

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, FEDERAL AID PROJECT
SECTION 05-00143-00-RS

CITY OF MATTOON
SECTION 05-00143-00-RS
SHEET 1 OF 43

ROUTE: F.A.U. 7671 / BROADWAY AVENUE
F.A.U. 7700 / LOGAN AVENUE
F.A.U. 7675 / LAFAYETTE AVENUE
F.A.U. 7669 / HOLIDAY DRIVE
F.A.U. 7670 / WESTERN AVENUE

JOB: C-97-060-06 PROJECT: M-5042(14) CONTRACT#: 95479
COLES COUNTY

INDEX OF SHEETS

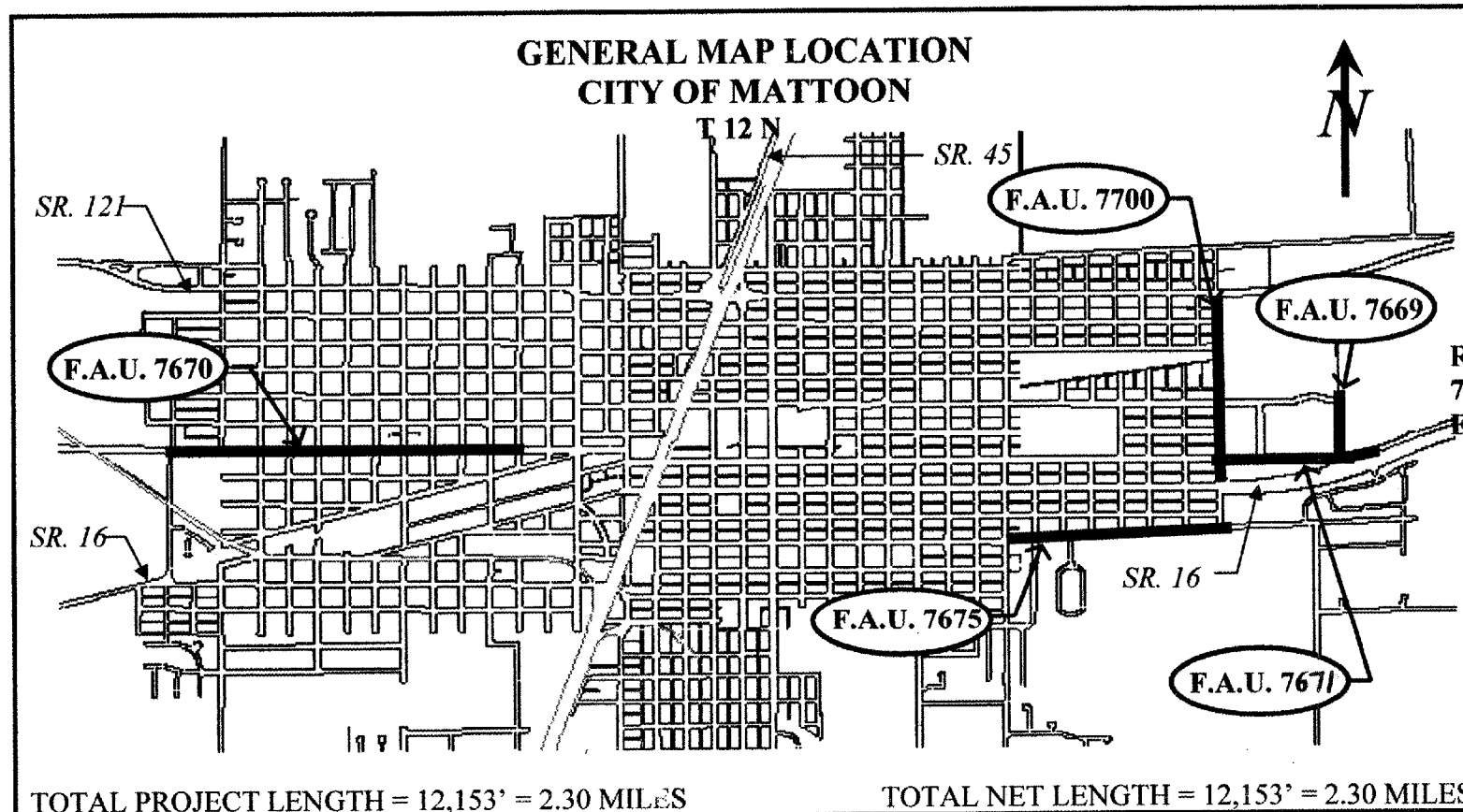
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LIST OF STANDARDS

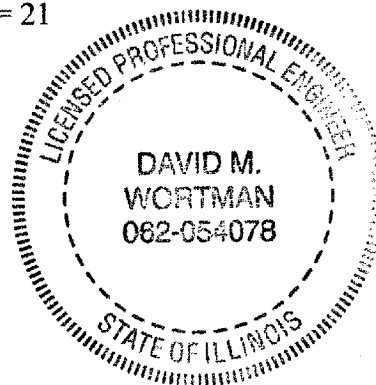
- 000001-04
- 442201-01
- 701301-02
- 701306-01
- 701311-02
- 701501-03
- 702001-06
- 780001-01

BEGINNING AND ENDING STATIONS

F.A.U. 7671	0+00 ~ 21+41
F.A.U. 7700	120+74 ~ 147+63
F.A.U. 7675	0+15 ~ 29+24
F.A.U. 7669	0+52 ~ 8+73
F.A.U. 7670	45+69 ~ 81+62

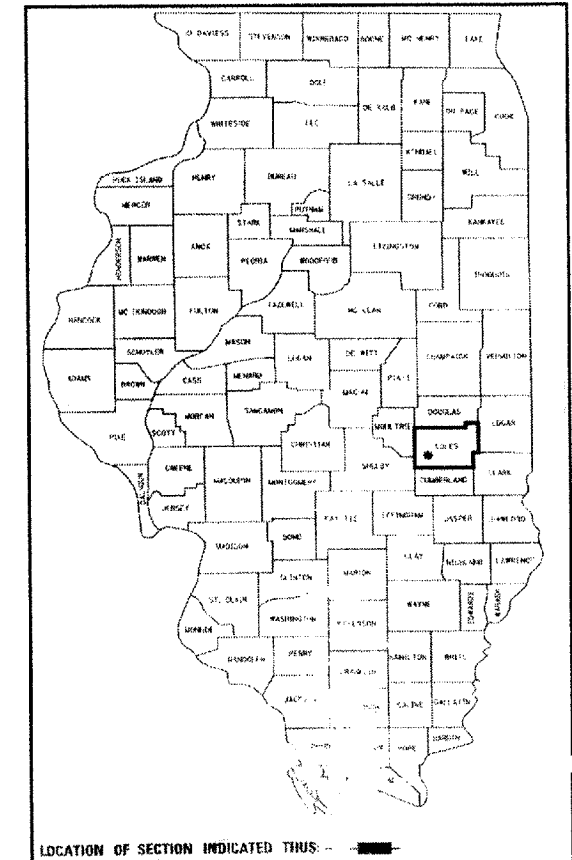


FUNCTION CLASS : URBAN COLLECTOR
ADT : P.V. = 4435 S.U. = 64 M.U. = 21
DESIGN SPEED : 30 MPH



David M. Wortman
David M. Wortman
Registered P.E.
Ill No. 062-054078
Expires 11-30-07
Date 5-11-06

CITY OF MATTOON
208 N. 19TH STREET
MATTOON, IL. 61938



APPROVED 5-11-06 2006
David M. Wortman
CITY ENGINEER

PASSED 7/19 20 06
Markus Elwell
DISTRICT SEVEN ENGINEER
OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review 7/19 20 06
Christie M. Reed
DEPUTY DIRECTOR OF HIGHWAYS,
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF MATTOON
SECTION 05-00143-00-RS
VARIOUS F.A.U. ROUTES
JOB#: C-97-060-06
PROJECT#: M5042(14)
CONTRACT #: 95479
COLES COUNTY
SHEET 2 OF 43

GENERAL NOTES:

THIS PROJECT SHALL BE CONSTRUCTED TO THE LINES AND GRADES AS SHOWN ON THE PLANS, OR AS DETERMINED BY THE ENGINEER. AT ANY TIME THE CONTRACTOR INCURS ADDITIONAL COST CONSTRUCTING THIS PROJECT TO THE LINES AND GRADES ON THE PLANS, OR AS DETERMINED BY THE ENGINEER, SUCH COST SHALL BE INCIDENTAL TO THE PAY ITEM INVOLVED.

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

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 INCIDENTAL TO 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 INCIDENTAL TO THE COST OF THE PAY ITEMS INVOLVED.

PAVEMENT MARKINGS SHALL BE APPLIED TO THE FINAL BITUMINOUS SURFACE COURSE SURFACES, EXCEPT AT THE LOCATIONS SHOWN AND NOTED ON THE PAVEMENT STRIPPING DETAIL SHEETS.

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 INCIDENTAL TO 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 INCIDENTAL TO 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.

ANY UNSUITABLE MATERIALS OR EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR AND AS DIRECTED BY THE ENGINEER. NO PAYMENT WILL BE MADE FOR OVERHAUL ON ANY MATERIAL FROM ANY SOURCE ON THIS PROJECT.

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.

SECTION 05-00143-00-RS MIX DESIGNS

F.A.U. 7669/HOLIDAY DRIVE MIXTURE REQUIREMENTS

LOCATION	HOLIDAY DRIVE, 0+52 ~ 8+73	HOLIDAY DRIVE, 0+52 ~ 7+33
MIXTURE USE	SURFACE	LEVEL BINDER
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

F.A.U. 7671/ BROADWAY AVE. EAST MIXTURE REQUIREMENTS

LOCATION	BROADWAY AVE. E., 0+00~21+41	BROADWAY A. E.,19+25~21+11
MIXTURE USE	SURFACE	LEVEL BINDER
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 D	MIX C

UNUED GENERAL NOTES:

LOGAN AVE. MIXTURE REQUIREMENTS

	LOGAN AVE. 120+74 ~ 147+63
SE	SURFACE
	PG 64-22
X)**	15%
R VOIDS	4.0 % @ Ndes = 50
OSITION	IL 9-5
N MIX)	
GGREGATE	MIX D

LAFAYETTE AVE. MIXTURE REQUIREMENTS

	LAFAYETTE AVE., 0+15 ~ 29+24
SE	SURFACE
	PG 64-22
X)**	15%
R VOIDS	4.0 % @ Ndes = 50
OSITION	IL 9-5
N MIX)	
GGREGATE	MIX C

WESTERN AVE. MIXTURE REQUIREMENTS

	WESTERN AVE., 45+69 ~ 81+62
SE	SURFACE
	PG 64-22
X)**	15%
R VOIDS	4.0 % @ Ndes = 50
OSITION	IL 9-5
N MIX)	
GGREGATE	MIX D

F.A.U.7675/ & F.A.U.7669

MIXTURE REQUIREMENTS

	ALL PATCHING LOCATIONS
SE	PATCHING
	PG 64-22
X)**	25%
R VOIDS	4.0% @ Ndes = 50
SITIONS	IL 19.0
N MIX)	
GGREGATE	N.A.

CITY OF MATTOON
SECTION 05-00143-00-RS
VARIOUS F.A.U. ROUTES
JOB#: C-97-060-06
PROJECT#: M5042(14)
CONTRACT #: 95479
COLES COUNTY
SHEET 3 OF 43

SUMMARY OF QUANTITIES

ITEM #	PAY ITEM	UNIT	1000 QUANTITY
X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	727.0
X4066424	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	TON	2,005.0
X4066765	LEVEL BINDER (MACHINE METHOD), SUPERPAVE N50	TON	134.0
20200500	EARTH EXCAVATION (WIDENING)	CU.YD.	85.4
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,760.0
40600300	AGGREGATE (PRIME COAT)	TON	39.5
40600980	BITUMINOUS SURFACE REMOVAL BUTT-JOINT	SQ.YD.	1,566.0
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	30.1
44000001	BITUMINOUS SURFACE REMOVAL 1/4"	SQ.YD.	7,031.0
44000100	PAVEMENT REMOVAL	SQ.YD.	19.0
44201761	CLASS D PATCHES TYPE I, 10 INCH	SQ.YD.	263.3
44201765	CLASS D PATCHES TYPE II, 10 INCH	SQ.YD.	231.8
44201769	CLASS D PATCHES TYPE III, 10 INCH	SQ.YD.	74.9
44201771	CLASS D PATCHES TYPE IV, 10 INCH	SQ.YD.	29.3
48202400	BITUMINOUS SHOULDERS SUPERPAVE 6"	SQ.YD.	516.0
56109210	WATER VALVES TO BE ADJUSTED	EACH	1.0
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	11.0
67100100	MOBILIZATION	LUMP SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LUMP SUM	1.0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LUMP SUM	1.0
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2,000.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ.FT.	667.0
78000100 *	THERMOPLASTIC PAVEMENT MARKING-LETTER & SYMBOL	SQ.FT.	324.6
78000200 *	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	27,204.0
78000400 *	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	427.8
78000650 *	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FOOT	321.3

* SPECIALTY ITEMS

P.E., C.E., PARKING LOT, & TWO (2) FOOT OR LESS TAPER DETAIL

CITY OF MATTOON
 SECTION: 05-00143-00-RS
 CONTRACT: 95479
 F.A.U. 7671 / BROADWAY AVE. EAST
 F.A.U. 7700 / LOGAN AVE.
 F.A.U. 7675 / LAFAYETTE AVE.
 F.A.U. 7669 / HOLIDAY DRIVE
 F.A.U. 7670 / WESTERN AVE.
 COLES COUNTY
 SHEET 4 OF 43

LEFT AND RIGHT LANES

LOCATIONS:

F.A.U. 7675 / LAFAYETTE AVE.

<u>Type</u>	<u>Location</u>	<u>Taper Length</u>
P.E.	Rt. 1+30	0'
P.E.	Lt. 1+73	0'
P.E.	Rt. 1+83	0'
P.E.	Rt. 2+12	0'
P.E.	Lt. 2+76	0'
Lafayette Meadows	Rt. 3+97	2'
P.E.	Rt. 5+46	2'
Double P.E.	Rt. 6+86	2'
4 th Street	Lt. 7+72	2'
P.E.	Lt. 8+85	2'
3 rd Street	Lt. 11+47	2'
P.E.	Lt. 12+88	2'
P.E.	Lt. 14+60	2'
2 nd Street	Lt. 15+24	2'
P.E.	Rt. 15+24	0'
P.E.	Rt. 16+61	2'
DOUBLE P.E.	Rt. 18+98	1'
1 st Street	Lt. 19+14	2'
P.E.	Lt. 19+76	2'
P.E.	Lt. 20+37	2'
P.E.	Rt. 21+24	2'
P.E.	Lt. 21+60	2'
Division	Lt. 24+00	2'
P.E.	Rt. 24+38	0'
Logan Ave.	Lt. 28+60	2'
Ex. Paved Shldr. Start	Rt. 26+61	2'
End	Rt. 28+24	2'

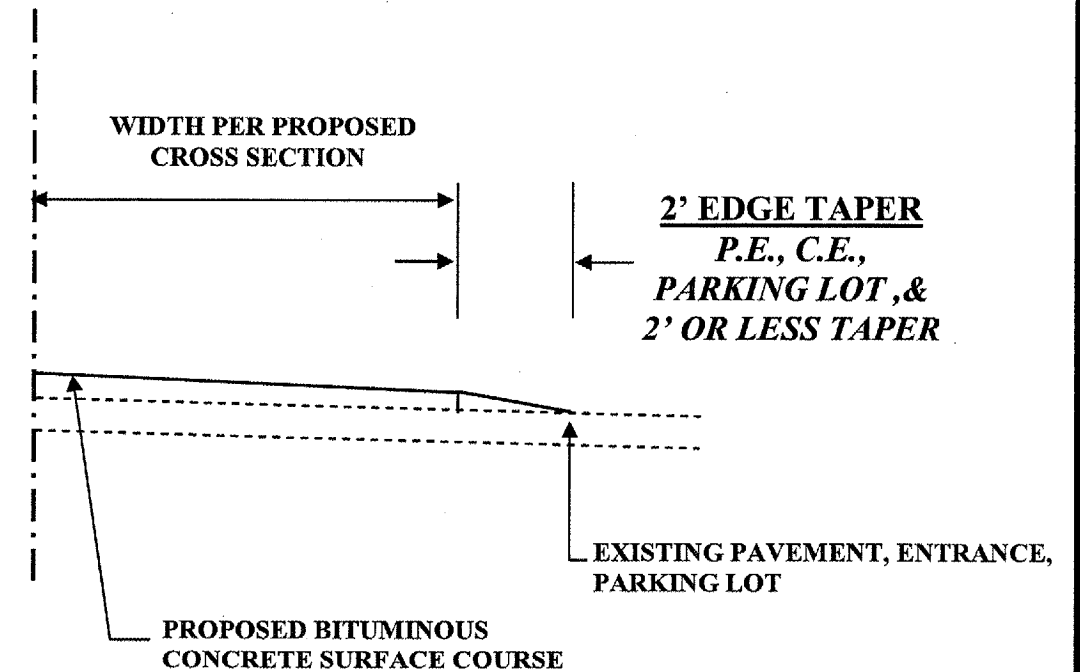
LOCATIONS:

F.A.U. 7671 / BROADWAY AVE.

<u>Type</u>	<u>Location</u>	<u>Taper Length</u>
ALL C.E. & Maj. Phipps Dr.	ENTIRE JOB	2'

F.A.U. 7669 / HOLIDAY DRIVE

<u>Type</u>	<u>Location</u>	<u>Taper Length</u>
C.E.	Lt. 2+02	0'
C.E.	Lt. 5+74	0'
C.E.	Lt. 6+33	0'
C.E.	Lt. 6+96	0'
Armory Rd.	Lt. 8+19	0'



CITY OF MATTOON
 SECTION: 05-00143-00-RS
 CONTRACT: 95479
 F.A.U. 7671 / BROADWAY AVE.
 F.A.U. 7700 / LOGAN AVE.
 F.A.U. 7675 / LAFAYETTE AVE.
 F.A.U. 7669 / HOLIDAY DRIVE
 F.A.U. 7670 / WESTERN AVE.
 COLES COUNTY
 SHEET 5 OF 43

VARIABLE TAPER DETAIL FOR P.E., C.E., & PARKING LOT

40800040 INCIDENTAL BITUMINOUS SURFACING

LOCATIONS:

F.A.U. 7675 / LAFAYETTE AVE.

Type	Location	Taper Length	Tons
P.E.	Lt. 1+55	4'	0.3
P.E.	Lt. 3+44	19'	1.1
5 th STREET	Lt. 3+91	6'	1.4
P.E.	Lt. 5+99	4'	0.3
P.E.	Lt. 6+61	12'	0.8
P.E.	Lt. 6+79	6'	0.4
P.E.	Rt. 8+32	6'	0.5
ELM RIDGE	Rt. 8+68	24'	10.0
P.E.	Lt. 9+19	4'	0.6
P.E.	Rt. 9+69	6'	1.2
P.E.	Rt. 10+54	4'	0.4
P.E.	Rt. 12+04	4'	0.4
P.E.	Lt. 13+14	7'	1.1
P.E.	Rt. 13+46	4'	0.5
P.E.	Lt. 17+34	12'	1.1
P.E.	Rt. 17+80	6'	0.6
P.E.	Lt. 18+62	12'	0.9
P.E.	Rt. 20+27	8'	0.6
P.E.	Rt. 20+53	8'	0.4
P.E.	Lt. 20+58	8'	0.5
P.E.	Rt. 21+85	3'	0.3
P.E.	Rt. 24+79	6'	0.5
P.E.	Rt. 25+72	7'	0.8

F.A.U. 7669 / HOLIDAY DRIVE

Type	Location	Taper Length	Tons
C.E.	Rt. 1+00	28'	1.0
C.E.	Lt. 4+53	2'	0.3
C.E.	Lt. 5+14	2'	0.3

F.A.U. 7700 / LOGAN AVENUE

Type	Location	Taper Length	Tons
PRAIRIE AVENUE	Lt. 128+07	2'	0.7
RICHMOND AVENUE	Lt.&Rt. 132+07	2'	Lt. 0.8 - Rt. 1.5
MOULTRY ST.	Lt. 143+59	2'	0.8

X4066414 or X4066424 BITUMINOUS SURFACE COURSE

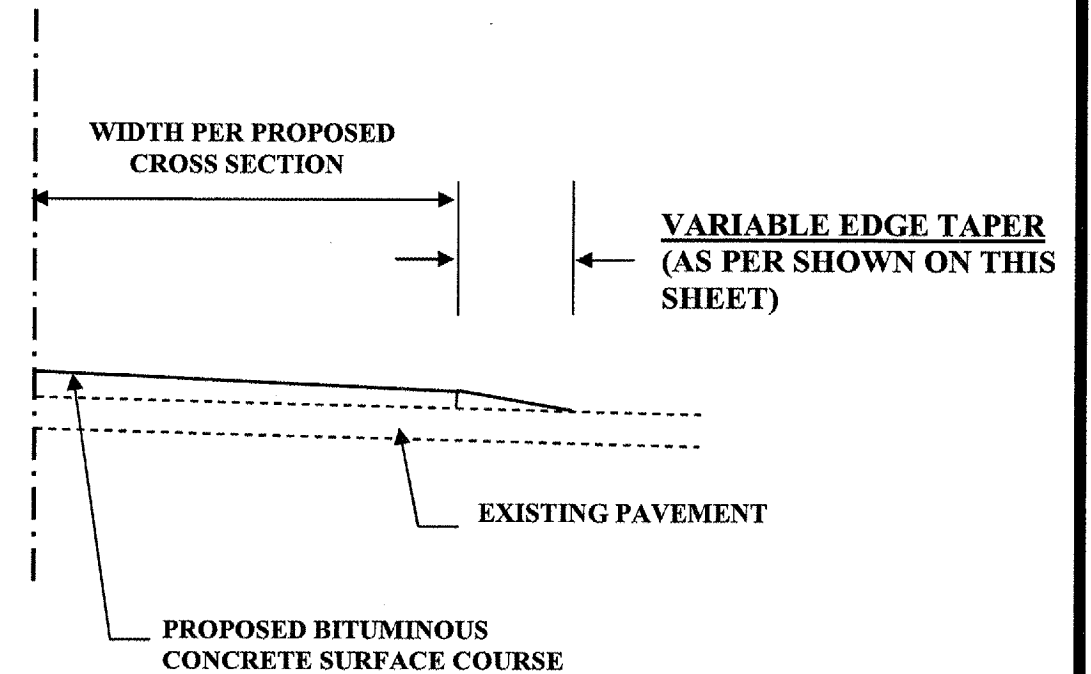
LOCATIONS:

F.A.U. 7670 / WESTERN AVE.

