

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
FEDERAL - AID PROJECT
SURFACE TRANSPORTATION PROGRAM - URBAN**
FIRST AVENUE ROADWAY IN THE CITY OF MENDOTA IN LA SALLE COUNTY
F. A. U. ROUTE 6011 SECTION 07-00057-00-FP
PROJECT NO. M-5044 (10)
JOB NO. C-93-064-07

F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	1

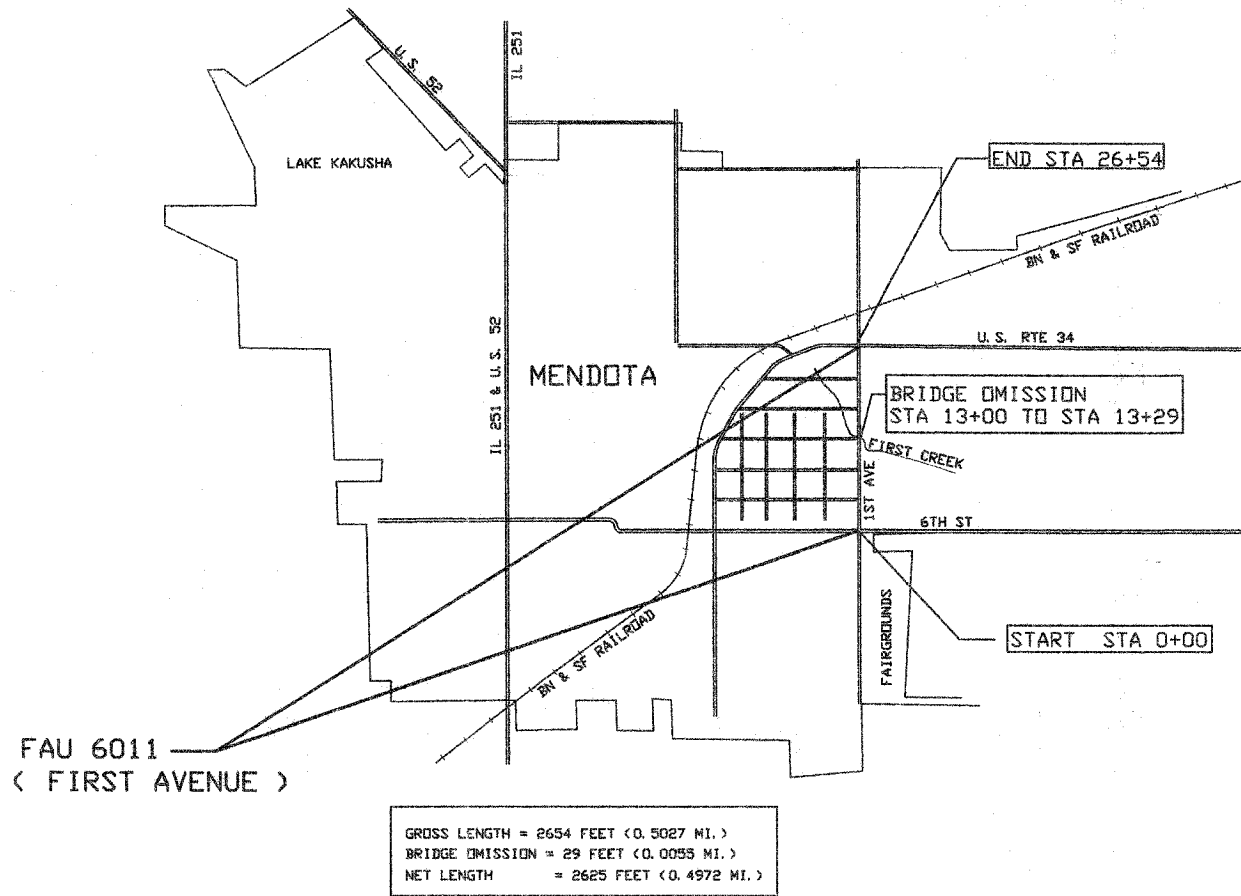
CITY OF MENDOTA
CONTRACT NO. 87353

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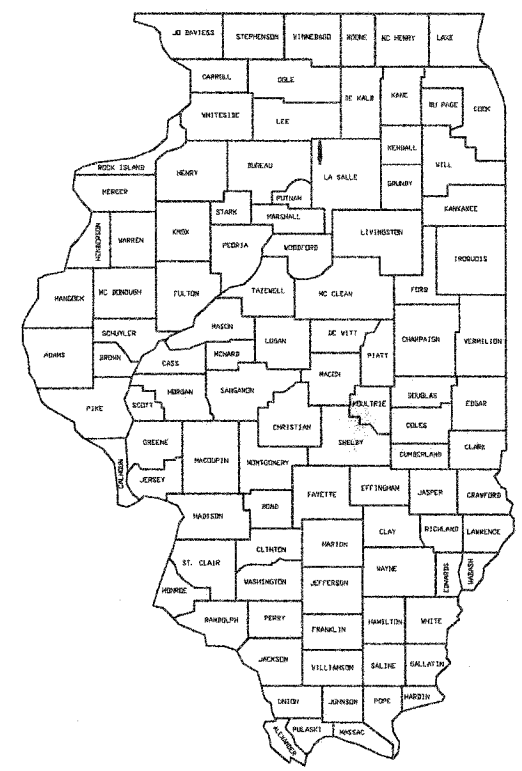
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STANDARDS

- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
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- 701501-04 URBAN LANE CLOSURE 2L, 2V, UNDIVIDED
- 701801-03 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901 TRAFFIC CONTROL DEVICES
- BLR 21-7 TYP APPLICATION OF TRAFFIC CTRL DEVICES FOR CONST ON RURAL LOCAL HWYS



GROSS LENGTH = 2654 FEET (0.5027 MI.)
BRIDGE OMISSION = 29 FEET (0.0055 MI.)
NET LENGTH = 2625 FEET (0.4972 MI.)



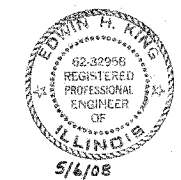
LOCATION OF SECTION INDICATED THIS: —

FUNCTIONAL CLASSIFICATION COLLECTOR
CLASS II ROAD DESIGN
DESIGN SPEED 30 MPH PV = 88%
CURRENT ADT 1900 (2008) MU = 5%
DESIGN ADT 3000 (2023) SU = 7%

THE ACCEPTANCE OF THIS PROJECT IS BASED ON THE MINIMUM DESIGN CRITERIA FOR A FEDERAL AID 3-R

CALL J. U. L. I. E.
48 HOURS BEFORE YOU DIG
1-800-892-0123

THESE PLANS WERE PREPARED BY
KING ENGINEERING, INC
1056 FIRST STREET
LA SALLE, ILLINOIS 61301
Edwin H. King
EDWIN H. KING
ILLINOIS PROFESSIONAL ENGINEER NO. 32958
EXPIRES NOV. 30, 2009



APPROVED MAY 6, 2008
Don D. Baul
LOCAL AGENCY OFFICIAL
PASSED 05-21-2008
Kenneth R. Long
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS
RELEASED FOR BIDS BASED ON LIMITED REVIEW 05-21-2008
George F. Ryan
DEPUTY DIRECTOR, REGION 8 ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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6011	07-00057-00-FP	LA SALLE	33	2

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- 1 SIDEWALK RAMPS FOR THE HANDICAPPED (STD. 424001) SHALL BE CONSTRUCTED AT INTERSECTIONS WHERE ALL PROPOSED SIDEWALKS ABUT CURB AND WHERE NOTED ON THE PLANS.
- 2 THE THICKNESS OF BITUMINOUS MIXTURES ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OF BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 3 THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

NITROGEN FERTILIZER NUTRIENT	90	LBS/AC
PHOSPHOROUS FERTILIZER NUTRIENT	90	LBS/AC
POTASSIUM FERTILIZER NUTRIENT	90	LBS/AC
BITUMINOUS MATERIALS (PRIME COAT) MC-30	0.35	GAL/SQ. YD.
BITUMINOUS MATERIALS (PRIME COAT) RC-70	0.10	GAL/SQ. YD.
AGGREGATE (PRIME COAT)	0.00125	TONS/SQ. YD.
BITUMINOUS CONCRETE SURFACE COURSE HMA	112.5	LBS. SQ. YD./INCH
BITUMINOUS CONCRETE BINDER COURSE HMA	112.5	LBS. /SQ. YD. /INCH
LEVEL BINDER (MACHINE METHOD) HMA	112.5	LBS. /SQ. YD. /INCH

FURNISHED EXCAVATION (EMBANKMENT) ----- A SHRINKAGE FACTOR OF 0.25 WAS USED FOR EARTHWORK CALCULATIONS. NO OVERHAUL WILL BE ALLOWED.
- 4 ALL SAW CUTTING OF EXISTING PAVEMENTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 2 3/4 INCHES UNLESS OTHERWISE SPECIFIED.
- 5 THE CONTRACTOR WILL PROVIDE FOR TEMPORARY DRAINAGE UNTIL THE FINAL SURFACE IS PLACED.
- 6 THE EXISTING STREET SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- 7 ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
- 8 THE COST OF MAKING ANY SEWER CONNECTION TO AN EXISTING DRAINAGE STRUCTURE SHALL BE CONSIDERED INCIDENTAL TO THAT DRAINAGE STRUCTURE.
- 9 THE LOCATION OF EXISTING UNDERGROUND UTILITY LINES IS SHOWN ON THE BASIS OF INFORMATION FURNISHED BY OTHERS AND THE ENGINEER DOES NOT WARRANT OR GUARANTEE THIS INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE CORRECTNESS OF THE SAME PRIOR TO THE START OF CONSTRUCTION BY UNCOVERING UNDERGROUND UTILITIES IN ALL LOCATIONS WHERE HE FEELS THE PROPOSED CONSTRUCTION MAY NEED TO BE ALTERED TO PREVENT CONFLICTS IN LINE, GRADE OR WORKING CLEARANCES. SHOULD THE LOCATION OF THE UNDERGROUND UTILITIES BE FOUND DIFFERENT THAN THAT SHOWN ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR.
- 10 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED. MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
 - COMMONWEALTH EDISON (COM ED)
 - VERIZON
 - NORTHERN ILLINOIS GAS (NICOR)
 - COMCAST COMMUNICATIONS
 - CITY OF MENDOTA
- 11 ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 12 WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- 13 ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
- 14 THE ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U. S. G. S. DATUM.
- 15 THE CONTRACTOR WILL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE WHICH WILL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.
- 16 BEFORE ORDERING PIPE CULVERTS, STORM SEWERS, AND PIPE DRAINS, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER FOR EXACT LENGTHS REQUIRED.
- 17 AGGREGATE BASE COURSE, TYPE B SHALL BE USED TO MAINTAIN ENTRANCES DURING CONSTRUCTION.
- 18 UNLESS OTHERWISE DIRECTED BY THE ENGINEER, THE CONTRACTOR WILL STAY WITHIN THE RIGHT-OF-WAY LIMITS SHOWN ON THE PLANS.
- 19 SHOULDERS, DITCHES, SIDE SLOPES, BACK SLOPES AND OTHER PORTIONS OF THE RIGHT-OF-WAY HAVING INSUFFICIENT VEGETATION SHALL BE RE-SEED BY THE CITY OF MENDOTA AS DIRECTED BY THE ENGINEER. TEMPORARY EROSION CONTROL SYSTEMS AS PER STD. 280001 SHALL BE APPLIED AT ALL INLETS AND PIPE OUTLETS BY THE COT.
- 20 THE CONTRACTOR SHALL MAKE SURE THAT THE TOP FOUR INCHES OF EMBANKMENT CONTAINS MATERIALS THAT WILL SUPPORT VEGETATION GROWTH. THIS WILL BE PAID FOR AS TOPSOIL PLACEMENT 4' SPECIAL AT THE UNIT PRICE PER SQUARE YARD. THE TOPSOIL MATERIAL SHALL NOT BE PLACED AND COMPACTED AT MOISTURE CONTENTS IN EXCESS OF 110 PERCENT OF THE OPTIMUM MOISTURE UNLESS AUTHORIZED IN WRITING BY THE ENGINEER.
- 21 ALL WORK SHALL BE IN ACCORDANCE WITH THE JAN 1, 2007 EDITION OF THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JAN 1, 2008
- 22 EARTH EXCAVATION QUANTITIES INCLUDE REMOVAL OF PAVEMENT STRUCTURAL MATERIALS FROM STATION 14+50 TO STATION 19+50. THESE MATERIALS SHALL BE DISPOSED OF OFF SITE. THEY WILL NOT BE PERMITTED FOR USE AS EMBANKMENT MATERIAL AT OTHER LOCATIONS. THE COST FOR REMOVING THESE MATERIALS AND THEIR DISPOSAL THEREOF SHALL BE INCLUDED IN THE UNIT BID PRICE PER CUBIC YARD FOR 'EARTH EXCAVATION'. EARTH EXCAVATION ALSO INCLUDES THE WIDENING OF THE PAVEMENT STRUCTURE FROM STA 0+00 TO STA 13+00 AND FROM STA 19+50 TO STA 26+54 (BACK OF CURB TO BACK OF CURB AND INCLUDING ALL EXCAVATION REQUIRED FOR SIDE STREET WIDENING AND SIDEWALK CONSTRUCTION). EMBANKMENT QUANTITIES DO NOT INCLUDE TOPSOIL, 4' QUANTITIES. BOTH EMBANKMENT AND TOPSOIL, 4' QUANTITIES SHALL BE PAID FOR SEPARATELY AT THEIR RESPECTIVE UNIT PRICES

23 THE CONTRACTOR SHALL SUPPLY THE FOLLOWING TRAFFIC CONTROL SIGNAGE:

TWO TYPE II BARRICADES AT EACH PRIVATE OR COMMERCIAL ENTRANCE OR AS MANY AS DIRECTED BY THE ENGINEER.
TYPE II BARRICADES AT ANY OTHER LOCATION AS DIRECTED BY THE ENGINEER.

TYPE III (ROAD CLOSED TO THRU TRAFFIC) SHALL BE PLACED AT THE FOLLOWING LOCATIONS (THE TOTAL NO. REQUIRED ARE IN PARENTHESIS)

1. STA 0+20 (2)
2. STA 22+75 (3)
3. 7TH STREET AND 1ST AVENUE (DN 7TH -2) AND 7TH STREET AND 2ND AVENUE (DN 7TH-1)
4. 8TH STREET AND 1ST AVENUE (DN 8TH-2) AND 8TH STREET AND 2ND AVENUE (DN 8TH-1)
5. 9TH STREET AND 1ST AVENUE (DN 8TH-2) AND 9TH STREET AND 2ND AVENUE (DN 9TH-1)
6. 10TH STREET AND 1ST AVENUE (DN 10TH-2) AND 10TH STREET AND 2ND AVENUE (DN 10TH-1)
7. 11TH STREET AND 1ST AVENUE (DN 11TH-2) AND 11TH STREET AND 2ND AVENUE (DN 11TH-1)
8. STA 26 + 35 (2)
9. STA 13+00 (3)

TYPE II BARRICADES SHALL BE INSTALLED WHERE CONSTRUCTION ACTIVITIES INCLUDE OPEN EXCAVATION TRENCHES DURING DAYTIME HOURS AND ALSO WHICH WILL REMAIN OPEN OVER NIGHT AND ANY OTHER AREAS WHERE DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL SHALL BE MAINTAINED AT ALL TIMES (24 HOURS PER DAY, 7 DAYS PER WEEK) BY THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE ENGINEER A MINIMUM OF TWO EMPLOYEES OR AGENTS WHO SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL MAINTENANCE INCLUDING A 24 HOUR TELEPHONE NUMBER(S) FOR EACH INDIVIDUAL.

WHEN THE ENGINEER IS NOTIFIED, OR DETERMINES A TRAFFIC CONTROL DEFICIENCY EXISTS, HE/SHE WILL NOTIFY AND DIRECT THE CONTRACTOR TO CORRECT THE DEFICIENCY WITHIN A SPECIFIED TIME. THE SPECIFIED TIME, WHICH BEGINS UPON NOTIFICATION TO THE CONTRACTOR, WILL BE FROM 1/2 HOUR TO 12 HOURS BASED UPON THE URGENCY OF THE SITUATION AND THE NATURE OF THE DEFICIENCY. THE ENGINEER SHALL BE THE SOLE JUDGE.

THE DEFICIENCY MAY BE ANY LACK OF REPAIR, MAINTENANCE OR NON-COMPLIANCE WITH THE TRAFFIC CONTROL PLAN.

IF THE CONTRACTOR FAILS TO CORRECT THE DEFICIENCY WITHIN THE SPECIFIED TIME, A DAILY MONETARY DEDUCTION WILL BE IMPOSED FOR EACH CALENDAR DAY OR FRACTION THEREOF THE DEFICIENCY EXISTS. THE CALENDAR DAY(S) WILL BEGIN WITH NOTIFICATION TO THE CONTRACTOR AND END WITH THE ENGINEER'S ACCEPTANCE OF THE CORRECTION. THE DAILY MONETARY DEDUCTION WILL BE EITHER \$1,000 OR 0.15 PERCENT OF THE AWARDED CONTRACT VALUE, WHICHEVER IS GREATER.

IN ADDITION, IF THE CONTRACTOR FAILS TO RESPOND, THE ENGINEER MAY CORRECT THE DEFICIENCY AND THE COST THEREOF WILL BE DEDUCTED FROM MONIES DUE OR WHICH MAY BECOME DUE THE CONTRACTOR. THIS CORRECTIVE ACTION WILL IN NO WAY RELIEVE THE CONTRACTOR OF HIS/HER CONTRACTUAL REQUIREMENTS OR RESPONSIBILITIES.

- 24 THE CONTRACTOR AND HIS INSURANCE COMPANY AGREE TO NAME THE CITY OF MENDOTA AND KING ENGINEERING, INC. AS BEING CO-INSURED FOR THE DURATION OF THIS PROJECT ON ALL CERTIFICATES OF INSURANCE. THE CONTRACTOR AND HIS INSURANCE COMPANY ALSO AGREES TO INDEMNIFY, PROTECT, DEFEND AT ITS OWN COST, AND HOLD HARMLESS THE CITY OF MENDOTA AND KING ENGINEERING, INC., THEIR EMPLOYEES AND AGENTS, FROM AND AGAINST ALL LOSSES, DAMAGES, INJURIES, COSTS, EXPENSES, OR CLAIMS SUSTAINED THEREOF TO OR BY ANY PERSON OR PERSONS OR PROPERTY ARISING OUT OF, THROUGH, UNDER, OR BY VIRTUE OF ANY NEGLIGENCE AND/OR NON-COMPLIANCE OF THE SPECIFICATIONS BY THE CONTRACTOR ON THIS PROJECT.

- 25 THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE LAWS, CITY ORDINANCES, AND O. S. H. A. REGULATIONS WHEN PERFORMING CONSTRUCTION ACTIVITIES ON THIS PROJECT.

- 26 IT IS EXPECTED BY THE LOCAL AGENCY THAT THE SUCCESSFUL BIDDER HAVE ALL WORK DONE AND COMPLETED NO LATER THAN AUGUST 31, 2009. NO EXTENSIONS OF TIME WILL BE APPROVED BY THE MUNICIPALITY WITHOUT WRITTEN AUTHORIZATION. FAILURE TO MEET THIS DEADLINE DATE SHALL RESULT IN A MONETARY DEDUCTION OF EITHER \$1000 OR 0.15 PERCENT OF THE AWARDED CONTRACT PER CALENDAR DAY, WHICHEVER IS GREATER.

- 27 IF NEEDED, THE CITY WILL FURNISH NEW FRAMES AND LIDS TO THE CONTRACTOR FOR MANHOLE ADJUSTMENT. THE WORK SHALL INCLUDE RAISING THE FRAMES TO PROPER GRADE AND ADJUSTING RINGS AND FILLING ANY VOID AREAS WITH CONCRETE MATERIALS. THE ADJUSTMENT SHALL BE MADE AFTER THE LEVEL BINDER AND PRIOR TO THE BITUMINOUS SURFACE COURSE LAYER.

- 28 THE COST OF PROVIDING QUALITY CONTROL DENSITY TESTS BY THE CONTRACTOR SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER TON FOR THE VARIOUS GC/QA BITUMINOUS PAY ITEMS.

- 29 PRIOR TO WINTER SHUTDOWN THE FOLLOWING STEPS SHALL BE TAKEN BY THE CONTRACTOR:
ALL COLD MILLED SURFACES AND PAVEMENT AGGREGATE SURFACES SHALL BE OVERLAYED WITH A LAYER OF HMA BITUMINOUS MATERIALS.
ALL LANES SHALL BE RE-OPENED TO TRAFFIC
MANHOLES, WHERE APPLICABLE, SHALL BE TEMPORARILY ADJUSTED TO THE ELEVATION OF THE BINDER OR LEVELING BINDER, RESPECTIVELY, TO EASE IN SNOW PLOWING OPERATIONS AND READJUSTED TO FINISH GRADE IN THE SPRING OR SUMMER. THESE TEMPORARY MANHOLE ADJUSTMENTS WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE PERMANENT MANHOLE ADJUSTMENTS.
ACCESS MUST BE MAINTAINED TO ALL EXISTING DRIVEWAYS AND PROPERTIES FOR THE DURATION OF THE WINTER SEASON IN A MANNER ACCEPTABLE TO THE ENGINEER.
PROPER TRAFFIC CONTROL SIGNAGE AND BARRICADES SHALL REMAIN IN EFFECT THROUGHOUT THE WINTER SEASON.
THE ENTIRE PROJECT AREA SHALL BE LEFT IN A MANNER ACCEPTABLE TO THE ENGINEER AND SHALL BE MAINTAINED ACCORDINGLY THROUGHOUT THE ENTIRE WINTER SEASON BY THE CONTRACTOR.

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	2046
20400800	FURNISHED EXCAVATION	CU YD	216
20800150	TRENCH BACKFILL	CU YD	583
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1910
21101615	TOPSOIL FURNISH AND PLACEMENT 4"	SQ YD	7944
28000500	INLET AND PIPE PROTECTION	EACH	11
28100107	STONE RIPRAP CLASS A 4	SQ YD	98
28200200	FILTER FABRIC	SQ YD	98
31101900	SUB-BASE GRANULAR MATERIAL TYPE C	TON	669
35101400	AGGREGATE BASE COURSE TYPE B	TON	1928
35501450	HOT MIX ASPHALT BASE COURSE	TON	362
35600704	HOT MIX ASPHALT BASE COURSE WIDENING 7"	SQ YD	1191
40600625	LEVEL BINDER (MACHINE METHOD), NSO	TON	1145
40603080	HOT-MIX ASPHALT BINDER COURSE IL-19.0, NSO	TON	1105
40603310	HOT-MIX ASPHALT SURFACE COURSE "C", NSO	TON	887
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GAL	1514
40800030	AGGREGATE PRIME COAT	TON	17
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ YD	840
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	SQ FT	11101
42400800	DETECTABLE WARNINGS	SQ FT	112
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	6439
44000200	DRIVE PAVEMENT REMOVAL	SQ YD	840
44000300	CURB REMOVAL	FOOT	50
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	120
44000600	SIDEWALK REMOVAL	SQ FT	4265
50105210	REMOVE EXISTING CULVERTS	FOOT	202
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	1
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTION 18"	EACH	2
54215547	METAL END SECTION 12"	EACH	1
54215553	METAL END SECTION 18"	EACH	2
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	487
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	170
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	112
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	521
550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	819
56103000	DUCTILE IRON WATER MAIN 6"	FOOT	5
56400510	FIRE HYDRANT REMOVAL AND REPLACEMENT	EACH	1
60218300	MANHOLE TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4
60218400	MANHOLE TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
60234200	INLETS TYPE A, TYPE 1 FRAME, OPEN LID	EACH	3
60235700	INLETS TYPE A, TYPE 3 FRAME AND GRATE	EACH	24
60240210	INLETS TYPE B, TYPE 1 FRAME, OPEN LID	EACH	3
60240215	INLETS TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	2
60240220	INLETS TYPE B, TYPE 3 FRAME AND GRATE	EACH	14
60255500	MANHOLE ADJUSTMENT	EACH	18
60266600	VALVE BOX ADJUSTMENT	EACH	9
60500060	REMOVE INLETS	EACH	2
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	5110
63200905	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	17
* 63300940	REMOVE AND REPLACE STEEL PLATE BEAM GUARD RAIL, SINGLE RAIL	FOOT	15
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1

* SPECIALTY ITEM

SCHEDULE OF QUANTITIES

MANHOLE FRAME AND LID TO BE ADJUSTED	
LOCATION	EACH
14' LT STA 0+25	1
STA 0+77	1
10' LT STA 4+19	1
STA 4+33	1
10' LT STA 8+31	1
STA 8+70	1
12' LT STA 8+70	1
10' LT STA 9+10	1
3' LT STA 12+45	1
3' LT STA 12+62	1
3' LT STA 12+83	1
4' LT STA 13+50	1
3' LT STA 13+75	1
11' RT STA 16+88	1
3' RT STA 17+22	1
4' LT STA 21+52	1
6' LT STA 26+17	1
14' LT STA 26+45	1
TOTAL	18

WATER VALVE BOX ADJUSTMENT	
LOCATION	EACH
21' LT STA 0+30	1
18' LT STA 8+20	1
22' RT STA 13+55	1
20' RT STA 14+05	1
12' RT STA 17+18	1
16' RT STA 22+25	1
12' RT STA 25+88	1
22' LT STA 25+91	1
11' RT STA 25+95	1
TOTAL	9

STORM INLETS TO BE REMOVED	
LOCATION	EACH
13.75' LT STA 0+40	1
25' LT STA 17+44	1
TOTAL	2

REMOVE EXISTING CULVERTS		
LOCATION	LENGTH FT	TR BACKFILL CU YD
RT STA 3+94 TO 4+14	20	3
LT STA 4+15 TO 4+72	57	8.4
LT STA 4+97 TO 5+22	25	3.7
LT STA 6+15 TO 6+45	30	4.5
LT STA 9+78 TO 9+98	20	3.0
LT STA 10+87 TO 11+12	25	3.7
LT STA 12+06 TO 12+31	25	3.7
TOTAL	202	30.0

CURB REMOVAL	
LOCATION	LENGTH FT
LT STA 0+11	20
LT STA 4+20	15
LT STA 4+46	15
TOTAL	50

CURB AND GUTTER REMOVAL	
LOCATION	LENGTH FT
LT STA 26+29 TO 26+54	60
RT STA 26+28 TO 26+54	60
TOTAL	120

GUARD RAIL REMOVAL AND REPLACEMENT		
LOCATION	REMOVAL LENGTH FT	REPLACEMENT LENGTH FT
LT STA 0+25 TO 0+42	17	
ST STA 13+18 TO 13+33	15	15
TOTAL	32	15

SCHEDULE OF QUANTITIES

F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	4

CITY OF MENDOTA
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INLET TYPE A WITH TYPE 3 FRAME AND GRATE		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
44' LT STA 0+11	1	4.2
13.0' LT STA 0+40	1	3.9
13.0' RT STA 0+40	1	4.1
13.0' RT STA 3+85	1	2.0
13.0' LT STA 4+00	1	2.0
13.0' LT STA 8+33.4	1	2.0
13.0' RT STA 8+33.4	1	2.0
13.0' LT STA 10+25	1	3.2
26.12' LT STA 12+78.13	1	2.5
13.0' LT STA 15+45	1	2.5
13.0' RT STA 15+45	1	2.5
13.0' RT STA 15+50	1	2.5
13.0' RT STA 17+00	1	2.5
13.0' LT STA 17+65	1	2.5
13.0' RT STA 17+65	1	2.8
13.0' LT STA 20+00	1	3.9
13.0' RT STA 20+00	1	3.0
13.0' RT STA 21+87	1	3.5
38.7' LT STA 21+38.68	1	1.5
13.0' LT STA 26+06	1	5.6
13.0' LT STA 26+24	1	1.5
13.0' RT STA 26+24	1	1.5
20.9' RT STA 26+42.6	1	2.0
TOTAL	23	64.2

MANHOLE TYPE A 4' DIA FR & TYPE 1 OPEN LID			
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y	INLET & PIPE PROTECT. EACH
32' RT STA 4+66.72	1	0	1
32' RT STA 9+00	1	0	1
26.75' LT STA 18+10	1	0	1
28' LT STA 17+65	1	0	1
TOTAL	4	0	4

MANHOLE TYPE A 4' DIA FR & TYPE 1 CLOSED LID		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
26.75' LT STA 17+00	1	8.0
26.75' LT STA 20+00	1	0
20.75' RT STA 20+00	1	0
20.75' RT STA 21+87	1	0
TOTAL	4	8.0

DRAINAGE OUTLET STRUCTURES							
LOCATION	METAL END SECTION 18" EACH	METAL END SECTION 12" EACH	PRECAST REINF CONC FLARED END SEC 12" EACH	PRECAST REINF CONC FLARED END SEC 18" EACH	STONE RIPRAP CLASS A 4 SQ YD	FILTER FABRIC FOR RIPRAP SQ YD	INLET & PIPE PROTECT. EACH
44' RT STA 9+76	1	0	0	0	17	17	0
28' RT STA 10+25	0	0	0	1	17	17	0
24' RT STA 11+50	0	0	0	1	17	17	0
21' RT STA 12+40	0	0	1	0	17	17	0
27' LT STA 14+38	1	0	0	0	30	30	0
34' RT STA 26+33	0	1	0	0	0	0	1
TOTAL	2	1	1	2	98	98	1

STORM SEWER CLASS A TYPE 1, 12" DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
13.0' RT STA 3+85 TO 13.0' LT STA 4+00	35	12	16
13.0' LT STA 4+00 TO 33.7' LT STA 4+19.57	28	12	15
13.0' LT STA 8+33.4 TO 13.0' RT STA 8+33.4	32	11	15
13.0' LT STA 11+45 TO 13.0' LT STA 11+50	7	3	3
34' LT STA 12+40 TO 21' RT STA 12+40	55	17	16
34' LT STA 12+40 TO 26.12' LT STA 12+78.13	37	2	0
13.0' LT STA 15+45 TO 13.0' LT STA 15+50	7	2	3
13.0' RT STA 15+45 TO 13.0' RT STA 15+50	7	3	3
13.0' RT STA 15+50 TO 26.75' LT STA 15+50	41	12	18
13.0' RT STA 17+00 TO 26.75' LT STA 17+00	41	14	18
13.0' RT STA 17+65 TO 26.75' LT STA 17+65	42	17	18
20.75' RT STA 20+00 TO 26.75' LT STA 20+00	48	20	18
38.7' LT STA 21+38.68 TO 13.0' LT STA 21+87	35	9	7
38.7' LT STA 21+38.68 TO 38.7' LT STA 21+61.04	25	4	11
23' LT STA 26+24 TO 13.0' RT STA 26+24	42	8	19
15.9' RT STA 26+42.6 TO 20.9' RT STA 26+42.6	5	6	4
TOTAL	487	152	176

INLET TYPE A WITH TYPE 1 OPEN LID			
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y	INLET & PIPE PROTECT. EACH
29' LT STA 10+25	1	0	1
30' LT STA 11+50	1	0	1
23' LT STA 26+27	1	2.0	1
TOTAL	3	2.0	3

STORM SEWER CONNECTIONS (SEE NOTES BELOW)			
CONNECTION OF EXISTING STORM SEWER TO NEW INLETS WITH CONCRETE MATERIALS		CONNECTION OF NEW STORM SEWER TO EXISTING INLETS WITH CONCRETE MATERIALS	
LOCATION	QUANTITY EACH	LOCATION	QUANTITY EACH
17.4' LT STA 8+35	1	59.2' RT STA 0+38.3	1
13.0' RT STA 17+00	1		
26.75' LT STA 17+00	1		
13.0' LT STA 26+06	1		
TOTAL	4	TOTAL	1

PLUG EXISTING CULVERTS WITH CONCRETE MATERIALS (SEE NOTE)		
LOCATION	QUANTITY EACH	TR BACKFILL C Y
24' LT STA 12+32	1	4
TOTAL	1	4

INLET TYPE B WITH TYPE 3 FRAME AND GRATE		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
33.7' LT STA 4+19.57	1	2.0
33.7' LT STA 4+47.52	1	3.0
13.0' LT STA 4+66.72	1	2.5
13.0' RT STA 4+66.72	1	3.2
33.9' LT STA 8+53.4	1	3.2
33.9' LT STA 8+77.4	1	3.2
13.0' LT STA 9+00	1	2.5
13.0' RT STA 9+00	1	3.0
13.0' LT STA 11+45	1	3.0
13.0' LT STA 11+50	1	3.0
26.75' LT STA 17+08.8	1	2.5
26.75' LT STA 17+41.5	1	3.2
13.0' LT STA 21+87	1	3.5
38.7' LT STA 21+61.04	1	2.0
TOTAL	14	39.8

INLET TYPE B WITH TYPE 1 CLOSED LID		
LOCATION	QUANTITY EACH	TRENCH BACKFILL C Y
35' LT STA 0+39.6	1	0
17.4' LT STA 8+35	1	6.0
TOTAL	2	6.0

RELOCATION OF EXISTING FIRE HYDRANTS				
EXISTING LOCATION	NEW LOCATION	FIRE HYDRANT EACH	6" DIA DCI WATERMAIN FEET	TRENCH BACKFILL C Y
15' RT STA 25+83	20' RT STA 25+83	1	5	5

STORM SEWER CLASS B TYPE 2, 12" DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
44' LT STA 0+11 TO 35' LT STA 0+39.6	30	9	4
35' LT STA 0+39.6 TO 13.0' LT STA 0+40	21	8	4
13.0' LT STA 0+40 TO 13.0' RT STA 0+40	30	29	19
13.0' RT STA 0+40 TO 59.2' RT STA 0+38.3	45	27	20
33.7' LT STA 4+19.57 TO 33.7' LT STA 4+47.52	28	7	14
33.7' LT STA 4+47.52 TO 13.0' LT STA 4+66.72	28	5	9
13.0' LT STA 4+66.72 TO 32' RT STA 4+66.72	46	12	16
13.0' LT STA 8+33.4 TO 44.8' LT STA 8+37	32	3	4
44.8' LT STA 8+37 TO 33.9' LT STA 8+53.4	19	4	4
20.75' RT STA 20+00 TO 20.75' RT STA 21+87	187	24	13
13.0' LT STA 21+87 TO 20.75' RT STA 21+87	35	19	18
13.0' RT STA 26+24 TO 34' RT STA 26+33	20	2	2
TOTAL	521	149	117

STORM SEWER CLASS A TYPE 1 15' DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
33.9' LT STA 8+53.4 TO 39.9' LT STA 8+77.4	25	16	13
33.9' LT STA 8+77.4 TO 13.0' LT STA 9+00	30	5	5
13.0' LT STA 9+00 TO 36' RT STA 9+00	50	12	16
26.75' LT STA 17+00 TO 28' LT STA 17+65	65	18	18
TOTAL	170	51	52

STORM SEWER CLASS B TYPE 2 15' DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
32' RT STA 4+66.72 TO 32' RT STA 8+33.4	367	0	0
32' RT STA 8+33.4 TO 32' RT STA 9+00	67	0	0
26.75' LT STA 15+50 TO 26.75' LT STA 15+00	130	0	0
28' LT STA 17+65 TO 26.75' LT STA 20+00	235	40	12
TOTAL	819	40	12

STORM SEWER CLASS A TYPE 1 18" DIAMETER			
LOCATION	QUANTITY (FEET)	TR BACKFILL (C Y)	AGG BSE TY B, 5' SQ YD
30' LT STA 10+25 TO 28' RT STA 10+25	58	20	22
30' LT STA 11+50 TO 24' RT STA 11+50	54	10	17
TOTAL	112	30	39

NOTE: SHOULD THE CONTRACTOR ELECT TO USE PVC PIPE MATERIALS FOR CLASS B TYPE 2 STORM SEWER, A DEFLECTION TEST IN ACCORDANCE WITH ARTICLE 550.08 OF THE STANDARD SPECIFICATIONS SHALL BE REQUIRED. THE TEST COST SHALL BE INCLUDED IN THE UNIT BID PRICE OF THE STORM SEWER.

