3-9-07 Letting, Item 045

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	1
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR
PROPOSED LOCAL AGENCY IMPROVEMENT
FEDERAL URBAN PROJECT

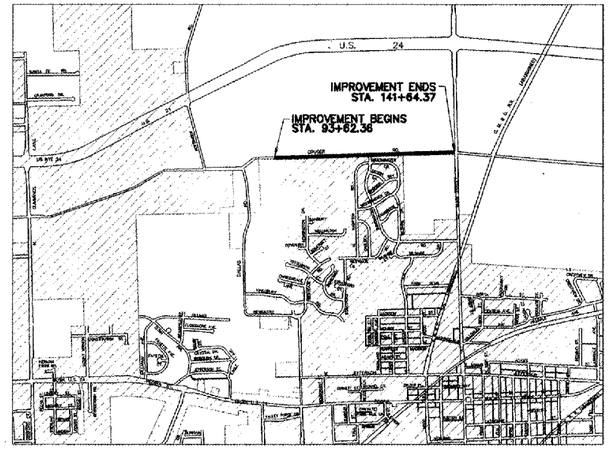
SCALES

PLAN	1" = 20'	0' 20' 40'
PROFILE HOR.	1" = 20'	0' 20' 40'
PROFILE VERT.	1" = 5'	0' 5' 10'
CROSS SECTIONS HOR.	1" = 10'	0' 10' 20'
CROSS SECTIONS VERT.	1" = 5'	0' 5' 10'

F.A.U. ROUTE 6737 TAZEWELL COUNTY
SECTION 03-00089-02-PV
PROJECT ACM-5093-110
CITY OF WASHINGTON, ILLINOIS

R3W, 3rd P.M.

T26N



LOCATION SKETCH

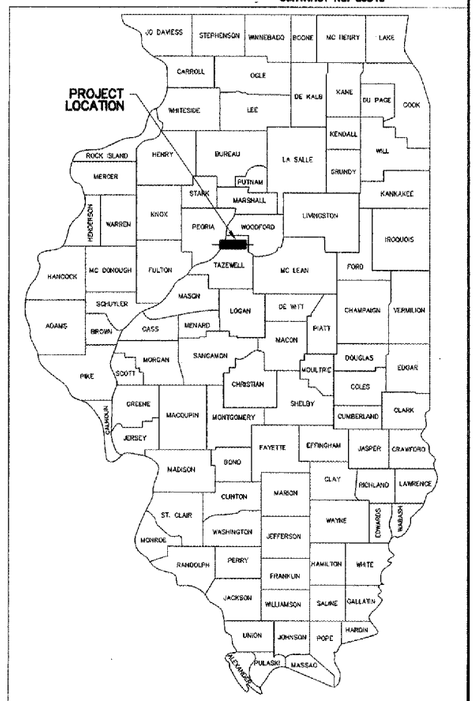
LATITUDE = 40° - 43'
LONGITUDE = 89° - 25'

NET LENGTH OF PROJECT

CRUGER ROAD : 4,802.01 LIN. FT. = 0.910 MILES

FUNCTIONAL CLASSIFICATION:	MINOR ARTERIAL (TS-3)
ADT:	600 - 1,150 (2000); 8,500 (2020)
DESIGN SPEED:	30 MPH
POSTED SPEED:	45 MPH
VEHICLE MIX:	PV= 95% SU= 3% MU= 2%

COMMITMENTS: NONE AS OF 12/15/05
JOB NO. C-94-062-04
CONTRACT NO. 89349



LOCATION OF SECTION INDICATED THUS: -

PROPOSED IMPROVEMENT CONSISTS OF CONSTRUCTING AN 8" PORTLAND CEMENT CONCRETE PAVEMENT, CURB & GUTTER, STORM SEWERS AND PAVEMENT MARKINGS. THE IMPROVEMENT SHALL BE CONSTRUCTED IN TWO PHASES WITH THE WORK AREA BEING CLOSED TO TRAFFIC.

QC/QA BITUMINOUS SUPERPAVE PROJECT

QC/QA CONCRETE PROJECT

N.P.D.E.S. PERMIT REQUIRED

CITY OFFICIALS

MAYOR:	GARY W. MANIER
CLERK:	CAROL K. MOSS
TREASURER:	ROBERT E. GORDON
ADMINISTRATOR:	ROBERT A. MORRIS
ENGINEER:	KENNETH B. NEWMAN
ALDERMEN:	BOB BRUCKS
	JAMES A. NEWMAN
	DONALD BRUBAKER
	TODD CLANIN
	ALAN HOWERTER
	DAVID DINGLEDINE
	JAMES L. GEE
	JOSEPH GREISER

PASSED Nov 16 20 06
DISTRICT FOUR ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review NOV 16 20 06
DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS PREPARED BY
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS
BY: James R. Franklin
JAMES R. FRANKLIN, P.E.
LIC. EXP. DATE 11/30/07

JAMES R. FRANKLIN 22751 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
LICENSE EXPIRES 11-30-07

CITY OF WASHINGTON, ILLINOIS
APPROVED Kenneth B. Newman
CITY ENGINEER
DATE 10/23/06

INDEX OF SHEETS

LIST OF CONSTRUCTION STANDARDS

280001-03	TEMPORARY EROSION CONTROL
420001-06	PAVEMENT JOINTS
420106-03	10.8m (36') JOINTED PCC PAVEMENT
542301-01	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
602401-01	MANHOLE, TYPE A
602601-01	PRECAST, REINFORCED CONCRETE FLAT SLAB TOP
602701-01	CAST IRON STEPS
604001-02	FRAME AND LIDS, TYPE 1
606001-03	CONC. CURB & COMB. CONC. CURB & GUTTER
666001	RIGHT OF WAY MARKERS
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME, FOR SPEEDS > 45 MPH
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
BLR 22 - 4	TWO-LANE TWO WAY RURAL TRAFFIC - ROAD CLOSED TO THRU TRAFFIC

J.U.L.I.E. 1-800-892-0123
NOTE: VISIBLE UTILITY STRUCTURES WERE LOCATED BY FIELD SURVEY AS SHOWN. UNDERGROUND UTILITY LOCATIONS WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND ARE APPROXIMATE AND MAY NOT BE COMPLETE. CONTACT J.U.L.I.E. BEFORE EXCAVATING.

COVER SHEET
CRUGER ROAD, PHASE 3

FOR: CITY OF WASHINGTON

DATE 12/16/05 SCALE BOOK

AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

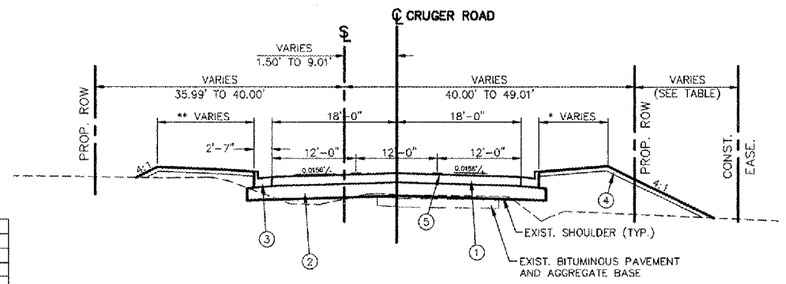
REVISED 07/25/06 REVISED PROJECT NUMBER 20-05-004
REVISED 10/20/06 REVISED SHEET NO. 1 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6757	*	TAZEWELL	47	2
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-3083-110	

*03-00089-02-PV
CONTRACT NO. 69349

LEGEND

1. P.C.C. PAVEMENT, 8" (JOINTED) W/ TYPE B FINISH
2. SUB-BASE GRANULAR MATERIAL, 12"
3. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
4. TOPSOIL, 4"
5. PAVEMENT MARKING (STRIPE, 4")



CRUGER ROAD

PROPOSED
TYPICAL SECTION

CONSTRUCTION EASEMENT TABLE		
LEFT/RIGHT	STATION	WIDTH
LEFT	95+90.00 TO 97+50.00	15 FEET
LEFT	97+50.00 TO 98+75.00	10 FEET
RIGHT	99+50.00 TO 100+25.00	10 FEET
RIGHT	100+25.00 TO 104+25.00	15 FEET
RIGHT	104+25.00 TO 107+00.00	10 FEET
RIGHT	107+00.00 TO 107+50.00	150 FEET
RIGHT	107+50.00 TO 108+08.50	150' TO 20'
RIGHT	108+08.50 TO 108+36.50	20 FEET
RIGHT	108+36.50 TO 109+00.00	10 FEET
LEFT	107+25.00 TO 107+52.82	40 FEET
LEFT	107+52.82 TO 107+92.82	30 FEET
LEFT	107+92.82 TO 108+25.00	40 FEET
LEFT	140+86.65 TO 141+35.85	0' TO 25'

NOTE: EXISTING BITUMINOUS PAVEMENT THICKNESS VARIES FROM 2" TO 5.5" AND THE EXISTING AGGREGATE BASE THICKNESS VARIES FROM 5.7" TO 10". (SEE BORING LOGS IN SPECIFICATIONS.)

* 10' @ 4%, STA. 93+62.36 TO STA. 128+50.00
14' @ 2%, STA. 128+50.00 TO 141+55.22

** 4' @ 4% AND 10' @ 2%, STA. 93+62.36 TO 128+50.00
10' @ 4%, STA. 128+50.00 TO 141+55.22

BITUMINOUS MIX REQUIREMENTS

LOCATION (S) AND MIXTURE USE (S):	BIT. CONC. SURFACE COURSE	BIT. CONC. BINDER COURSE AND BASE COURSE
AC/PG:	PG 64-22	PG 64-22
RAP % : (MAX)	15%	25%
DESIGN AIR VOIDS:	4.2% @ N = 50	4.2% @ N = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 or IL 12.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE C	N/A

** IF > 15% RAP IS USED, THE CONTRACTOR MAY BE REQUIRED TO USE A SOFTER GRADE OF ASPHALT AS DETERMINED BY THE MATERIALS ENGINEER.

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER
2. DOWELED TRANSVERSE PAVEMENT JOINTS SHALL BE SPACED AT 15.0 FT. MAXIMUM AND AS SHOWN ON THE "JOINT DETAILS" CONSTRUCTION SHEET. COST OF DOWEL BARS SHALL BE INCIDENTAL TO THE PAY ITEM "PORTLAND CEMENT CONCRETE PAVEMENT, 8" JOINTED".
3. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.
4. ALL ELEVATIONS SHOWN REFER TO U.S.G.S. DATUM AT MEAN SEA LEVEL UNLESS OTHERWISE NOTED.
5. THE REMOVAL OF THE EXISTING CRUGER ROAD FLEXIBLE PAVEMENT WILL NOT BE PAID FOR SEPARATELY, BUT IS INCLUDED IN THE EARTH EXCAVATION QUANTITIES. THE FLEXIBLE PAVEMENT MATERIAL REMOVED MAY BE USED IN EMBANKMENT AREAS, AS DEFINED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. PLACING THE FLEXIBLE PAVEMENT MATERIALS IN EMBANKMENT AREAS SHALL BE DONE IN ACCORDANCE WITH ARTICLE 205.06 OF THE STANDARD SPECIFICATIONS.
6. TO MAINTAIN DRAINAGE, THE 8' x 4' PRECAST BOX CULVERT CROSSING CRUGER ROAD AT STATION 107+62.50 SHALL BE CONSTRUCTED IN CONJUNCTION WITH THE REMOVAL OF THE EXISTING CULVERT AT STATION 107+73.6. THE PROPOSED CULVERT SHALL BE CONSTRUCTED PRIOR TO THE REMOVAL OF THE EXISTING CULVERT SO THAT DRAINAGE MAY BE MAINTAINED AT ALL TIMES.
7. ALL REINFORCEMENT BARS AND TIE BARS, ETC. USED ON THIS PROJECT SHALL BE EPOXY COATED.
8. 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.
9. ALL WORK IS SUBJECT TO INSPECTION BY THE ENGINEER IN CONJUNCTION WITH THE CITY OF WASHINGTON AS CONSTRUCTION PROGRESSES
10. FINAL ACCEPTANCE BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE CITY OF WASHINGTON FOR THE IMPROVEMENTS IS BASED ON THE CONDITION OF THE IMPROVEMENTS AT THE TIME THE FINAL INSPECTION IS MADE.
11. PREPARE AND COMPACT SUBGRADE BEFORE PLACING "SUB-BASE GRANULAR MATERIAL, TYPE A, 12"" (95% COMPACTION STANDARD PROCTOR). IN ADDITION TO THE NUCLEAR DENSITY TESTS REQUIRED BY I.D.O.T., THE ENTIRE SUBGRADE SHALL BE PROOF ROLLED WITH THE USE OF A LOADED TANDEM TRUCK APPROVED BY THE CITY OF WASHINGTON AND THE PROOF ROLL WITNESSED AND APPROVED BY A REPRESENTATIVE OF THE CITY OF WASHINGTON.
12. IN ADDITION TO THE TESTS REQUIRED BY I.D.O.T. TO VERIFY THE DENSITY OF THE "SUB-BASE GRANULAR MATERIAL, TYPE A, 12", THE SUB-BASE SHALL BE PROOF ROLLED WITH THE USE OF A LOADED TANDEM TRUCK APPROVED BY THE CITY OF WASHINGTON AND THE PROOF ROLL WITNESSED AND APPROVED BY A REPRESENTATIVE OF THE CITY OF WASHINGTON.

SUMMARY OF QUANTITIES

	CODE NUMBER	CONSTRUCTION TYPE CODE: J000-2A ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
	20200100	EARTH EXCAVATION	CU.YD.	12,446
	20800150	TRENCH BACKFILL	CU.YD.	400
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU.YD.	1,917
	25000100	SEEDING, CLASS 1	ACRE	3.6
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	324
	25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	324
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	324
	25100115	MULCH, METHOD 2	ACRE	3.6
	25100630	EROSION CONTROL BLANKET	SQ.YD.	1,045
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	22
	28000300	TEMPORARY DITCH CHECKS	EACH	2
	28000400	PERIMETER EROSION BARRIER	FOOT	1,418
	28000510	INLET FILTERS	EACH	32
	28100127	STONE RIPRAP, CLASS B4	SQ.YD.	50
	28200200	FILTER FABRIC	SQ.YD.	50
	31100910	SUB-BASE GRANULAR MATERIAL, TYPE A, 12"	SQ.YD.	23,642
	31100935	SUB-BASE GRANULAR MATERIAL, TYPE A, 18"	SQ.YD.	150
	35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ.YD.	186
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	167
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	49
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	34
	42000301	PORTLAND CEMENT CONCRETE PAVEMENT, 8" JOINTED	SQ.YD.	19,761
	42001300	PROTECTIVE COAT	SQ.YD.	19,761
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ.YD.	107
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	SQ.FT.	638
	44000030	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ.YD.	385
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ.YD.	101
	44000500	COMBINATION CURB & GUTTER REMOVAL	FOOT	325
	44000600	SIDEWALK REMOVAL	SQ.FT.	645
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
	50105220	PIPE CULVERT REMOVAL	FOOT	175
	54020402	PRECAST CONCRETE BOX CULVERT, 4' x 2' (M273)	FOOT	12
	54020804	PRECAST CONCRETE BOX CULVERT, 8' x 4' (M273)	FOOT	84
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 12"	EACH	1
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 15"	EACH	2
	55021600	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 12"	FOOT	2,302
	55021700	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 15"	FOOT	1,201
	55021800	STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 18"	FOOT	171
	55100400	STORM SEWER REMOVAL, 10"	FOOT	245
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	17
	60241800	INLETS, TYPE G-1	EACH	28
	60255500	MANHOLES TO BE ADJUSTED	EACH	3
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2
	60500040	REMOVING MANHOLES	EACH	2
	60500060	REMOVING INLETS	EACH	1
	60605000	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	FOOT	9,353
	60615400	PAVED DITCH, TYPE A-15	FOOT	38
	66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	15
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL.MO.	10
	67100100	MOBILIZATION	L.SUM	1
	70101700	TRAFFIC CONTROL & PROTECTION	L.SUM	1
*	78008200	POLYUREA PAVEMENT MARKING TYPE 1 - LETTERS & SYMBOLS	SQ.FT.	780
*	78008210	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 4"	FOOT	11,136
*	78008240	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 8"	FOOT	100
*	78008270	POLYUREA PAVEMENT MARKING TYPE 1 - LINE 24"	FOOT	80
	XX006681	REMOVE AND SALVAGE EROSION CONTROL BLOCK	L.SUM	1
	XX006682	INSTALL SALVAGED EROSION CONTROL BLOCK	SQ.YD.	27
	XX006683	STORM SEWER, DUCTILE IRON PIPE, CLASS 50, 12"	FOOT	92
	XX006684	STORM SEWER, DUCTILE IRON PIPE, CLASS 50, 14"	FOOT	48
	XX006685	INLET MANHOLE, TYPE A, 4' DIA., TYPE G-1 FRAME & GRATE	EACH	4
	XX006686	CONNECT TO 8' x 4' PRECAST BOX CULVERT	EACH	2
	XX006687	SALVAGE & REINSTALL 4' x 2' PRECAST CONCRETE BOX CULVERT END SECTION	EACH	1
△	Z0076600	TRAINEES	HOUR	500

* SPECIALTY ITEMS
△ Y080

TYPICAL SECTION / SUMMARY OF QUANTITIES CRUGER ROAD, PHASE 3	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS
FOR: CITY OF WASHINGTON	PEORIA ILLINOIS
DATE 12/16/05	REVISED 07/25/06
	REVISED 10/20/06
	PROJECT NUMBER 20-05-004
	SHEET NO. 2 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	3
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV
CONTRACT NO. 89349

EARTHWORK SUMMARY (FOR INFORMATION ONLY)

EARTH EXCAVATION		12,446 C.Y.
EMBANKMENT*		7,301 C.Y.
ADDITIONAL FILL MATERIAL NEEDED TO REPLACE TOP SOIL EXCAVATION IN ROADWAY FILL AREAS**		1,725 C.Y.
WASTE MATERIAL	SUB-TOTAL	3,420 C.Y.
TOP SOIL EXCAVATION		2,853 C.Y.
TOP SOIL PLACEMENT***		1,917 C.Y.
WASTE MATERIAL	SUB-TOTAL	936 C.Y.
WASTE MATERIAL FROM SEWER TRENCHES		1,653 C.Y.
WASTE MATERIAL	TOTAL	6,009 C.Y.

*INCLUDES 20% SHRINKAGE
**INCLUDES 20% SHRINKAGE - THIS QUANTITY IS NOT SHOWN ON CROSS SECTIONS
***INCLUDES 10% SHRINKAGE

PORTLAND CEMENT CONCRETE SIDEWALK, 4"

LOCATION	QUANTITY
CL STA. 300+46.2 TO CL STA. 301+72.5 (DEVONSHIRE)	538 S.F.
RT. STA. 129+48.5 TO RT. STA. 129+60.3	50
RT. STA. 129+95.7 TO RT. STA. 131+07.6	50
PROJECT TOTAL	638 S.F.

MANHOLES TO BE ADJUSTED

LOCATION	QUANTITY
17.78' RT. STA. 129+78.22 (SANITARY)	1 EA.
16.57' RT. STA. 133+86.60 (SANITARY)	1
15.63' RT. STA. 137+97.93 (SANITARY)	1
PROJECT TOTAL	3 EA.

PAVING SCHEDULE

LOCATION	SUB-BASE GRANULAR MATERIAL, TY. A, 12" (SQ.YD.)	PORTLAND CEMENT CONC. PAVEMENT, 8" JOINTED (SQ.YD.)	PROTECTIVE COAT (SQ.YD.)	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) (SQ.YD.)	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)	HOT-MIX ASPHALT BASE COURSE, 7" (SQ.YD.)	HOT-MIX ASPHALT BIND. CSE. IL-19.0, N50 2 1/4" (TON)	HOT-MIX ASPHALT SURF. CSE. MIX "C", N50 1 1/2" (TON)
CRUGER ROAD								
LT. & RT. STA. 93+62.36 TO STA. 141+55.22	22,984	19,171	19,171	–	–	–	–	–
LT. & RT. STA. 141+55.22 TO STA. 141+64.37	–	–	–	176	84	186	22	16
NORTHWEST QUADRANT @ MAIN STREET	89	62	62	–	–	–	–	–
SOUTHWEST QUADRANT @ MAIN STREET	88	64	64	–	–	–	–	–
DEVONSHIRE ROAD								
RT. STA. 120+01.7 TO RT. STA. 120+38.2	169	162	162	–	–	–	–	–
TRANSITION	–	–	–	59	23	–	8	5
CL STA. 300+05.0 TO CL STA. 300+46.2	–	–	–	46	18	–	6	4
BREEZE WAY								
RT. STA. 129+61.7 TO RT. STA. 129+93.9	156	151	151	–	–	–	–	–
TRANSITION	–	–	–	52	21	–	6.5	4.5
COMFORT WAY								
RT. STA. 138+41.8 TO RT. STA. 138+73.8	156	151	151	–	–	–	–	–
TRANSITION	–	–	–	52	21	–	6.5	4.5
PROJECT TOTAL	23,642 S.Y.	19,761 S.Y.	19,761 S.Y.	385 S.Y.	167 GAL.	186 S.Y.	49 TON	34 TON

* PRIME ESTIMATED @ 0.05 GAL./SQ.YD. ON BITUMINOUS SURFACES
@ 0.35 GAL./SQ.YD. ON AGGREGATE BASE

ALL BITUMINOUS ITEMS ESTIMATED AT 112 POUNDS/SQ.YD./IN. THICKNESS

THESE QUANTITIES DO NOT INCLUDE DRIVEWAYS.

DRIVEWAY SCHEDULE

LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ.YD.)	P.C.C. DRIVEWAY PAVEMENT, 6" (SQ.YD.)	AGGREGATE SURF. CRSE. TYPE B, 8" (TON)
RT. STA. 108+22.6	–	–	29
RT. STA. 113+58.8	–	34	–
LT. STA. 115+20.9	–	–	21
RT. STA. 130+68.6	45	36	–
RT. STA. 132+14.7	56	37	–
PROJECT TOTAL	101 S.Y.	107 S.Y.	50 TON

COMB. CONC. CURB & GUTTER, TYPE B-6.24

LOCATION	QUANTITY
LT. STA. 93+62.36 TO LT. STA. 141+03.49	4,546 FT.
**LT. STA. 141+03.49 TO LT. STA. 141+47.91	96
RT. STA. 93+62.36 TO RT. STA. 119+71.02	2505
*SOUTHWEST QUADRANT DEVONSHIRE ROAD	49
*SOUTHEAST QUADRANT DEVONSHIRE ROAD	49
RT. STA. 120+69.28 TO RT. STA. 129+31.06	823
*SOUTHWEST QUADRANT BREEZE WAY	62
*SOUTHEAST QUADRANT BREEZE WAY	62
RT. STA. 130+25.05 TO RT. STA. 138+10.95	780
*SOUTHWEST QUADRANT COMFORT WAY	62
*SOUTHEAST QUADRANT COMFORT WAY	62
RT. STA. 139+04.91 TO RT. STA. 141+03.49	184
**RT. STA. 141+03.49 TO RT. STA. 141+49.85	93
PROJECT TOTAL	9353 FT.

CURB & GUTTER QUANTITY INCLUDES
DEDUCTION THROUGH INLETS
*INCLUDES TRANSITION FROM B-6.24 TO B-6.12
**INCLUDES TRANSITION CURB & GUTTER

SEEDING SCHEDULE

LOCATION	TOPSOIL EXCAVATION AND PLACEMENT (CU.YD.)*	SEEDING CLASS 1 (ACRE)	NITROGEN FERTILIZER NUTRIENT (LB)**	PHOSPHOROUS FERTILIZER NUTRIENT (LB)**	POTASSIUM FERTILIZER NUTRIENT (LB)**	MULCH METHOD 2 (ACRE)***
LT. STA. 93+62.36 TO LT. STA. 141+55.22	1,081	2.03	182.7	182.7	182.7	2.03
RT. STA. 93+62.36 TO RT. STA. 120+01.7	490	0.92	82.8	82.8	82.8	0.92
RT. STA. 120+83.2 TO RT. STA. 129+61.7	160	0.30	27.0	27.0	27.0	0.30
RT. STA. 129+93.9 TO RT. STA. 138+41.8	133	0.25	22.5	22.5	22.5	0.25
RT. STA. 138+73.8 TO RT. STA. 141+55.22	53	0.10	9.0	9.0	9.0	0.10
PROJECT TOTAL	1,917 C.Y.	3.6 ACRE	324 LB.	324 LB.	324 LB.	3.6 ACRE

* 3.6 ACRES AT 4" THICK EQUATES TO 1,917 CUBIC YARDS OF TOPSOIL
** FERTILIZER TO BE APPLIED AT 270 LBS. PER ACRE AT 1-1-1 RATIO
*** PROCEDURE 1 TO BE APPLIED AT 2 TONS PER ACRE

COMBINATION CURB & GUTTER REMOVAL

LOCATION	QUANTITY
RT. STA. 120+00.8 (DEVONSHIRE)	22 FT.
RT. STA. 120+39.3 (DEVONSHIRE)	20
LT. & RT. STA. 300+46.23 (DEVONSHIRE)	10
RT. STA. 129+60.8 (BREEZE WAY)	67
RT. STA. 129+95.2 (BREEZE WAY)	68
RT. STA. 130+40.8 (COMFORT WAY)	69
RT. STA. 138+74.9 (COMFORT WAY)	69
PROJECT TOTAL	325 FT.

SIDEWALK REMOVAL

LOCATION	QUANTITY
CL STA 300+46.2 TO CL STA. 301+72.5 (DEVONSHIRE)	538 FT.
RT. STA. 129+48.5 TO RT. STA. 129+60.3	54
RT. STA. 129+95.7 TO RT. STA. 131+07.6	53
PROJECT TOTAL	645 FT.

PIPE CULVERT REMOVAL

LOCATION	QUANTITY
LT. STA. 96+11.5 (15"CMP)	36 FT.
LT. STA. 101+73.1 (12"CMP)	24
RT. STA. 108+22.1 (12"CMP)	21
LT. STA. 113+34.7 (12"CMP)	24
LT. STA. 115+20.9 (12"CMP)	20
LT. & RT. STA. 141+37.5 (18"CMP)	50
PROJECT TOTAL	175 FT.

STORM SEWER REMOVAL, 10"

LOCATION	QUANTITY
RT. STA. 119+81.24 TO RT. STA. 120+50.18	69 FT.
CL STA. 301+86.46 TO CL STA. 300+46.23	140
CL STA. 300+46.23 TO CL STA. 300+10.00	36
PROJECT TOTAL	245 FT.

REMOVING MANHOLES

LOCATION	QUANTITY
RT. STA. 119+81.24 (DEVONSHIRE)	1 EA.
RT. STA. 120+50.18 (DEVONSHIRE)	1
PROJECT TOTAL	2 EA.

REMOVING INLETS

LOCATION	QUANTITY
CL STA. 300+46.23 (DEVONSHIRE)	1 EA.
PROJECT TOTAL	1 EA.

