1-15-10 Letting, Item 187

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 70528		

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

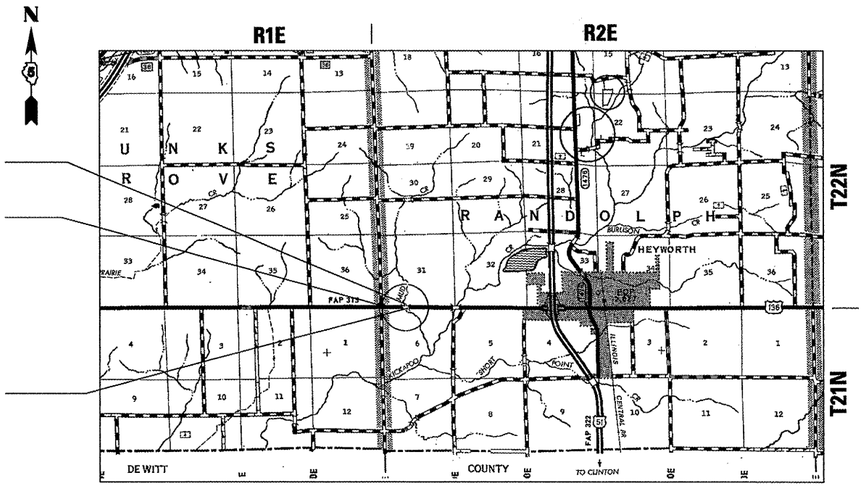
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAP ROUTE 315 (US 136)
SECTION 121–BR–1
PROJECT ACF-0315(056)
MCLEAN COUNTY
STRUCTURE REPLACEMENT
C–95–048–06
MUD CREEK 2.1 MILES WEST OF US 51

D–95–047–06

LOCATION OF SECTION INDICATED THUS: –■–



LOCATION MAP

5280′ 0′ 5280′ 10560′

GROSS & NET LENGTH OF PROJECT = 1700.00 FEET = 0.32 MILES

OTHER PRINCIPAL ARTERIAL
ADT=2700 (2007)
SU=11.4%, MU=25.1%
PC=63.5%

100′ 200′ 300′ — 1″= 100′
10′ 20′ 30′ — 1″= 10′
50′ 100′ — 1″= 50′
50′ 100′ — 1″= 40′
50′ 100′ — 1″= 30′
50′ 100′ — 1″= 20′

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: NANCY FASIG
CONSULTANT LIASON: JASON STULTS
DISTRICT 5 NO. 217–465–4181

CONTRACT NO. 70528

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 10/22 20 09
Mark E Crowder
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 4, 20 09
Charles J. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT
December 4, 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

BLANK, WESSELINK, COOK & ASSOCIATES
ENGINEERS – CONSULTANTS
DECATUR, ILLINOIS

STATE OF ILLINOIS
CHARLES W. GUTHRIE, JR.
062-050644
LICENSED PROFESSIONAL ENGINEER

Charles W. Guthrie
CHARLES W. GUTHRIE, JR., P.E.
DATE October 21 20 09
EXPIRES NOVEMBER 30, 2009

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

BLANK, WESSELINK, COOK & ASSOCIATES ENGINEERS - CONSULTANTS DECATUR, ILLINOIS

BLANK, WESSELINK, COOK & ASSOCIATES — ENGINEERS - CONSULTANTS — DECATUR, ILLINOIS

INDEX OF SHEETS

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
515001-03	NAME PLATE FOR BRIDGES
542401-01	METAL END SECTION FOR PIPE CULVERTS
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT-OF-WAY MARKERS
667101-01	PERMANENT SURVEY MARKERS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5M (15') TO 600MM (24") FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701316-04	LANE CLOSURE, 2L, 2W, BRIDGE REPAIR, FOR SPEEDS > 45 MPH
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

1. G.N. 100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

2. G.N. 105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN DATUM OF 1988 (NAVD 88).

3. G.N. 107.31
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123.

4. G.N. 201
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

5. G.N. 205
BENCHING PROCEDURES SHALL BE USED IN AREAS WHERE EXISTING EMBANKMENTS ARE WIDENED FOR THE PROPOSED PAVEMENT. STEPS SHALL BE CUT INTO THE EXISTING EMBANKMENT SLOPES AND SHALL HAVE THE FOLLOWING DIMENSIONS:
HORIZONTAL: VARIABLE
VERTICAL: 2 FEET

6. G.N. 250C (SPL)
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

7. G.N. 406
THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.

8. G.N. 406.05B
ALL LEVELING BINDER OR BINDER SHALL BE GIVEN A FOG COAT OF PRIME BEFORE THE SURFACE COURSE IS PLACED WHEN DIRECTED BY THE ENGINEER.

