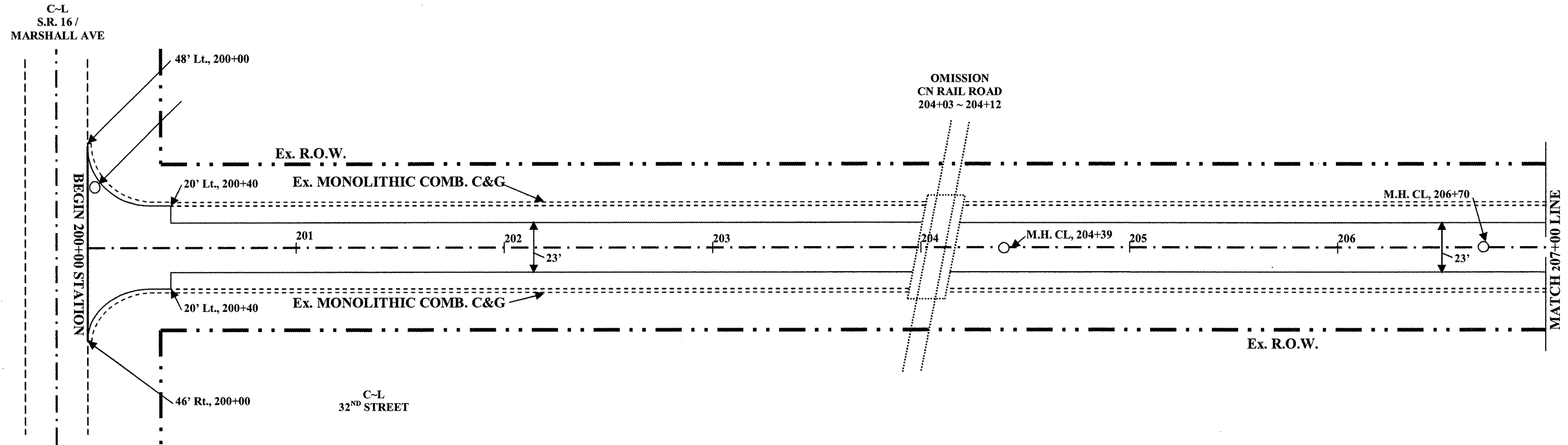
78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

CL. ~ 20' Lt., 200+27 = 20.0 FOOT  
CL. ~ 11.5' Rt., 203+20 = 11.5 FOOT  
CL. ~ 11.5' Rt., 203+70 = 11.5 FOOT  
CL. ~ 11.5' Rt., 203+90 = 11.5 FOOT  
CL. ~ 11.5' Lt., 204+30 = 11.5 FOOT  
CL. ~ 11.5' Lt., 204+50 = 11.5 FOOT  
CL. ~ 11.5' Lt., 205+27 = 11.5 FOOT  
CL. ~ 20' Rt., 218+38 = 20.0 FOOT  
TOTAL = 109.0 FOOT

# PLAN VIEW

**32<sup>ND</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: 7685 / 32<sup>ND</sup> ST.  
COLES COUNTY  
SHEET 22 OF 54



**40600625 LEVELING BINDER MM, N50 (3/4)**  
 11.5' - 48' Lt., 200+00 ~ 200+40 = 3 TON  
 11.5' - 46' Rt., 200+00 ~ 200+40 = 3 TON  
**TOTAL = 6 TON**

**40603310 HMA SC C N50 (1-1/2")**  
 11.5' - 48' Lt., 200+00 ~ 200+40 = 5 TON  
 11.5' - 46' Rt., 200+00 ~ 200+40 = 5 TON  
**TOTAL = 10 TON**

**44201761 CLASS D PATCHES, TYPE 1, 10 INCH**  
 10' - 19' Lt., 200+04 ~ 200+09 = 5.0 SQ. YDS.  
**TOTAL = 5.0 SQ. YDS.**

**44000157 HMA SURF REM 2**  
 48' Lt. - 46' Rt., 200+00 ~ 20' Lt. - Rt., 200+40 = 220.7 SQ. YDS.  
**TOTAL = 220.7 SQ. YDS.**

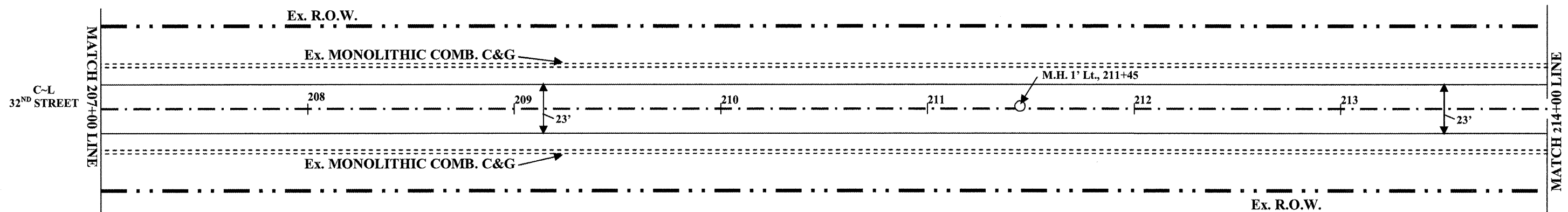
**60300350 MAN FRAMES ADJUST**  
 M.H. 30' Lt., 200+02 = 1 EACH  
 M.H. CL, 204+39 = 1 EACH  
 M.H. CL, 206+70 = 1 EACH  
**TOTAL = 3 EACH**

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**32<sup>ND</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: 7685 / 32<sup>ND</sup> ST.  
COLES COUNTY  
SHEET 23 OF 54



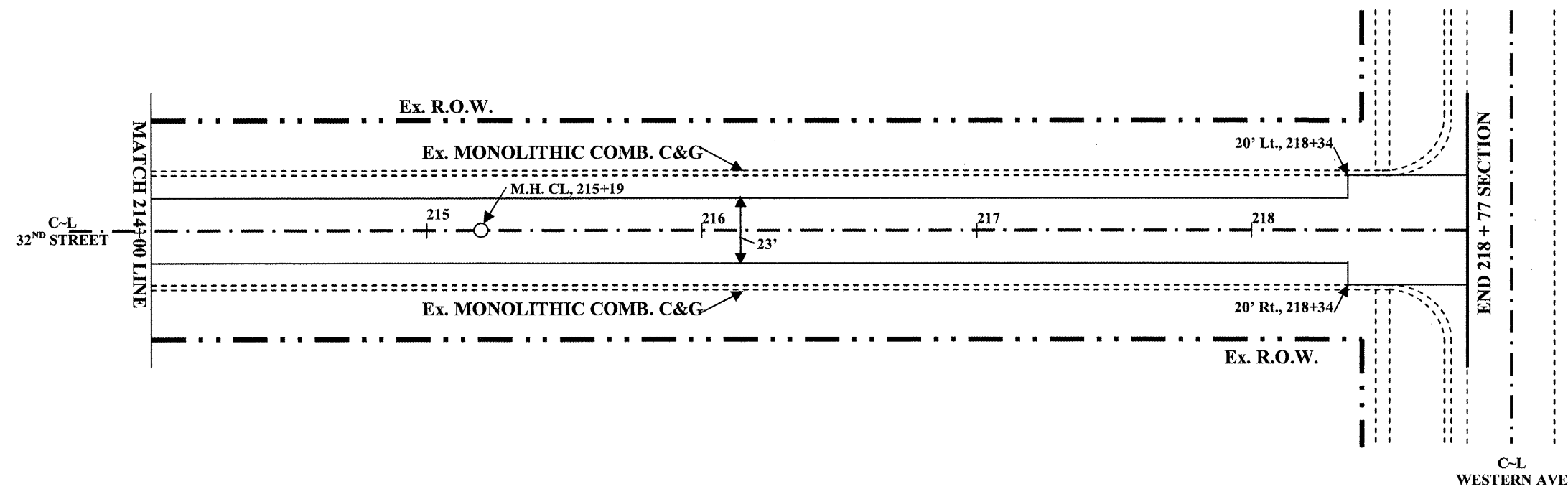
<u>60300350 MAN FRAMES ADJUST</u>	
M.H. 1' Lt., 211+45	= 1 EACH
TOTAL	= 1 EACH

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**32<sup>ND</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: 7685 / 32<sup>ND</sup> ST.  
COLES COUNTY  
SHEET 24 OF 54



<u>40600625 LEVELING BINDER MM, N50 (3/4)</u>	
11.5' - 20' Lt., 218+34 ~ 218+77	= 2 TON
11.5' - 20' Rt., 218+34 ~ 218+77	= 2 TON
TOTAL	= 4 TON

<u>40603310 HMA SC C N50 (1-1/2")</u>	
11.5' - 20' Lt., 218+34 ~ 218+77	= 4 TON
11.5' - 20' Rt., 218+34 ~ 218+77	= 4 TON
TOTAL	= 8 TON

<u>44000157 HMA SURF REM 2</u>	
20' Lt. - Rt., 218+34 ~ 218+77	= 191.1 SQ. YDS.
TOTAL	= 191.1 SQ. YDS.

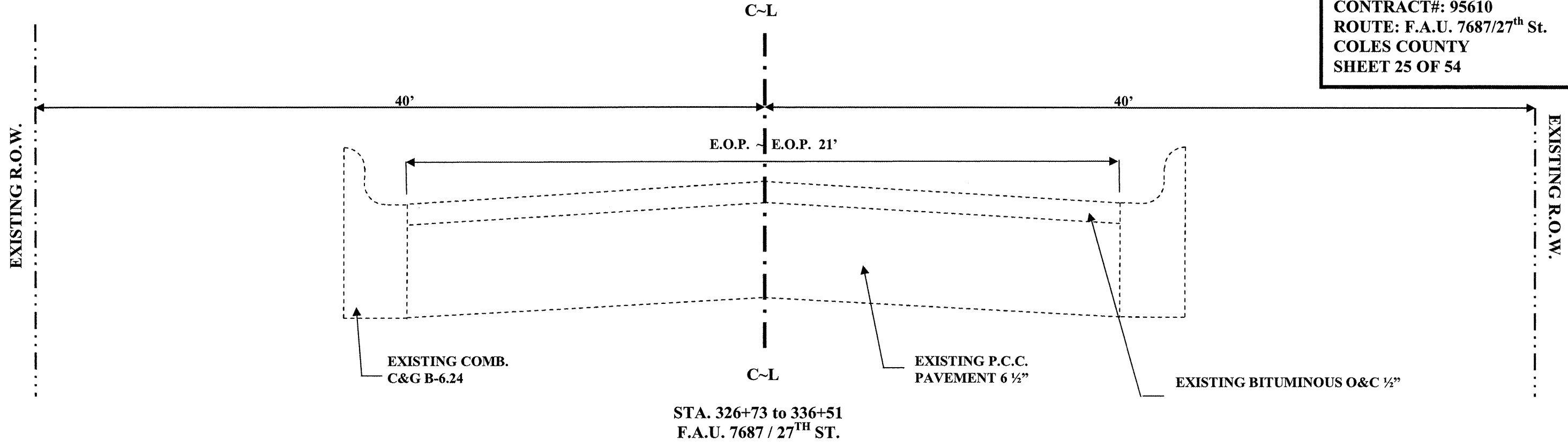
<u>60300350 MAN FRAMES ADJUST</u>	
CL, 215+19	= 1 EACH
TOTAL	= 1 EACH

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

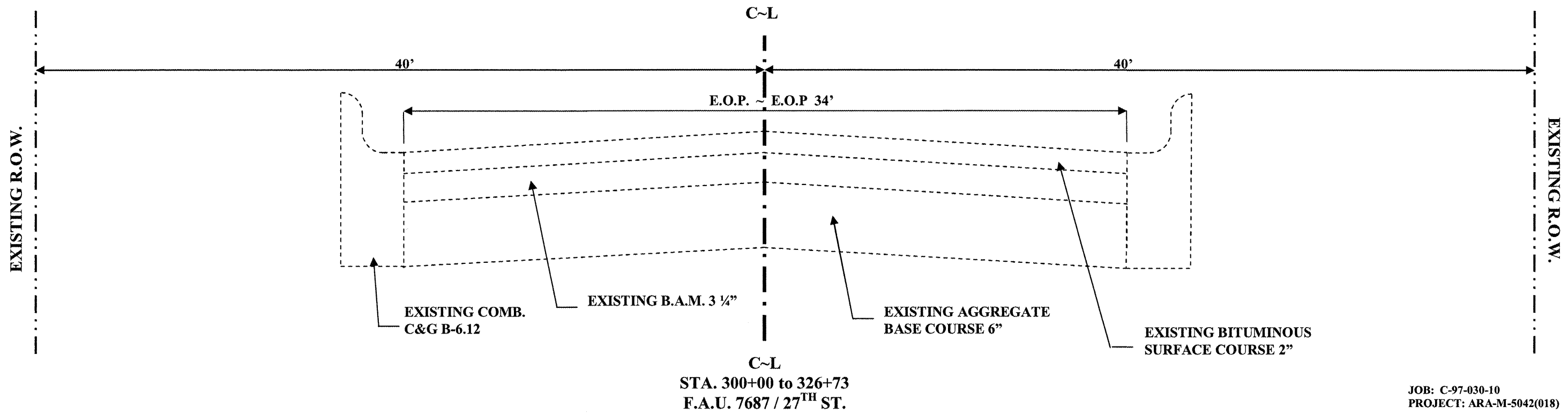


**EXISTING TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 ROUTE: F.A.U. 7687/27<sup>th</sup> St.  
 COLES COUNTY  
 SHEET 25 OF 54



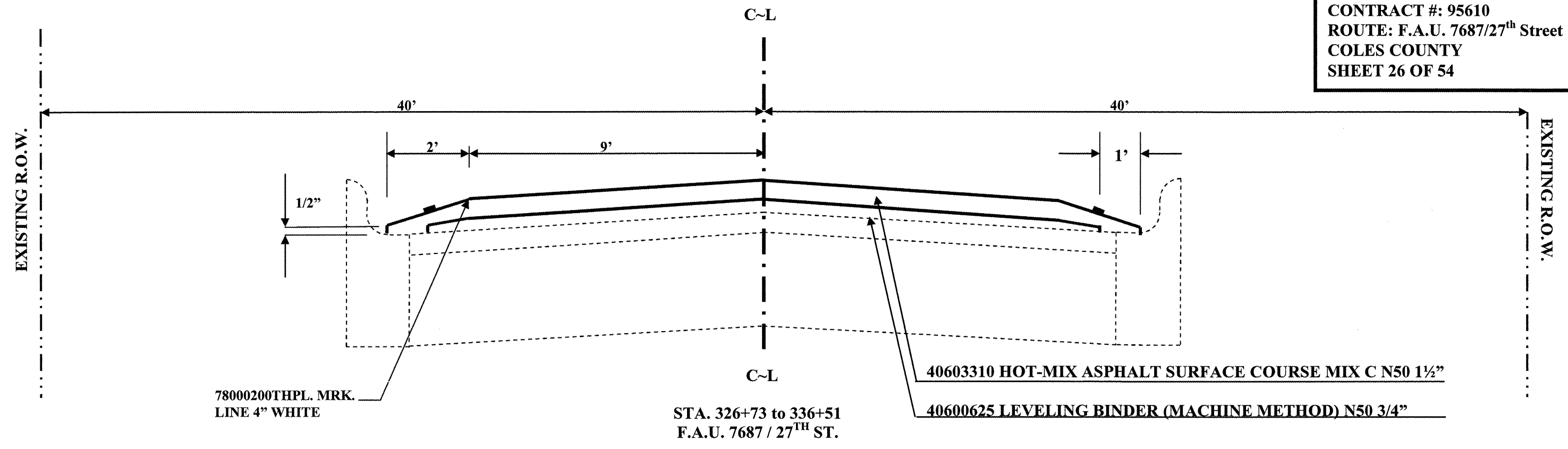
**EXISTING TYPICAL CROSS SECTIONS**



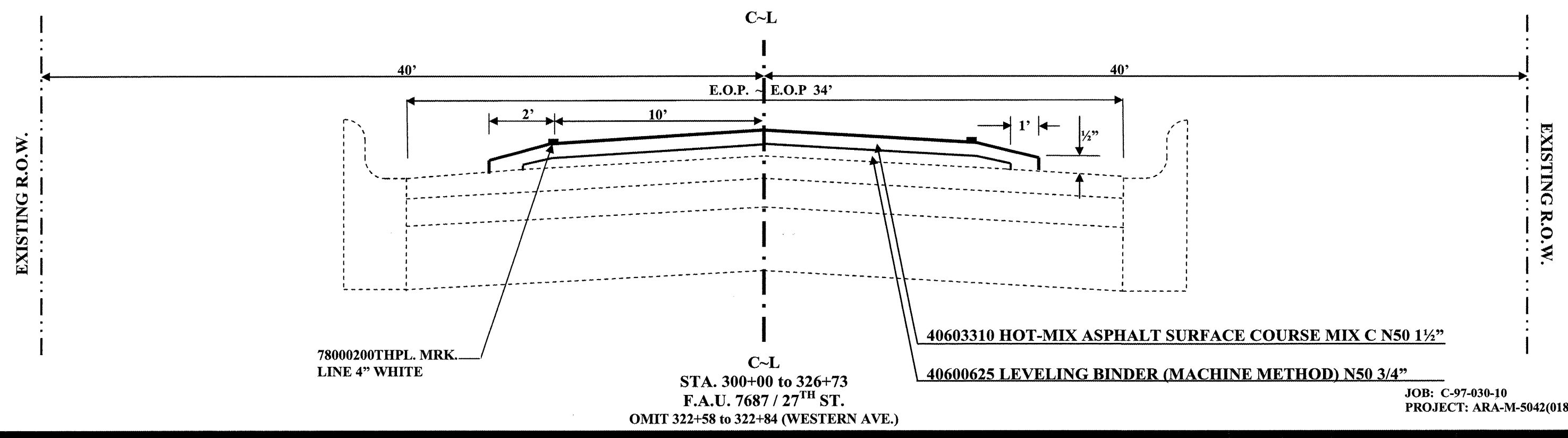
JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