SCHEDULE OF SEEDING (INSTALLED BY CITY OF MENDOTA)				
LOCATION	SEEDING CL 1 ACRE	NITROGEN POUND	PHOSPHOROUS POUND	POTASSIUM POUND
STA 0+00 TO STA 13+00	0.78	71	71	71
STA 13+29 TO STA 26+54	0.39	36	36	36
TOTALS	1.17	107	107	107

NOTE: SEEDING IS NOT INCLUDED IN THIS CONTRACT. IT SHALL BE PERFORMED BY CITY OF MENDOTA FORCES IMMEDIATELY UPON COMPLETION OF THE TOPSOIL PLACEMENT BY THE CONTRACTOR. THE REQUIRED RAKING AND/OR TILLING OF THE 4" TOPSOIL MATERIALS NEEDED TO RECEIVE SEEDING SHALL ALSO BE PERFORMED BY CITY OF MENDOTA FORCES.

SCHEDULE OF EARTHWORK -- SEE NOTE BELOW				
LOCATION	PAY ITEM EARTH EXCAVATION CU YD	GROSS FURNISHED EXCAVATION (INCLUDES TOPSOIL) CU YD	PAY ITEM TOPSOIL, 4" F & PLAC SQ YD	PAY ITEM FURNISHED EXCAVATION (DEDUCTS TOPSOIL) CU YD
STA 0+00 TO STA 13+00	559	737	3835	315
STA 13+29 TO STA 26+54	1487	353	4109	-99
TOTALS	2046	1090	7944	216

NOTE: THE ABOVE EARTH EXCAVATION SCHEDULE INCLUDES ALL EXCAVATION REQUIRED FOR BASE CSE WIDENING, MAINLINE SIDEWALK, CONCRETE CURB AND GUTTER, PARKING LOT CONSTRUCTION (STA 0+50 TO STA 2+30), PAVEMENT REMOVAL (STA 14+50 TO STA 19+50) AND ALL OTHER AREAS BEHIND THE BACK OF CURB AS SHOWN ON THE PLAN CROSS SECTIONS.

EXCESS EARTH EXCAVATION MATERIALS SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR. THE COST OF DISPOSING THIS EXCESS MATERIAL SHALL BE INCLUDED IN THE UNIT BID PRICE OF EARTH EXCAVATION

APPROVED ORGANIC SOILS REMOVED WITH EARTH AND TRENCH EXCAVATION CONSTRUCTION MAY BE RE-USED AND PLACED AS TOPSOIL MATERIAL TO THE ELEVATION AND GRADES ESTABLISHED AND SHOWN ON THE PLAN DETAILS.

THE GROSS FURNISHED EXCAVATION QUANTITIES INCLUDE TOPSOIL. A SHRINKAGE FACTOR OF 25 PER CENT WAS APPLIED TO BOTH THE FURNISHED EXCAVATION AND TOPSOIL QUANTITIES.

THE PAVEMENT STRUCTURAL MATERIALS FROM STA 14+50 TO STA 19+50 (INCLUDED IN THE EXCAVATION QUANTITIES) SHALL BE DISPOSED OF OFF SITE. THEY WILL NOT BE PERMITTED FOR USE AS EMBANKMENT FURNISHED EXCAVATION AT OTHER LOCATIONS ON THE SITE.

SCHEDULE OF QUANTITIES

F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	5

CITY OF MENDOTA
CONTRACT NO. 87353

BITUMINOUS AND AGGREGATE TABLE

LOCATION	PAV'T AREA SQ YD	PRIME MC -30 GAL	PRIME RC -70 GAL	AGG PR CT TON	LEVEL BIND (MACH METH) 1' + CORR TON	H M A BIND CSE 2 1/4" TON	H M A SURF CSE 1 1/2" MIN TON	H M A BSE CSE WIDEN, 7" SQ YD	H M A BSE CSE, 4" TON	H M A BIT SURF REM 2 3/4" SQ YD	AGG BSE CSE TY B 2" (MIN) TON	SUB - BASE GRAN MAT'L C, 6" TON	AGG BSE CSE TY B 4" (MIN) TON	GEO-MEMBRANE FABRIC SQ YD
MAINLINE STA 0+00 TO STA 13+00 STA 13+29 TO STA 14+50 STA 19+50 TO STA 26+54	6262	0	627	8	1032	774	516	1080	0	5431	256	0	0	0
MAINLINE STA 14+50 TO STA 19+50	1473	516	0	3	0	186	124	0	330	0	0	609	402	1740
SIDE STREETS 6TH, 7TH, 8TH, 9TH, AND 11TH	1008	0	101	2	113	127	85	111	0	1008	24	0	0	0
SIDE STREET 10TH STREET	145	51	0	2	0	18	12	0	32	0	0	60	39	170
PARKING LOTS CHURCH LOT OFF 1ST AVE CHURCH LOT OFF 6TH ST ZIGGIES LOT	955	172	47	2	0	0	150	0	0	0	0	0	257	0
TEMPORARY DRIVEWAY ENTRANCES (SEE NOTE)		0	0	0	0	0	0	0	0	0	182	0	0	0
TOTALS	9843	739	775	17	1145	1105	887	1191	362	6439	462	669	698	1910

NOTE

7 TONS OF AGG TY B WERE ALLOCATED FOR EACH DRIVEWAY
ENTRANCE. THE REMOVAL OF THIS MATERIAL SHALL BE CONSIDERED
INCIDENTAL TO PCC DRIVEWAY, 6" PLACEMENT

PCC DRIVEWAY, 6" TABLE

LOCATION	AREA DIMENSIONS FEET	PCC DRIVE, 6" SQUARE YARDS	AGG BSE, 4" TY B (TON)	DRIVE REMOVAL SQUARE YARDS
LT STA 1+04	10.5 BY 21	25	6	25
LT STA 1+73	10.5 BY 24	28	7	28
LT STA 2+36	10.5 BY 12	14	3	14
RT STA 2+63	15.5 BY 29	50	12	50
RT STA 2+95	15.5 BY 9	16	4	16
RT STA 3+39	15.5 BY 11	19	4	19
RT STA 4+04	20.5 BY 13	30	7	30
LT STA 5+08	15.5 BY 13.5	23	5	23
LT STA 6+27	15.5 BY 16.5	28	7	28
LT STA 9+86	10.5 BY 19	22	5	22
LT STA 11+00	10.5 BY 22	26	6	26
LT STA 12+18	10.5 BY 22	26	6	26
RT STA 13+56	15 BY 32	53	12	53
RT STA 14+08	15.5 BY 18	31	7	31
LT STA 16+16	25.5 BY 20	57	13	57
RT STA 16+76	20.5 BY 13	30	7	30
RT STA 18+26	10.5 BY 47	55	13	55
LT STA 18+76	15.5 BY 12	21	5	21
RT STA 19+19	16.5 BY 15	28	6	28
RT STA 19+40	16.5 BY 16	29	7	29
LT STA 19+64	15.5 BY 11	19	4	19
RT STA 20+50	15.5 BY 21	36	8	36
RT STA 21+05	15.5 BY 19	33	8	33
LT STA 22+50	20.5 BY 25	57	13	57
LT STA 23+40	20.5 BY 21	48	11	48
RT STA 23+92	15.5 BY 21	36	8	36
TOTALS		840	194	840

PCC SIDEWALK, 4" TABLE

LOCATION	LENGTH FT	WIDTH FT	PCC SIDEWALK SQ FT	AGG BSE, 2" TY B TON	SIDEWALK REM SQ FT
LT STA 0+20 TO 4+15	395	4	1580	25	SEE NOTE
RT STA 0+52	30	5	150	2	150
LT STA 4+50 TO 8+50	400	4	1600	25	SEE NOTE
LT STA 8+80 TO 12+75	395	4	1580	25	SEE NOTE
LT STA 14+70 TO 17+00	230	4	920	15	SEE NOTE
LT STA 17+50 TO 21+30	380	4	1520	24	SEE NOTE
LT STA 21+70 TO 24+84	314	4	1256	20	SEE NOTE
LT STA 0+25	25	4	100	2	100
RT STA 0+50 TO 2+30	180	5	900	12	900
RT STA 0+50 TO	20	5	100	2	100
RT STA 0+55 TO 0+70	15	4	60	1	60
LT STA 0+50 TO 0+65	15	5	75	1	75
LT STA 2+60	20	5	100	2	100
RT STA 3+00	40	4	160	2	160
RT STA 4+45	40	4	160	2	160
LT STA 4+57	25	4	100	2	100
LT STA 4+60 TO 5+00	40	4	0	0	160
LT STA 6+73	20	4	80	2	80
LT STA 7+30	20	4	80	2	80
LT STA 7+30 TO 7+95	70	4	0	0	280
LT STA 7+95	20	4	80	2	80
LT STA 17+00	25	4	100	2	100
LT STA 20+84	25	4	100	2	100
LT STA 21+81	25	4	100	2	100
LT STA 23+15	25	4	100	2	100
LT STA 21+80 TO 24+75	295	4	0	0	1180
LT STA 23+94	25	4	100	2	100
TOTAL			11101	178	4265

NOTE: INCLUDED IN EARTH EXCAVATION QUANTITIES

COMB CONC CURB & GUTTER TY B 6.18

LOCATION	LENGTH FT
LT STA 0+00 TO 4+20	460
LT STA 4+50 TO 8+50	460
LT STA 8+75 TO 12+80	460
LT STA 14+35 TO 17+15	310
LT STA 17+35 TO 21+35	475
LT STA 21+60 TO 26+54	550
RT STA 0+12 TO 10+00	1030
RT STA 13+18 TO 26+54	1365
TOTAL	5,110

NOTE: EXCAVATION REQUIRED FOR COMB CONCRETE
CURB AND GUTTER IS INCLUDED IN EARTH
EXCAVATION QUANTITIES

H M A BASE CSE, WIDENING, 7"

LOCATION	LENGTH FT	WIDTH FT	AREA SQ YD
LT STA 0+00 TO 4+20	460	2.5	128
LT STA 4+50 TO 8+50	460	2.5	128
LT STA 8+50 TO 12+80	460	2.5	128
LT STA 19+50 TO 26+54	740	2.5	205
RT STA 0+12 TO 10+00	1030	2.5	286
RT STA 19+50 TO 26+54	740	2.5	205
TOTAL			1080

NOTE: EXCAVATION REQUIRED FOR H M A BASE CSE
WIDENING, 7" IS INCLUDED IN EARTH
EXCAVATION QUANTITIES

DISABILITY SIDEWALK RAMPS

LOCATION	EACH	AREA SQ FT
LT STA 0+20	1	8
RT STA 0+50	1	8
RT STA 2+26	1	8
LT STA 4+50	1	8
LT STA 4+15	1	8
LT STA 8+50	1	8
LT STA 8+80	1	8
LT STA 12+75	1	8
LT STA 14+70	1	8
LT STA 17_00	1	8
LT STA 17+50	1	8
LT STA 21+30	1	8
LT STA 21+70	1	8
LT STA 21+84	1	8
TOTAL	14	112

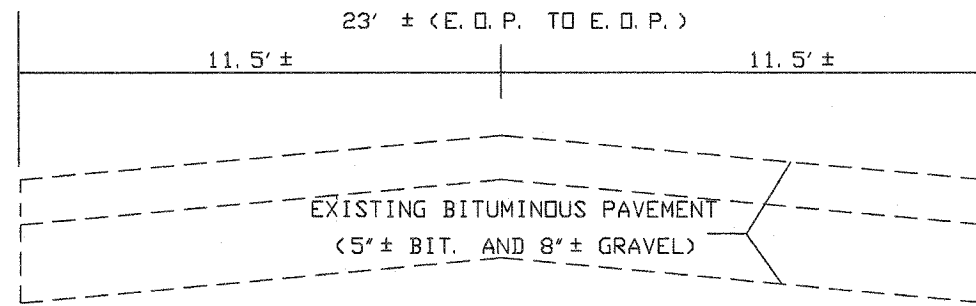
EXISTING ROADWAY SECTIONS

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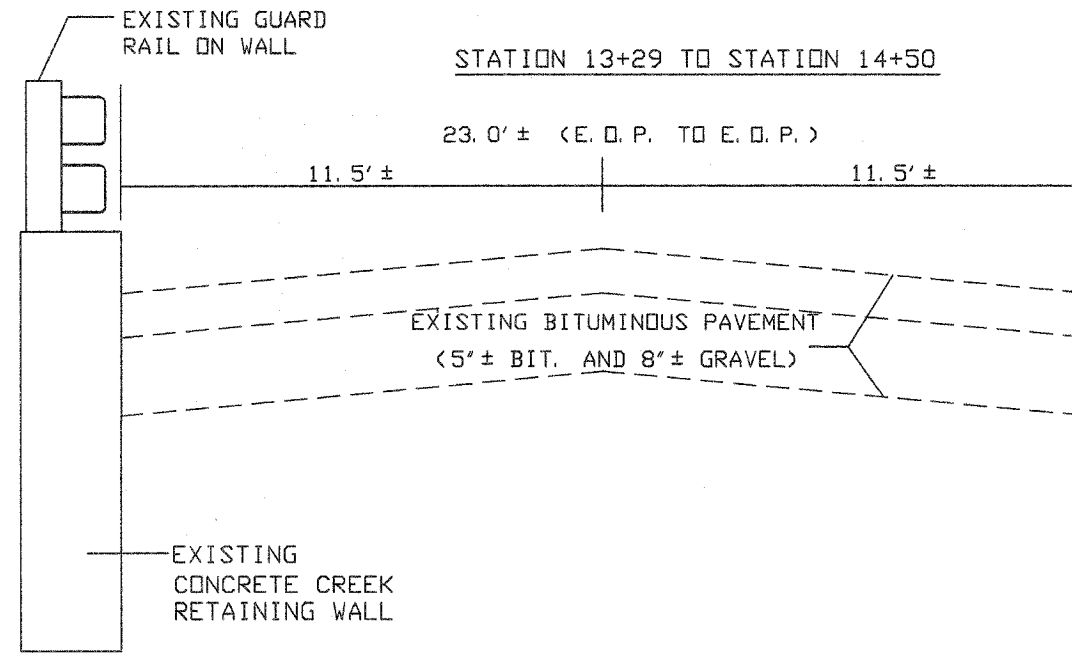
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	6

CITY OF MENDOTA
CONTRACT NO. 87353

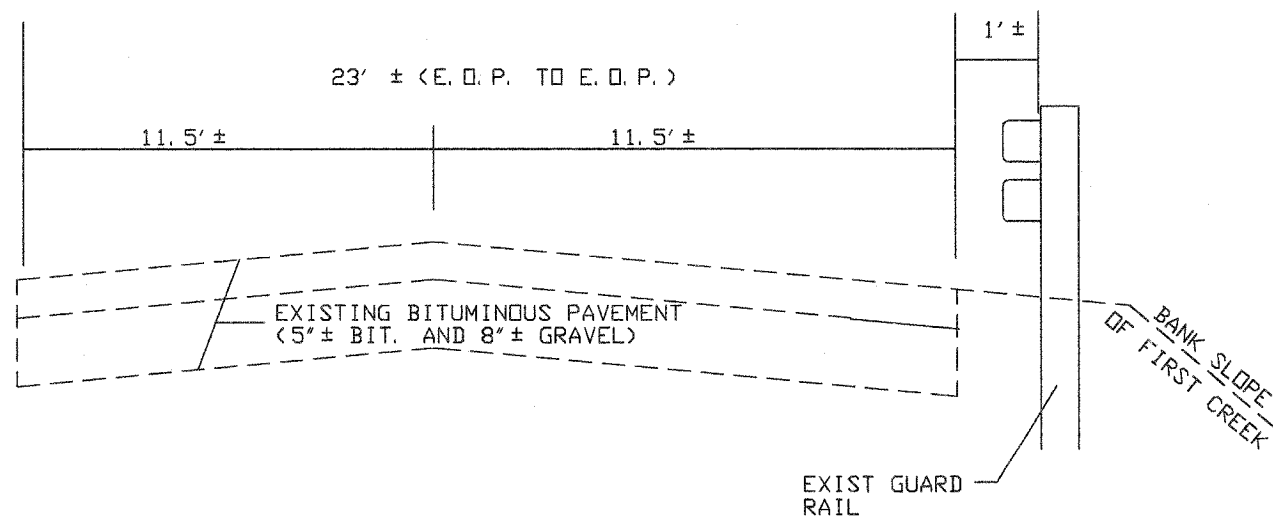
STATION 0+00 TO STATION 9+00



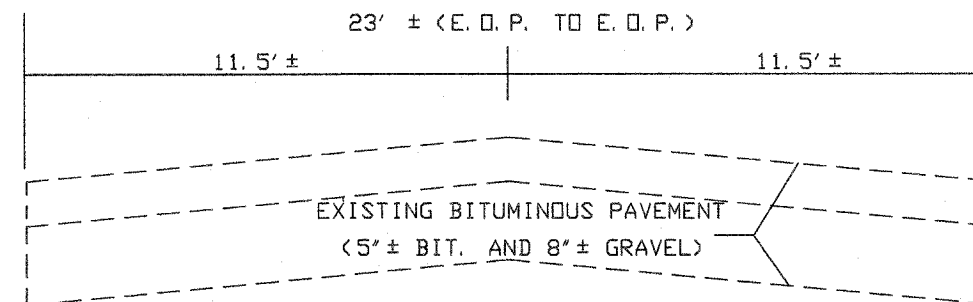
STATION 13+29 TO STATION 14+50



STATION 9+00 TO STATION 13+00



STATION 14+50 TO STATION 22+54



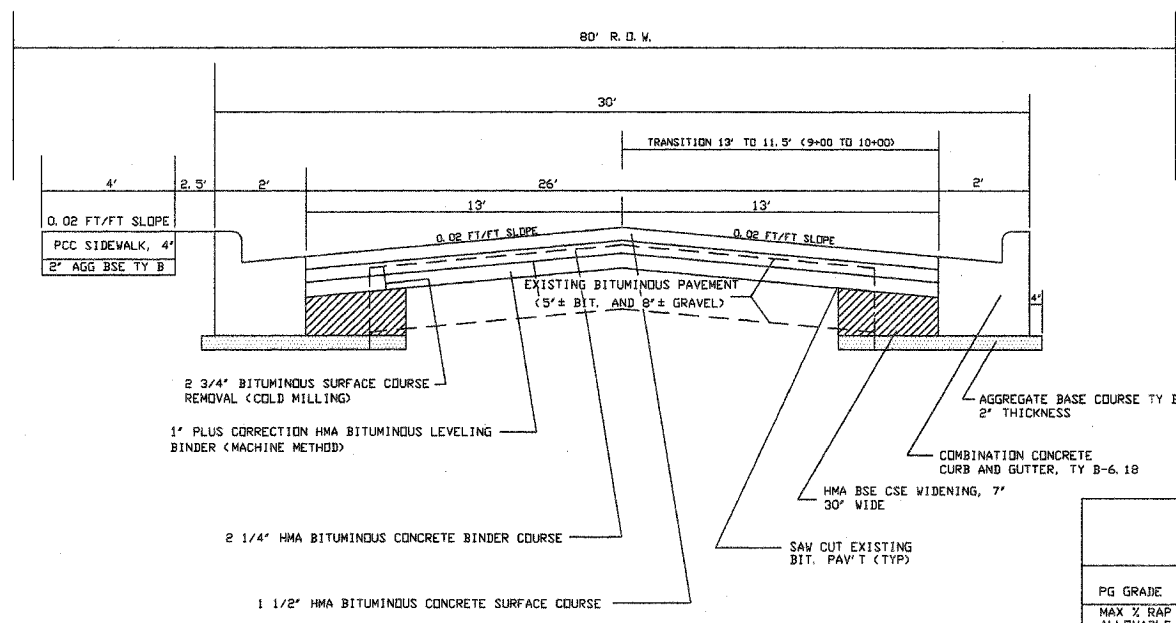
PROPOSED TYPICAL ROADWAY SECTIONS

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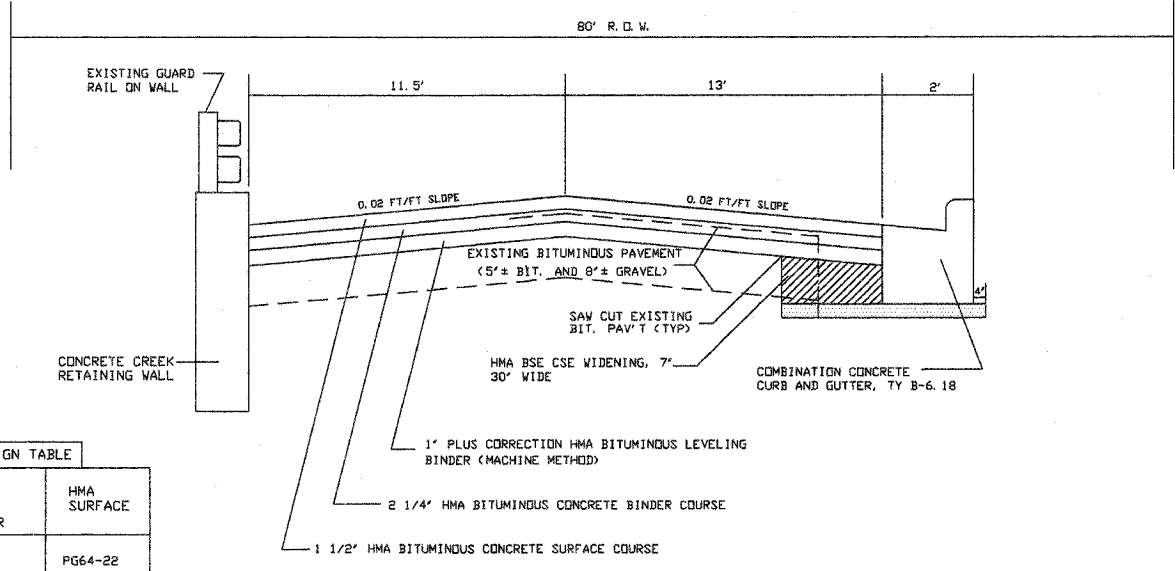
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-PP	LA SALLE	33	7

CITY OF MENDOTA
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STATION 0+00 TO STATION 10+00 AND STATION 19+50 TO STATION 26+54



STATION 13+29 TO STATION 14+50

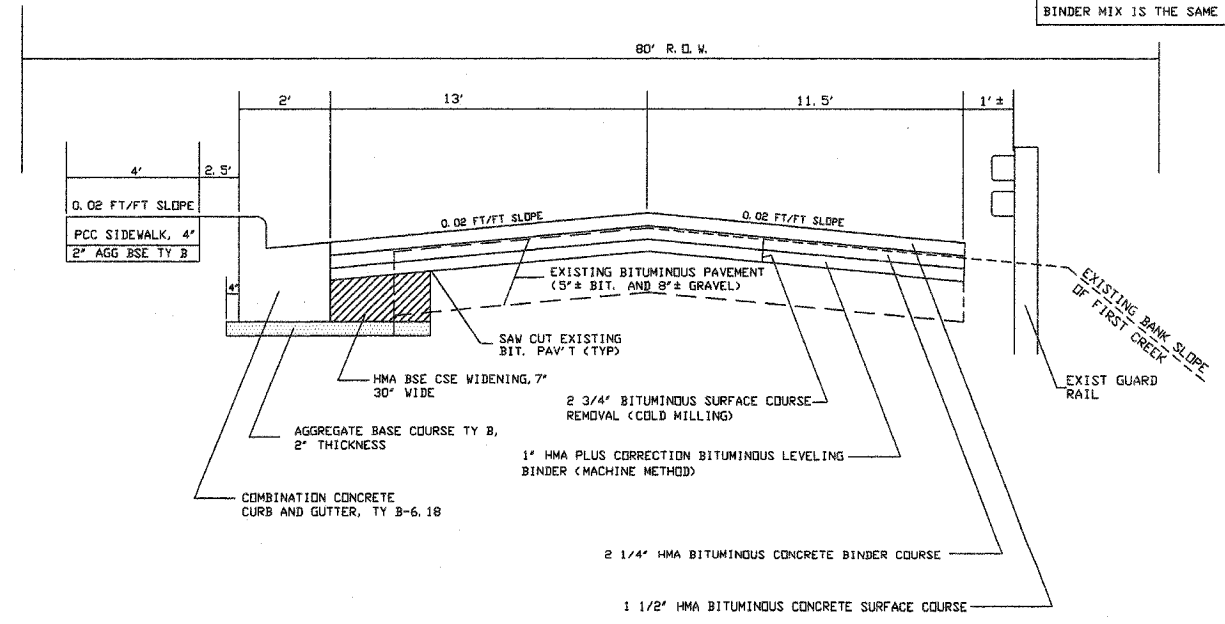


HOT MIX ASPHALT DESIGN TABLE

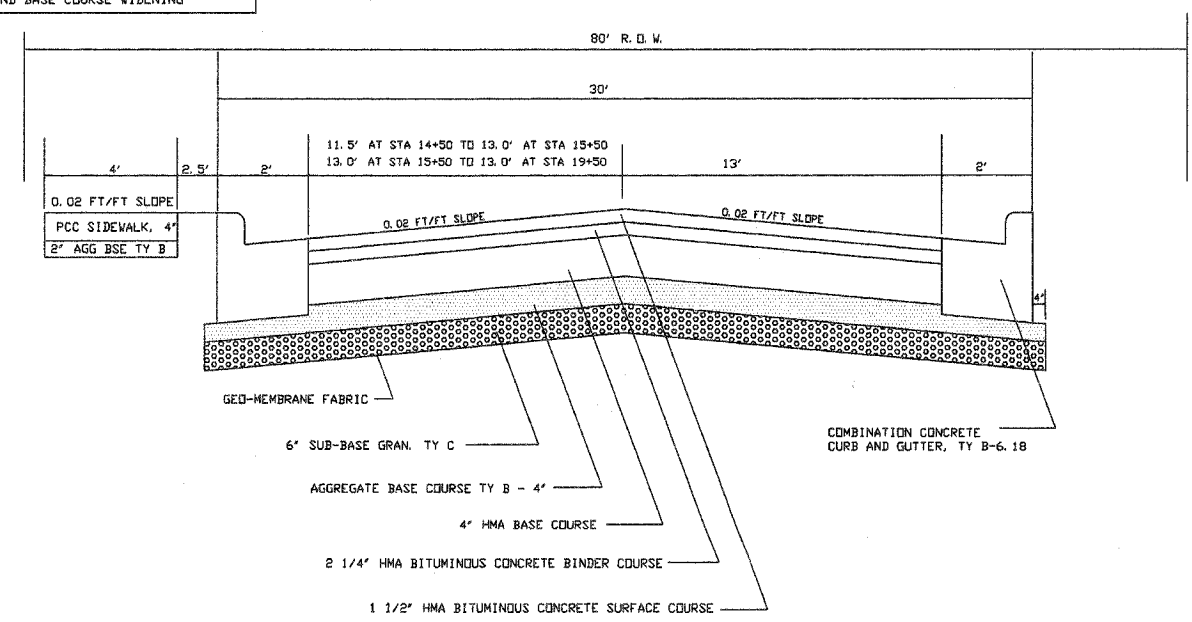
	HMA BINDER	HMA LEVEL BINDER	HMA SURFACE
PG GRADE	PG64-22	PG64-22	PG64-22
MAX % RAP ALLOWABLE **	25%	25%	15%
DESIGN AIR VOIDS	4.0% @ NSD	4.0% @ NSD	4.0% @ NSD
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5
FRICTION AGGREGATE			MIXTURE C
DENSITY TEST METHOD	NUCLEAR/ CORES	SATISFACTION OF ENGINEER	NUCLEAR/ CORES

** IF THE RAP PERCENTAGE IS DIFFERENT THAN LISTED ABOVE, THE PG GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER. BINDER MIX IS THE SAME AS BASE COURSE AND BASE COURSE WIDENING

STATION 10+00 TO STATION 13+00



STATION 14+50 TO STATION 19+50



F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	8

CITY OF MENDOTA
CONTRACT NO. 87353

EROSION AND SEDIMENT CONTROL MEASURES

THE FOLLOWING INTERIM AND PERMANENT STABILIZATION PRACTICES, AS A MINIMUM WILL BE IMPLEMENTED TO STABILIZE THE DISTURBED AREA OF THE SITE:

1. PERMANENT SEEDING
2. INLET PROTECTION
3. OUTLET PROTECTION

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE EROSION CONTROL ON THE JOB SITE. THE FOLLOWING EROSION CONTROL SEQUENCE SHALL BE ADHERED TO:

INSTALL SILTATION FENCING BARRIERS AROUND INLETS, PIPE DISCHARGE POINTS, AND OTHER AREAS AS DIRECTED. ANY SILTATION OF CONDUITS, STRUCTURES, OR DITCHES SHALL BE CLEANED AND MAINTAINED BY THE CONTRACTOR ON A WEEKLY BASIS, UNTIL THE SEEDING HAS TAKEN HOLD. ALL WASHOUTS, GULLIES, ETC. WILL BE REGRADED AND RESEDED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR'S RESPONSIBILITY FOR EROSION CONTROL SHALL EXTEND THROUGHOUT THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF PAVED SURFACES WITHIN AND ADJACENT TO THE PROJECT.