THE FOG COAT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER GALLON FOR BITUMINOUS MATERIAL (PRIME COAT) AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

9. GN. 406H
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION(S):	MAINLINE PAVEMENT
MIXTURE USE(S):	SURFACE COURSE & INCIDENTAL SURFACING
AC/PG:	PG 64-22
RAP %: (MAX)	15
DESIGN AIR VOIDS:	4.0% @ NDES=50
MIX COMP: (GRADATION)	IL 9.5
FRICTION AGGREGATE:	MIX "C"

LOCATION(S):	MAINLINE PAVEMENT, RUNAROUND PAVEMENT
MIXTURE USE(S):	BINDER COURSE
AC/PG:	PG 64-22
RAP %: (MAX)	25
DESIGN AIR VOIDS:	4.0% @ NDES=50
MIX COMP: (GRADATION)	IL 19.0
FRICTION AGGREGATE:	N/A

10. G.N. 542
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

11. G.N. 542B
ALL THE ENTRANCE CULVERTS LENGTHS SHOWN IN THE PLANS WERE CALCULATED WITH THE ASSUMPTION THAT METAL PIPES AND METAL END SECTIONS WOULD BE USED.

12. G.N. 542D
THIS WORK SHALL CONSIST OF REPLACING THE EXISTING ENTRANCE CULVERTS AT LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. PRIOR TO REPLACING THE CULVERT THE DITCH SHALL BE CLEANED FOR 25 FEET EACH WAY FROM THE ENDS OF THE CULVERT AS DIRECTED BY THE ENGINEER.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE CULVERTS OF THE TYPE AND SIZE SPECIFIED AND SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY TO COMPLETE THE WORK AS HEREIN SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

13. G.N. 542.07
AT LOCATIONS WHERE END SECTIONS ARE SPECIFIED, CAST-IN-PLACE CONCRETE HEADWALLS WILL NOT BE ALLOWED.

14. G.N. 667
THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR SETTING THESE MARKERS.

15. G.N. 781
RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH STANDARD 781001, AND THE DETAILS SHOWN IN THE PLANS. IF THERE IS ANY DISCREPANCY BETWEEN THE STANDARD AND THE DETAILS IN THE PLANS, THE DETAILS IN THE PLANS SHALL GOVERN. THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS AND THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED MIDWAY IN THE 30 FOOT (9M) SPACE BETWEEN THE DASHED CENTERLINE STRIPES (WHEN APPLICABLE).

16. G.N. 1004.01
COARSE AGGREGATE GRADATION CA-10 MAY BE USED WHENEVER COARSE AGGREGATE CA-6 IS SPECIFIED IN THE STANDARD SPECIFICATIONS.

17. G.N. Z0038
AN ALUMINUM TABLET OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCH MARKS.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

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	PLOT DATE = 10/21/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	2
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

	PAY CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY RURAL TWO-LANE ROADWAY STP 80% FEDERAL 20% STATE X028-2A
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	1599
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	172
	20200100	EARTH EXCAVATION	CU YD	10570
	20300100	CHANNEL EXCAVATION	CU YD	2010
	20400800	FURNISHED EXCAVATION	CU YD	7830
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	834
	20800150	TRENCH BACKFILL	CU YD	64
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	965
	21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	1000
*	25000210	SEEDING, CLASS 2A	ACRE	4.00
*	25000300	SEEDING, CLASS 3	ACRE	1.25
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	473
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	473
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	473
	25100115	MULCH, METHOD 2	ACRE	5.25
	25100630	EROSION CONTROL BLANKET	SQ YD	3437
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	525
	28000305	TEMPORARY DITCH CHECKS	FOOT	160
	28000400	PERIMETER EROSION BARRIER	FOOT	690
	28000500	INLET AND PIPE PROTECTION	EACH	1
	28100107	STONE RIPRAP, CLASS A4	SQ YD	1315
	28200200	FILTER FABRIC	SQ YD	1892
	31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	1979
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	61
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	61
	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3572
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	867
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1709
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	550
	40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	44.0
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	10
	44000100	PAVEMENT REMOVAL	SQ YD	142
	44000700	APPROACH SLAB REMOVAL	SQ YD	72
	44004000	PAVED DITCH REMOVAL	FOOT	989
	44004300	PAVEMENT BREAKING	SQ YD	1329
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2330
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
	50105220	PIPE CULVERT REMOVAL	FOOT	55