QUANTITIES NOT OTHERWISE SHOWN
CRUGER ROAD, PHASE 3

AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

FOR: CITY OF WASHINGTON

DATE 12/16/05 | SCALE | BOOK

REVISED 07/25/08 | REVISED | PROJECT NUMBER 20-05-004

REVISED 10/20/08 | REVISED | SHEET NO. 3 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	4
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349

STORM SEWERS

FROM STRUCTURE	INVERT ELEVATION	TO STRUCTURE	INVERT ELEVATION	PIPE SLOPE %	SS, TY. 2, REINF. CONC. ST. DRAIN & SEWER PIPE CL. 3, 12" (FT.)	SS, TY. 2, REINF. CONC. ST. DRAIN & SEWER PIPE CL. 3, 15" (FT.)	SS, TY. 2, REINF. CONC. ST. DRAIN & SEWER PIPE CL. 3, 18" (FT.)	SS, DUCTILE IRON CLASS 50, 12" (FT.)	SS, DUCTILE IRON CLASS 50, 14" (FT.)	4' x 2' PRECAST BOX CULVERT M 273 (FT.)	TRENCH BACKFILL (C.Y.)
EX	778.88	1	785.18	2.40	263						0
1	785.28	2	785.36	1.00	8						2
2	785.45	3	785.84	1.00	38						7
4	772.82	5	772.96	1.00		14					4
5	773.06	6	775.25	1.00		219					0
6	775.35	7	775.43	1.00	8						2
7	775.53	8	775.91	1.00	38						7
8	775.35	9	780.47	2.15	238						0
9	780.57	10	780.85	1.00	8						2
10	780.75	11	781.13	1.00	38						7
9	780.57	12	785.69	2.15	238						0
12	785.79	13	785.87	1.00	8						2
13	785.97	14	786.35	1.00	38						7
15	772.50	16	772.61	1.00		11					4
16	773.08	17	773.14	1.00	8						2
17	773.24	18	773.82	1.00	38						7
16	772.71	19	775.24	1.00		253					0
19	775.34	20	775.42	1.00	8						2
20	775.52	21	775.90	1.00	38						7
19	775.34	22	780.78	2.15	253						0
22	780.88	23	780.96	1.00	8						2
23	781.06	24	781.44	1.00	38						7
25	776.03	26	776.44	1.15			36				15
26	776.54	27	778.09	1.15			135				90
27	778.19	28	778.77	1.14		51					42
28	778.87	29	779.37	1.00		50					30
29	779.47	30	779.55	1.00		8					5
30	779.65	31	782.03	1.05	227						0
31	782.13	32	782.21	1.00	8						2
32	782.31	33	782.89	1.00	38						7
30	779.65	34	782.10	1.00		245					0
34	782.20	35	782.28	1.00	8						2
35	782.38	36	782.76	1.00	38						7
34	782.20	37	784.98	1.10	253						0
37	785.08	38	785.16	1.00	8						2
38	785.26	39	785.64	1.00	38						7
37	785.08	40	788.24	1.25	263						0
40	788.34	41	788.42	1.00	8						2
41	788.52	42	788.90	1.00	38						7
43	787.54	44	787.56	0.50					8		2
44	787.68	45	787.87	0.50					48		5
45	787.97	46	788.01	0.50		8					1
46	788.11	47	789.28	0.50		234					0
47	789.38	48	789.42	0.50				8			2
48	789.52	49	789.71	0.50				38			5
EX	786.69	50	786.75	0.50						12	0
51	786.94	52	787.25	0.40	71						0
52	787.35	53	787.38	0.40				8			2
53	787.48	54	787.53	0.40				38			5
55	787.04	56	787.46	0.35		108					13
TOTAL					2,302	1,201	171	92	56	12	324

STRUCTURE

STRUCTURE NUMBER	STATION	MANHOLE TY. A, 4' DIA., W/TY 1 FR., CLOSED LID	INLET, TYPE G-1	MANHOLES TO BE RECONSTRUCTED	CONNECT TO 8' x 4' BOX CULVERT	INLET MANHOLE 4' DIA., W/TY G-1 FRAME & GRATE	SALVAGE & REINSTALL 4' x 2' PRECAST BOX CULVERT END SECTION	PRECAST REINFORCED FLARED END SECTION, 12"	PRECAST REINFORCED FLARED END SECTION, 15"
	CRUGER ROAD BASELINE								
EX	28.00' RT. STA. 93+15.00			X					
1	28.00' RT. STA 95+77.50	X							
2	19.33' RT. STA. 85+77.50		X						
3	19.33' LT. STA. 95+77.50		X						
4	22.21' LT. STA. 107+63.29				X				
5	28.00' LT. STA. 107+50.50	X							
6	28.00' LT. STA. 105+31.50	X							
7	19.33' LT. STA. 105+31.50		X						
8	19.33' RT. STA. 105+31.50		X						
9	28.00' LT. STA. 102+93.50	X							
10	19.33' LT. STA. 102+93.50		X						
11	19.33' RT. STA. 102+93.50		X						
12	28.00' LT. STA. 100+55.50	X							
13	19.33' LT. STA. 100+55.50		X						
14	19.33' RT. STA. 100+55.50		X						
15	31.86' LT. STA. 107+74.15				X				
16	28.00' LT. STA. 107+84.50	X							
17	19.33' LT. STA. 107+84.50		X						
18	19.33' RT. STA. 107+84.50		X						
19	28.00' LT. STA. 110+37.50	X							
20	19.33' LT. STA. 110+37.50		X						
21	19.33' RT. STA. 110+37.50		X						
22	28.00' LT. STA. 112+90.50	X							
23	19.33' LT. STA. 112+90.50		X						
24	19.33' RT. STA. 112+90.50		X						
	DEVONSHIRE ROAD BASELINE								
25	CENTERLINE 300+10.00			X					
26	CENTERLINE 300+46.23					X			
	CRUGER ROAD BASELINE								
27	30.57' RT. STA. 120+45.56					X			
28	30.57' RT. STA. 119+94.75					X			
29	19.33' LT. STA. 119+95.83					X			
30	28.00' LT. STA. 119+95.83	X							
31	28.00' LT. STA. 117+68.50	X							
32	19.33' LT. STA. 117+68.50		X						
33	19.33' RT. STA. 117+68.50		X						
34	28.00' LT. STA. 122+40.78	X							
35	19.33' LT. STA. 112+40.78		X						
36	19.33' RT. STA. 122+40.78		X						
37	28.00' LT. STA. 124+93.78	X							
38	19.33' LT. STA. 124+93.78		X						
39	19.33' RT. STA. 124+93.78		X						
40	28.00' LT. STA. 127+46.78	X							
41	19.33' LT. STA. 127+46.78		X						
42	19.33' RT. STA. 127+46.78		X						
43	28.00' RT. STA. 134+72.19	X							
44	19.33' RT. STA. 134+72.19		X						
45	19.33' LT. STA. 134+72.19		X						
46	28.00' LT. STA. 134+72.19	X							
47	28.00' LT. STA. 132+38.04	X							
48	19.33' LT. STA. 132+38.04		X						
49	19.33' RT. STA. 132+38.04		X						
50	56.96' LT. STA. 141+36.20						X		
51	47.53' LT. STA. 141+00.00							X	
52	28.00' LT. STA. 140+25.26	X							
53	19.33' LT. STA. 140+25.26		X						
54	19.33' RT. STA. 140+25.26		X						
55	48.16' LT. STA. 141+30.76								X
56	71.25' RT. STA. 141+42.63								X
TOTAL		17	28	2	2	4	1	1	2

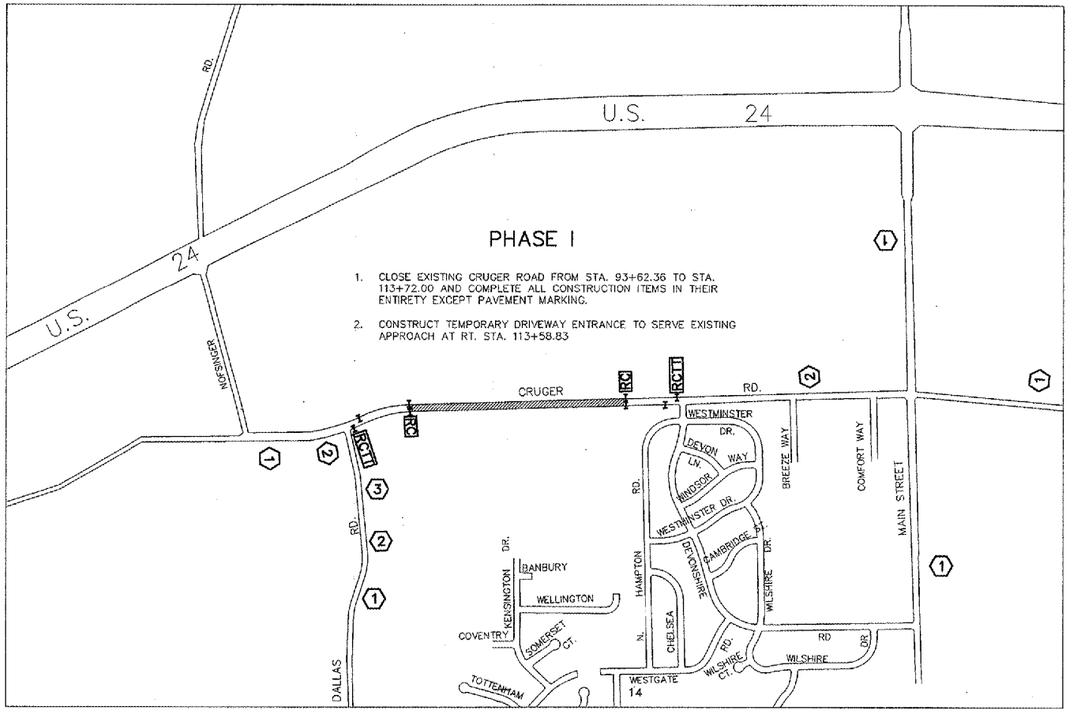
STORM SEWER QUANTITIES
CRUGER ROAD, PHASE 3

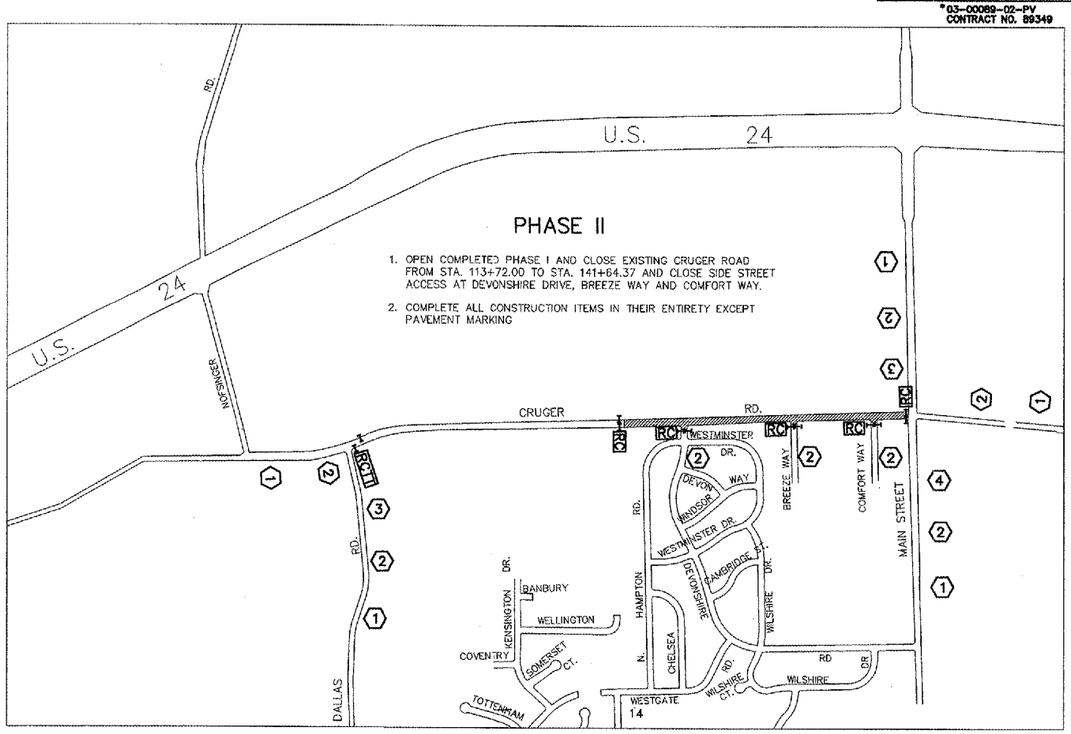
AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

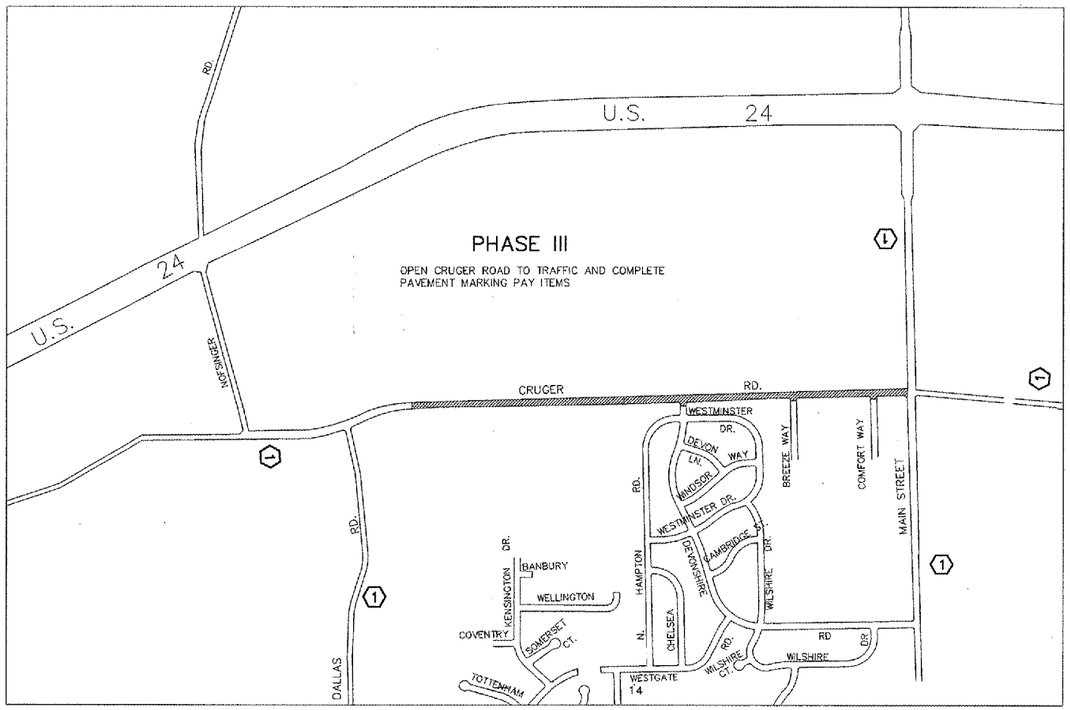
FOR: CITY OF WASHINGTON
DATE 12/16/05 SCALE BOOK
REVISED REVISED REVISED
PROJECT MANAGER 20-05-004
SHEET NO. 4 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.U. 8737	*	TAZEWELL	47	5
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00088-02-PV
CONTRACT NO. 89349







LEGEND:

- WORK AREA
- (1) ROAD CONSTRUCTION AHEAD
- (2) ROAD CLOSED AHEAD
- (3) NO RIGHT TURN
- (4) NO LEFT TURN
- RC ROAD CLOSED SIGN ON BARRICADES
- RCTT ROAD CLOSED TO THROUGH TRAFFIC
- TYPE III BARRICADES

NOTES:

1. ROAD CLOSURES SHALL BE IN ACCORDANCE WITH STANDARD 702001-06 AND STANDARD BLR 22-4. TYPE III BARRICADES SHALL BE PLACED TO FORM AN UNBROKEN LINE FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
2. FLASHING LIGHTS SHALL BE USED ON EACH APPROACH IN ADVANCE OF THE WORK AREA DURING HOURS OF DARKNESS AND PLACED ON EACH PERMANENT SIGN.

CONSTRUCTION PHASING & TRAFFIC CONTROL
CRUGER ROAD, PHASE 3

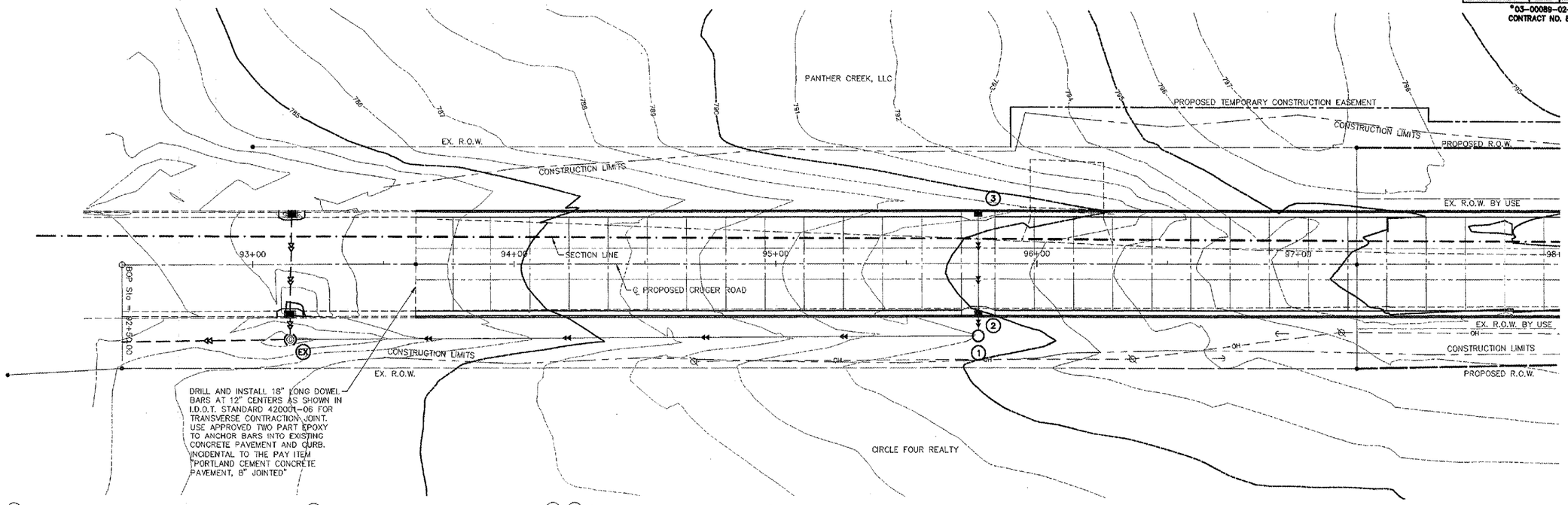
AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001148 ILLINOIS

CITY OF WASHINGTON

DATE	SCALE	BOOK	REVISED	REVISED	PROJECT NUMBER
12/16/05			REVISED	REVISED	20-05-004
			REVISED	REVISED	SHEET NO. 5 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	6
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-8083-110	

*03-00089-02-PV
CONTRACT NO. 89349



(EX) MANHOLE TO BE RECONSTRUCTED
28.00' RT. STA. 93+15.00
INV. 778.68 (EX. 12"W) INV. 778.88 (EX. 12"N)
INV. 778.88 (12"E)

(1) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' RT STA. 95+77.50 TOP/CASTING 789.65
INV. 785.18 (12"W) INV. 785.28 (12"N)

(2) INLET, TYPE C-1
19.33' RT. STA. 95+77.50
TOP/CURB 789.34 EDGE/PAVT 788.96
INV. 785.36 (12"S) INV. 785.46 (12"N)

(3) INLET, TYPE C-1
19.33' LT. STA. 95+77.50
TOP/CURB 789.34 EDGE/PAVT 788.96
INV. 785.84 (12"S)

(EX)-(1) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
263 FT. @ 2.40%

(1)-(2) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y

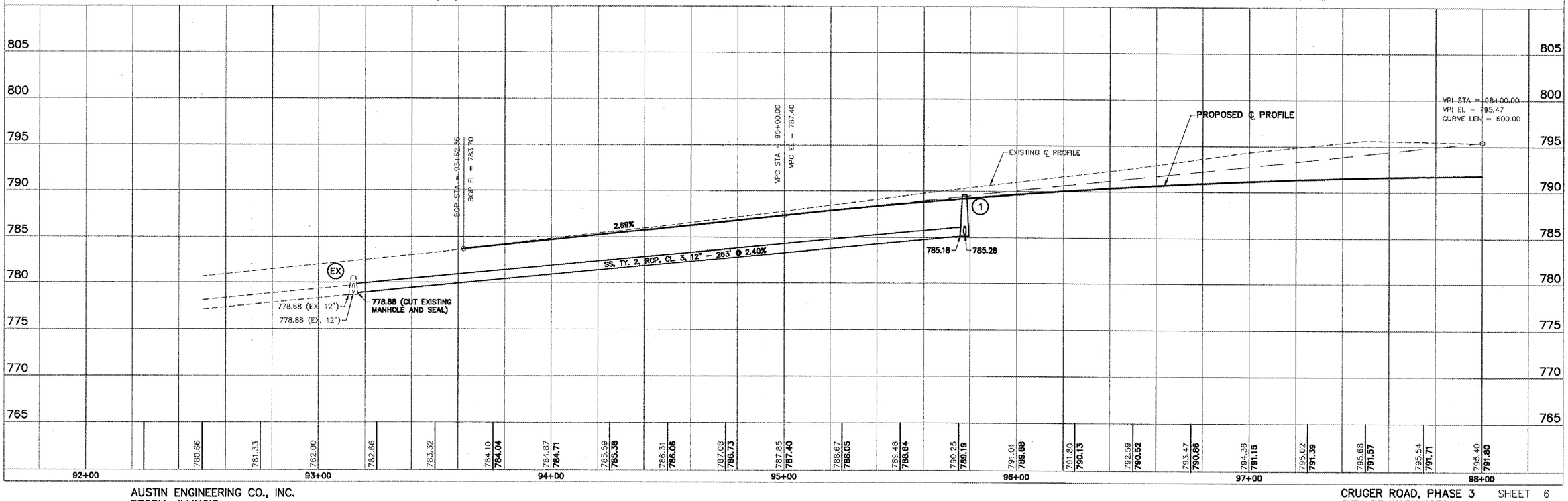
(2)-(3) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

NOTE: EXISTING CRUGER ROAD TO BE REMOVED – SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER



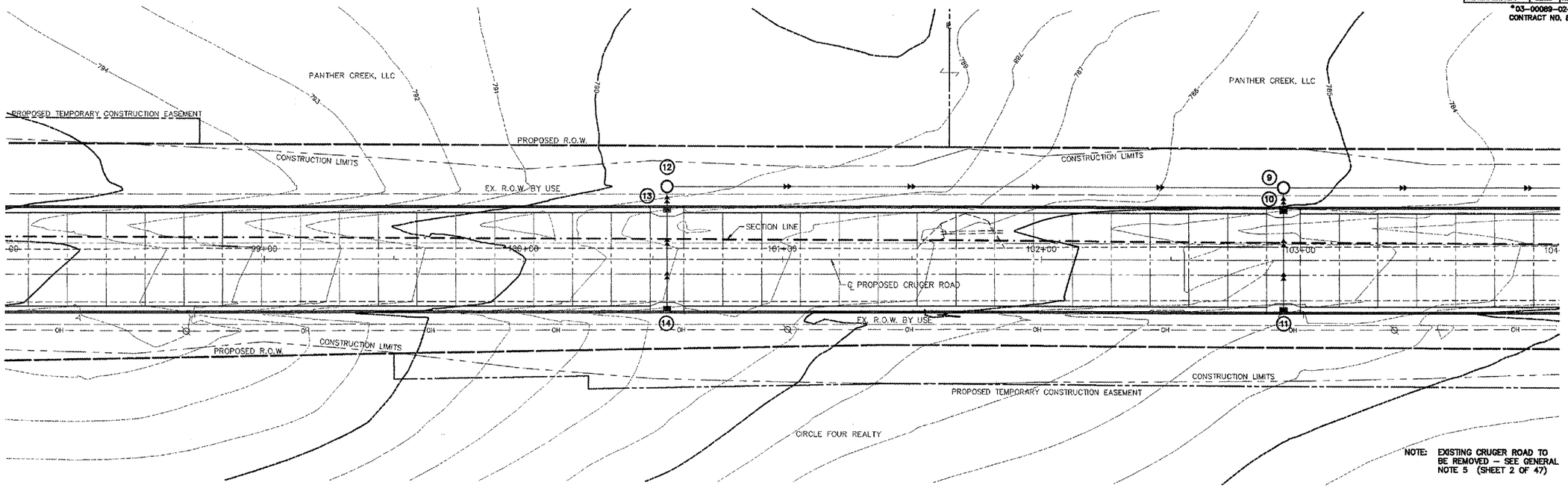
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 6 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	7
PROJ. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

*03-00089-02-PV
CONTRACT NO. 89349



NOTE: EXISTING CRUGER ROAD TO BE REMOVED – SEE GENERAL NOTE 5 (SHEET 2 OF 47)

(9) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 102+93.50
TOP CASTING 784.91 INV. 780.47 (12"E)
INV 780.57 (12"W) INV. 780.57 (12"S)

(10) INLET, TYPE G-1
19.33' LT. STA. 102+93.50
TOP/CURB 784.67 EDGE/PAVT 784.29
INV. 780.65 (12"N) INV. 780.75 (12"S)

(11) INLET, TYPE G-1
19.33' RT. STA. 102+93.50
TOP/CURB 784.67 EDGE/PAVT 784.29
INV. 781.13 (12"N)

(12) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 100+55.50
TOP CASTING 790.09
INV 785.69 (12"E) INV. 785.79 (12"S)

(13) INLET, TYPE G-1
19.33' LT. STA. 100+55.50
TOP/CURB 789.85 EDGE/PAVT 789.47
INV. 785.87 (12"N) INV. 785.97 (12"S)

(14) INLET, TYPE G-1
19.33' RT. STA. 100+55.50
TOP/CURB 789.85 EDGE/PAVT 789.47
INV. 786.35 (12"N)

(6)–(9) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
238 FT. @ 2.15%

(9)–(10) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(10)–(11) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

(9)–(12) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
238 FT. @ 2.15%

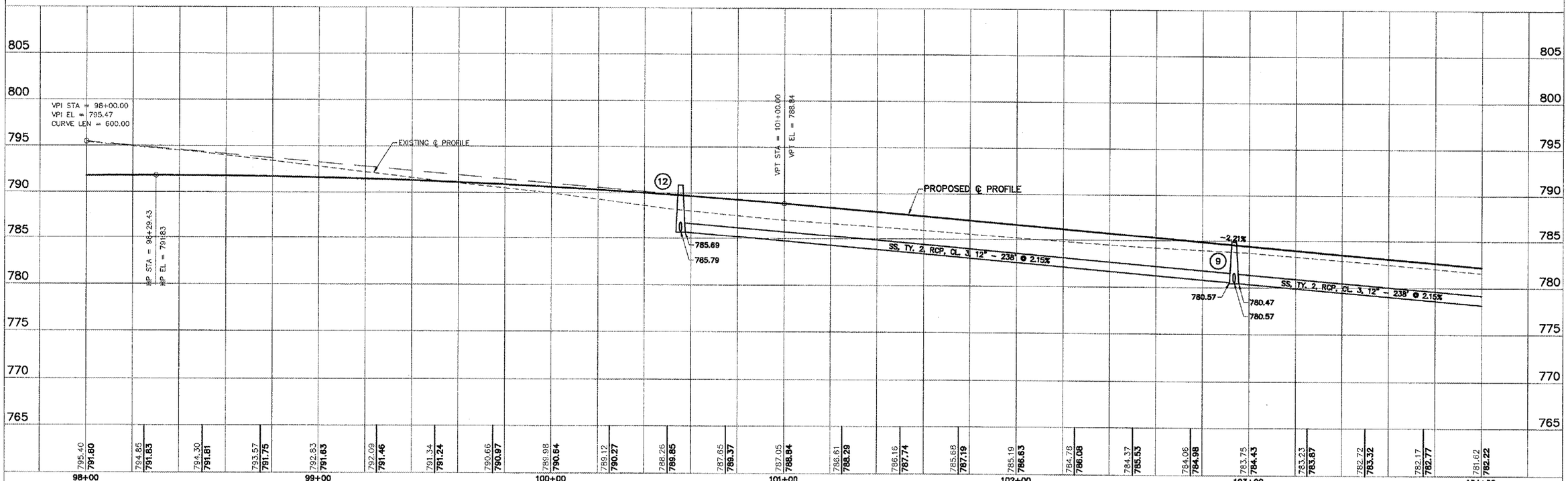
(12)–(13) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(13)–(14) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER



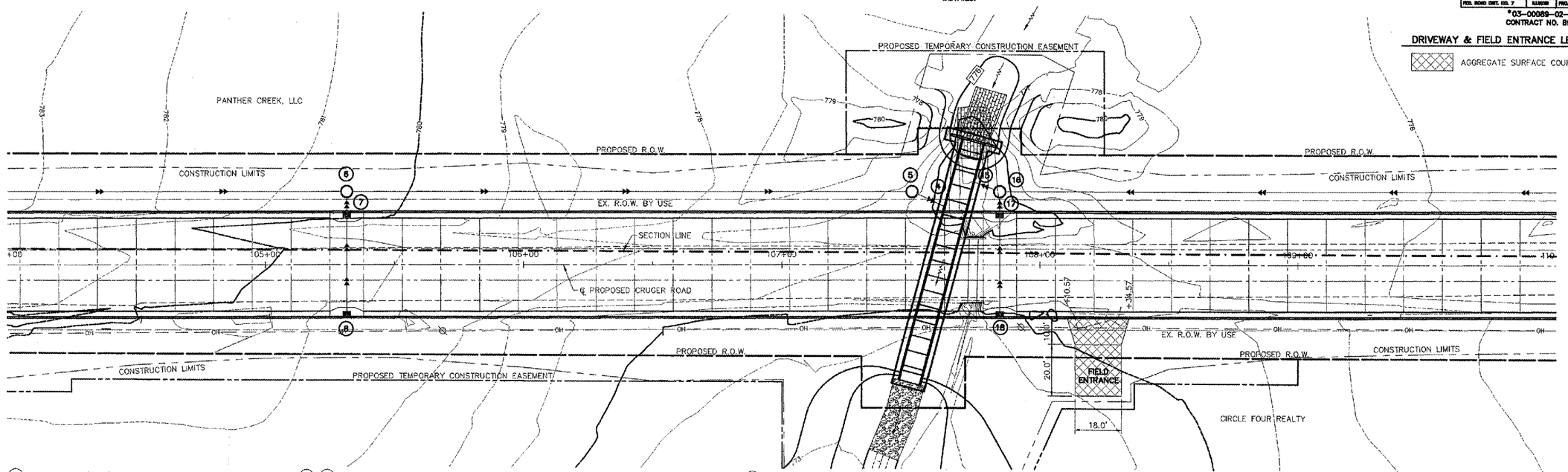
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 9737	*	TAZEWELL	47	8
PED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

*03-00089-02-PV
CONTRACT NO. 89349

NOTE: SEE SHEETS 27 AND 29 OF 47 FOR BOX CULVERT DETAILS.