**PROPOSED TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT #: 95610  
 ROUTE: F.A.U. 7687/27<sup>th</sup> Street  
 COLES COUNTY  
 SHEET 26 OF 54



**PROPOSED TYPICAL CROSS SECTIONS**



# SCHEDULE OF QUANTITIES

## F.A.U. 7687 / 27<sup>TH</sup> STREET

CITY OF MATTOON

SECTION 09-00182-00-RS

ROUTE: F.A.U. 7687

27<sup>TH</sup> STREET

JOB#: C-97-030-10

PROJ#: ARA-M-5042(018)

CONTRACT#: 95610

COLES COUNTY

SHEET 27 OF 54

### XX006935 BRICK SURFACE REMOVAL - BUTT JOINT

30~45'Lt., 311+08~311+33	= 43.3 SQ.YDS.
30~40'Rt., 311+08~311+33	= 43.3 SQ.YDS.
<b>TOTAL</b>	<b>= 86.6 SQ.YDS.</b>

### 40600100 BITUMINOUS MATERIALS (PRIME COAT)

	= 504 GALLON
<b>TOTAL</b>	<b>= 504 GALLON</b>

### 40600625 LEVELING BINDER (MACHINE METHOD), N50

11'Lt~Rt., 300+30 ~ 322+28	= 223 TON
11'~30'Lt., 303+44 ~ 303+67	= 2 TON
11'~30'Rt., 303+44 ~ 303+67	= 2 TON
11'~30'Lt., 307+30 ~ 307+53	= 2 TON
11'~30'Rt., 307+30 ~ 307+53	= 2 TON
11'~30'Lt., 311+10 ~ 311+31	= 2 TON
11'~30'Rt., 311+10 ~ 311+31	= 2 TON
11'~30'Lt., 314+89 ~ 315+12	= 2 TON
11'~30'Rt., 314+89 ~ 315+12	= 2 TON
11'~30'Lt., 318+69 ~ 318+92	= 2 TON
11'~30'Rt., 318+69 ~ 318+92	= 2 TON
11'Lt~Rt., 323+12 ~ 326+91	= 39 TON
11'~30'Lt., 326+49 ~ 326+72	= 2 TON
11'~30'Rt., 326+49 ~ 326+72	= 2 TON
10'Lt~Rt., 326+91 ~ 336+51	= 88 TON
10'Rt., 335+68 ~ 336+51 (P.L.)	= 11 TON
<b>TOTAL</b>	<b>= 385 TON</b>

### 40603310 HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50

12'~32'Lt., 300+00 ~ 300+42	= 4 TON
12'~40'Rt., 300+00 ~ 300+42	= 4 TON
12'Lt~Rt., 300+00 ~ 326+91	= 592 TON
12' ~ 45' Lt., 303+33 ~ 303+91	= 14 TON
12' ~ 45' Rt., 303+33 ~ 303+91	= 14 TON
12' ~ 45' Lt., 307+11 ~ 307+71	= 14 TON
12' ~ 45' Rt., 307+11 ~ 307+71	= 14 TON
12'~45'Rt.310+80 ~ 311+61	= 14 TON
12'~45'Lt.310+80 ~ 311+61	= 14 TON
12' ~ 45' Lt., 314+70 ~ 315+31	= 14 TON
12' ~ 45' Rt., 314+70 ~ 315+31	= 14 TON
12' ~ 45' Lt., 318+47 ~ 319+14	= 14 TON
12' ~ 45' Rt., 318+47 ~ 319+14	= 14 TON
12'-17'Lt~322+12 ~ 12'-41'Lt. 322+58	= 4 TON
12'-17'Rt~322+12 ~ 12'-43'Rt. 322+58	= 4 TON
12'-41'Lt. 322+82 ~ 12'-17'Lt~323+28	= 4 TON
12'-43'Rt. 322+82 ~ 12'-17'Rt~323+28	= 4 TON
12' ~ 40'Lt., 326+20 ~ 326+90	= 11 TON
12' ~ 40'Rt., 326+20 ~ 326+90	= 11 TON
11'Lt~Rt., 326+91 ~ 336+51	= 194 TON
11' ~ 45' Lt., 329+32 ~ 329+79	= 9 TON
11' ~ 45' Rt., 329+32 ~ 329+79	= 9 TON
11' ~ 45' Lt., 333+16 ~ 333+60	= 9 TON
11'Rt.,335+68~C~L 336+51(P.L.)	= 22 TON
<b>TOTAL</b>	<b>= 1,021 TON</b>

### 40600982 HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT

32'Lt~40'Rt., 300+00~17' Lt~Rt., 300+30	= 156.3 SQ.YDS.
30~45'Lt., 303+43 ~ 303+68	= 43.3 SQ.YDS.
30~45'Rt., 303+43 ~ 303+68	= 43.3 SQ.YDS.
30~45'Lt., 307+29 ~ 307+54	= 43.3 SQ.YDS.
30~45'Rt., 307+29 ~ 307+54	= 43.3 SQ.YDS.
30~45'Lt., 314+88 ~ 315+13	= 43.3 SQ.YDS.
30~45'Rt., 314+88 ~ 315+13	= 43.3 SQ.YDS.
30~45'Lt., 318+68 ~ 318+93	= 43.3 SQ.YDS.
30~45'Rt., 318+68 ~ 318+93	= 43.3 SQ.YDS.
17'Lt~Rt., 322+28 ~ 41'Lt~43'Rt., 322+58	= 168.5 SQ.YDS.
41'Lt~43'Rt., 322+82~17'Lt~Rt., 323+12	= 168.5 SQ.YDS.
30~45'Lt., 326+48 ~ 326+73	= 43.3 SQ.YDS.
30~45'Rt., 326+48 ~ 326+73	= 43.3 SQ.YDS.
30~45'Lt., 329+45 ~ 329+65	= 33.3 SQ.YDS.
30~45'Rt., 329+45 ~ 329+65	= 33.3 SQ.YDS.
30~45'Lt., 333+27 ~ 333+47	= 33.3 SQ.YDS.
<b>TOTAL</b>	<b>= 1,026.2 SQ.YDS.</b>

### 44001700 COMB. CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT

10.5'Lt., 334+47 ~ 335+34	= 87 FOOT
<b>TOTAL</b>	<b>= 87 FOOT</b>

### 44201349 CLASS C PATCHES, TYPE 1, 10 INCH

4.5' Lt. ~ 2.5' Rt., 311+17 ~ 311+21	= 3.1 SQ. YDS.
<b>TOTAL</b>	<b>= 3.1 SQ. YDS.</b>

### 44201765 CLASS D PATCHES, TYPE 2, 10 INCH

CL. ~ 10.5 Rt., 335+80~335+86	= 7.0 SQ. YDS.
<b>TOTAL</b>	<b>= 7.0 SQ. YDS.</b>

### 44201769 CLASS D PATCHES, TYPE 3, 10 INCH

CL. ~ 17'Lt., 318+55~318+61	= 11.3 SQ. YDS.
CL. ~ 17'Rt., 318+55~318+61	= 11.3 SQ. YDS.
<b>TOTAL</b>	<b>= 22.6 SQ. YDS.</b>

### 60300310 FRAMES AND LIDS TO BE ADJUSTED SPECIAL

CL., 322+28	= 1.0 EACH
<b>TOTAL</b>	<b>= 1.0 EACH</b>

### 60300350 MANHOLE FRAMES TO BE ADJUSTED

3'Lt., 303+62	= 1.0 EACH
CL., 307+39	= 1.0 EACH
20'Rt., 314+85	= 1.0 EACH
10'Lt., 320+35	= 1.0 EACH
16'Rt., 322+46	= 1.0 EACH
11'Lt., 323+04	= 1.0 EACH
12'Lt., 326+60	= 1.0 EACH
12'Rt., 326+60	= 1.0 EACH
19'Lt., 329+55	= 1.0 EACH
2'Lt., 333+45	= 1.0 EACH
CL., 336+51	= 1.0 EACH
<b>TOTAL</b>	<b>= 11.0 EACH</b>

### 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

YELLOW CL., 300+25 ~ 322+15	= 550 FOOT
WHITE 11'Lt~Rt., 300+25~322+15	= 3,780 FOOT
YELLOW CL., 323+35 ~ 336+51	= 330 FOOT
<b>TOTAL</b>	<b>= 4,660 FOOT</b>

### 78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

23'Lt~Rt., 300+14	= 46 FOOT
19.5'Lt~Rt., 300+20	= 39 FOOT
33'Lt., 311+08 ~ 311+33	= 25 FOOT
39'Lt., 311+08 ~ 311+33	= 25 FOOT
33' Rt., 311+08 ~ 311+33	= 25 FOOT
39' Rt., 311+08 ~ 311+33	= 25 FOOT
17' Lt. ~ Rt., 322+20	= 34 FOOT
17' Lt. ~ Rt., 322+26	= 34 FOOT
17' Lt. ~ Rt., 323+14	= 34 FOOT
17' Lt. ~ Rt., 323+20	= 34 FOOT
33' & 39' Rt., 303+43 ~ 303+68	= 50 FOOT
33' & 39' Rt., 307+29 ~ 307+54	= 50 FOOT
33' & 39' Rt., 314+88 ~ 315+13	= 50 FOOT
33' & 39' Lt., 318+68 ~ 318+93	= 50 FOOT
33' & 39' Rt., 318+68 ~ 318+93	= 50 FOOT
33' & 39' Lt., 326+48 ~ 326+73	= 50 FOOT
33' & 39' Rt., 326+48 ~ 326+73	= 50 FOOT
33' & 39' Lt., 329+45 ~ 329+65	= 40 FOOT
33' & 39' Rt., 329+45 ~ 329+65	= 40 FOOT
33' & 39' Lt., 333+27 ~ 333+47	= 40 FOOT
<b>TOTAL</b>	<b>= 791 FOOT</b>

### 78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

CL. ~ 17'Lt., 300+25	= 17.0 FOOT
45'Rt., 303+43 ~ 303+68	= 25.0 FOOT
45'Lt., 307+29 ~ 307+54	= 25.0 FOOT
45'Lt., 311+08 ~ 311+20.5	= 12.5 FOOT
45'Rt., 311+20.5 ~ 311+33	= 12.5 FOOT
45'Lt., 314+88 ~ 315+13	= 25.0 FOOT
45'Lt., 318+69 ~ 318+80	= 12.5 FOOT
45'Rt., 318+80 ~ 318+93	= 12.5 FOOT
CL., ~ 17' Rt., 322+15	= 17.0 FOOT
CL., ~ 17' Rt., 323+25	= 17.0 FOOT
45'Lt., 326+48 ~ 326+60	= 12.5 FOOT
45'Rt., 326+60 ~ 326+73	= 12.5 FOOT
45'Lt., 329+45 ~ 329+55	= 10.0 FOOT
45'Rt., 329+55 ~ 329+65	= 10.0 FOOT
45'Lt., 333+27 ~ 333+37	= 10.0 FOOT
<b>TOTAL</b>	<b>= 231.0 FOOT</b>

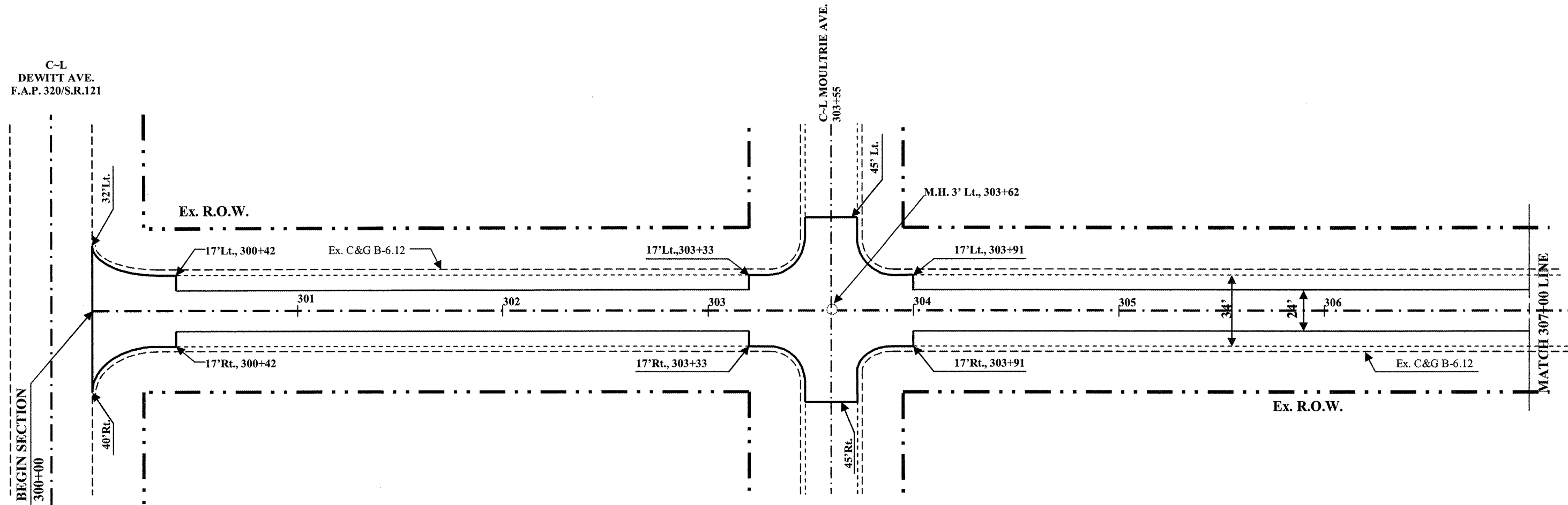
# PLAN VIEW

**27<sup>TH</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#:95610  
ROUTE:F.A.U.7687/27<sup>th</sup> St.  
COLES COUNTY  
SHEET 28 OF 54



C-L  
DEWITT AVE.  
F.A.P. 320/S.R.121



<b>40600982 HMA SURF REM BUTT JT (1-1/2")</b>	
32' Lt.-40' Rt., 300+00 ~ 17' Lt.-Rt., 300+30	= 156.3 SQ. YD.
30~45' Lt., 303+43 ~ 303+68	= 43.3 SQ. YD.
30~45' Rt., 303+43 ~ 303+68	= 43.3 SQ. YD.
<b>TOTAL</b>	<b>= 242.9 SQ. YD.</b>

<b>40600625 LEVELING BINDER MM, N50</b>	
11'~30' Lt., 303+44 ~ 303+67	= 2 TON
11'~30' Rt., 303+44 ~ 303+67	= 2 TON
<b>TOTAL</b>	<b>= 4 TON</b>

<b>40603310 HMA SC C N50</b>	
12'~32' Lt., 300+00 ~ 300+42	= 4 TON
12'~40' Rt., 300+00 ~ 300+42	= 4 TON
12'~45' Lt., 303+33 ~ 303+91	= 14 TON
12'~45' Rt., 303+33 ~ 303+91	= 14 TON
<b>TOTAL</b>	<b>= 36 TON</b>

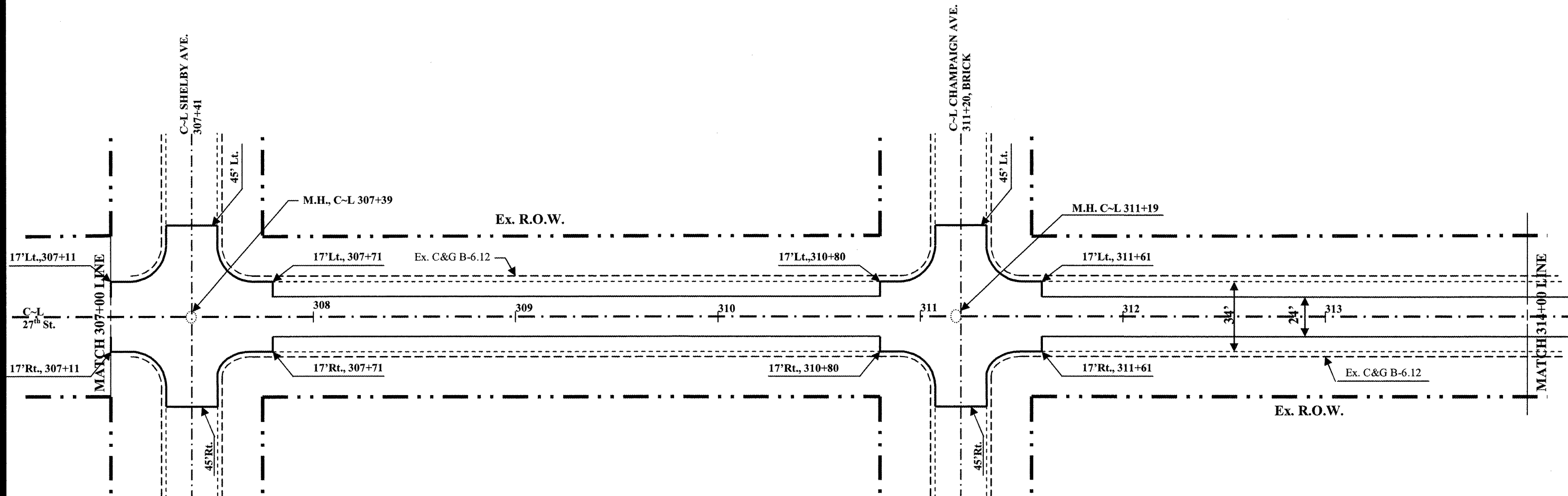
<b>60300350 MAN FRAMES ADJUST</b>	
M.H. 3' Lt., 303+62	= 1 EACH
<b>TOTAL</b>	<b>= 1 EACH</b>

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**27<sup>TH</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U. 7687/27<sup>th</sup> St.  
COLES COUNTY  
SHEET 29 OF 54



**XX006935 BRICK SURF REM - BJ (3/4)**  
30~45'Lt., 311+08 ~ 311+33 = 43.3 SQ. YD.  
30~45'Rt., 311+08 ~ 311+33 = 43.3 SQ. YD.  
TOTAL = 86.6 SQ. YD.