	PAY CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY RURAL TWO-LANE ROADWAY STP 80% FEDERAL 20% STATE X028-2A
	50200100	STRUCTURE EXCAVATION	CU YD	1459
	50200300	COFFERDAM EXCAVATION	CU YD	1329
	50200500	COFFERDAMS	EACH	1
	50500505	STUD SHEAR CONNECTORS	EACH	353
	50800105	REINFORCEMENT BARS	POUND	126360
	51500100	NAME PLATES	EACH	1
	54003000	CONCRETE BOX CULVERTS	CU YD	586
	542D0220	PIPE CULVERTS, CLASS D, TYPE 115"	FOOT	50
	5421D072	PIPE CULVERTS, CLASS D, TYPE 172" (TEMPORARY)	FOOT	210
	54213450	END SECTIONS 15"	EACH	2
*	63000101	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS (FOOT)	FOOT	1025.0
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4
	63200310	GUARDRAIL REMOVAL	FOOT	470
	66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	2
	67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6
	67100100	MOBILIZATION	L SUM	1
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1
	70100900	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316 (SPECIAL)	EACH	1
	70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3830
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1277
	70500100	TEMPORARY STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	612.5
*	78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3830
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	22
*	78200405	GUARDRAIL MARKERS	EACH	24
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	14
	Z0001900	ASBESTOS BEARING PAD REMOVAL	EACH	56
	Z0038700	PERMANENT BENCH MARKS	EACH	1
	Z0054400	ROCK FILL	CU YD	212
	X5121800	PERMANENT STEEL SHEET PILING	SQ FT	3554
	XZ193300	SURVEY MARKER, TYPE 1 (SPECIAL)	EACH	2
	X7050167	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)	EACH	4
	X0326790	TEMPORARY PAVEMENT (OPTION)	SQ YD	1744

*DENOTES SPECIALTY ITEM

BLANK, WESSELINK, COOK & ASSOCIATES
ENGINEERS - CONSULTANTS
DECATUR, ILLINOIS

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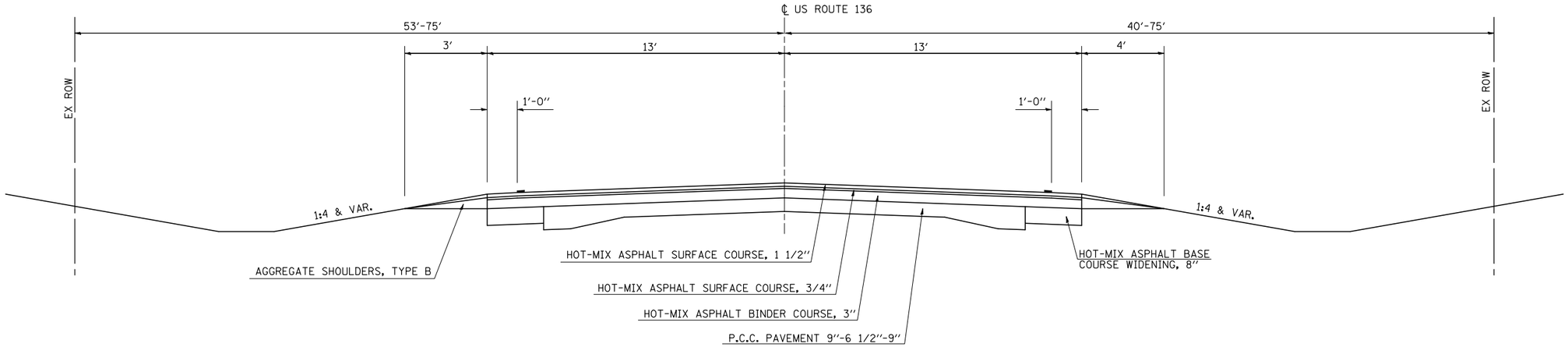
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	3
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION – US 136