Type	Location	Taper Length
LYTLE PARK ENT.	Rt. 51+45	38'
32 nd STREET	Rt. 58+30	20'~29'

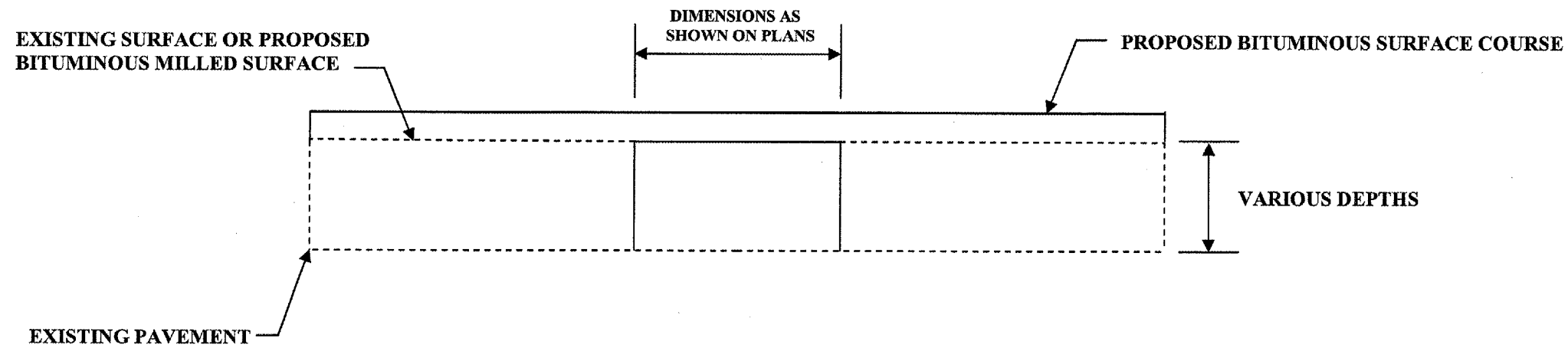
Left And Right Lanes

L



PAVEMENT PATCHING DETAIL

CITY OF MATTOON
SECTION: 05-00143-00-RS
CONTRACT: 95479
F.A.U. 7671 / BROADWAY AVE. EAST
F.A.U. 7675 / LAFAYETTE AVE.
F.A.U. 7669 / HOLIDAY DRIVE
COLES COUNTY
SHEET 6 OF 43

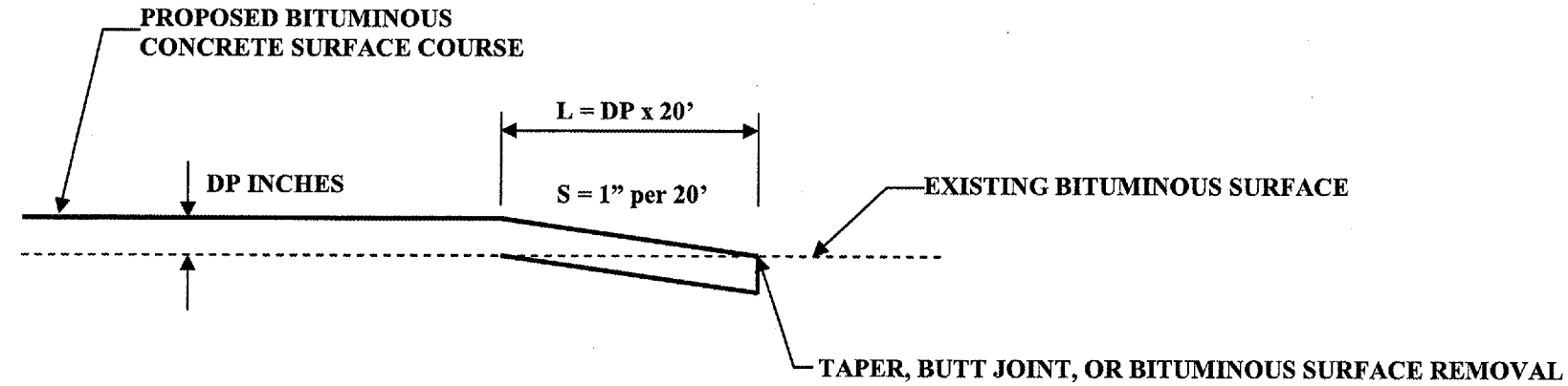


NOTE:

1. THIS DETAIL SHEET SHALL APPLY TO ALL PATCHING PAY ITEMS WITHIN THESE PLANS:
44201761 CLASS D PATCHES TYPE I 10 INCH
44201765 CLASS D PATCHES TYPE II 10 INCH
44201769 CLASS D PATCHES TYPE III 10 INCH
44201771 CLASS D PATCHES TYPE IV 10 INCH
AND NO OTHER COMPENSATION SHALL BE ALLOWED.
2. PAVEMENT REMOVAL IS INCIDENTAL TO THE PATCHING PAY ITEM INVOLVED AND NO OTHER COMPENSATION SHALL BE ALLOWED
3. 44201761, 44201765, 44201769, 44201771 FULL DEPTH PATCHING WILL BE 10" OF BITUMINOUS ASPHALT REGARDLESS OF EXISTING PAVEMENT THICKNESS. AND NO OTHER COMPENSATION SHALL BE ALLOWED.

TYPICAL BITUMINOUS RUNDOWN DETAIL

CITY OF MATTOON
 SECTION: 05-00143-00-RS
 CONTRCT: 95479
 F.A.U. 7671 / BROADWAY AVE. EAST
 F.A.U. 7700 / LOGAN AVE.
 F.A.U. 7675 / LAFAYETTE AVE.
 F.A.U. 7669 / HOLIDAY DR.
 F.A.U. 7670 / WESTERN AVE.
 COLES COUNTY
 SHEET 7 OF 43



40600980 BITUMINOUS SURFACE COURSE REMOVE BUTT JOINT

<u>Location</u>	<u>Depth (DP)</u>	<u>Length of Rundown</u>	<u>Street</u>
Lt. - Rt., 0+00 ~ 0+30	1 ½"	30.0'	F.A.U. 7671 / BROADWAY AVE. EAST
41' - 50' Rt., FR 17.1 CL. 20+22	1 ½"	9.0'	F.A.U. 7671 / BROADWAY AVE. EAST
65' - 95' Lt., C.E. CL. 19+70	1 ½"	30.0'	F.A.U. 7671 / BROADWAY AVE. EAST
65' - 95' Lt., C.E. CL. 20+08	1 ½"	30.0'	F.A.U. 7671 / BROADWAY AVE. EAST
Lt. - Rt., 120+74 ~ 120+99	1 ¼"	25.0'	F.A.U. 7700 / LOGAN AVENUE
Lt. - Rt., 147+38 ~ 147+63	1 ¼"	25.0'	F.A.U. 7700 / LOGAN AVENUE
20' Lt. - Rt., 147+38 ~ 46' Lt. - 55' Rt., 147+63	1 ¼"	20.0'	F.A.U. 7700 / LOGAN AVENUE
Lt. - Rt., 0+15 ~ 0+35	1 ¼"	10.0'	F.A.U. 7675 / LAFAYETTE AVENUE
30' - 40' Rt., CL. ELM RIDGE 8+68	1 ¼"	20.0'	F.A.U. 7675 / LAFAYETTE AVENUE
11' Lt. - Rt., 29+04 ~ 29+24	1 ¼"	25.0'	F.A.U. 7675 / LAFAYETTE AVENUE
13' Lt. - 14' Rt., 7+28 ~ 8+73	1 ½"	30.0'	F.A.U. 7669 / HOLIDAY DRIVE
14' Lt. - Rt., 45+69 ~ 45+94	1 ¼"	25.0'	F.A.U. 7670 / WESTERN AVENUE
20' - 29' Rt. 32 nd St. CL. 58+30	1 ¼"	25.0'	F.A.U. 7670 / WESTERN AVENUE
14' Lt. - Rt., 81+37 ~ 81+62	1 ¼"	25.0'	F.A.U. 7670 / WESTERN AVENUE

BITUMINOUS SURFACE COURSE RUNDOWN TAPER

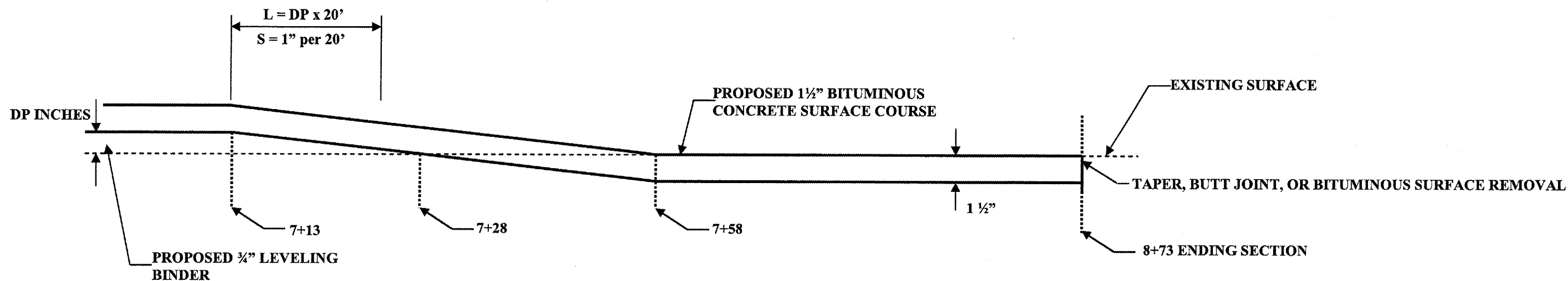
<u>Location</u>	<u>Depth (DP)</u>	<u>Length of Rundown</u>	<u>Street</u>
24' - 34' Rt., FR. 17.1 CL. 19+76	1 ½"	30.0'	F.A.U. 7671 / BROADWAY AVE. EAST
41' - 50' Rt., FR. 17.1 CL. 20+22	1 ½"	30.0'	F.A.U. 7671 / BROADWAY AVE. EAST
21+11 ~ 21+41	1 ½"	30.0'	F.A.U. 7671 / BROADWAY AVE. EAST

LEVELING BINDER RUNDOWN TAPER

<u>Location</u>	<u>Depth (DP)</u>	<u>Length of Rundown</u>	<u>Street</u>
11' Lt. - Rt., 19+25 ~ 19+40	¾"	15.0'	F.A.U. 7671 / BROADWAY AVE. EAST
11' Lt. - Rt., 20+96 ~ 21+11	¾"	15.0'	F.A.U. 7671 / BROADWAY AVE. EAST
50' Lt. - 65' Lt., C.E. 19+70	¾"	15.0'	F.A.U. 7671 / BROADWAY AVE. EAST
50' Lt. - 65' Lt., C.E. 20+08	¾"	15.0'	F.A.U. 7671 / BROADWAY AVE. EAST

BITUMINOUS SURFACE COURSE AND LEVELING BINDER
RUNDOWN TAPER DETAIL HOLIDAY DRIVE

CITY OF MATTOON
 SECTION: 05-00143-00-RS
 CONTRACT: 95479
 F.A.U. 7669 / HOLIDAY DR.
 COLES COUNTY
 SHEET 8 OF 43



LEVELING BINDER RUNDOWN TAPER

Location
 12' Lt. - Rt., 0+52 ~ 0+67
 12' Lt. - Rt., 7+13 ~ 7+28

Depth (DP)
 3/4"
 3/4"

Length of Rundown
 15.0'
 15.0'

Street
 F.A.U. 7669 / HOLIDAY DRIVE
 F.A.U. 7669 / HOLIDAY DRIVE

BITUMINOUS SURFACE COURSE RUNDOWN TAPER

Location
 Lt. - Rt., 7+28 ~ 7+58

Depth (DP)
 1 1/2"

Length of Rundown
 30.0'

Street
 F.A.U. 7669 / HOLIDAY DRIVE

BITUMINOUS SURFACE COURSE REMOVE BUTT JOINT

Location
 13' Lt. - 14' Rt., 7+28 ~ 8+73

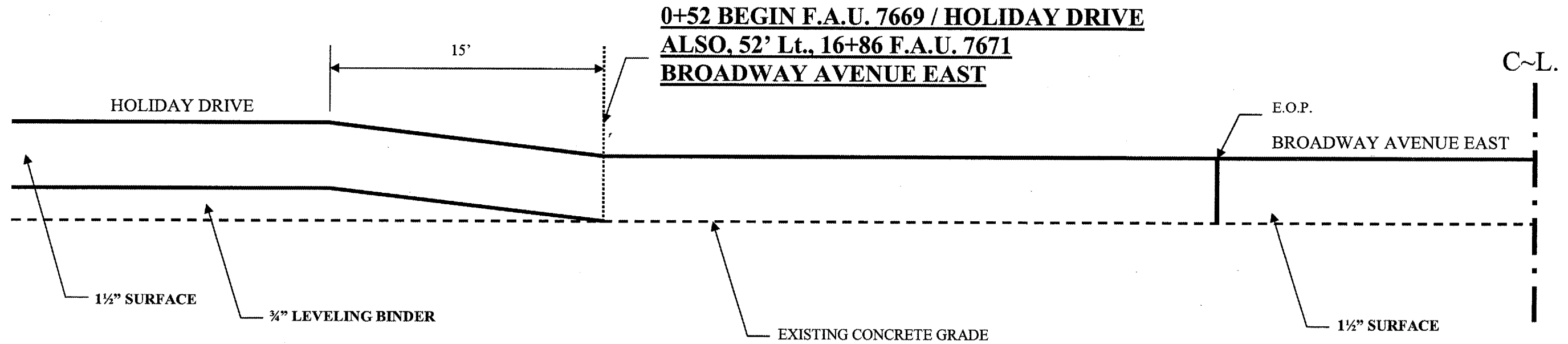
Depth (DP)
 1 1/2"

Length of Rundown
 145.0'

Street
 F.A.U. 7669 / HOLIDAY DRIVE

HOLIDAY DRIVE AND BROADWAY AVENUE EAST INTERSECTION

CITY OF MATTON
SECTION: 05-00143-00-RS
CONTRACT: 95479
F.A.U. 7669 / HOLIDAY DRIVE
F.A.U. 7671 / BROADWAY AVENUE EAST
COLES COUNTY
SHEET 9 OF 43



44201761 CLASS D PATCHES TYPE 1 10"

C~L ~ 11'Lt., 2+78 ~ 2+82	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 2+78 ~ 2+82	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 5+08 ~ 5+12	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 5+08 ~ 5+12	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 5+31 ~ 5+35	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 5+31 ~ 5+35	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 5+94 ~ 5+98	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 5+94 ~ 5+98	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 6+08 ~ 6+12	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 6+08 ~ 6+12	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 6+30 ~ 6+34	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 6+30 ~ 6+34	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 8+31 ~ 8+35	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 8+31 ~ 8+35	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 9+31 ~ 9+35	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 9+31 ~ 9+35	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 9+62 ~ 9+66	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 9+62 ~ 9+66	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 12+32 ~ 12+36	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 12+32 ~ 12+36	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 12+80 ~ 12+84	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 12+80 ~ 12+84	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 13+31 ~ 13+35	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 13+31 ~ 13+35	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 14+33 ~ 14+37	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 14+33 ~ 14+37	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 15+19 ~ 15+23	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 15+19 ~ 15+23	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 15+35 ~ 15+39	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 15+35 ~ 15+39	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 15+68 ~ 15+72	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 15+68 ~ 15+72	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 16+36 ~ 16+40	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 16+36 ~ 16+40	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 17+21 ~ 17+25	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 17+21 ~ 17+25	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 17+59 ~ 17+63	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 17+59 ~ 17+63	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 17+88 ~ 17+92	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 17+88 ~ 17+92	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 18+40.5 ~ 18+44.5	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 18+40.5 ~ 18+44.5	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 19+08 ~ 19+12	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 19+08 ~ 19+12	=	4.9 SQ.YDs.
11'~14'Rt. 19+36~11'~17'Rt. 19+44	=	4.0 SQ.YDs.
C~L ~ 11'Lt., 20+08 ~ 20+12	=	4.9 SQ.YDs.
C~L ~ 11'Lt., 20+94 ~ 20+98	=	4.9 SQ.YDs.
C~L ~ 11'Rt., 20+94 ~ 20+98	=	4.9 SQ.YDs.
TOTAL	=	234.3 SQ.YDs.

44000100 PAVEMENT REMOVAL

11'~13'Lt., 1+77 ~ 11'~12'Lt., 2+44	=	11.5 SQ.YDs.
11'~13'Rt., 2+00 ~ 11'~12'Rt., 2+44	=	7.5 SQ.YDs.
TOTAL	=	19.0 SQ.YDs.

SCHEDULE OF QUANTITIES

X4066424 BIT. CONC. SFE. CSE. SP D N50

RADII LOGAN AVE.	=	30 TON
13' Lt. ~ Rt., 0+00 ~ 21+41	=	503 TON
HOLIDAY DR. C~L 16+86	=	20 TON
F.R. 17.1 (C~L, 19+80 & 20+22)	=	30 TON
MALL C.E. (C~L, 19+70 & 20+08)	=	47 TON
TOTAL	=	630 TON

X4066765 LEVEL BINDER MM C N50

11' Lt. ~ Rt., 19+25 ~ 21+11	=	19 TON
F.R. 17.1 (C~L, 19+80 & 20+22)	=	15 TON
MALL C.E. (C~L, 19+70 & 20+08)	=	23 TON
TOTAL	=	57 TON

20200500 EARTH EXCAVATION (WID)

Lt. 1+77 ~ 45' Lt. 5+83	=	16.0 CU.YDs.
Lt. 6+20 ~ 7+98	=	6.6 CU.YDs.
Lt. 9+22 ~ 10+19	=	3.6 CU.YDs.
Lt. 10+91 ~ 12+99	=	7.7 CU.YDs.
Lt. 13+65 ~ 14+93	=	4.7 CU.YDs.
Lt. 15+48 ~ 15+85.5	=	1.4 CU.YDs.
Rt. 2+00 ~ 2+88.5	=	3.3 CU.YDs.
Rt. 4+18 ~ 7+57	=	12.6 CU.YDs.
Rt. 8+43 ~ 9+47	=	3.9 CU.YDs.
Rt. 10+11.5 ~ 10+29.5	=	0.7 CU.YDs.
Rt. 10+80 ~ 11+79	=	3.7 CU.YDs.
Rt. 12+26 ~ 13+70.5	=	5.4 CU.YDs.
Rt. 14+32 ~ 14+90	=	2.1 CU.YDs.
Rt. 15+49 ~ 19+19	=	13.7 CU.YDs.
TOTAL	=	85.4 CU.YDs.

40600100 BIT. MATERIALS (PRIME COAT)

Lt. ~ Rt., 0+00 ~ 21+41	=	750 GAL
TOTAL	=	750 GAL

40600300 AGGREGATE (PRIME COAT)

Lt. ~ Rt., 0+00 ~ 21+41	=	8.0 TON
TOTAL	=	8.0 TON

60300350 MANHOLE FRAMES ADJUST

39' Lt., 16+66	=	1.0 EACH
TOTAL	=	1.0 EACH

40600980 BIT. SURF. REMOVAL BUTT JT.

Lt. ~ Rt., 0+00 ~ 0+30	=	139 SQ.YDs.
41'~50'Rt., C~L F.R. 17.1 20+22	=	26 SQ.YDs.
65'~95'Lt., C.E. C~L 19+70	=	90 SQ.YDs.
65'~95'Lt., C.E. C~L 20+08	=	90 SQ.YDs.
TOTAL	=	345 SQ.YDs.