**40600625 LEVELING BINDER MM, N50**  
11'~30'Lt., 307+30 ~ 307+53 = 2 TON  
11'~30'Rt., 307+30 ~ 307+53 = 2 TON  
11'~30'Lt., 311+09 ~ 311+32 = 2 TON  
11'~30'Rt., 311+09 ~ 311+32 = 2 TON  
TOTAL = 8 TON

**40600982 HMA SURF REM BUTT JT (1-1/2")**  
30~45'Lt., 307+29 ~ 307+54 = 43.3 SQ. YD.  
30~45'Rt., 307+29 ~ 307+54 = 43.3 SQ. YD.  
TOTAL = 86.6 SQ. YD.

**40603310 HMA SC C N50**  
12'~45'Lt., 307+11 ~ 307+71 = 14 TON  
12'~45'Rt., 307+11 ~ 307+71 = 14 TON  
12'~45'Lt., 310+80 ~ 311+61 = 14 TON  
12'~45'Rt., 310+80 ~ 311+61 = 14 TON  
TOTAL = 56 TON

**44201349 CLASS C PATCHES, TYPE 1, 10 INCH**  
4.5'Lt. ~ 2.5'Rt., 311+17 ~ 311+21 = 3.1 SQ. YD.  
TOTAL = 3.1 SQ. YD.

NOTE: THE MANHOLE F&G WITHIN THE CLASS C PATCH AT STATION C-L 311+19, SHALL BE ADJUSTED TO FINISH GRADE BEFORE PLACEMENT OF CONCRETE AND ALL WORK/MATERIAL RELATED TO THE ADJUSTMENT OF THE M.H. SHALL BE INCIDENTAL TO THE PAY ITEM INVOLVED, 44201349 CLASS C PATCH, T1, 10".

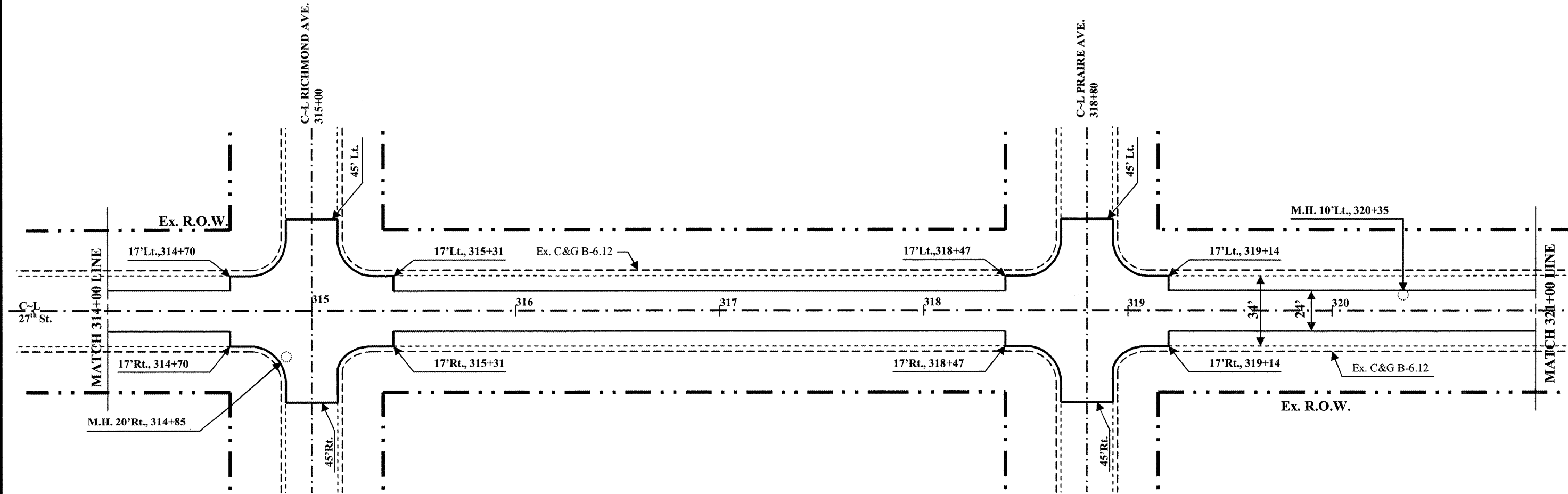
**60300350 MAN FRAMES ADJUST**  
C-L 307+39 = 1 EACH  
TOTAL = 1 EACH

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**27<sup>TH</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U. 7687/27<sup>th</sup> St.  
COLES COUNTY  
SHEET 30 OF 54



<b>40600625 LEVELING BINDER MM, N50</b>	
11'~30'Lt. 314+89 ~ 315+12	= 2 TON
11'~30'Rt. 314+89 ~ 315+12	= 2 TON
11'~30'Lt. 318+69 ~ 318+92	= 2 TON
11'~30'Rt. 318+69 ~ 318+92	= 2 TON
<b>TOTAL</b>	<b>= 8 TON</b>

<b>40600982 HMA SURF REM BUTT JT (1-1/2")</b>	
30~45'Lt., 314+88 ~ 315+13	= 43.3 SQ. YD.
30~45'Rt., 314+88 ~ 315+13	= 43.3 SQ. YD.
30~45'Lt., 318+68 ~ 318+93	= 43.3 SQ. YD.
30~45'Rt., 318+68 ~ 318+93	= 43.3 SQ. YD.
<b>TOTAL</b>	<b>= 173.2 SQ. YD.</b>

<b>40603310 HMA SC C N50</b>	
12'~45'Lt., 314+70 ~ 315+31	= 14 TON
12'~45'Rt., 314+70 ~ 315+31	= 14 TON
12'~45'Lt., 318+47 ~ 319+14	= 14 TON
12'~45'Rt., 318+47 ~ 319+14	= 14 TON
<b>TOTAL</b>	<b>= 56 TON</b>

<b>44201769 CLASS D PATCHES, TYPE 3, 10 INCH</b>	
C-L ~ 17'Lt., 318+55 ~ 318+61	= 11.3 SQ.YD.
C-L ~ 17'Lt., 318+55 ~ 318+61	= 11.3 SQ.YD.
<b>TOTAL</b>	<b>= 22.6 SQ.YD.</b>

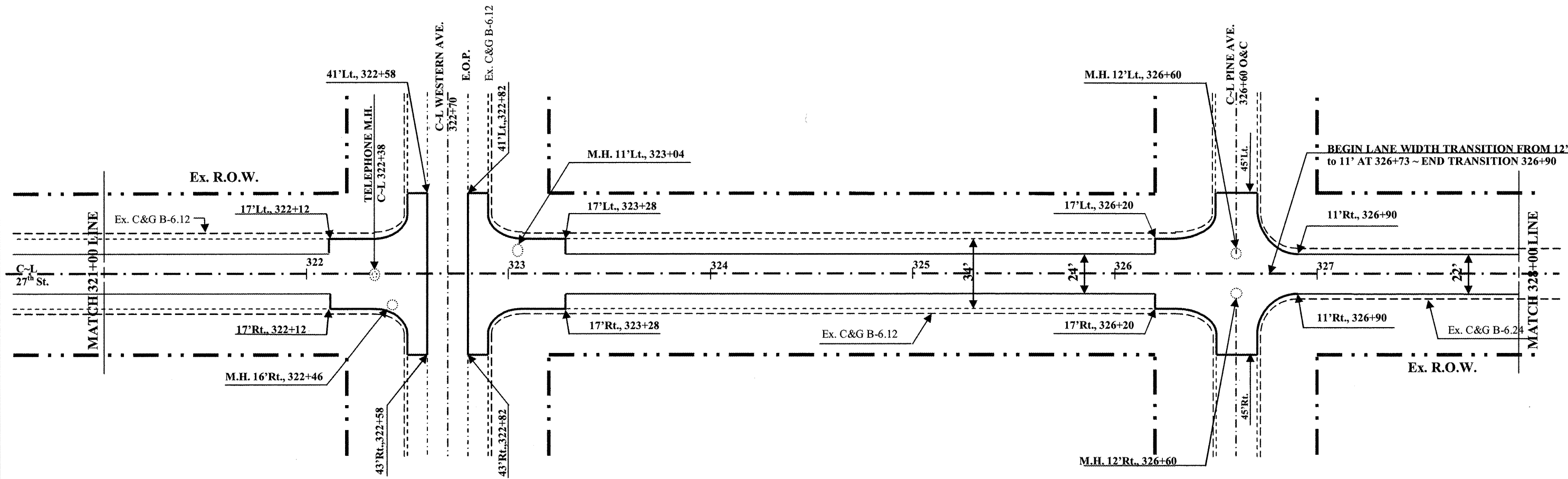
<b>60300350 MAN FRAMES ADJUST</b>	
10' Lt., 320+35	= 1.0 EACH
20'Rt., 314+85	= 1.0 EACH
<b>TOTAL</b>	<b>= 2.0 EACH</b>

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

# PLAN VIEW

**27<sup>TH</sup> STREET**

**CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U. 7687/27<sup>th</sup> St.  
COLES COUNTY  
SHEET 31 OF 54**



<b>40600625 LEVELING BINDER MM, N50</b>	
11'~30'Lt. 326+49 ~ 326+72	= 2 TON
11'~30'Rt. 326+49 ~ 326+72	= 2 TON
<b>TOTAL</b>	<b>= 4 TON</b>

<b>40600982 HMA SURF REM BUTT JT (1-1/2")</b>	
17'Lt.~Rt.,322+28~41'Lt.~43'Rt.,322+58	= 168.5 SQ. YDS.
41'Lt.~43'Rt.,322+82 ~ 17'Lt.~Rt.,323+12	= 168.5 SQ. YDS.
30~45'Lt., 326+48 ~ 326+73	= 43.3 SQ. YDS.
30~45'Rt., 326+48 ~ 326+73	= 43.3 SQ. YDS.

<b>40603310 HMA SC C N50</b>	
12'-17'Lt.~322+12 ~ 12'-41'Lt. 322+58	= 4 TON
12'-17'Rt.~322+12 ~ 12'-43'Rt. 322+58	= 4 TON
12'-41'Lt. 322+82 ~ 12'-17'Lt.~323+28	= 4 TON
12'-43'Rt. 322+82 ~ 12'-17'Rt.~323+28	= 4 TON
12' ~ 45'Lt., 326+20 ~ 326+90	= 11 TON
12' ~ 45'Rt., 326+20 ~ 326+90	= 11 TON
<b>TOTAL</b>	<b>= 38 TON</b>

<b>60300310 FR &amp; LIDS ADJUST SPL</b>	
C~L., 322+28	= 1 EACH
<b>TOTAL</b>	<b>= 1 EACH</b>

**NOTE:**  
THIS M.H. IS A TELEPHONE M.H.

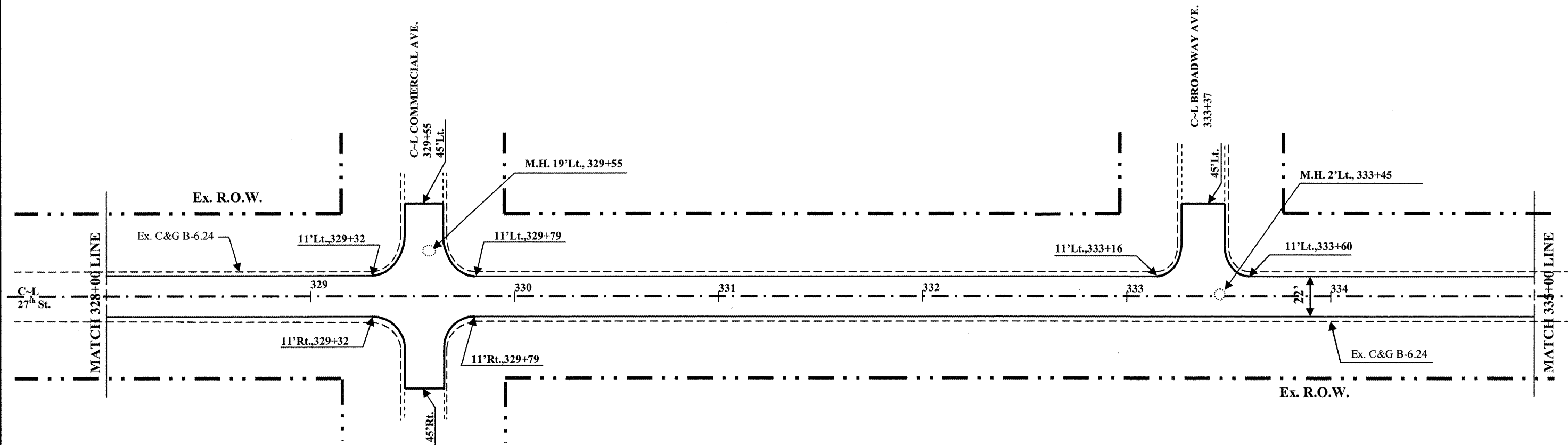
<b>60300350 MAN FRAMES ADJUST</b>	
16'Rt., 322+46	= 1.0 EACH
11'Lt., 323+04	= 1.0 EACH
12'Lt., 326+60	= 1.0 EACH
12'Rt., 326+60	= 1.0 EACH
<b>TOTAL</b>	<b>= 4.0 EACH</b>

**JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'**

# PLAN VIEW

**27<sup>TH</sup> STREET**

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U. 7687/27<sup>th</sup> St.  
COLES COUNTY  
SHEET 32 OF 54



<u>40600982 HMA SURF REM BUTT JT (1-1/2")</u>	
30~45'Lt., 329+45 ~ 329+65	= 33.3 SQ. YD.
30~45'Rt., 329+45 ~ 329+65	= 33.3 SQ. YD.
30~45'Lt., 333+27 ~ 333+47	= 33.3 SQ. YD.
TOTAL	= 99.9 SQ. YD.

<u>40603310 HMA SC C N50</u>	
11'~45'Lt., 329+32 ~ 329+79	= 9 TON
11'~45'Rt., 329+32 ~ 329+79	= 9 TON
11'~45'Lt., 333+16 ~ 333+60	= 9 TON
TOTAL	= 27 TON

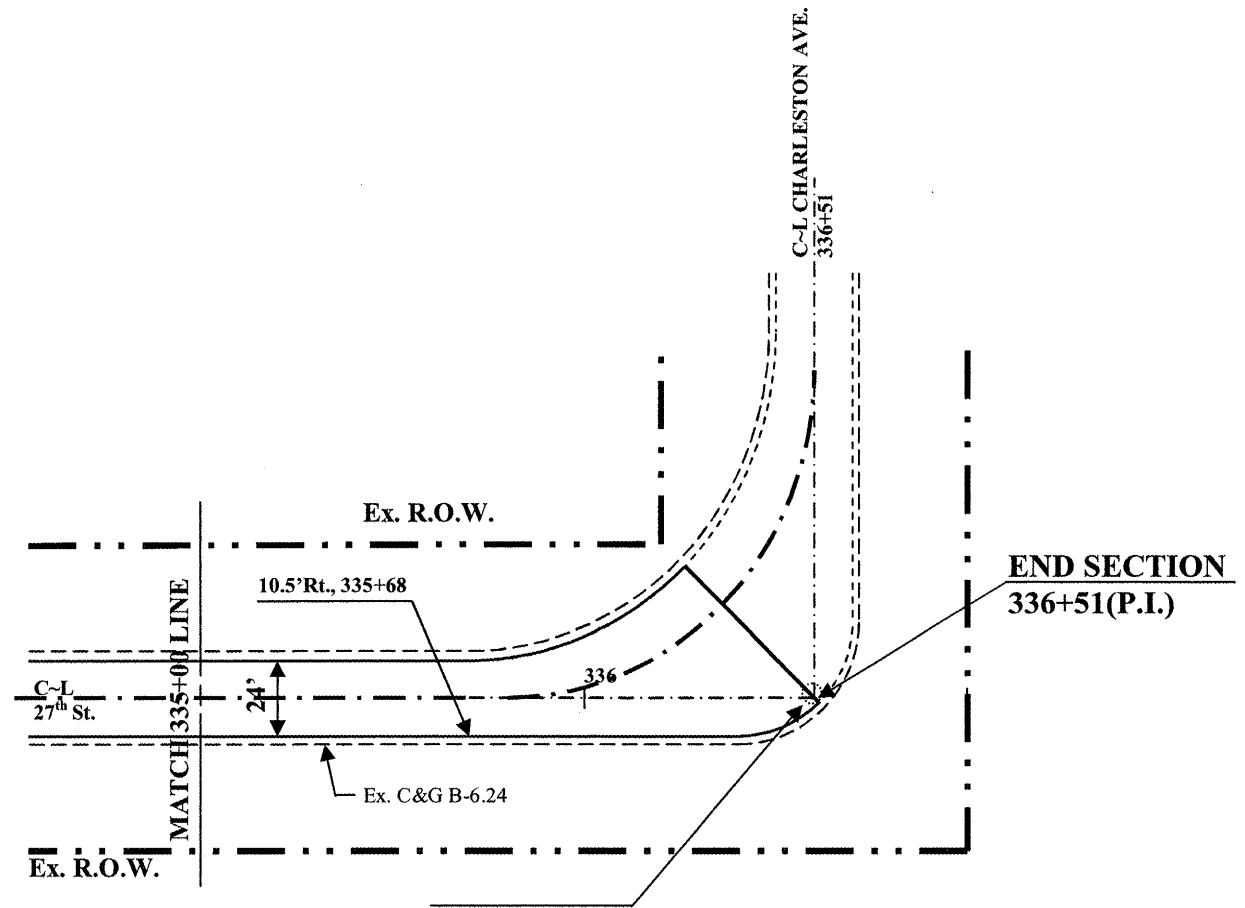
<u>44001700 COMB C C&amp;G REM &amp; REPL</u>	
10.5'Lt., 334+47 ~ 335+34	= 87 FOOT
TOTAL	= 87 FOOT