STA. 381+00.00 TO STA. 398+00.00

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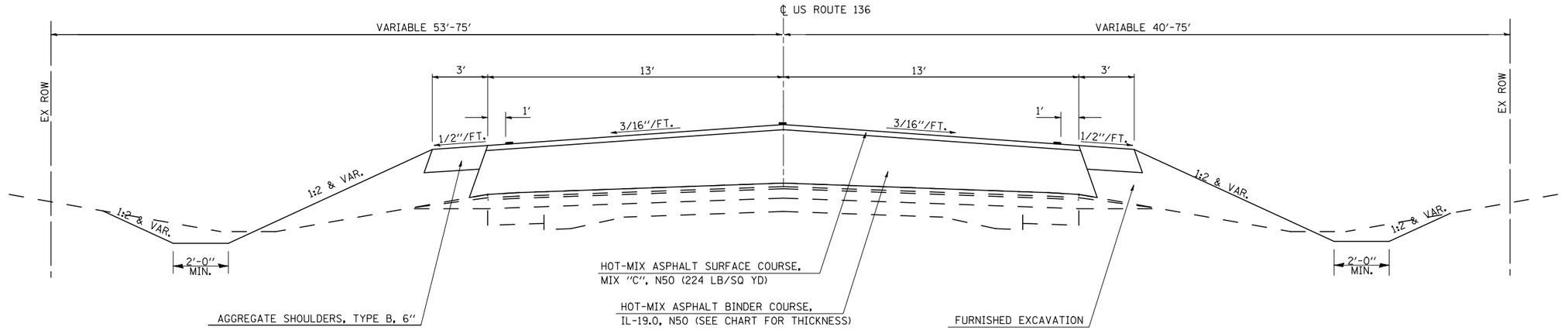
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

SCALE: | SHEET NO. 1 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	4
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

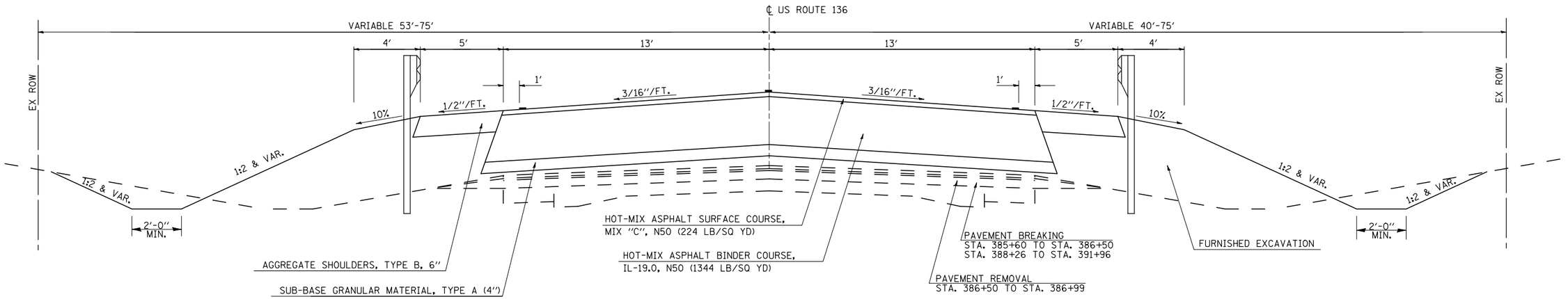


PROPOSED TYPICAL SECTION – US 136

STA. 381+00.00 TO STA. 385+60.00
STA. 391+96.00 TO STA. 398+00.00

BINDER THICKNESS CHART

STA. 383+40 TO STA. 385+60 = 3/4" TO 15"
STA. 391+96 TO STA. 393+48 = 15" TO 3/4"