DRIVEWAY & FIELD ENTRANCE LEGEND

AGGREGATE SURFACE COURSE, TYPE B, 8"

(4) CONNECT TO 8' x 4' PRECAST BOX CULVERT
INV. 772.82 (15"W)

(5) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 107+50.50 TOP CASTING 777.40
INV. 772.96 (15"E) 773.06 (15"W)

(6) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 105+31.50 TOP CASTING 779.73
INV. 775.25 (15"E) 775.35 (12"W)
INV. 775.35 (12"S)

(7) INLET, TYPE G-1
19.33' LT. STA. 105+31.50
TOP/CURB 779.49 EDGE/PAVT 779.11
INV. 775.43 (12'N) INV. 775.53 (12'S)

(8) INLET, TYPE G-1
19.33' RT. STA. 105+31.50
TOP/CURB 779.49 EDGE/PAVT 779.11
INV. 775.91 (12'N)

(4)-(5) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
14 FT. @ 1.00% TRENCH BACKFILL = 4 C.Y.

(5)-(6) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
219 FT. @ 1.00%

(6)-(7) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(7)-(8) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

(15) CONNECT TO 8' x 4' PRECAST BOX CULVERT
INV. 772.50 (15"W)

(16) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 107+84.50 TOP CASTING 777.36
INV. 772.61 (15"W) 772.71 (15"E)
INV. 773.06 (12"S)

(17) INLET, TYPE G-1
19.33' LT. STA. 107+84.50
TOP/CURB 777.12 EDGE/PAVT 776.74
INV. 773.14 (12'N) INV. 773.24 (12'S)

(18) INLET, TYPE G-1
19.33' RT. STA. 107+84.50
TOP/CURB 777.12 EDGE/PAVT 776.74
INV. 773.62 (12'N)

(15)-(16) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
11 FT. @ 1.00% TRENCH BACKFILL = 4 C.Y.

(16)-(17) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(17)-(18) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

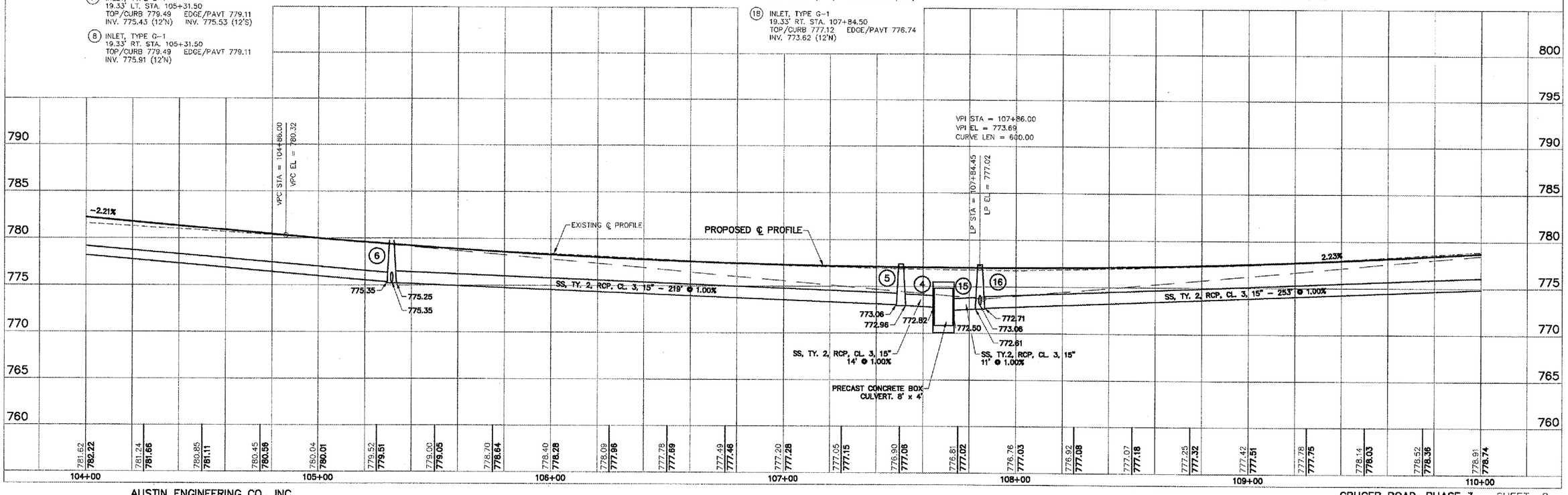
(16)-(19) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
253 FT. @ 1.00%

NOTE: EXISTING CRUGER ROAD TO BE REMOVED — SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER

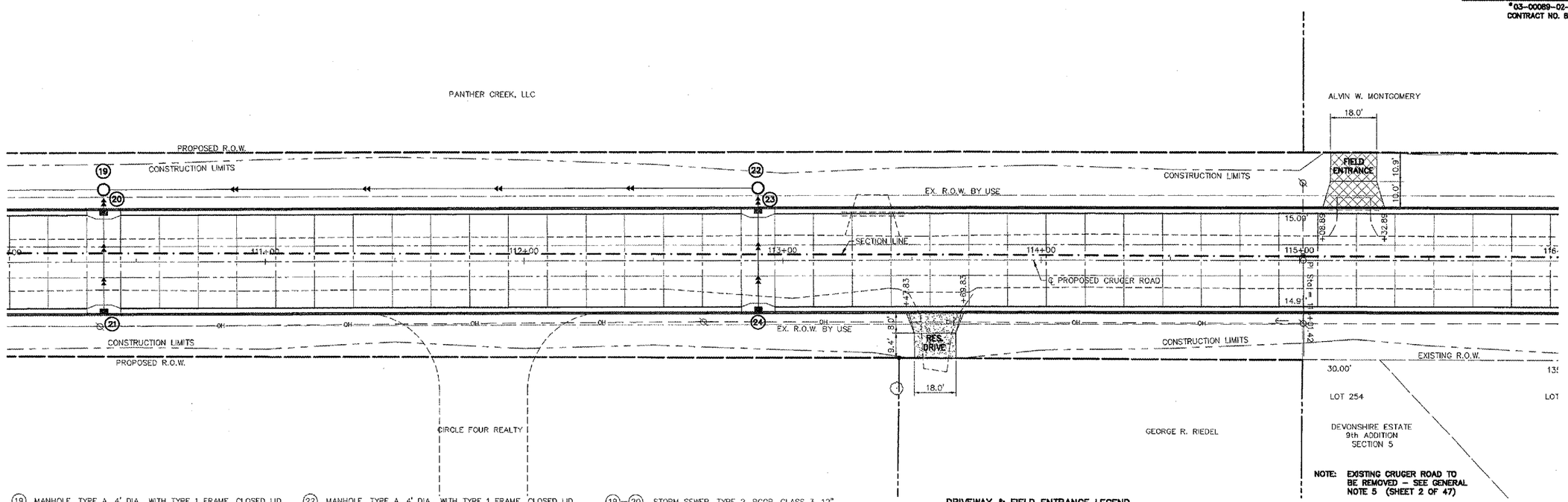


AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3 SHEET 8

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	9
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349



NOTE: EXISTING CRUGER ROAD TO BE REMOVED – SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER

(19) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 110+37.50 TOP/CASTING 779.73
INV. 775.24 (15"W) INV. 775.34 (12"E)
INV. 775.34 (12" S)

(20) INLET, TYPE G-1
19.33' LT. STA. 110+37.50
TOP/CURB 779.49 EDGE/PAVT 779.11
INV. 775.42 (12"N) INV. 775.52 (12"S)

(21) INLET, TYPE G-1
19.33' RT. STA. 110+37.50
TOP/CURB 779.49 EDGE/PAVT 779.11
INV. 775.90 (12"N)

(22) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 112+90.50 TOP/CASTING 785.18
INV. 780.78 (12"W) INV. 780.88 (12"S)

(23) INLET, TYPE G-1
19.33' LT. STA. 112+90.50
TOP/CURB 784.94 EDGE/PAVT 784.56
INV. 780.96 (12"N) INV. 781.06 (12"S)

(24) INLET, TYPE G-1
19.33' RT. STA. 112+90.50
TOP/CURB 784.94 EDGE/PAVT 784.56
INV. 781.44 (12"N)

(19)–(20) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(20)–(21) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

(19)–(22) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
253 FT. @ 2.15%

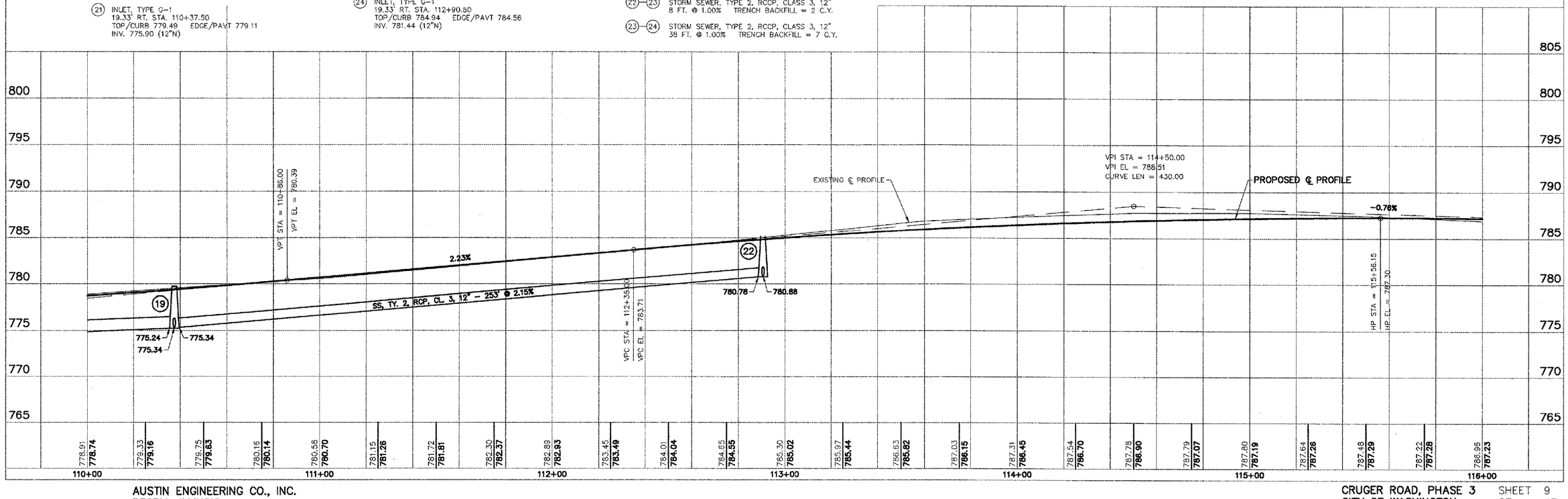
(22)–(23) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(23)–(24) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

DRIVEWAY & FIELD ENTRANCE LEGEND

AGGREGATE SURFACE COURSE, TYPE B, 8"

P.C.C. DRIVEWAY PAVEMENT, 6"



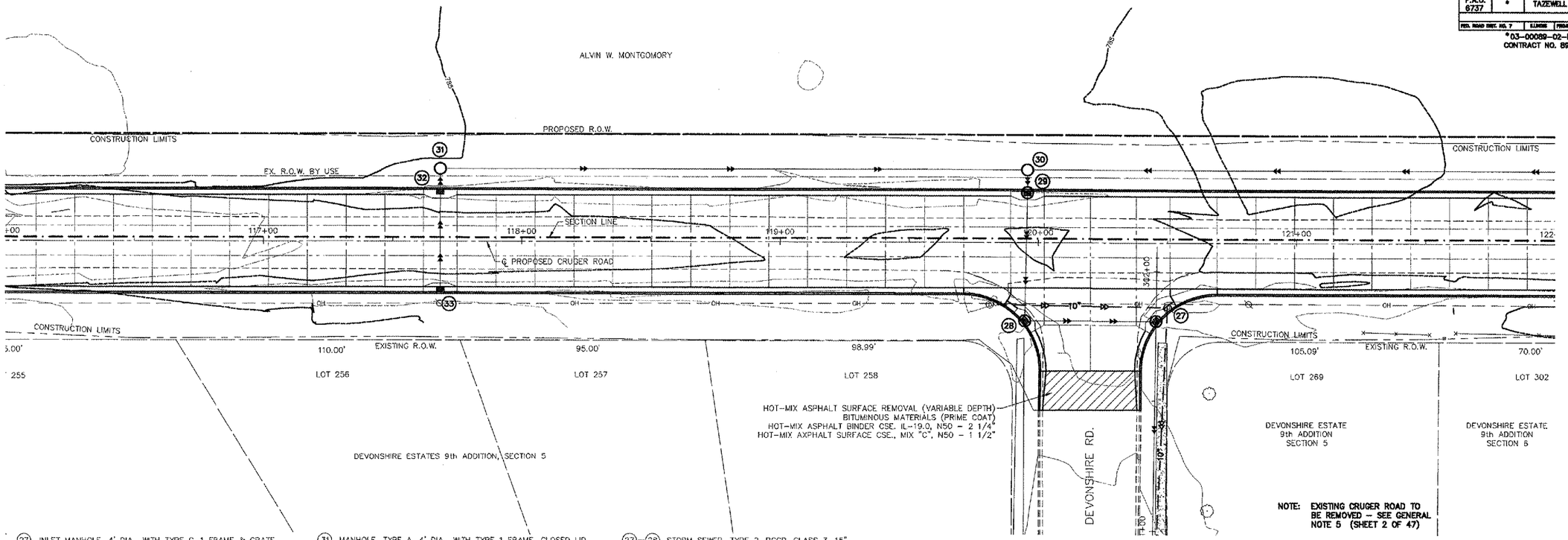
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 9 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	10
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

*03-00089-02-PV
CONTRACT NO. 89349



(27) INLET MANHOLE, 4' DIA., WITH TYPE G-1 FRAME & GRATE
30.57' RT. STA. 120+45.56
TOP/CURB 784.92 EDGE/PAVT 784.54
INV. 778.09 (18"S) INV. 778.19 (15"W)

(28) INLET MANHOLE, 4' DIA., WITH TYPE G-1 FRAME & GRATE
30.57' RT. STA. 119+94.75
TOP/CURB 784.90 EDGE/PAVT 784.52
INV. 778.77 (15"E) INV. 778.87 (15"N)

(29) INLET MANHOLE, 4' DIA., WITH TYPE G-1 FRAME & GRATE
19.33' LT. STA. 119+95.83
TOP/CURB 785.34 EDGE/PAVT 784.96
INV. 779.37 (15"S) INV. 779.47 (15"N)

(30) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 119+95.83 TOP/CASTING 785.58
INV. 779.55 (15"S) INV. 779.65 (15"E)
INV. 779.65 (12"W)

(31) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 117+68.50 TOP/CASTING 786.44
INV. 782.03 (12"E) INV. 782.13 (12"S)

(32) INLET, TYPE G-1
19.33' LT. STA. 117+68.50
TOP/CURB 786.20 EDGE/PAVT 785.82
INV. 782.21 (12"N) INV 782.31 (12"S)

(33) INLET, TYPE G-1
19.33' RT. STA. 117+68.50
TOP/CURB 786.20 EDGE/PAVT 785.82
INV. 782.69 (12"N)

(27)—(28) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
51 FT. @ 1.15% TRENCH BACKFILL = 42 C.Y.

(28)—(29) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
50 FT. @ 1.00% TRENCH BACKFILL = 30 C.Y.

(29)—(30) STORM SEWER, TYPE 3, RCCP, CLASS 3, 15"
8 FT. @ 1.00% TRENCH BACKFILL = 5 C.Y.

(30)—(31) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
227 FT. @ 1.05%

(31)—(32) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(32)—(33) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

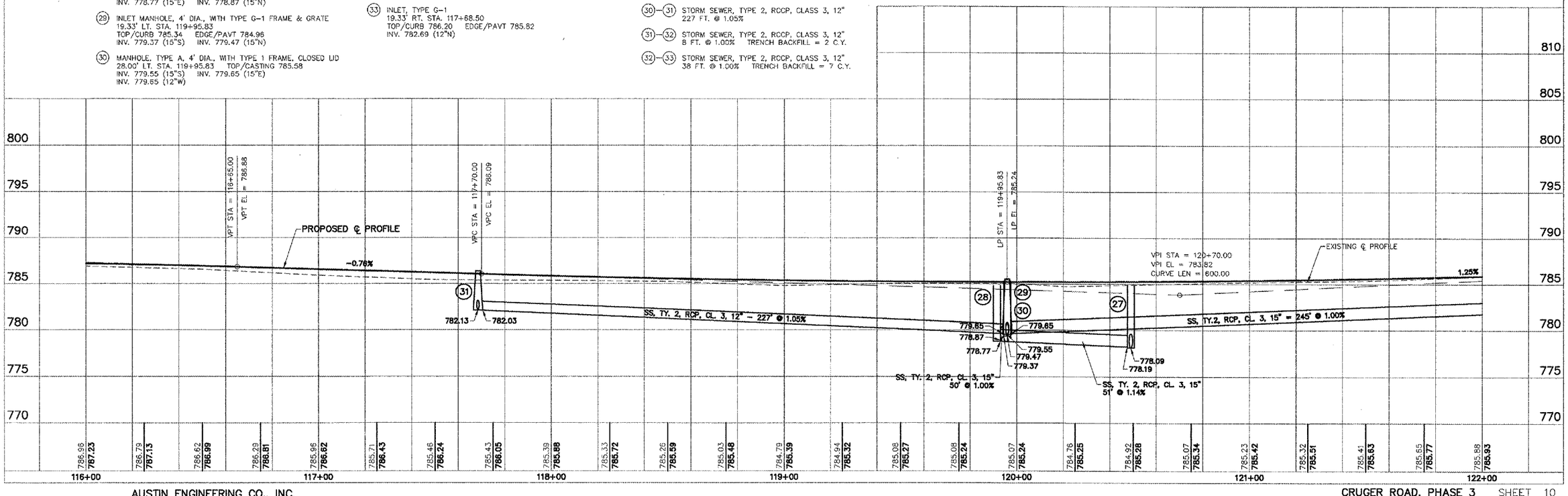
SEE SHEET 30 OF 47
FOR INTERSECTION DETAILS

NOTE: EXISTING CRUGER ROAD TO BE REMOVED – SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

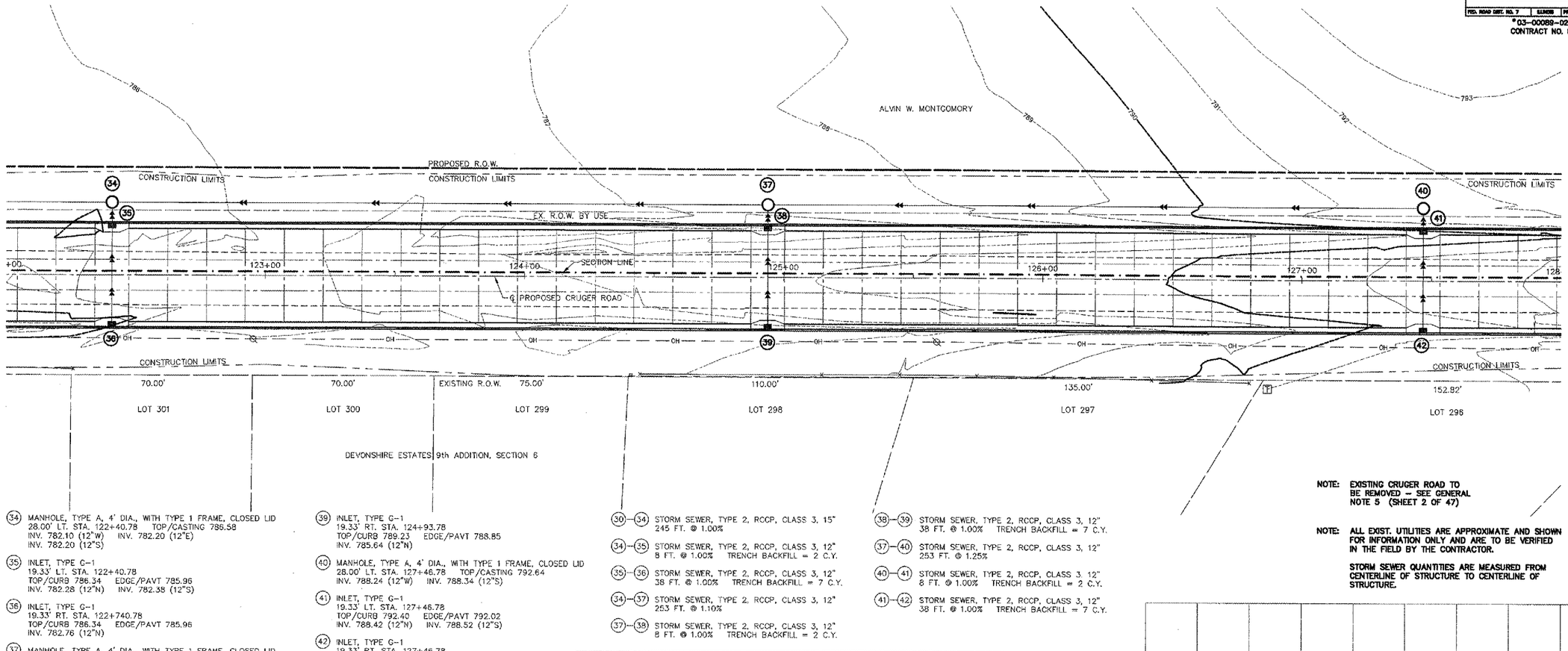
STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	11
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

*03-00089-02-PV
CONTRACT NO. 89349



(34) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 122+40.78 TOP/CASTING 786.58
INV. 782.10 (12"W) INV. 782.20 (12"E)
INV. 782.20 (12"S)

(35) INLET, TYPE G-1
19.33' LT. STA. 122+40.78
TOP/CURB 786.34 EDGE/PAVT 785.96
INV. 782.28 (12"N) INV. 782.38 (12"S)

(36) INLET, TYPE G-1
19.33' RT. STA. 122+740.78
TOP/CURB 786.34 EDGE/PAVT 785.96
INV. 782.76 (12"N)

(37) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 124+93.78 TOP/CASTING 789.47
INV. 784.98 (12"W) INV. 785.08 (12"E)
785.08 (12"S)

(38) INLET, TYPE G-1
19.33' LT. STA. 124+93.78
TOP/CURB 789.23 EDGE/PAVT 788.85
INV. 785.16 (12"N) INV. 785.26 (12"S)

(39) INLET, TYPE G-1
19.33' RT. STA. 124+93.78
TOP/CURB 789.23 EDGE/PAVT 788.85
INV. 785.64 (12"N)

(40) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 127+46.78 TOP/CASTING 792.64
INV. 788.24 (12"W) INV. 788.34 (12"S)

(41) INLET, TYPE G-1
19.33' LT. STA. 127+46.78
TOP/CURB 792.40 EDGE/PAVT 792.02
INV. 788.42 (12"N) INV. 788.52 (12"S)

(42) INLET, TYPE G-1
19.33' RT. STA. 127+46.78
TOP/CURB 792.40 EDGE/PAVT 792.02
INV. 788.90 (12"N)

(30)—(34) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
245 FT. @ 1.00%

(34)—(35) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(35)—(36) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

(34)—(37) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
253 FT. @ 1.10%

(37)—(38) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

(38)—(39) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

(37)—(40) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
253 FT. @ 1.25%

(40)—(41) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
8 FT. @ 1.00% TRENCH BACKFILL = 2 C.Y.

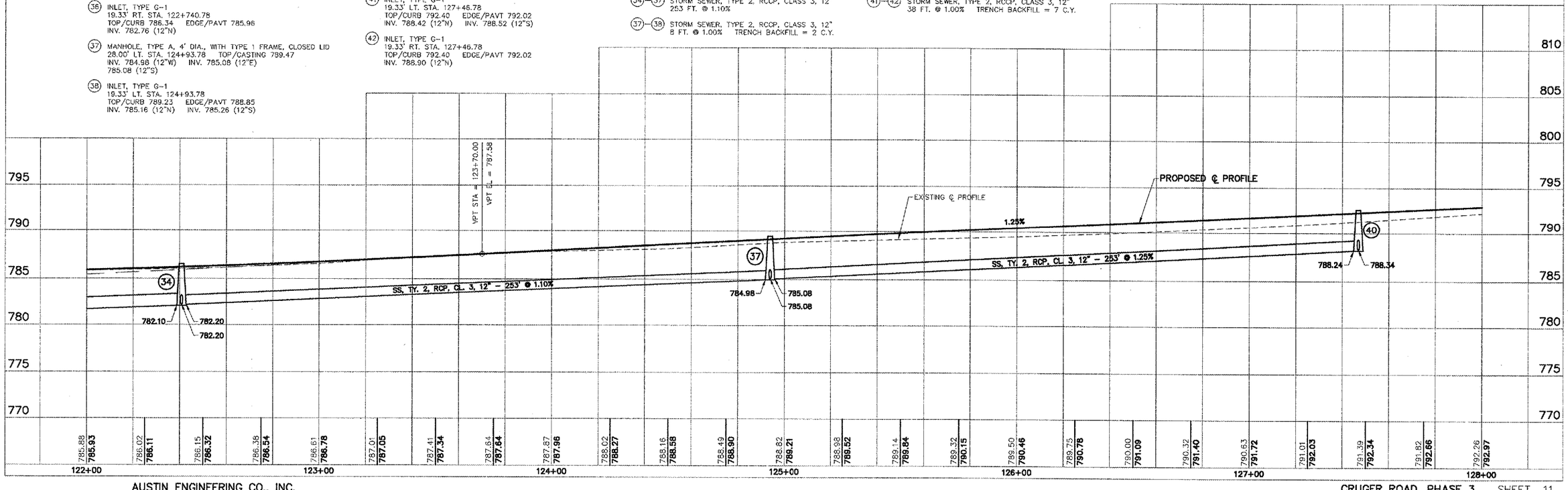
(41)—(42) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
38 FT. @ 1.00% TRENCH BACKFILL = 7 C.Y.