<u>60300350 MAN FRAMES ADJUST</u>	
19' Lt., 329+55	= 1.0 EACH
2' Lt., 333+45	= 1.0 EACH
TOTAL	= 2.0 EACH

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'



**PLAN VIEW**



<u>40600625 LEVELING BINDER (MM), N50</u>	
10'Rt.,335+68~C~L 336+51(P.I.)	= 11 TON
<b>TOTAL</b>	<b>= 11 TON</b>

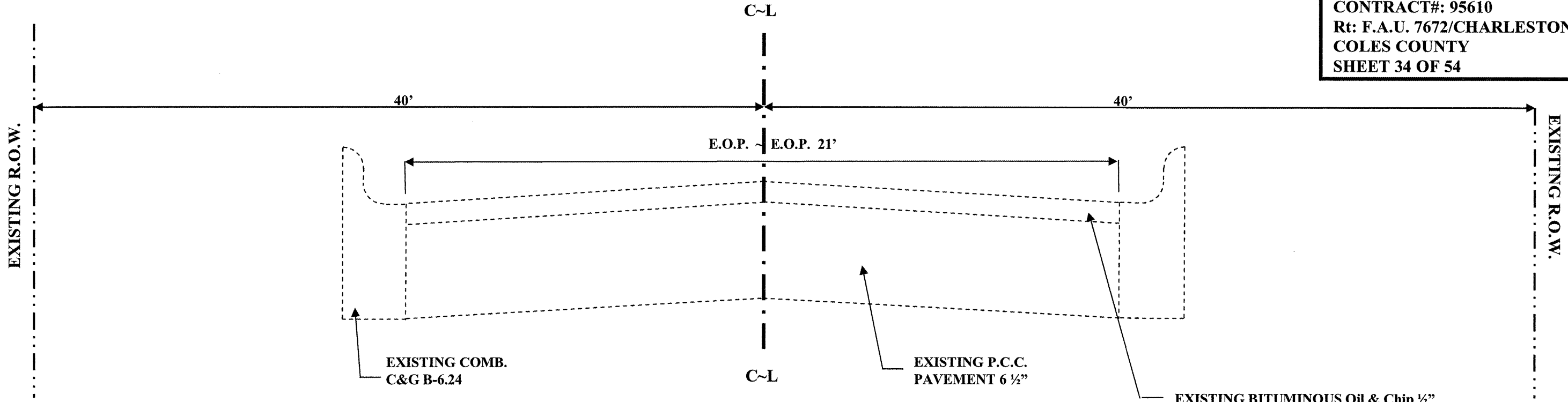
<u>40603310 HMA SC C N50</u>	
11'Rt.,335+68~C~L 336+51(P.I.)	= 22 TON
<b>TOTAL</b>	<b>= 22 TON</b>

<u>44201765 CLASS D PATCHES, T2, 10 INCH</u>	
C~L - 10.5'Rt., 335+80 ~ 335+86	= 7.0 SQ. YD.
<b>TOTAL</b>	<b>= 7.0 SQ. YD.</b>

<u>60300350 MAN FRAMES ADJUST</u>	
C~L., 336+51	= 1 EACH
<b>TOTAL</b>	<b>= 1 EACH</b>

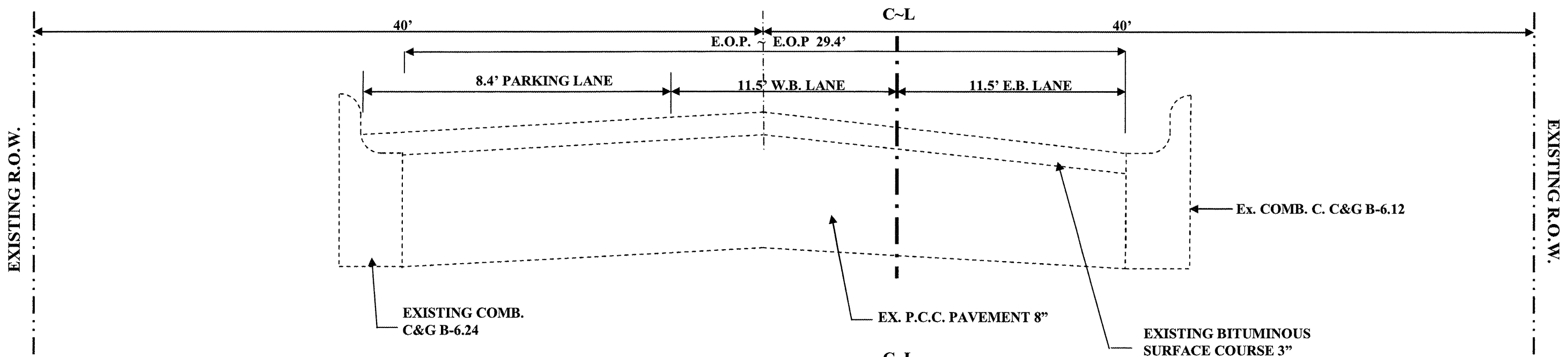
***EXISTING TYPICAL CROSS SECTIONS***

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 Rt: F.A.U. 7672/CHARLESTON  
 COLES COUNTY  
 SHEET 34 OF 54



STA. 336+51 to 339+66  
 F.A.U. 7672 / CHARLESTON AVE.

***EXISTING TYPICAL CROSS SECTIONS***



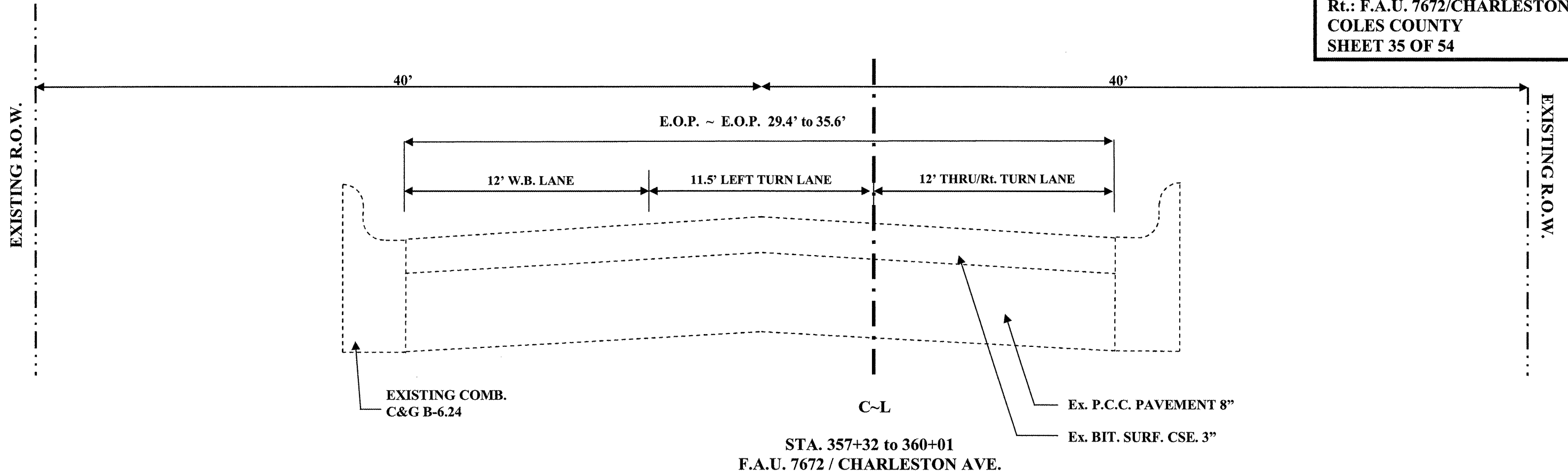
STA. 339+66 to 357+32  
 F.A.U. 7672/CHARLESTON AVE.

JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

**EXISTING TYPICAL CROSS SECTIONS**

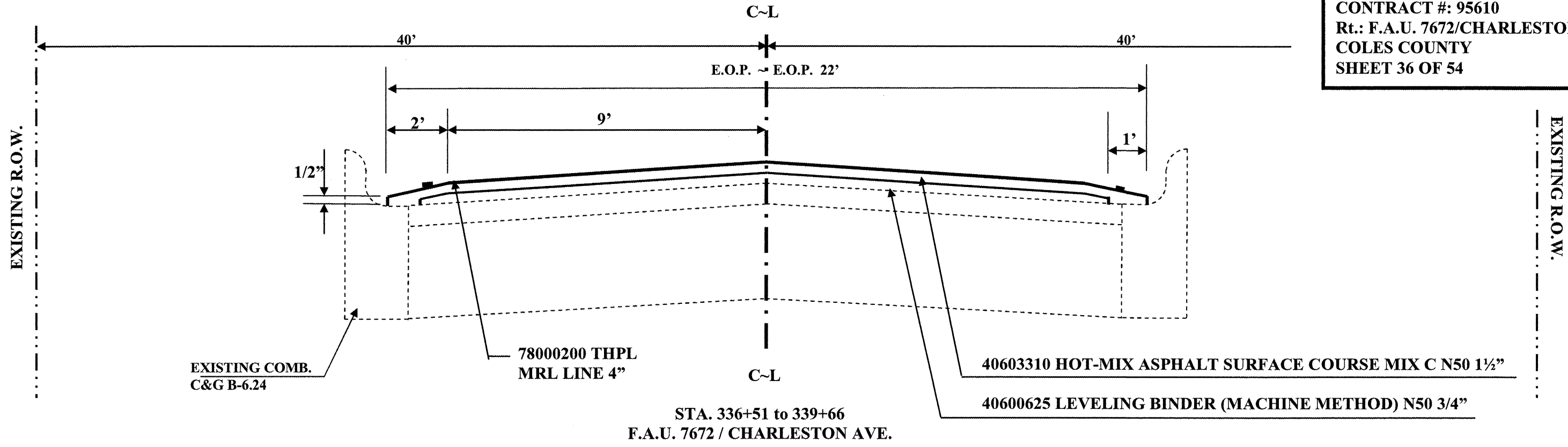
C~L

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
Rt.: F.A.U. 7672/CHARLESTON  
COLES COUNTY  
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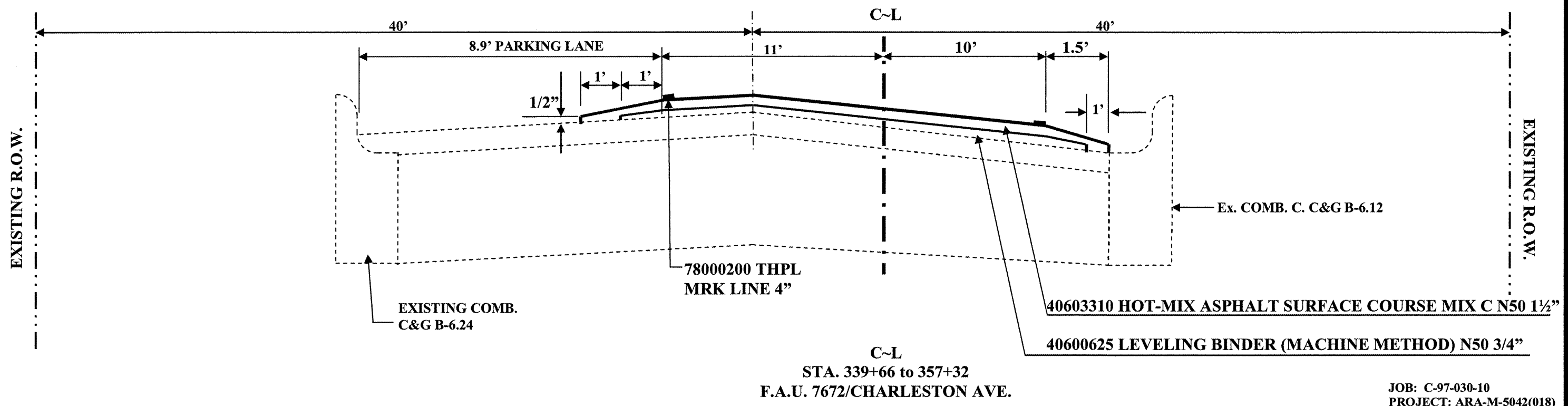


**PROPOSED TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT #: 95610  
 Rt.: F.A.U. 7672/CHARLESTON  
 COLES COUNTY  
 SHEET 36 OF 54



**PROPOSED TYPICAL CROSS SECTIONS**

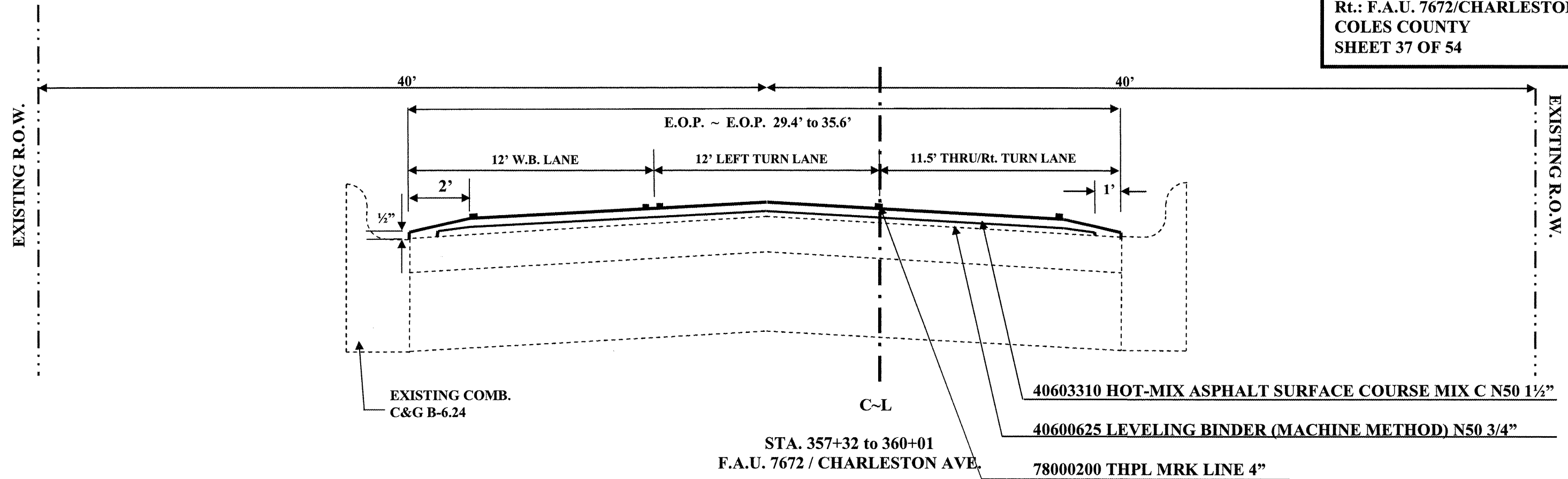


JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

**PROPOSED TYPICAL CROSS SECTIONS**

C~L

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT #: 95610  
Rt.: F.A.U. 7672/CHARLESTON  
COLES COUNTY  
SHEET 37 OF 54



# SCHEDULE OF QUANTITIES

## F.A.U. 7672 /CHARLESTON AVE

**CITY OF MATTOON**

SECTION 09-00182-00-RS

ROUTE: F.A.U. 7672

CHARLESTON AVE

JOB#: C-97-030-10

PROJ#: ARA-M-5042(018)

CONTRACT#: 95610

COLES COUNTY

SHEET 38 OF 54

**X0325599 PARTIAL DEPTH PATCHING 2"**

9'~11' Rt., 341+63 ~ 341+82 = 0.5 TON  
**TOTAL = 0.5 TON**

**40600100 BITUMINOUS MATERIALS (PRIME COAT)**

Lt. ~ Rt., 336+51 ~ 360+01 = 350 GAL  
**TOTAL = 350 GAL**

**40600625 LEVELING BINDER (MACHINE METHOD), N50**

CL. ~ 336+51(P.I.) ~ 10'Rt., 337+32 = 11 TON  
 10' ~ 56'Rt., 339+56 ~ 340+78 = 10 TON  
 10'Lt. ~ Rt., 336+51 ~ 340+48 = 39 TON  
 12'Lt ~ 10.5'Rt., 340+78 ~ 359+71 = 196 TON  
 10'~56'Rt., 345+20 ~ 346+68 = 11 TON  
 12'Lt., 356+20~12' ~ 15.5'Lt., 357+00 = 1 TON  
 12'~15.5'Lt., 357+00~12'~16.9'Lt., 357+32 = 1 TON  
 12' ~ 16.9'Lt., 357+32 ~ 12'24'Lt., 359+02 = 6 TON  
 12' ~ 23'Lt., 359+02 ~ 359+71 = 4 TON  
**TOTAL = 279 TON**