PROPOSED TYPICAL SECTION – US 136

STA. 385+60.00 TO STA. 391+96.00

GUARDRAIL STATIONING

LT - STA. 384+25.00 TO STA. 389+87.50
RT - STA. 384+41.50 TO STA. 391+04.00

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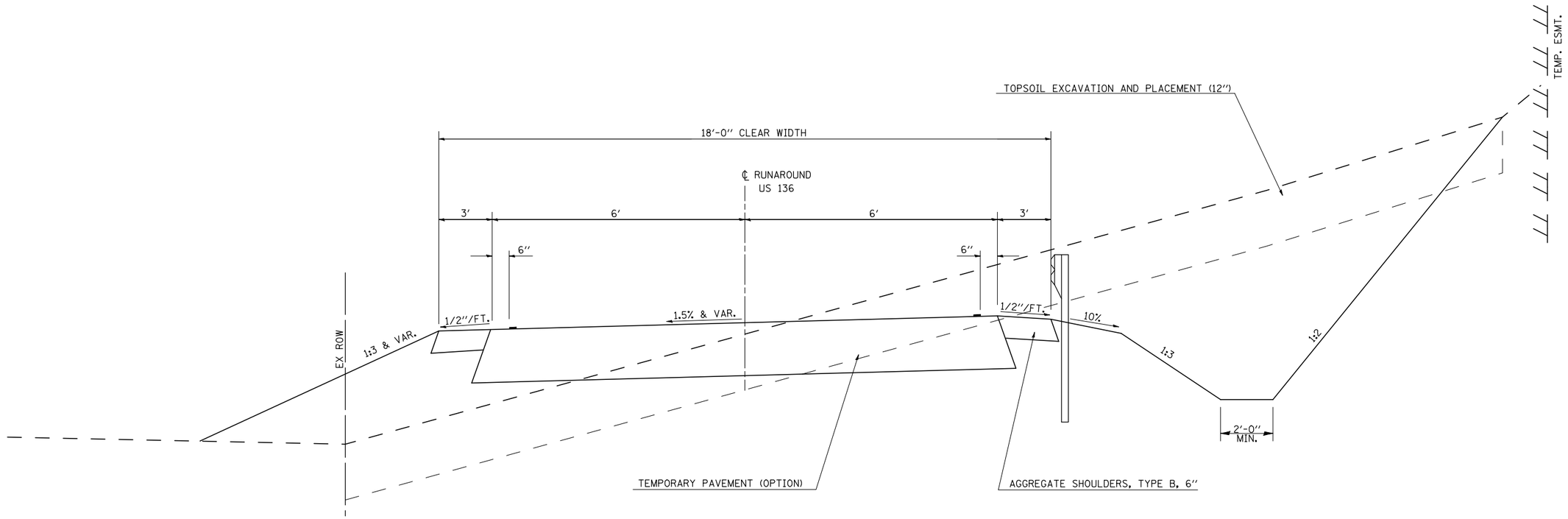
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

SCALE: | SHEET NO. 2 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	5
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROPOSED TYPICAL SECTION – RUNAROUND

STA. 12+07.22 TO STA. 25+09.49

STATIONS FOR GUARDRAIL

LT STA. 15+52.45 TO STA. 20+14.95
RT STA. 16+45.01 TO STA. 19+95.01

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS

SCALE: | SHEET NO. 3 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	6
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

STATION	OFFSET	UNITS
383+97.30	36.7′ RT	6
383+99.90	39.8′ RT	6
384+19.60	38.9′ RT	6
384+26.50	34.5′ RT	6
384+37.20	33.3′ RT	6
384+40.40	32.0′ RT	13
384+41.10	32.5′ RT	9
384+42.70	33.2′ RT	9
384+77.30	38.7′ RT	11
384+85.80	33.1′ RT	13
385+01.50	32.1′ RT	8
385+22.40	36.0′ RT	11
385+33.40	50.3′ RT	13
385+33.70	49.0′ RT	8
385+33.90	47.0′ RT	6
385+38.30	41.0′ RT	6
385+66.70	51.9′ RT	14
385+67.90	53.8′ RT	7
385+74.40	45.6′ RT	8
385+75.00	41.0′ LT	6
385+78.20	74.7′ RT	12
385+78.20	49.3′ RT	8
385+79.80	50.3′ RT	8
385+81.40	47.9′ RT	12
385+85.30	47.9′ RT	10
385+94.40	54.6′ RT	6
385+96.30	69.3′ RT	14
385+98.10	47.7′ RT	9
386+02.30	77.2′ RT	12
386+07.60	59.4′ RT	11
386+11.30	65.2′ RT	7
386+14.80	65.3′ RT	11
386+16.00	85.0′ RT	12
386+16.50	60.6′ RT	14
386+17.00	40.0′ RT	6
386+22.00	82.5′ RT	9
386+27.00	78.5′ RT	6
386+39.00	54.0′ RT	9
386+40.00	55.0′ RT	6
386+45.00	70.0′ RT	11
386+46.00	55.0′ RT	8
386+46.00	93.0′ RT	12
386+47.00	60.0′ RT	6
386+52.00	83.0′ RT	10
386+56.00	95.0′ RT	12
386+67.00	98.0′ RT	6
386+68.00	96.0′ RT	6
	SUB-TOTAL	425