ALL EROSION CONTROL PRACTICES SHALL BE IN COMPLIANCE WITH THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND WITH "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL" AS PUBLISHED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

MAINTENANCE
THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN AND STANDARD SPECIFICATIONS.

STABILIZED CONSTRUCTION ENTRANCE: THE ENTRANCE SHALL BE MAINTAINED TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC STREETS. THIS WILL BE DONE BY TOP DRESSING WITH ADDITIONAL STONES, REMOVE AND REPLACE TOP LAYER OF STONES OR WASHING THE ENTRANCE. THE SEDIMENT WASHED ON THE PUBLIC RIGHT OF WAY WILL BE REMOVED IMMEDIATELY.

SILTATION FENCE BARRIER FILTER: THE SILTATION FENCE BARRIER FILTER SHALL BE INSPECTED FREQUENTLY AND SHALL BE REPAIRED OR REMOVED AND REPLACED AS NEEDED.

INSPECTIONS
THE OWNER, OR OWNER'S REPRESENTATIVE SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN FINALLY STABILIZED. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

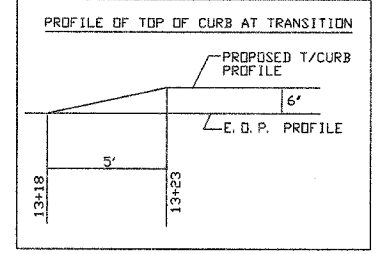
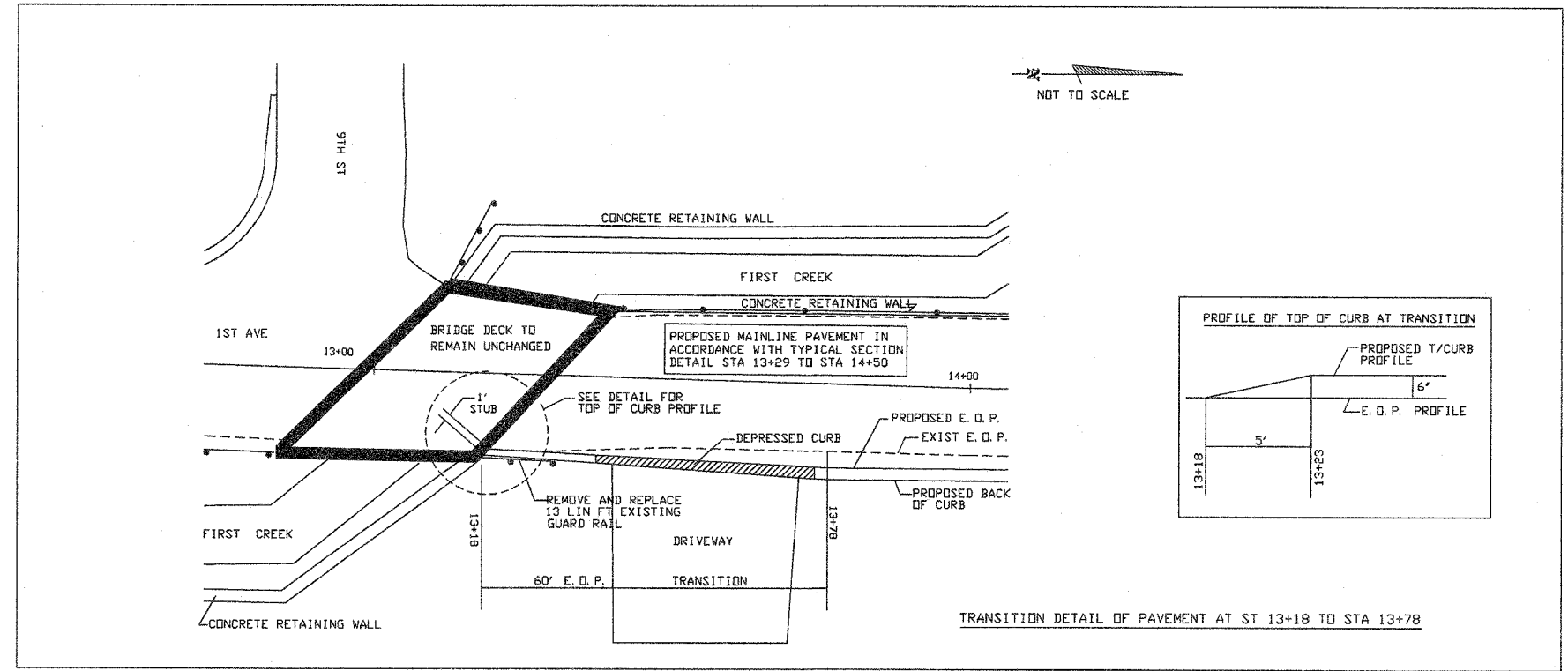
STREET CLEANING
EACH SITE SHALL HAVE GRAVELED (OR EQUIVALENT) ENTRANCE ROADS, ACCESS DRIVES, AND PARKING AREAS OF SUFFICIENT LENGTH AND WIDTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING (NOT FLUSHING) BEFORE THE END OF EACH WORKDAY AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

PAVED AREAS THAT HAVE SOIL ON THEM FROM CONSTRUCTION SITES SHOULD BE CLEANED DAILY, OR AS NEEDED UTILIZING A STREET SWEEPER OR BUCKET - TYPE END LOADER OR SCRAPER.

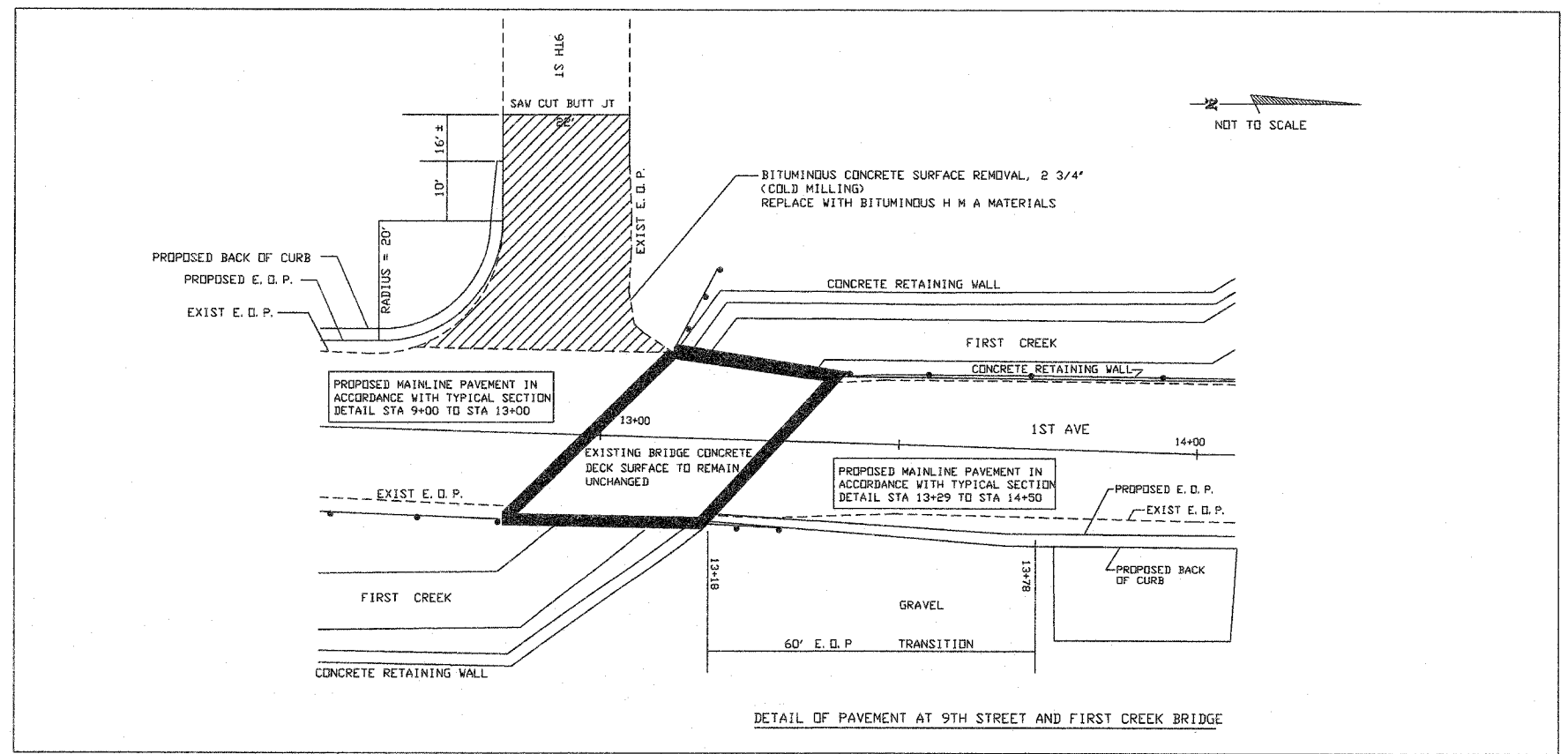
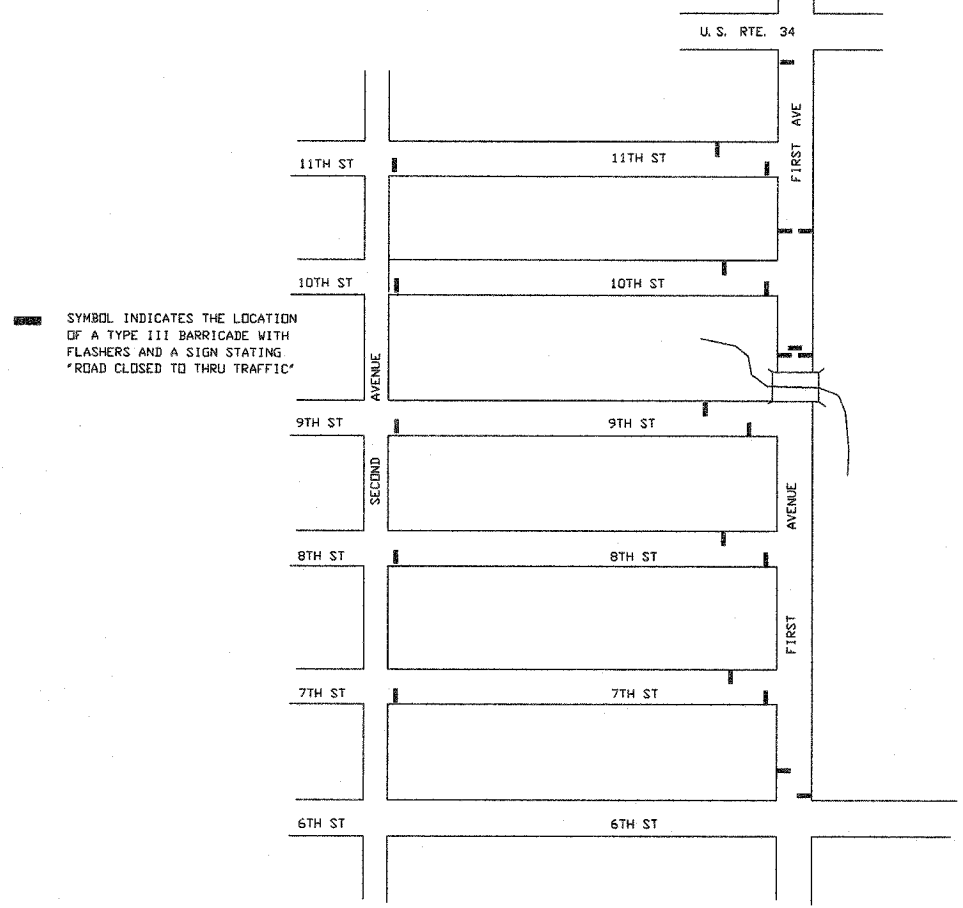
SEEDING SPECS:
STANDARD LAWN MIXTURE
KENTUCKY BLUEGRASS 50 LBS/ACRE MIXED WITH PERENNIAL REGRESS 30 LBS/ACRE AND CREEPING RED FESCUE 20 LBS/ACRE
OR EQUAL AS APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

TILLING, RAKING AND SEEDING OF TOPSOIL MATERIALS PLACED BY THE CONTRACTOR SHALL BE PERFORMED BY THE CITY OF MENDOTA

EROSION AND SEDIMENT CONTROL MEASURES AS STATED ABOVE SHALL BE PAID FOR AS INLET AND PIPE PROTECTION EACH ALL REQUIRED STREET AND DRIVEWAY CLEANING SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS ITEMS OF CONSTRUCTION

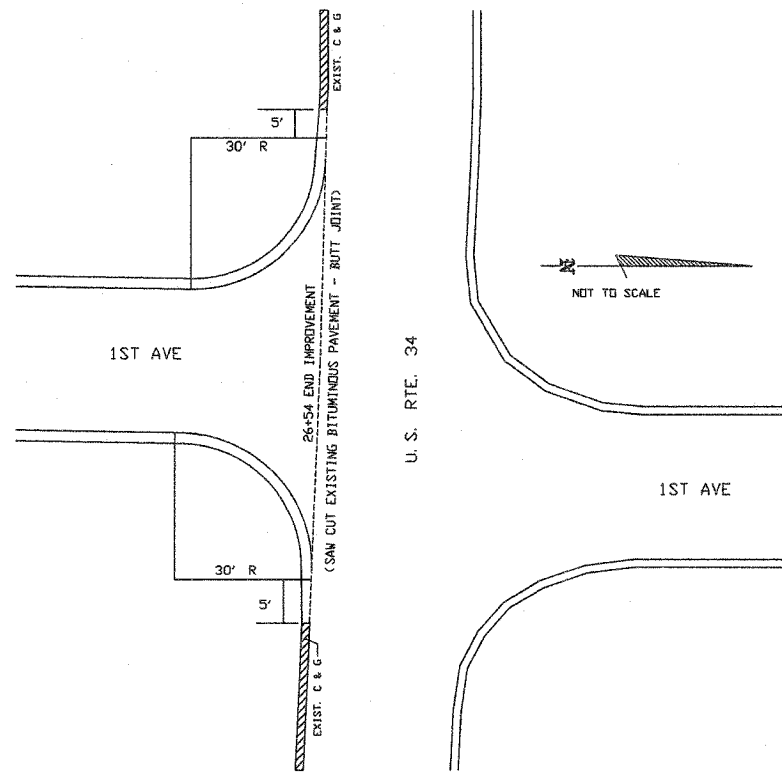


TRAFFIC CONTROL PLAN

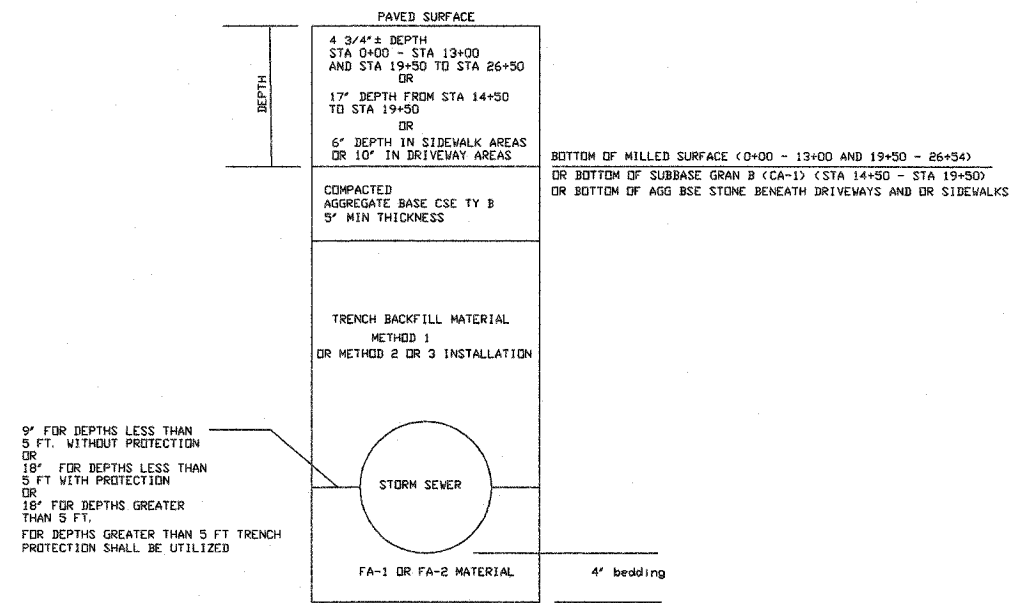


F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	9

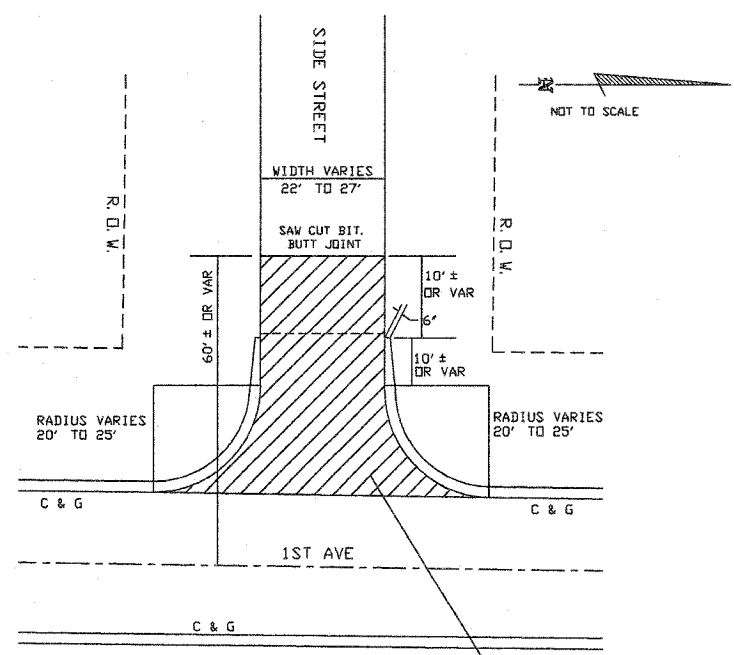
CITY OF MENDOTA
CONTRACT NO. 87353



PROPOSED 1ST AVENUE AND U. S. RTE 34 DETAIL



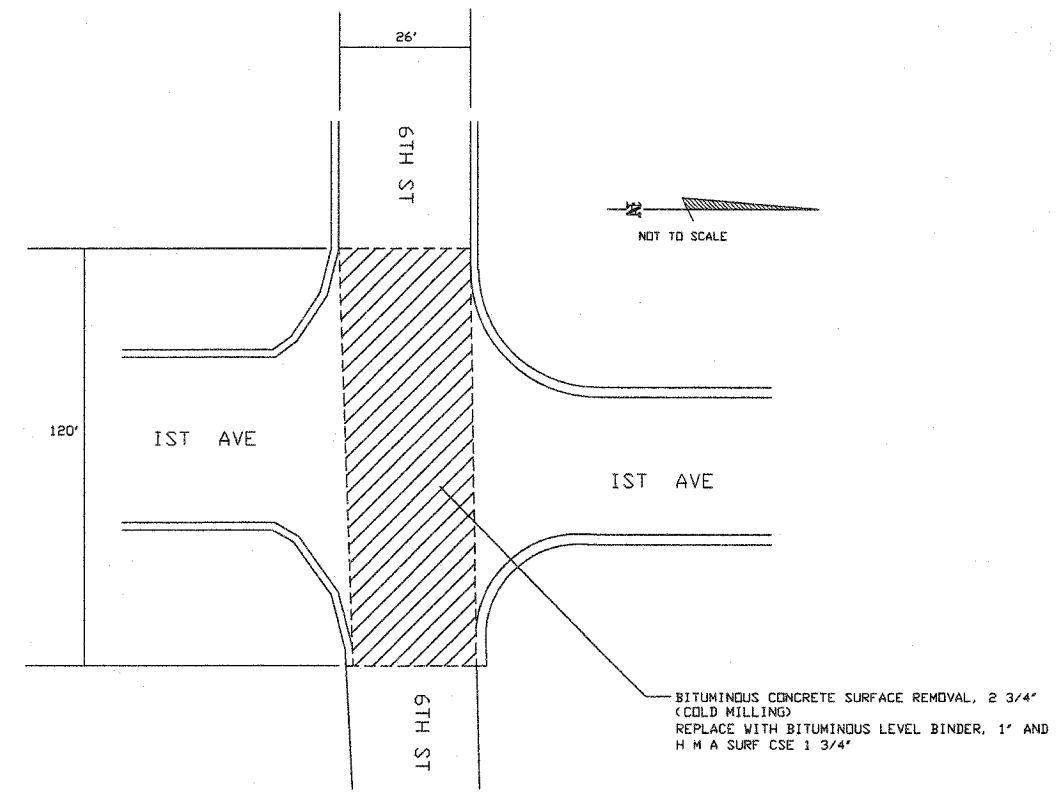
STORM SEWER TRENCH DETAIL BENEATH PAVED AREAS



PROPOSED 1ST AVENUE AND SIDE STREET DETAIL

BITUMINOUS CONCRETE SURFACE REMOVAL, 2 3/4" (COLD MILLING) - 7TH, 8TH, 9TH & 11TH STREETS. REPLACE WITH BITUMINOUS H M A MATERIALS ON 7TH, 8TH, 9TH & 11TH STREETS. REQUIRED STREET WIDENING WILL BE IN ACCORDANCE WITH TYPICAL ROADWAY SECTIONS

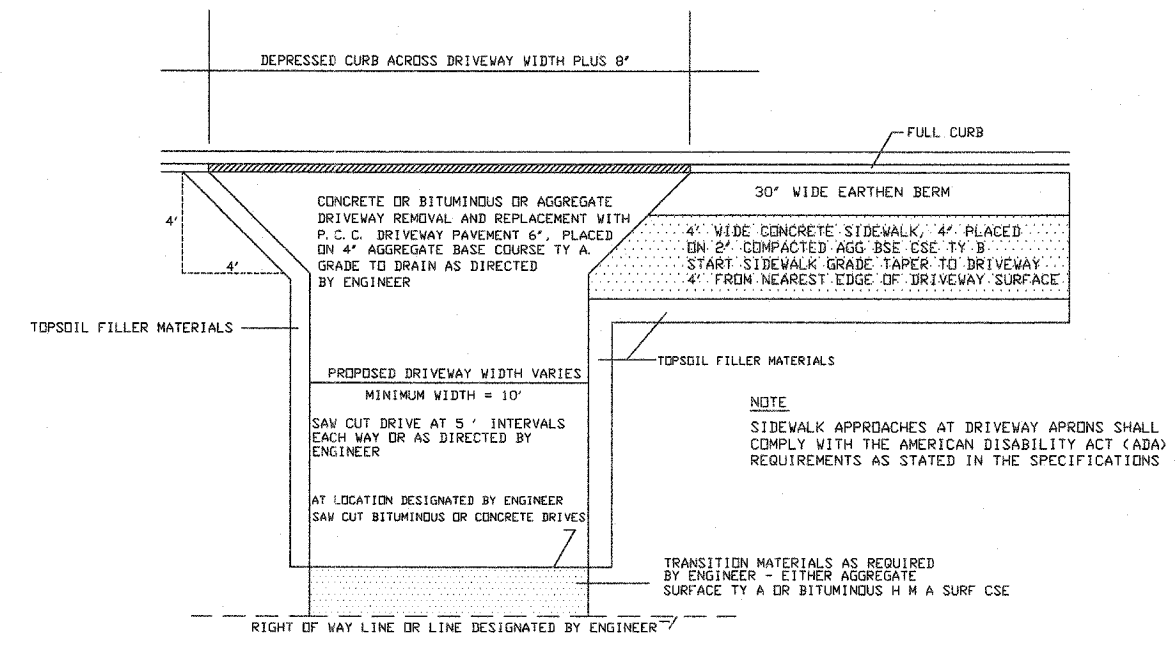
TOTAL PAVEMENT REMOVAL AND REPLACEMENT FOR 10TH STREET AS PER TYPICAL ROADWAY SECTION STA 14+50 TO STA 19+50



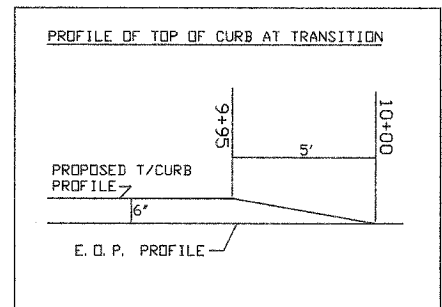
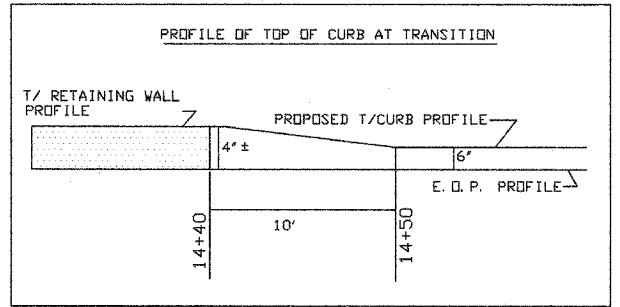
PROPOSED 1ST AVENUE AND 6TH STREET DETAIL

F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	39	10

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CONTRACT NO. 87353

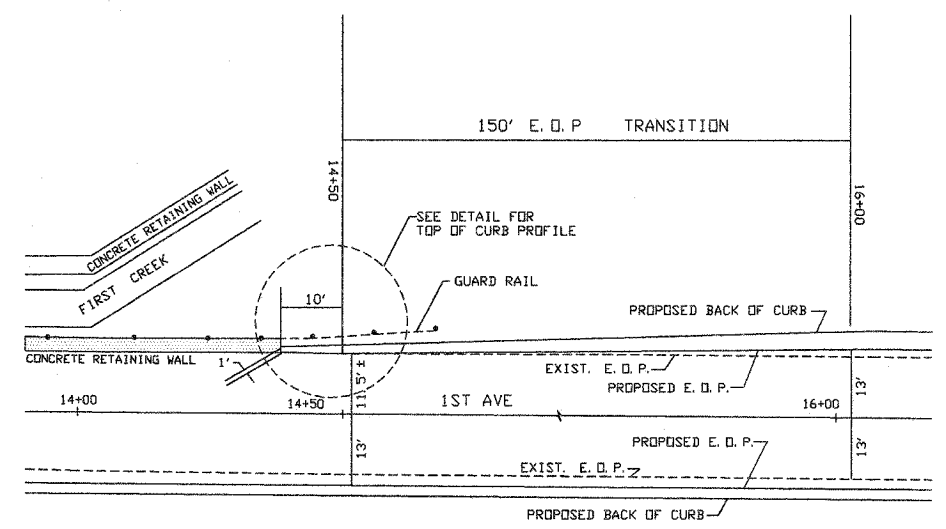


PROPOSED TYPICAL DRIVEWAY AND SIDEWALK DETAIL
(NOT TO SCALE)