**40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT**

56' ~ 66'Rt., 340+16 ~ 340+54 = 42.2 SQ. YDS.  
 24'Lt.~11.5'Rt., 359+71~57'Lt.~51'Rt., 360+01 = 161.3 SQ. YDS.  
**TOTAL = 203.5 SQ. YDS.**

**406003310 HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50**

C~L., 336+51 ~ 11' Rt., 337+32 = 22 TON  
 11'~66'Rt., 339+56 ~ 340+78 = 25 TON  
 11'Lt.~Rt., 336+51~340+78 = 86 TON  
 13' Lt. ~ 11.5'Rt., 340+78~360+01 = 432 TON  
 11.5'~13.5'Rt., 343+98 ~ 344+50 = 1 TON  
 11.5'~60'Rt., 345+20 ~ 346+68 = 24 TON  
 11.5'~13.5'Rt., 347+79 ~ 348+65 = 2 TON  
 11.5'~13.5'Rt., 351+74 ~ 352+50 = 2 TON  
 11.5'~13.5'Rt., 355+65 ~ 356+50 = 2 TON  
 13'Lt.,356+20~13'~16.5'Lt.357+00 = 2 TON  
 13'~16.5' Lt., 357+00 ~ 13'~17.9' Lt., 357+32 = 2 TON  
 13'~17.9' Lt.,357+32 ~ 13'~24' Lt., 359+02 = 11 TON  
 13' ~ 24' Lt., 359+02 ~ 360+01 = 10 TON  
 24' ~ 57' Lt., 359+69 ~ 360+01 = 2 TON  
 11.5' ~ 51' Rt., 359+69 ~ 360+01 = 2 TON  
**TOTAL = 625 TON**

**44001700 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT**

11.5'Rt.,341+55~341+83 = 28 FOOT  
 34'Lt., 348+53 ~ 21'Lt., 348+59 = 16 FOOT  
 11.5'Rt., 350+49 ~ 350+63 = 14 FOOT  
 11.5'Rt., 355+71 ~ 355+76 = 5 FOOT  
 11.5'Rt., 357+86 ~ 357+95 = 9 FOOT  
**TOTAL = 72 FOOT**

**44201761 CLASS D PATCHES, TYPE 1, 10 INCH**

14' ~ 19'Lt., 353+35 ~ 353+40 = 2.8 SQ. YDS.  
**TOTAL = 2.8 SQ. YDS.**

**44201765 CLASS D PATCHES, TYPE 2, 10 INCH**

2' ~ 10.5'Lt., 338+56 ~ 338+64 = 7.6 SQ. YD.  
 4'Lt. ~ 3'Rt., 353+35 ~ 353+42 = 5.4 SQ.YD.  
 2'~12'Rt., 355+71 ~ 355+76 = 5.6 SQ.YD.  
**TOTAL = 18.6 SQ.YD.**

**44201769 CLASS D PATCHES, TYPE 3, 10 INCH**

C~L ~ 11.5' Rt., 357+86 ~ 357+95 = 11.5 SQ. YDS.  
**TOTAL = 11.5 SQ. YDS.**

**44201771 CLASS D PATCHES, TYPE 4, 10 INCH**

2Lt.' ~ 11.5'Rt., 338+49 ~ 338+60 = 16.5 SQ. YD.  
**TOTAL = 16.5 SQ. YD.**

**60300350 MANHOLE FRAMES TO BE ADJUSTED**

6' Lt., 340+47 = 1 EACH  
 8' Lt., 344+89 = 1 EACH  
 7' Lt., 346+99 = 1 EACH  
 8' Lt., 348+28 = 1 EACH  
 8' Lt., 352+20 = 1 EACH  
 8' Lt., 356+21 = 1 EACH  
 8' Lt., 359+50 = 1 EACH  
 8' Lt., 359+95 = 1 EACH  
**TOTAL = 8 EACH**

**78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS**

6'Lt., 359+22 = 15.6 SQ. FT.  
 6'Rt., 359+22 = 26.0 SQ. FT.  
 6'Lt., 359+52 = 15.6 SQ. FT.  
 6'Rt., 359+52 = 26.0 SQ. FT.  
**TOTAL = 83.2 SQ. FT.**

**78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"**

YELLOW CL. 336+51 ~ 356+20 = 490 FOOT  
 CL. 356+20 ~ 12'Lt., 359+71 = 708 FOOT  
 WHITE 11'Lt., 339+56 ~ 23'Lt., 359+74 = 2018 FOOT  
 CL. 359+02 ~ 359+74 = 72 FOOT  
**TOTAL = 3,288 FOOT**

**78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"**

28'Lt. ~ 15'Rt., 359+84 = 43 FOOT  
 33'Lt. ~ 20' Rt., 359+90 = 53 FOOT  
**TOTAL = 96 FOOT**

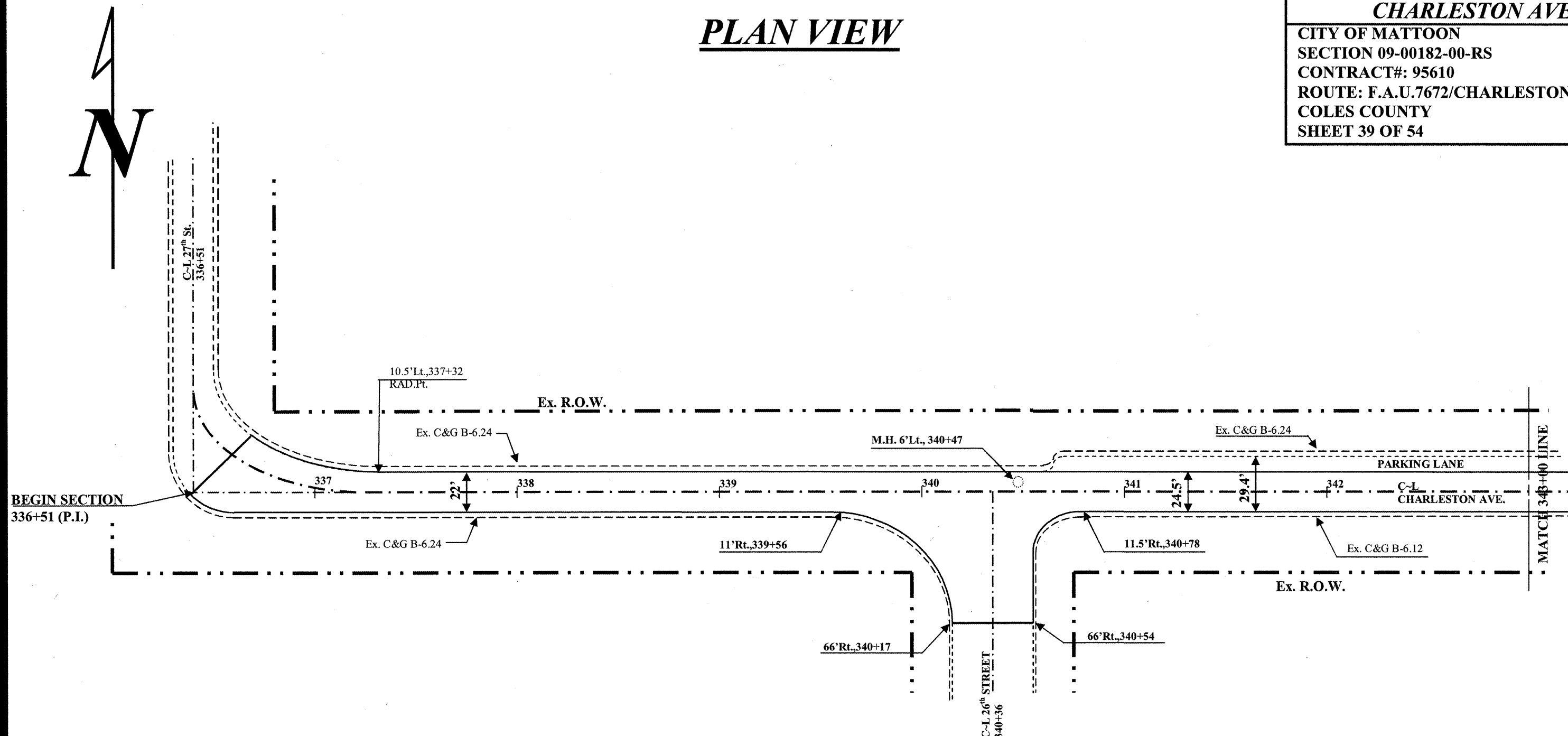
**78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"**

29'Rt., 340+36 ~ 340+54 = 18 FOOT  
 12.5'Lt. ~ 12.5' Rt., 359+79 = 25 FOOT  
**TOTAL = 43 FOOT**

# PLAN VIEW

## CHARLESTON AVE

CITY OF MATTOON  
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**X0325599 PARTIAL DEPTH PATCHING 2"**  
9.5'~11.5'Rt., 341+63 ~ 341+82 = 0.5 TON  
TOTAL= 0.5 TON

**40600625 LEVELING BINDER MM, N50**  
10'~56'Rt., 339+56 ~ 340+78 = 10 TON  
C~L., 336+51 (P.I.) ~ 10' Rt., 337+32 = 11 TON  
TOTAL = 21 TON

**40600982 HMA SURF REM BUTT JT (1-1/2")**  
56'~66'Rt., 340+16 ~ 340+54 = 42.2 SQ. YD.  
TOTAL= 42.2 SQ. YD.

**40603310 HMA SC C N50**  
C~L., 336+51 ~ 11' Rt., 337+32 = 22 TON  
11'~66'Rt., 339+56 ~ 340+78 = 25 TON  
TOTAL = 47 TON

**44001700 COMB C C&G REM & REPL**  
11.5'Rt., 341+55~341+83 = 28.0 FOOT  
TOTAL= 28.0 FOOT

**44201765 CLASS D PATCHES TY2, 10 INCH**  
2' ~ 10.5'Lt., 338+56 ~ 338+64 = 7.6 SQ. YD.  
TOTAL = 7.6 SQ. YD.

**44201771 CLASS D PATCHES TY4, 10 INCH**  
2Lt.' ~ 11.5'Rt., 338+49 ~ 338+60 = 16.5 SQ. YD.  
TOTAL= 16.5 SQ. YD.

**60300350 MAN FRAMES ADJUST**  
6' Lt., 340+47 = 1.0 EACH  
TOTAL = 1.0 EACH

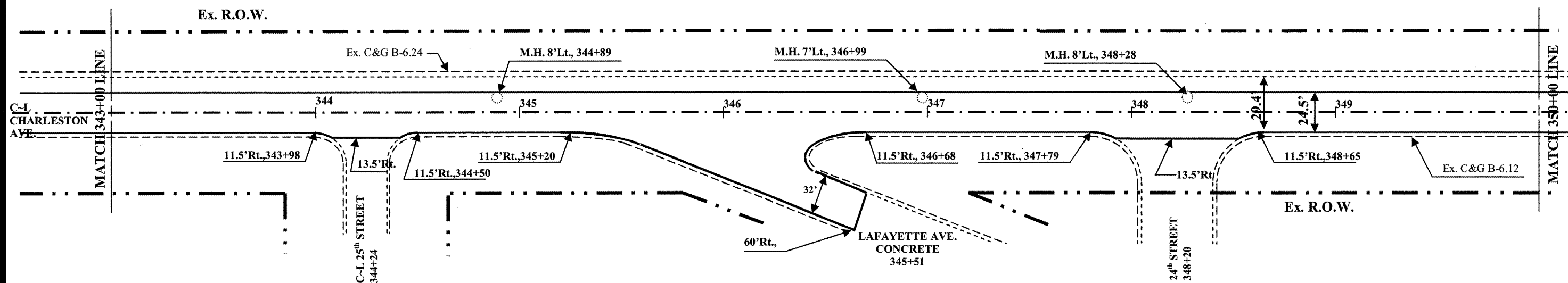
JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'



# PLAN VIEW

## CHARLESTON AVE

CITY OF MATTOON  
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COLES COUNTY  
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**40600625 LEVELING BINDER MM, N50**

10.5'~50'Rt., 345+20 ~ 346+68 = 11 TON  
TOTAL = 11 TON

**40603310 HMA SC C N50**

11.5'~13.5'Rt., 343+98 ~ 344+50 = 1 TON  
11.5'~60'Rt., 345+20 ~ 346+68 = 24 TON  
11.5'~13.5'Rt., 347+79 ~ 348+65 = 2 TON  
TOTAL= 27 TON

**44001700 COMB C C&G REM & REPL**

34'Lt., 348+53 ~ 21'Lt., 348+59 = 16 FOOT  
TOTAL= 16 FOOT

**60300350 MAN FRAMES ADJUST**

8' Lt., 344+89 = 1.0 EACH  
7' Lt., 346+99 = 1.0 EACH  
8' Lt., 348+28 = 1.0 EACH  
TOTAL= 3.0 EACH

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

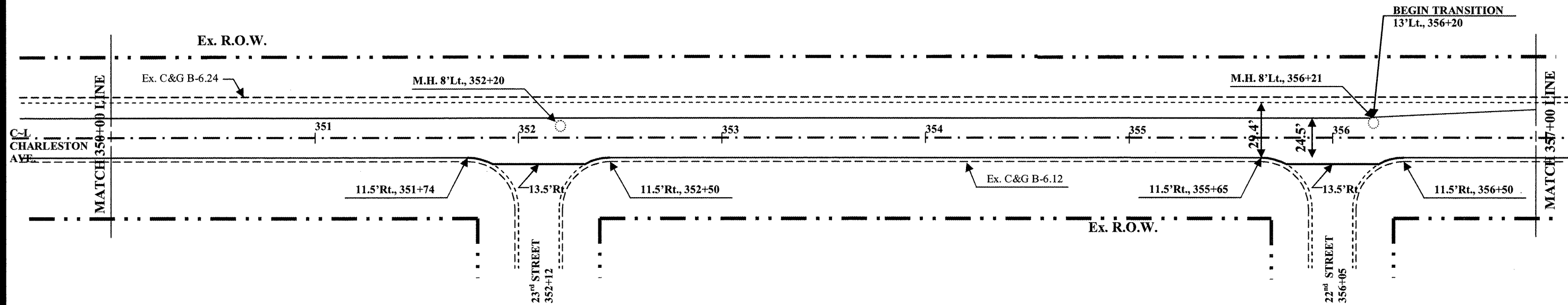




# PLAN VIEW

## CHARLESTON AVE

CITY OF MATTOON  
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COLES COUNTY  
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**40600625 LEVELING BINDER MM, N50**  
12'Lt., 356+20 ~ 12'-15.5'Lt. 357+00 = 1 TON  
TOTAL = 1 TON

**40603310 HMA SC C N50**  
11.5'~13.5'Rt., 351+74 ~ 352+50 = 2 TON  
11.5'~13.5'Rt., 355+65 ~ 356+50 = 2 TON  
13'Lt., 356+20 ~ 13'-16.5'Lt. 357+00 = 2 TON  
TOTAL = 6 TON

**44001700 COMB C C&G REM & REPL**  
11.5'Rt., 350+49 ~ 350+63 = 14.0 FOOT  
11.5'Rt., 355+71 ~ 355+76 = 5.0 FOOT  
TOTAL = 19.0 FOOT

**44201761 CLASS D PATCHES, TYPE 1, 10 INCH**  
14' ~ 19'Lt., 353+35 ~ 353+40 = 2.8 SQ.YD.  
TOTAL = 2.8 SQ.YD.

**44201765 CLASS D PATCHES, TYPE 2, 10 INCH**  
4'Lt. ~ 3'Rt., 353+35 ~ 353+42 = 5.4 SQ.YD.  
2'~12'Rt., 355+71 ~ 355+76 = 5.6 SQ.YD.  
TOTAL = 11.0 SQ.YD.