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

STATION	OFFSET	UNITS
386+71.00	102.0′ RT	7
386+72.00	68.0′ RT	15
386+73.00	96.0′ RT	8
386+73.00	107.0′ RT	10
386+80.00	67.0′ RT	14
386+81.00	39.0′ RT	6
386+85.00	103.0′ RT	7
386+85.00	107.0′ RT	10
386+85.00	111.0′ RT	10
386+91.00	105.0′ RT	9
386+92.00	83.0′ RT	8
386+93.00	37.0′ RT	9
386+95.00	36.0′ RT	9
386+95.00	37.0′ RT	10
386+97.00	114.0′ RT	11
386+98.00	41.0′ RT	10
386+99.00	37.0′ RT	11
386+99.00	72.0′ RT	9
386+99.00	93.0′ RT	10
386+99.00	95.0′ RT	10
387+00.00	70.0′ RT	9
387+00.00	74.0′ RT	11
387+00.00	86.0′ RT	8
387+01.00	71.0′ RT	8
387+03.00	107.0′ RT	9
387+03.00	109.0′ RT	7
387+04.00	85.0′ RT	8
387+09.00	98.0′ RT	6
387+10.00	90.0′ RT	7
387+10.00	91.0′ RT	10
387+11.00	87.0′ RT	9
387+13.00	98.0′ RT	11
387+13.00	98.0′ RT	9
387+18.00	112.0′ RT	9
387+19.00	113.0′ RT	7
387+20.00	112.0′ RT	12
387+21.00	97.0′ RT	15
387+22.00	97.0′ RT	6
387+53.00	118.0′ RT	10
387+59.00	108.0′ RT	14
387+92.00	82.0′ RT	11
388+37.00	37.0′ RT	10
388+43.00	37.0′ RT	9
388+48.00	34.0′ RT	8
388+48.00	36.0′ RT	8
388+50.00	33.0′ RT	11
388+50.00	39.0′ RT	10
388+50.00	90.0′ RT	12
	SUB-TOTAL	448

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

STATION	OFFSET	UNITS
388+62.00	50.0′ RT	14
388+70.00	52.0′ RT	10
388+76.00	55.0′ RT	6
388+76.00	57.0′ RT	10
388+83.00	47.0′ RT	9
388+84.00	48.0′ RT	9
388+86.00	57.0′ RT	10
388+86.00	58.0′ RT	11
388+91.00	51.0′ RT	8
388+96.00	42.0′ RT	6
388+96.00	46.0′ RT	6
388+97.00	47.0′ RT	7
389+02.00	65.0′ RT	6
389+03.00	67.0′ RT	6
389+04.00	57.0′ RT	10
389+05.00	67.0′ RT	7
389+08.00	59.0′ RT	11
389+14.00	48.0′ RT	11
389+15.00	49.0′ RT	11
389+39.00	58.0′ RT	6
389+41.00	58.0′ RT	6
389+65.00	60.0′ RT	9
389+66.00	59.0′ RT	6
389+67.00	60.0′ RT	13
389+67.00	46.0′ RT	8
389+72.00	37.0′ RT	6
389+73.00	37.0′ RT	6
389+75.00	36.0′ RT	6
389+81.00	51.0′ RT	8
389+81.00	52.0′ RT	7
389+82.00	52.0′ RT	7
389+83.00	53.0′ RT	6
389+84.00	50.0′ RT	8
389+88.00	35.0′ RT	6
389+94.00	36.0′ RT	7
389+95.00	37.0′ RT	7
389+96.00	38.0′ RT	6
389+97.00	38.0′ RT	7
390+03.00	35.0′ RT	9
390+05.00	49.0′ RT	9
390+05.00	50.0′ RT	9
390+26.00	49.0′ RT	9
390+26.00	51.0′ RT	7
390+27.00	55.0′ RT	6
390+30.00	50.0′ RT	8
390+30.00	54.0′ RT	6
390+30.00	55.0′ RT	6
	SUB-TOTAL	372