44201765 CLASS D PATCHES TYPE 2 10"

C~L ~ 12' Lt., 0+75 ~ 0+79	=	5.4 SQ.YDs.
C~L ~ 12' Rt., 0+75 ~ 0+79	=	5.4 SQ.YDs.
C~L ~ 14' Lt., 1+70 ~ 1+75	=	7.8 SQ.YDs.
C~L ~ 14' Rt., 1+70 ~ 1+75	=	7.8 SQ.YDs.
C~L ~ 11' Lt., 3+27.5 ~ 3+34.5	=	8.6 SQ.YDs.
C~L ~ 11' Rt., 3+27.5 ~ 3+32.5	=	6.1 SQ.YDs.
C~L ~ 11' Lt., 4+28 ~ 4+37	=	11.0 SQ.YDs.
C~L ~ 11' Rt., 4+28 ~ 4+37	=	11.0 SQ.YDs.
C~L ~ 11'Lt., 7+94 ~ 7+99	=	6.1 SQ.YDs.
C~L ~ 11'Rt., 7+94 ~ 7+99	=	6.1 SQ.YDs.
C~L ~ 11'Lt., 10+28 ~ 10+34	=	7.3 SQ.YDs.
C~L ~ 11'Rt., 10+28 ~ 10+34	=	7.3 SQ.YDs.
C~L ~ 11'Lt., 11+30.5 ~ 11+39.5	=	11.0 SQ.YDs.
29'~33'Lt. 16+57 - 21'~25'Lt. 16+65	=	5.8 SQ.YDs.
21'~25'Lt., 16+65 ~ 16+87	=	10.0 SQ.YDs.
19'~25'Lt., 16+93 ~ 17+12	=	12.7 SQ.YDs.
11'~19'Lt., 19+27 ~ 19+33	=	5.4 SQ.YDs.
C~L ~ 11' Rt., 19+40 ~ 19+47	=	8.6 SQ.YDs.
11' ~ 20' Lt., 19+97 ~ 20+02	=	5.0 SQ.YDs.
C~L ~ 24' Rt., 20+09 ~ 20+13	=	10.7 SQ.YDs.
11' ~ 22' Lt., 20+63 ~ 20+70	=	8.6 SQ.YD.
11' ~ 21' Rt., 20+65 ~ 20+70	=	6.1 SQ.YDs.
C~L ~ 11' Lt., 21+33 ~ 21+40	=	8.6 SQ.YDs.
TOTAL	=	182.4 SQ.YDs.

44201769 CLASS D PATCHES TYPE 3 10"

11' ~ 15' Rt., 0+33 ~ 0+87	=	24.0 SQ.YDs.
C~L ~ 11'Rt., 11+30.5 ~ 11+43.5	=	15.9 SQ.YDs.
C~L ~ 25' Rt., 19+40 ~ 19+47	=	19.4 SQ.YDs.
TOTAL	=	59.3 SQ.YDs.

48202400 BITUMINOUS SHOULDERS SUPERPAVE 6"

Lt. 1+77 ~ 45' Lt., 5+83	=	96.0 SQ.YDs.
Rt. 2+00 ~ 2+88.5	=	20.0 SQ.YDs.
Rt. 4+18 ~ 7+57	=	76.0 SQ.YDs.
Lt. 6+20 ~ 7+98	=	40.0 SQ.YDs.
Rt. 8+43 ~ 9+47	=	23.0 SQ.YDs.
Lt. 9+22 ~ 10+19	=	22.0 SQ.YDs.
Rt. 10+11.5 ~ 10+29.5	=	4.0 SQ.YDs.
Rt. 10+80 ~ 11+79	=	22.0 SQ.YDs.
Lt. 10+91 ~ 12+00	=	24.2 SQ.YDs.
Lt. 12+00 ~ 12+99	=	22.8 SQ.YDs.
Rt. 12+26 ~ 13+70.5	=	33.0 SQ.YDs.
Lt. 13+65 ~ 14+93	=	29.0 SQ.YDs.
Rt. 14+32 ~ 14+90	=	13.0 SQ.YDs.
Lt. 15+48 ~ 15+85.5	=	8.0 SQ.YDs.
Rt. 15+49 ~ 18+00	=	55.8 SQ.YDs.
Rt. 18+00 ~ 19+19	=	27.2 SQ.YDs.
TOTAL	=	516.0 SQ.YDs.

CITY OF MATTOON

SECTION 05-00143-00-RS
 ROUTE: F.A.U.7671
 BROADWAY AVE. EAST
 JOB#: C-97-060-06
 PROJ#: M5042(14)
 CONTRACT#: 95479
 COLES COUNTY
 SHEET 10 OF 43

78000100 THERMOPLASTIC PVT MK LTR & SYM

55' Lt., 19+63.5	=	26.0 SQ.FT.
85' Lt., 19+63.5	=	26.0 SQ.FT.
55' Lt., 19+76.5	=	26.0 SQ.FT.
85' Lt., 19+76.5	=	26.0 SQ.FT.
20' Rt., 19+70	=	15.6 SQ.FT.
55' Rt., 19+70	=	15.6 SQ.FT.
20' Rt., 19+82.5	=	11.5 SQ.FT.
55' Rt., 19+82.5	=	11.5 SQ.FT.
20' Rt., 19+95	=	15.6 SQ.FT.
55' Rt., 19+95	=	15.6 SQ.FT.
29' Rt., 20+15	=	26.0 SQ.FT.
29' Rt., 20+28	=	26.0 SQ.FT.
TOTAL	=	241.4 SQ.FT.

78000200 THERMOPLASTIC PVT MK LINE 4"

C~L, 1+10 ~ 19+25	=	460.0 FOOT
DASHED 10' YELLOW 4"		
C~L 20+74 ~ 21+41	=	134.0 FOOT
DOUBLE SOLID YELLOW 4" LINE		
37' ~ 85' Lt., 19+70	=	48.0 FOOT
37' ~ 85' Lt., 20+08	=	48.0 FOOT
20' ~ 55' Rt., 19+76	=	35.0 FOOT
20' ~ 55' Rt., 19+89	=	35.0 FOOT
20' ~ 55' Rt., 20+22	=	35.0 FOOT
SOLID WHITE 4" LANE LINES		
11'Lt. & Rt., 1+05 ~ 21+41	=	4,070.0 FOOT
SOLID WHITE EDGE LINE 4"		
TOTAL	=	4,865.0 FOOT

78000400 THERMOPLASTIC PVT MK LINE 6"

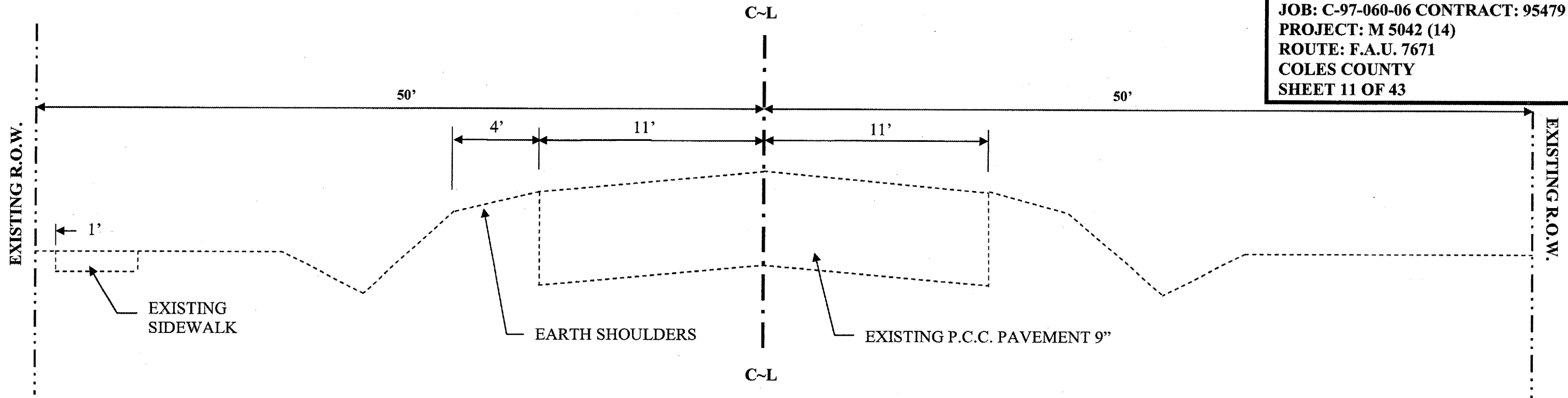
45' Lt., HOLIDAY DR. C~L 16+86	=	34.0 FOOT
51' Lt., HOLIDAY DR. C~L 16+86	=	31.0 FOOT
SOLID WHITE CROSSWALK 6"		
TOTAL	=	65.0 FOOT

78000650 THERMOPLASTIC PVT MK LINE 24"

C~L ~ 19' Rt., 0+04	=	19.0 FOOT
C~L ~ 14' Lt., 1+05	=	14.0 FOOT
57'Lt. 16+86, C~L~WEST HOLIDAY DR.	=	15.0 FOOT
C~L ~ 15' Rt., 19+34	=	15.0 FOOT
37' Lt., C.E. 19+70	=	35.0 FOOT
C~L ~ 13' Lt., 20+71	=	13.0 FOOT
SOLID WHITE STOP BAR 24"		
TOTAL	=	111.0 FOOT

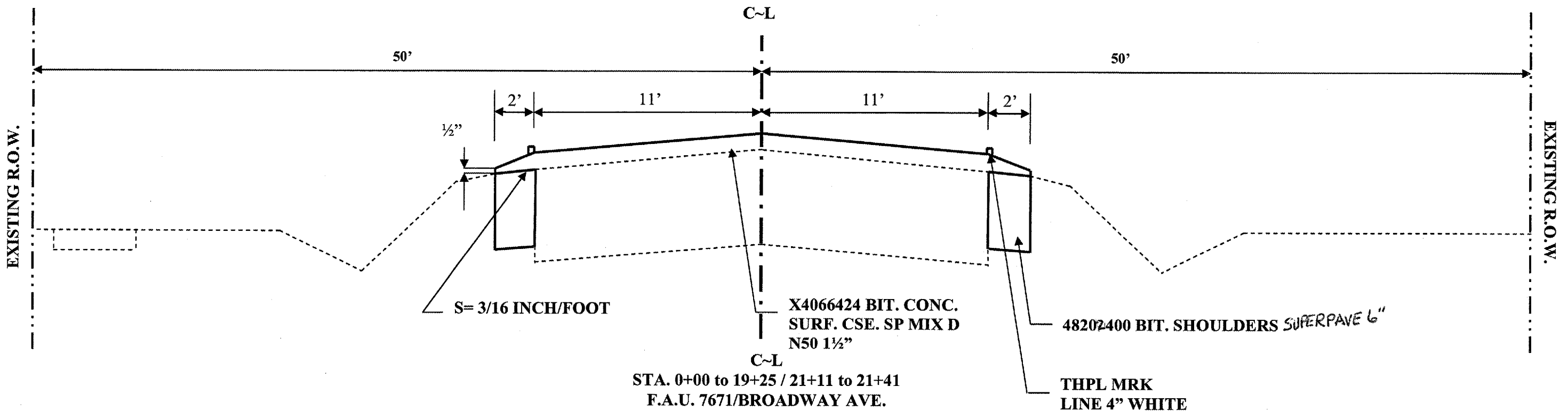
EXISTING TYPICAL CROSS SECTION

CITY OF MATTOON
SECTION 05-00143-00-RS
JOB: C-97-060-06 CONTRACT: 95479
PROJECT: M 5042 (14)
ROUTE: F.A.U. 7671
COLES COUNTY
SHEET 11 OF 43



STA. 0+00 to 19+25 / 21+11 to 21+41
F.A.U. 7671/BROADWAY AVE.

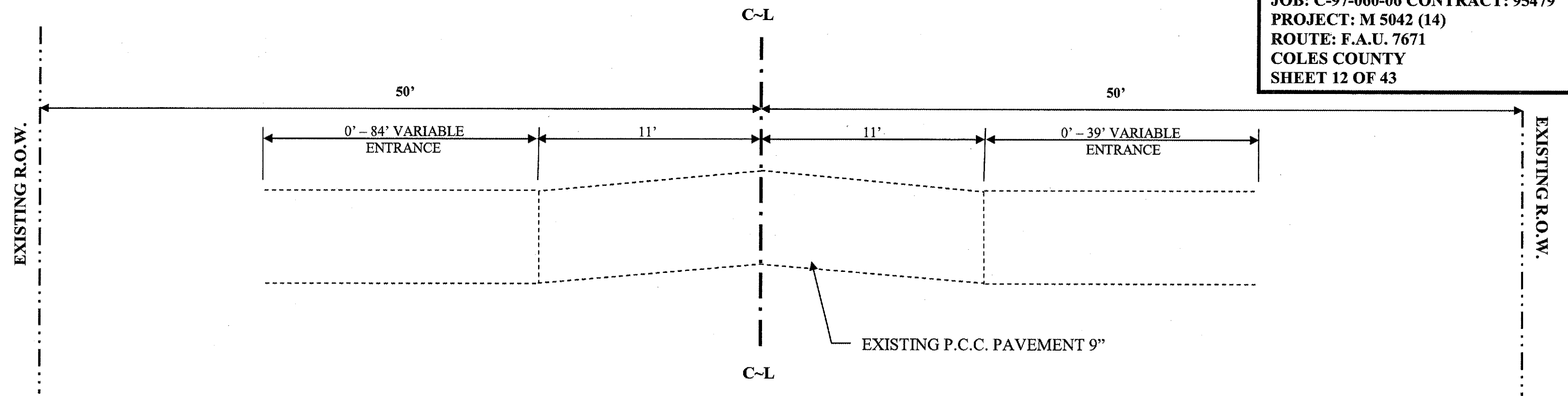
PROPOSED TYPICAL CROSS SECTIONS



STA. 0+00 to 19+25 / 21+11 to 21+41
F.A.U. 7671/BROADWAY AVE.

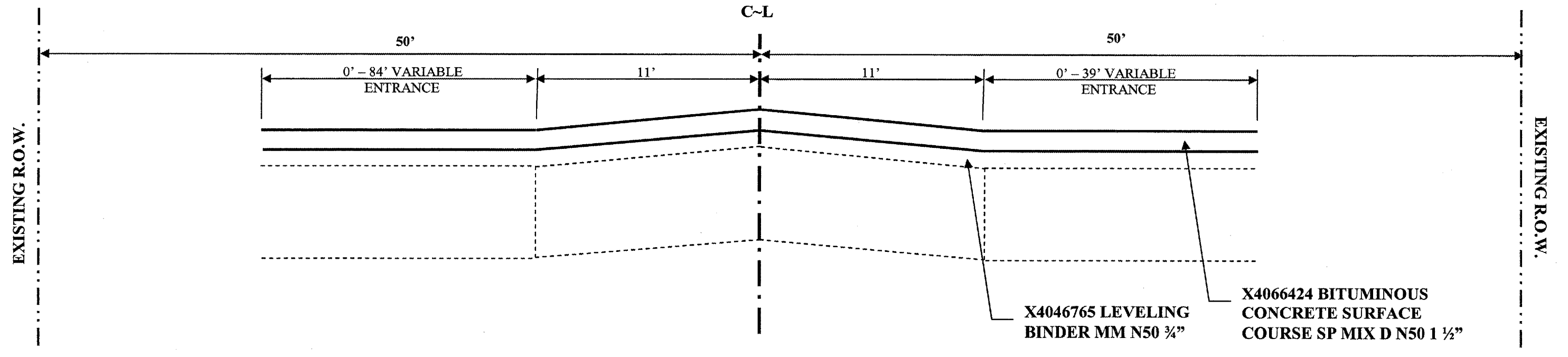
EXISTING TYPICAL CROSS SECTION

CITY OF MATTOON
SECTION 05-00143-00-RS
JOB: C-97-060-06 CONTRACT: 95479
PROJECT: M 5042 (14)
ROUTE: F.A.U. 7671
COLES COUNTY
SHEET 12 OF 43



STA. 19+25 to 21+11
INTERSECTION OF F.A.U. 7671 / BROADWAY AVE. EAST AND FR 17.1

PROPOSED TYPICAL CROSS SECTIONS



STA. 19+25 to 21+11
INTERSECTION OF F.A.U. 7671 / BROADWAY AVE. EAST AND FR 17.1



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7671
BROADWAY EAST AVE.
COLES COUNTY
SHEET 13 OF 43

44201761 CLASS D PATCHES TYPE 1 10"

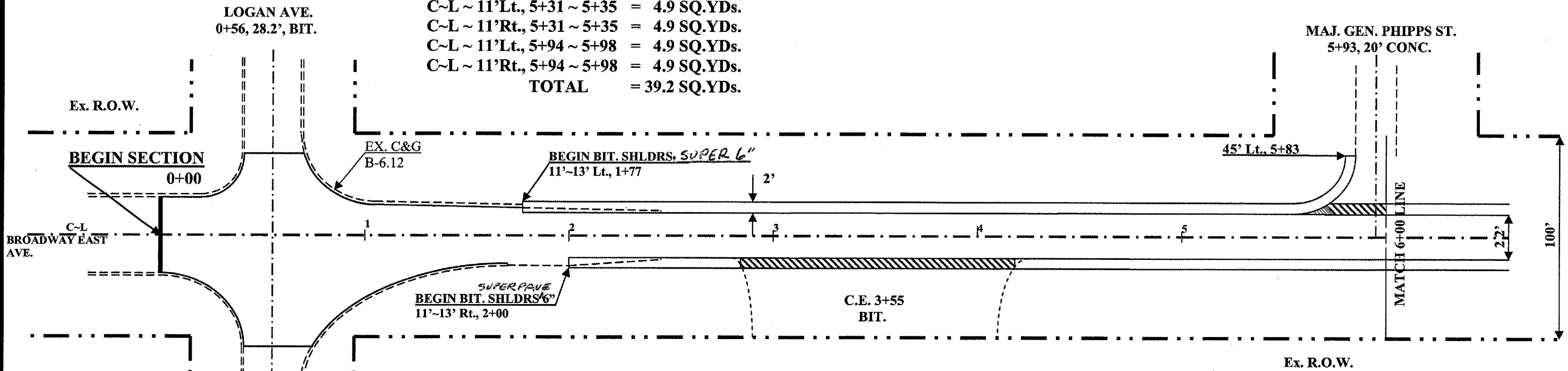
C~L ~ 11' Lt., 2+78 ~ 2+82 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 2+78 ~ 2+82 = 4.9 SQ.YDs.
 C~L ~ 11' Lt., 5+08 ~ 5+12 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 5+08 ~ 5+12 = 4.9 SQ.YDs.
 C~L ~ 11' Lt., 5+31 ~ 5+35 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 5+31 ~ 5+35 = 4.9 SQ.YDs.
 C~L ~ 11' Lt., 5+94 ~ 5+98 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 5+94 ~ 5+98 = 4.9 SQ.YDs.
TOTAL = 39.2 SQ.YDs.

44201769 CLASS D PATCHES TYPE 3 10"

11' ~ 15' Rt., 0+33 ~ 0+87 = 24.0 SQ.YDs.
TOTAL = 24.0 SQ.YDs.

LEGEND

= 2' BIT. APRON TAPERS ON ALL ENTRANCES AND SIDEROADS.



40600980 BIT. SURF REM BUTT JOINT
 Lt. ~ Rt., 0+00 ~ 0+30 = 139.0 SQ.YDs.
TOTAL = 139.0 SQ.YDs.

*** 20200500 EARTH EXCAVATION (WIDENING) ***

Lt. 1+77 ~ 45' Lt. 5+83 = 16.0 CU.YDs.
 Rt. 2+00 ~ 2+88.5 = 3.3 CU.YDs.
 Rt. 4+18 ~ 6+00 = 6.7 CU.YDs.
TOTAL = 26.0 CU.YDs.

44000100 PAVEMENT REMOVAL

11'~13' Lt., 1+77 ~ 11'~12' Lt., 2+44 = 11.5 SQ.YDs.
 11'~13' Rt., 2+00 ~ 11'~12' Rt., 2+44 = 7.5 SQ.YDs.
TOTAL = 19.0 SQ.YDs.