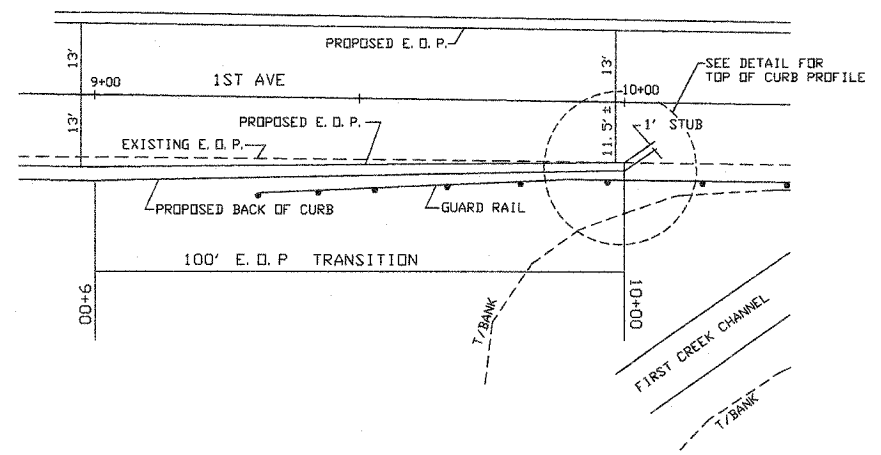


NOT TO SCALE

NOT TO SCALE



TRANSITION DETAIL OF PAVEMENT AT STA 14+50 TO STA 16+00

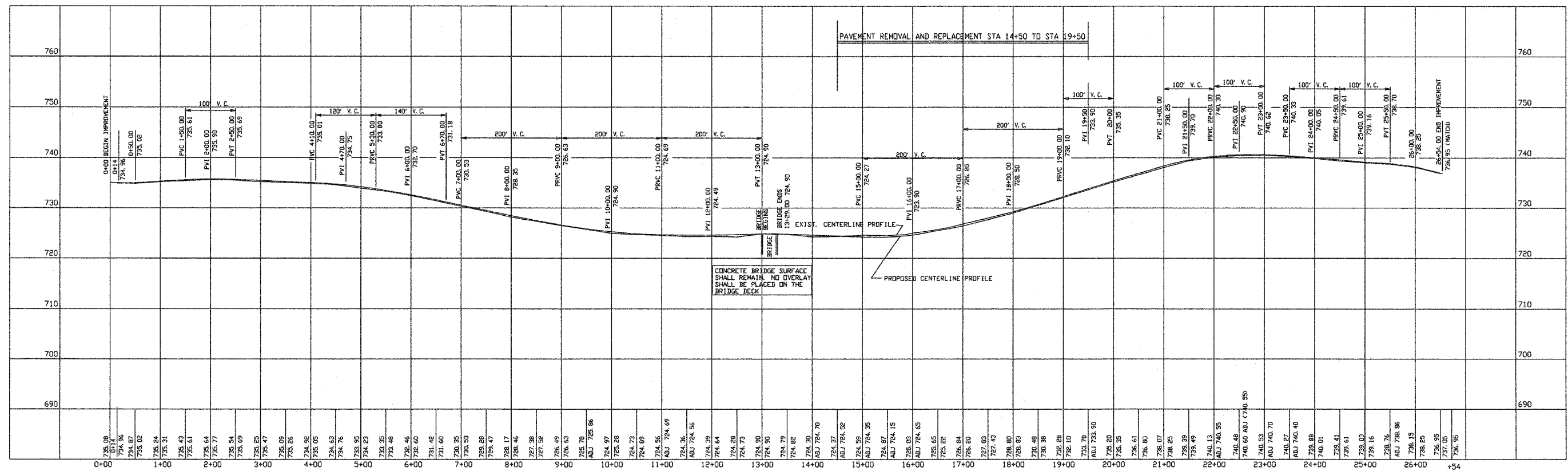
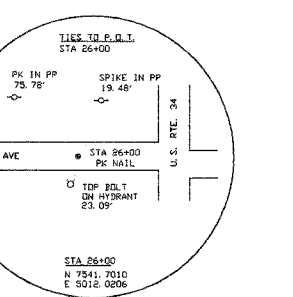
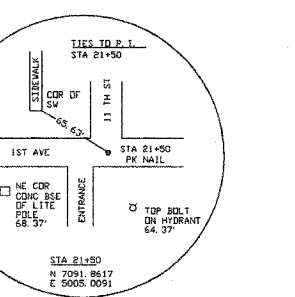
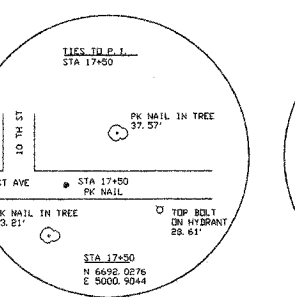
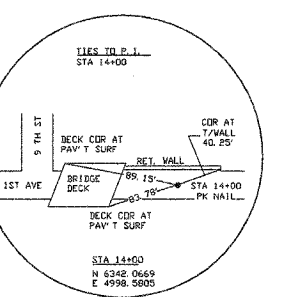
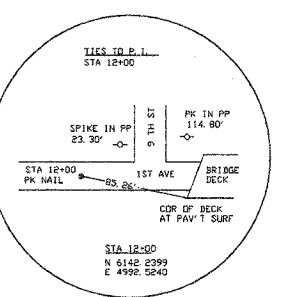
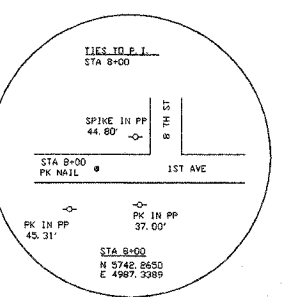
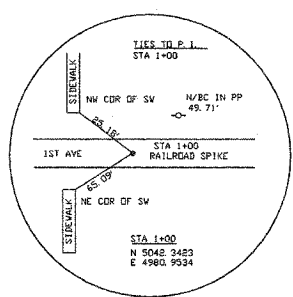
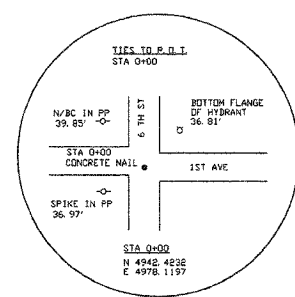
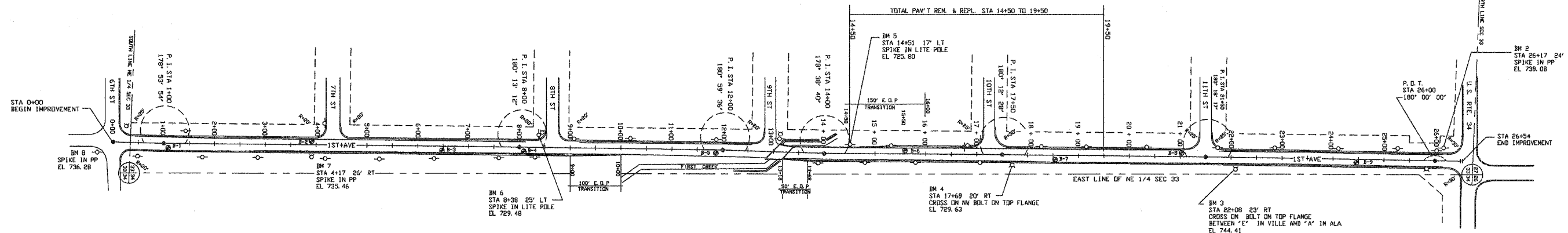
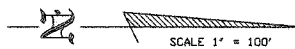


TRANSITION DETAIL OF PAVEMENT AT STA 9+00 TO STA 10+00

HORIZONTAL AND VERTICAL CONTROL LAYOUT

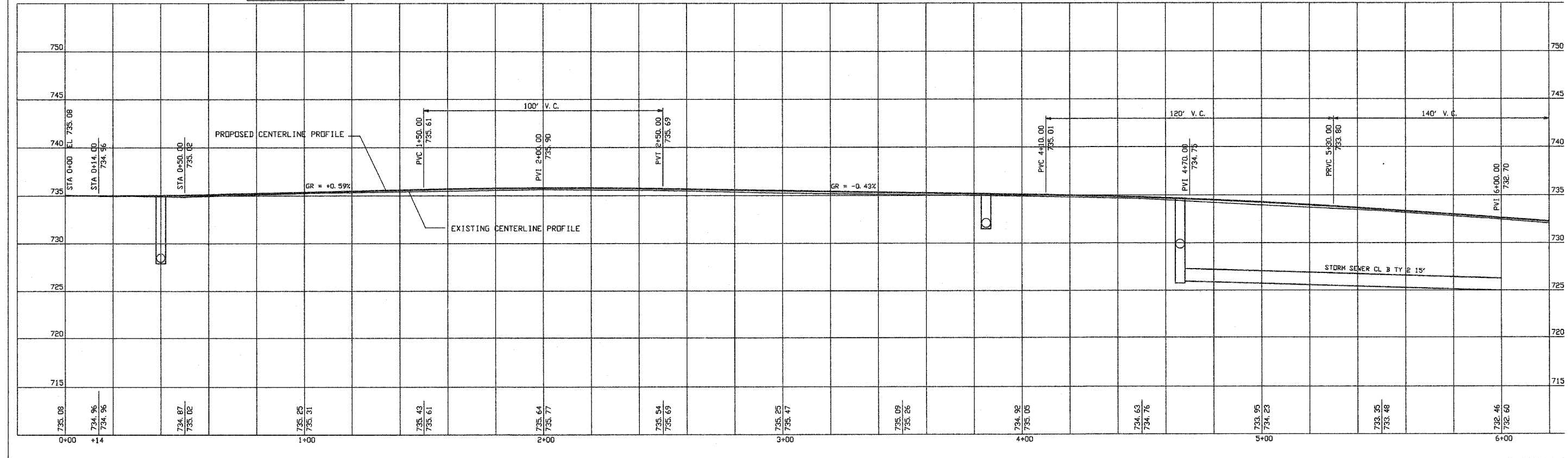
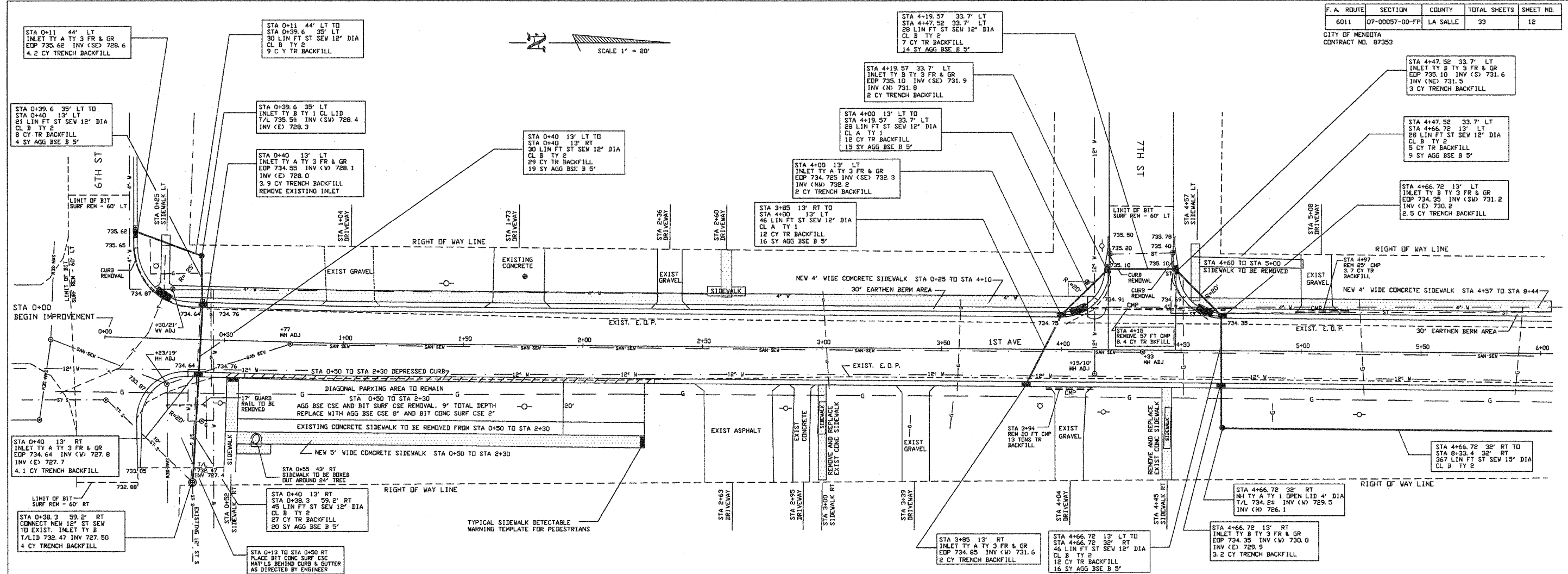
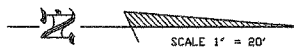
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	11

CITY OF HENDOTA
CONTRACT NO. 87353



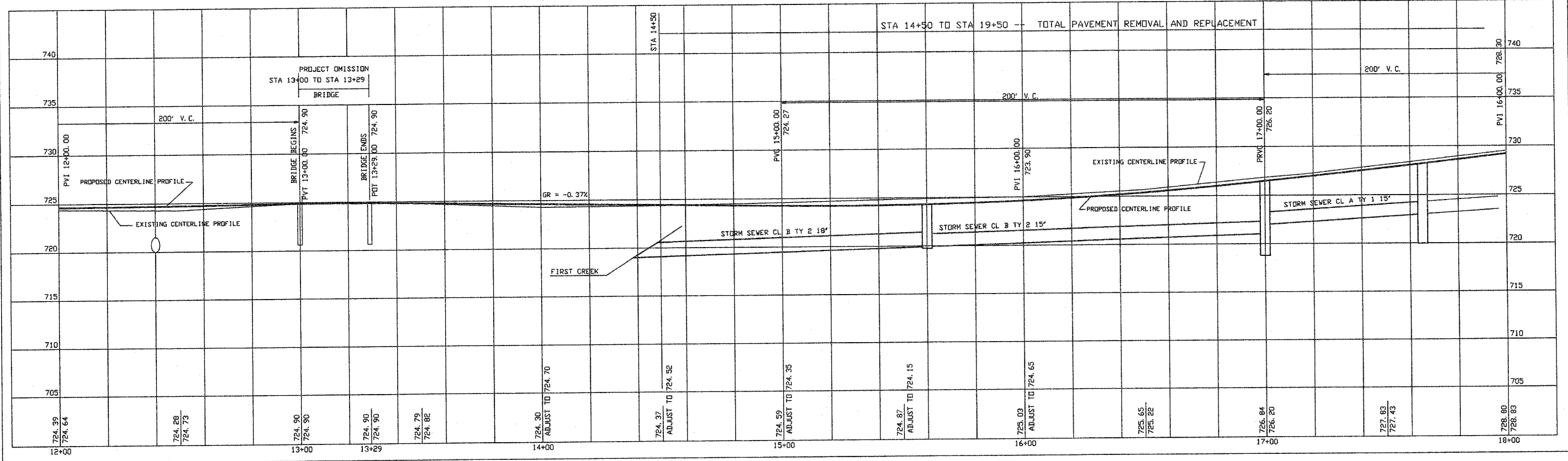
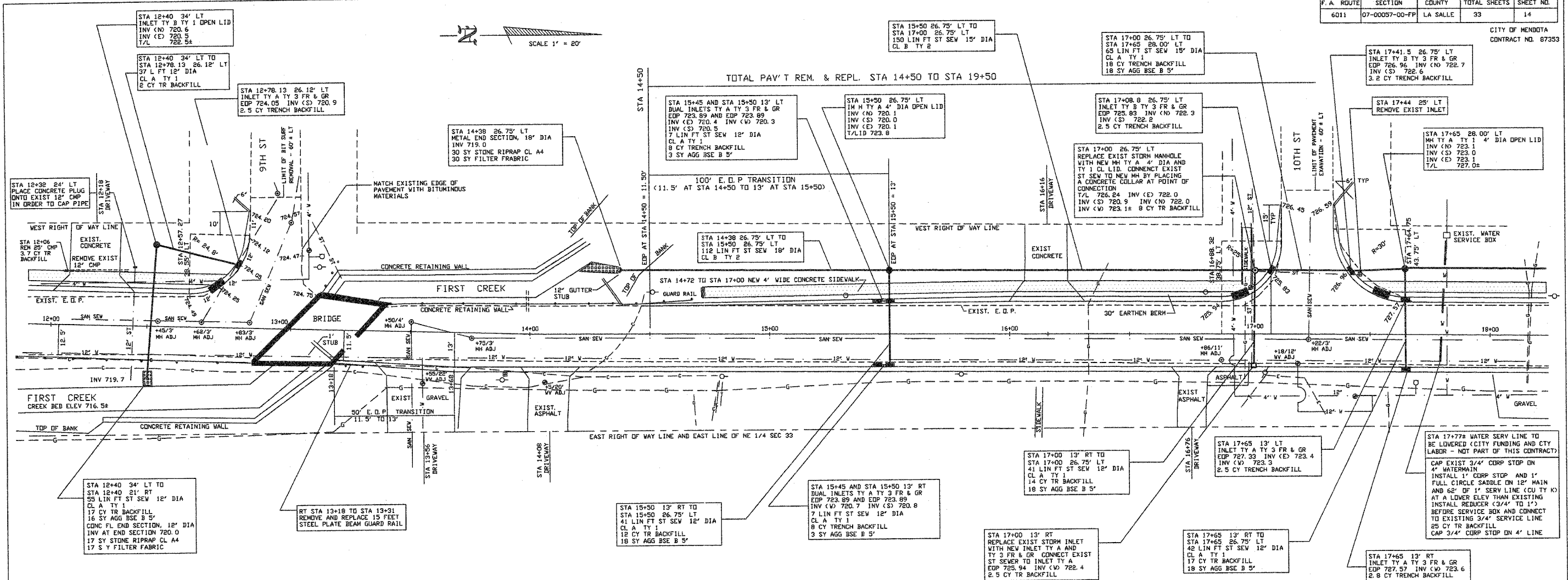
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	12

CITY OF MENARD
CONTRACT NO. 87353



F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-0057-00-FP	LA SALLE	33	14

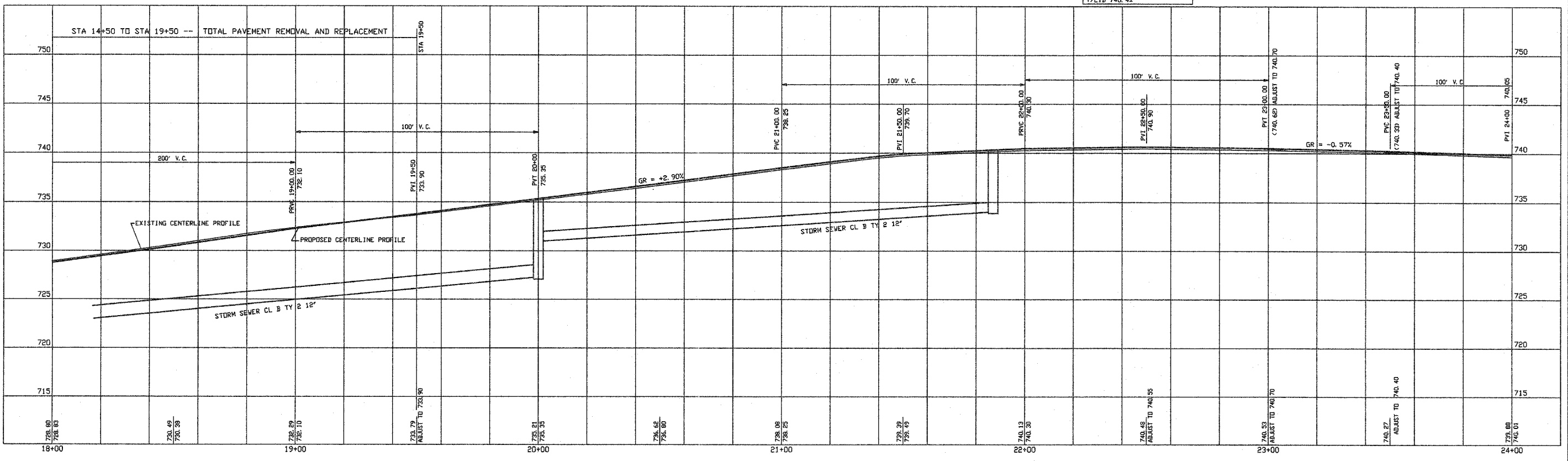
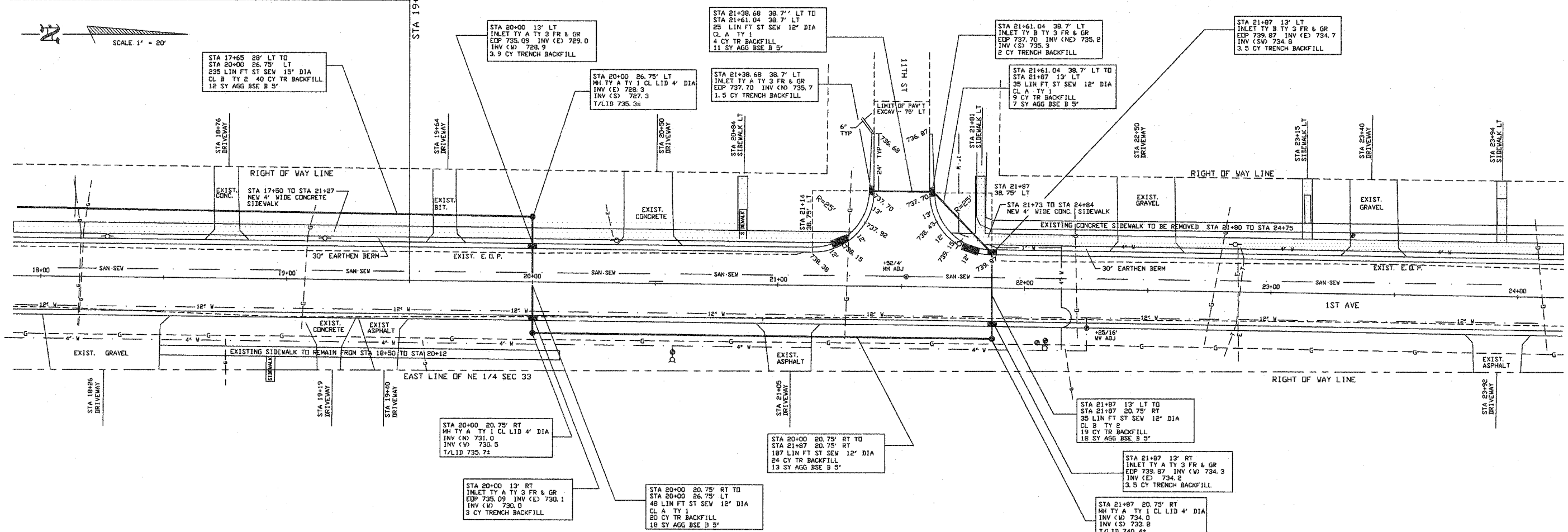
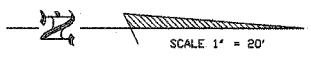
CITY OF MENDOTA
CONTRACT NO. 87353



F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-0007-00-FP	LA SALLE	33	15

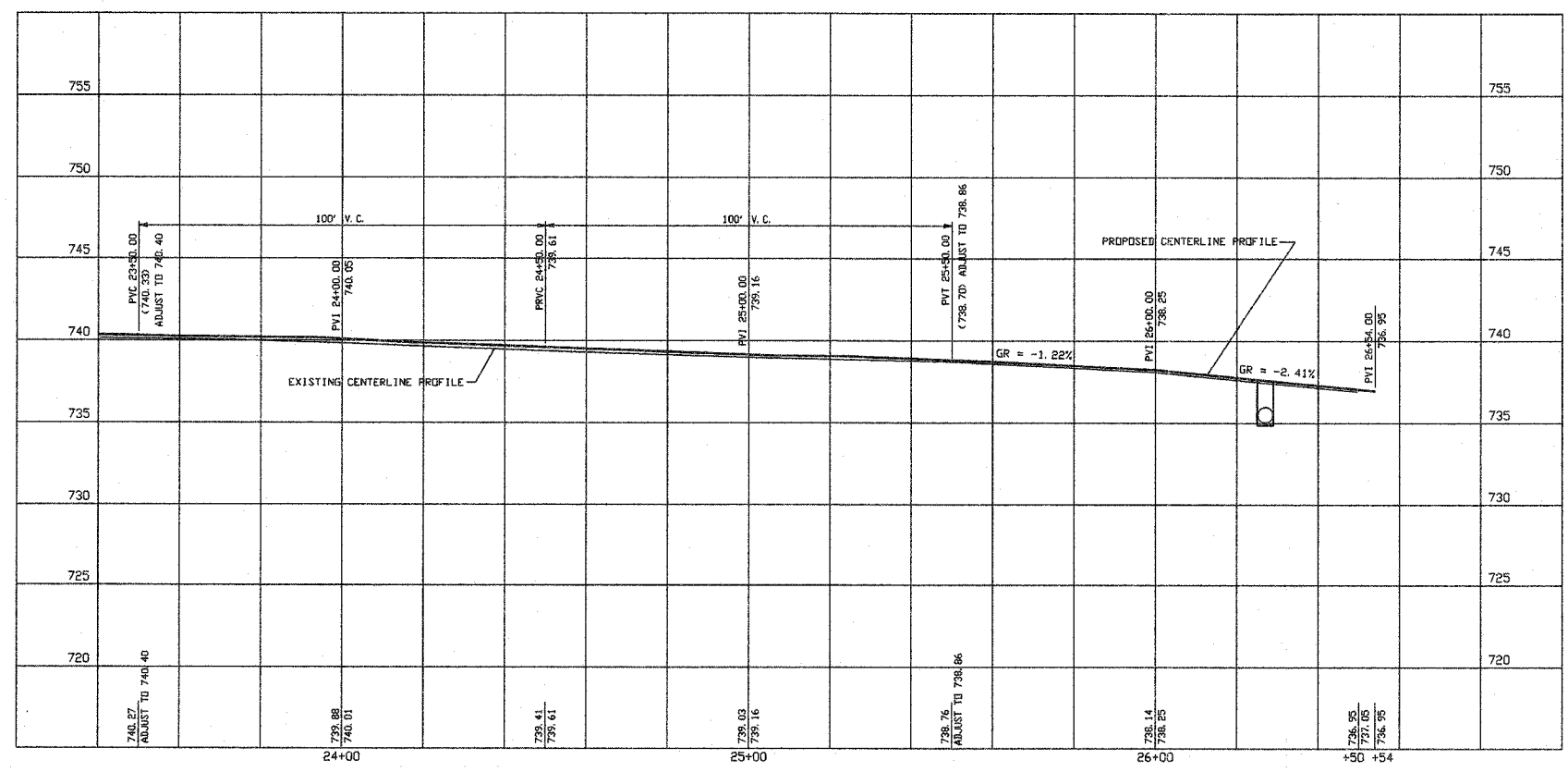
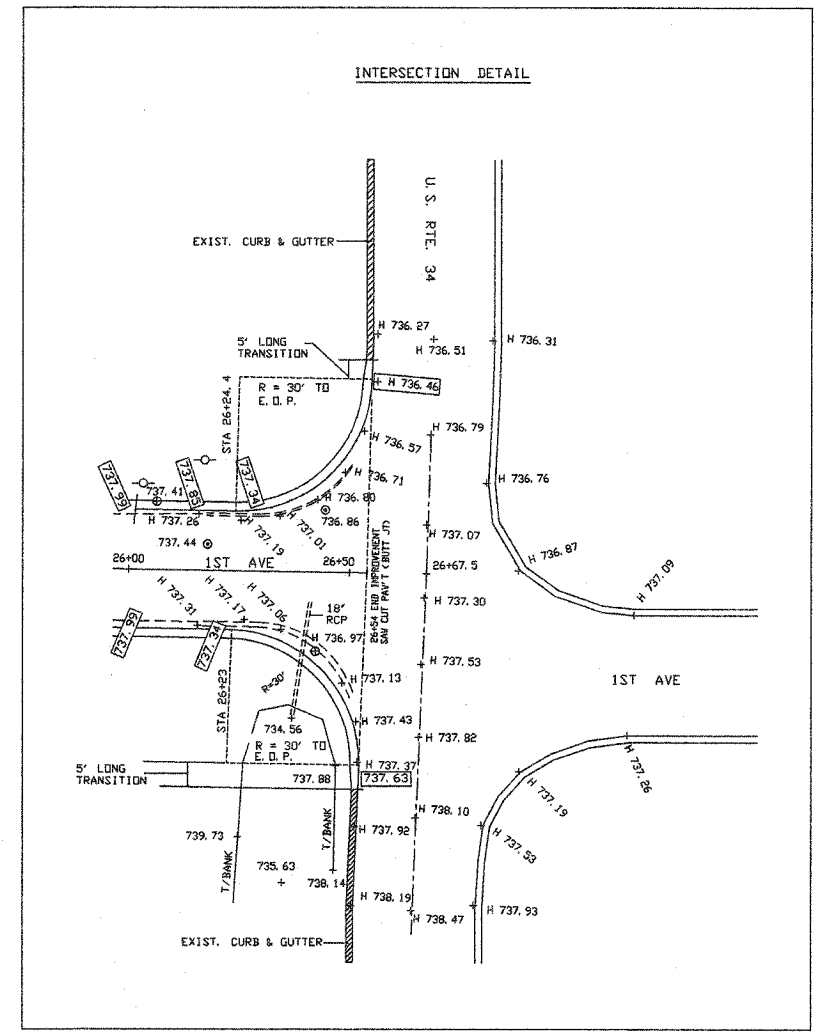
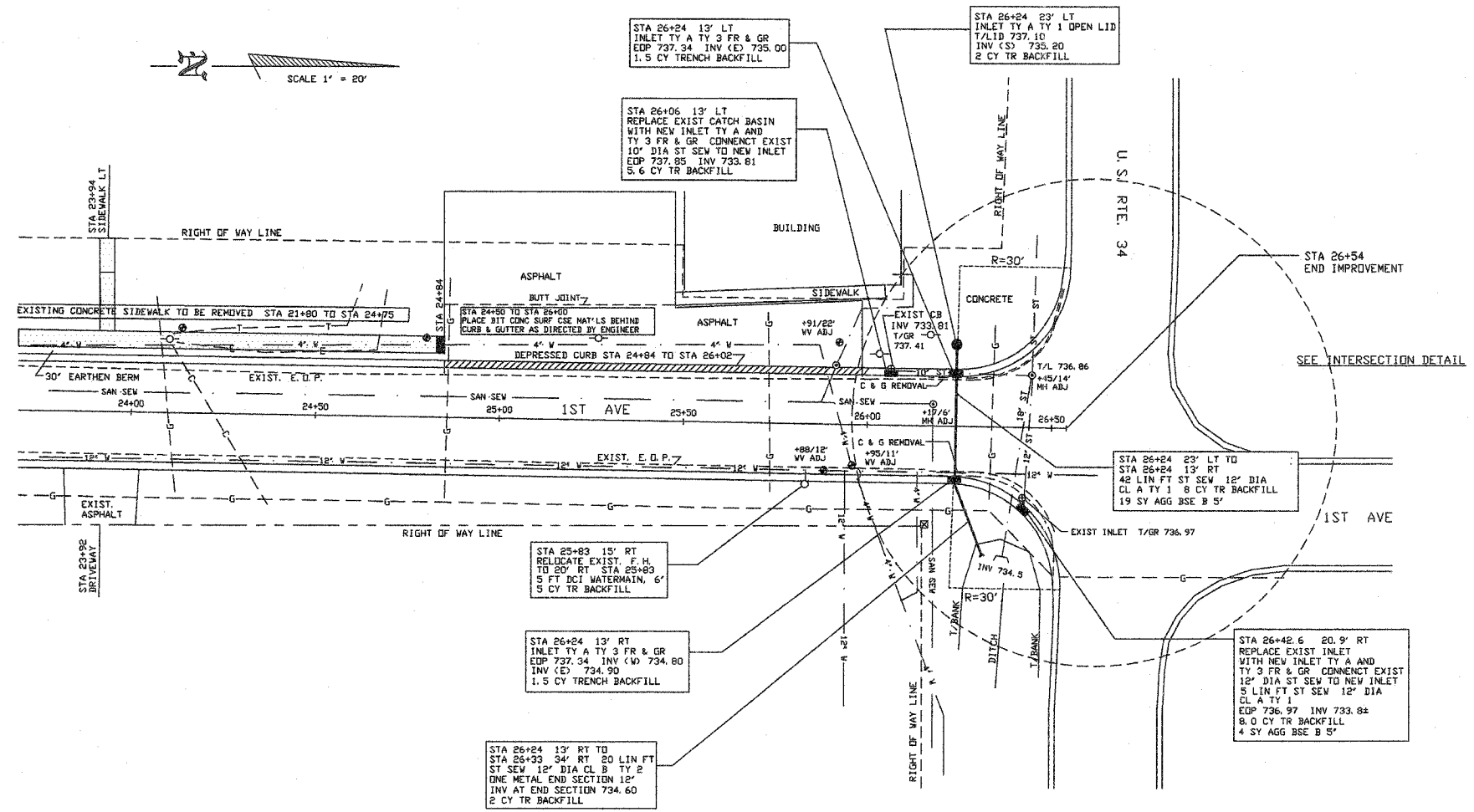
CITY OF MENDOTA
CONTRACT NO. 07353