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

STATION	OFFSET	UNITS
390+41.00	50.0′ RT	9
390+51.00	49.0′ RT	9
390+51.00	56.0′ RT	10
390+61.00	83.0′ RT	8
390+76.00	43.0′ RT	9
390+76.00	44.0′ RT	8
390+77.00	45.0′ RT	8
390+82.00	57.0′ RT	8
390+85.00	68.0′ RT	7
390+87.00	77.0′ RT	7
390+92.00	65.0′ RT	6
390+99.00	69.0′ RT	9
391+00.00	58.0′ RT	8
391+08.00	74.0′ RT	9
391+09.00	74.0′ RT	7
391+13.00	53.0′ RT	12
391+14.00	39.0′ RT	11
391+14.00	40.0′ RT	6
391+15.00	60.0′ RT	9
391+19.00	47.0′ RT	9
391+21.00	72.0′ RT	10
391+25.00	49.0′ RT	9
391+30.00	50.0′ RT	6
391+31.00	64.0′ RT	10
391+35.00	52.0′ RT	8
391+36.00	67.0′ RT	7
391+57.00	66.0′ RT	12
391+58.00	68.0′ RT	7
391+88.00	67.0′ RT	9
391+94.00	47.0′ RT	7
391+95.00	48.0′ RT	6
391+95.00	49.0′ RT	6
391+99.00	49.0′ RT	7
392+00.00	49.0′ RT	6
392+01.00	56.0′ RT	6
392+07.00	49.0′ RT	8
392+07.00	54.0′ RT	8
392+15.00	53.0′ RT	9
392+49.00	51.0′ RT	7
392+50.00	51.0′ RT	7
393+08.00	45.0′ RT	8
393+27.00	55.0′ RT	7
393+29.00	53.0′ RT	7
393+46.00	45.0′ RT	8
	SUB-TOTAL	354
	TOTAL	1599

TREE REMOVAL (OVER 15 UNITS DIAMETER)

STATION	OFFSET	UNITS
383+02.00	35.0′ RT	18
385+29.60	40.7′ RT	41
386+06.70	69.8′ RT	16
387+66.00	78.0′ RT	21
391+15.00	58.0′ RT	24
393+46.00	46.0′ RT	17
393+48.00	46.0′ RT	18
393+50.00	46.0′ RT	17
	TOTAL	172

EXPLORATION TRENCH 52" DEPTH

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	382+50.00	388+00.00	RT	550
US 136	388+50.00	393+00.00	RT	450
			TOTAL	1000

EROSION CONTROL BLANKET

LOCATION	STATION TO	STATION	OFFSET	SQ YD
US 136	384+50.00	386+00.00	LT	400
US 136	386+00.00	386+50.00	LT	156
US 136	386+50.00	387+00.00	LT	111
US 136	387+00.00	387+50.00	LT	156
US 136	387+50.00	390+50.00	LT	933
US 136	384+50.00	387+00.00	RT	500
US 136	387+00.00	387+25.00	RT	72
US 136	387+25.00	387+80.00	RT	116
US 136	387+80.00	388+50.00	RT	187
US 136	388+50.00	391+00.00	RT	806
			TOTAL	3437

EARTHWORK

LOCATION	EARTH EXCAVATION (CUT) (CU YD)	EARTH EXCAV. ADJUSTED FOR SHRINKAGE * (CU YD)	EMBANKMENT (FILL) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	CHANNEL EXCAVATION (CUT) (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)
US 136 STAGE I	7424	5568	1569	3999	-	965
US 136 STAGE II	271	203	7243	-7040	-	-
US 136 STAGE III	2873	2155	6942	-4787	-	-
MUD CREEK	-	-	-	-	2010	-
TOTAL	10568			-7828	2010	965
EARTH EXCAVATION	10570	FURNISHED EXCAVATION		7830		

*AN EARTH SHRINKAGE FACTOR OF 0.25 IS APPLIED

SEEDING, FERTILIZERS AND MULCH

STATION TO	STATION	OFFSET	SEEDING CLASS 2A (ACRE)	SEEDING CLASS 3 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	*MULCH, METHOD 2 (ACRE)	TEMPORARY EROSION CONTROL SEEDING (POUND)
381+00.00	398+00.00	LT	2.00	-	180	180	180	2.00	200
381+00.00	398+00.00	RT	2.00	-	180	180	180	2.00	200
382+50.00	393+00.00	RT	-	1.00	90	90	90	1.00	100
385+80.00	387+60.00	LT	-	0.25	23	23	23	0.25	25
		TOTAL	4.00	1.25	473	473	473	5.25	525

*DOES NOT INCLUDE TEMPORARY SEEDING

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		DRAWN -	REVISED -
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	PLOT DATE = 10/22/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 1 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	7
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRENCH BACKFILL

LOCATION	STATION	OFFSET	CU YD
RUNAROUND	18+02.07	LT&RT	22
RUNAROUND	18+08.80	LT&RT	21
RUNAROUND	18+15.49	LT&RT	21
	TOTAL		64