44201765 CLASS D PATCHES TYPE 2 10"

C~L ~ 12' Lt., 0+75 ~ 0+79 = 5.4 SQ.YDs.
 C~L ~ 12' Rt., 0+75 ~ 0+79 = 5.4 SQ.YDs.
 C~L ~ 14' Lt., 1+70 ~ 1+75 = 7.8 SQ.YDs.
 C~L ~ 14' Rt., 1+70 ~ 1+75 = 7.8 SQ.YDs.
 C~L ~ 11' Lt., 3+27.5 ~ 3+34.5 = 8.6 SQ.YDs.
 C~L ~ 11' Rt., 3+27.5 ~ 3+32.5 = 6.1 SQ.YDs.
 C~L ~ 11' Lt., 4+28 ~ 4+37 = 11.0 SQ.YDs.
 C~L ~ 11' Rt., 4+28 ~ 4+37 = 11.0 SQ.YDs.
TOTAL = 63.1 SQ.YDs.

48202400 BITUMINOUS SHOULDERS SUPERPAVE 6"

Lt. 1+77 ~ 45' Lt., 5+83 = 96.0 SQ.YDs.
 Rt. 2+00 ~ 2+88.5 = 20.0 SQ.YDs.
 Rt. 4+18 ~ 6+00 = 41.0 SQ.YDs.
TOTAL = 157.0 SQ.YDs.

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

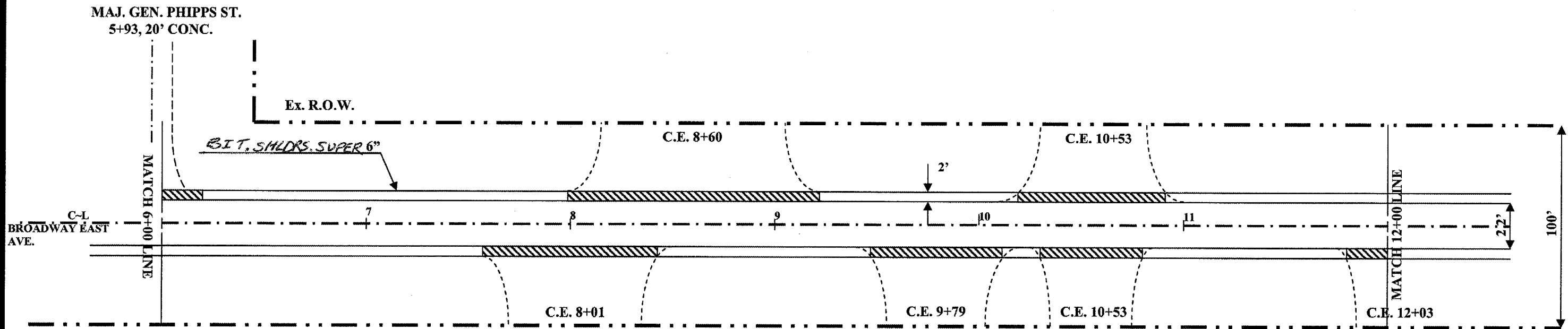


PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7671
BROADWAY EAST AVE.
COLES COUNTY
SHEET 14 OF 43

LEGEND

= 2' BIT. APRON
 TAPER ON ALL
 ENTRANCES



44201761 CLASS D PATCHES TYPE 1 10"

C~L ~ 11'Lt., 6+08 ~ 6+12	= 4.9 SQ.YDs.
C~L ~ 11'Rt., 6+08 ~ 6+12	= 4.9 SQ.YDs.
C~L ~ 11'Lt., 6+30 ~ 6+34	= 4.9 SQ.YDs.
C~L ~ 11'Rt., 6+30 ~ 6+34	= 4.9 SQ.YDs.
C~L ~ 11'Lt., 8+31 ~ 8+35	= 4.9 SQ.YDs.
C~L ~ 11'Rt., 8+31 ~ 8+35	= 4.9 SQ.YDs.
C~L ~ 11'Lt., 9+31 ~ 9+35	= 4.9 SQ.YDs.
C~L ~ 11'Rt., 9+31 ~ 9+35	= 4.9 SQ.YDs.
C~L ~ 11'Lt., 9+62 ~ 9+66	= 4.9 SQ.YDs.
C~L ~ 11'Rt., 9+62 ~ 9+66	= 4.9 SQ.YDs.
TOTAL	= 49.0 SQ.YDs.

44201769 CLASS D PATCHES TYPE 3 10"

C~L ~ 11'Rt., 11+30.5 ~ 11+43.5	= 15.9 SQ.YDs.
TOTAL	= 15.9 SQ.YDs.

*** 20200200 EARTH EXCAVATION (WID) ***

Lt. 6+20 ~ 7+98	= 6.6 CU.YDs.
Lt. 9+22 ~ 10+19	= 3.6 CU.YDs.
Lt. 10+91 ~ 12+00	= 4.0 CU.YDs.
Rt. 6+00 ~ 7+57	= 5.9 CU.YDs.
Rt. 8+43 ~ 9+47	= 3.9 CU.YDs.
Rt. 10+11.5 ~ 10+29.5	= 0.7 CU.YDs.
Rt. 10+80 ~ 11+79	= 3.7 CU.YDs.
TOTAL	= 28.4 CU.YDs.

48202400 BITUMINOUS SHOULDERS SUPERPAVE 6" Ex. R.O.W.

Rt. 6+00 ~ 7+57	= 35.0 SQ.YDs.
Lt. 6+20 ~ 7+98	= 40.0 SQ.YDs.
Lt. 9+22 ~ 10+19	= 22.0 SQ.YDs.
Lt. 10+91 ~ 12+00	= 24.2 SQ.YDs.
Rt. 8+43 ~ 9+47	= 23.0 SQ.YDs.
Rt. 10+11.5 ~ 10+29.5	= 4.0 SQ.YDs.
Rt. 10+80 ~ 11+79	= 22.0 SQ.YDs.
TOTAL	= 170.2 SQ.YDs.

44201765 CLASS D PATCHES TYPE 2 10"

C~L ~ 11'Lt., 7+94 ~ 7+99	= 6.1 SQ.YDs.
C~L ~ 11'Rt., 7+94 ~ 7+99	= 6.1 SQ.YDs.
C~L ~ 11'Lt., 10+28 ~ 10+34	= 7.3 SQ.YDs.
C~L ~ 11'Rt., 10+28 ~ 10+34	= 7.3 SQ.YDs.
C~L ~ 11'Lt., 11+30.5 ~ 11+39.5	= 11.0 SQ.YDs.
TOTAL	= 37.8 SQ.YDs.

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7671
BROADWAY EAST AVE.
COLES COUNTY
SHEET 15 OF 43

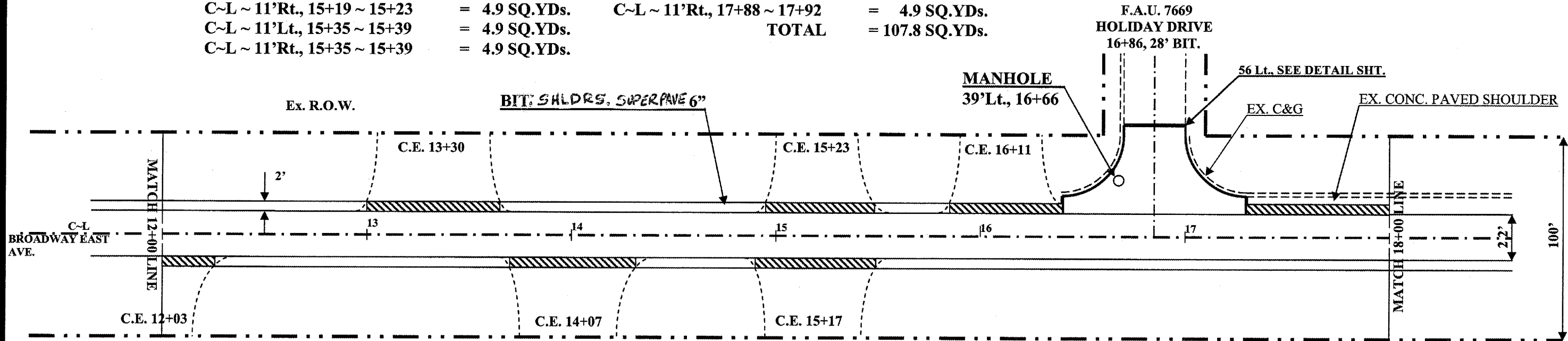


44201761 CLASS D PATCHES TYPE 1 10"

C~L ~ 11'Lt., 12+32 ~ 12+36 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 15+68 ~ 15+72 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 15+68 ~ 15+72 = 4.9 SQ.YDs.
C~L ~ 11'Rt., 12+32 ~ 12+36 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 15+68 ~ 15+72 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 15+68 ~ 15+72 = 4.9 SQ.YDs.
C~L ~ 11'Lt., 12+80 ~ 12+84 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 16+36 ~ 16+40 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 16+36 ~ 16+40 = 4.9 SQ.YDs.
C~L ~ 11'Rt., 12+80 ~ 12+84 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 16+36 ~ 16+40 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 16+36 ~ 16+40 = 4.9 SQ.YDs.
C~L ~ 11'Lt., 13+31 ~ 13+35 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 17+21 ~ 17+25 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 17+21 ~ 17+25 = 4.9 SQ.YDs.
C~L ~ 11'Rt., 13+31 ~ 13+35 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 17+21 ~ 17+25 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 17+21 ~ 17+25 = 4.9 SQ.YDs.
C~L ~ 11'Lt., 14+33 ~ 14+37 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 17+59 ~ 17+63 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 17+59 ~ 17+63 = 4.9 SQ.YDs.
C~L ~ 11'Rt., 14+33 ~ 14+37 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 17+59 ~ 17+63 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 17+59 ~ 17+63 = 4.9 SQ.YDs.
C~L ~ 11'Lt., 15+19 ~ 15+23 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 17+88 ~ 17+92 = 4.9 SQ.YDs.	C~L ~ 11'Lt., 17+88 ~ 17+92 = 4.9 SQ.YDs.
C~L ~ 11'Rt., 15+19 ~ 15+23 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 17+88 ~ 17+92 = 4.9 SQ.YDs.	C~L ~ 11'Rt., 17+88 ~ 17+92 = 4.9 SQ.YDs.
C~L ~ 11'Lt., 15+35 ~ 15+39 = 4.9 SQ.YDs.		
C~L ~ 11'Rt., 15+35 ~ 15+39 = 4.9 SQ.YDs.		
	TOTAL	= 107.8 SQ.YDs.

LEGEND

= 2' BIT. APRON TAPER ON ALL ENTRANCES OR EX. PAVED SHOULDERS



44201765 CLASS D PATCHES TYPE 2 10"

29'~33'Lt. 16+57 - 21'~25'Lt. 16+65 = 5.8 SQ.YDs.
21'~25'Lt., 16+65 ~ 16+87 = 10.0 SQ.YDs.
19'~25'Lt., 16+93 ~ 17+12 = 12.7 SQ.YDs.
TOTAL = 28.5 SQ.YDs.

* 20200500 EARTH EXCAVATION (WID) *

Lt. 12+00 ~ 12+99 = 3.7 CU.YDs.
Lt. 13+65 ~ 14+93 = 4.7 CU.YDs.
Lt. 15+48 ~ 15+85.5 = 1.4 CU.YDs.
Rt. 12+26 ~ 13+70.5 = 5.4 CU.YDs.
Rt. 14+32 ~ 14+90 = 2.1 CU.YDs.
Rt. 15+49 ~ 18+00 = 9.3 CU.YDs.
TOTAL = 26.6 CU.YDs.

48202400 BITUMINOUS SHOULDERS SUPERPAVE Ex. R.O.W.

Lt. 12+00 ~ 12+99 = 22.8 SQ.YDs.
Lt. 13+65 ~ 14+93 = 29.0 SQ.YDs.
Lt. 15+48 ~ 15+85.5 = 8.0 SQ.YDs.
Rt. 12+26 ~ 13+70.5 = 33.0 SQ.YDs.
Rt. 14+32 ~ 14+90 = 13.0 SQ.YDs.
Rt. 15+49 ~ 18+00 = 55.8 SQ.YDs.
TOTAL = 161.6 SQ.YDs.

60300350 MANHOLE FRAMES ADJUST

39' Lt., 16+66 = 1.0 EACH
TOTAL = 1.0 EACH



PLAN VIEW

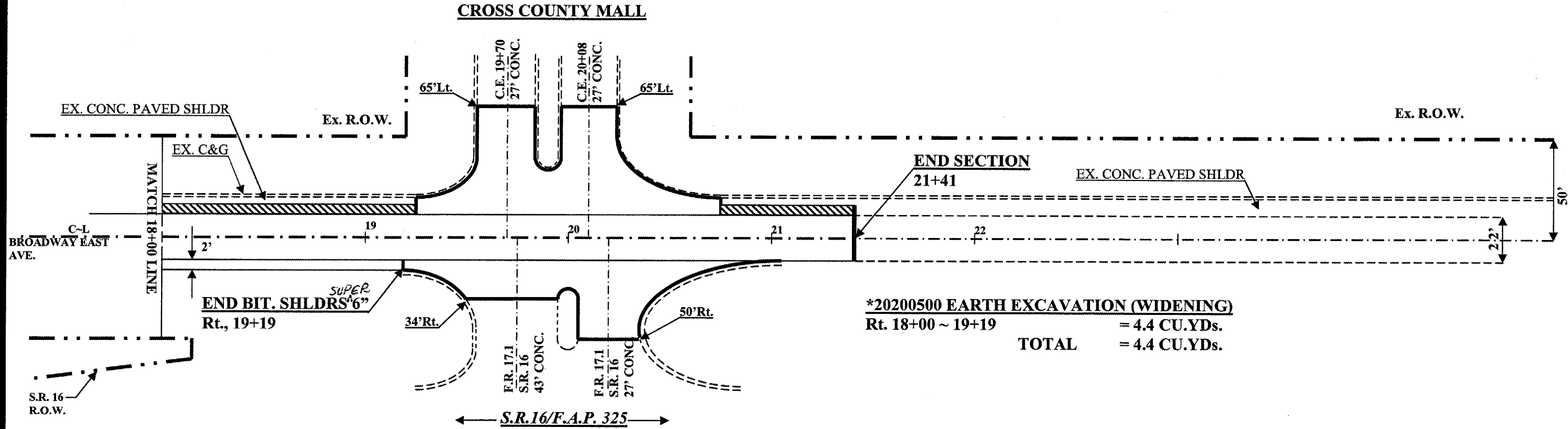
CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7671
BROADWAY EAST AVE.
COLES COUNTY
SHEET 16 OF 43

44201765 CLASS D PATCHES TYPE 2 10"

11'~19' Lt., 19+27 ~ 19+33	=	5.4 SQ.YDS.
C~L ~ 11' Rt., 19+40 ~ 19+47	=	8.6 SQ.YDS.
11' ~ 20' Lt., 19+97 ~ 20+02	=	5.0 SQ.YDS.
C~L ~ 24' Rt., 20+09 ~ 20+13	=	10.7 SQ.YDS.
11' ~ 22' Lt., 20+63 ~ 20+70	=	8.6 SQ.YD.
11' ~ 21' Rt., 20+65 ~ 20+70	=	6.1 SQ.YDS.
C~L ~ 11' Lt., 21+33 ~ 21+40	=	8.6 SQ.YDS.
TOTAL	=	53.0 SQ.YDS.

LEGEND

= 2' BIT. APRON TAPER ON ALL ENTRANCES OR EX. CONC. SHOULDERS



44201761 CLASS D PATCHES TYPE 1 10"

C~L ~ 11' Lt., 18+40.5 ~ 18+44.5	=	4.9 SQ.YDS.
C~L ~ 11' Rt., 18+40.5 ~ 18+44.5	=	4.9 SQ.YDS.
C~L ~ 11' Lt., 19+08 ~ 19+12	=	4.9 SQ.YDS.
C~L ~ 11' Rt., 19+08 ~ 19+12	=	4.9 SQ.YDS.
11'~14' Rt. 19+36 ~ 11'~17' Rt. 19+44	=	4.0 SQ.YDS.
C~L ~ 11' Lt., 20+08 ~ 20+12	=	4.9 SQ.YDS.
C~L ~ 11' Lt., 20+94 ~ 20+98	=	4.9 SQ.YDS.
C~L ~ 11' Rt., 20+94 ~ 20+98	=	4.9 SQ.YDS.
TOTAL	=	38.3 SQ.YDS.

44201769 CLASS D PATCHES TYPE 3 10"

C~L ~ 19' Rt., 19+40 ~ 19+47	=	19.4 SQ.YDS.
TOTAL	=	19.4 SQ.YDS.

40600980 BIT. SURF. REM. BUTT JOINT

41'~50' Rt., F.R. 17.1 C~L 20+22	=	26.0 SQ.YDS.
65'~95' Lt., C.E. C~L 19+70	=	90.0 SQ.YDS.
65'~95' Lt., C.E. C~L 20+08	=	90.0 SQ.YDS.
TOTAL	=	206.0 SQ.YDS.

48202400 BITUMINOUS SHOULDERS SUPERPAVE 6"

Rt. 18+00 ~ 19+19	=	27.2 SQ.YDS.
TOTAL	=	27.2 SQ.YDS.

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

SCHEDULE OF QUANTITIES

F.A.U. 7700/LOGAN AVE.

CITY OF MATTOON

SECTION 05-00143-00-RS

ROUTE: F.A.U. 7700

LOGAN AVE.

JOB#: C-97-060-06 CONTRACT#: 95479

PROJ#: M5042(14)

COLES COUNTY

SHEET 17 OF 43

X4066424 BIT. CONC. SFE. CSE. SP D N50

Lt. ~ Rt., 120+74 ~ 147+63 = 590 TON
 TOTAL = 590 TON

40600100 BIT. MATERIALS (PRIME COAT)

Lt. ~ Rt., 120+74 ~ 147+63 = 845 GALLON
 TOTAL = 845 GALLON

40600300 AGGREGATE (PRIME COAT)

Lt. ~ Rt., 120+74 ~ 147+63 = 9.0 TON
 TOTAL = 9.0 TON

40600980 BIT. SURF. REMOVAL BUTT JT.

Lt. ~ Rt., 120+74 ~ 120+99 = 134.0 SQ.YDs.
 20' Lt. ~ Rt., 147+38-46' Lt. ~ 55' Rt., 147+63 = 224.0 SQ.YDs.
 TOTAL = 358.0 SQ.YDs.

40800400 INCIDENTAL BIT. SURFACING

PRAIRIE St. 14'~16' Lt., C~L 128+07 = 0.7 TON
 RICHMOND AVE., 14'~16' Lt., C~L 132+07 = 0.8 TON
 RICHMOND AVE., 14'~16' Rt., C~L 132+07 = 1.5 TON
 MOULTRIE AVE., 14'~16' Lt., C~L 143+59 = 0.8 TON
 TOTAL = 3.8 TON

60300350 MANHOLE FRAMES ADJUST

10' Rt., 124+50 = 1.0 EACH
 5' Lt., 131+85 = 1.0 EACH
 TOTAL = 2.0 EACH

78000200 THERMOPLASTIC PVT MK LINE 4"

C~L, 121+70 ~ 147+20 = 600.0 FOOT
 DASHED 10' YELLOW 4" = 180.0 FOOT
 C~L, 120+50 ~ 121+40 = 175.0 FOOT
 DOUBLE SOLID YELLOW LINE 4" = 2,650.0 FOOT
 SOLID WHITE LINE 4" = 2,580.0 FOOT
 Lt. 120+70 ~ 12' Lt. 147+20 = 2,650.0 FOOT
 Rt. 121+40 ~ 12' Rt. 147+20 = 2,580.0 FOOT
 SOLID WHITE EDGE LINE 4" = 6,185.0 FOOT
 TOTAL = 6,185.0 FOOT

78000100 THERMOPLASTIC PVT MK LTR & SYM

6.0' Lt., 120+70 = 26.0 SQ.FT.
 6.0' Lt., 121+00 = 26.0 SQ.FT.
 18.0' Lt., 120+70 = 15.6 SQ.FT.
 18.0' Lt., 121+00 = 15.6 SQ.FT.
 TOTAL = 83.2 SQ.FT.