NOTE: EXISTING CRUGER ROAD TO BE REMOVED – SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER



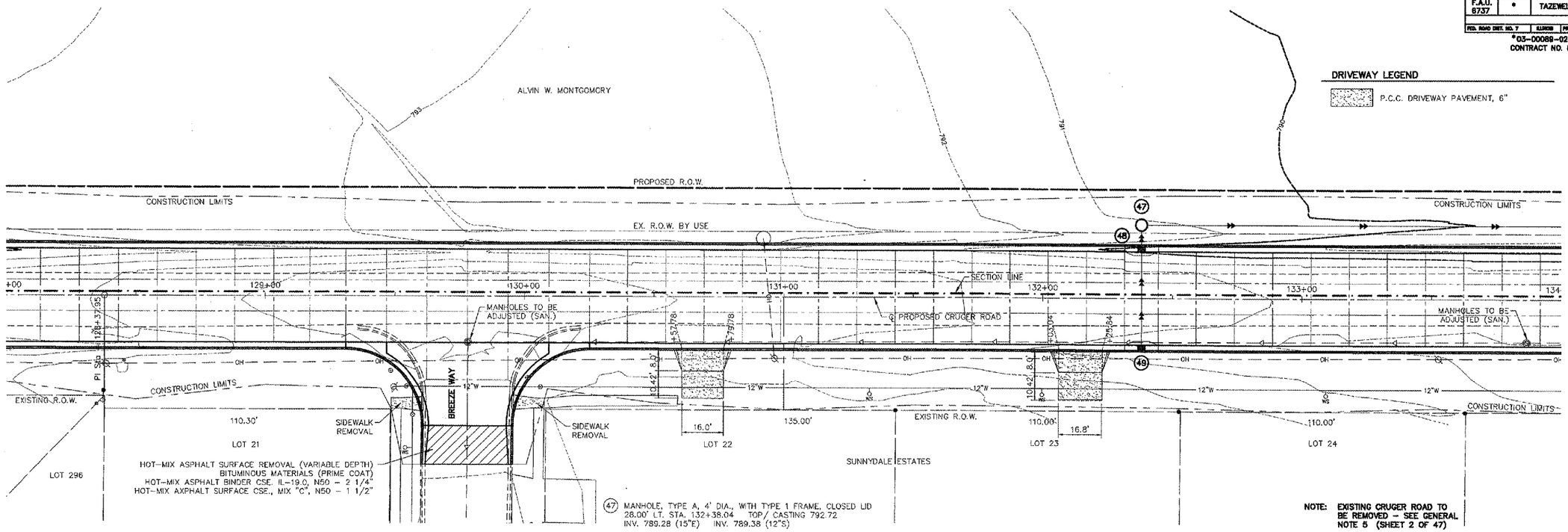
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 11
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 6737	*	TAZEWELL	47	12
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-3063-110	

*03-00088-02-PV
CONTRACT NO. 89349



DRIVEWAY LEGEND

P.C.C. DRIVEWAY PAVEMENT, 6"

SEE SHEET 30 OF 47 FOR INTERSECTION DETAILS

(47) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 132+38.04 TOP/ CASTING 792.72
INV. 789.28 (15"E) INV. 789.38 (12"S)

(48) INLET, TYPE G-1
19.33' LT. STA. 132+38.04
TOP/CURB 792.41 EDGE/PAVT 792.03
INV. 789.42 (12"N) INV. 789.52 (12"S)

(49) INLET, TYPE G-1
19.33' RT. STA. 132+38.04
TOP/CURB 792.41 EDGE/PAVT 792.03
INV. 789.71 (12"N)

(46)-(47) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
234 FT. @ 0.50%

(47)-(48) STORM SEWER, DUCTILE IRON, CLASS 50, 12"
8 FT. @ 0.50% TRENCH BACKFILL = 2 C.Y.

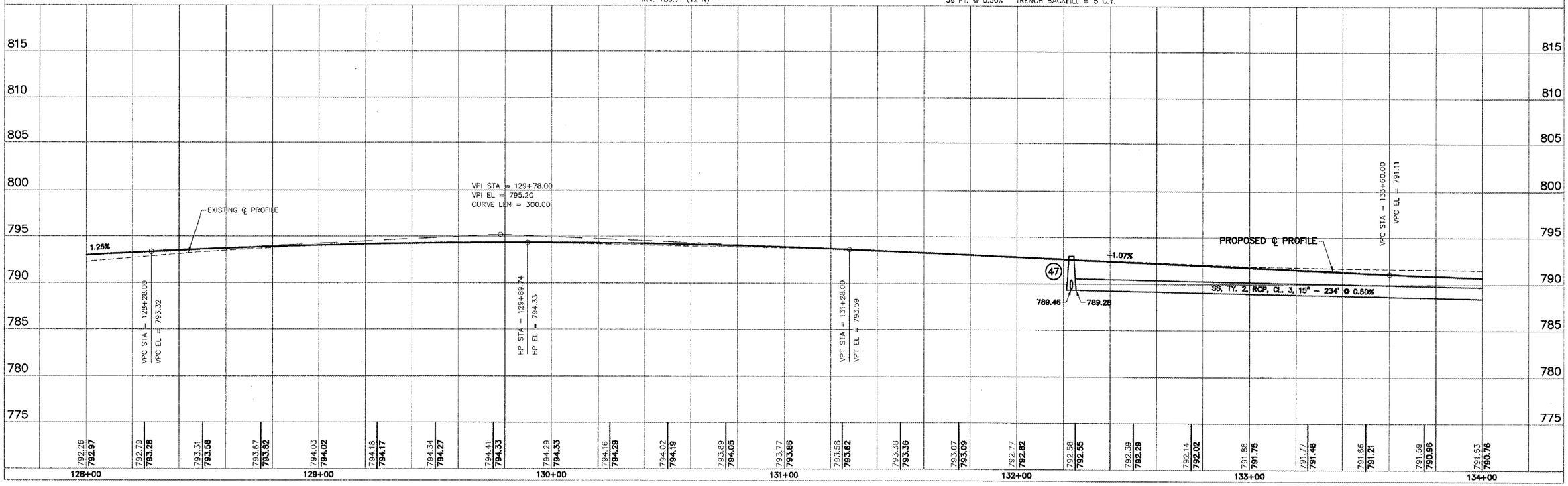
(48)-(49) STORM SEWER, DUCTILE IRON, CLASS 50, 12"
38 FT. @ 0.50% TRENCH BACKFILL = 5 C.Y.

NOTE: EXISTING CRUGER ROAD TO BE REMOVED - SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER



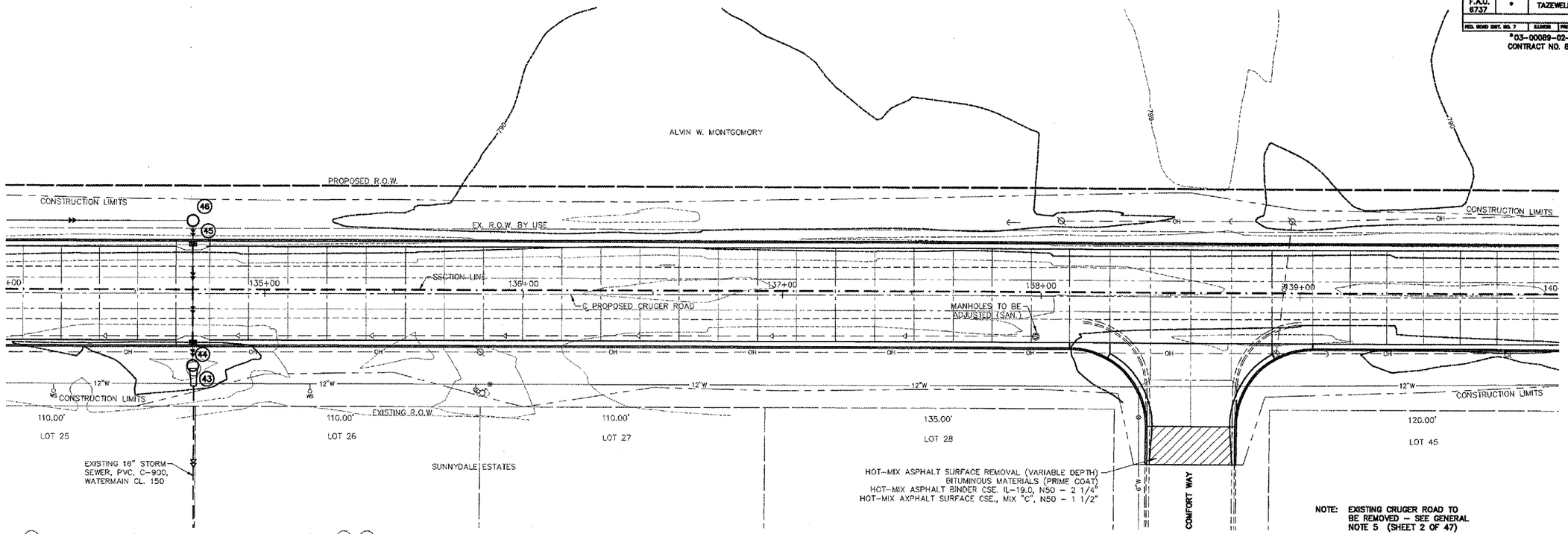
AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 12 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	13
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV
CONTRACT NO. 89349



(43) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' RT. STA. 134+72.19 TOP/CASTING 790.95
INV. 787.44 (EXISTING 16"S), INV. 787.54 (16"N)

(44) INLET, TYPE G-1
19.33' RT. STA. 134+72.19
TOP/CURB 790.62 EDGE/PAVT 790.24
INV. 787.58 (16"S) INV. 787.68 (14"N)

(45) INLET, TYPE G-1
19.33' LT. STA. 134+72.19
TOP/CURB 790.62 EDGE/PAVT 790.24
INV. 787.87 (14"S) INV. 787.97 (15"N)

(46) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 134+72.19 TOP/CASTING 790.93
INV. 788.01 (15"S) INV. 788.11 (15"W)

(43)-(44) STORM SEWER, DUCTILE IRON, CLASS 50, 14"
8 FT. @ 0.50% TRENCH BACKFILL = 2 C.Y.

(44)-(45) STORM SEWER, DUCTILE IRON, CLASS 50, 14"
38 FT. @ 0.50% TRENCH BACKFILL = 5 C.Y.

(45)-(46) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
8 FT. @ 0.50% TRENCH BACKFILL = 1 C.Y.

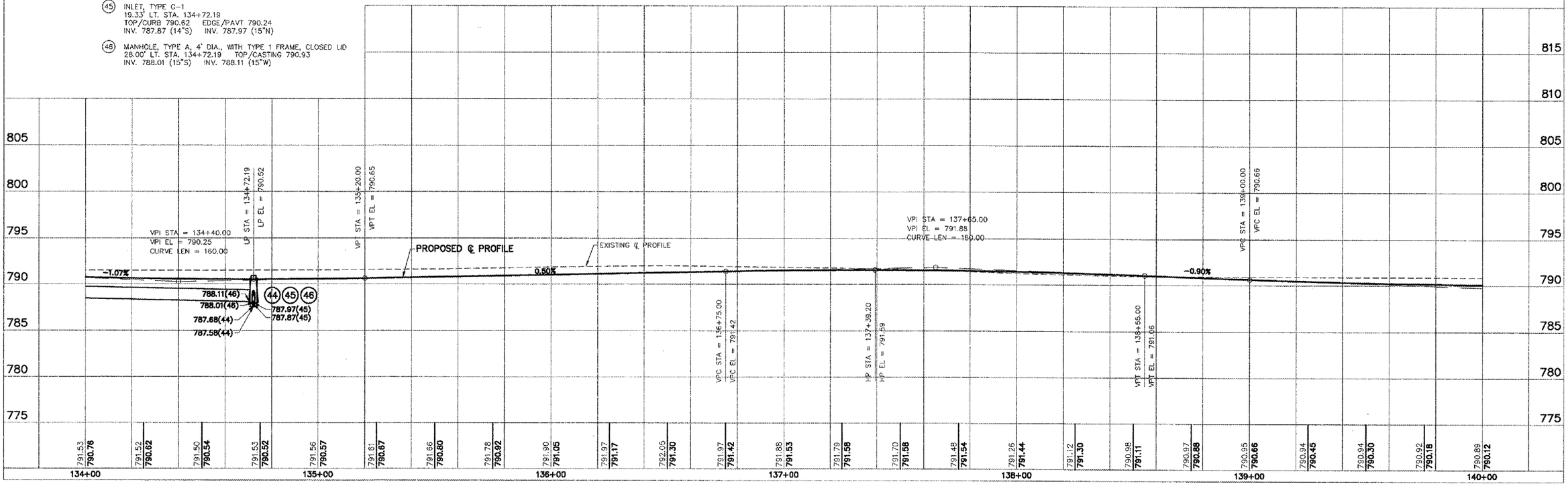
SEE SHEET 31 OF 47
FOR INTERSECTION DETAILS

NOTE: EXISTING CRUGER ROAD TO BE REMOVED – SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

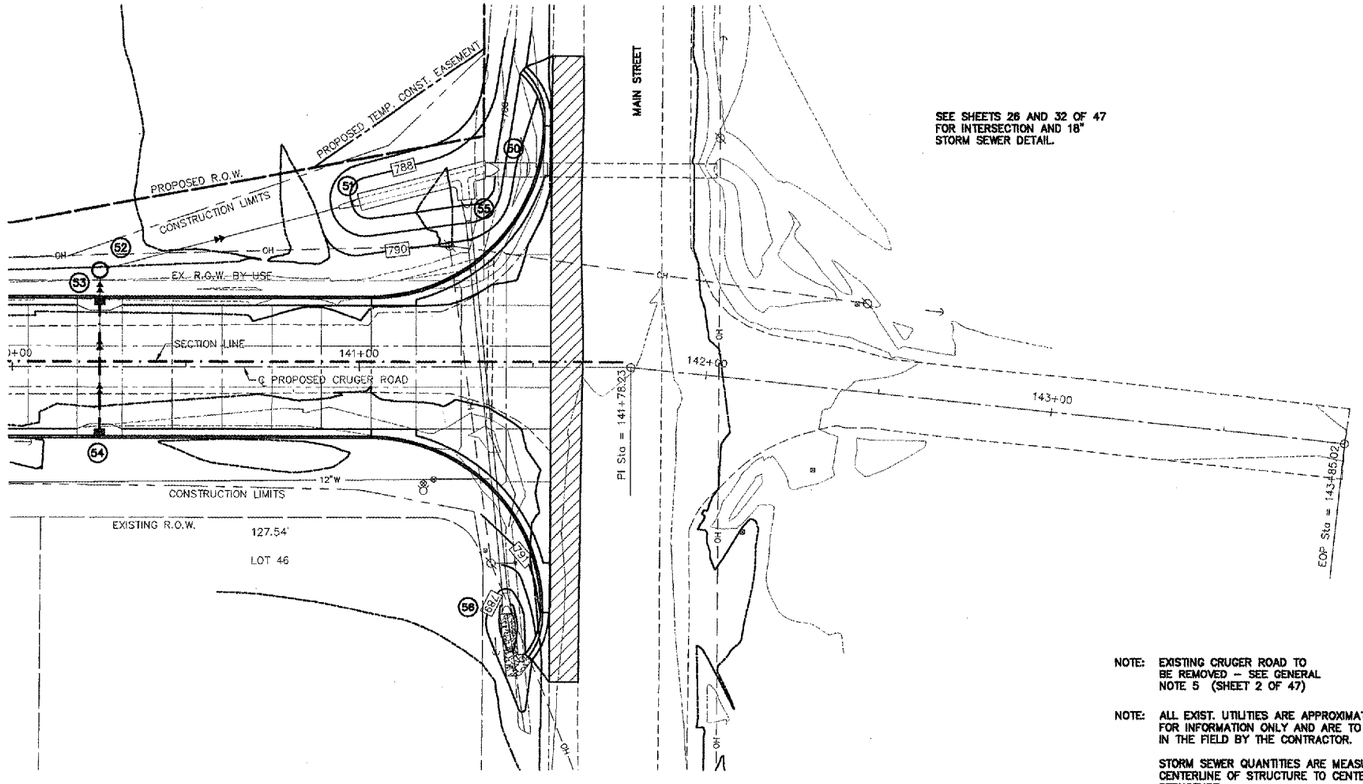
STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
1" = 20' HOR
1" = 5' VER



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	14
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349



SEE SHEETS 26 AND 32 OF 47
FOR INTERSECTION AND 18"
STORM SEWER DETAIL.

NOTE: EXISTING CRUGER ROAD TO BE REMOVED – SEE GENERAL NOTE 5 (SHEET 2 OF 47)

NOTE: ALL EXIST. UTILITIES ARE APPROXIMATE AND SHOWN FOR INFORMATION ONLY AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

STORM SEWER QUANTITIES ARE MEASURED FROM CENTERLINE OF STRUCTURE TO CENTERLINE OF STRUCTURE.

SCALES:
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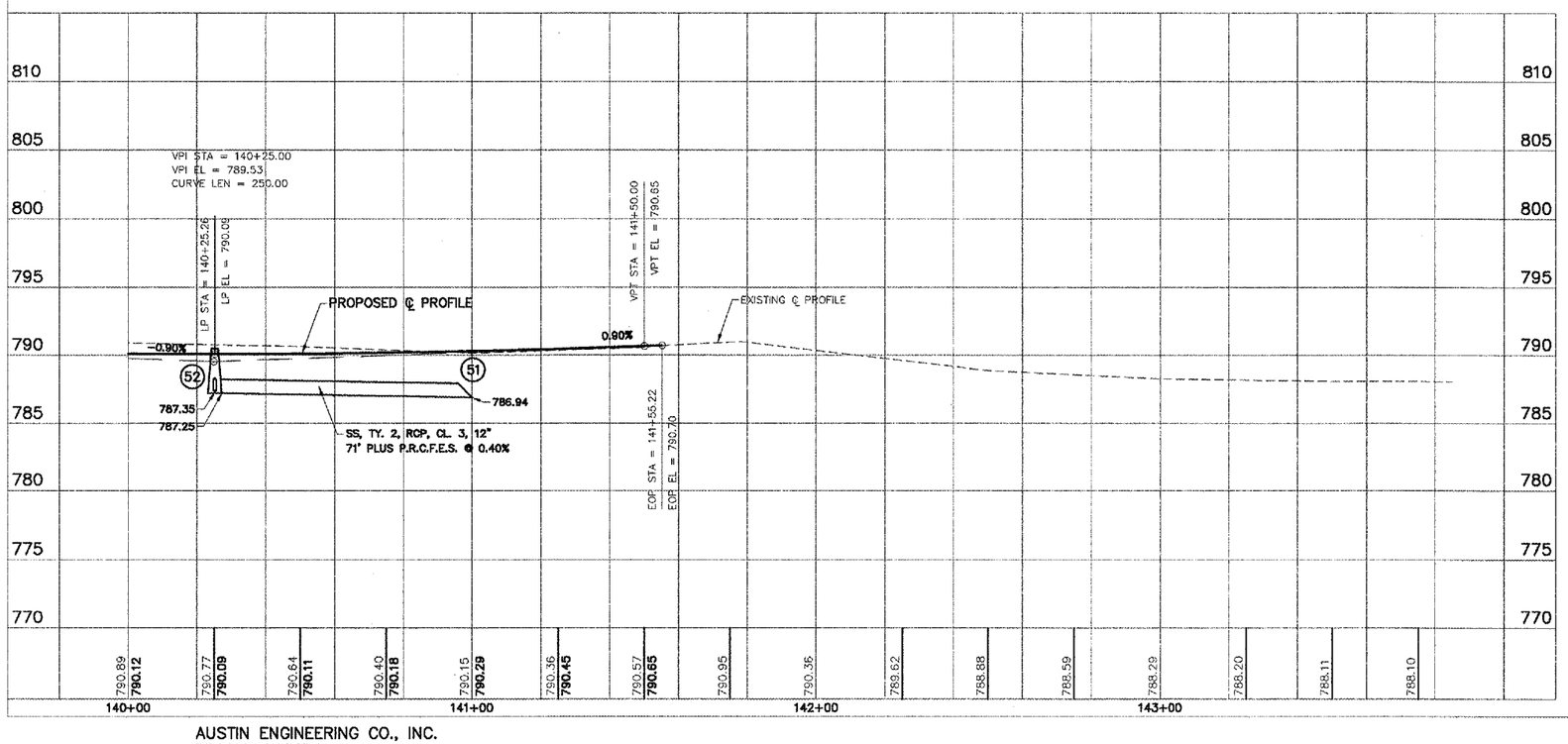


(50) SALVAGE & REINSTALL 4' x 2' PRECAST BOX CULVERT END SECTION
INV. 786.75

(51) PRECAST REINFORCED CONCRETE FLARED END SECTION, 12"
47.53' LT. STA. 141+00.00
INV. 786.94

(52) MANHOLE, TYPE A, 4' DIA., WITH TYPE 1 FRAME, CLOSED LID
28.00' LT. STA. 140+25.26 TOP/CASTING 790.50
INV. 787.25 (12"NE) INV. 787.35 (12"S)

(53) INLET, TYPE G-1
19.33' LT. STA. 140+25.26
TOP/CURB 790.19 EDGE/PAVT 787.48 (12"S
INV. 787.38 (12"N) INV. 787.48 (12"S)

(54) INLET, TYPE G-1
19.33' RT. STA. 140+25.26
TOP/CURB 790.19 EDGE/PAVT 789.81
INV. 787.63 (12"N)

(55) PRECAST REINFORCED CONCRETE FLARED END SECTION , 15"
48.16' LT. STA. 141+30.76
INV. 787.04

(56) PRECAST REINFORCED CONCRETE FLARED END SECTION, 15"
71.25' RT. STA. 141+42.63
INV. 787.46

(50) 4' x 2' PRECAST BOX CULVERT, M 273
12 FT. @ 0.50%

(51)-(52) STORM SEWER, TYPE 2, RCCP, CLASS 3, 12"
71 FT. PLUS P.R.C.F.E.S. @ 0.40%

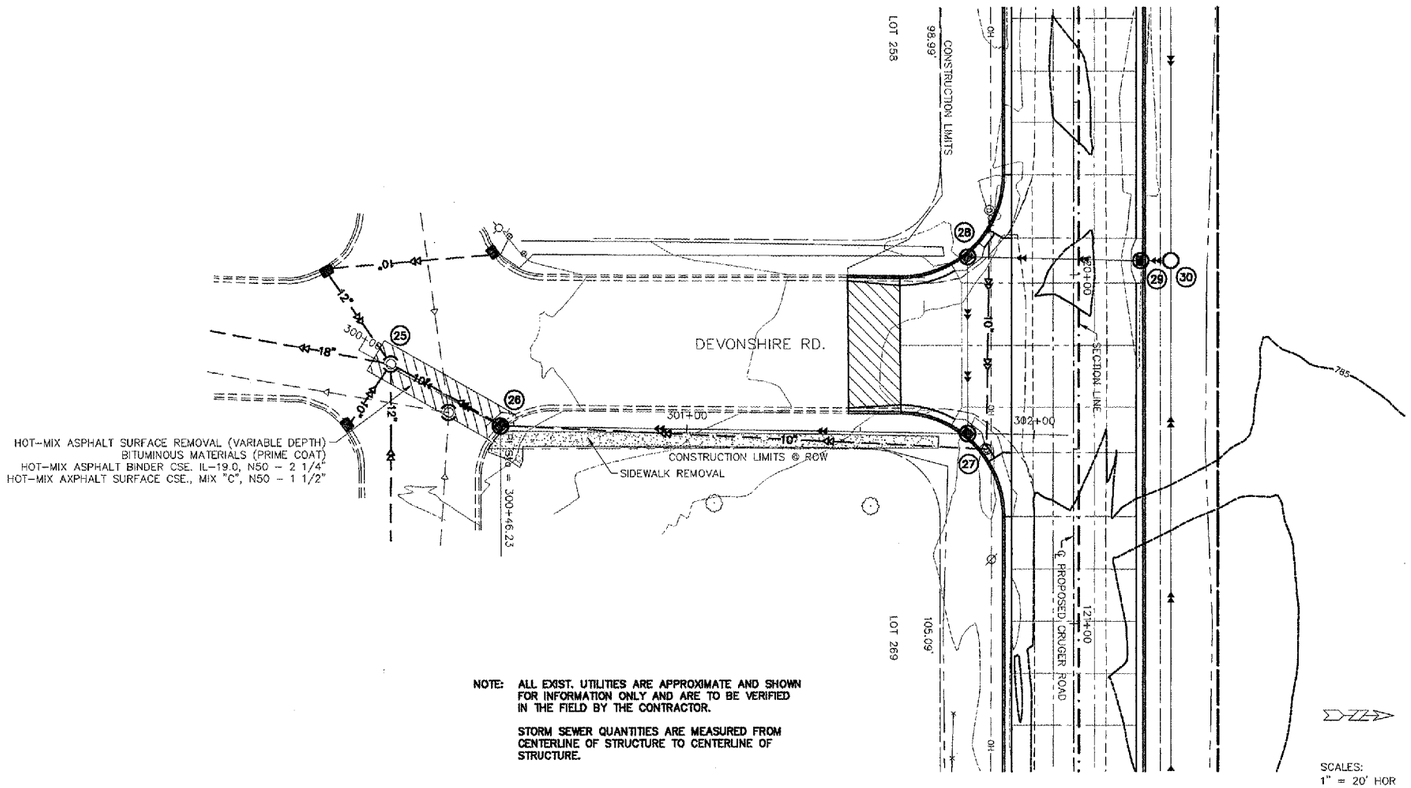
(52)-(53) STORM SEWER, DUCTILE IRON, CLASS 50, 12"
8 FT. @ 0.40% TRENCH BACKFILL = 2 C.Y.

(53)-(54) STORM SEWER, DUCTILE IRON, CLASS 50, 12"
38 FT. @ 0.40% TRENCH BACKFILL = 5 C.Y.