**60300350 MAN FRAMES ADJUST**  
8' Lt., 352+20 = 1.0 EACH  
8' Lt., 356+21 = 1.0 EACH  
TOTAL = 2.0 EACH

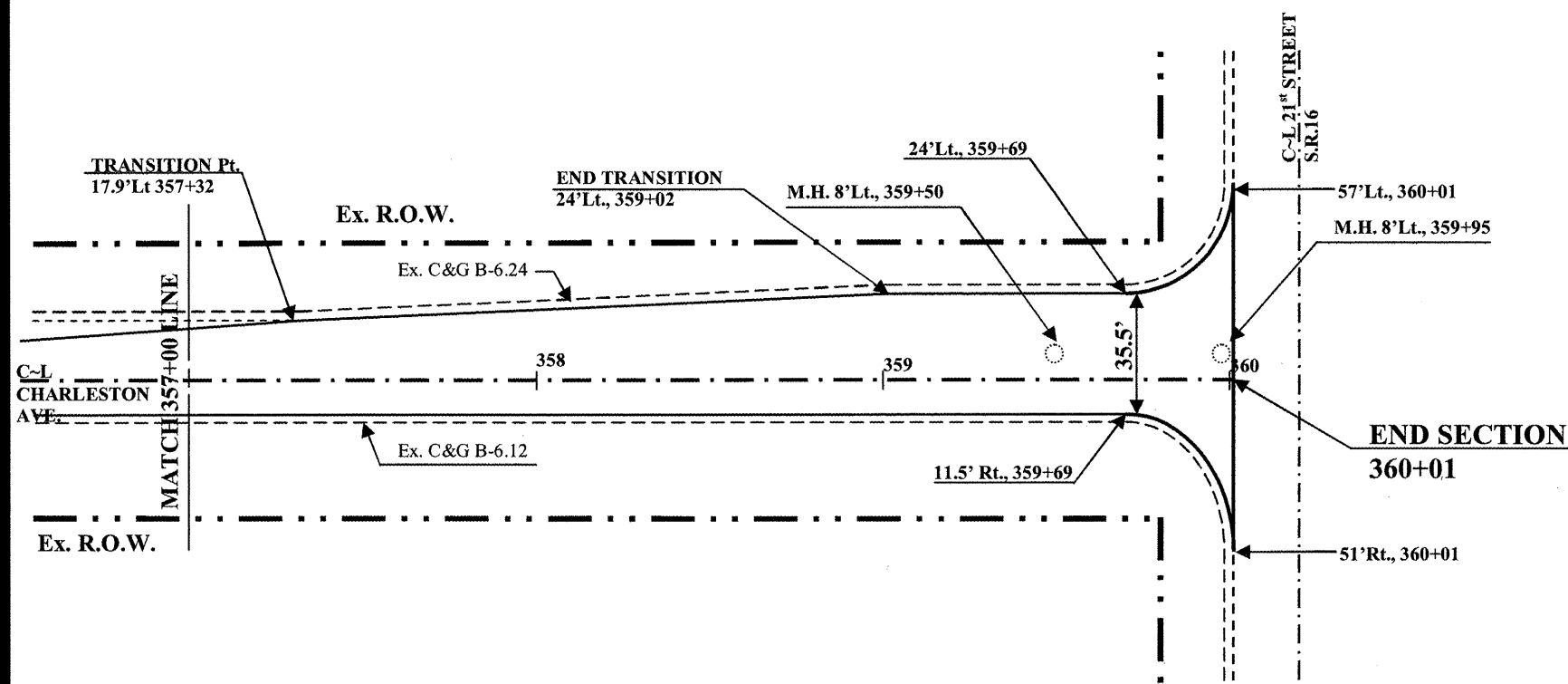
JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'



# PLAN VIEW

## CHARLESTON AVE

CITY OF MATTOON  
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<b>40600625 LEVELING BINDER MM, N50</b>	
12'-15.5' Lt., 357+00 ~ 12'-16.9' Lt., 357+32	= 1 TON
12'-16.9' Lt., 357+32 ~ 12'-23' Lt., 359+02	= 6 TON
12' - 23' Lt., 359+02 ~ 359+71	= 4 TON
<b>TOTAL</b>	<b>= 11 TON</b>

<b>40600982 HMA SURF REM BUTT JT (1-1/2")</b>	
24' Lt.~11.5'Rt., 359+71~57'Lt.~51'Rt., 360+01	= 161.3 SQ. YDS.
<b>TOTAL</b>	<b>= 161.3 SQ. YD.</b>

<b>40603310 HMA SC C N50</b>	
13'-16.5' Lt., 57+00 ~ 13'-17.9' Lt., 357+32	= 2 TON
13'-17.9' Lt., 357+32 ~ 13'-24' Lt., 359+02	= 11 TON
13' - 24' Lt., 359+02 ~ 360+01	= 10 TON
24' ~ 57' Lt., 359+69 ~ 360+01	= 2 TON
11.5' ~ 51' Rt., 359+69 ~ 360+01	= 2 TON
<b>TOTAL</b>	<b>= 27 TON</b>

<b>44001700 COMB C C&amp;G REM &amp; REPL</b>	
11.5'Rt., 357+86 ~ 357+95	= 9.0 FOOT
<b>TOTAL</b>	<b>= 9.0 FOOT</b>

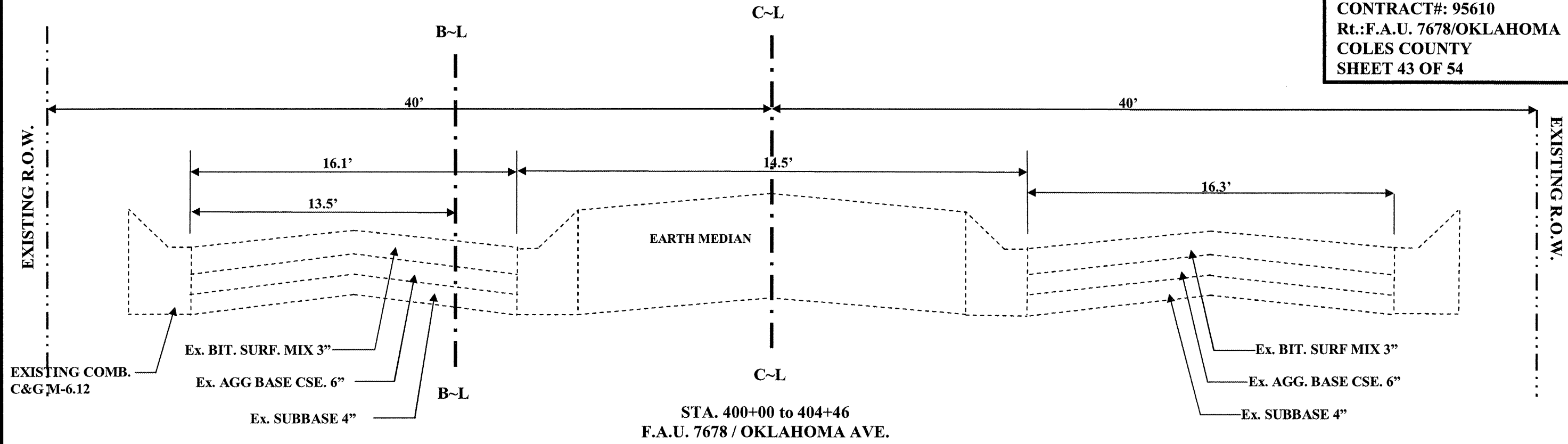
<b>44201769 CLASS D PATCHES, TYPE 3, 10 INCH</b>	
C~L ~ 11.5' Rt., 357+86 ~ 357+95	= 11.5 SQ. YDS.
<b>TOTAL</b>	<b>= 11.5 SQ. YDS.</b>

<b>60300350 MAN FRAMES ADJUST</b>	
8' Lt., 359+50	= 1.0 EACH
8' Lt., 359+95	= 1.0 EACH
<b>TOTAL</b>	<b>= 2.0 EACH</b>

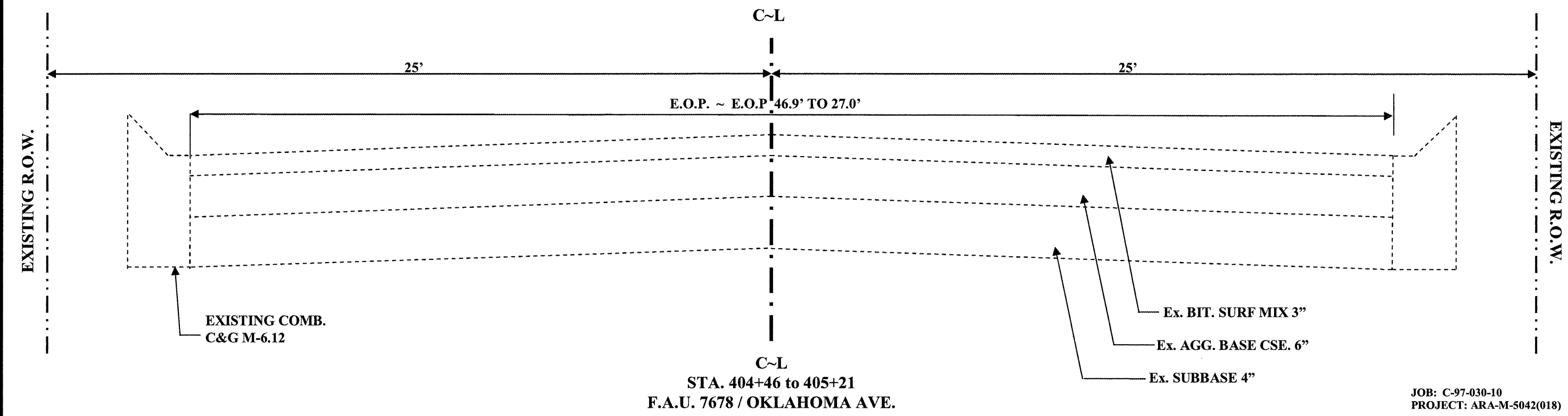
JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'

**EXISTING TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 Rt.: F.A.U. 7678/OKLAHOMA  
 COLES COUNTY  
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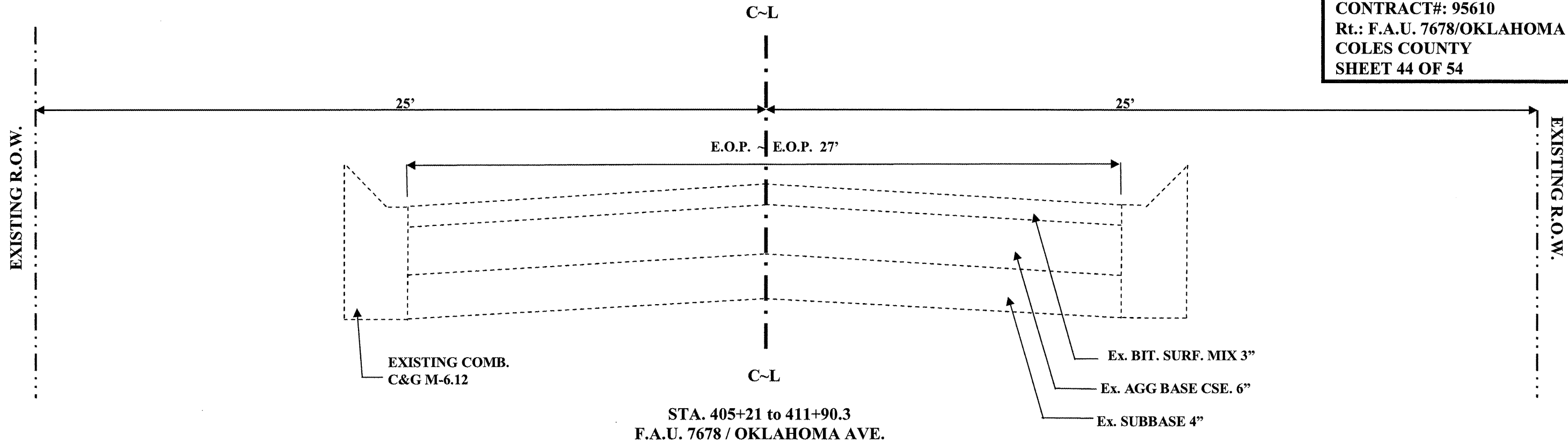
**EXISTING TYPICAL CROSS SECTIONS**



JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

***EXISTING TYPICAL CROSS SECTIONS***

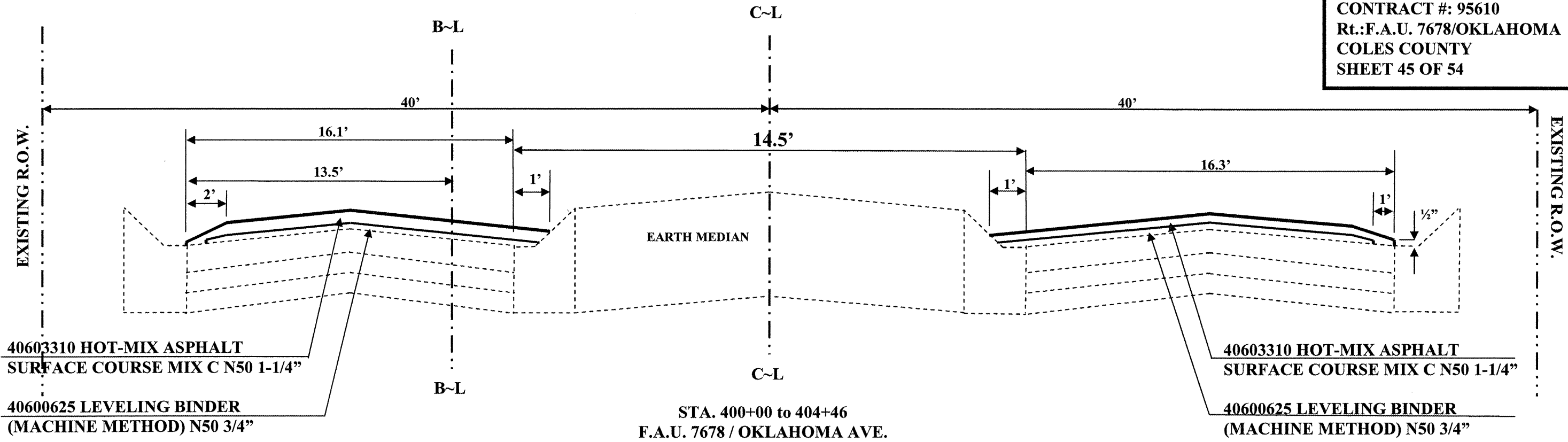
CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
Rt.: F.A.U. 7678/OKLAHOMA  
COLES COUNTY  
SHEET 44 OF 54



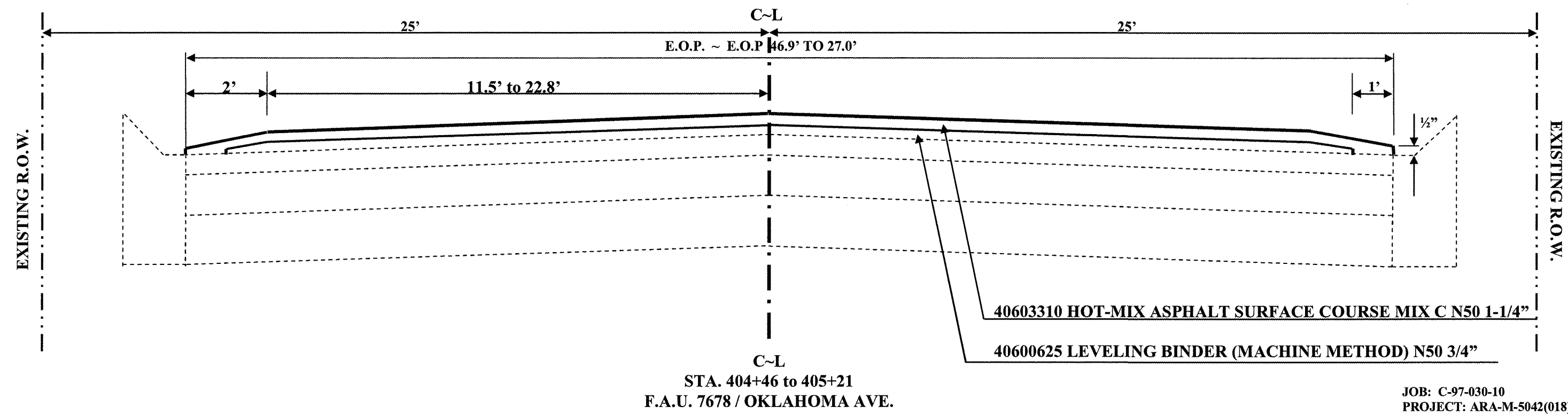
STA. 405+21 to 411+90.3  
F.A.U. 7678 / OKLAHOMA AVE.