78000400 THERMOPLASTIC PVT MK LINE 6"

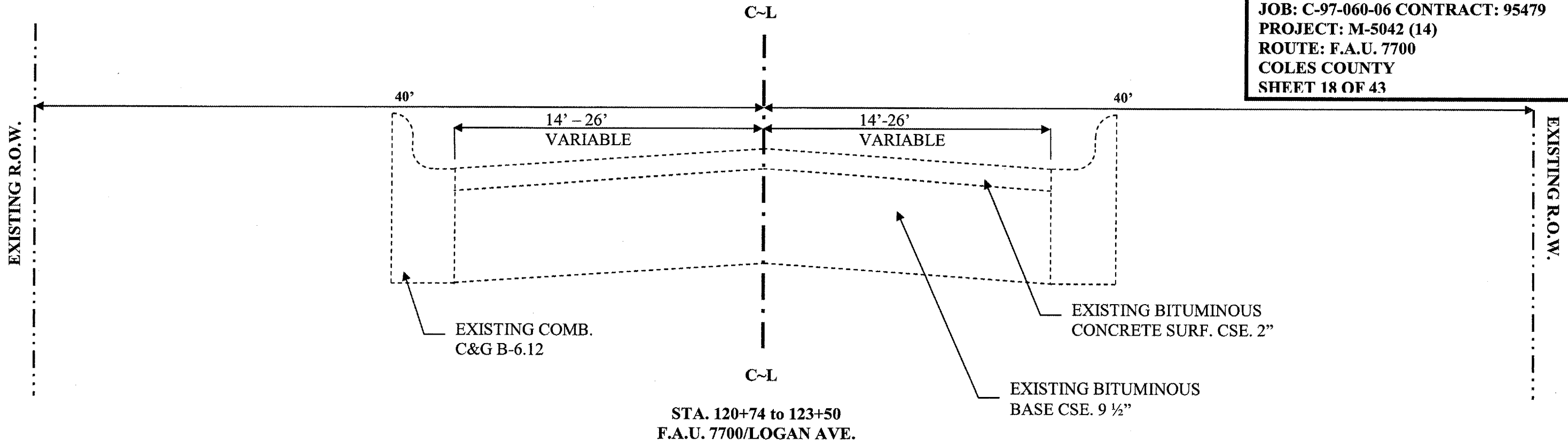
14.1' Lt. ~ Rt., 124+46 = 28.2 FOOT
 14.1' Lt. ~ Rt., 124+52 = 28.2 FOOT
 14.1' Lt. ~ Rt., 131+55 = 28.2 FOOT
 14.1' Lt. ~ Rt., 131+61 = 28.2 FOOT
 SOLID WHITE CROSSWALK 6" = 112.8 FOOT
 TOTAL = 112.8 FOOT

78000650 THERMOPLASTIC PVT MK LINE 24"

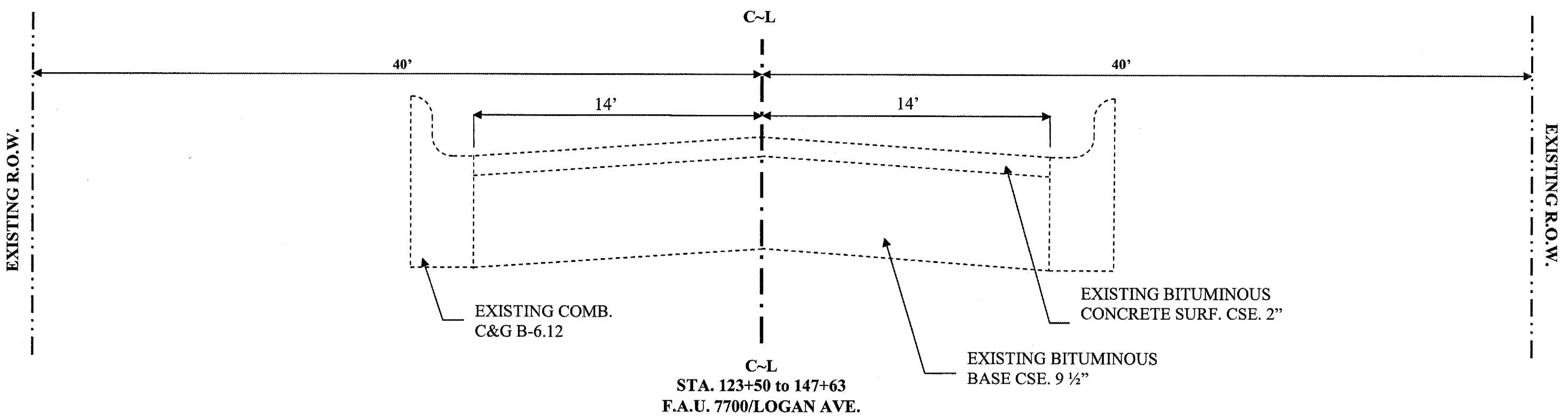
C~L ~ 35' Lt., 120+48 = 35.0 FOOT
 C~L ~ 20' Rt., 123+51 = 20.0 FOOT
 C~L ~ 14.1' Lt., 124+58 = 14.1 FOOT
 C~L ~ 14.1' Rt., 131+49 = 14.1 FOOT
 C~L ~ 14.1' Lt., 132+48 = 14.1 FOOT
 C~L ~ 15' Rt., 147+24 = 15.0 FOOT
 SOLID WHITE 24" STOP BAR = 112.3 FOOT
 TOTAL = 112.3 FOOT

EXISTING TYPICAL CROSS SECTION

CITY OF MATTOON
SECTION 05-00143-00-RS
JOB: C-97-060-06 CONTRACT: 95479
PROJECT: M-5042 (14)
ROUTE: F.A.U. 7700
COLES COUNTY
SHEET 18 OF 43

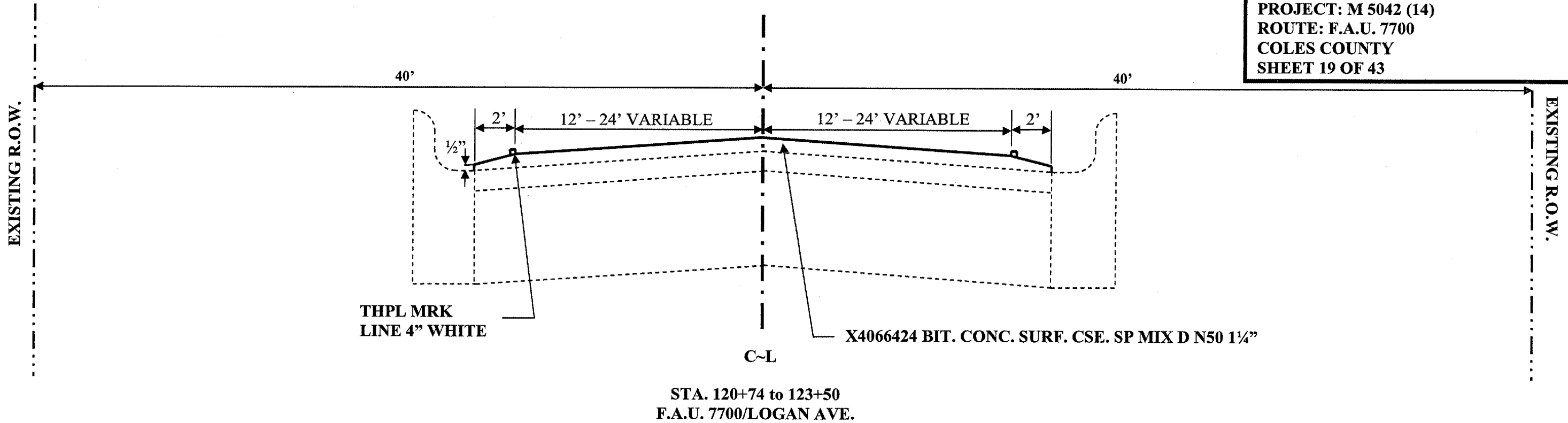


EXISTING TYPICAL CROSS SECTIONS

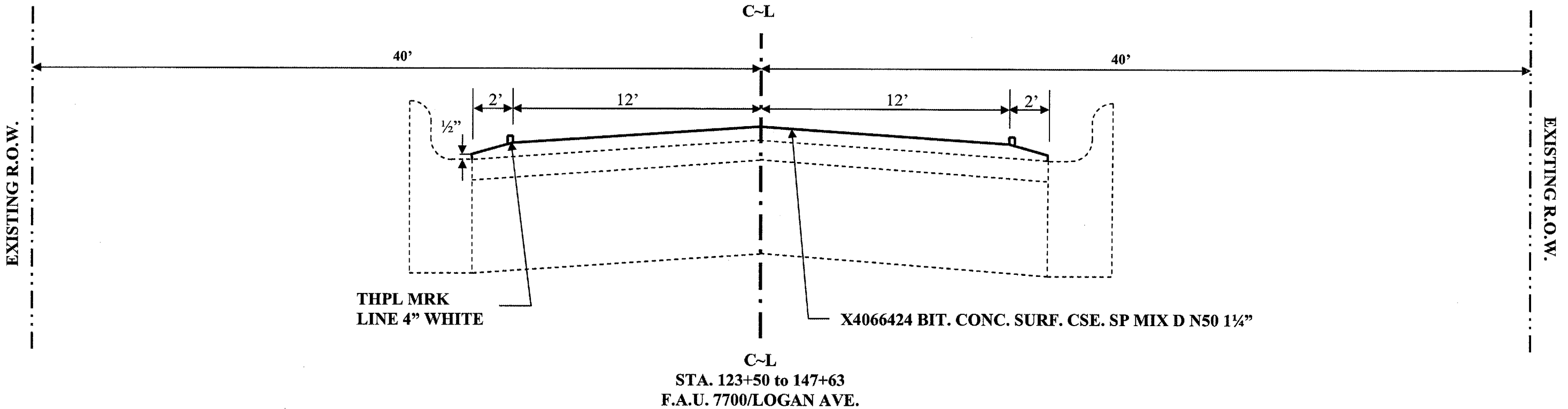


PROPOSED TYPICAL CROSS SECTION

CITY OF MATTOON
SECTION 05-00143-00-RS
JOB: C-97-060-06 CONTRACT: 95479
PROJECT: M 5042 (14)
ROUTE: F.A.U. 7700
COLES COUNTY
SHEET 19 OF 43

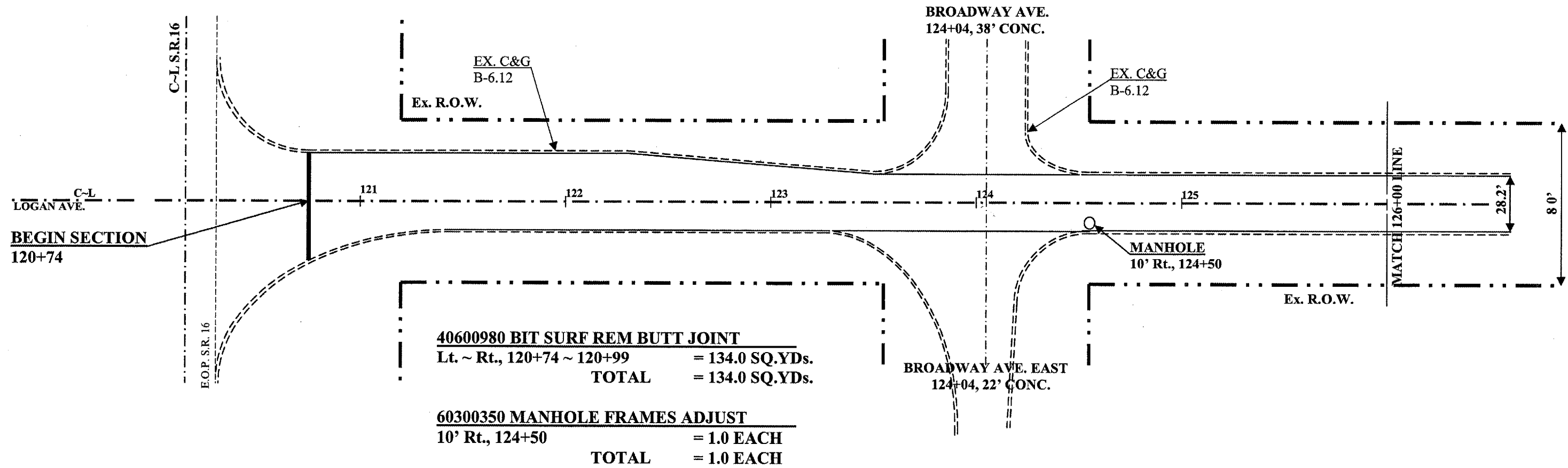


PROPOSED TYPICAL CROSS SECTIONS



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7700
LOGAN AVE.
COLES COUNTY
SHEET 20 OF 43



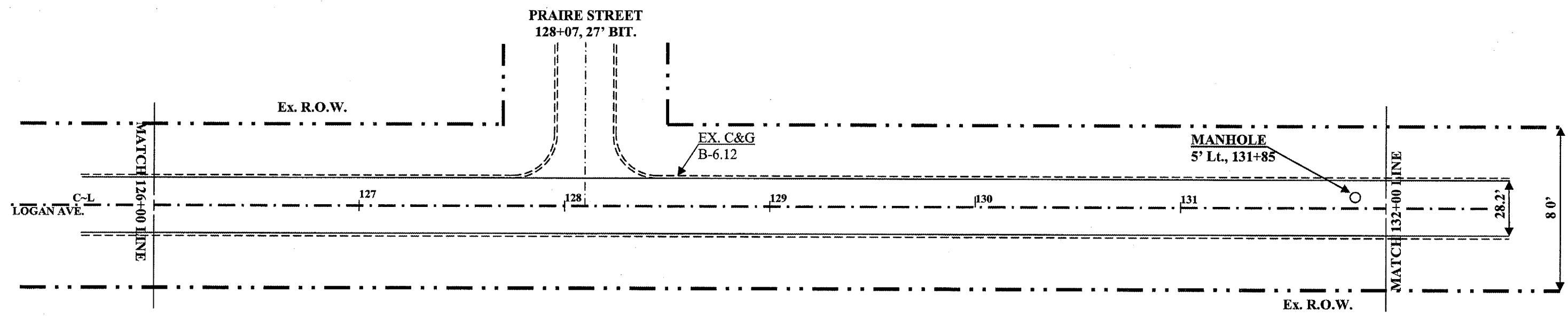
40600980 BIT SURF REM BUTT JOINT
 Lt. ~ Rt., 120+74 ~ 120+99 = 134.0 SQ.YDs.
TOTAL = 134.0 SQ.YDs.

60300350 MANHOLE FRAMES ADJUST
 10' Rt., 124+50 = 1.0 EACH
TOTAL = 1.0 EACH

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7700
LOGAN AVE.
COLES COUNTY
SHEET 21 OF 43



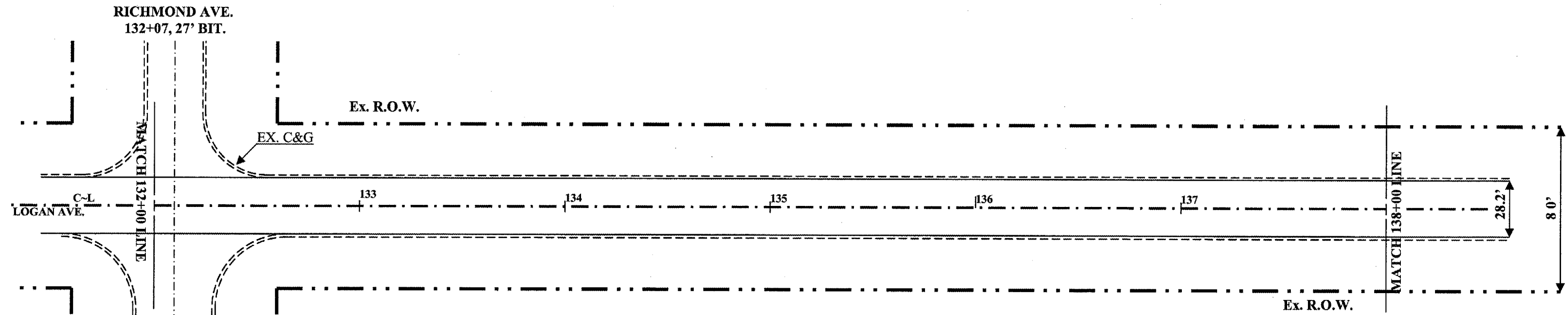
60300350 MANHOLE FRAMES ADJUST
 5' Lt., 131+85 = 1.0 EACH
TOTAL = 1.0 EACH

40800040 INCIDENTAL BITUMINOUS SURFACING
 PRAIRE St. 14'~16' Lt., C~L 128+07 = 0.7 TON
TOTAL = 0.7 TON

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7700
LOGAN AVE.
COLES COUNTY
SHEET 22 OF 43



RICHMOND AVE.
132+07, 27' BIT.

Ex. R.O.W.

EX. C&G

C-L
LOGAN AVE.

133

134

135

136

137

MATCH 138+00 LINE

28.2'

80'

Ex. R.O.W.

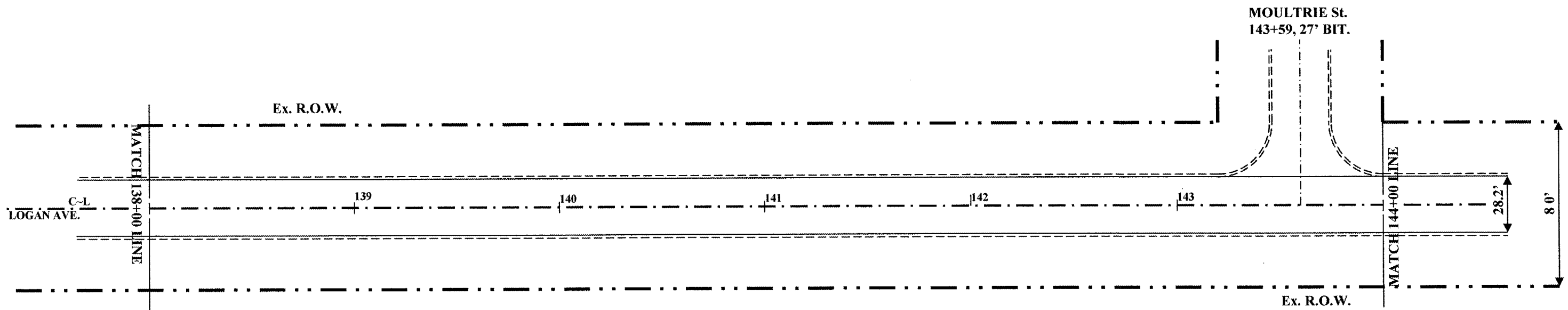
RICHMOND AVE.
132+07, 36' CONC.

40800040 INCIDENTAL BITUMINOUS SURFACING	
RICHMOND AVE., 14'~16' Lt., C~L 132+07	= 0.8 TON
RICHMOND AVE., 14'~16' Rt., C~L 132+07	= 1.5 TON
TOTAL	= 2.3 TON

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7700
LOGAN AVE.
COLES COUNTY
SHEET 23 OF 43

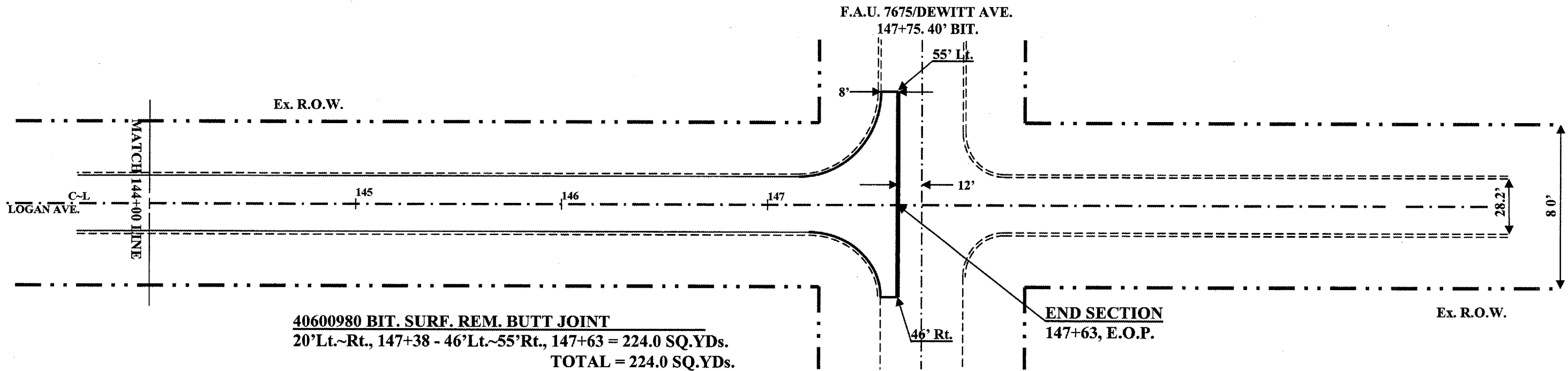


40800040 INCIDENTAL BITUMINOUS SURFACING
MOULTRIE AVE., 14'~16' Lt., C~L 143+59 = 0.8 TON
TOTAL = 0.8 TON

JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'

PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7700
LOGAN AVE.
COLES COUNTY
SHEET 24 OF 43



JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'

SCHEDULE OF QUANTITIES

F.A.U. 7675/LAFAYETTE AVE.