(55)-(56) STORM SEWER, TYPE 2, RCCP, CLASS 3, 15"
108 FT. PLUS 2 P.R.C.F.E.S. @ 0.35%
TRENCH BACKFILL = 13 C.Y.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	15
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349



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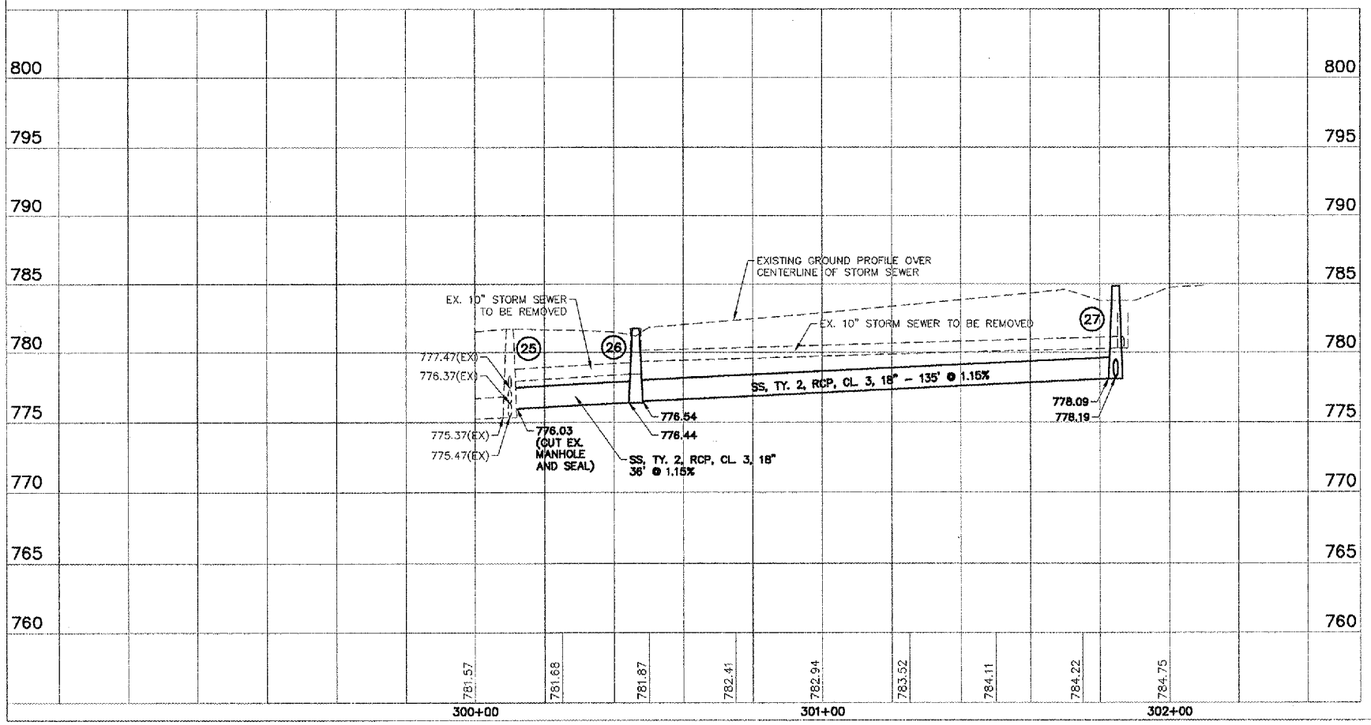


(25) CONNECT TO EXISTING STORM MANHOLE
CENTERLINE STA. 300+10.00
EX. TOP/CASTING 781.77
INV. 775.37 (EX.18"S) INV. 775.47 (EX.12"E)
INV. 776.37 (EX.12"SW) INV. 777.47 (EX.10"SE)
INV. 777.97 (EX.10"NE) INV. 776.03 (15"NE)

(26) INLET MANHOLE, TYPE G-1, 4' DIA.
CENTERLINE STA. 300+46.23
TOP/CURB 781.81 EDGE/PAVT 781.34
INV. 776.44 (18"SE) INV. 776.54 (18"N)

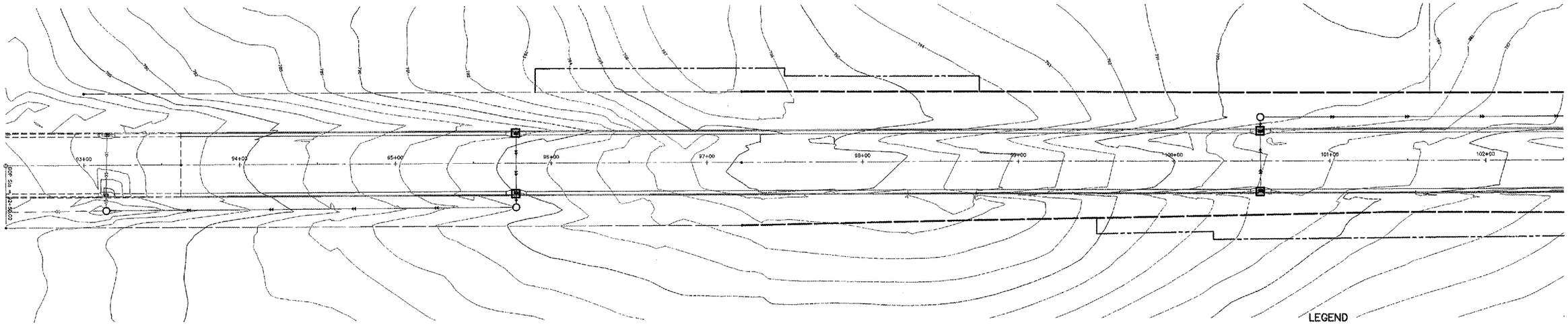
(27) INLET MANHOLE, TYPE G-1, 4' DIA.
CENTERLINE STA 301+80.90 =
30.57' RT. STA. 120+45.56
TOP/CURB 784.92 EDGE/PAVT 784.54
778.09 (18"S) INV. 778.19 (15"W)

(25)-(26) STORM SEWER, TYPE 3, RCOP, CLASS 3, 18"
36 FT. @ 1.15% TRENCH BACKFILL = 15 C.Y.

(26)-(27) STORM SEWER, TYPE 2, RCOP, CLASS 3, 18"
135 FT. @ 1.15% TRENCH BACKFILL = 90 C.Y.

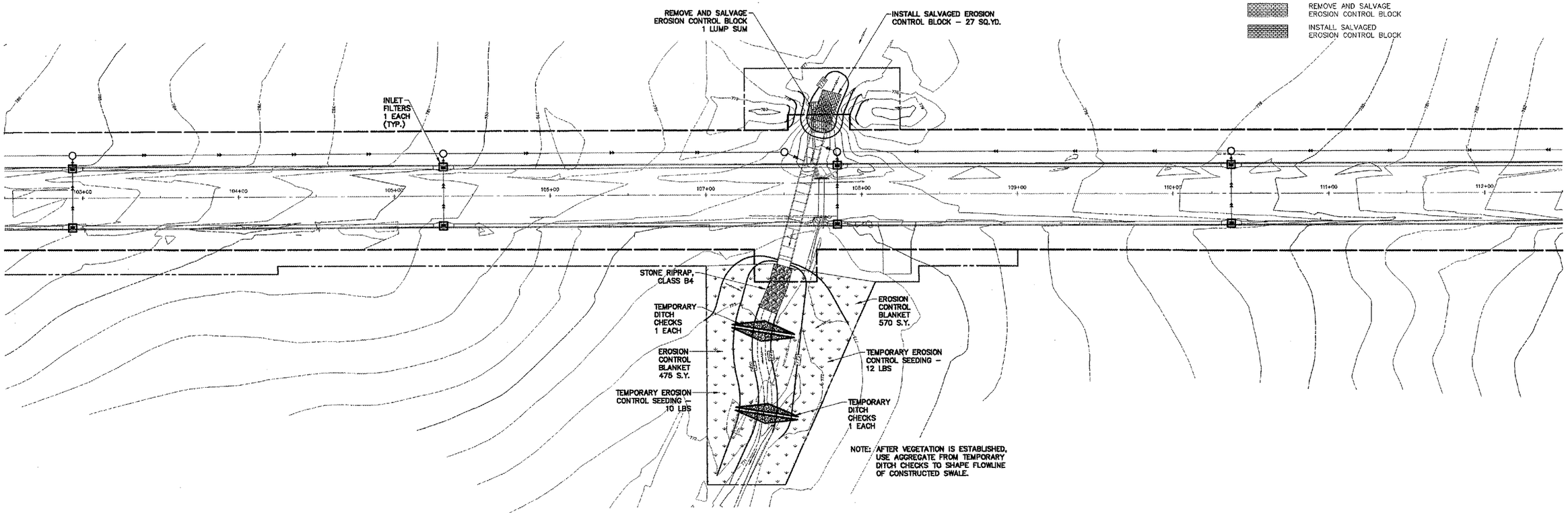
HIGHWAY NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	16
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349



LEGEND

- INLET FILTERS
- STONE RIPRAP, CLASS B4
- SF — PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY DITCH CHECKS
- REMOVE AND SALVAGE EROSION CONTROL BLOCK
- INSTALL SALVAGED EROSION CONTROL BLOCK



EROSION CONTROL
CRUGER ROAD, PHASE 3

FOR: CITY OF WASHINGTON

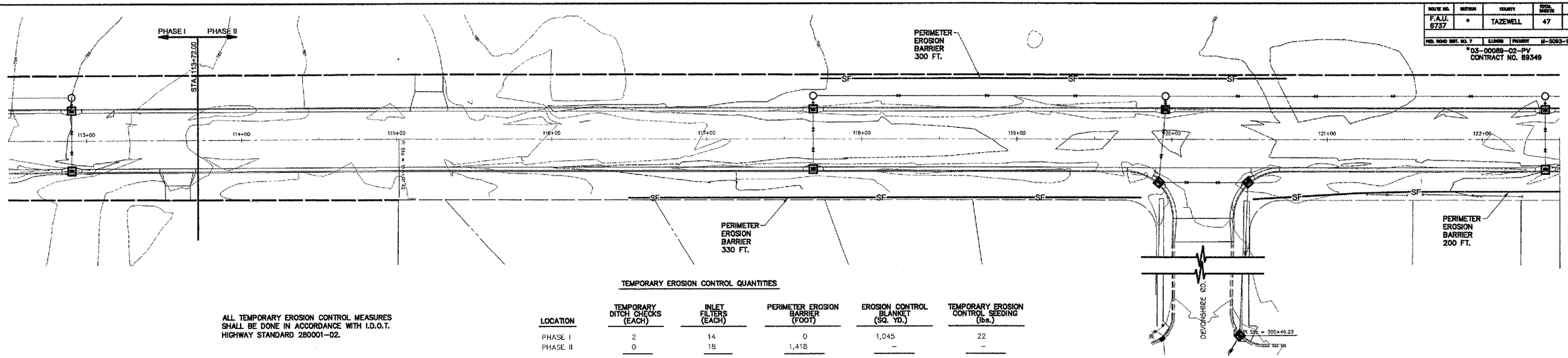
DATE 12/16/05 SCALE 1" = 30' BOOK

AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

REVISED 07/25/06 REVISED PROJECT NUMBER 20-05-004
REVISED REVISED SHEET NO. 16 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	17
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

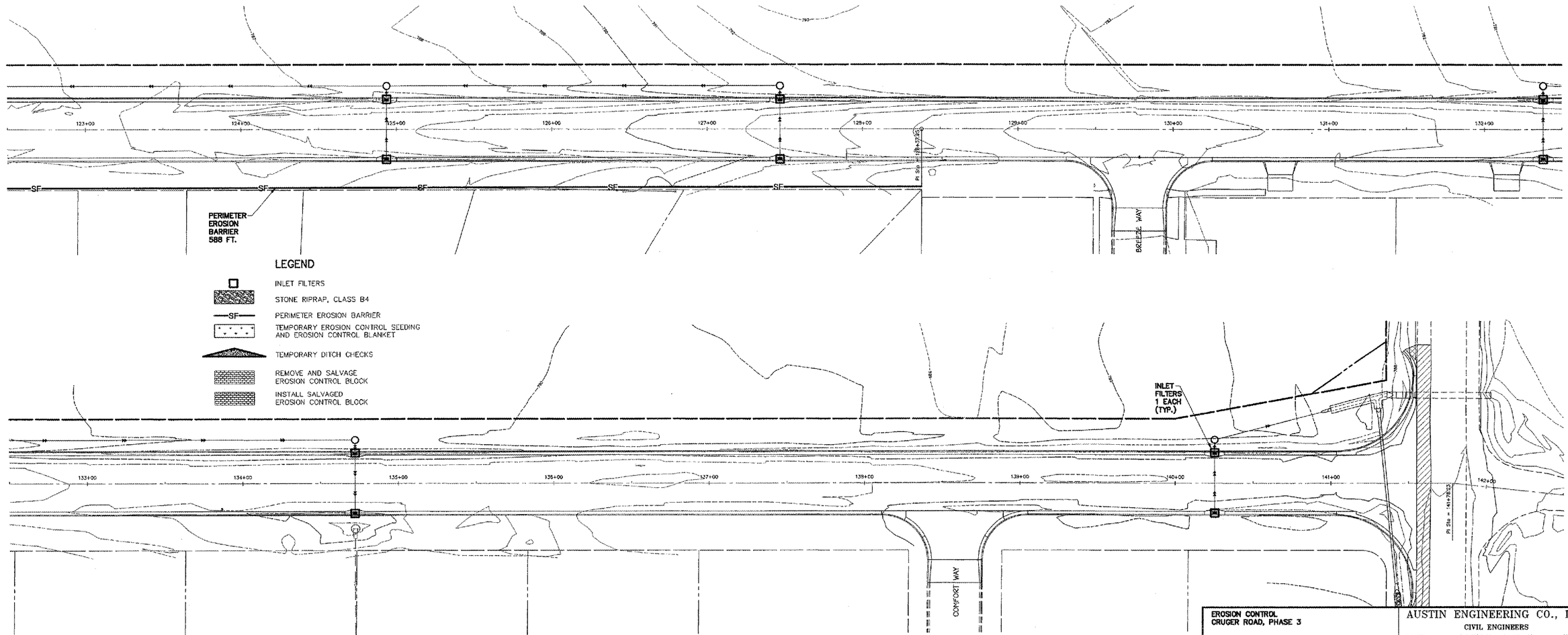
*03-00089-02-PV
CONTRACT NO. 89349



ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE DONE IN ACCORDANCE WITH I.D.O.T. HIGHWAY STANDARD 280001-02.

TEMPORARY EROSION CONTROL QUANTITIES

LOCATION	TEMPORARY DITCH CHECKS (EACH)	INLET FILTERS (EACH)	PERIMETER EROSION BARRIER (FOOT)	EROSION CONTROL BLANKET (SQ. YD.)	TEMPORARY EROSION CONTROL SEEDING (lbs.)
PHASE I	2	14	0	1,045	22
PHASE II	0	18	1,418	–	–
TOTALS	2 EA.	32 EA.	1,418 FT.	1,045 S.Y.	22 lbs.



LEGEND

- INLET FILTERS
- STONE RIPRAP, CLASS B4
- SF — PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY DITCH CHECKS
- REMOVE AND SALVAGE EROSION CONTROL BLOCK
- INSTALL SALVAGED EROSION CONTROL BLOCK

EROSION CONTROL
CRUGER ROAD, PHASE 3

FOR: CITY OF WASHINGTON

DATE 12/16/05 | SCALE 1" = 30' | BOOK

AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

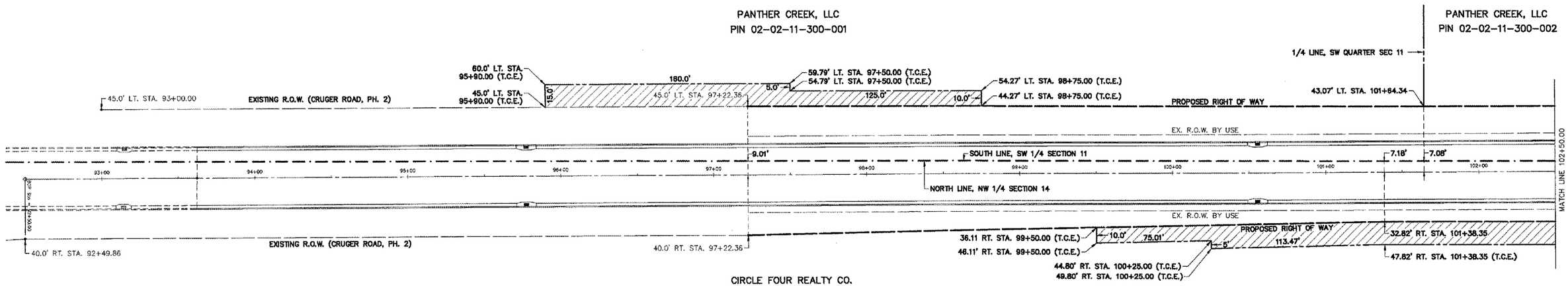
REVISED 07/25/06 | REVISED | REVISED

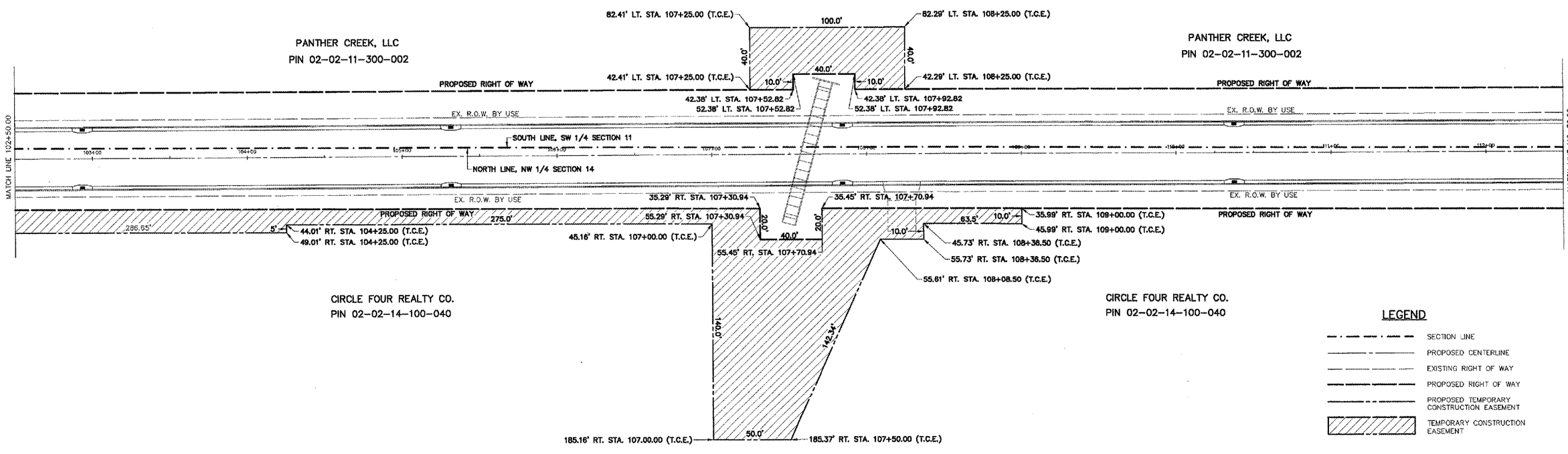
PROJECT NUMBER 20-05-004

SHEET NO. 17 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	18
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349





LEGEND

- SECTION LINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

RIGHT OF WAY PLANS
CRUGER ROAD, PHASE 3

FOR: CITY OF WASHINGTON

DATE 12/16/05 | SCALE 1" = 30' | BOOK

AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

REVISED 07/25/06 | REVISED | REVISED | PROJECT NUMBER 20-05-004

SHEET NO. 18 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	19
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV
CONTRACT NO. 89349

PANTHER CREEK, LLC
PIN 02-02-11-300-002

EAST LINE, SW 1/4 SECTION 11 — WEST LINE, SE 1/4 SECTION 11

41.50' LT. STA. 115+01.57

NORTH 1/4 CORNER OF SECTION 14 &
SOUTH 1/4 CORNER OF SECTION 11
N = 452687.20
E = 301238.46

ALVIN W. MONTGOMERY
PIN 02-02-11-400-004

PROPOSED RIGHT OF WAY

EX. R.O.W. BY USE

MATCH LINE 112+50.00

2.15'

SOUTH LINE, SW 1/4 SECTION 11

NORTH LINE, NW 1/4 SECTION 14

1.50'

Pt Sta = 115+01.57

SOUTH LINE, SE 1/4 SECTION 11

NORTH LINE, NE 1/4 SECTION 14

MATCH LINE 122+50.00

EX. R.O.W. BY USE

37.85' RT. STA. 113+44.92

PROPOSED RIGHT OF WAY

38.50' RT. STA. 115+00.93

EXISTING RIGHT OF WAY

DEVONSHIRE RD.

EXISTING RIGHT OF WAY

DEVONSHIRE ESTATES
9th ADDITION, SECTION 5

DEVONSHIRE ESTATES
9th ADDITION, SECTION 6

EAST LINE, NW 1/4 SECTION 14 — WEST LINE, NE 1/4 SECTION 14

CIRCLE FOUR REALTY CO.
PIN 02-02-14-100-040

GEORGE R. RIEDEL
PIN 02-02-14-100-012

ALVIN W. MONTGOMERY
PIN 02-02-11-400-004

NORTH 1/4 CORNER, NE 1/4 OF SECTION 14 &
SOUTH 1/4 CORNER, SE 1/4 OF SECTION 11
N = 452685.52
E = 302574.99

41.50' LT. STA. 128+37.95

PROPOSED RIGHT OF WAY

EX. R.O.W. BY USE

MATCH LINE 122+50.00

SOUTH LINE, SE 1/4 SECTION 11

NORTH LINE, NE 1/4 SECTION 14

1.50'

Pt Sta = 128+37.95

MATCH LINE 132+50.00

38.50' RT. STA. 128+37.95 (EX.)

43.50' RT. STA. 128+37.95 (EX.)

1/4 LINE, NE QUARTER SEC 14

BREEZE WAY

EXISTING RIGHT OF WAY

DEVONSHIRE ESTATES 9th ADDITION, SECTION 6

EXISTING RIGHT OF WAY

SUNNYDALE ESTATES

FURNISHING AND ERECTING RIGHT-OF-WAY-MARKERS

LOCATION	QUANTITY
43.07' LT. STA. 101+64.34	1
42.38' LT. STA. 107+52.82	1
52.38' LT. STA. 107+52.82	1
52.38' LT. STA. 107+92.82	1
42.38' LT. STA. 107+92.82	1
41.50' LT. STA. 128+37.95	1
41.50' LT. STA. 140+00.00	1
66.50' LT. STA. 141+35.85	1
32.82' RT. STA. 101+38.35	1
35.29' RT. STA. 107+30.94	1
55.29' RT. STA. 107+30.94	1
55.45' RT. STA. 107+70.94	1
35.45' RT. STA. 107+70.94	1
37.85' RT. STA. 113+44.92	1
38.50' RT. STA. 115+00.93	1
PROJECT TOTAL	15

LEGEND

- SECTION LINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT

ALVIN W. MONTGOMERY
PIN 02-02-11-400-004

91.50' LT. STA. 141+35.85 (T.C.E.)

57.45' LT. STA. 140+86.65 (T.C.E.)

66.50' LT. STA. 141+35.85

41.50' LT. STA. 140+00.00

PROPOSED RIGHT OF WAY

EX. R.O.W. BY USE

NORTHEAST CORNER, SECTION 14 &
SOUTHEAST CORNER, SECTION 11
N = 452683.77
E = 303912.88

MATCH LINE 132+50.00

SOUTH LINE, SE 1/4 SECTION 11

NORTH LINE, NE 1/4 SECTION 14

1.50'

Pt Sta = 141+78.04

COMFORT WAY

EXISTING RIGHT OF WAY

SUNNYDALE ESTATES

EXISTING RIGHT OF WAY

SUNNYDALE ESTATES

RIGHT OF WAY PLANS
CRUGER ROAD, PHASE 3

FOR: CITY OF WASHINGTON

DATE 12/16/05 | SCALE 1" = 30' | BOOK

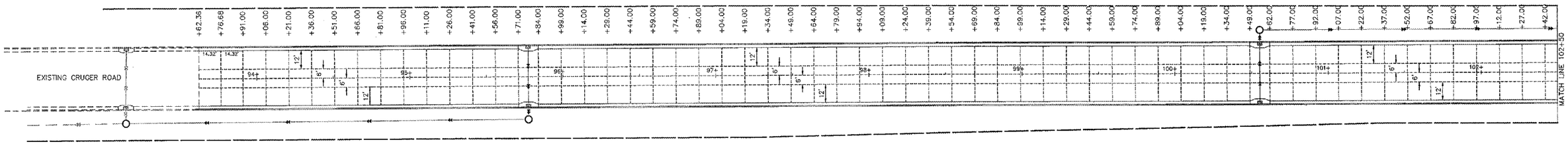
AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

REVISED 07/25/06 | REVISED | REVISED | PROJECT NUMBER 20-05-004

REVISED | REVISED | SHEET NO. 19 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	20
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349

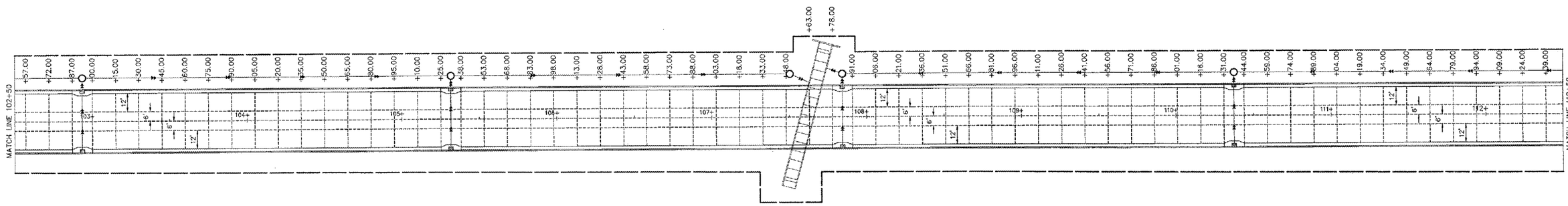


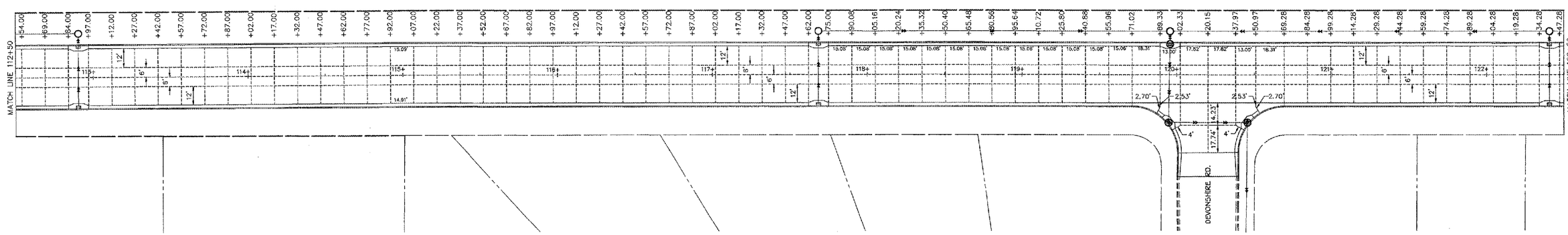
CONSTRUCTION NOTE:

1) UNLESS OTHERWISE NOTED, SPACING SHALL BE 15 FT. BETWEEN TRANSVERSE JOINTS.

2) SPACING BETWEEN TRANSVERSE JOINTS AT INLETS SHALL BE 13 FT.