TOTAL PAV'T REM. & REPL. STA 14+50 TO STA 19+50



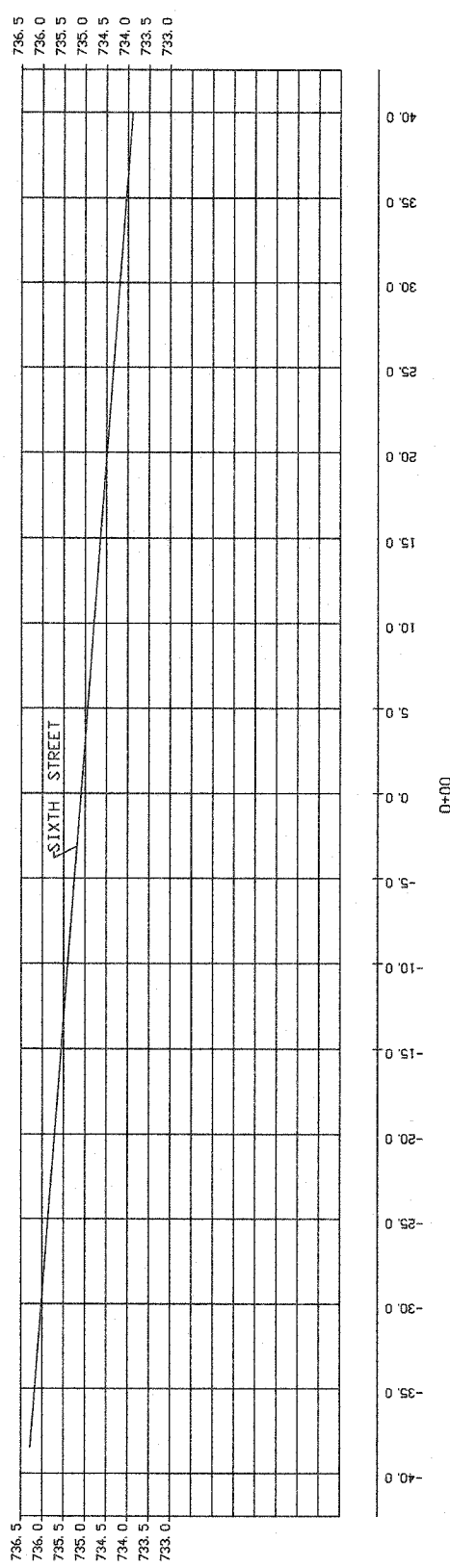
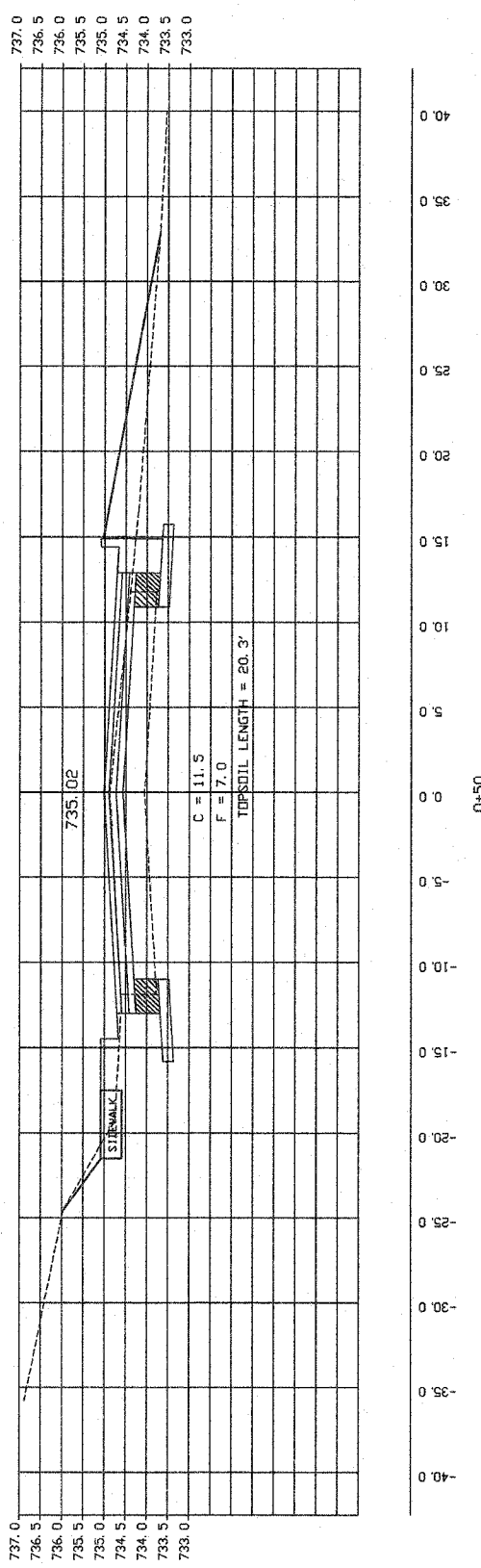
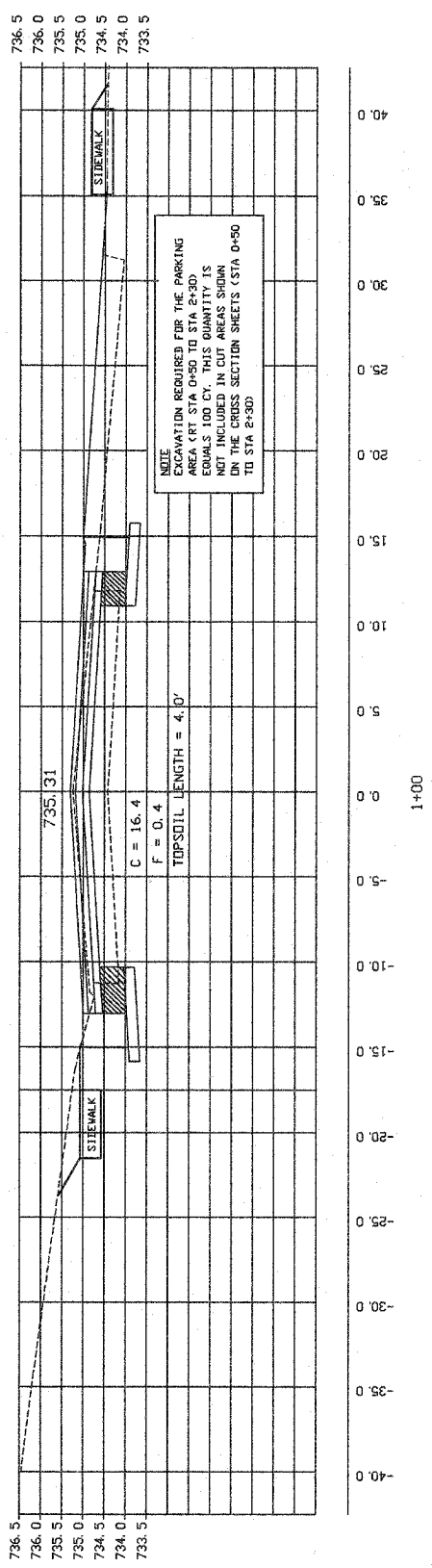
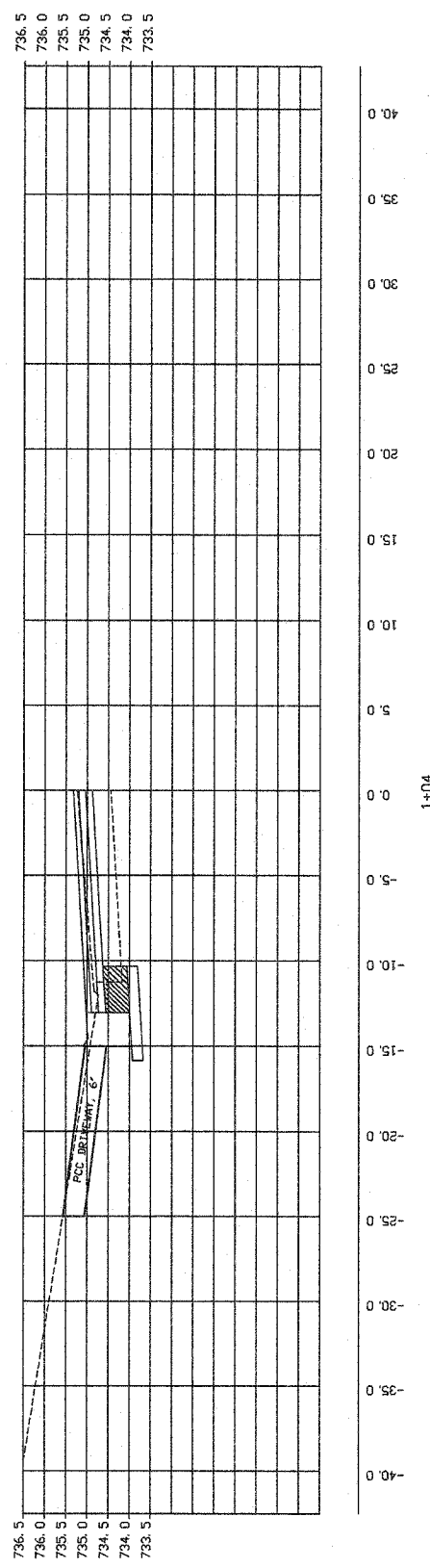
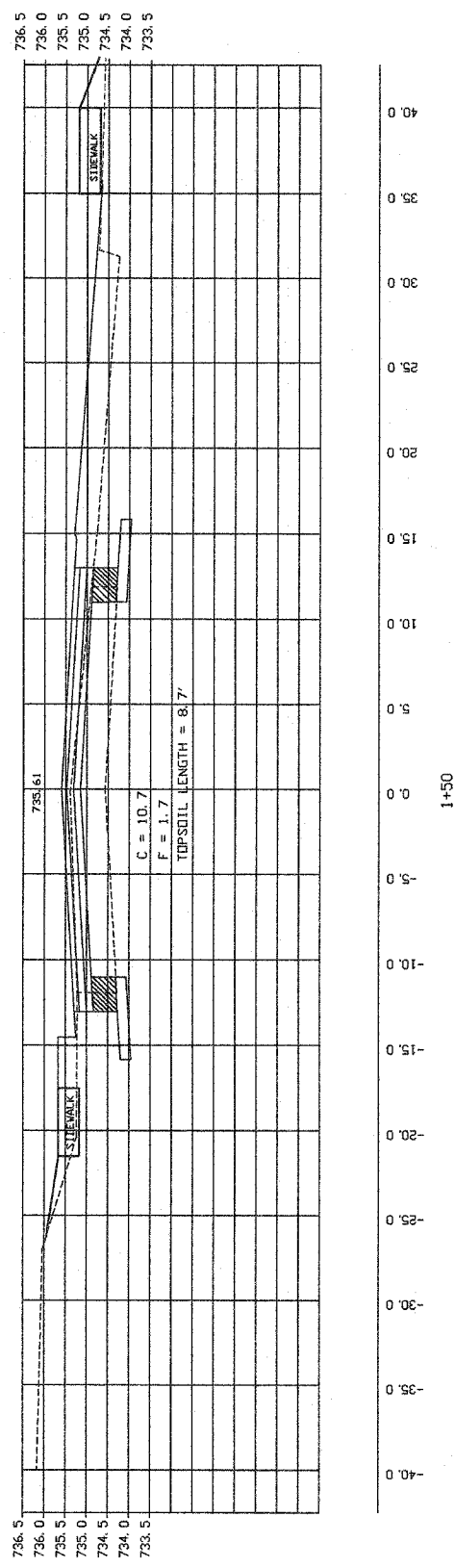
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-FP	LA SALLE	33	16

CITY OF MENDOTA
CONTRACT NO. 87353



F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-80657-00-PP	LA SALLE	33	17

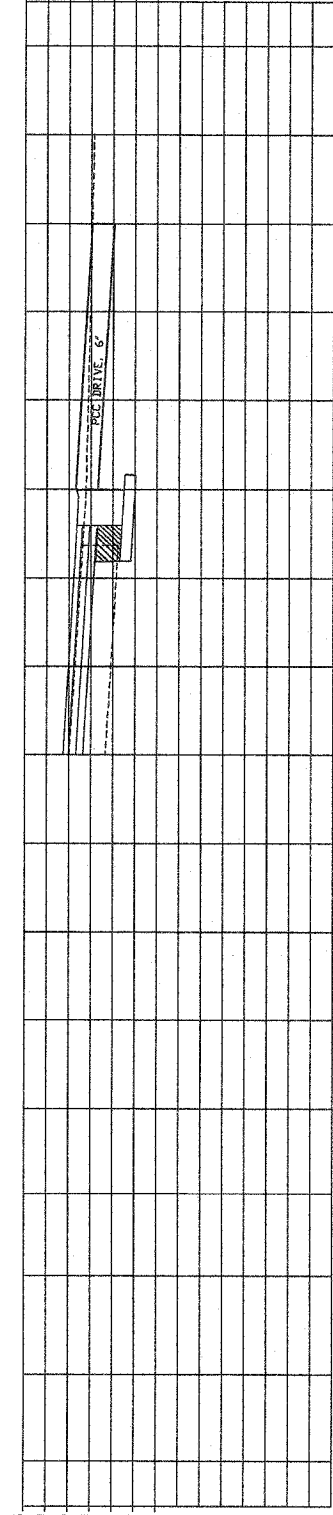
CITY OF MENARDIA
CONTRACT NO. 87293



F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-PP	LA SALLE	33	18

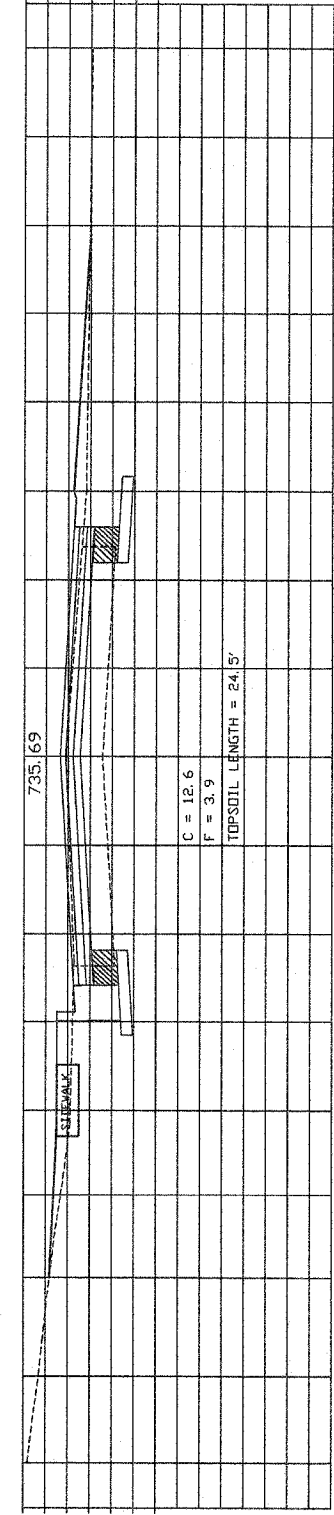
CITY OF MENDOTA
CONTRACT NO. 87953

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733.5



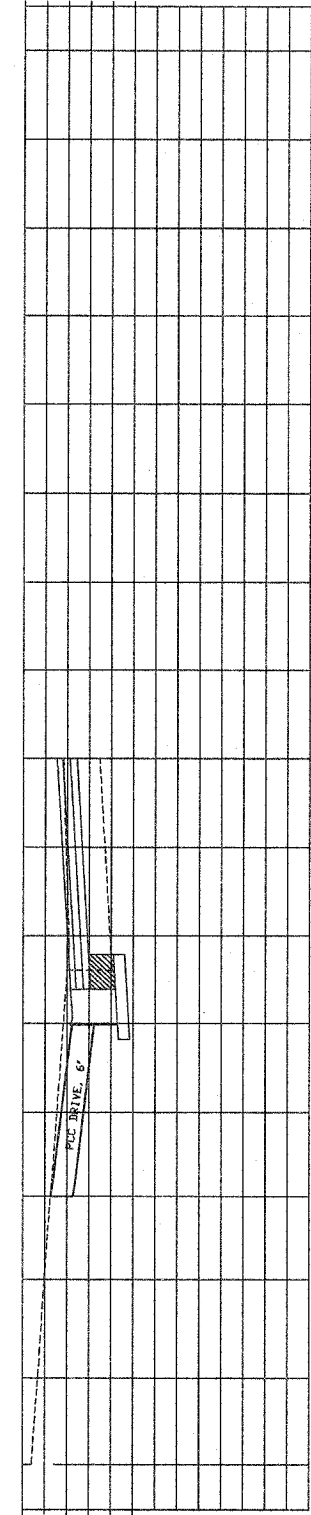
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733.5



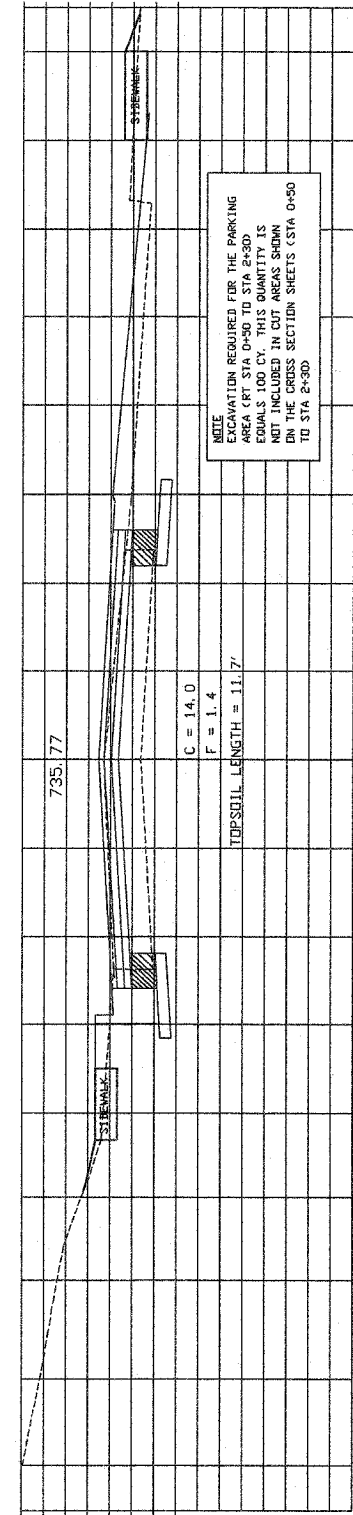
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736.5
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734.5
734.0



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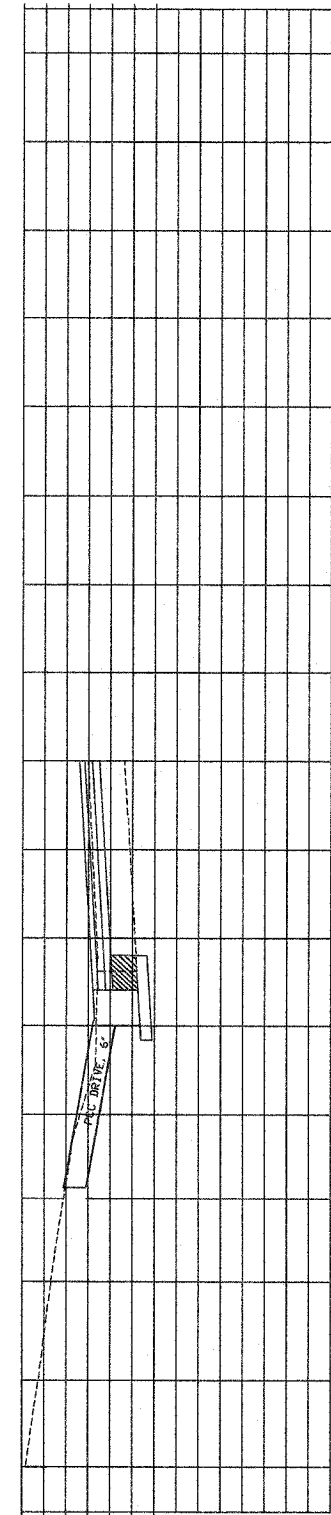
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735.0
734.5
734.0



NOTE
EXCAVATION REQUIRED FOR THE PARKING
AREA BETWEEN STATIONS 2+36 AND
2+40. ALL EXCAVATION SHALL BE
INCLUDED IN CUT AREAS SHOWN
ON THE CROSS SECTION SHEETS (STA 0+00
TO STA 2+30)

40.0
35.0
30.0
25.0
20.0
15.0
10.0
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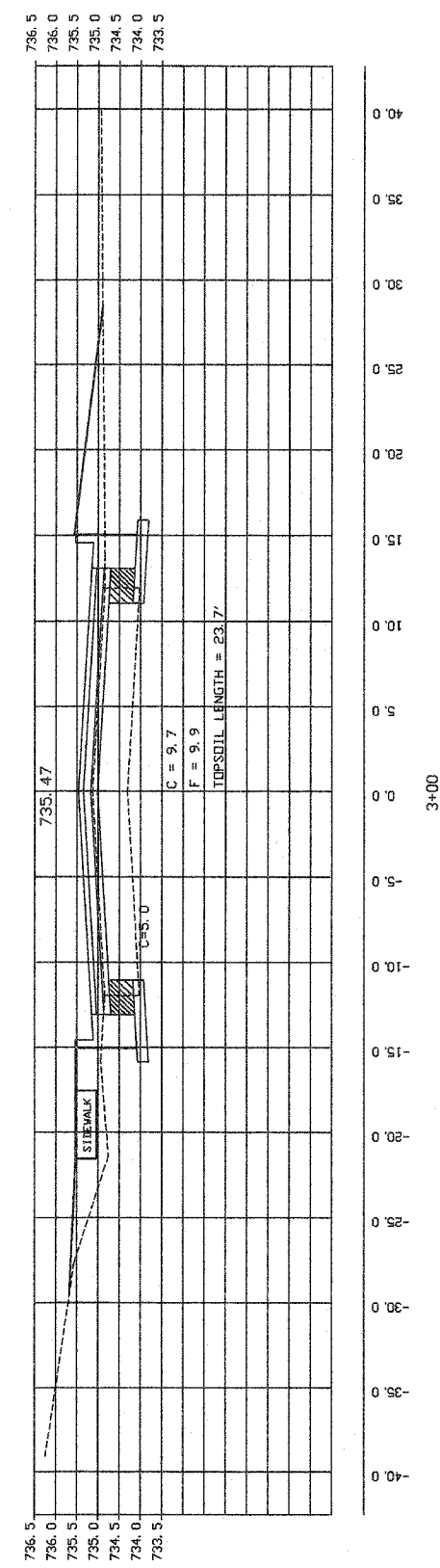
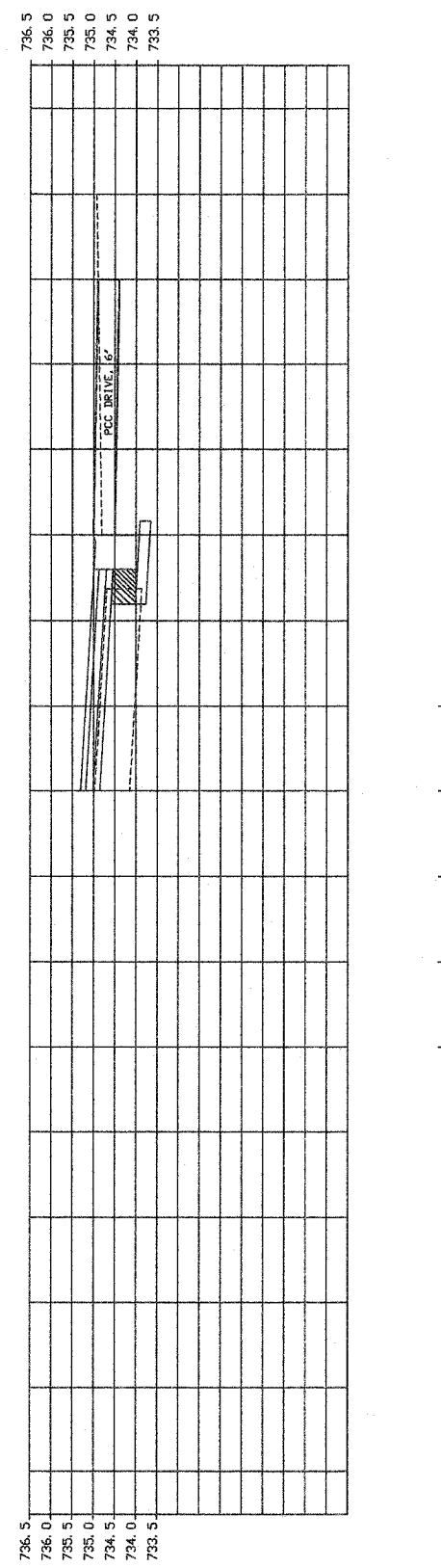
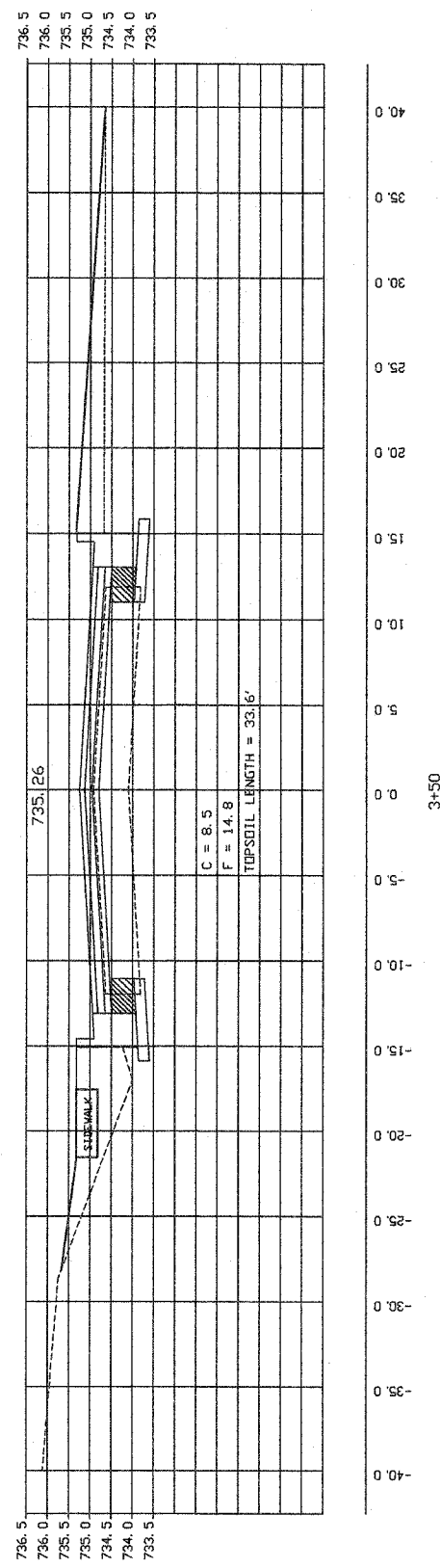
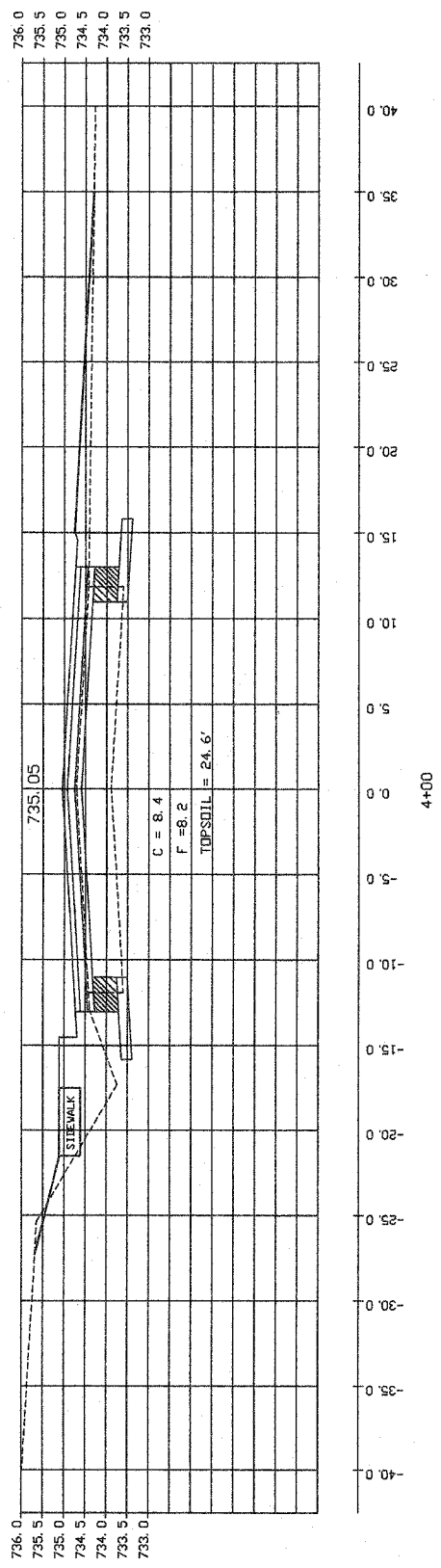
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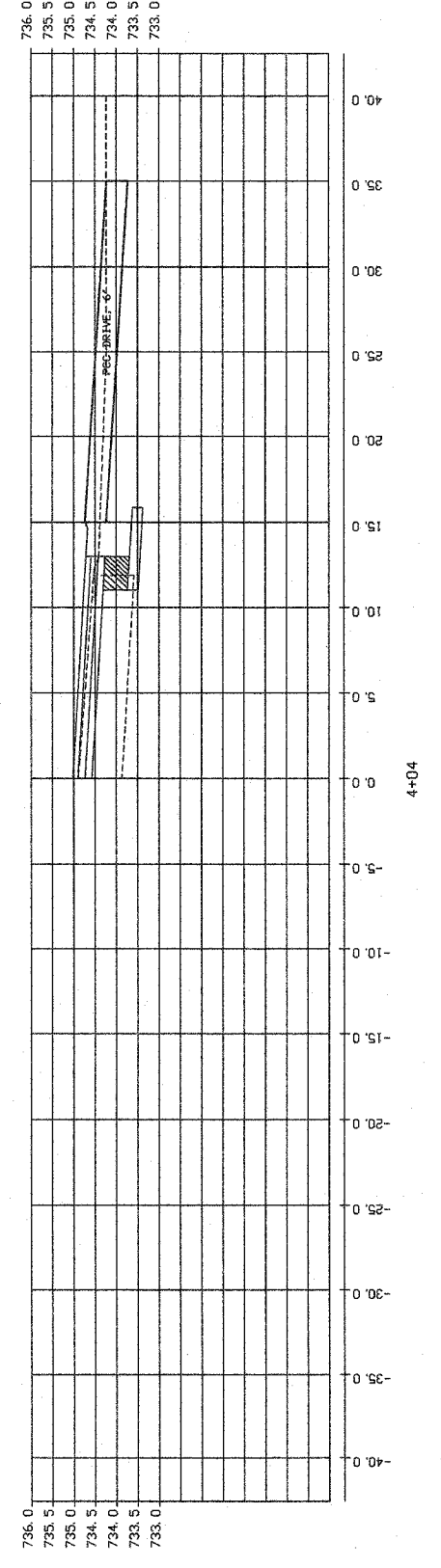
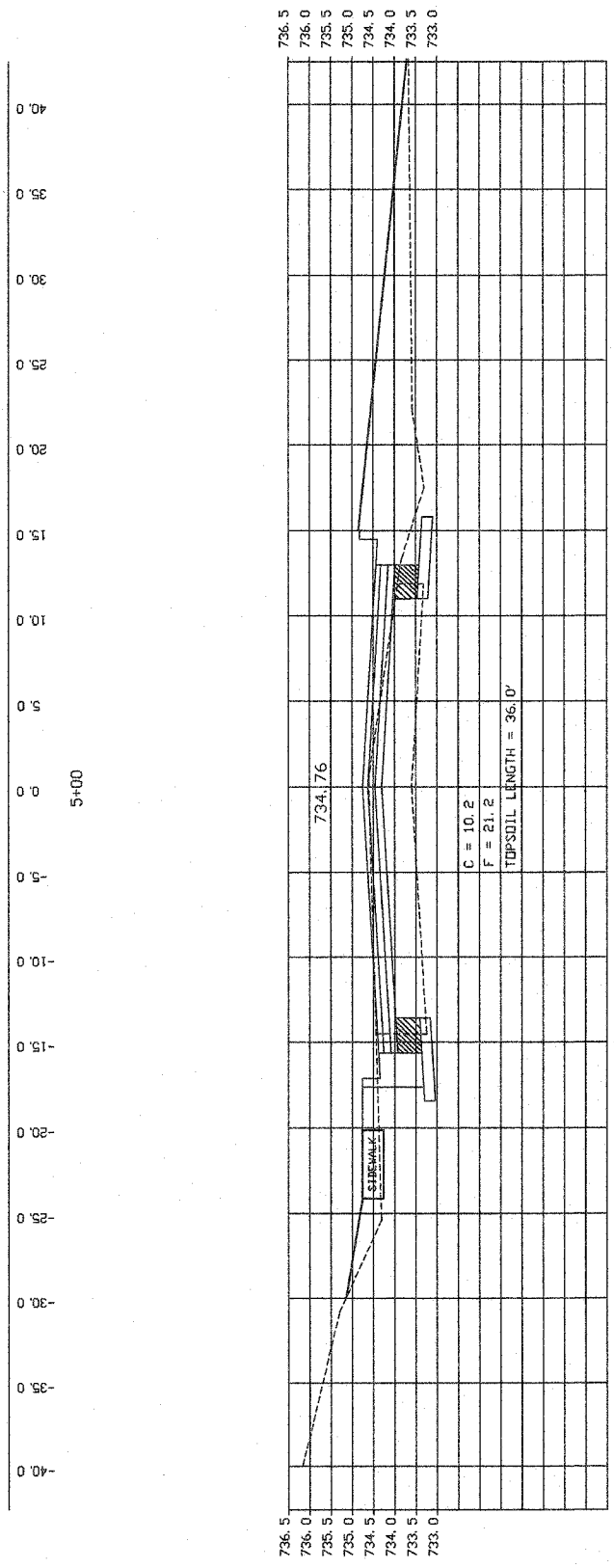
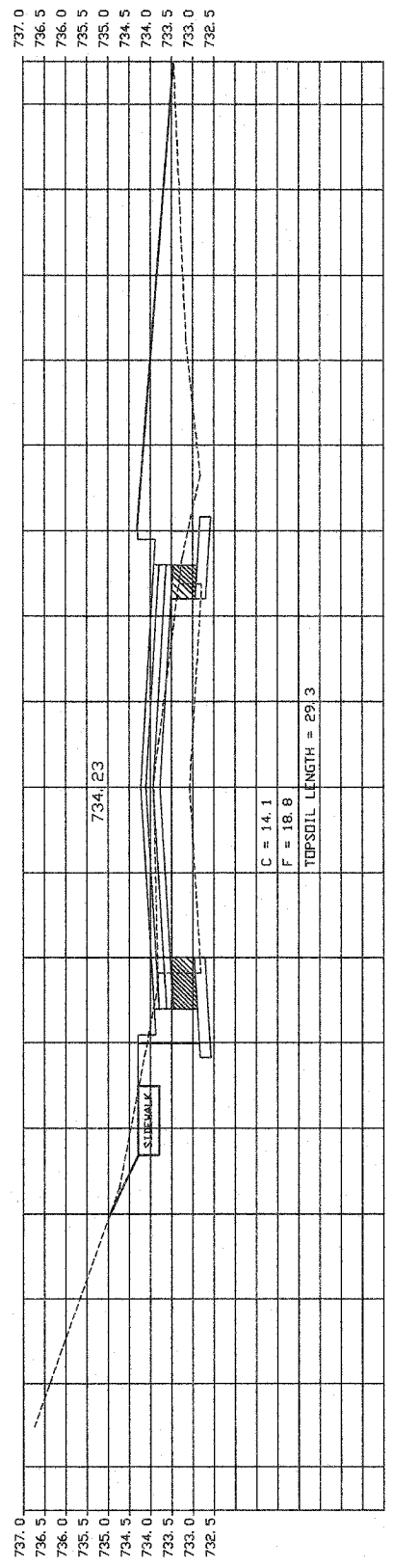
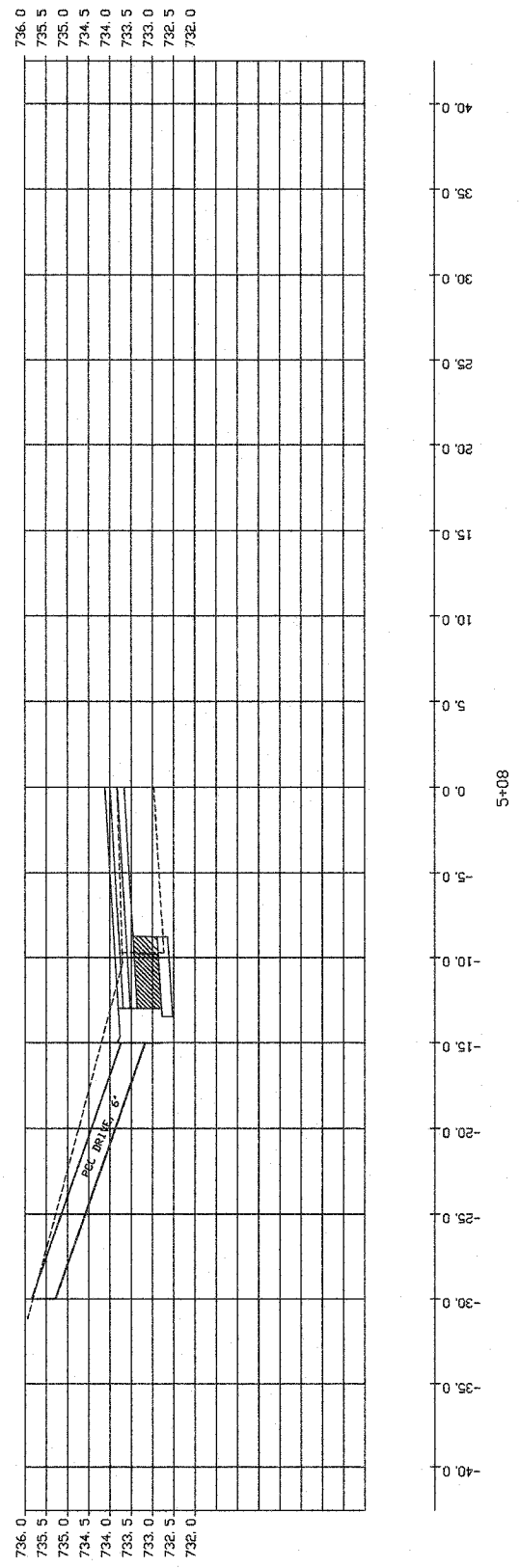
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00087-00-PP	LA SALLE	39	19