CITY OF MATTOON
 SECTION 05-00143-00-RS
 ROUTE: F.A.U. 7675
 LAFAYETTE AVE.
 JOB#: C-97-060-06 CONTRACT#: 95479
 PROJ#: M5042(14)
 COLES COUNTY
 SHEET 25 OF 43

X4066414 BIT. CONC. SFE. CSE. SP C N50
 Lt. ~ Rt., 0+15 ~ 29+24 = 510.0 TON
 P.E. <2' DRIVEWAY APRONS = 10.0 TON
 TOTAL = 520.0 TON

40600100 BIT. MATERIALS (PRIME COAT)
 Lt. ~ Rt., 0+15 ~ 29+24 = 715 GALLON
 TOTAL = 715 GALLON

40600300 AGGREGATE (PRIME COAT)
 Lt. ~ Rt., 0+15 ~ 29+24 = 8.0 TON
 TOTAL = 8.0 TON

40600980 BIT. SURF. REMOVAL BUTT JT.
 Lt. ~ Rt., 0+15 ~ 0+35 = 136.0 SQ.YDs.
 30'~40' Rt., C~L E. RIDGE 8+68 = 34.0 SQ.YDs.
 11' Lt. ~ Rt., 29+04 ~ 29+24 = 49.0 SQ.YDs.
 TOTAL = 219.0 SQ.YDs.

44000001 BIT. SURFACE REMOVAL 1/4"
 20'Lt. ~Rt.,0+35 ~ 11'Lt.~Rt. 0+53 = 62.0 SQ.YDs.
 11'Lt. ~ Rt., 0+53 ~ 29+04 = 6,969.0 SQ.YDs.
 TOTAL = 7,031.0 SQ.YDs.

40800400 INCIDENTAL BIT. SURFACING
 P.E. 1+55 Lt., 11' ~ 15' Lt. = 0.3 TON
 P.E. 3+44 Lt., 11' ~ 30' Lt. = 1.1 TON
 S. 5th St., C~L 3+91, 11'~17'Lt. = 1.4 TON
 P.E. 5+99 Lt., 11' ~ 15' Lt. = 0.3 TON
 P.E. 6+61 Lt., 11' ~ 23' Lt. = 0.8 TON
 P.E. 6+79 Lt., 11' ~ 17' Lt. = 0.4 TON
 P.E. 8+32 Rt., 11' ~ 17' Rt. = 0.5 TON
 ELM RIDGE St. 8+68 Rt., 11' ~ 35' Rt. = 10.0 TON
 P.E. 9+19 Lt., 11' ~ 15' Lt. = 0.6 TON
 P.E. 9+69 Rt., 11' ~ 17' Rt. = 1.2 TON
 P.E. 10+54 Rt., 11' ~ 15' Rt. = 0.4 TON
 P.E. 12+04 Rt., 11' ~ 15' Rt. = 0.4 TON
 P.E. 13+14 Lt., 11' ~ 18' Lt. = 1.1 TON
 P.E. 13+46 Rt., 11' ~ 15' Lt. = 0.5 TON
 P.E. 17+34 Lt., 11' ~ 23' Lt. = 1.1 TON
 P.E. 17+80 Rt., 11' ~ 17' Rt. = 0.6 TON
 P.E. 18+62 Lt., 11' ~ 23' Lt. = 0.9 TON
 P.E. 20+27 Rt., 11' ~ 19' Rt. = 0.6 TON
 P.E. 20+53 Rt., 11' ~ 19' Rt. = 0.4 TON
 P.E. 20+58 Lt., 11' ~ 19' Lt. = 0.5 TON
 P.E. 21+85 Rt., 11' ~ 14' Rt. = 0.3 TON
 P.E. 24+79 Rt., 11' ~ 17' Rt. = 0.5 TON
 P.E. 25+72 Rt., 11' ~ 18' Rt. = 0.8 TON
 TOTAL = 24.7 TON

44201761 CLASS D PATCHES TYPE 1 10"
 1.5' ~ 11' Rt., 15+41 ~ 15+45 = 4.5 SQ.YDs.
 C~L ~11'Rt., 20+35 ~ 20+39 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 21+36 ~ 21+40 = 4.9 SQ.YDs.
 C~L ~ 11' Lt., 22+37 ~ 22+41 = 4.9 SQ.YDs.
 C~L ~ 11' Lt., 25+43 ~ 25+47 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 26+43 ~ 26+47 = 4.9 SQ.YDs.
 TOTAL = 29.0 SQ.YDs.

44201765 CLASS D PATCHES TYPE 2 10"
 C~L ~ 11' Rt., 16+34 ~ 16+39 = 6.5 SQ.YDs.
 C~L ~ 11' Lt., 16+34 ~ 16+39 = 6.5 SQ.YDs.
 C~L ~ 11' Lt., 20+31 ~ 20+38 = 9.0 SQ.YDs.
 C~L ~ 11' Rt., 22+37 ~ 22+42 = 6.5 SQ.YDs.
 C~L ~ 11' Lt., 26+41 ~ 26+47 = 7.5 SQ.YDs.
 TOTAL = 36.0 SQ.YDs.

60300350 MANHOLE FRAMES ADJUST
 3' Lt., 2+65 = 1.0 EACH
 9' Lt., 3+78 = 1.0 EACH
 3' Lt., 3+78 = 1.0 EACH
 21' Rt., 8+54 = 1.0 EACH
 1' Lt., 28+40 = 1.0 EACH
 3' Lt., 28+95 = 1.0 EACH
 TOTAL = 6.0 EACH

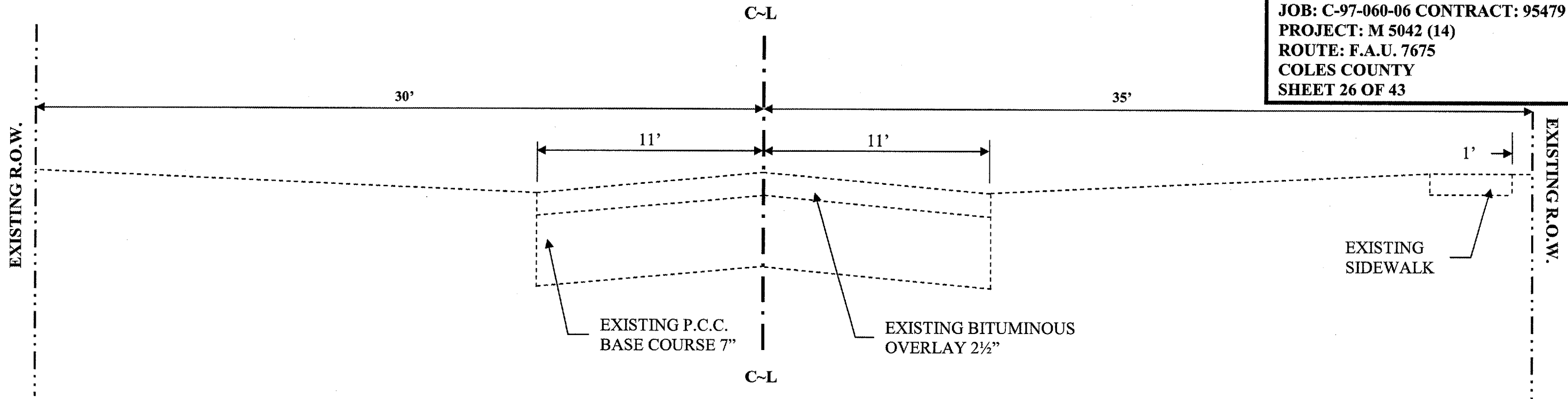
78000200 THERMOPLASTIC PVT MK LINE 4"
 C~L, 0+40 ~ 28+10 = 710.0 FOOT
 DASHED 10' YELLOW 4"
 10'Lt. & Rt., 0+40 ~ 29+24 = 5,768.0 FOOT
 SOLID WHITE EDGE LINE 4"
 TOTAL = 6,478.0 FOOT

78000400 THERMOPLASTIC PVT MK LINE 6"
 20' Lt. ~ 23' Rt., 0+25 = 43.0 FOOT
 20' Lt. ~ 23' Rt., 0+31 = 43.0 FOOT
 29'Rt., E. RIDGE C~L 8+68 = 30.0 FOOT
 35'Rt., E. RIDGE C~L 8+68 = 30.0 FOOT
 13' Lt. ~ 11' Rt., 28+19 = 24.0 FOOT
 13' Lt. ~ 11' Rt., 28+25 = 24.0 FOOT
 SOLID WHITE CROSS WALK 6"
 TOTAL = 194.0 FOOT

78000650 THERMOPLASTIC PVT MK LINE 24"
 C~L ~ 16' Lt., 0+37 = 16.0 FOOT
 C~L ~ 11' Rt., 28+13 = 11.0 FOOT
 C~L ~ 11' Lt., 28+95 = 11.0 FOOT
 SOLID WHITE 24" STOP BAR
 TOTAL = 38.0 FOOT

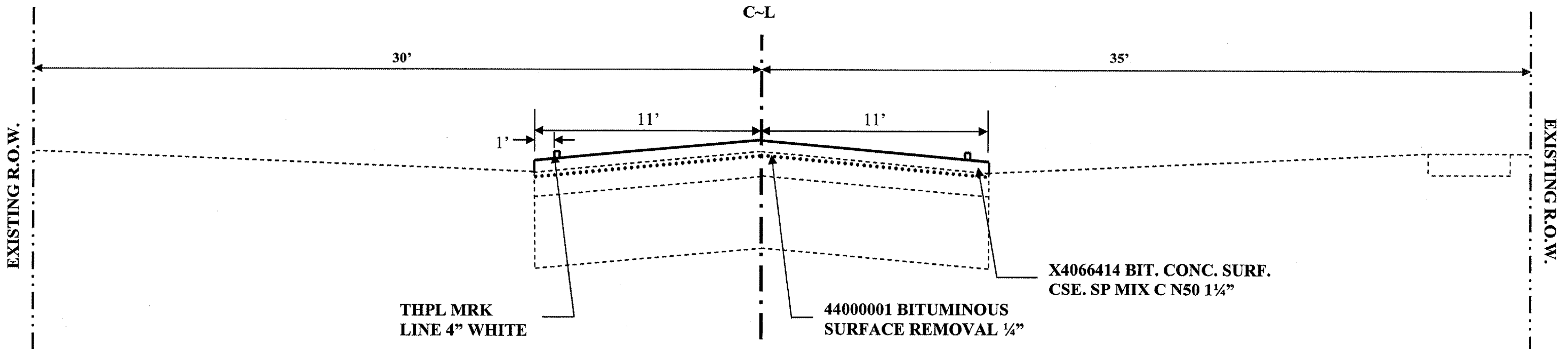
EXISTING TYPICAL CROSS SECTION

CITY OF MATTOON
SECTION 05-00143-00-RS
JOB: C-97-060-06 CONTRACT: 95479
PROJECT: M 5042 (14)
ROUTE: F.A.U. 7675
COLES COUNTY
SHEET 26 OF 43



STA. 0+15 to 29+24
F.A.U. 7675/LAFAYETTE AVE.

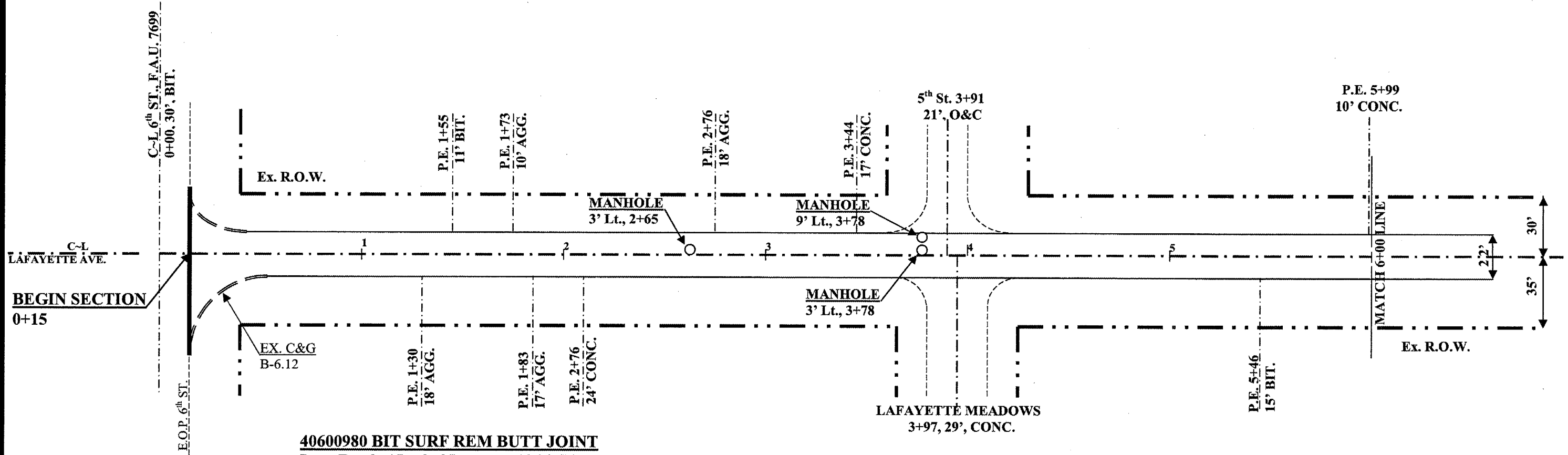
PROPOSED TYPICAL CROSS SECTIONS



STA. 0+15 to 29+24
F.A.U. 7675/LAFAYETTE

PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U.7675
LAFAYETTE AVENUE
COLES COUNTY
SHEET 27 OF 43



40600980 BIT SURF REM BUTT JOINT
 Lt. ~ Rt., 0+15 ~ 0+35 = 136.0 SQ.YDs.
TOTAL = 136.0 SQ.YDs.

44000001 BIT SURFACE REMOVAL 1/4"
 Lt. ~ Rt., 0+35 ~ 6+00 = 1398.4 SQ.YDs.
TOTAL = 1398.4 SQ.YDs.

60300350 MANHOLE FRAMES ADJUST
 3' Lt., 2+65 = 1.0 EACH
 9' Lt., 3+78 = 1.0 EACH
 3' Lt., 3+78 = 1.0 EACH
TOTAL = 3.0 EACH

40800040 INCIDENTAL BITUMINOUS SURFACING
 P.E. 1+55 Lt., 11' ~ 15' Lt. = 0.3 TON
 P.E. 3+44 Lt., 11' ~ 30' Lt. = 1.1 TON
 S. 5th St., C~L 3+91, 11'~17'Lt. = 1.4 TON
 P.E. 5+99 Lt., 11' ~ 15' Lt. = 0.3 TON
TOTAL = 3.1 TON

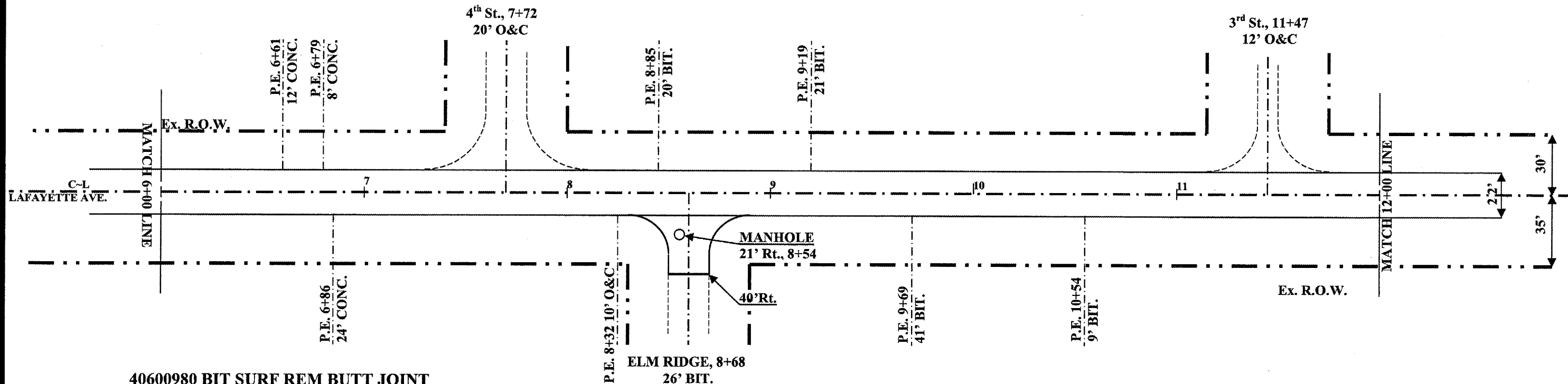
NOTE: SEE P.E. & C.E. DETAIL SHEET FOR DETAILS OF ENTRANCES

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U.7675
LAFAYETTE AVENUE
COLES COUNTY
SHEET 28 OF 43



40600980 BIT SURF REM BUTT JOINT

30'~40' Rt., C~L E. RIDGE 8+68 = 34.0 SQ.YDs.
TOTAL = 34.0 SQ.YDs.

44000001 BIT SURFACE REMOVAL 1/4"

11' Lt. ~ Rt., 6+00 ~ 12+00 = 1466.7 SQ.YDs.
TOTAL = 1466.7 SQ.YDs.

60300350 MANHOLE FRAMES ADJUST

21' Rt., 8+54 = 1.0 EACH
TOTAL = 1.0 EACH

40800040 INCIDENTAL BITUMINOUS SURFACING

P.E. 6+61 Lt., 11' ~ 23' Lt.	= 0.8 TON
P.E. 6+79 Lt., 11' ~ 17' Lt.	= 0.4 TON
P.E. 8+32 Rt., 11' ~ 17' Rt.	= 0.5 TON
ELM RIDGE St. 8+68 Rt., 11' ~ 35' Rt.	= 10.0 TON
P.E. 9+19 Lt., 11' ~ 15' Lt.	= 0.6 TON
P.E. 9+69 Rt., 11' ~ 17' Rt.	= 1.2 TON
P.E. 10+54 Rt., 11' ~ 15' Rt.	= 0.4 TON
TOTAL	= 13.9 TON

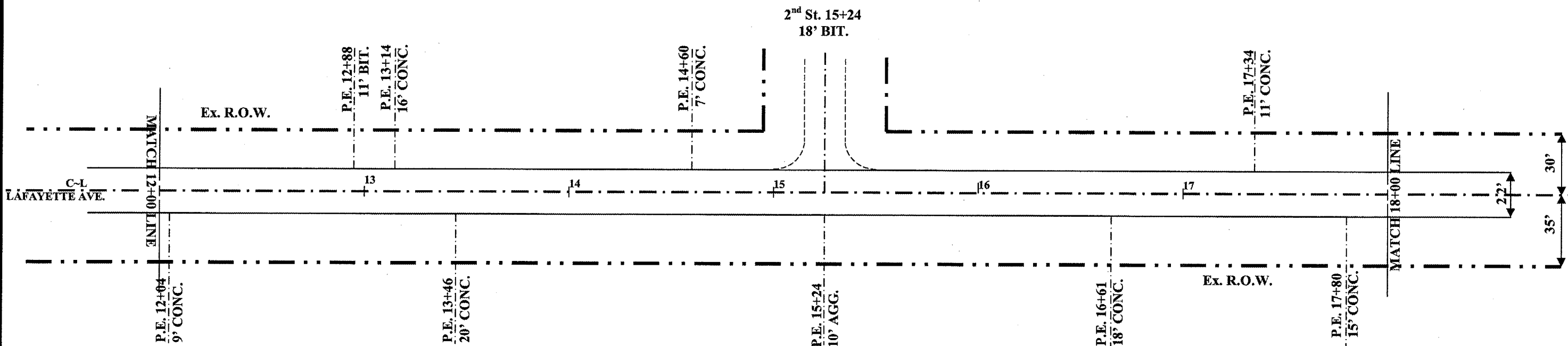
NOTE: SEE P.E. & C.E. DETAIL SHEET FOR
 DETAILS OF ENTRANCES

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U.7675
LAFAYETTE AVENUE
COLES COUNTY
SHEET 29 OF 43



44000001 BIT SURFACE REMOVAL 1/4"
 11' Lt. ~ Rt., 12+00 ~ 18+00 = 1466.7 SQ.YDs.
TOTAL = 1466.7 SQ.YDs

44201761 CLASS D PATCHES TYPE 1 10"
 1.5' ~ 11' Rt., 15+41 ~ 15+45 = 4.5 SQ.YDs.
TOTAL = 4.5 SQ.YDs.

44201765 CLASS D PATCHES TYPE 2 10"
 C~L ~ 11' Rt., 16+34 ~ 16+39 = 6.5 SQ.YDs.
 C~L ~ 11' Lt., 16+34 ~ 16+39 = 6.5 SQ.YDs.
TOTAL = 13.0 SQ.YDs.