**PROPOSED TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT #: 95610  
 Rt.: F.A.U. 7678/OKLAHOMA  
 COLES COUNTY  
 SHEET 45 OF 54

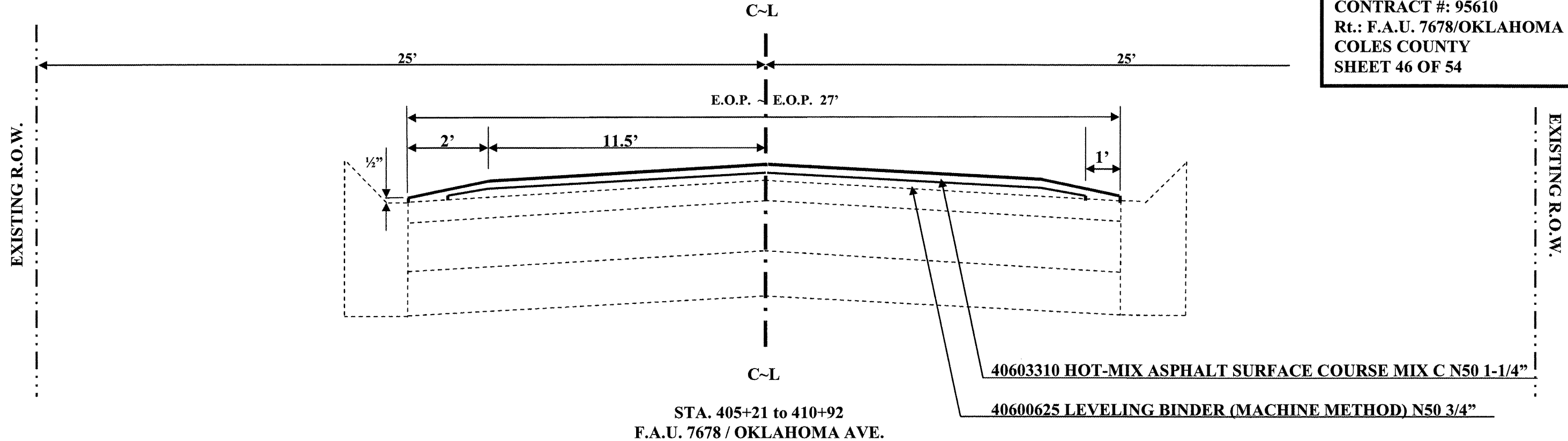


**PROPOSED TYPICAL CROSS SECTIONS**

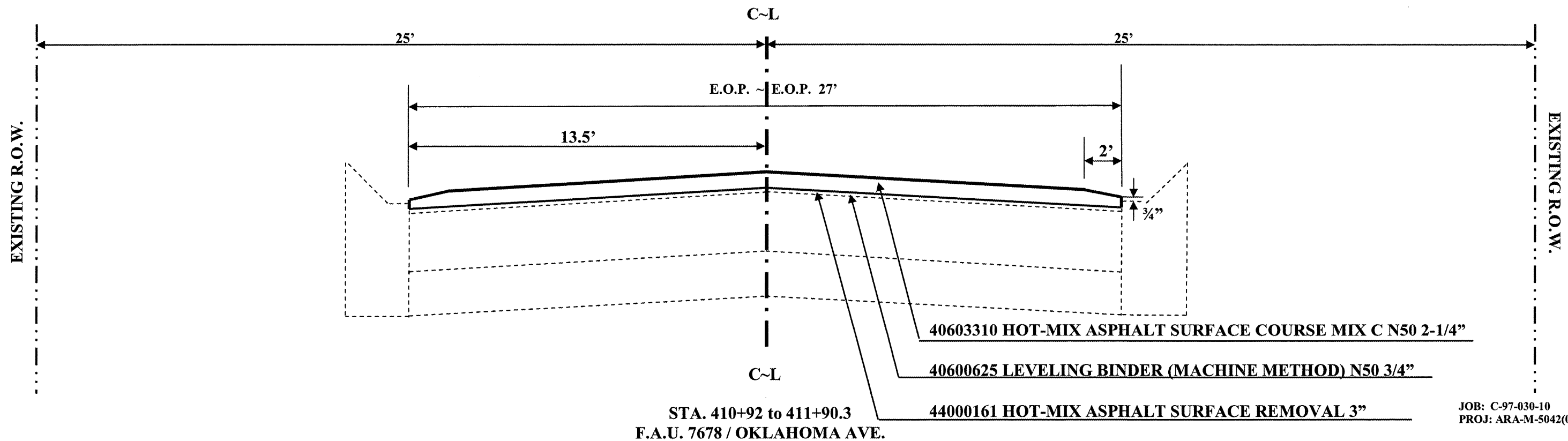


**PROPOSED TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT #: 95610  
 Rt.: F.A.U. 7678/OKLAHOMA  
 COLES COUNTY  
 SHEET 46 OF 54



**PROPOSED TYPICAL CROSS SECTIONS**



JOB: C-97-030-10  
 PROJ: ARA-M-5042(018)

# SCHEDULE OF QUANTITIES

## F.A.U. 7678 /OKLAHOMA AVE

**CITY OF MATTOON**

SECTION 09-00182-00-RS

ROUTE: F.A.U. 7678

OKLAHOMA AVE

JOB#: C-97-030-10

PROJ#: ARA-M-5042(018)

CONTRACT#: 95610

COLES COUNTY

SHEET 47 OF 54

**X0325599 PARTIAL DEPTH PATCHING 2"**

6' Lt. - 13' Lt., 400+40 ~ 400+50	= 1 TON
47' - 59' Lt., 411+16 ~ 411+21	= 1 TON
80' - 99' Lt., 411+16 ~ 411+21	= 1 TON
<b>TOTAL</b>	<b>= 3 TON</b>

**40600100 BITUMINOUS MATERIALS (PRIME COAT)**

Lt. ~ Rt., 400+00 ~ 411+90	= 228 GALLON
<b>TOTAL</b>	<b>= 228 GALLON</b>

**40600625 LEVELING BINDER (MACHINE METHOD), N50**

12.5' Lt. ~ 3.6' Rt., 400+25 ~ 405+24	= 34 TON
16.2' ~ 32.5' Rt., 400+25 ~ 12.5' Rt., 405+24	= 35 TON
3.6' ~ 16.2' Rt., 401+80 ~ 402+29	= 3 TON
3.6' ~ 16.2' Rt., 404+45 ~ 405+24	= 5 TON
13.5' ~ 50' Rt., 401+73 ~ 402+33	= 3 TON
13.5' ~ 46' Rt., 404+40 ~ 405+24	= 3 TON
12.5' Lt. ~ Rt., 405+24 ~ 410+92	= 65 TON
CL. ~ 45' Lt., 410+92 ~ 411+90	= 16 TON
CL. ~ 49' Rt., 410+92 ~ 411+90	= 16 TON
<b>TOTAL</b>	<b>= 180 TON</b>

**40600982 HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT**

13.5' Lt. - 33.5' Rt., 400+00 ~ 400+25	= 130.6 SQ. YDS.
50' - 60' Rt., 401+94 ~ 402+17	= 25.6 SQ. YDS.
46' - 56' Rt., 404+58 ~ 404+87	= 32.3 SQ. YDS.
<b>TOTAL</b>	<b>= 188.5 SQ. YDS.</b>

**40603310 HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50**

(1-1/4") 13.5' Lt. ~ 3.6' Rt., 400+00 ~ 405+24	= 69 TON
16.2' ~ 33.5' Rt., 400+00 ~ 12.5' Rt., 405+24	= 65 TON
3.6' ~ 16.2' Rt., 400+00 ~ 400+26	= 3 TON
33.5' ~ 60' Rt., 401+73 ~ 402+33	= 7 TON
3.6' ~ 16.2' Rt., 401+80 ~ 402+29	= 5 TON
3.6' ~ 16.2' Rt., 404+45 ~ 405+24	= 8 TON
33.5' ~ 56' Rt., 404+40 ~ 405+24	= 6 TON
13.5' Lt. ~ 13.5' Rt., 405+24 ~ 410+92	= 118 TON
(2-1/4") CL. ~ 45' Lt. & CL. ~ 49' Rt., 410+92 ~ 411+90	= 86 TON
<b>TOTAL</b>	<b>= 367 TON</b>

**44000161 HOT-MIX ASPHALT SURFACE REMOVAL 3"**

13.5' ~ 45' Lt., 410+92 ~ 411+61	= 134.8 SQ. YDS.
13.5' Lt. ~ Rt., 410+92 ~ 411+90	= 294.0 SQ. YDS.
13.5' ~ 49' Rt., 410+99 ~ 411+67	= 140.3 SQ. YDS.
<b>TOTAL</b>	<b>= 569.1 SQ. YDS.</b>

**60300310 FRAMES AND LIDS TO BE ADJUSTED SPECIAL**

12' Rt., 411+55	= 1.0 EACH
<b>TOTAL</b>	<b>= 1.0 EACH</b>

**60300350 MANHOLE FRAMES TO BE ADJUSTED**

BL, 401+04	= 1.0 EACH
BL, 402+10	= 1.0 EACH
BL, 404+72	= 1.0 EACH
BL, 405+62	= 1.0 EACH
BL, 408+24	= 1.0 EACH
<b>TOTAL</b>	<b>= 5.0 EACH</b>

**78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"**

11' Lt., 410+92 ~ 37' Lt., 411+16	= 32 FOOT
11' Rt., 410+99 ~ 49' Rt., 411+18	= 32 FOOT
37' Lt., 411+42 ~ 11' Lt., 411+61	= 32 FOOT
42' Rt., 411+42 ~ 11' Rt., 411+67	= 32 FOOT
<b>TOTAL</b>	<b>= 128 FOOT</b>

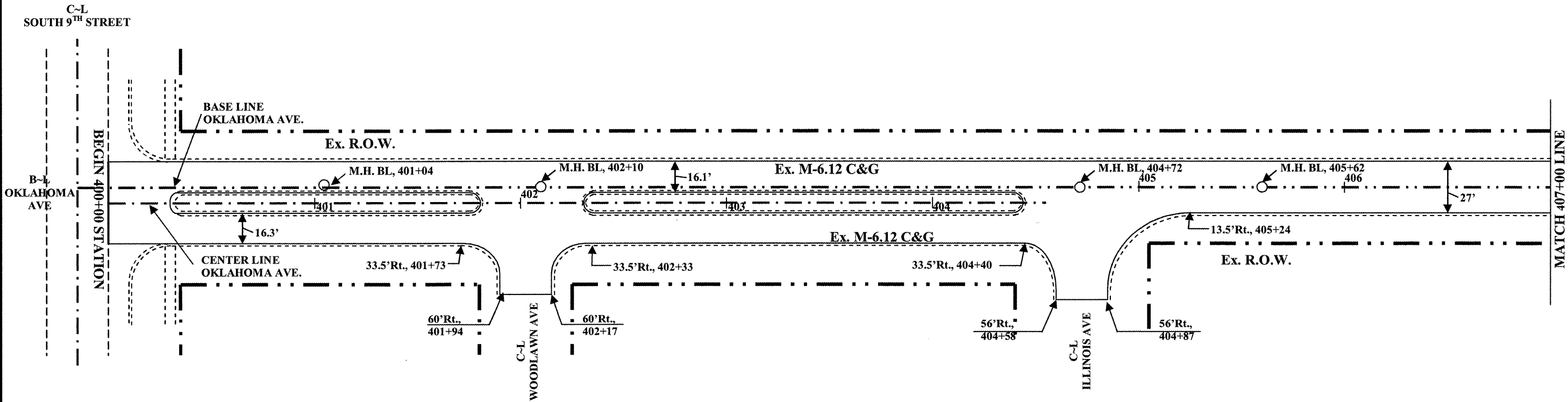
**78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"**

13.5' Lt. ~ 33.5' Rt., 400+23	= 47 FOOT
13.5' Lt. ~ 33.5' Rt., 400+29	= 47 FOOT
40' Rt., 401+83 ~ 402+23	= 40 FOOT
46' Rt., 401+85 ~ 402+21	= 36 FOOT
40' Rt., 404+50 ~ 404+90	= 40 FOOT
46' Rt., 404+52 ~ 404+88	= 36 FOOT
18' Lt. ~ Rt., 410+00	= 36 FOOT
20' Lt. ~ Rt., 410+06	= 40 FOOT
16' Lt., 410+00 ~ 410+50	= 40 FOOT
22' Lt., 410+12 ~ 410+48	= 36 FOOT
16' Rt., 410+00 ~ 410+50	= 40 FOOT
22' Rt., 410+00 ~ 410+50	= 36 FOOT
20' Lt. ~ Rt., 411+48	= 40 FOOT
18' Lt. ~ Rt., 411+54	= 36 FOOT
<b>TOTAL</b>	<b>= 550 FOOT</b>

**78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"**

13.5' Lt. ~ 2.6' Rt., 400+34	= 16 FOOT
52' Rt., 402+03 ~ 402+17	= 14 FOOT
51' Rt., 404+73 ~ 404+87	= 14 FOOT
CL. ~ 15' Rt., 411+05	= 15 FOOT
CL. ~ 15' Lt., 411+59	= 15 FOOT
27' Lt., 411+14 ~ 411+29	= 15 FOOT
27' Rt., 411+29 ~ 411+44	= 15 FOOT
<b>TOTAL</b>	<b>= 104 FOOT</b>

**PLAN VIEW**



<b>X0325599 PARTIAL DEPTH PATCH 2</b>	
6' Lt. - 13' Lt., 400+40 ~ 400+50	= 1.0 TON
<b>TOTAL</b>	<b>= 1.0 TON</b>

<b>40600625 LEVELING BINDER MM, N50</b>	
12.5' Lt. ~ 3.6' Rt., 400+25 ~ 405+24	= 34 TON
16.2' ~ 32.5' Rt., 400+25 ~ 12.5' Rt., 405+24	= 35 TON
3.6' ~ 16.2' Rt., 401+80 ~ 402+29	= 3 TON
3.6' ~ 16.2' Rt., 404+45 ~ 405+24	= 5 TON
13.5' ~ 50' Rt., 401+73 ~ 402+33	= 3 TON
13.5' ~ 46' Rt., 404+40 ~ 405+24	= 3 TON
<b>TOTAL</b>	<b>= 83 TON</b>

<b>40600982 HMA SURF REM BUTT JT</b>	
13.5' Lt. - 33.5' Rt., 400+00 ~ 400+25	= 130.6 SQ. YDS.
50' - 60' Rt., 401+94 ~ 402+17	= 25.6 SQ. YDS.
46' - 56' Rt., 404+58 ~ 404+87	= 32.3 SQ. YDS.
<b>TOTAL</b>	<b>= 188.5 SQ. YDS.</b>

<b>40603310 HMA SC C N50 (1-1/4")</b>	
13.5' Lt. ~ 3.6' Rt., 400+00 ~ 405+24	= 69 TON
16.2' ~ 33.5' Rt., 400+00 ~ 12.5' Rt., 405+24	= 65 TON
3.6' ~ 16.2' Rt., 400+00 ~ 400+26	= 3 TON
33.5' - 60' Rt., 401+73 ~ 402+33	= 7 TON
3.6' ~ 16.2' Rt., 401+80 ~ 402+29	= 5 TON
3.6' ~ 16.2' Rt., 404+45 ~ 405+24	= 8 TON
33.5' - 56' Rt., 404+40 ~ 405+24	= 6 TON
<b>TOTAL</b>	<b>= 163 TON</b>

<b>60300350 MAN FRAMES ADJUST</b>	
BL, 401+04	= 1.0 EACH
BL, 402+10	= 1.0 EACH
BL, 404+72	= 1.0 EACH
BL, 405+62	= 1.0 EACH
<b>TOTAL</b>	<b>= 4.0 EACH</b>

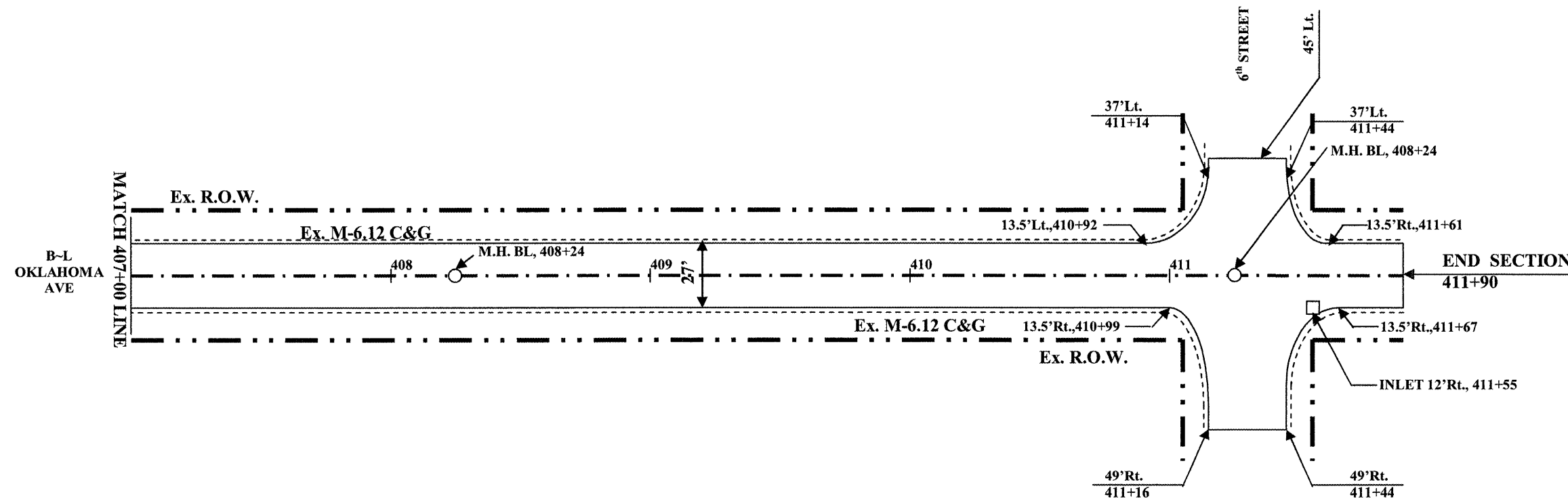
JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)  
 SCALE: 1" = 50'





# PLAN VIEW

**OKLAHOMA AVE**  
**CITY OF MATTOON**  
**SECTION 09-00182-00-RS**  
**CONTRACT#: 95610**  
**ROUTE: 7678/OKLAHOMA**  
**COLES COUNTY**  
**SHEET 49 OF 54**



<b>X0325599 PARTIAL DEPTH PATCH 2</b>		
47' - 59' Lt., 411+16 ~ 411+21	=	1 TON
80' - 99' Lt., 411+16 ~ 411+21	=	1 TON
<b>TOTAL</b>	=	<b>2 TON</b>

<b>44000161 HMA SURFACE REMOVAL 3"</b>		
13.5' ~ 45' Lt., 410+92 ~ 411+61	=	134.8 SQ. YDS.
13.5' ~ 49' Rt., 410+99 ~ 411+67	=	140.3 SQ. YDS.
13.5' Lt. ~ Rt., 410+92 ~ 411+90	=	294.0 SQ. YDS.
<b>TOTAL</b>	=	<b>569.1 SQ. YDS.</b>