CITY OF MEMPHIS
CONTRACT NO. 87283



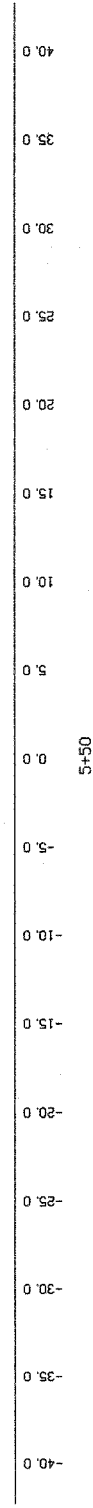
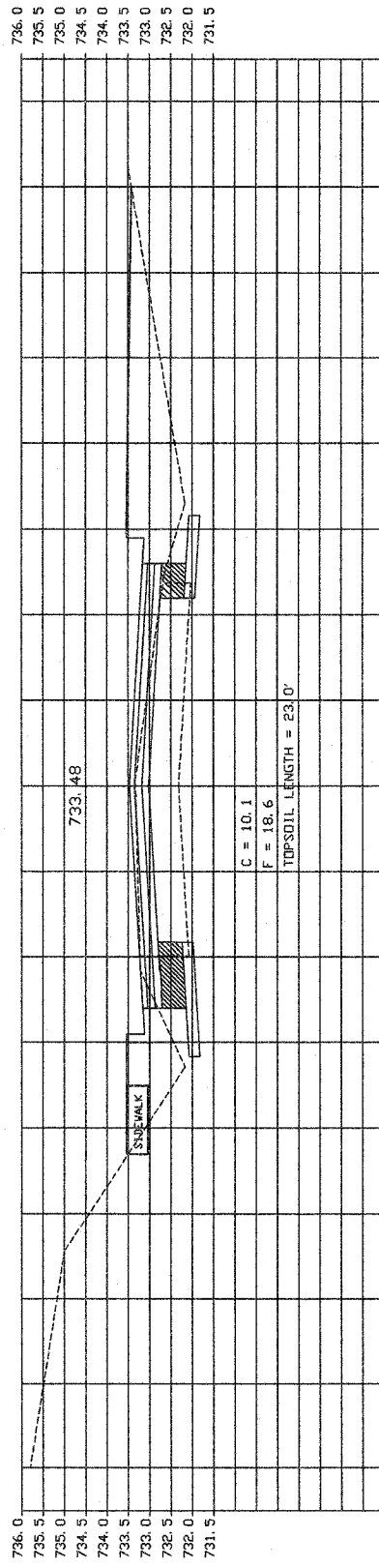
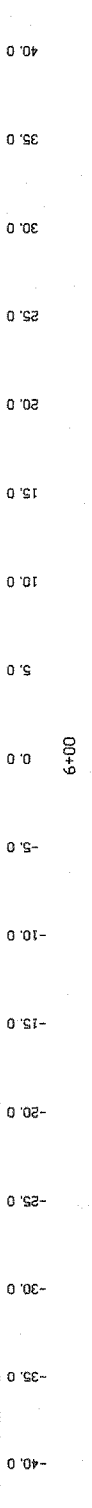
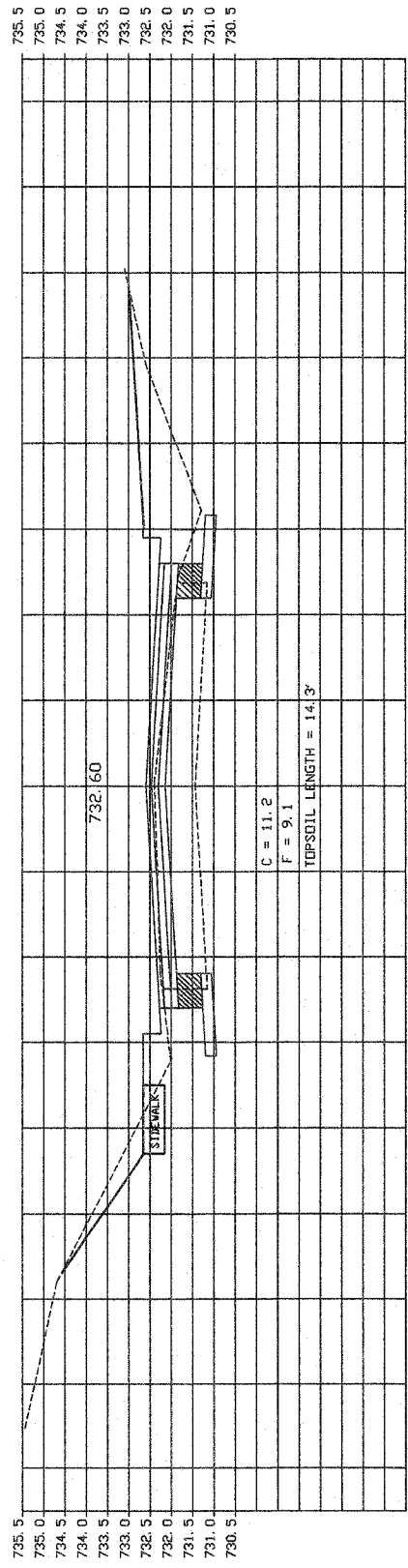
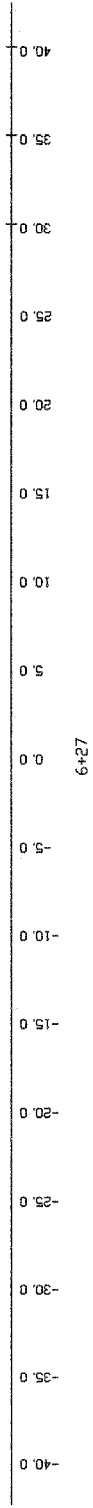
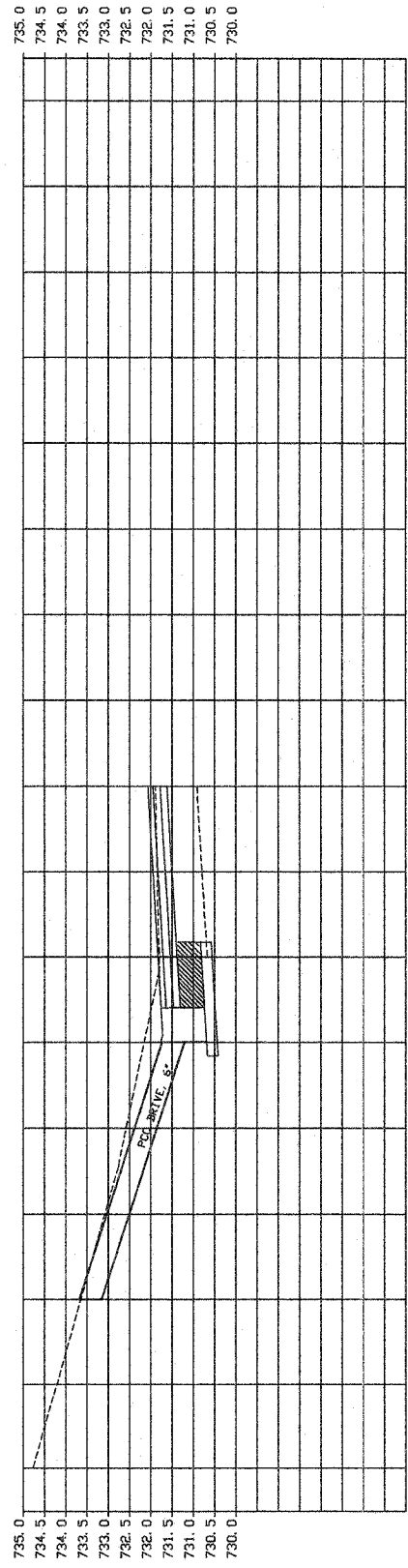
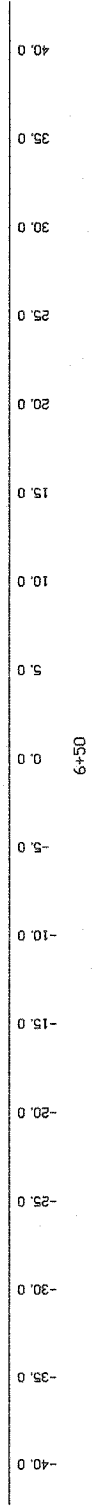
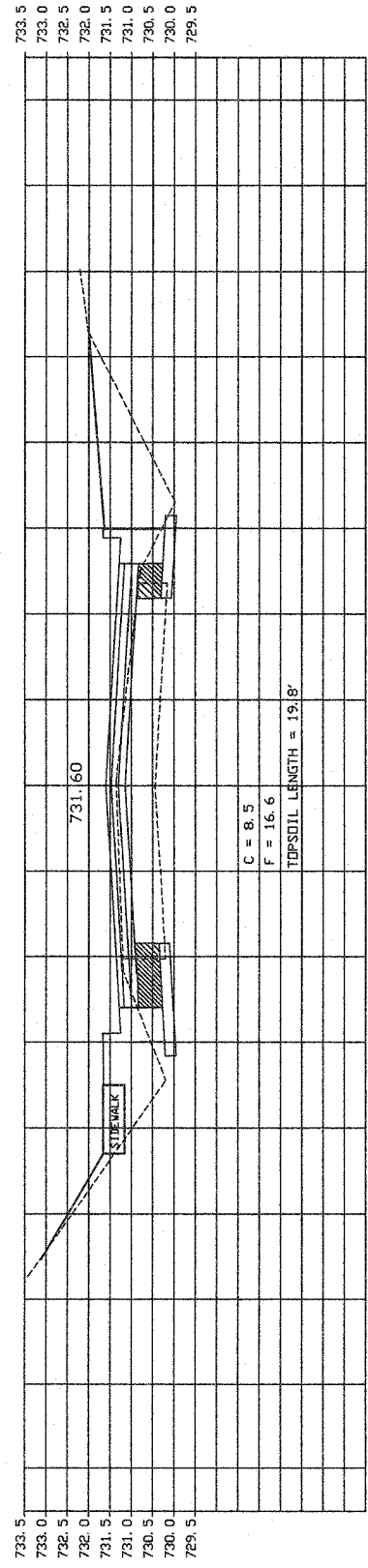
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-0007-00-FP	LA SALLE	39	20

CITY OF MENDOTA
CONTRACT NO. 87353



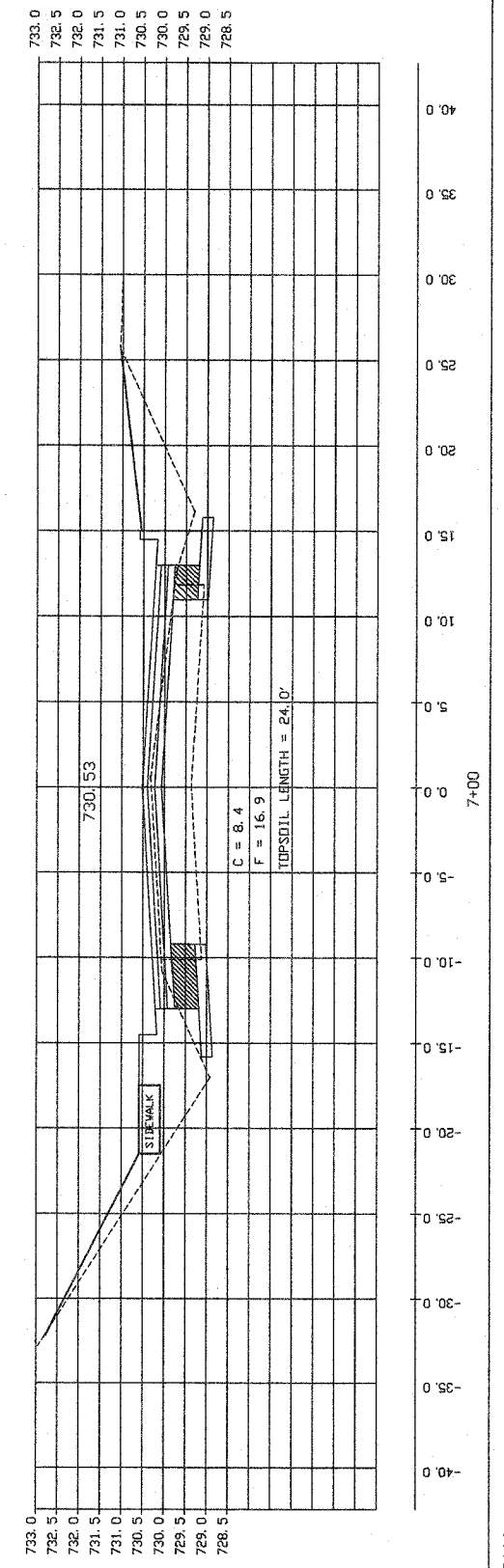
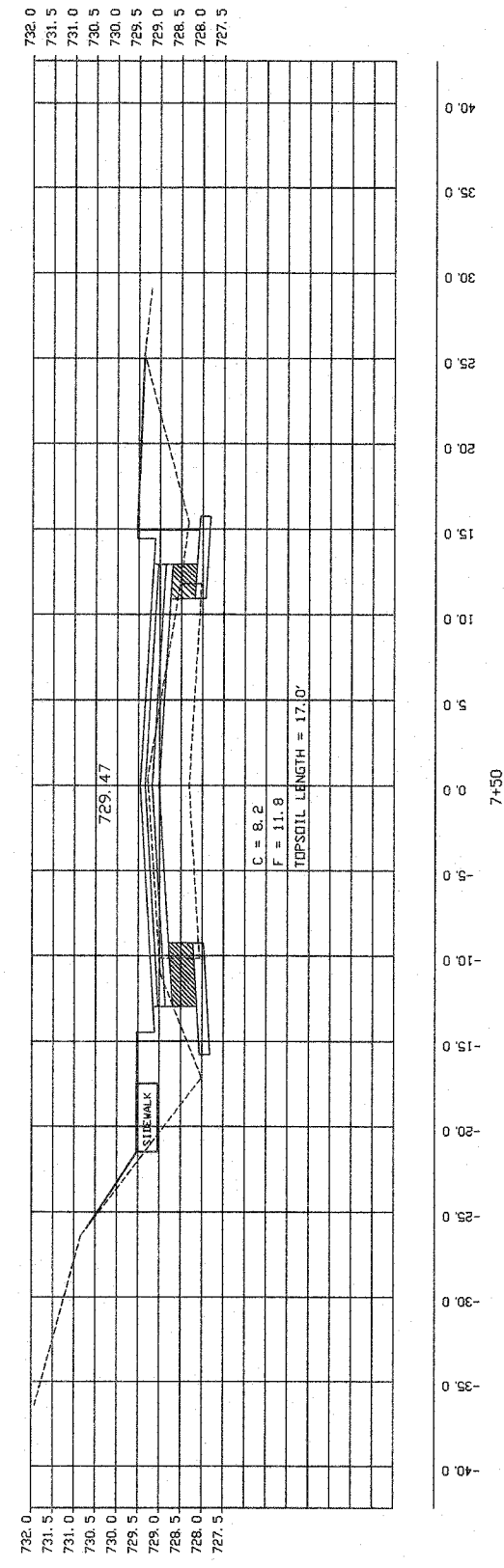
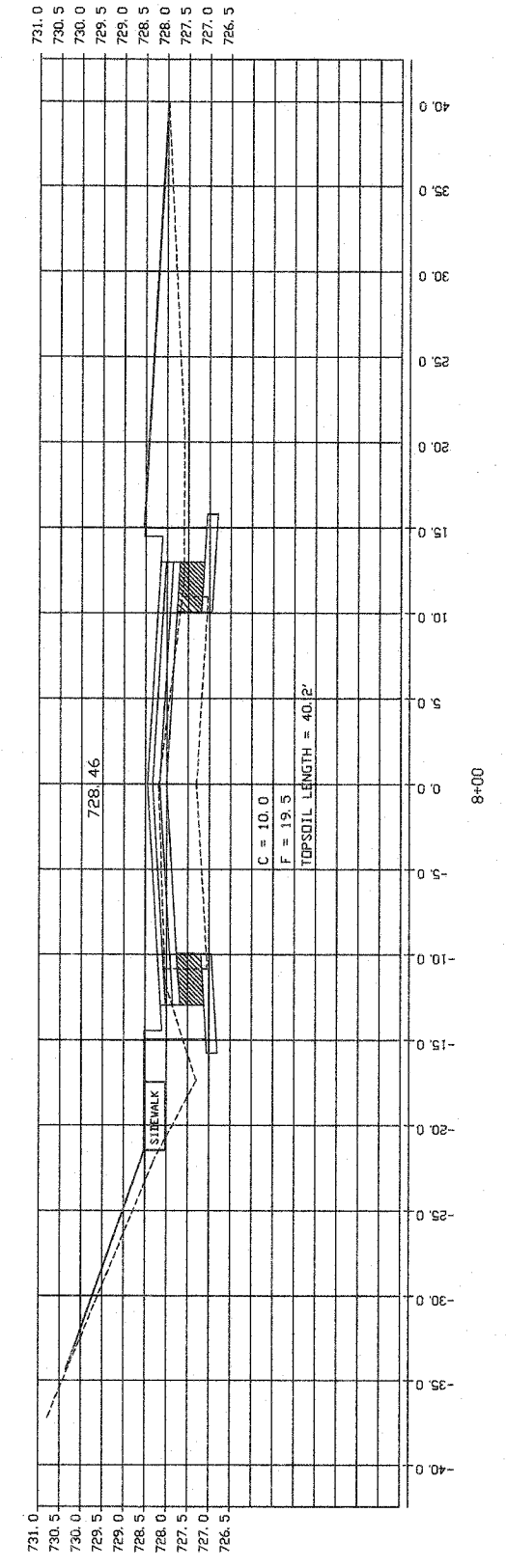
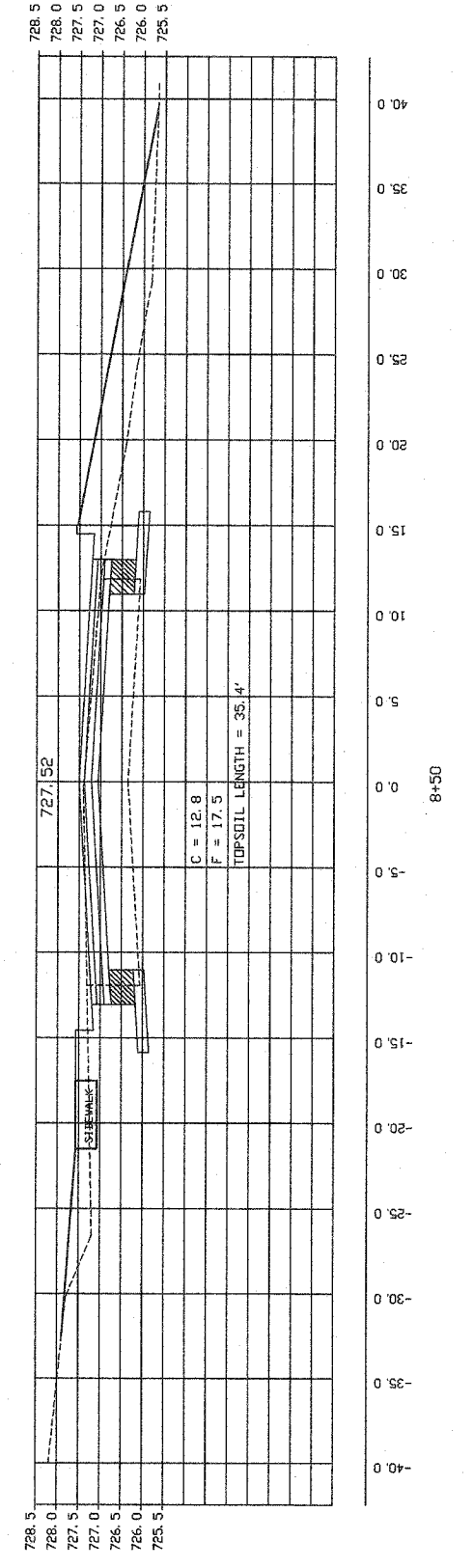
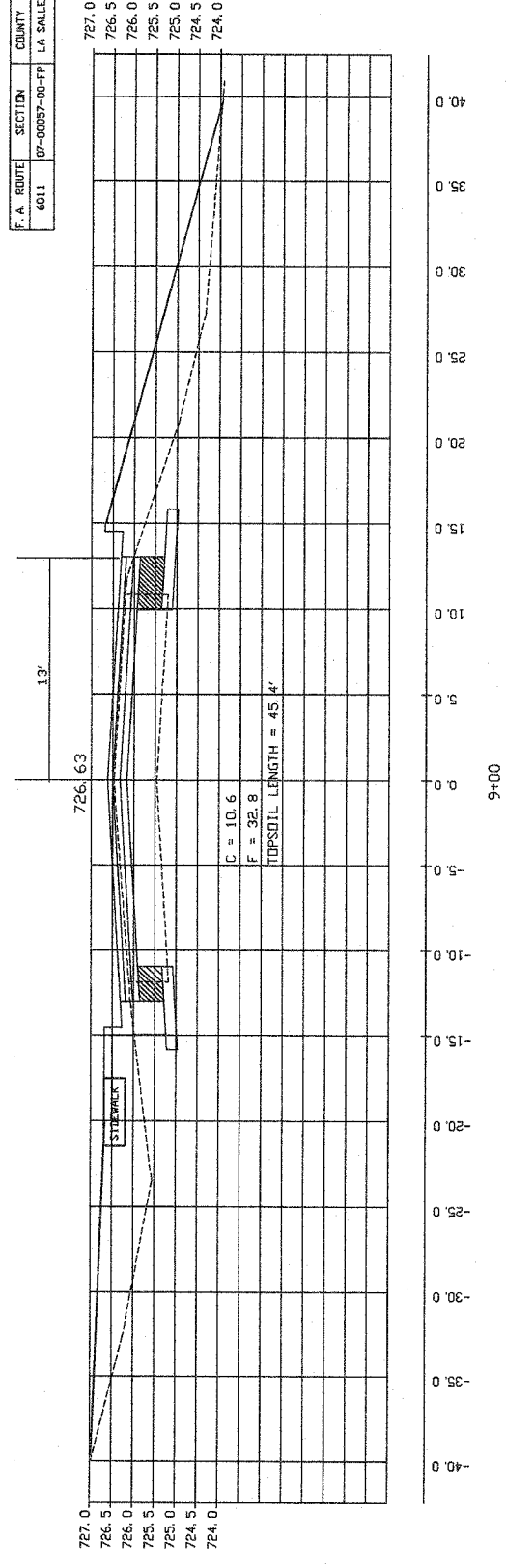
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00067-00-PP	LA SALLE	33	21