40800040 INCIDENTAL BITUMINOUS SURFACING
 P.E. 12+04 Rt., 11' ~ 15' Rt. = 0.4 TON
 P.E. 13+14 Lt., 11' ~ 18' Lt. = 1.1 TON
 P.E. 13+46 Rt., 11' ~ 15' Lt. = 0.5 TON
 P.E. 17+34 Lt., 11' ~ 23' Lt. = 1.1 TON
 P.E. 17+80 Rt., 11' ~ 17' Rt. = 0.6 TON
TOTAL = 3.7 TON

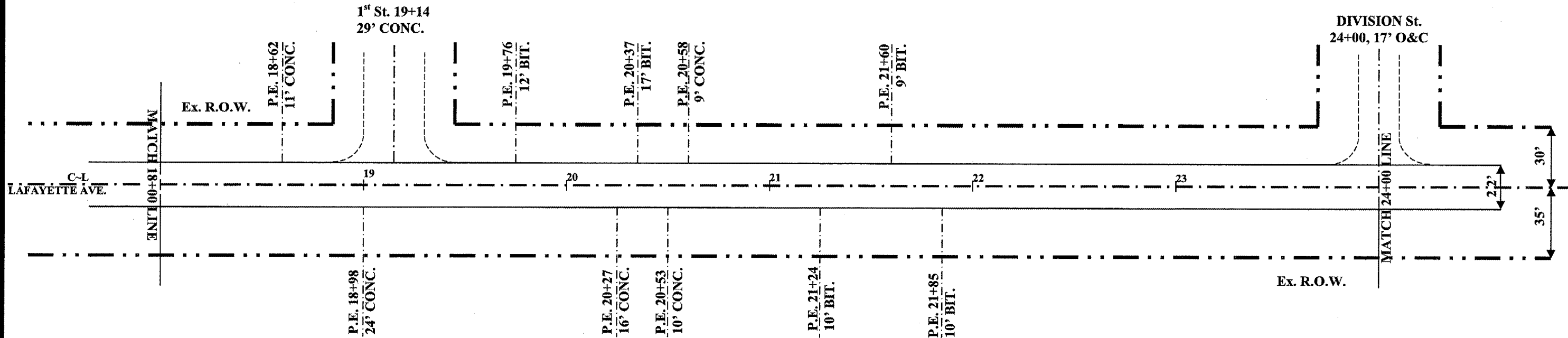
**NOTE: SEE P.E. & C.E. DETAIL SHEET
 FOR DETAILS OF ENTRANCES**

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U.7675
LAFAYETTE AVENUE
COLES COUNTY
SHEET 30 OF 43



44000001 BIT SURFACE REMOVAL 1/4"
 11' Lt. ~ Rt., 18+00 ~ 24+00 = 1466.7 SQ.YDs.
TOTAL = 1466.7 SQ.YDs.

44201761 CLASS D PATCHES TYPE 1 10"
 C~L ~ 11' Rt., 20+35 ~ 20+39 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 21+36 ~ 21+40 = 4.9 SQ.YDs.
 C~L ~ 11' Lt., 22+37 ~ 22+41 = 4.9 SQ.YDs.
TOTAL = 14.7 SQ.YDs.

44201765 CLASS D PATCHES TYPE 2 10"
 C~L ~ 11' Lt., 20+31 ~ 20+38 = 9.0 SQ.YDs.
 C~L ~ 11' Rt., 22+37 ~ 22+42 = 6.5 SQ.YDs.
TOTAL = 15.5 SQ.YDs.

40800040 INCIDENTAL BITUMINOUS SURFACING
 P.E. 18+62 Lt., 11' ~ 23' Lt. = 0.9 TON
 P.E. 20+27 Rt., 11' ~ 19' Rt. = 0.6 TON
 P.E. 20+53 Rt., 11' ~ 19' Rt. = 0.4 TON
 P.E. 20+58 Lt., 11' ~ 19' Lt. = 0.5 TON
 P.E. 21+85 Rt., 11' ~ 14' Rt. = 0.3 TON
TOTAL = 2.7 TON

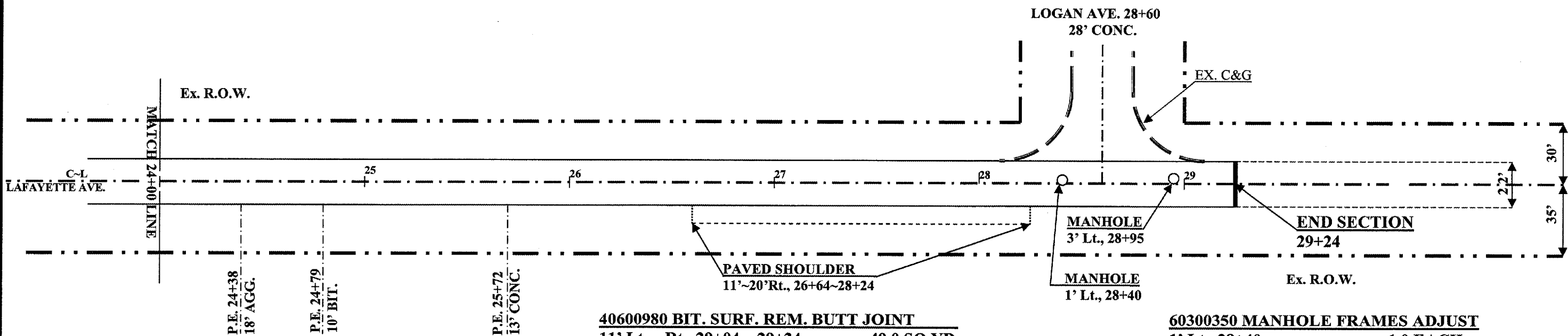
**NOTE: SEE P.E. & C.E. DETAIL SHEET
 FOR DETAILS OF ENTRANCES**

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U.7675
LAFAYETTE AVENUE
COLES COUNTY
SHEET 31 OF 43



40800040 INCIDENTAL BITUMINOUS SURFACING

P.E. 24+79 Rt., 11' ~ 17' Rt. = 0.5 TON
 P.E. 25+72 Rt., 11' ~ 18' Rt. = 0.8 TON
TOTAL = 1.3 TON

40600980 BIT. SURF. REM. BUTT JOINT

11' Lt. ~ Rt., 29+04 ~ 29+24 = 49.0 SQ.YDs.
TOTAL = 49.0 SQ.YDs.

44000001 BIT SURFACE REMOVAL 1/4"

11' Lt. ~ Rt., 24+00 ~ 29+04 = 1232.5 SQ.YDs.
TOTAL = 1232.5 SQ.YDs.

44201761 CLASS D PATCHES TYPE 1 10"

C~L ~ 11' Lt., 25+43 ~ 25+47 = 4.9 SQ.YDs.
 C~L ~ 11' Rt., 26+43 ~ 26+47 = 4.9 SQ.YDs.
TOTAL = 9.8 SQ.YDs.

44201765 CLASS D PATCHES TYPE 2 10"

C~L ~ 11' Lt., 26+41 ~ 26+47 = 7.5 SQ.YDs.
TOTAL = 7.5 SQ.YDs.

60300350 MANHOLE FRAMES ADJUST

1' Lt., 28+40 = 1.0 EACH
 3' Lt., 28+95 = 1.0 EACH
TOTAL = 2.0 EACH

NOTE: SEE P.E. & C.E. DETAIL SHEET
 FOR DETAILS OF ENTRANCES

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

SCHEDULE OF QUANTITIES

F.A.U. 7669/HOLIDAY DRIVE

CITY OF MATTOON

SECTION 05-00143-00-RS

ROUTE: F.A.U. 7669

HOLIDAY DRIVE

JOB#: C-97-060-06

PROJ#: M-5042(14)

CONTRACT#: 95479

COLES COUNTY

SHEET 32 OF 43

X4066414 BIT. CONC. SFE. CSE. SP C N50

13'Lt.~14'Rt., 0+52 ~ 8+73 = 207.0 TON
 TOTAL = 207.0 TON

40600980 BIT. SURF. REMOVAL BUTT JT.

13' Lt.~14'Rt., 7+28 ~ 8+73 = 423.0 SQ.YDs.
 TOTAL = 423.0 SQ.YDs

44201771 CLASS D PATCHES TYPE 4 10"

4.5'~ 13' Lt., 4+34 ~ 4+65 = 29.3 SQ.YDs.
 TOTAL = 29.3 SQ.YDs.

X4066765 LEVEL BINDER MM C N50

12'Lt.~Rt., 0+52 ~ 7+33 = 77.0 TON
 TOTAL = 77.0 TON

40800400 INCIDENTAL BIT. SURFACING

C.E. 1+00 Rt., 14'~16' Rt. = 1.0 TON
 C.E. 4+53 Lt., 13'~15' Lt. = 0.3 TON
 C.E. 5+14 Lt., 13'~15' Lt. = 0.3 TON
 TOTAL = 1.6 TON

78000200 THERMOPLASTIC PVT MK LINE 4"

C~L, 0+55 ~ 7+60 = 180.0 FOOT
 DASHED 10' YELLOW 4"
 12' Lt. & Rt., 0+55 ~ 6+00 = 1420.0 FOOT
 SOLID WHITE EDGE LANE 4"
 TOTAL = 1600.0 FOOT

40600100 BIT. MATERIALS (PRIME COAT)

Lt. ~ Rt., 0+52 ~ 8+73 = 250 GALLON
 TOTAL = 250 GALLON

44201765 CLASS D PATCHES TYPE 2 10"

4.5' ~ 10.5' Lt., 6+21 ~ 6+41 = 13.4 SQ.YDs.
 TOTAL = 13.4 SQ.YDs.

78000650 THERMOPLASTIC PVT MK LINE 24"

C~L ~ 12' Lt., 0+53 = 12.0 FOOT
 C~L ~ 12' Rt., 7+65 = 12.0 FOOT
 C~L ~ 12' Lt., 8+72 = 12.0 FOOT
 SOLID WHITE 24" STOP BAR
 TOTAL = 36.0 FOOT

40600300 AGGREGATE (PRIME COAT)

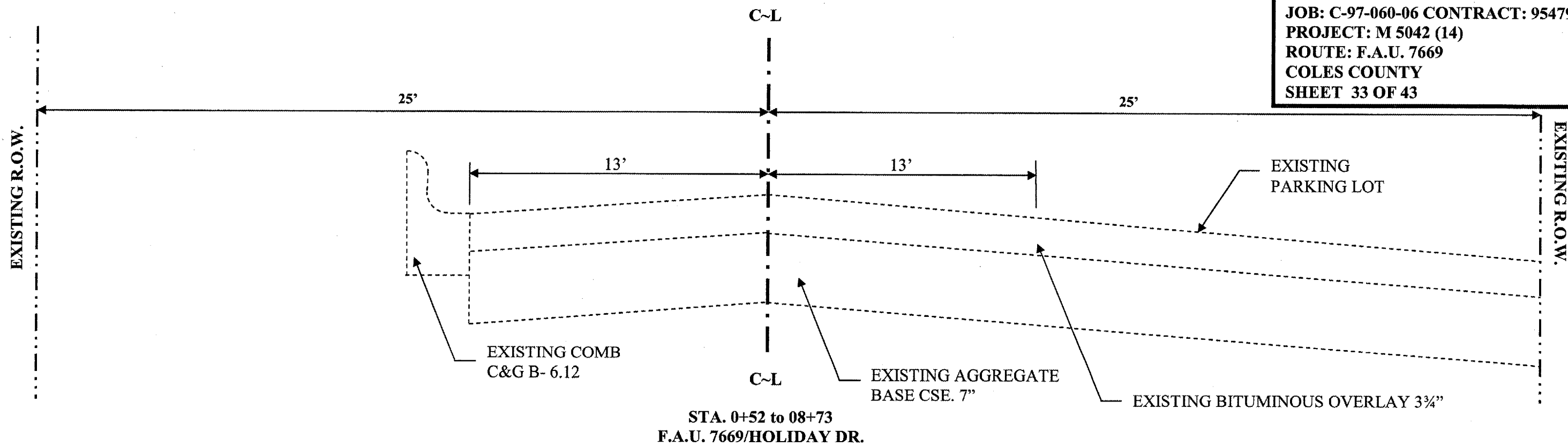
Lt. ~ Rt., 0+52 ~ 8+73 = 2.5 TON
 TOTAL = 2.5 TON

44201769 CLASS D PATCHES TYPE 3 10"

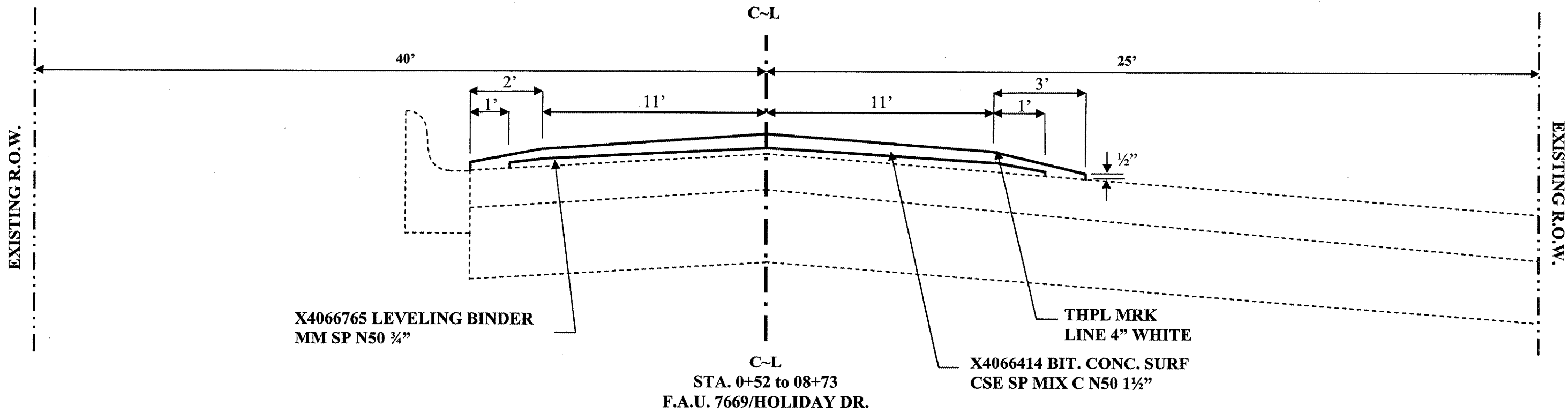
9'~13' Rt., 1+14 ~ 1+49 = 15.6 SQ.YDs.
 TOTAL = 15.6 SQ.YDs.

EXISTING TYPICAL CROSS SECTION

CITY OF MATTOON
SECTION 05-00143-00-RS
JOB: C-97-060-06 CONTRACT: 95479
PROJECT: M 5042 (14)
ROUTE: F.A.U. 7669
COLES COUNTY
SHEET 33 OF 43

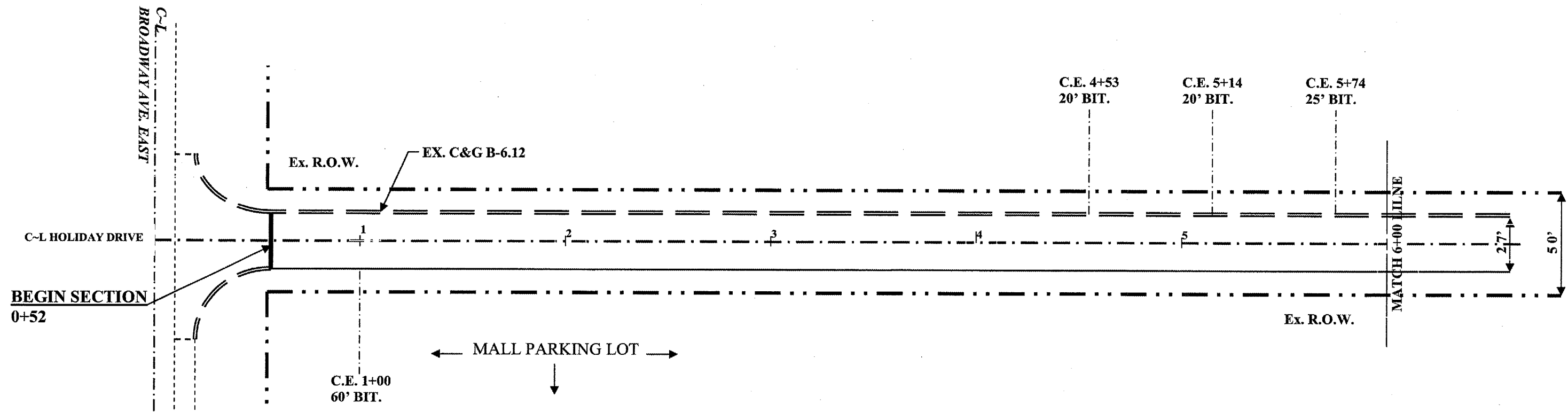


PROPOSED TYPICAL CROSS SECTIONS



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7669
HOLIDAY DRIVE
COLES COUNTY
SHEET 34 OF 43



44201769 CLASS D PATCHES TYPE 3 10"
 9'³~13' Rt., 1+14 ~ 1+49 = 15.6 SQ.YDs.
TOTAL = 15.6 SQ.YDs.

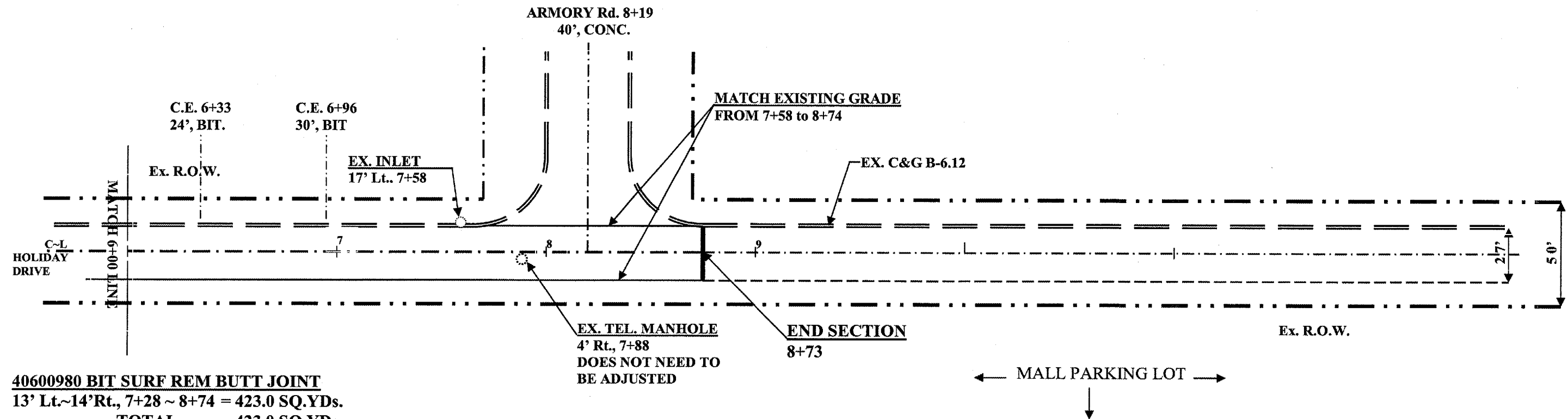
44201771 CLASS D PATCHES TYPE 4 10"
 4.5'³~ 13' Lt., 4+34 ~ 4+65 = 29.3 SQ.YDs.
TOTAL = 29.3 SQ.YDs.

40800040 INCIDENTAL BIT SURFACING
 C.E. 1+00 Rt., 14'³~16' Rt. = 1.0 TON
 C.E. 4+53 Lt., 13'³~15' Lt. = 0.3 TON
 C.E. 5+14 Lt., 13'³~15' Lt. = 0.3 TON
TOTAL = 1.6 TON

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7669
HOLIDAY DRIVE
COLES COUNTY
SHEET 35 OF 43



40600980 BIT SURF REM BUTT JOINT
 13' Lt.~14'Rt., 7+28 ~ 8+74 = 423.0 SQ.YDs.
 TOTAL = 423.0 SQ.YDs

44201765 CLASS D PATCHES TYPE 2 10"
 4.5' ~ 10.5' Lt., 6+21 ~ 6+41 = 13.4 SQ.YDs.
 TOTAL = 13.4 SQ.YDs.

JOB: C-97-060-06
 PROJECT: M-5042(14)
 SCALE: 1" = 50'

SCHEDULE OF QUANTITIES

F.A.U. 7670/WESTERN AVE.

CITY OF MATTOON

SECTION 05-00143-00-RS

ROUTE: F.A.U. 7670

WESTERN AVE.

JOB#: C-97-060-06

PROJ#: M-5042(14)

CONTRACT#: 95479

COLES COUNTY

SHEET 36 OF 43

X4066424 BIT. CONC. SFE. CSE. SP D N50

14' Lt. ~ Rt., 45+69 ~ 81+62	= 763.0 TON
14' ~ 29' Rt., S. 32 nd ST.	= 10.0 TON
14' ~ 50' Rt., LYTLE PARK, C~L 51+45	= 12.0 TON
TOTAL	= 785.0 TON

40600980 BIT. SURF. REMOVAL BUTT JT.

14' Lt. ~ Rt., 45+69 ~ 45+94	= 78.0 SQ.YDs.
20'~29' Rt., 32 nd ST., C~L 58+30	= 65.0 SQ.YDs.
14' Lt. ~ Rt., 81+37 ~ 81+62	= 78.0 SQ.YDs.
TOTAL	= 221.0 SQ.YDs.