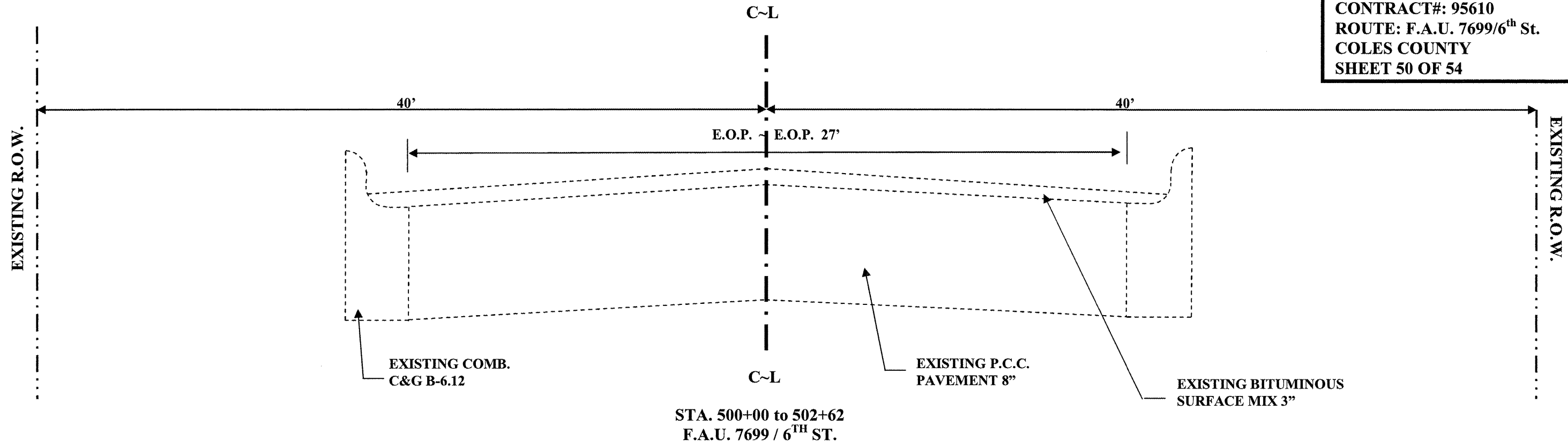
<b>60300310 FR &amp; LIDS ADJUST SPL</b>		
12'Rt., 411+55	=	1.0 EACH
<b>TOTAL</b>	=	<b>1.0 EACH</b>

<b>60300350 MAN FRAMES ADJUST</b>		
BL, 408+24	=	1.0 EACH
<b>TOTAL</b>	=	<b>1.0 EACH</b>

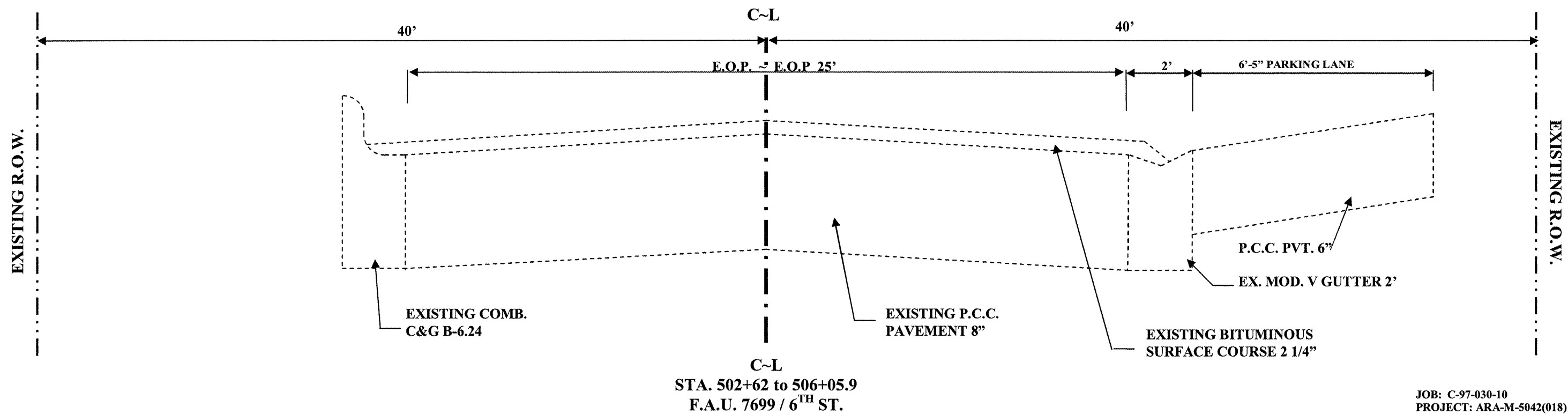
JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)  
 SCALE: 1" = 50'

**EXISTING TYPICAL CROSS SECTIONS**

CITY OF MATTOON  
 SECTION 09-00182-00-RS  
 CONTRACT#: 95610  
 ROUTE: F.A.U. 7699/6<sup>th</sup> St.  
 COLES COUNTY  
 SHEET 50 OF 54



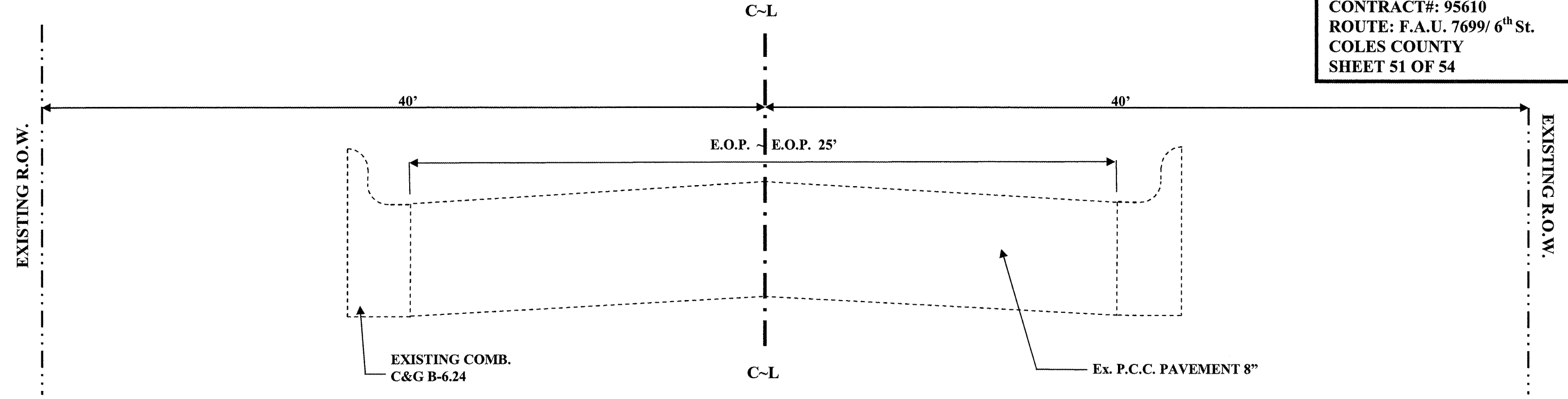
**EXISTING TYPICAL CROSS SECTIONS**



JOB: C-97-030-10  
 PROJECT: ARA-M-5042(018)

***EXISTING TYPICAL CROSS SECTIONS***

CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U. 7699/ 6<sup>th</sup> St.  
COLES COUNTY  
SHEET 51 OF 54



STA. 506+05.9 to 510+38  
F.A.U. 7699 / 6<sup>th</sup> STREET



# SCHEDULE OF QUANTITIES

## F.A.U. 7699 / 6<sup>TH</sup> STREET

**CITY OF MATTOON**

SECTION 09-00182-00-RS

ROUTE: F.A.U. 7699

6<sup>TH</sup> STREET

JOB#: C-97-030-10

PROJ#: ARA-M-5042(018)

CONTRACT#: 95610

COLES COUNTY

SHEET 53 OF 54

X0325599 PARTIAL DEPTH PATCHING 2"

9.5'~13.5' Rt., 500+18 ~ 500+52 = 2 TON  
 TOTAL = 2 TON

40600100 BITUMINOUS MATERIALS (PRIME COAT)

Lt.~Rt., 500+00~506+05.5 = 96 GALLON  
 TOTAL = 96 GALLON

40600625 LEVELING BINDER (MACHINE METHOD), N50

12.5' Lt. - Rt., 500+25 ~ 502+10 = 22 TON  
 11.5' Lt. - Rt., 502+74 ~ 505+93 = 34 TON  
 12.5'~21'Rt., 502+96 ~ 505+90 = 12 TON  
 TOTAL = 68 TON

40600982 HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT (1-1/4)

13.5'Lt. ~ Rt., 500+00 ~ 500+25 = 75.0 SQ. YDS.  
 13.5'Lt. ~ Rt., 502+10 ~ 502+22 = 36.0 SQ. YDS.  
 12.5'Lt. ~ Rt., 502+62 ~ 502+74 = 33.3 SQ. YDS.  
 12.5'Lt. ~ Rt., 505+93 ~ 506+05.5 = 34.7 SQ. YDS.  
 TOTAL = 179.0 SQ. YDS.

40603310 HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50

13.5 Lt. - Rt., 500+00 ~ 502+22 = 47 TON  
 4 RADIUS @ BROADWAY AVE = 2 TON  
 12.5' Lt. - Rt., 502+62 ~ 506+05.5 = 66 TON  
 12.5'~21'Rt., 502+96 ~ 505+90 = 20 TON  
 TOTAL = 135 TON

44001700 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

13.5'Rt., 500+22 ~ 500+58 = 36 FOOT  
 19'Rt., 502+64 ~ 14'Rt., 502+86 = 24 FOOT  
 TOTAL = 60 FOOT

44201765 CLASS D PATCHES, TYPE 2, 10 INCH

C~L - 13.5'Lt., 500+48 ~ 500+53 = 7.5 SQ. YDS.  
 C~L - 13.5'Rt., 501+13 ~ 501+17 = 6.0 SQ. YDS.  
 TOTAL = 13.5 SQ. YDS.

60300350 MANHOLE FRAMES TO BE ADJUSTED

C~L, 502+89 = 1.0 EACH  
 18' Rt., 503+91 = 1.0 EACH  
 TOTAL = 2.0 EACH

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

YELLOW CL.500+00~502+22 = 50 FOOT  
 CL 502+62~506+05.5 = 80 FOOT

WHITE 12.5'Rt., 502+96~505+90 = 294 FOOT  
 12.5'~21'Rt., 503+03 = 8.5 FOOT  
 12.5'~21'Rt., 503+23 = 8.5 FOOT  
 12.5'~21'Rt., 503+43 = 8.5 FOOT  
 12.5'~21'Rt., 503+63 = 8.5 FOOT  
 12.5'~21'Rt., 503+83 = 8.5 FOOT  
 12.5'~21'Rt., 504+03 = 8.5 FOOT  
 12.5'~21'Rt., 504+23 = 8.5 FOOT  
 12.5'~21'Rt., 504+43 = 8.5 FOOT  
 12.5'~21'Rt., 504+63 = 8.5 FOOT  
 12.5'~21'Rt., 504+83 = 8.5 FOOT  
 12.5'~21'Rt., 505+03 = 8.5 FOOT  
 12.5'~21'Rt., 505+23 = 8.5 FOOT  
 12.5'~21'Rt., 505+43 = 8.5 FOOT  
 12.5'~21'Rt., 505+63 = 8.5 FOOT  
 TOTAL = 543 FOOT

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

13.5'Lt.~Rt., 501+91 = 27 FOOT  
 13.5'Lt.~Rt., 501+97 = 27 FOOT  
 12.5'Lt.~Rt., 502+87 = 25 FOOT  
 12.5'Lt.~Rt., 502+93 = 25 FOOT  
 TOTAL = 104 FOOT

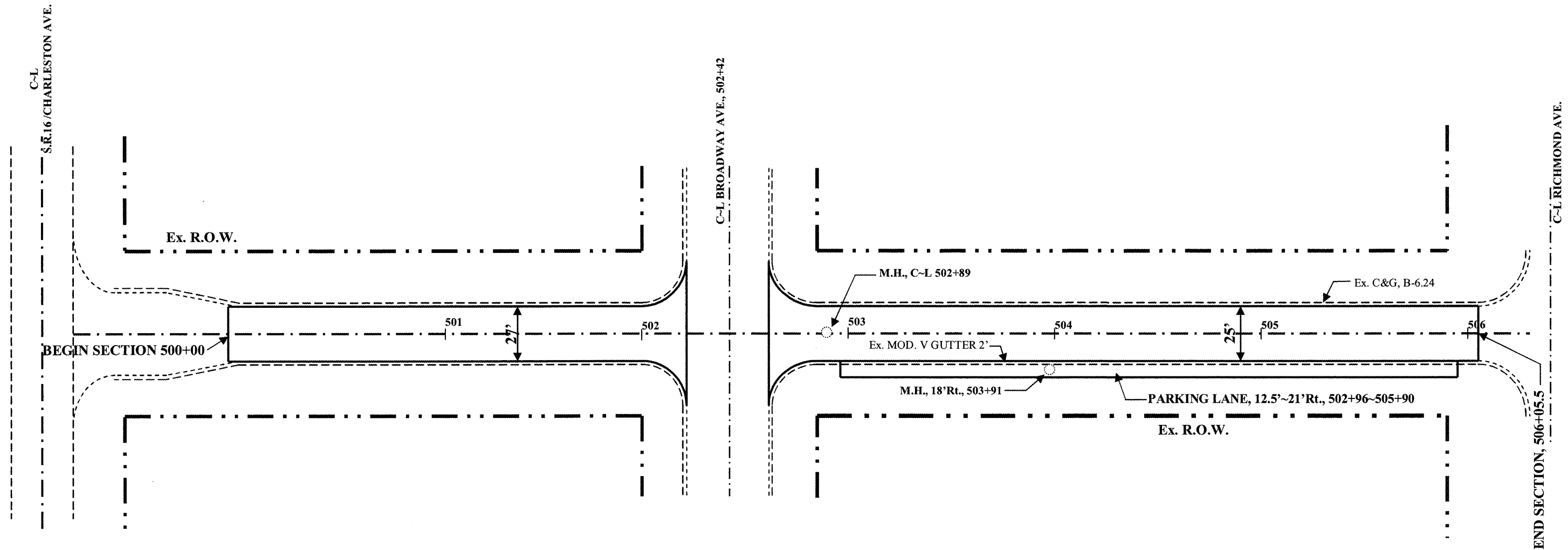
78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

CL~13.5'Lt., 501+85 = 13.5 FOOT  
 CL~13.5'Rt., 502+98 = 13.5 FOOT  
 TOTAL = 27.0 FOOT

# PLAN VIEW

**6<sup>th</sup> STREET**

**CITY OF MATTOON  
SECTION 09-00182-00-RS  
CONTRACT#: 95610  
ROUTE: F.A.U. 7699/6<sup>th</sup> St.  
COLES COUNTY  
SHEET 54 OF 54**



**X0325599 PARTIAL DEPTH PATCHING 2"**  
9.5'~13.5' Rt., 500+18 ~ 500+52 = 2 TON  
TOTAL = 2 TON

**40600982 HMA SURF REM BUTT JT (1-1/4")**  
13.5' Lt. ~ Rt., 500+00 ~ 500+25 = 75.0 SQ. YDS.  
13.5' Lt. ~ Rt., 502+10 ~ 502+22 = 36.0 SQ. YDS.  
12.5' Lt. ~ Rt., 502+62 ~ 502+74 = 33.3 SQ. YDS.  
12.5' Lt. ~ Rt., 505+93 ~ 506+05.5 = 34.7 SQ. YDS.  
TOTAL = 179.0 SQ. YDS.

**44001700 COMB C C&G REM & REPL**  
13.5' Rt., 500+22 ~ 500+58 = 36 FOOT  
19' Rt., 502+64 ~ 14' Rt., 502+86 = 24 FOOT  
TOTAL = 60 FOOT

**60300350 MAN FRAMES ADJUST**  
C-L, 502+89 = 1 EACH  
18' Rt., 503+91 = 1 EACH  
TOTAL = 2 EACH

**40600625 LEVELING BINDER MM. N50**  
12.5'~21'Rt., 502+96 ~ 505+90 = 12 TON  
12.5' Lt. - Rt., 500+25 ~ 502+10 = 22 TON  
11.5' Lt. - Rt., 502+74 ~ 505+93 = 34 TON  
TOTAL = 68 TON

**40603310 HMA SC C N50**  
12.5'~21'Rt., 502+96 ~ 505+90 = 20 TON  
13.5 Lt. - Rt., 500+00 ~ 502+22 = 47 TON  
4 RADIUS @ BROADWAY AVE = 2 TON  
12.5' Lt. - Rt., 502+62 ~ 506+05.5 = 66 TON  
TOTAL = 135 TON

**44201765 CLASS D PATCHES, TYPE 2, 10 INCH**  
C-L - 13.5' Lt., 500+48 ~ 500+53 = 7.5 SQ. YD.  
C-L - 13.5' Rt., 501+13 ~ 501+17 = 6.0 SQ. YD.  
TOTAL = 13.5 SQ. YD.

**40600100 BIT MATLS PR CT**  
Lt. - Rt., 500+00 ~ 506+05.5 = 96 GALLON  
TOTAL = 96 GALLON

JOB: C-97-030-10  
PROJECT: ARA-M-5042(018)  
SCALE: 1" = 50'