CITY OF MEMPHIS
CONTRACT NO. 87353



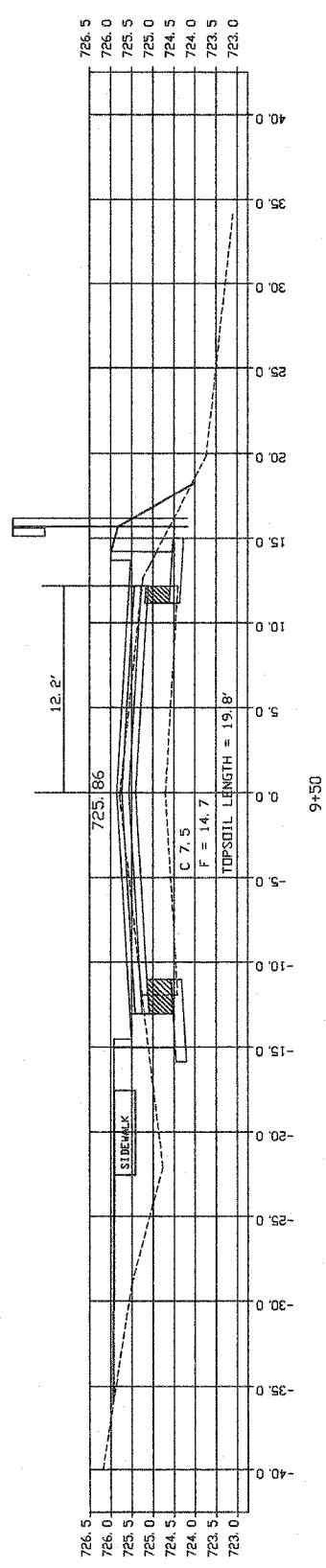
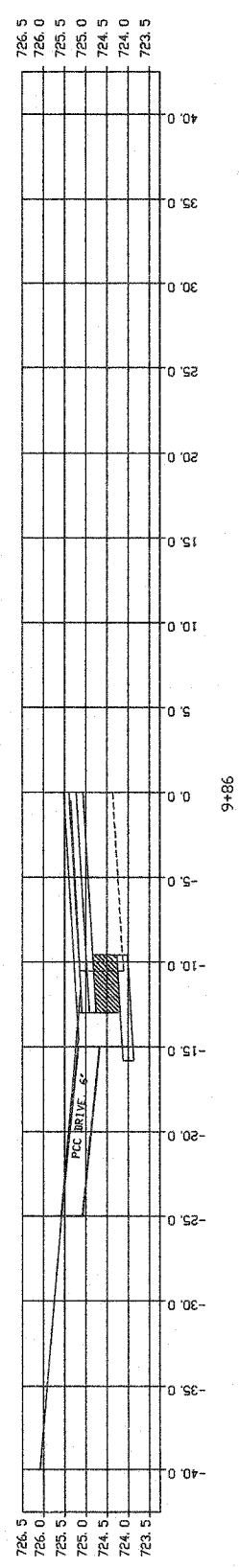
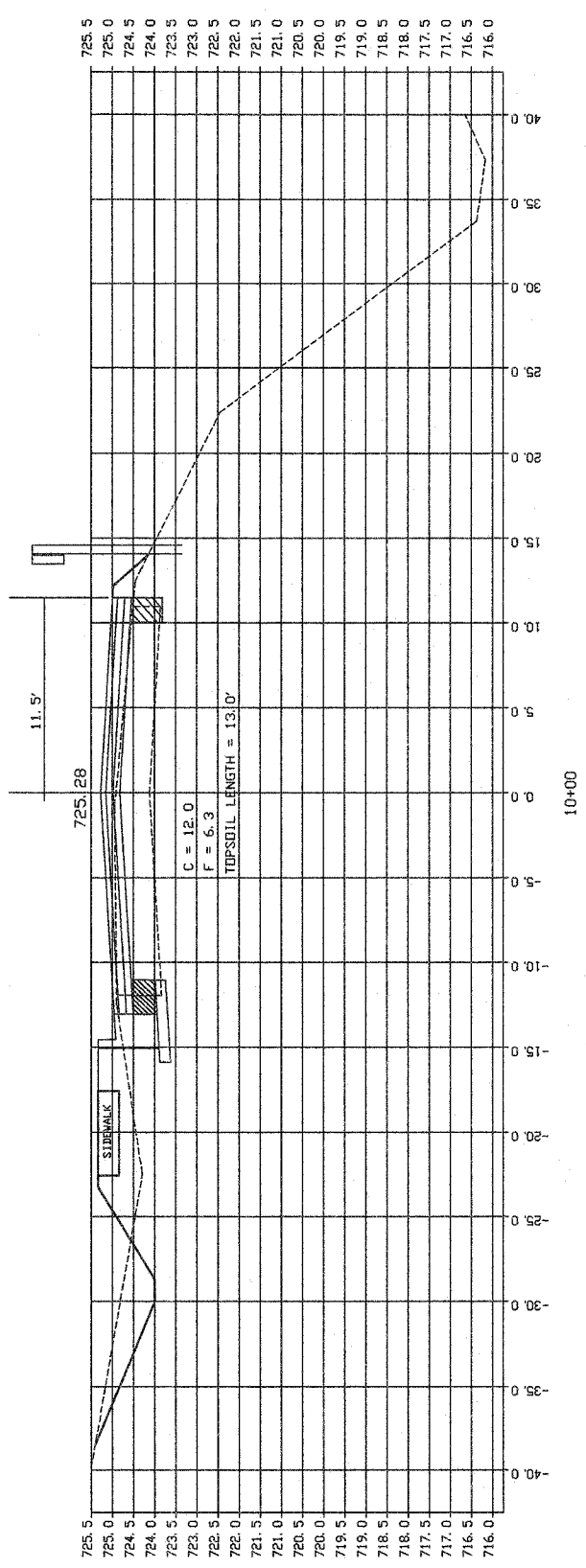
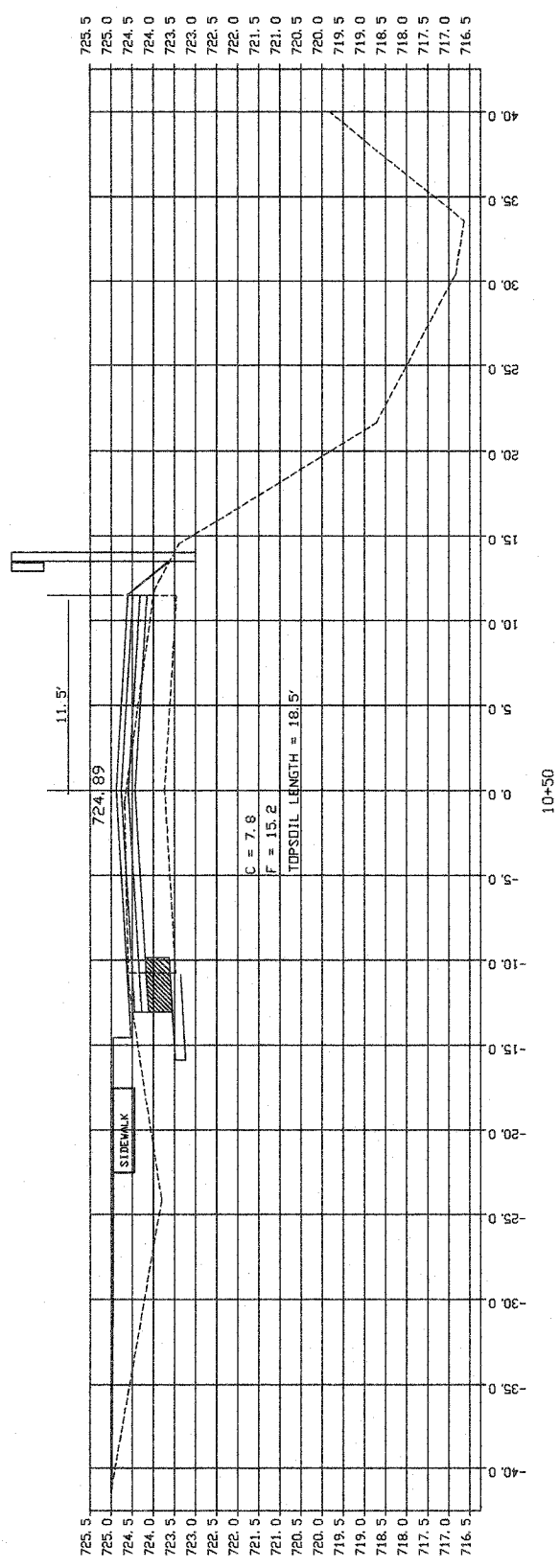
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-0007-00-PP	LA SALLE	33	22

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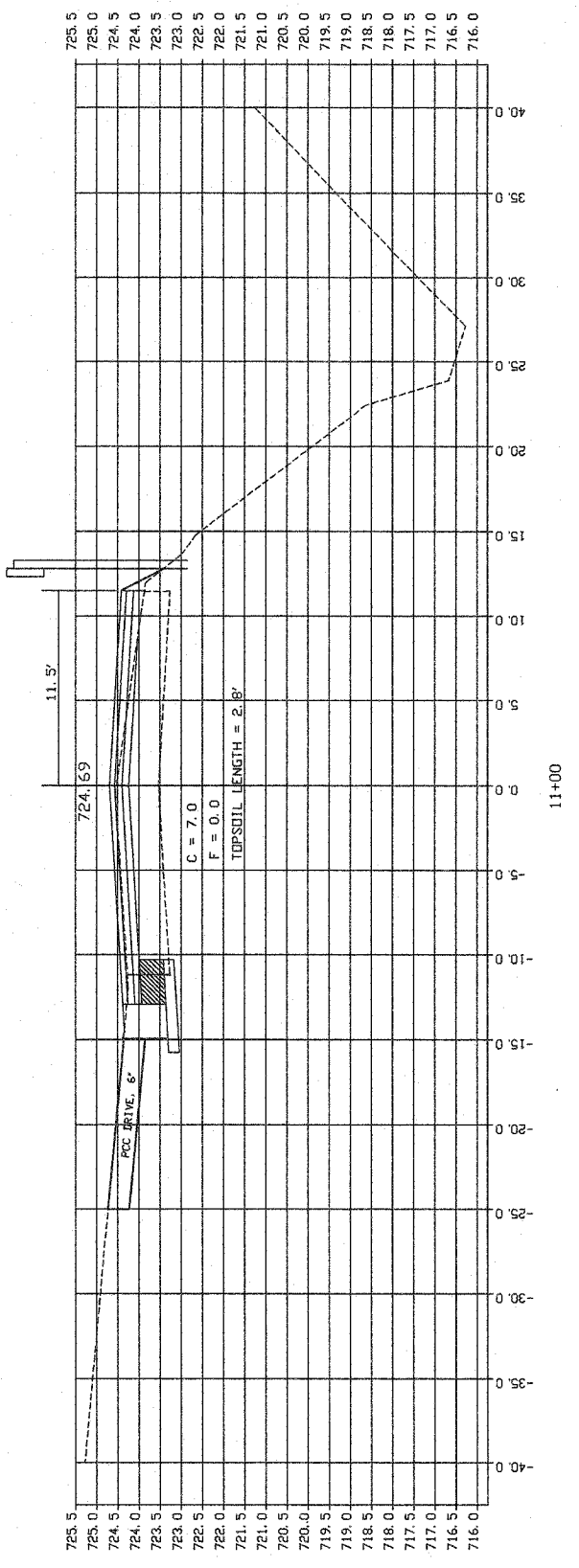
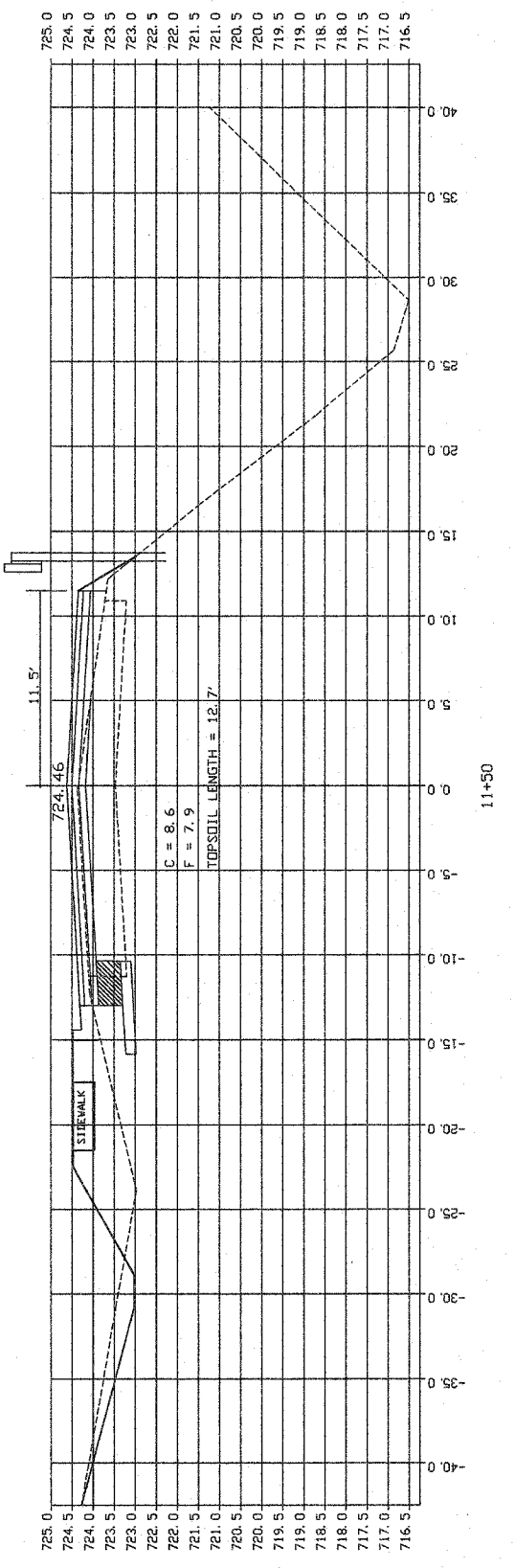
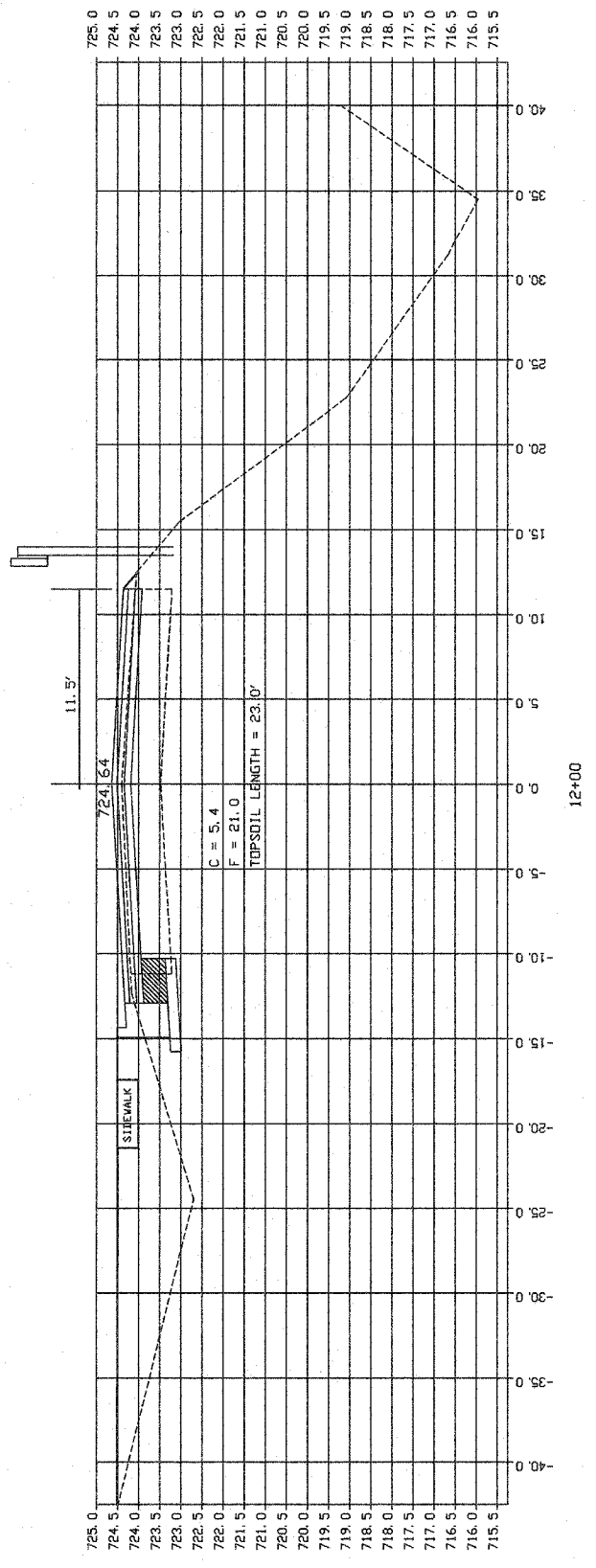
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00097-00-PP	LA SALLE	33	23

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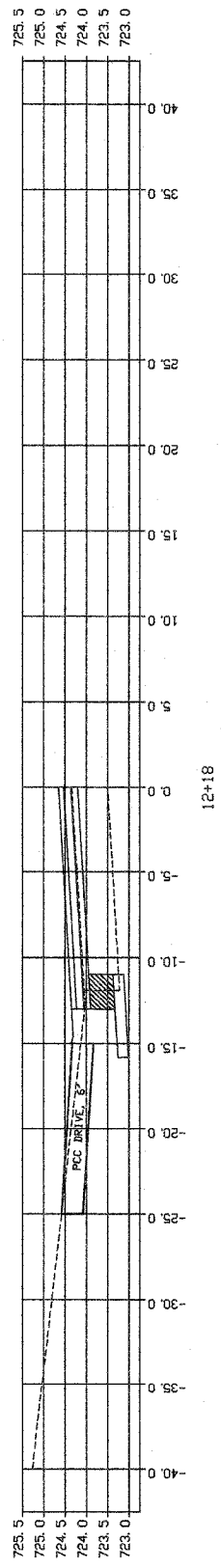
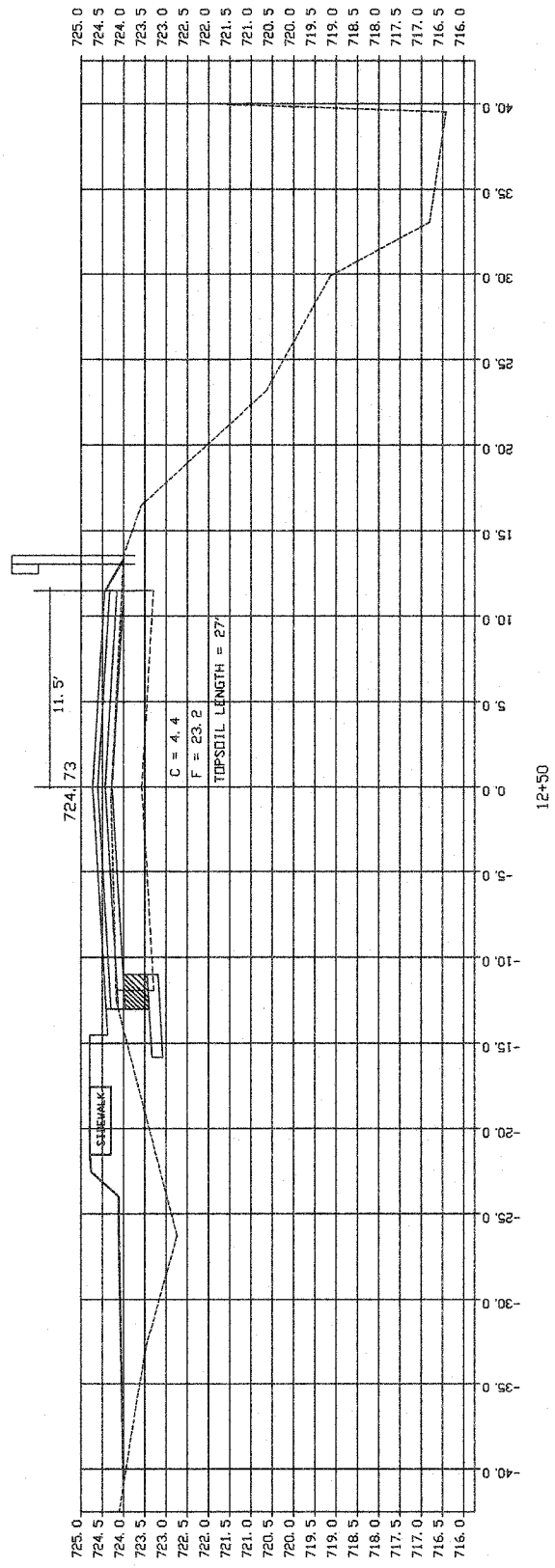
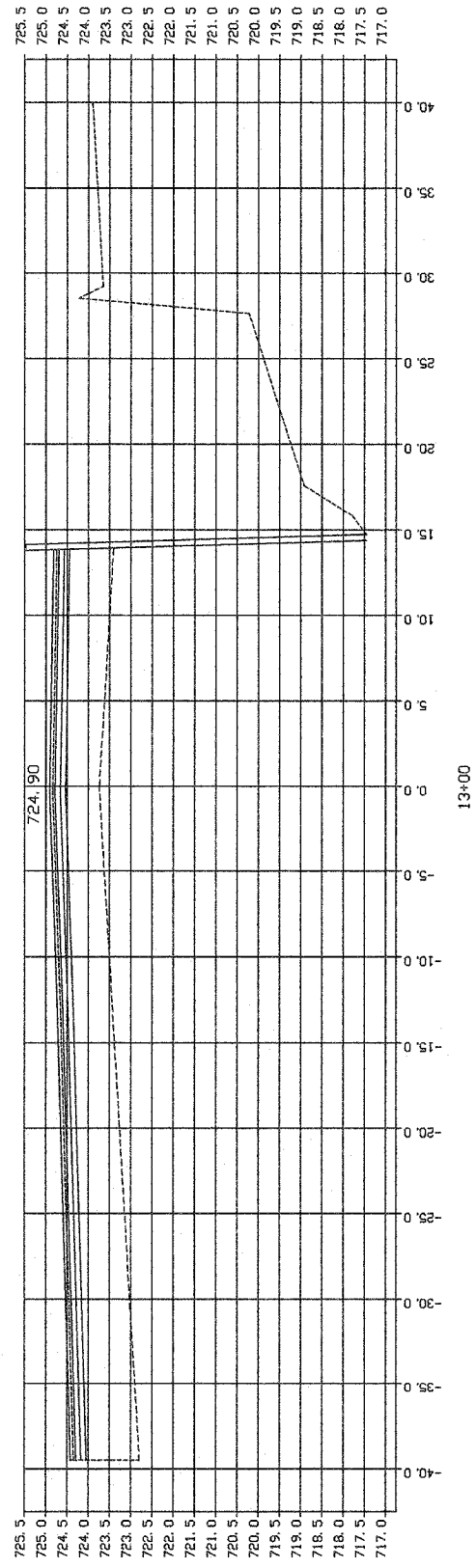
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-PP	LA SALLE	33	24

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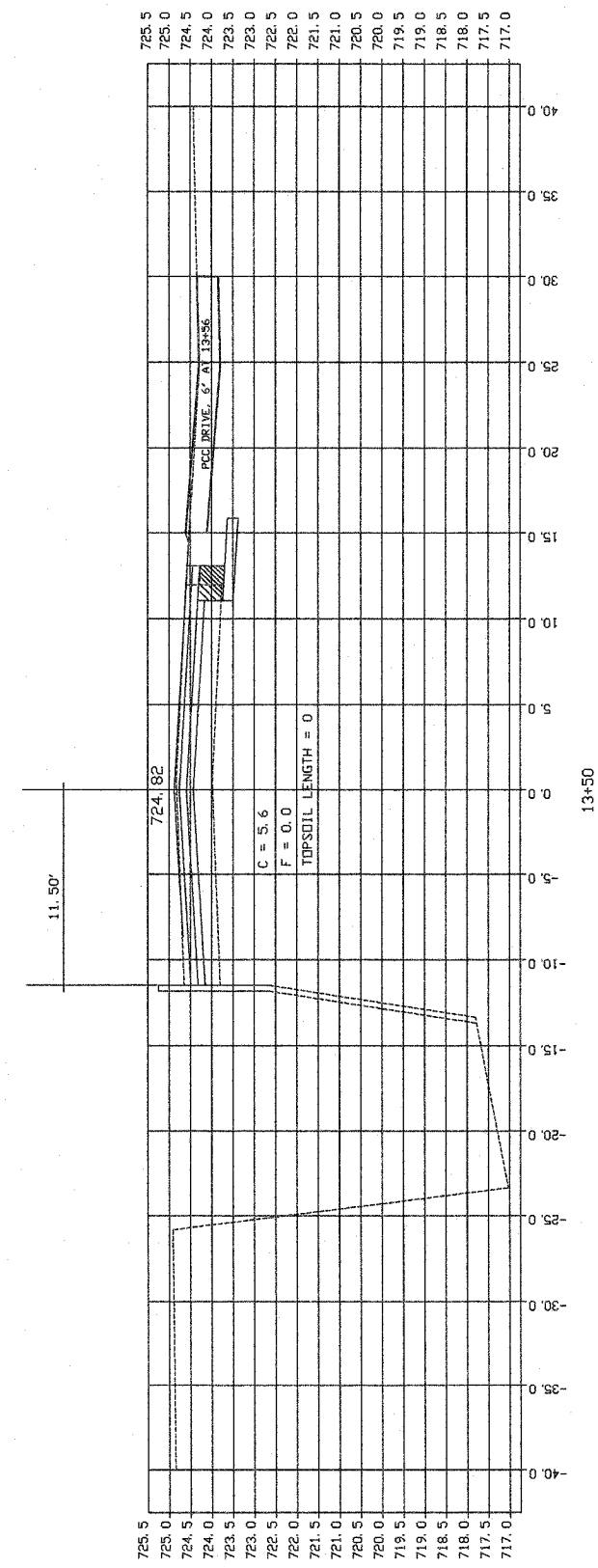
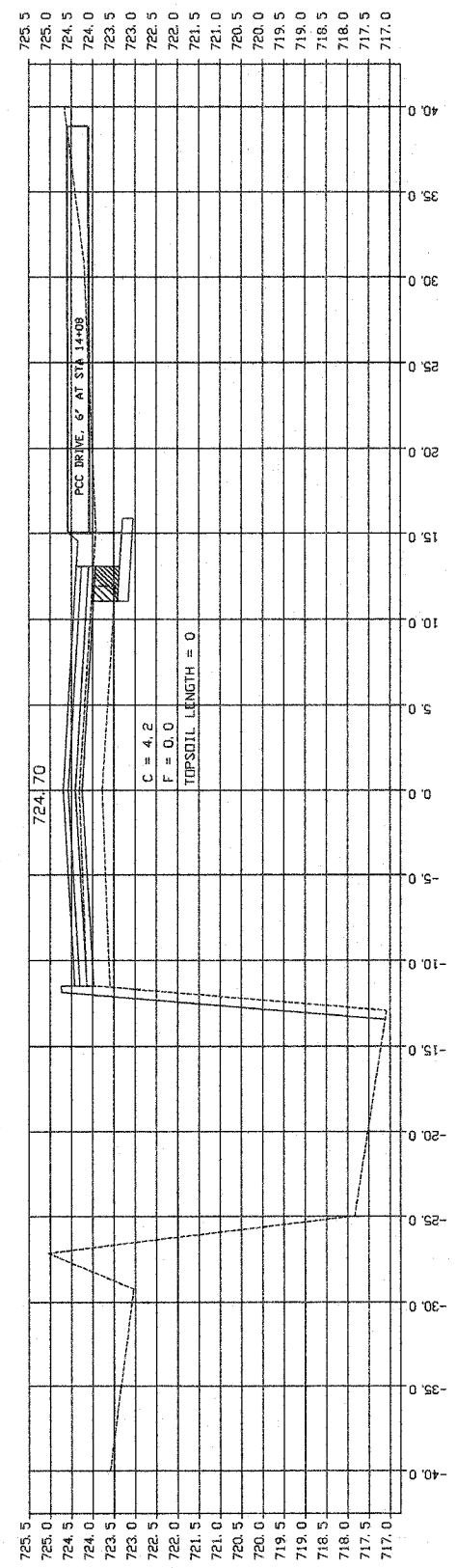
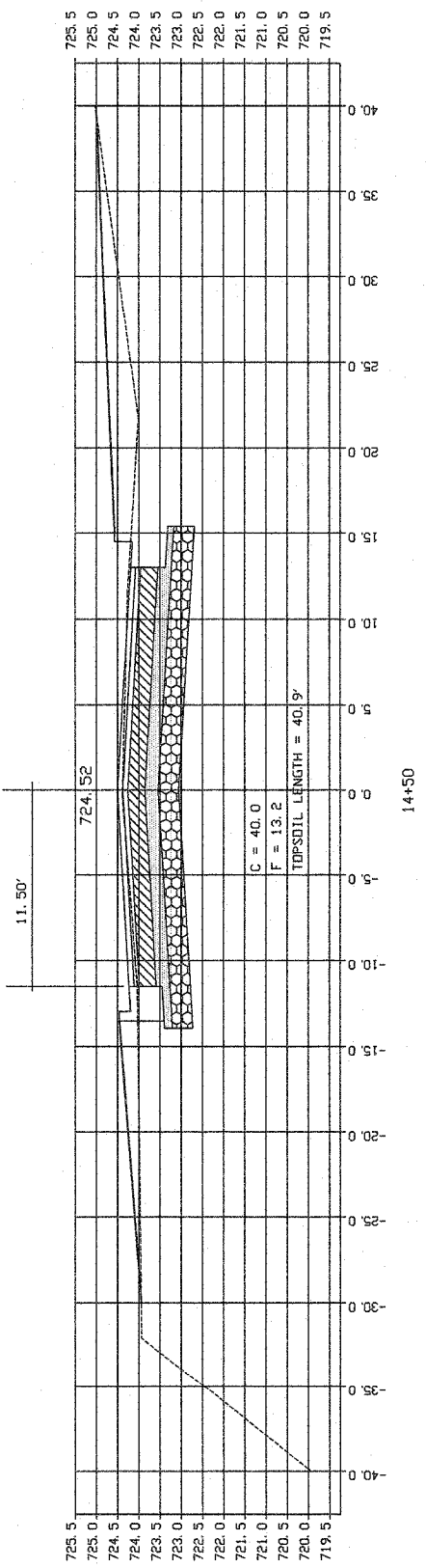
E.A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00097-00-FP1	LA SALLE	93	25

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CONTRACT NO. 87253



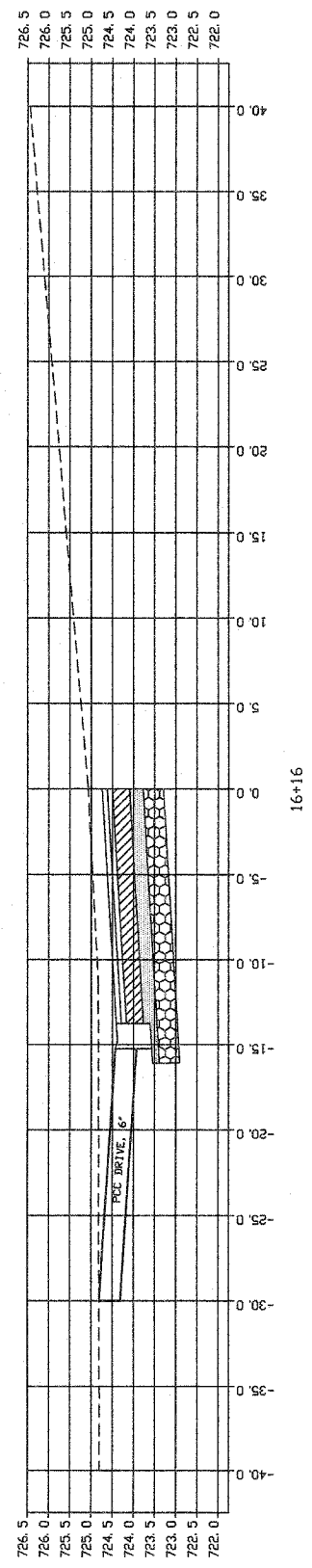
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-PP	LA SALLE	33	26