3 JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT STD. 420001-06.





JOINTING DETAIL
CRUGER ROAD, PHASE 3

FOR: CITY OF WASHINGTON

DATE 12/16/05 SCALE 1" = 30' BOOK

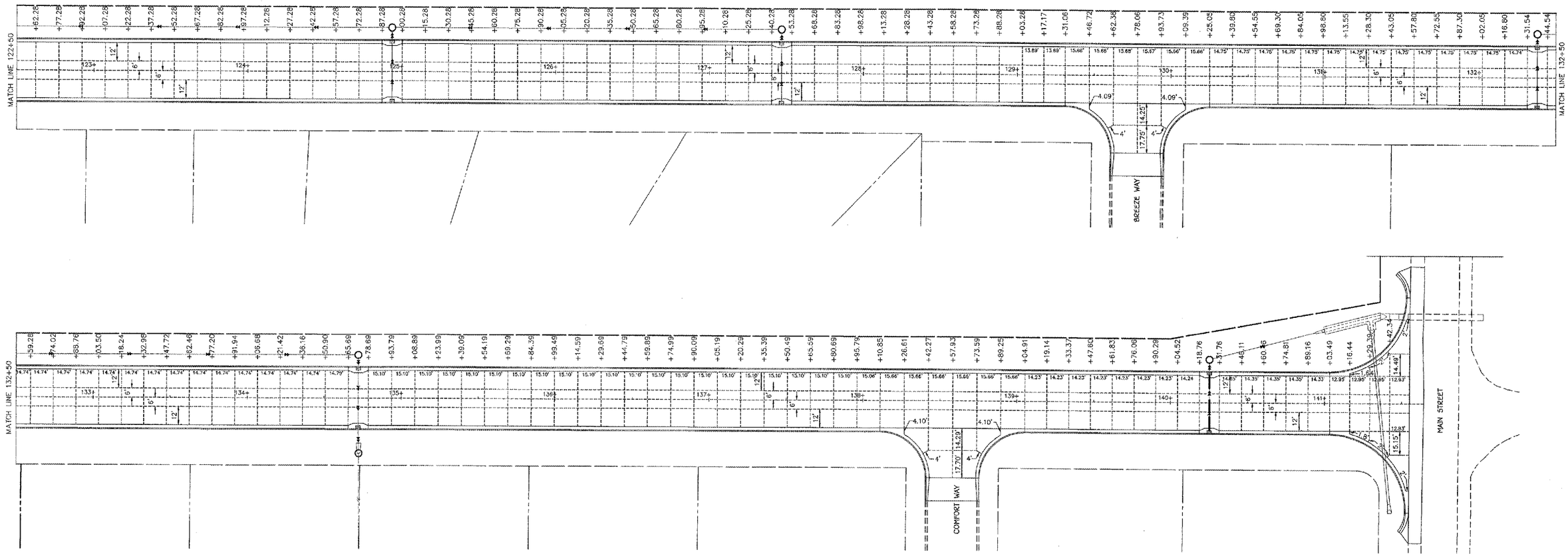
AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

REVISED | REVISED | REVISED | REVISED

PROJECT NUMBER 20-05-004
SHEET NO. 20 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.U. 6737	*	TAZEWELL	47	21
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

*03-00089-02-PV
CONTRACT NO. 88349



CONSTRUCTION NOTE:

1) UNLESS OTHERWISE NOTED SPACING SHALL BE 15 FT. BETWEEN TRANSVERSE JOINTS.

2) SPACING BETWEEN TRANSVERSE JOINTS AT INLETS SHALL BE 13 FT.

3 JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT STD. 420001-06.

JOINTING DETAIL
CRUGER ROAD, PHASE 3

FOR: CITY OF WASHINGTON

DATE 12/16/05 SCALE 1" = 30' BOOK

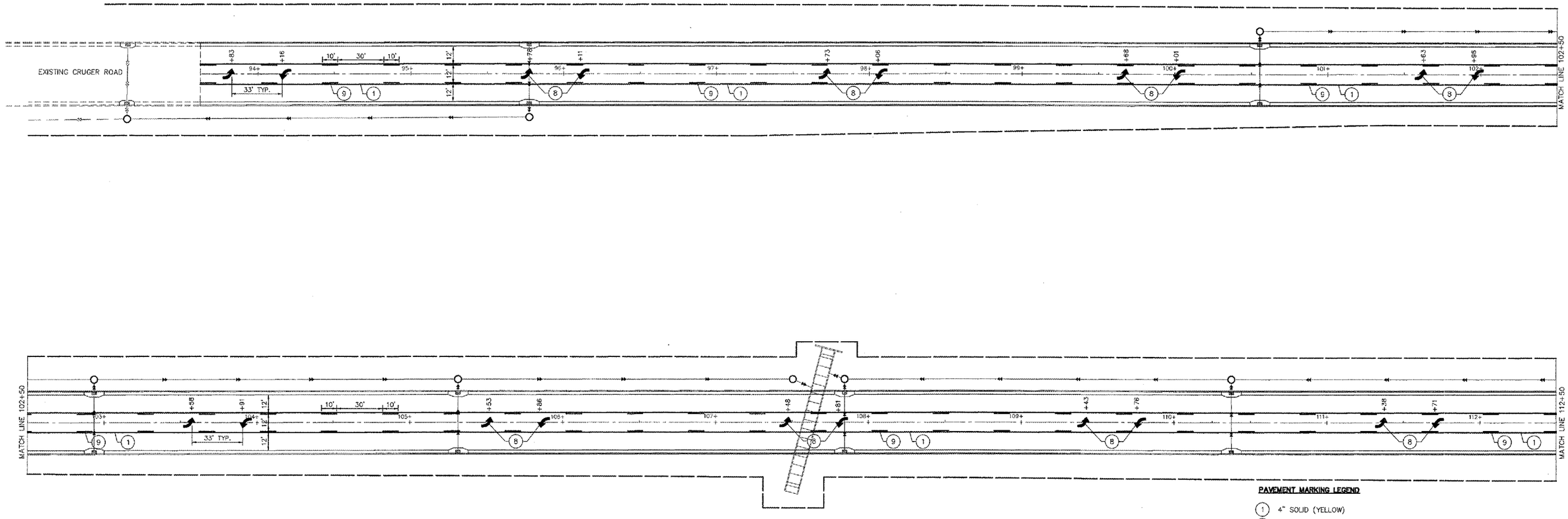
AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

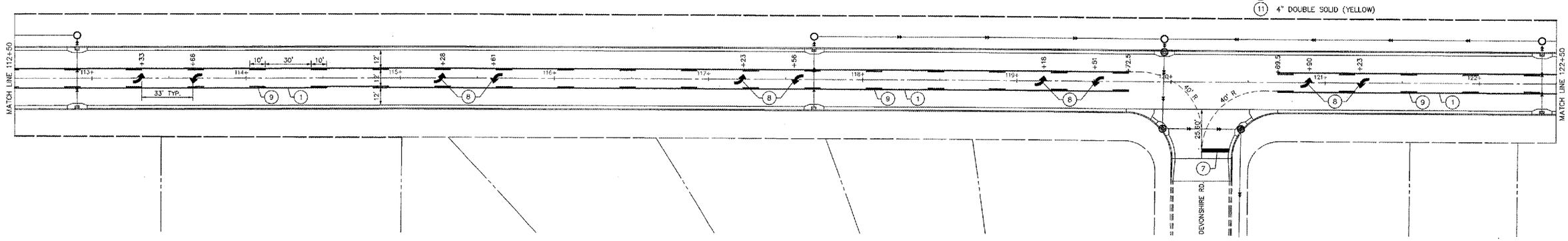
REVISED | REVISED | REVISED | REVISED

PROJECT NUMBER 20-05-004
SHEET NO. 21 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	22
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV
CONTRACT NO. 89349





PAVEMENT MARKING LEGEND

1. 4" SOLID (YELLOW)
2. 4" SOLID (WHITE)
3. 2-6" CROSSWALK
4. 6" SKIP-DASH (WHITE)
5. 8" SOLID (WHITE)
6. 12" DIAGONAL (WHITE)
7. 24" STOP BAR (WHITE)
8. LETTERS & SYMBOLS
9. 4" SKIP-DASH (YELLOW)
10. 12" DIAGONAL (YELLOW)
11. 4" DOUBLE SOLID (YELLOW)

PAVEMENT MARKINGS
CRUGER ROAD, PHASE 3

FOR: **CITY OF WASHINGTON**

DATE 12/16/05 SCALE 1" = 30' BOOK

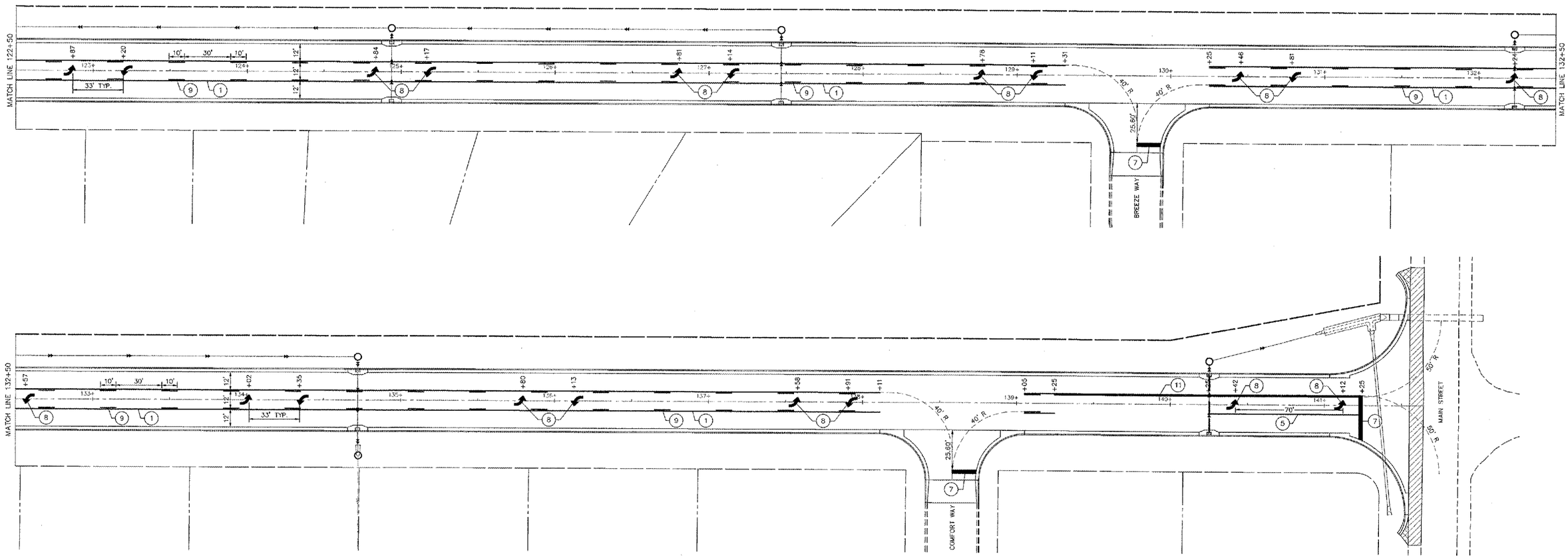
AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

REVISED REVISED REVISED

PROJECT NUMBER 20-05-004
SHEET NO. 22 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	23
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349



PAVEMENT MARKING QUANTITIES

(1)	POLYUREA PAVEMENT MARKING TYPE I – LINE 4" – SOLID YELLOW	8,556 FT.
(5)	POLYUREA PAVEMENT MARKING TYPE I – LINE 8" – SOLID WHITE	100 FT.
(7)	POLYUREA PAVEMENT MARKING TYPE I – LINE 24" – SOLID WHITE	80 FT.
(8)	POLYUREA PAVEMENT MARKING TYPE I – LETTERS & SYMBOLS, WHITE	780 S.F.
(9)	POLYUREA PAVEMENT MARKING TYPE I – LINE 4" – SKIP DASH YELLOW	2180 FT.
(11)	POLYUREA PAVEMENT MARKING TYPE I – LINE 4" – DOUBLE SOLID YELLOW	400 FT.

STRIPING SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT STANDARD 780001-01

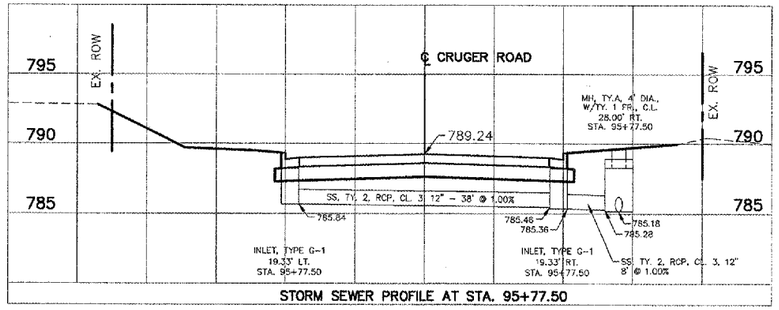
PAVEMENT MARKING LEGEND

(1) 4" SOLID (YELLOW)
(2) 4" SOLID (WHITE)
(3) 2-6" CROSSWALK
(4) 6" SKIP-DASH (WHITE)
(5) 8" SOLID (WHITE)
(6) 12" DIAGONAL (WHITE)
(7) 24" STOP BAR (WHITE)
(8) LETTERS & SYMBOLS
(9) 4" SKIP-DASH (YELLOW)
(10) 12" DIAGONAL (YELLOW)
(11) 4" DOUBLE SOLID (YELLOW)

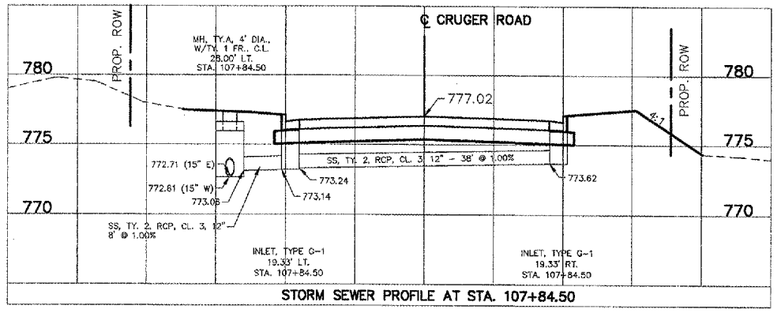
PAVEMENT MARKINGS CRUGER ROAD, PHASE 3		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE No. 184-001143 ILLINOIS	
FOR: CITY OF WASHINGTON		REVISED	PROJECT NUMBER 20-05-004
DATE 12/16/05	SCALE 1" = 30'	REVISED	SHEET NO. 23 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	24
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

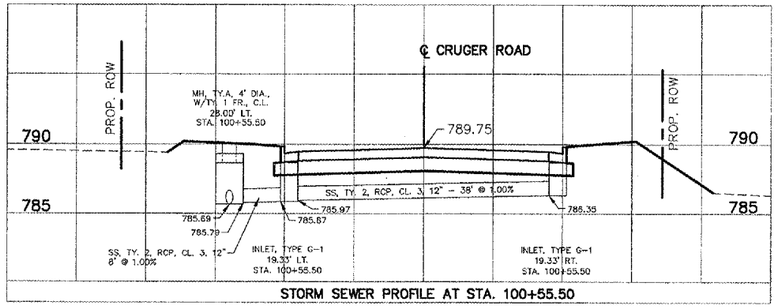
*03-00089-02-PV
CONTRACT NO. 89349



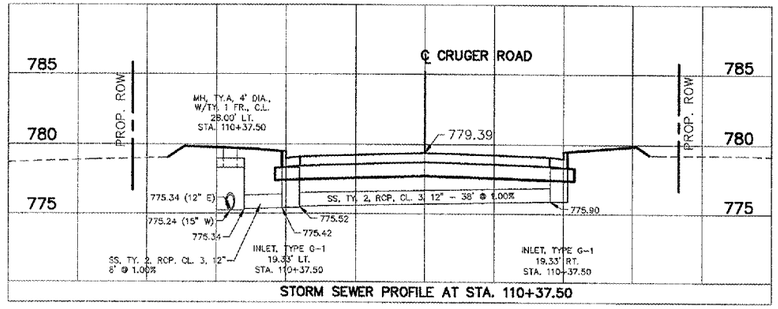
STORM SEWER PROFILE AT STA. 95+77.50



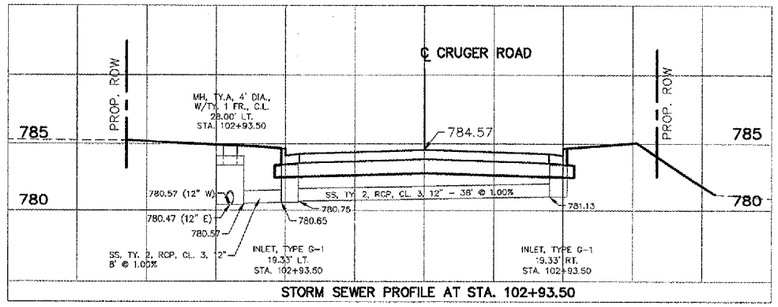
STORM SEWER PROFILE AT STA. 107+84.50



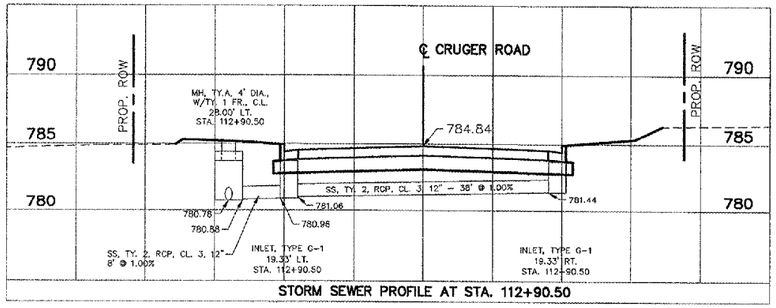
STORM SEWER PROFILE AT STA. 100+55.50



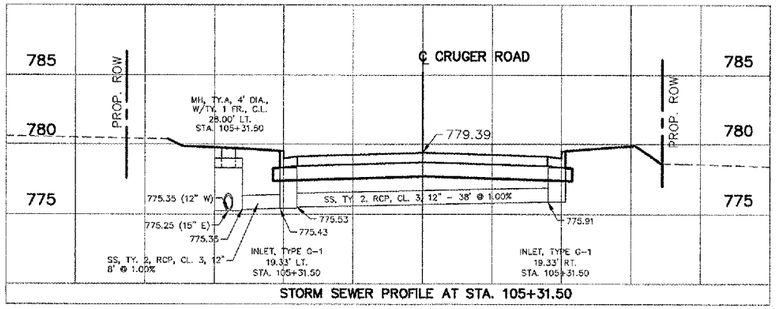
STORM SEWER PROFILE AT STA. 110+37.50



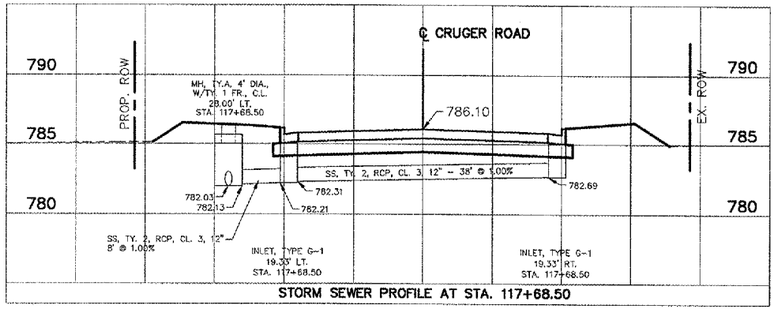
STORM SEWER PROFILE AT STA. 102+93.50



STORM SEWER PROFILE AT STA. 112+90.50



STORM SEWER PROFILE AT STA. 105+31.50



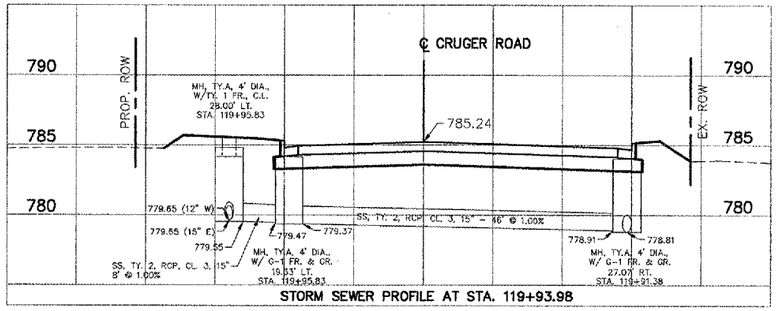
STORM SEWER PROFILE AT STA. 117+68.50

1" = 10' HOR
1" = 5' VER

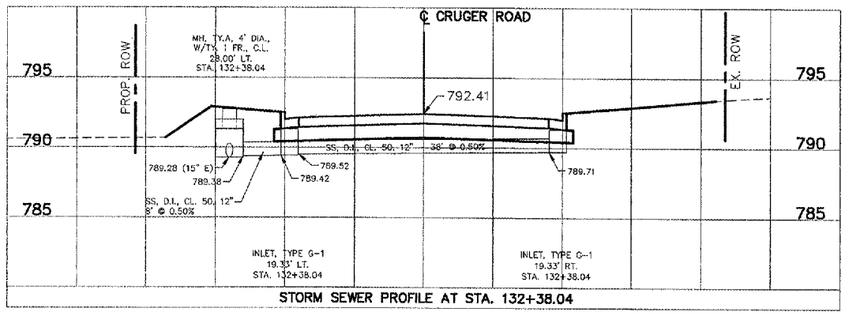
STORM SEWER PROFILES CRUGER ROAD, PHASE 3	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE No. 184-001143 ILLINOIS	
FOR: CITY OF WASHINGTON	REVISED	PROJECT NUMBER 20-05-004
DATE 12/15/05 SCALE AS SHOWN DGN	REVISED REVISED	SHEET NO. 24 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 6737	*	TAZEWELL	47	25
FED. ROAD REGT. NO. 7		ILLINOIS	PROJECT	M-5083-110

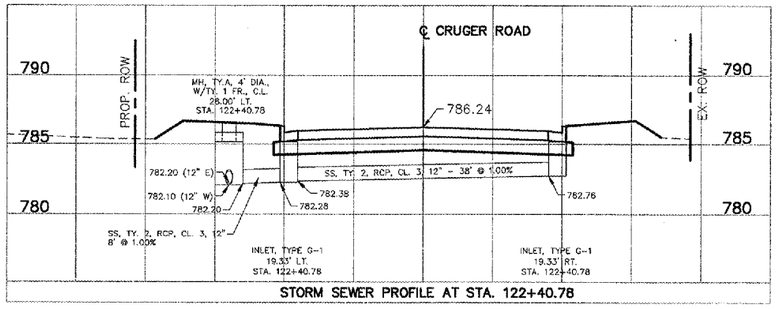
*03-00089-02-PV
CONTRACT NO. 89349



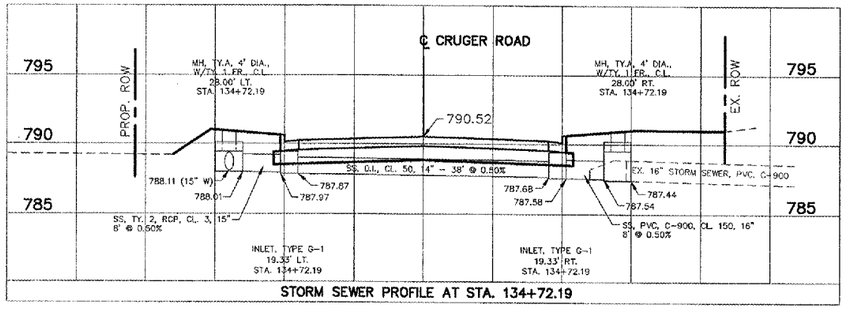
STORM SEWER PROFILE AT STA. 119+93.98



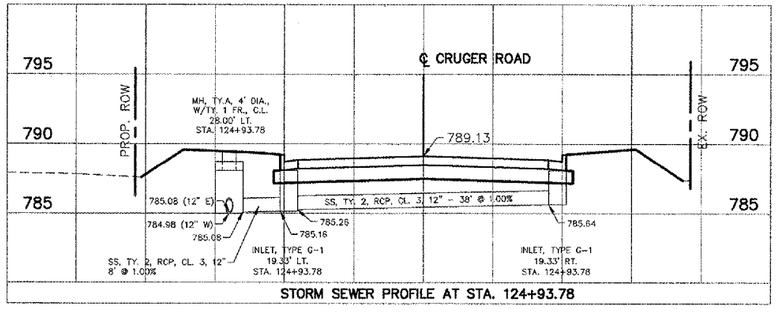
STORM SEWER PROFILE AT STA. 132+38.04



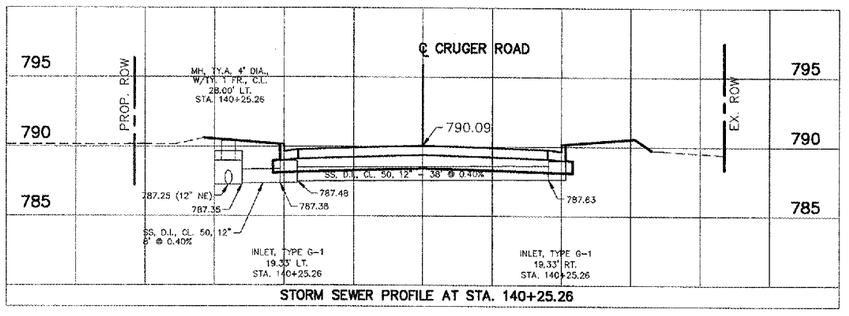
STORM SEWER PROFILE AT STA. 122+40.78



STORM SEWER PROFILE AT STA. 134+72.19

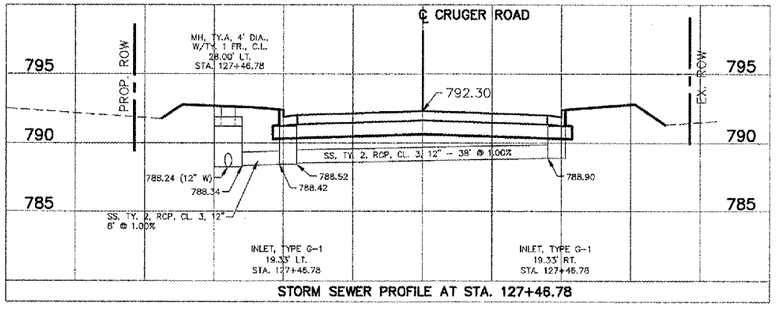


STORM SEWER PROFILE AT STA. 124+93.78



STORM SEWER PROFILE AT STA. 140+25.26

1" = 10' HOR
1" = 5' VER

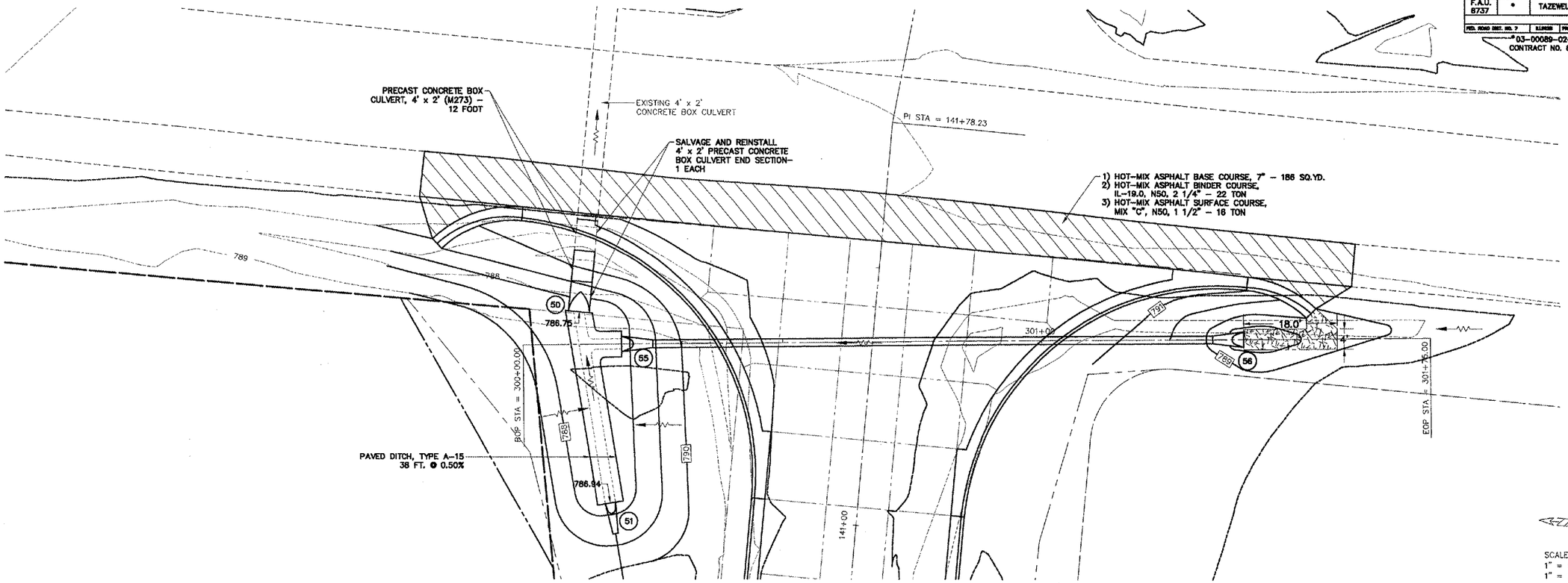


STORM SEWER PROFILE AT STA. 127+46.78

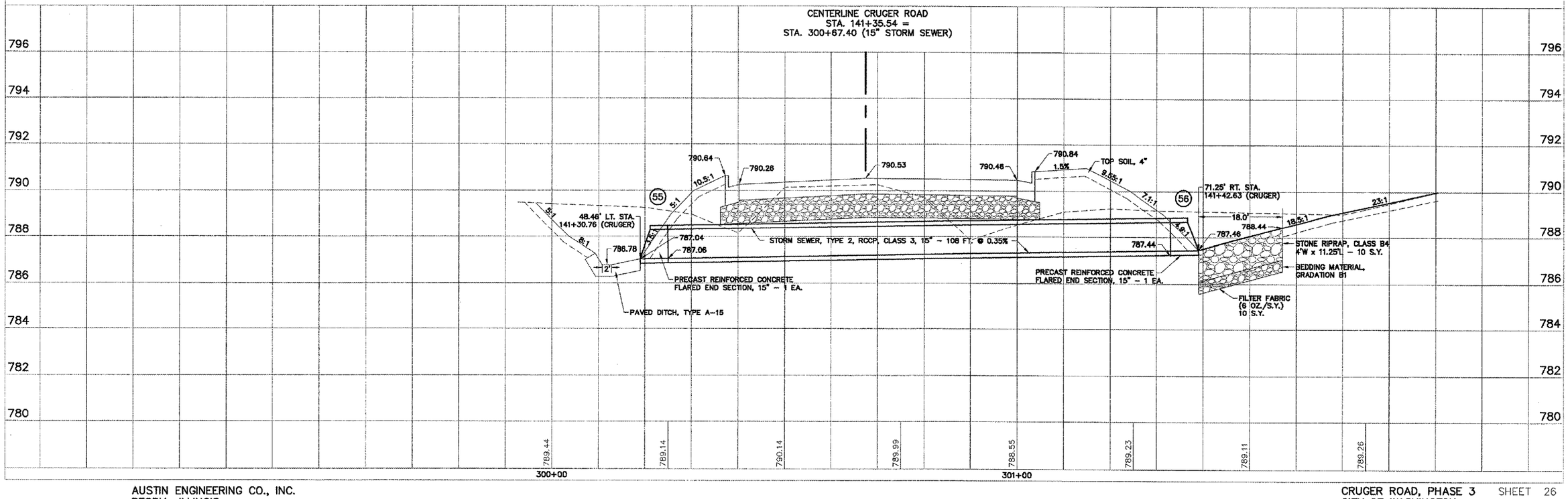
STORM SEWER PROFILES CRUGER ROAD, PHASE 3	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS	
FOR: CITY OF WASHINGTON	PEORIA LICENSE No. 184-001143 ILLINOIS	
DATE 12/16/05 SCALE 1" = 10' BOOK	REVISED / REVISED	PROJECT NUMBER 20-05-004
	REVISED / REVISED	SHEET NO. 25 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	26
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