78000200 THERMOPLASTIC PVT MK LINE 4"

C~L, 45+70 ~ 81+62	= 890.0 FOOT
<i>DASHED 10' YELLOW 4"</i>	
12' Lt.&Rt., 45+69 ~ 81+62	= 7,186.0 FOOT
<i>SOLID WHITE EDGE LINE 4"</i>	
TOTAL	= 8,076.0 FOOT

40600100 BIT. MATERIALS (PRIME COAT)

Lt. ~ Rt., 45+69 ~ 81+62	= 1,200.0 GALLON
TOTAL	= 1,200.0 GALLON

56109210 WATER VALVES ADJUST

24' Rt., 57+96	= 1.0 EACH
TOTAL	= 1.0 EACH

78000400 THERMOPLASTIC PVT MK LINE 6"

14' Lt. ~ Rt., 57+89.5	= 28.0 FOOT
14' Lt. ~ Rt., 57+95.5	= 28.0 FOOT
<i>SOLID WHITE CROSS WALK 6"</i>	
TOTAL	= 56.0 FOOT

40600300 AGGREGATE (PRIME COAT)

Lt. ~ Rt., 45+69 ~ 81+62	= 12.0 TON
TOTAL	= 12.0 TON

60300350 MANHOLE FRAMES ADJUST

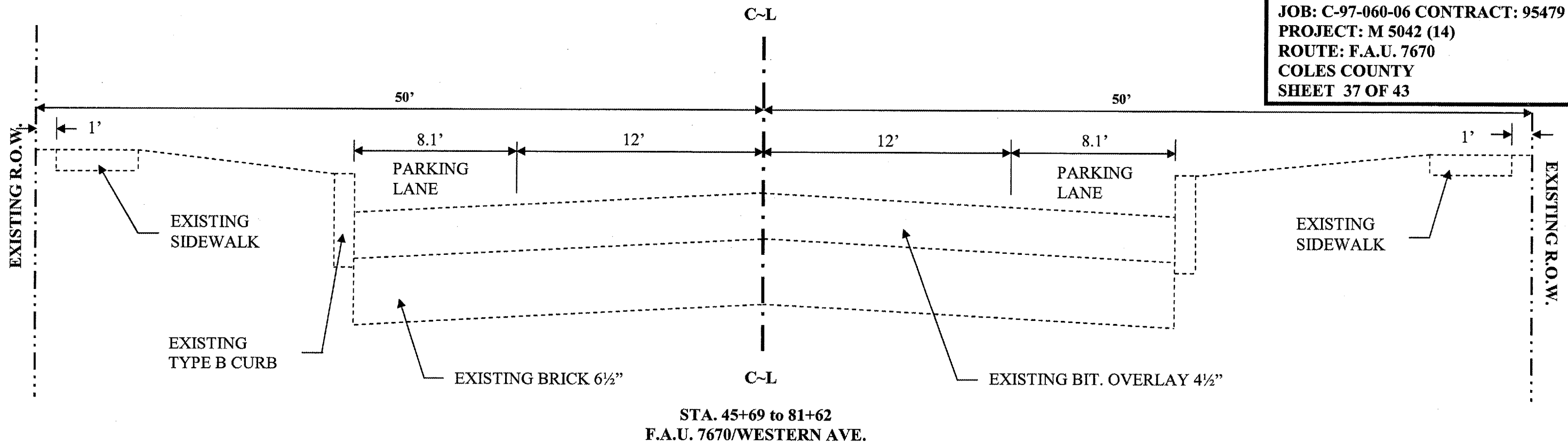
10' Lt., 78+64	= 1.0 EACH
8' Lt., 81+27	= 1.0 EACH
TOTAL	= 2.0 EACH

78000650 THERMOPLASTIC PVT MK LINE 24"

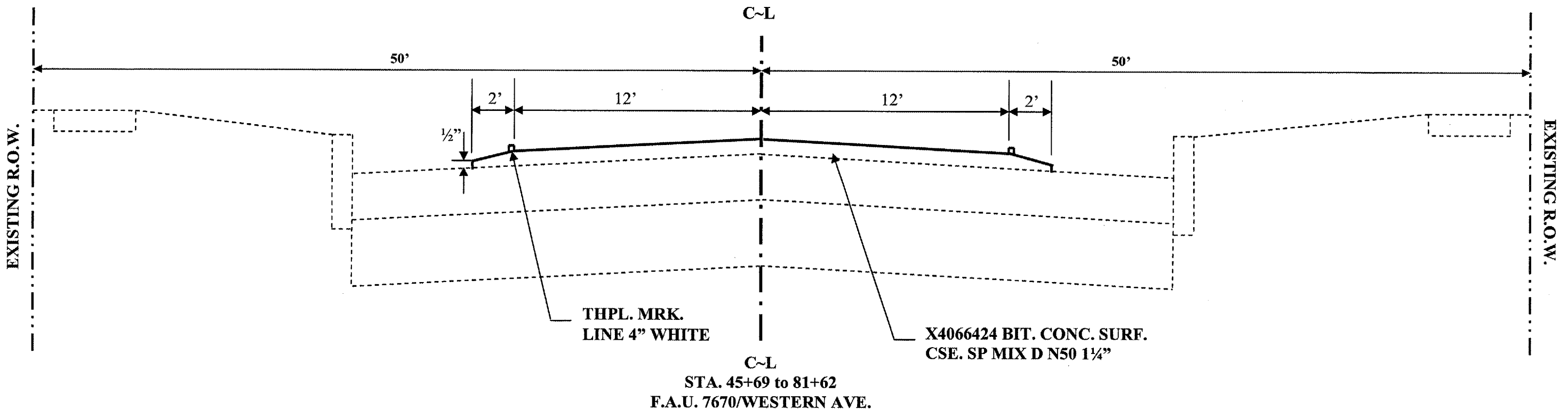
C~L ~ 12' Rt., 57+81.5	= 12.0 FOOT
C~L ~ 12' Lt., 58+65	= 12.0 FOOT
<i>SOLID WHITE 24" STOP BAR</i>	
TOTAL	= 24.0 FOOT

EXISTING TYPICAL CROSS SECTION

CITY OF MATTOON
SECTION 05-00143-00-RS
JOB: C-97-060-06 CONTRACT: 95479
PROJECT: M 5042 (14)
ROUTE: F.A.U. 7670
COLES COUNTY
SHEET 37 OF 43



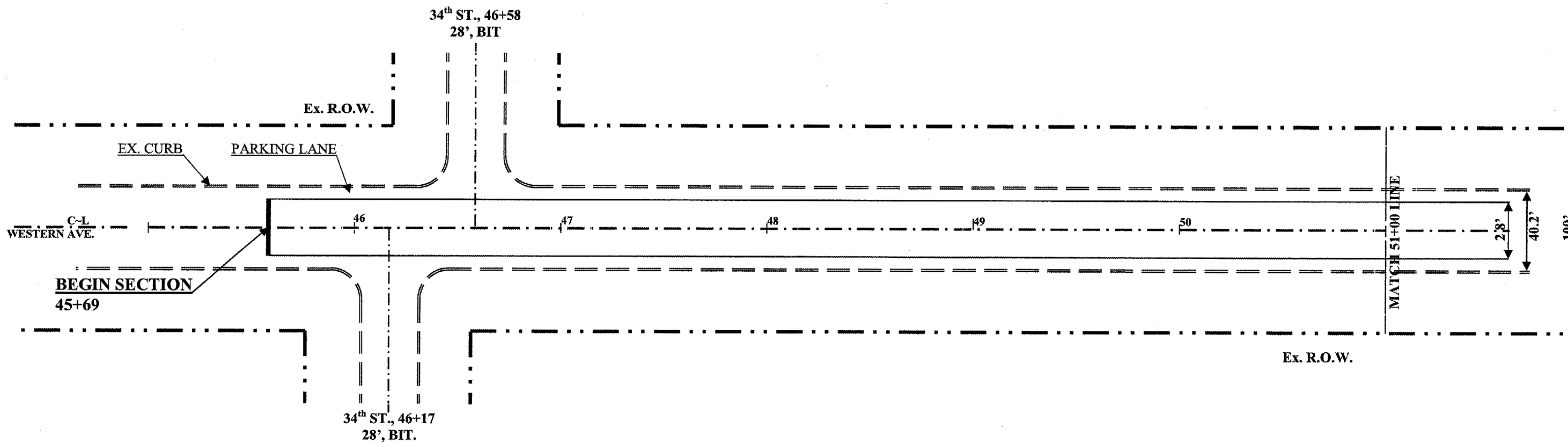
PROPOSED TYPICAL CROSS SECTIONS





PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7670
WESTERN AVE.
COLES COUNTY
SHEET 38 OF 43



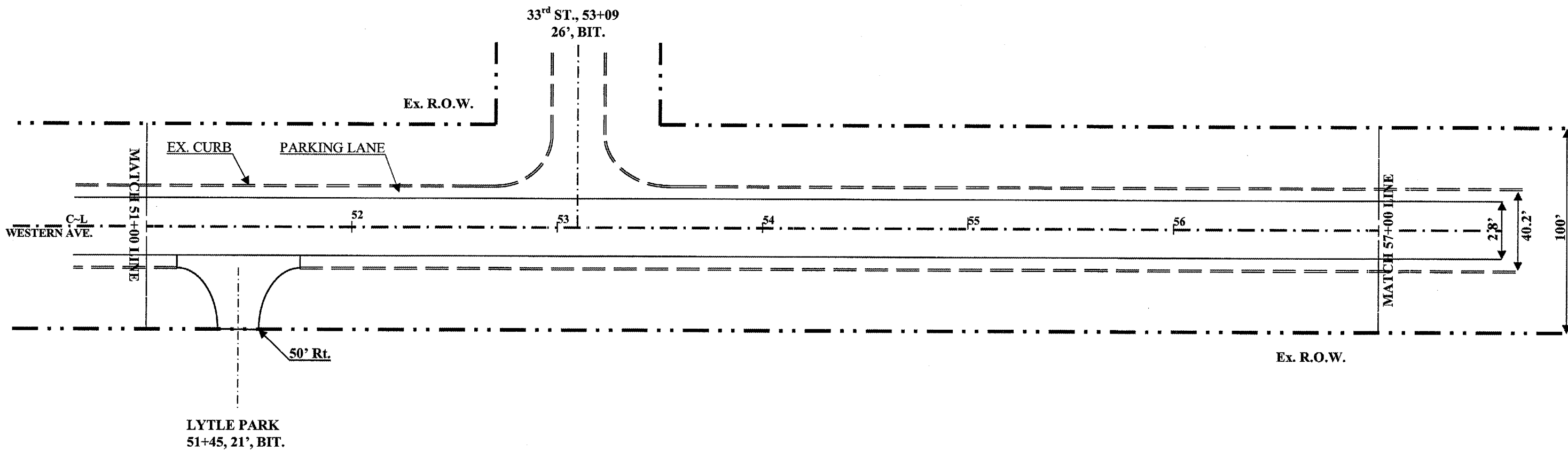
40600980 BIT SURF REM BUTT JOINT
14' Lt. ~ Rt., 45+69 ~ 45+94 = 78.0 SQ.YDs.
TOTAL = 78.0 SQ.YDs.

JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7670
WESTERN AVE.
COLES COUNTY
SHEET 39 OF 43

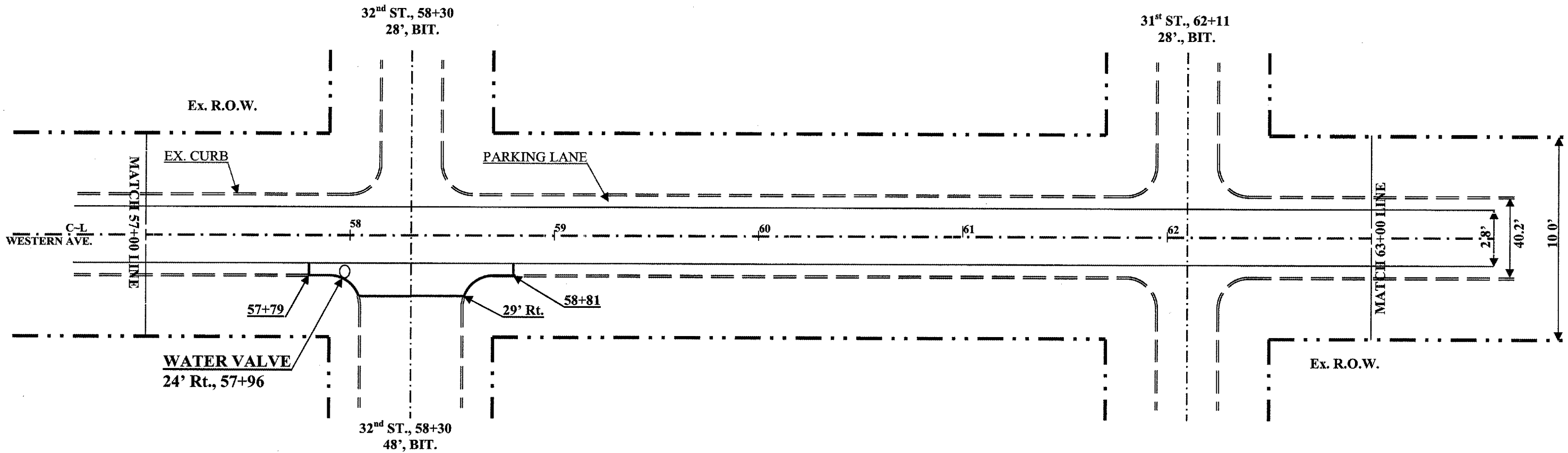


JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7670
WESTERN AVE.
COLES COUNTY
SHEET 40 OF 43



40600980 BIT SURF REM BUTT JOINT

20'~29' Rt., 32nd ST., C~L 58+30 = 65.0 SQ.YDs.

TOTAL = 65.0 SQ.YDs.

56109210 WATER VALVES ADJUST

24' Rt., 57+96 = 1.0 EACH

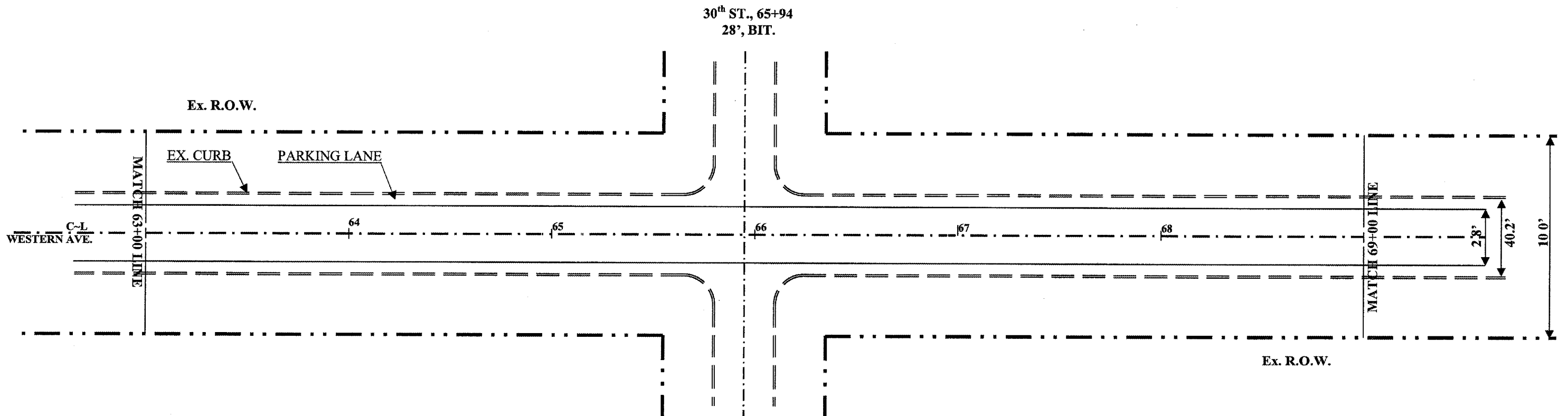
TOTAL = 1.0 EACH

JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7670
WESTERN AVE.
COLES COUNTY
SHEET 41 OF 43

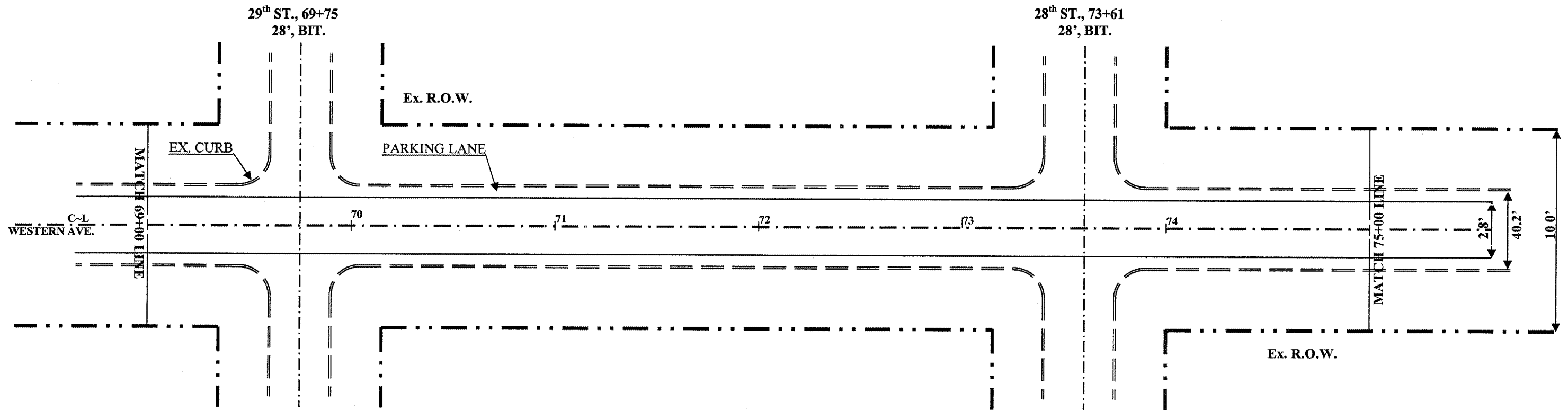


JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7670
WESTERN AVE.
COLES COUNTY
SHEET 42 OF 43

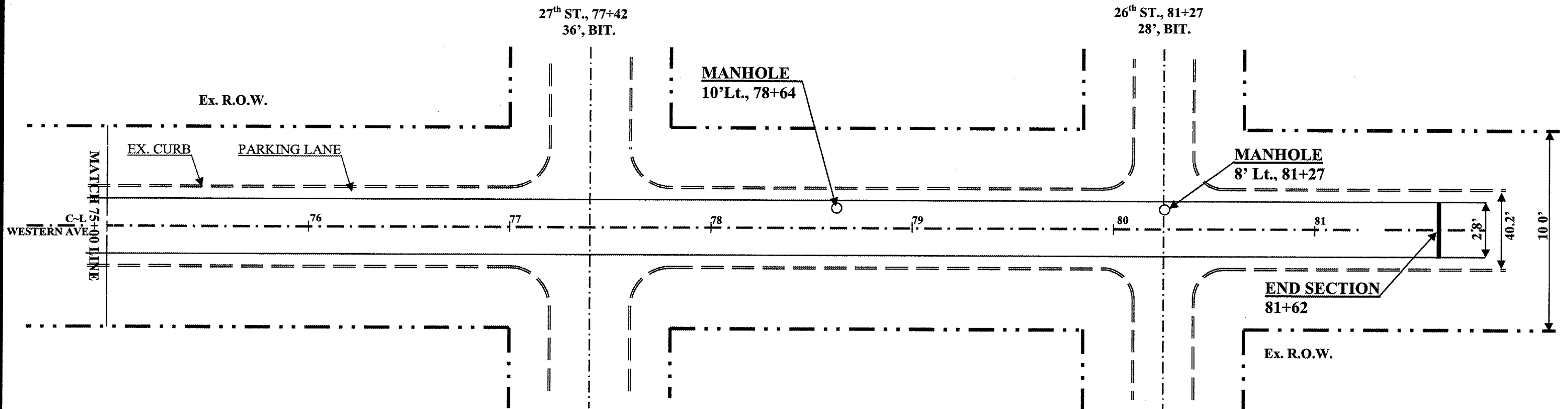


JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'



PLAN VIEW

CITY OF MATTOON
SECTION 05-00143-00-RS
CONTRACT 95479
ROUTE: F.A.U. 7670
WESTERN AVE.
COLES COUNTY
SHEET 43 OF 43



40600980 BIT SURF REM BUTT JOINT

14' Lt. ~ Rt., 81+37 ~ 81+62 = 78.0 SQ.YDs.
TOTAL = 78.0 SQ.YDs.

60300350 MANHOLE FRAMES ADJUST

10' Lt., 78+64 = 1.0 EACH
8' Lt., 81+27 = 1.0 EACH
TOTAL = 2.0 EACH

JOB: C-97-060-06
PROJECT: M-5042(14)
SCALE: 1" = 50'