CITY OF MENUDITA
CONTRACT NO. 87353

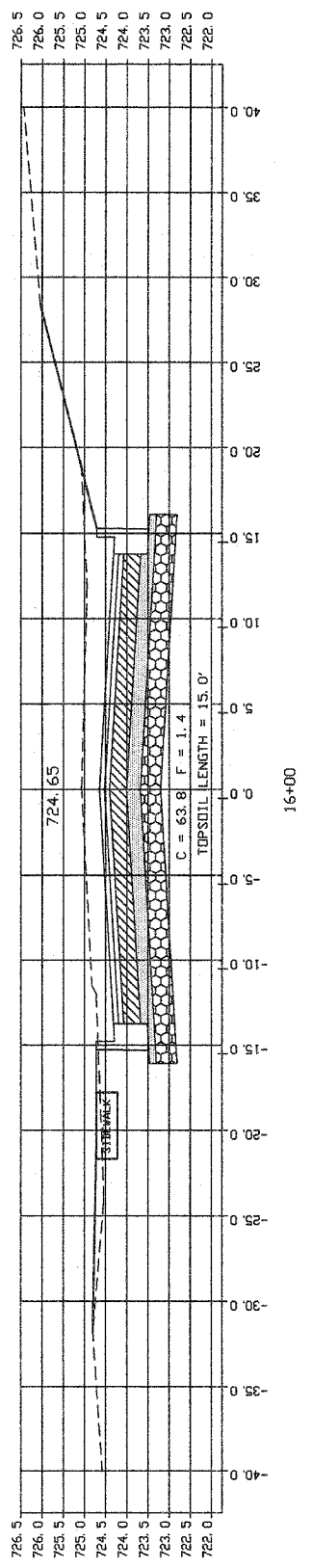


F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-PP	LA SALLE	33	27

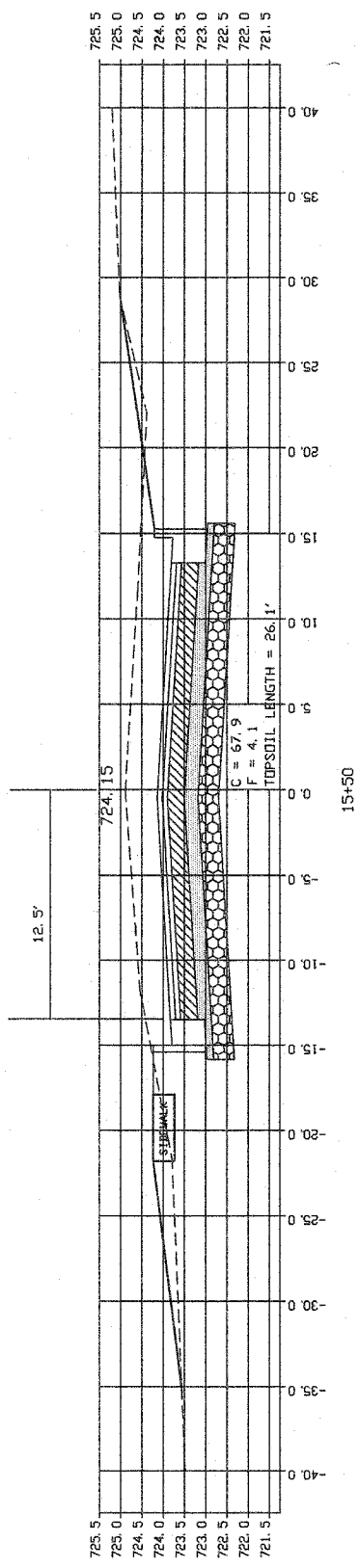
CITY OF MENDOTA
CONTRACT NO. 07253



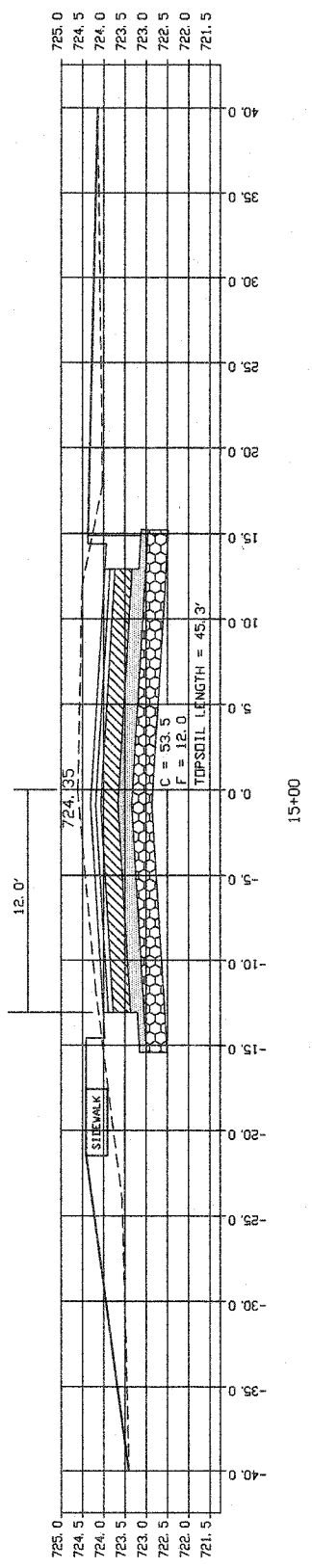
16+16



16+00



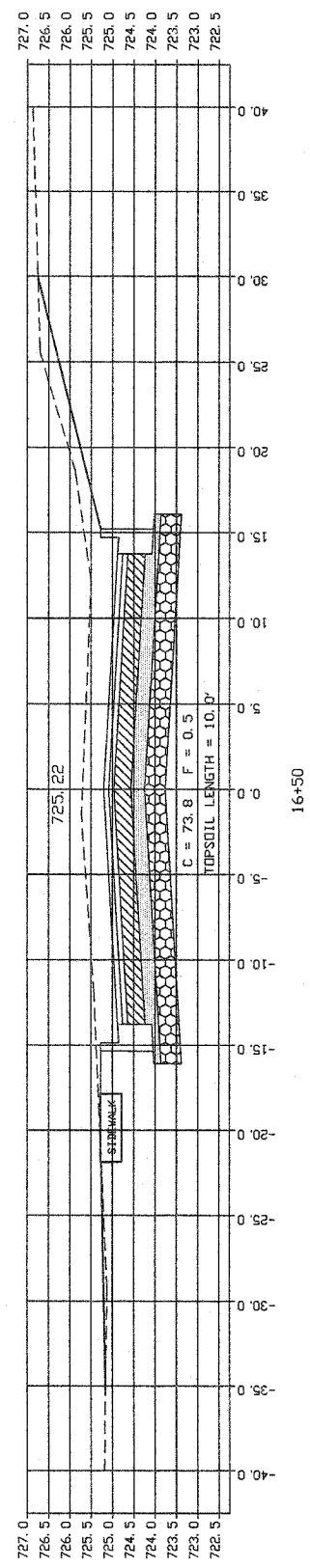
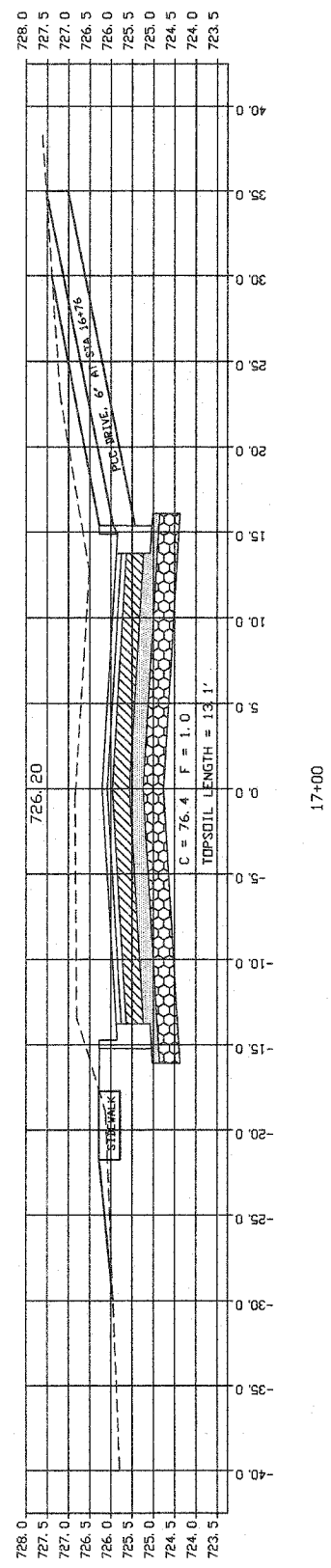
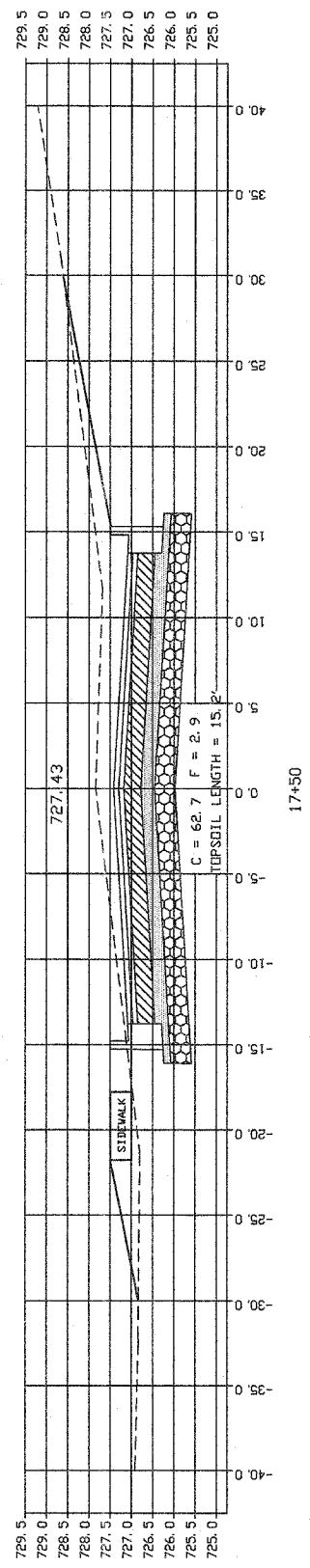
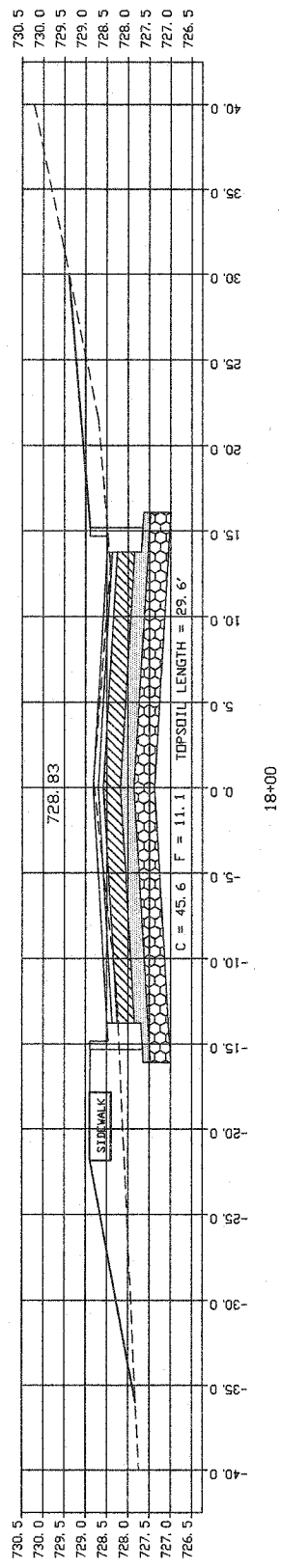
15+50



15+00

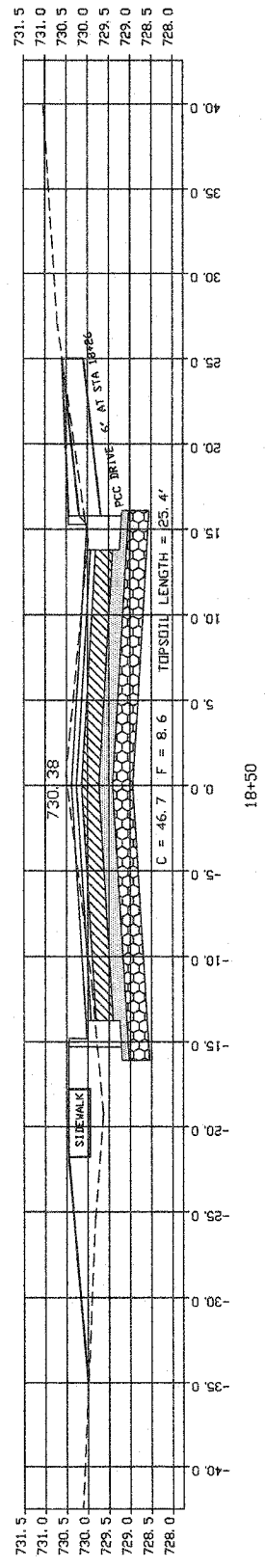
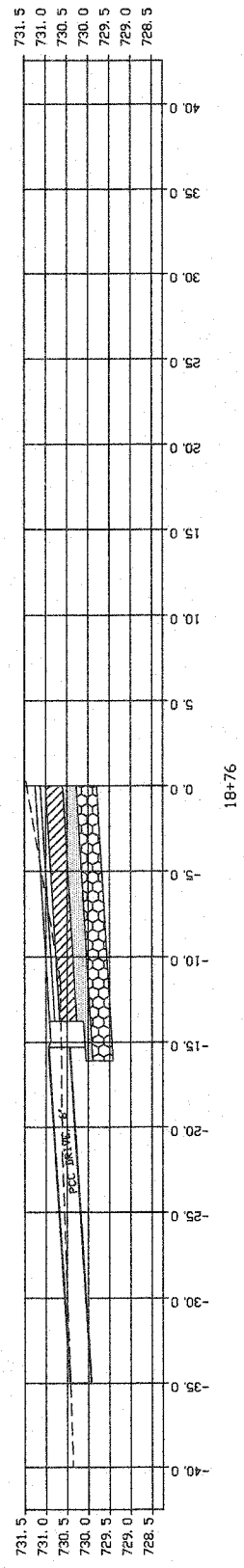
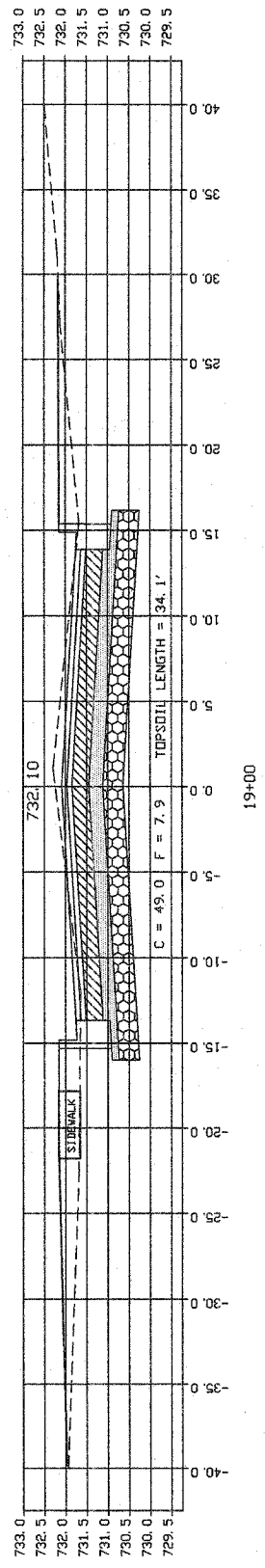
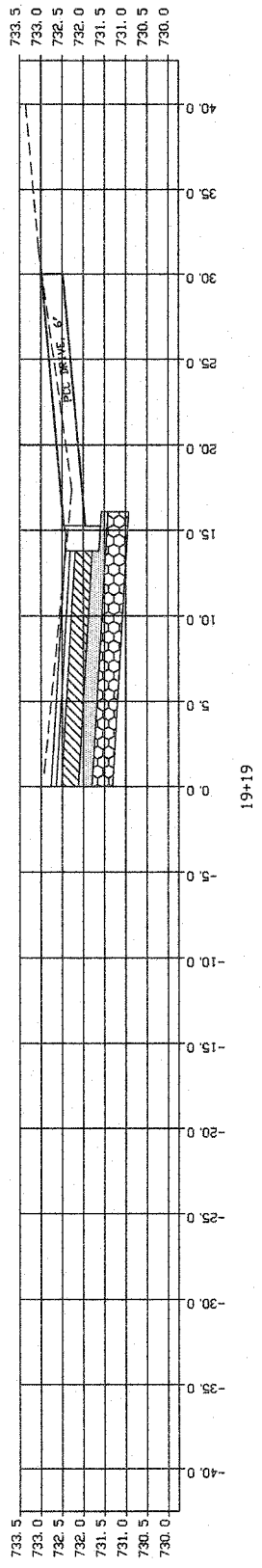
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00097-00-PP	LA SALLE	33	28

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CONTRACT NO. 87353



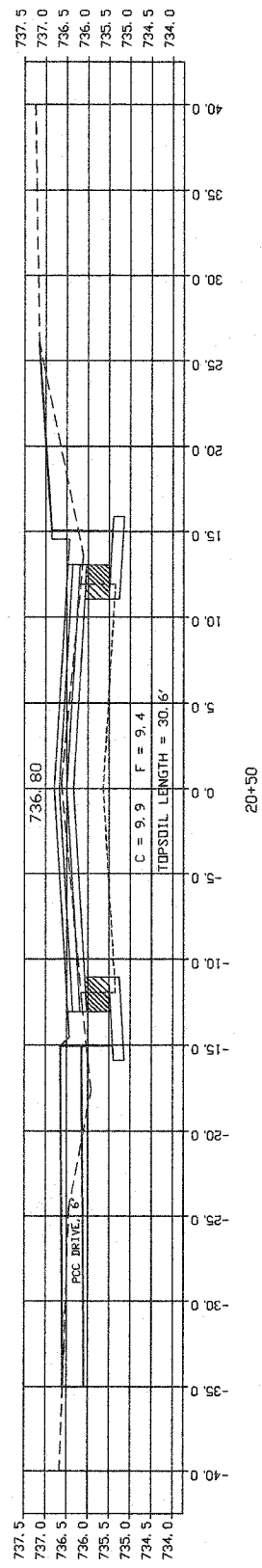
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-PP	LA SALLE	33	29

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CONTRACT NO. 07253

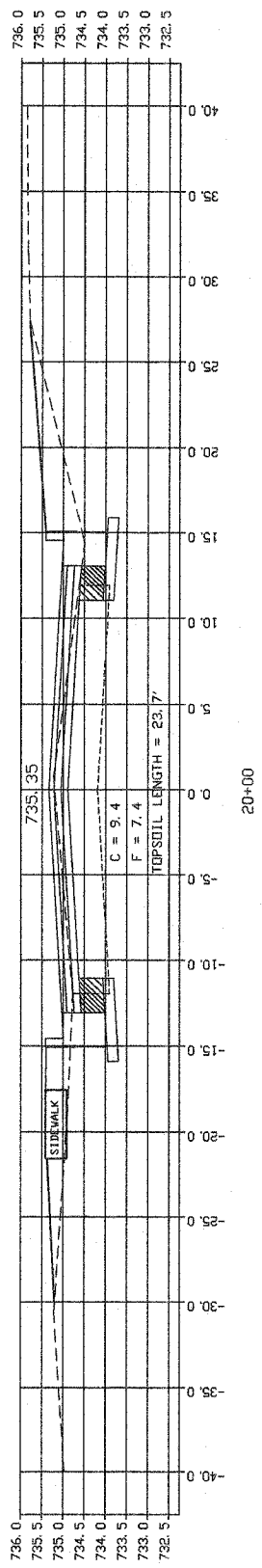


F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-60087-00-PP	LA SALLE	33	30

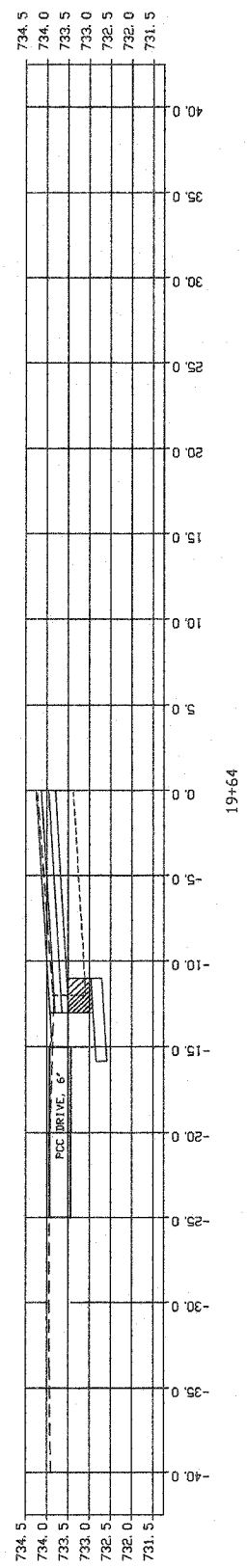
CITY OF MENDOTA
CONTRACT NO. 87253



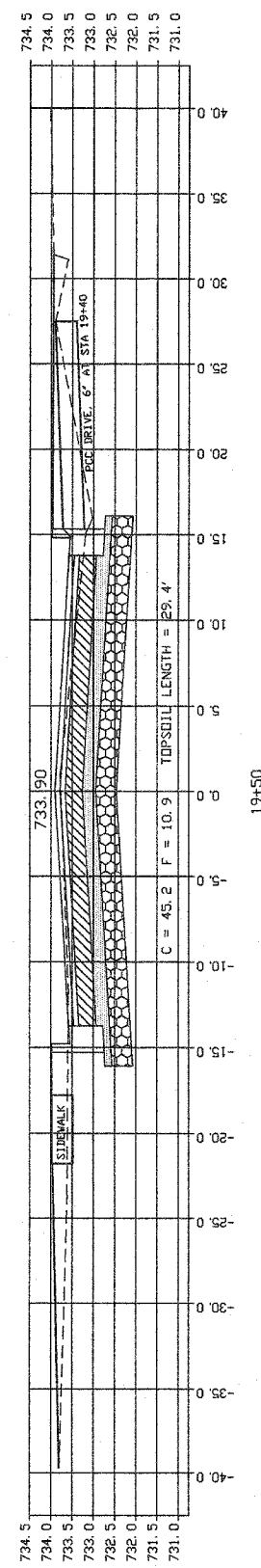
20+50



20+00



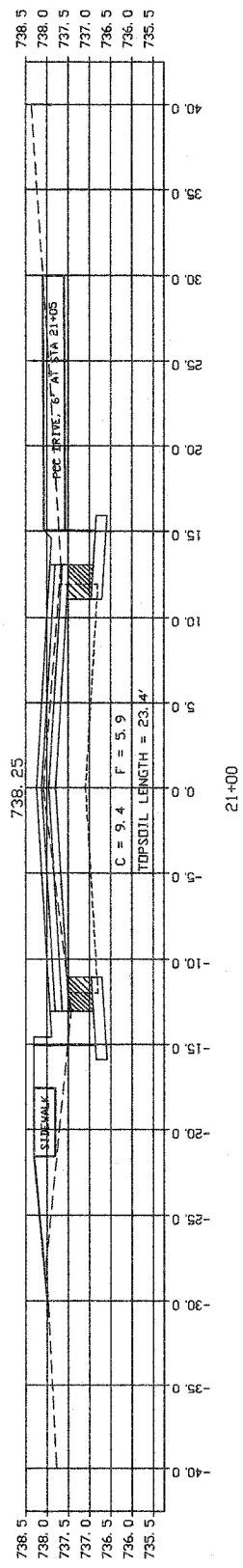
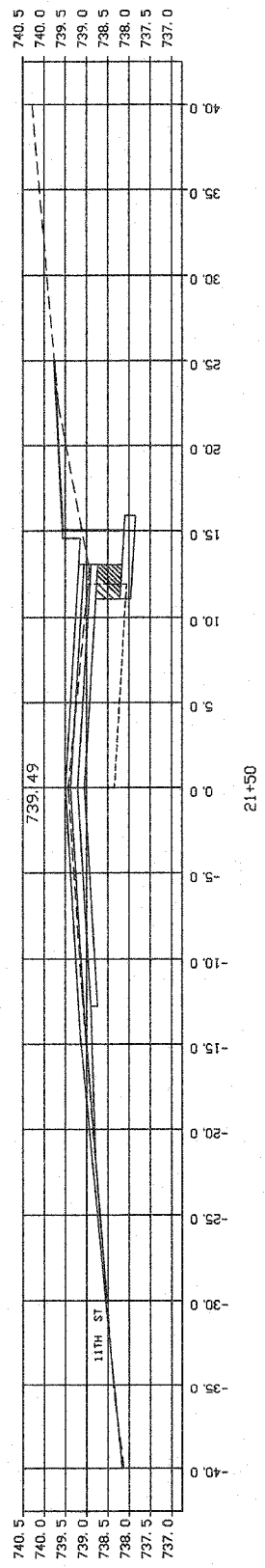
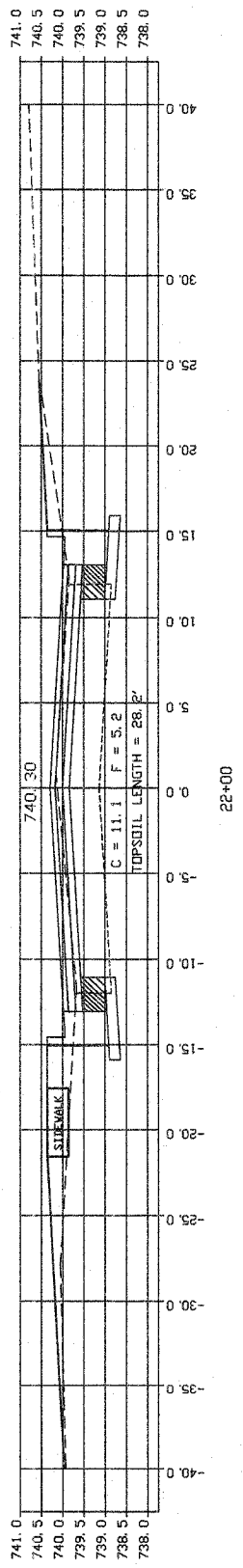
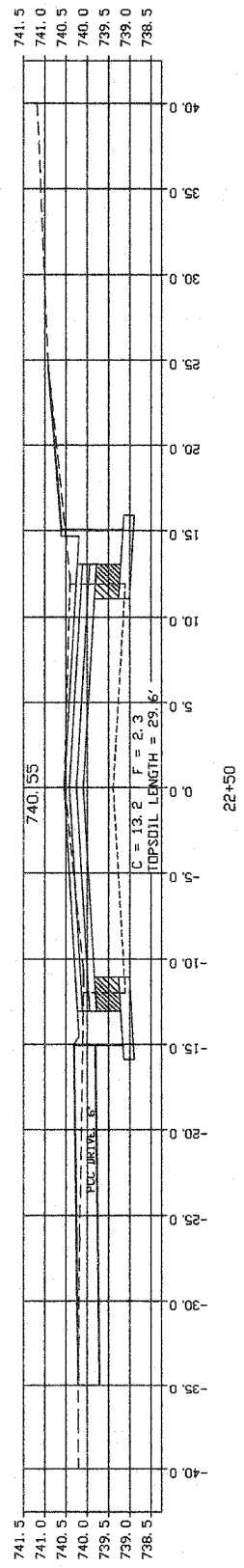
19+64



19+50

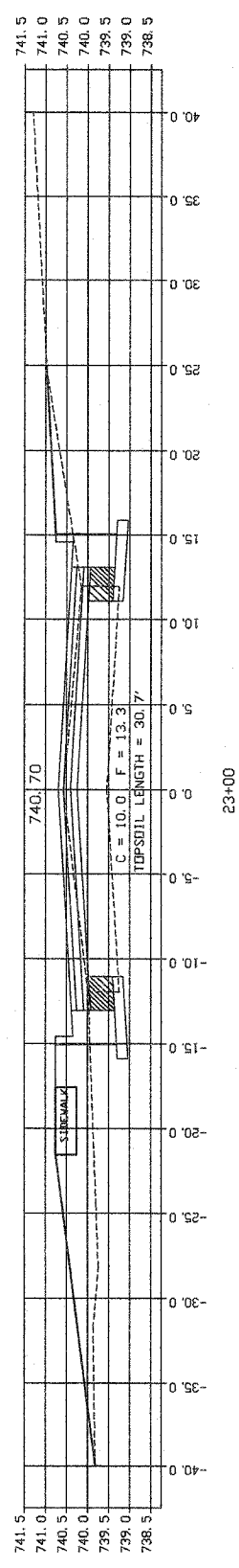
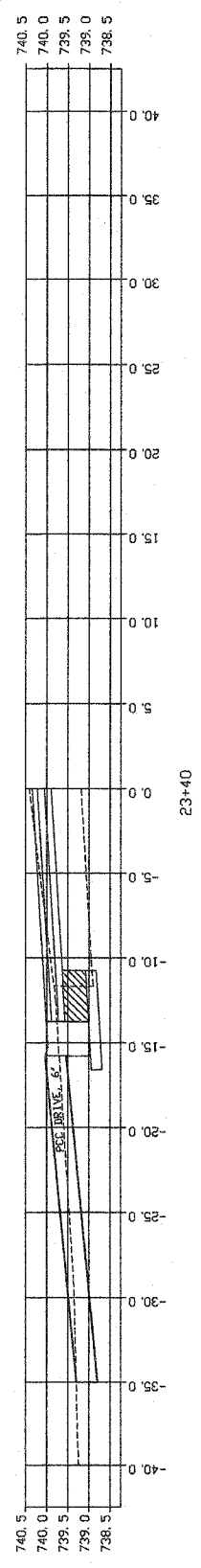
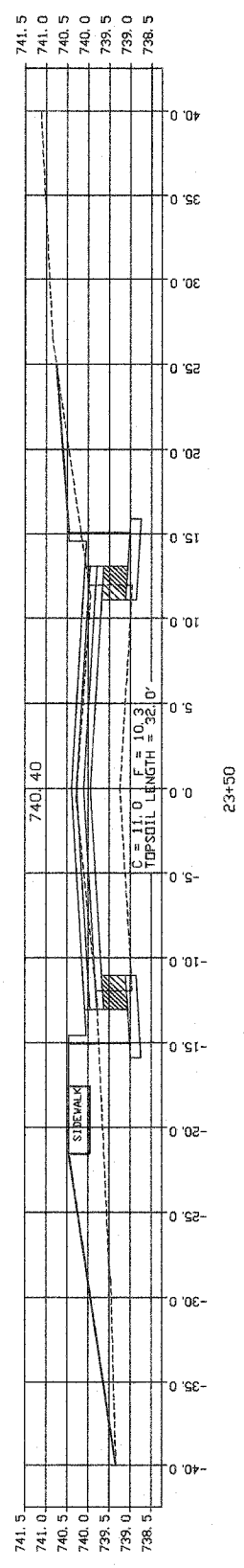
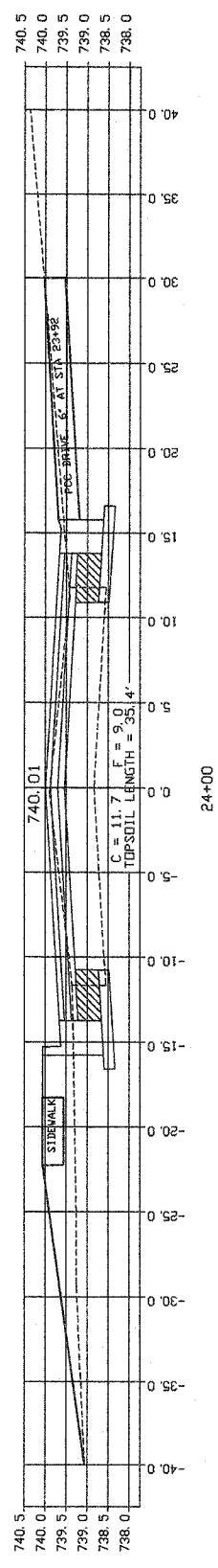
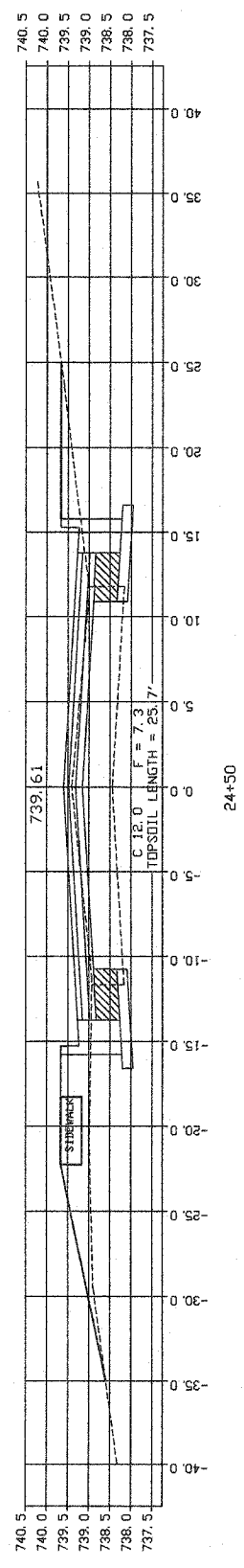
F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00-PP	LA SALLE	30	31

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CONTRACT NO. 87353



F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00057-00+FP	L.A. SALLE	33	28

CITY OF MENDOTA
CONTRACT NO. 87283



F. A. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6011	07-00007-00-PP	LA SALLE	32	32

CITY OF MEMPHIS
CONTRACT NO. 97289