03-00089-02-PV
CONTRACT NO. 89349

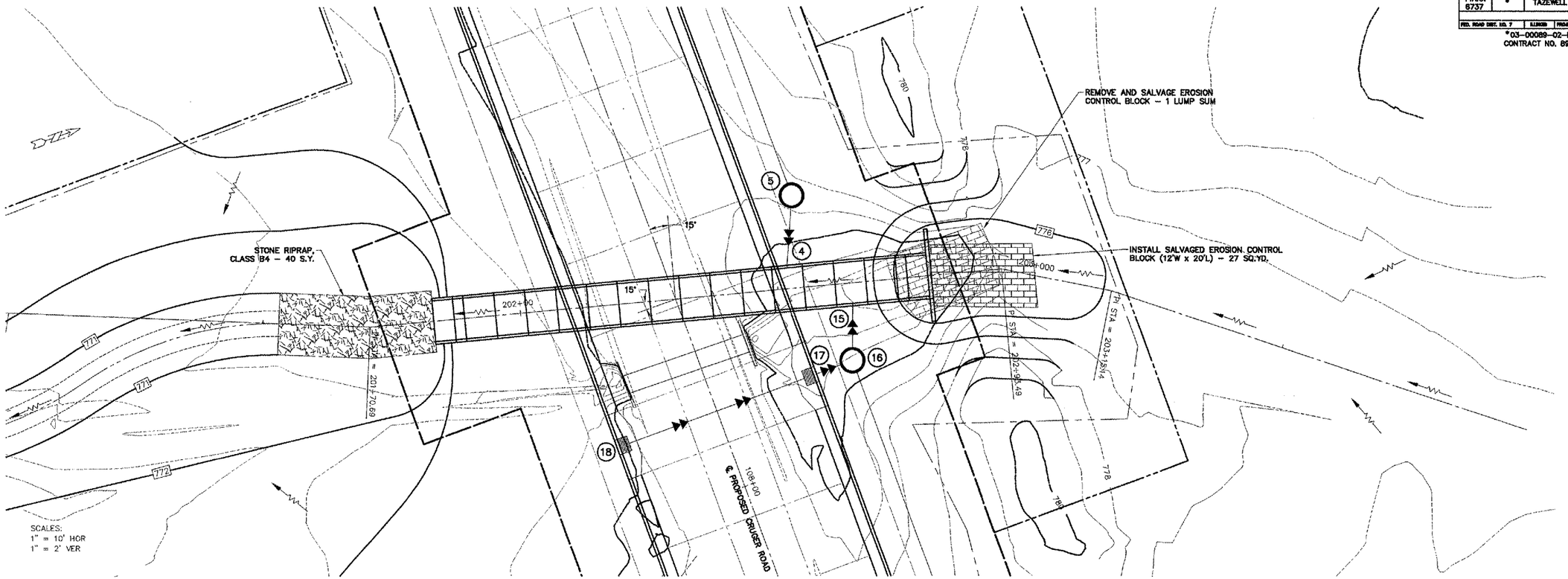


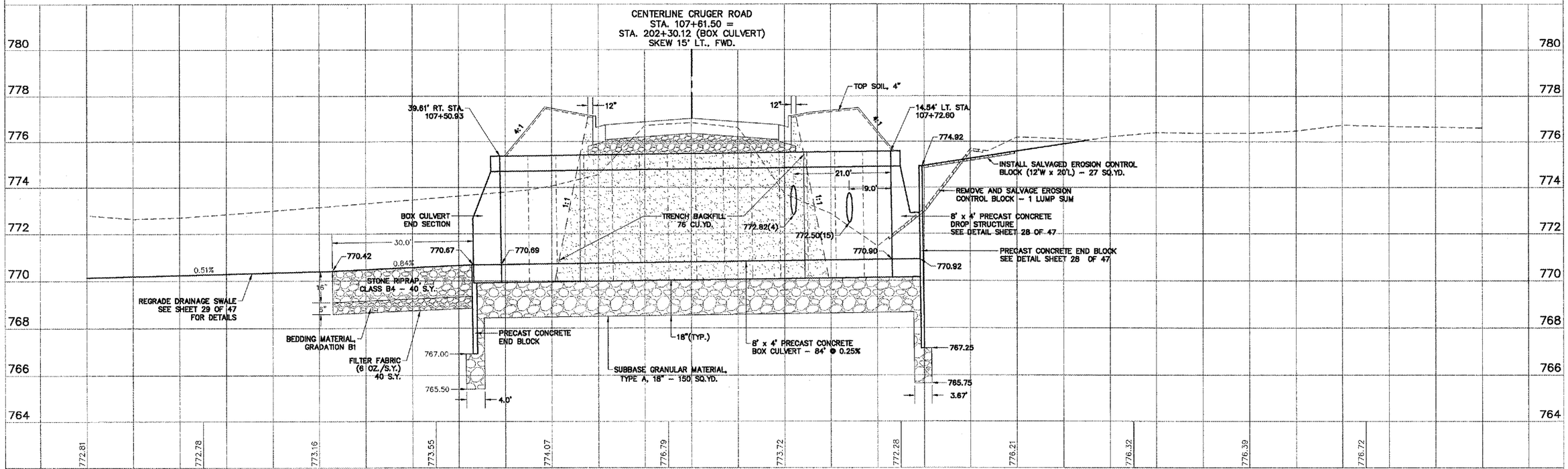
SCALES:
1" = 10' HOR
1" = 2' VER



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	27
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

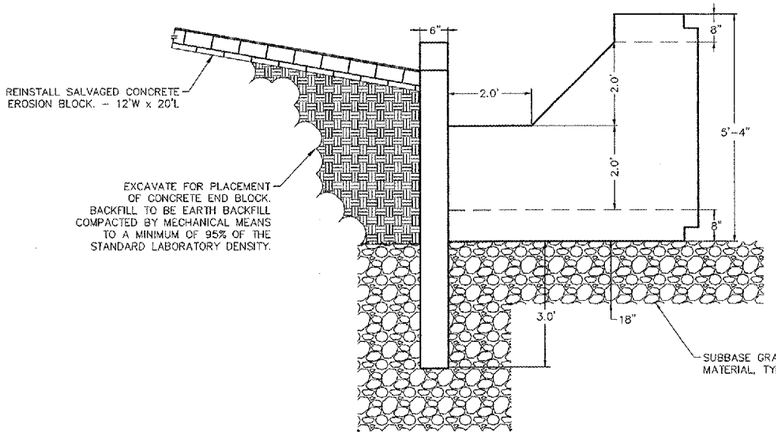
*03-00089-02-PV
CONTRACT NO. 89349



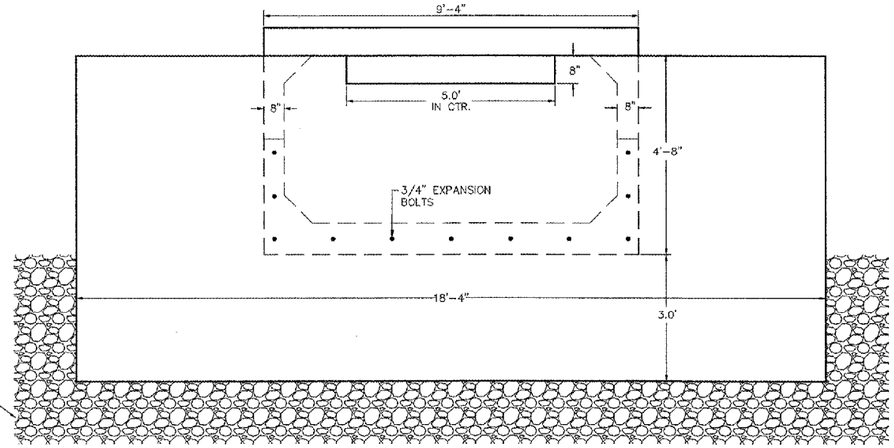


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 9737	*	TAZEWELL	47	28
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

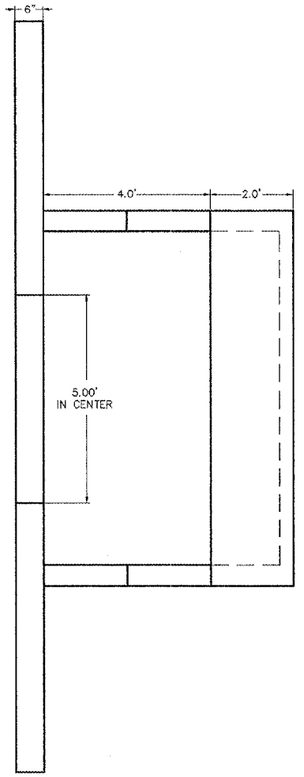
*03-00089-02-PV
CONTRACT NO. 89349



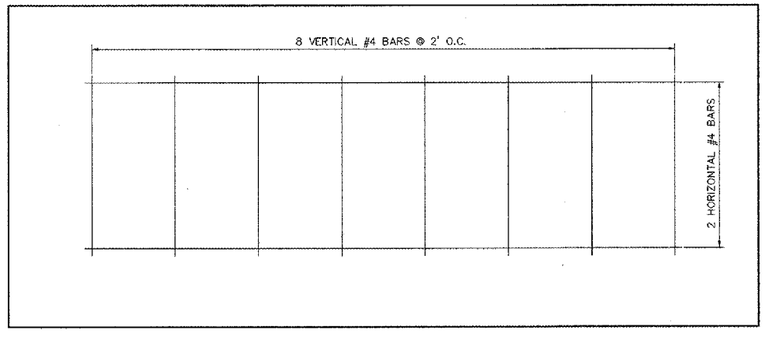
SIDE VIEW



FRONT VIEW

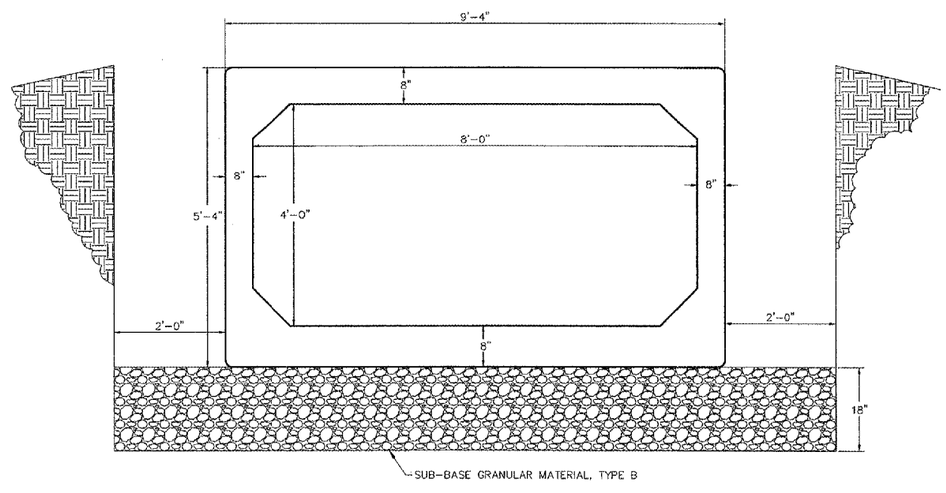


PLAN VIEW



REINFORCEMENT FOR CONCRETE END BLOCK

REFER TO STD. 540401-04 FOR ADDITIONAL INFORMATION



SECTION

DROP STRUCTURE DETAIL CRUGER ROAD, PHASE 3		AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE No. 184-001143 ILLINOIS	
CITY OF WASHINGTON		REVISED	REVISED
DATE 12/16/05	SCALE	BOOK	REVISED
		REVISED	PROJECT NUMBER 20-05-004 SHEET NO. 28 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	29
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	

*03-00089-02-PV
CONTRACT NO. 89349

SCALE: 1" = 10'

BOP Sta = 200+00.00

185.16' RT. STA.
107+00.00

TEMPORARY CONSTRUCTION EASEMENT

45.16' RT. STA.
107+00.00

FUTURE DRAINAGE SWALE ALONG REAR LOT LINE OF PROPOSED SUBDIVISION.

R.O.W.

107+00

201+00

EXISTING DRAINAGE SWALE

185.37' RT. STA.
107+50.00

TEMPORARY DRAINAGE SWALE
82 FT. @ 0.51%

55.29' RT. STA.
107+30.94

35.29' RT. STA.
107+30.94

5.0'

30.0'

770.42

770.67

STONE RIPRAP, CLASS B4 - 40 S.Y.
BEDDING MATERIAL, GRADATION B1
FILTER FABRIC (6 OZ./S.Y.) 40 S.Y.

EOP Sta = 201+70.09

202+00

55.45' RT. STA.
107+70.94

35.45' RT. STA.
107+70.94

42.41' LT. STA.
107+25.00

82.41' LT. STA.
107+25.00

REMOVE AND SALVAGE EROSION CONTROL BLOCK
1 LUMP SUM

52.38' LT. STA.
107+52.82

42.38' LT. STA.
107+52.82

TEMPORARY CONSTRUCTION EASEMENT

INSTALL SALVAGED EROSION CONTROL BLOCK
27 SQ.YD.

EOP Sta = 202+93.49

202+15.14

202+00

52.38' LT. STA.
107+92.82

42.38' LT. STA.
107+92.82

108+00

55.61' RT. STA.
108+08.50

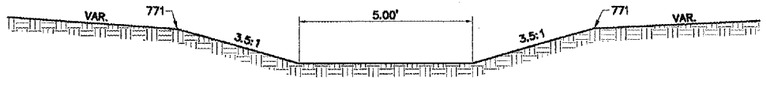
FIELD ENTRANCE

42.29' LT. STA.
108+25.00

82.29' LT. STA.
108+25.00

55.73' RT. STA.
108+36.50

45.73' RT. STA.
108+36.50



TEMPORARY
DRAINAGE SWALE DETAIL

(AFTER VEGETATION IS ESTABLISHED, USE AGGREGATE FROM TEMPORARY DITCH CHECKS TO SHAPE FLOWLINE OF TEMPORARY SWALE.)

6' x 4' PRECAST CONCRETE BOX CULVERT
GRADING DETAILS
CRUGER ROAD, PHASE 3

AUSTIN ENGINEERING CO., INC.
CIVIL ENGINEERS
PEORIA LICENSE No. 184-001143 ILLINOIS

FOR: CITY OF WASHINGTON

DATE 12/16/05 SCALE 1" = 10' BOOK

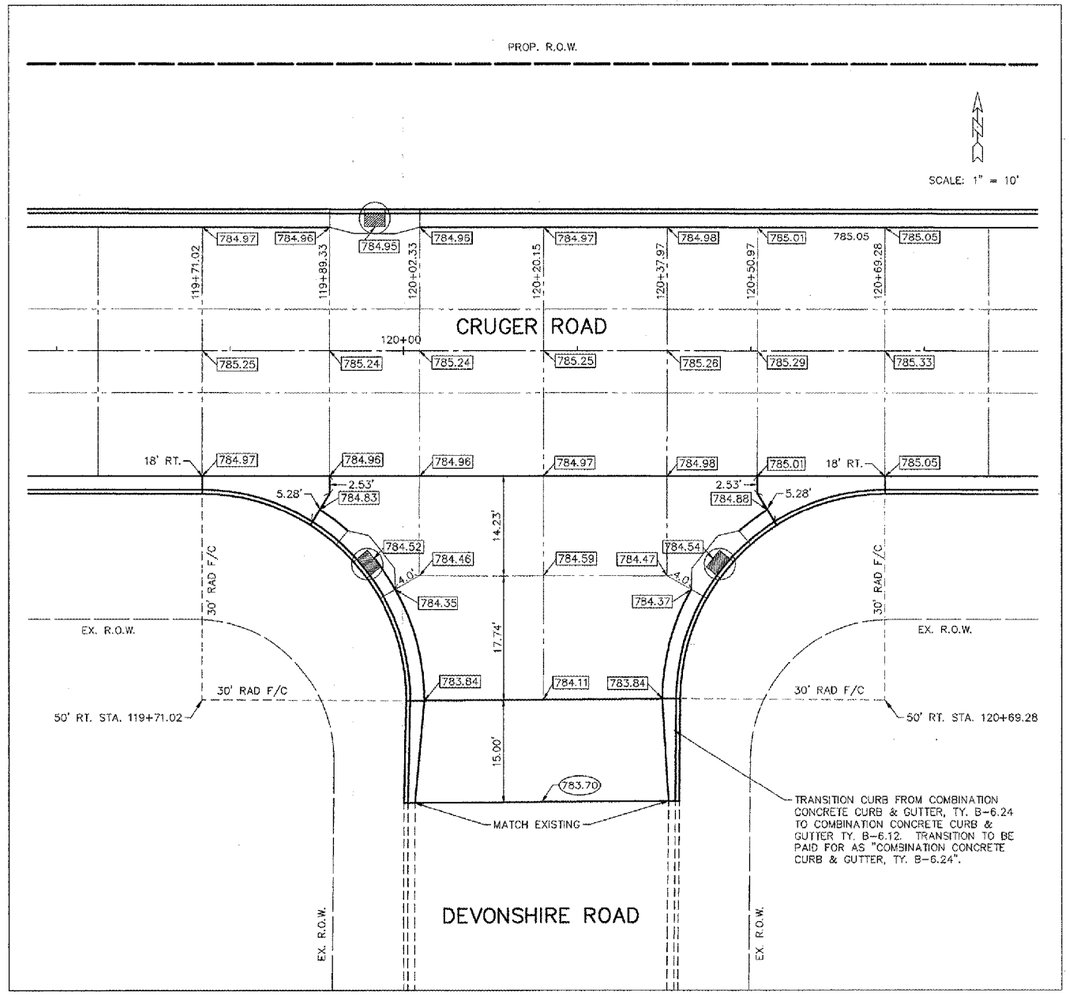
REVISED REVISED REVISED

PROJECT NUMBER 20-05-004

SHEET NO. 29 OF 47

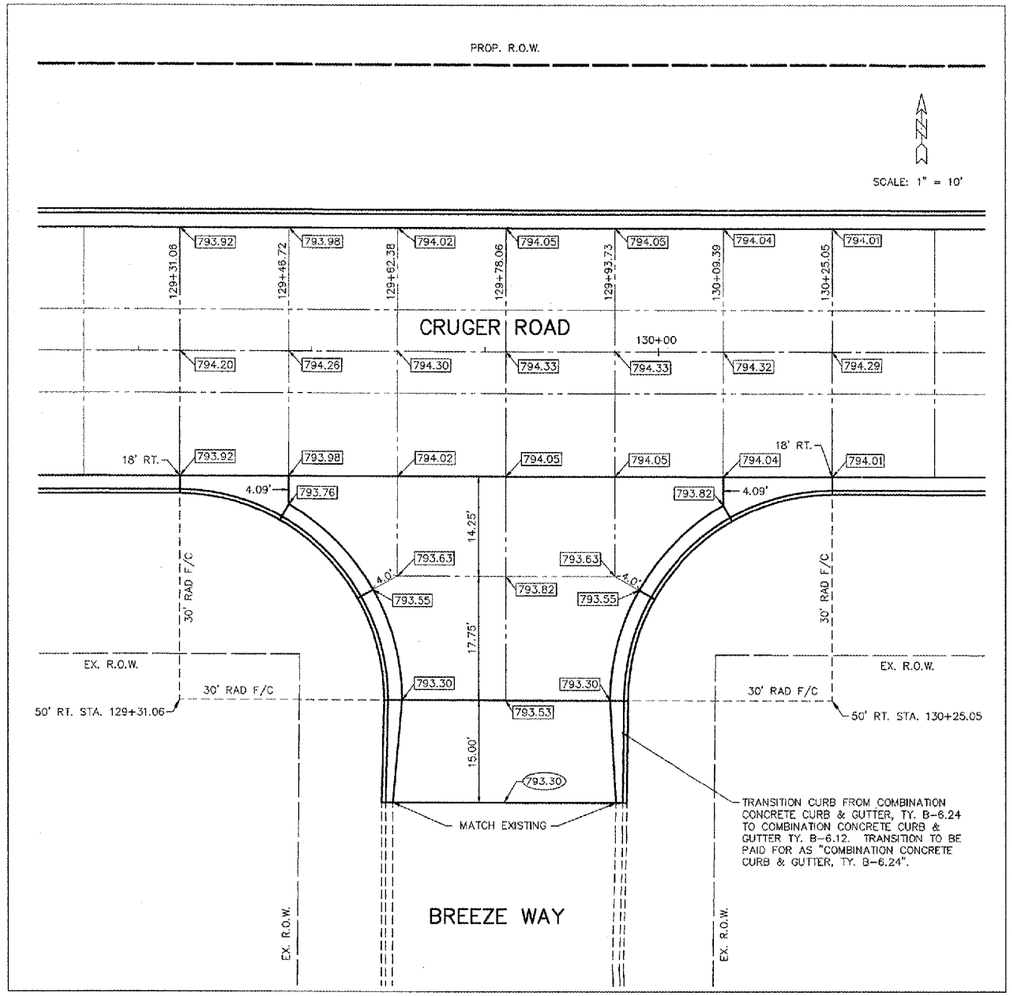
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	30
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5093-110	

*03-00089-02-PV
CONTRACT NO. 89349



DEVONSHIRE RD. / CRUGER ROAD INTERSECTION

1" = 10'



BREEZE WAY / CRUGER ROAD INTERSECTION

1" = 10'

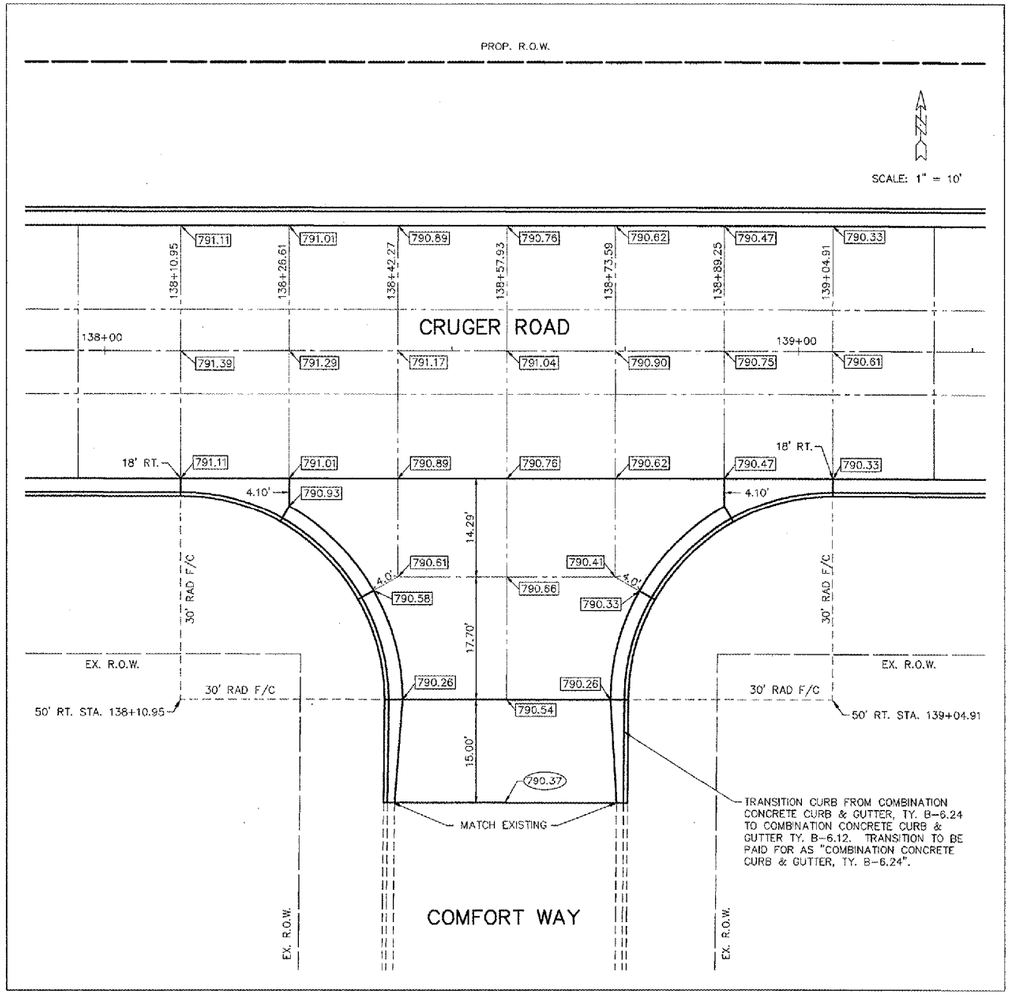
LEGEND

793.30 PROPOSED PAVEMENT ELEVATION
(783.70) EXISTING PAVEMENT ELEVATION

INTERSECTION DETAILS CRUGER ROAD, PHASE 3	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS	
FOR: CITY OF WASHINGTON	PEORIA LICENSE No. 184-001145 ILLINOIS	PROJECT NUMBER 20-05-004
DATE 12/16/05 SCALE 1" = 10' BOOK	REVISED REVISED REVISED	SHEET NO. 30 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	31
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV
CONTRACT NO. 89349



COMFORT WAY / CRUGER ROAD INTERSECTION

1" = 10'

LEGEND

790.89 PROPOSED PAVEMENT ELEVATION

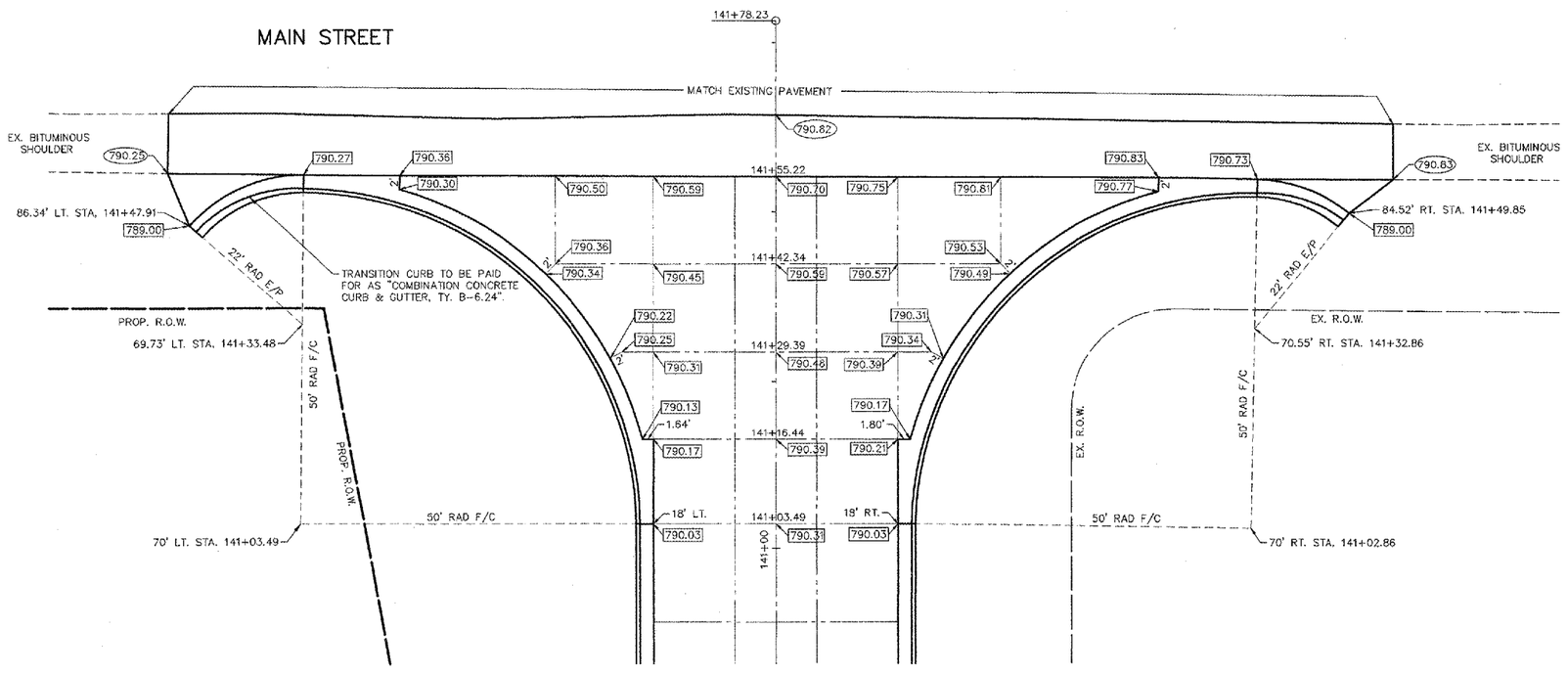
(790.37) EXISTING PAVEMENT ELEVATION

INTERSECTION DETAILS CRUGER ROAD, PHASE 3	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE No. 184-001143 ILLINOIS
FOR: CITY OF WASHINGTON	REVISED / REVISED / PROJECT NUMBER 20-05-004
DATE 12/16/05 SCALE 1" = 10' BOOK	REVISED / REVISED / SHEET NO. 31 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	32
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV
CONTRACT NO. 89349

SCALE: 1" = 10'



MAIN STREET / CRUGER ROAD INTERSECTION

1" = 10'

LEGEND

790.31 PROPOSED PAVEMENT ELEVATION

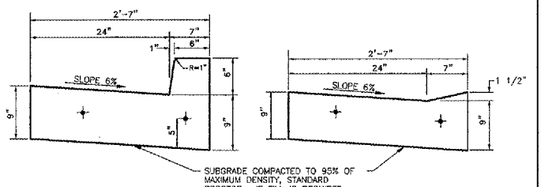
(790.82) EXISTING PAVEMENT ELEVATION

INTERSECTION DETAILS CRUGER ROAD, PHASE 3	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA LICENSE No. 184-001143 ILLINOIS	
FOR: CITY OF WASHINGTON	REVISED / REVISED	PROJECT NUMBER 20-05-004
DATE 12/16/05 SCALE 1" = 10' BOOK	REVISED / REVISED	SHEET NO. 32 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	33
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV
CONTRACT NO. 89349

COMBINATION CONCRETE CURB AND GUTTER
TYPE B-6.12



BARRIER CURB **DEPRESSED CURB**

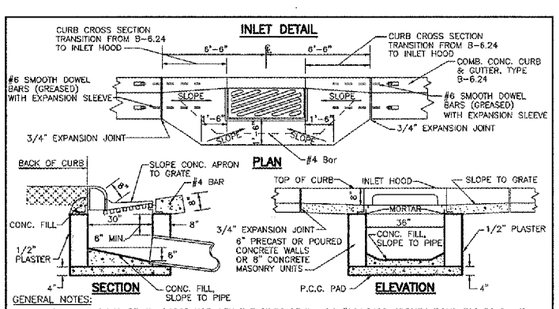
GENERAL NOTES:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE NOTED ON THIS DETAIL.
2. REFER TO SECTION 420 OF THE STANDARD SPECIFICATIONS.

PROVIDE EXPANSION JOINTS AT INTERSECTION RETURNS, INLET BOXOUTS AND WORK STOPPAGE POINTS. USE #6 BARS, SMOOTH, 30" LONG WITH A METALLIC EXPANSION SLEEVE ON ONE END. GREASE ENTIRE BAR. FILL EXPANSION JOINTS AND SAW CUTS WITH JOINT SEALER.

City Of Washington	CONSTRUCTION STANDARD	

INLET DETAIL

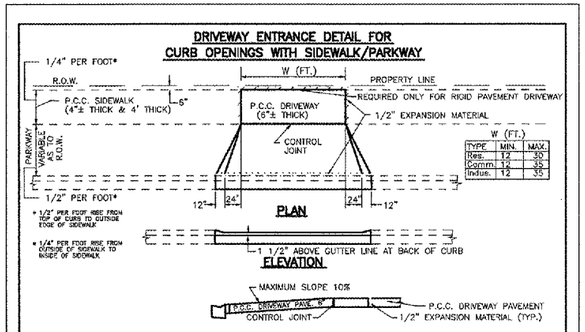


GENERAL NOTES:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE NOTED ON THIS DETAIL.
2. THE FRAME SHALL BE A NEENAH NO. R-3246-A OR EQUAL WITH A NEENAH TYPE DR OR DL GRATING OR EQUAL. MAXIMUM SLOT OPENINGS IN THE GRATE SHALL BE 1". GRATE SHALL BE DIAGONAL. BOLTS SHALL BE PROVIDED WITH PROPER NUTS AND WASHERS. NUTS SHALL BE SECURELY TIGHTENED.
3. PLASTER AROUND INSIDE OF FRAME AFTER INSTALLATION. CASTINGS SHALL BE SET IN A FULL BED OF MORTAR. CONCRETE SHALL BE PLACED BEHIND HOOD AS SHOWN IN SECTION VIEW.

City Of Washington	CONSTRUCTION STANDARD	

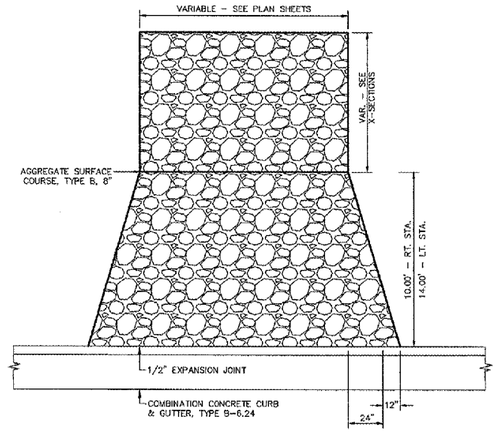
DRIVEWAY ENTRANCE DETAIL FOR CURB OPENINGS WITH SIDEWALK/PARKWAY

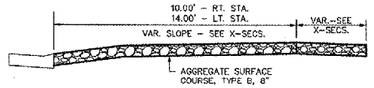


GENERAL NOTES:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE NOTED ON THIS DETAIL.
2. ALL SAW CUTS MUST BE A MINIMUM OF 1" DEEP.

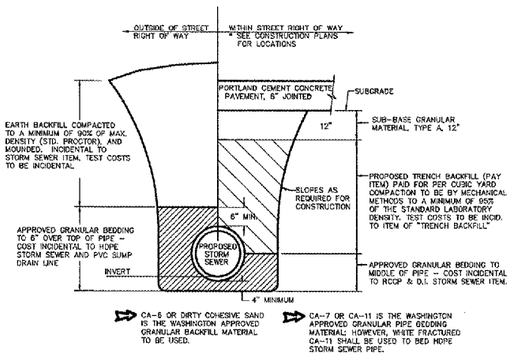
City Of Washington	CONSTRUCTION STANDARD	





CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE NOTED IN THIS DETAIL

FIELD ENTRANCE DETAILS



STORM SEWER LINE TRENCH DETAILS

MISCELLANEOUS CONSTRUCTION DETAILS CITY OF WASHINGTON CONSTRUCTION STANDARDS CRUGER ROAD, PHASE 3	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS PEORIA ILLINOIS	
FOR: CITY OF WASHINGTON	REVISED	REVISED
DATE 12/18/05 SCALE BOOK	REVISED	REVISED

PROJECT NUMBER 20-05-004
SHEET NO. 33 OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.U. 9737	*	TAZEWELL	47	34
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT M-5063-110		
*03-00069-02-PV		CONTRACT NO. 89349		

96 + 11.56 — EL = 789.89 — FILL = 0.89 — CUT = 142.63

96 + 00 — EL = 789.68 — FILL = 3.56 — CUT = 129.80

95 + 50 — EL = 788.64 — FILL = 8.19 — CUT = 103.42

95 + 00 — EL = 787.40 — FILL = 10.38 — CUT = 88.37

94 + 50 — EL = 786.06 — FILL = 10.66 — CUT = 78.14

94 + 00 — EL = 784.71 — FILL = 16.84 — CUT = 70.75

93 + 50 — FILL = 0.00 — CUT = 0.00

EX. ROW

49.01'

9.01'

35.99'

4:1

15.0' CONST. EASE.

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 34
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.U. 8737	*	TAZEWELL	47	35
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	SE-0083-110	
03-00089-02-PV		CONTRACT NO. 89349		

99 + 50

EASE.
CONST.
10.0'
PROP. ROW
4:1
44.08'
35.99'
PROP. ROW
EL = 791.24
FILL = 14.53
CUT = 77.81
7.97'

99 + 00

PROP. ROW
4:1
45.17'
35.99'
PROP. ROW
EL = 791.63
FILL = 1.49
CUT = 146.26
8.18'

98 + 50

PROP. ROW
4:1
46.25'
35.99'
PROP. ROW
10.0'
CONST.
EASE.
EL = 791.81
FILL = 0.00
CUT = 231.48
8.39'

98 + 00

PROP. ROW
4:1
47.23'
35.99'
PROP. ROW
10.0'
CONST.
EASE.
EL = 791.80
FILL = 0.00
CUT = 283.68
8.60'

97 + 50

PROP. ROW
4:1
48.42'
35.99'
PROP. ROW
15.0'
EASE. EAST
CONST.
EASE. WEST
CONST.
EL = 791.57
FILL = 0.00
CUT = 336.99
8.80'

97 + 00

EX. ROW
4:1
49.01'
35.99'
EX. ROW
15.0'
EASE.
CONST.
EL = 791.15
FILL = 0.00
CUT = 323.92
9.01'

96 + 50

EX. ROW
4:1
49.01'
35.99'
EX. ROW
15.0'
EASE.
CONST.
EL = 790.52
FILL = 0.00
CUT = 218.19
9.01'

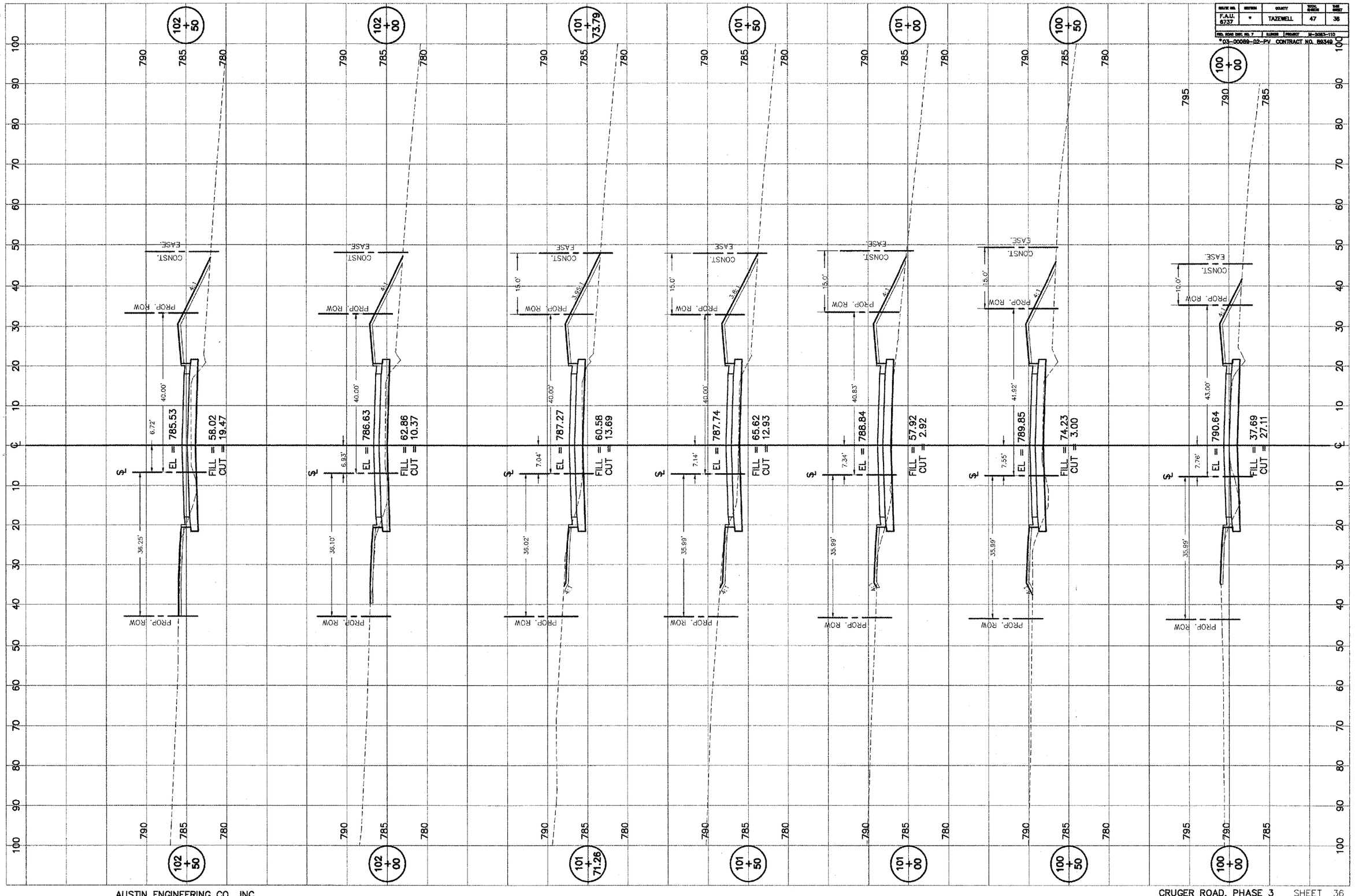
AUSTIN ENGINEERING CO., INC.

CRUGER ROAD, PHASE 3 SHEET 35

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	36

FED. ROAD DIST. NO. 7 | ILLINOIS | PROJECT M-3063-110

*03-00089-02-PV CONTRACT NO. 69349



AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 36
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.U. 6737	*	TAZEWELL	47	37
PRE. ROAD DIST. NO. 7	NUMBER	PROJECT	M-8083-110	

*03-00089-02-PV CONTRACT NO. 89348

106+50 | 106+00 | 105+50 | 105+00 | 104+50 | 104+00 | 103+50 | 103+00

	106+50	106+00	105+50	105+00	104+50	104+00	103+50	103+00
EL =	777.69	778.28	779.05	780.01	781.11	782.22	783.32	784.43
FILL =	46.68	27.71	13.50	20.01	23.18	41.98	43.02	51.03
CUT =	69.57	70.50	72.62	72.94	68.87	55.75	48.73	34.69

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 37
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	38
PROJ. ROAD DIST. NO. 7	ILLINOIS	PROJECT M-8063-110		
*03-00089-02-PV		CONTRACT NO. 88349		

109+50 — EL = 778.03 — FILL = 13.76 — CUT = 66.56
109+00 — EL = 777.51 — FILL = 8.52 — CUT = 60.83
108+50 — EL = 777.18 — FILL = 26.88 — CUT = 64.07
108+22.57 — EL = 777.07 — FILL = 29.41 — CUT = 53.17
108+00 — EL = 777.03 — FILL = 56.62 — CUT = 37.54
107+61.50 — EL = 777.04 — FILL = 106.03 — CUT = 44.66
107+50 — EL = 777.06 — FILL = 69.81 — CUT = 50.06
107+00 — EL = 777.28 — FILL = 56.02 — CUT = 65.44

FIELD ENTRANCE

SEE SHEET 27 OF 47 FOR BOX CULVERT CROSS SECTION

CONSTRUCTION EASEMENT — 104.44'
CONSTRUCTION EASEMENT — 130'
CONSTRUCTION EASEMENT — 150'

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHT. SHEET
F.A.U. 6737	*	TAZEWELL	47	39
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-3083-110	

*03-00069-02-PV CONTRACT NO. 89349

113+34.78

PROP. ROW
2.20'
39.50'
40.00'
EL = 785.59
FILL = 1.66
CUT = 110.50

113+00

PROP. ROW
2.34'
39.40'
40.00'
EL = 785.02
FILL = 2.77
CUT = 88.59

112+50

PROP. ROW
2.55'
39.25'
40.00'
EL = 784.04
FILL = 11.11
CUT = 59.34

112+00

PROP. ROW
2.76'
39.10'
40.00'
EL = 782.93
FILL = 25.88
CUT = 57.17

111+50

PROP. ROW
2.97'
38.95'
40.00'
EL = 781.81
FILL = 20.55
CUT = 55.16

111+00

PROP. ROW
3.17'
38.80'
40.00'
EL = 780.70
FILL = 22.27
CUT = 56.24

110+50

PROP. ROW
3.38'
38.65'
40.00'
EL = 779.63
FILL = 15.69
CUT = 61.12

110+00

PROP. ROW
3.59'
38.50'
40.00'
EL = 778.74
FILL = 15.05
CUT = 57.26

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 39
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8757	*	TAZEWELL	47	40
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	
*03-00089-02-PV		CONTRACT NO. 89348		

116+00 | 115+50 | 115+20.89 | 115+00 | 114+50 | 114+00 | 113+58.83 | 113+50

PROP. ROW

40.00'

4:1

1.50' | 1.50' | 1.50' | 1.51' | 1.71' | 1.92' | 2.08' | 2.43'

℄ EL = 787.23 | 787.29 | 787.25 | 787.19 | 786.90 | 786.45 | 785.94 | 785.82

FILL = 52.72 | 29.23 | 5.43 | 0.09 | 0.33 | 6.74 | 0.61 | 0.97
CUT = 44.89 | 63.96 | 87.30 | 92.42 | 109.76 | 107.71 | 112.84 | 114.07

40.0' | 40.0' | 40.0' | 40.0' | 39.85' | 39.70' | 39.57' | 39.55'

7.38%

2.03%

8.85%

FIELD ENTRANCE

8.85%

RESIDENTIAL DRIVE

790 | 785 | 780

10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 40
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	41
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV CONTRACT NO. 89349

STA.	EL	FILL	CUT
120+00	785.24	36.97	48.74
119+50	785.27	51.90	41.09
119+00	785.39	69.86	35.49
118+50	785.59	65.94	35.03
118+00	785.88	67.93	31.89
117+50	786.24	62.64	25.20
117+00	786.62	60.62	30.34
116+50	786.99	56.82	38.56

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHT. SHEET
F.A.U. 8737	*	TAZEWELL	47	42
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-3063-110	
*03-00089-02-PV		CONTRACT NO. 89349		

123 + 50

EX. ROW
4:1
40.00'
1.50'
787.34
27.09
65.68
PROP. ROW

123 + 00

EX. ROW
4:1
40.00'
1.50'
786.78
15.38
60.10
PROP. ROW

122 + 50

EX. ROW
4:1
40.00'
1.50'
786.32
26.68
57.64
PROP. ROW

122 + 00

EX. ROW
4:1
40.00'
1.50'
785.93
32.29
54.30
PROP. ROW

121 + 50

EX. ROW
4:1
40.00'
1.50'
785.63
42.70
51.44
PROP. ROW

121 + 00

EX. ROW
4:1
40.00'
1.50'
785.42
47.69
49.43
PROP. ROW

120 + 50

EX. ROW
4:1
40.00'
1.50'
785.28
39.74
49.37
PROP. ROW

120 + 20.15

783.70
2.79%
784.11
2.67%
DEVONSHIRE ROAD
EX. ROW
4:1
40.00'
1.50'
785.25
26.96
45.33
PROP. ROW

EL =
FILL =
CUT =

790
785
780
10
20
30
40
50
60
70
80
90
100

AUSTIN ENGINEERING CO., INC.

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 42
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.U. 8737	*	TAZEWELL	47	43
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-0083-110	
*03-00088-02-PV		CONTRACT NO. 89348		

127+50 — EL 792.34 — FILL = 47.20 — CUT = 17.51

127+00 — EL 791.72 — FILL = 62.47 — CUT = 14.06

126+50 — EL 791.09 — FILL = 76.41 — CUT = 13.06

126+00 — EL 790.46 — FILL = 90.26 — CUT = 17.13

125+50 — EL 789.84 — FILL = 89.79 — CUT = 24.86

125+00 — EL 789.21 — FILL = 84.52 — CUT = 32.44

124+50 — EL 788.58 — FILL = 72.25 — CUT = 34.68

124+00 — EL 787.96 — FILL = 66.72 — CUT = 47.10

AUSTIN ENGINEERING CO., INC.

CRUGER ROAD, PHASE 3 SHEET 43
CITY OF WASHINGTON OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	44
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	U-5083-110	
*03-00089-02-PV		CONTRACT NO. 69349		

131 + 00

EX. ROW — 45.00' — PROP. ROW
1.50' — 40.00'
EL = 793.86
FILL = 19.99
CUT = 49.11

130 + 50

EX. ROW — 45.00' — PROP. ROW
1.50' — 40.00'
EL = 794.19
FILL = 24.41
CUT = 46.86

130 + 00

EX. ROW — 45.00' — PROP. ROW
1.50' — 40.00'
EL = 794.33
FILL = 25.91
CUT = 49.92

129 + 78.06

BREEZE WAY
793.30
793.53
1.53%
1.62%
EX. ROW — 45.00' — PROP. ROW
1.50' — 40.00'
EL = 794.33
FILL = 23.34
CUT = 54.07

129 + 50

EX. ROW — 45.00' — PROP. ROW
1.50' — 40.00'
EL = 794.27
FILL = 28.28
CUT = 55.29

129 + 00

EX. ROW — 45.00' — PROP. ROW
1.50' — 40.00'
EL = 794.02
FILL = 37.44
CUT = 47.90

128 + 50

EX. ROW — 45.00' — PROP. ROW
1.50' — 40.00'
EL = 793.58
FILL = 33.75
CUT = 38.97

128 + 00

EX. ROW — 40.00' — PROP. ROW
1.50' — 40.00'
EL = 792.97
FILL = 42.13
CUT = 28.25

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 44
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 8737	*	TAZEWELL	47	45
PROJECT NO. 7	ILLINOIS	PROJECT	M-00063-110	
*03-00089-02-PV	CONTRACT NO. 69349			

135+00 | 134+50 | 134+00 | 133+50 | 133+00 | 132+50 | 132+00 | 131+50

	135+00	134+50	134+00	133+50	133+00	132+50	132+00	131+50
EL	790.57	790.54	790.76	791.21	791.75	792.29	792.82	793.36
FILL =	22.16	35.42	31.70	31.73	37.11	34.04	28.95	26.94
CUT =	88.38	83.70	78.06	64.27	51.99	51.13	50.89	48.98

EX. ROW — 45.00' — 1.50' — 40.00' — PROP. ROW — 1:4

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

SHEET 45
OF 47

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.U. 8737	*	TAZEWELL	XX	XX
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5063-110	
*03-00088-02-PV		CONTRACT NO. 89349		

138 + 58.30

795 790 785

790.43
0.75%
790.54
0.66%
COMFORT WAY

1.50'
40.00'
4:1
4:1
PROP. ROW

℄ EL = 791.03
FILL = 58.92
CUT = 44.97

138 + 50

795 790 785

EX. ROW
45.00'
4:1
4:1
PROP. ROW

1.50'
40.00'
℄ EL = 791.11
FILL = 57.72
CUT = 43.59

138 + 00

795 790 785

EX. ROW
45.00'
4:1
4:1
PROP. ROW

1.50'
40.00'
℄ EL = 791.44
FILL = 45.46
CUT = 47.49

137 + 50

795 790 785

EX. ROW
45.00'
4:1
4:1
PROP. ROW

1.50'
40.00'
℄ EL = 791.58
FILL = 41.38
CUT = 53.79

137 + 00

795 790 785

EX. ROW
45.00'
4:1
4:1
PROP. ROW

1.50'
40.00'
℄ EL = 791.53
FILL = 40.85
CUT = 59.70

136 + 50

795 790 785

EX. ROW
45.00'
4:1
4:1
PROP. ROW

1.50'
40.00'
℄ EL = 791.30
FILL = 27.44
CUT = 74.92

136 + 00

795 790 785

EX. ROW
45.00'
4:1
4:1
PROP. ROW

1.50'
40.00'
℄ EL = 791.05
FILL = 15.30
CUT = 91.09

135 + 50

795 790 785

EX. ROW
45.00'
4:1
4:1
PROP. ROW

1.50'
40.00'
℄ EL = 790.80
FILL = 19.14
CUT = 86.14

AUSTIN ENGINEERING CO., INC.
PEORIA, ILLINOIS

CRUGER ROAD, PHASE 3
CITY OF WASHINGTON

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6737	*	TAZEWELL	47	47
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-110	

*03-00089-02-PV CONTRACT NO. 89349

141+55.22 | 141+50 | 141+00 | 140+50 | 140+00 | 139+50 | 139+00

	141+55.22	141+50	141+00	140+50	140+00	139+50	139+00
EL	790.70	790.65	790.29	790.11	790.12	790.30	790.66
FILL	9.87	22.03	31.47	22.42	17.06	22.95	38.70
CUT	68.78	65.03	49.35	66.41	80.11	74.45	55.49

6.60%

4.90%

EX. 4' x 2' BOX CULVERT 786.69

PROP. 4' x 2' BOX CULVERT 786.72

786.94

787.15

59.91'

50.70'

45.00'

40.00'

PROP. ROW

EX. ROW

1.50'

4:1

6:1

AUSTIN ENGINEERING CO., INC.

CRUGER ROAD, PHASE 3 SHEET 47
CITY OF WASHINGTON