TEMPORARY DITCH CHECKS

STATION	OFFSET	FOOT
384+25	LT	10
384+50	RT	10
392+00	LT	10
393+00	RT	10
15+00	RT	10
16+00	LT	10
16+00	RT	10
17+00	LT	10
17+00	RT	10
18+50	LT	10
19+50	LT	10
20+50	LT	10
21+50	LT	10
21+50	RT	10
22+50	RT	10
23+50	RT	10
	TOTAL	160

PERIMETER EROSION BARRIER

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	385+80.00	386+20.00	LT	40
US 136	386+60.00	387+60.00	LT	100
RUNAROUND	18+50.00	24+00.00	RT	550
			TOTAL	690

STONE RIPRAP, CLASS A4

LOCATION	STATION TO	STATION	OFFSET	SQ YD
US 136	384+50.00	386+00.00	LT	167
US 136	385+50.00	387+25.00	RT	194
US 136	389+00.00	390+50.00	LT	167
US 136	390+50.00	392+00.00	RT	167
			TOTAL	695

FILTER FABRIC

LOCATION	STATION TO	STATION	OFFSET	SQ YD
US 136	384+50.00	386+00.00	LT	167
US 136	385+50.00	387+25.00	RT	194
US 136	389+00.00	390+50.00	LT	167
US 136	390+50.00	392+00.00	RT	167
			TOTAL	695

SUB-BASE GRANULAR MATERIAL, TYPE A, 4"

LOCATION	STATION TO	STATION	SQ YD
US 136	385+60.00	391+96.00	1979

AGGREGATE SURFACE COURSE, TYPE B

LOCATION	STATION TO	OFFSET	SQ FT	TON
US 136	381+88.00	RT	374	14
US 136	383+42.00	LT	300	11
US 136	393+89.00	LT	660	25
US 136	396+48.00	RT	287	11
		TOTAL	1621	61

AGGREGATE FOR TEMPORARY ACCESS

LOCATION	STATION	OFFSET	TON
US 136	381+88.00 FE	RT	14
US 136	383+42.00 FE	LT	11
US 136	393+89.00 FE	LT	25
US 136	396+48.00 FE	RT	11
		TOTAL	61

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	STATION TO	STATION	OFFSET	GALLON
US 136	383+40.00	393+48.00	LT&RT	3081
US 136	381+00.00	398+00.00	LT&RT	491
			TOTAL	3572

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	STATION TO	STATION	SQ YD
US 136	381+00.00	382+00.00	289
US 136	396+00.00	398+00.00	578
		TOTAL	867

HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50

LOCATION	STATION TO	STATION	OFFSET	TON
US 136	383+40.00	385+60.00	LT&RT	280
US 136	385+60.00	391+96.00	LT&RT	1235
US 136	391+96.00	393+48.00	LT&RT	194
			TOTAL	1709

HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50

LOCATION	STATION TO	STATION	OFFSET	TON
US 136	381+00.00	398+00.00	LT&RT	550

BITUMINOUS MATERIALS (PRIME COAT)

LOCATION	STATION	OFFSET	GALLON
FE US 136	393+89.00	LT	44

INCIDENTAL HOT-MIX ASPHALT SURFACING

LOCATION	STATION	OFFSET	TON
FE US 136	393+89.00	LT	10

PAVEMENT REMOVAL

LOCATION	STATION TO	STATION	OFFSET	SQ YD
US 136	386+50.00	386+99.00	LT&RT	142

APPROACH SLAB REMOVAL

LOCATION	STATION TO	STATION	OFFSET	SQ YD
US 136	386+83.62	386+99.54	LT	18
US 136	386+83.62	386+99.54	RT	18
US 136	388+26.27	388+42.19	LT	18
US 136	388+26.27	388+42.19	RT	18
			TOTAL	72

PAVED DITCH REMOVAL

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	384+44.00	385+70.00	LT	126
US 136	385+00.00	386+47.00	RT	147
US 136	388+94.00	392+81.00	LT	387
US 136	389+52.00	392+81.00	RT	329
			TOTAL	989

PAVEMENT BREAKING

LOCATION	STATION TO	STATION	OFFSET	SQ YD
US 136	385+60.00	386+50.00	LT&RT	260
US 136	388+26.00	391+96.00	LT&RT	1069
			TOTAL	1329

AGGREGATE SHOULDERS, TYPE B 6"

LOCATION	STATION TO	STATION	OFFSET	SQ YD
RUNAROUND	11+40.00	25+77.00	RT	479
RUNAROUND	12+46.00	24+60.00	LT	405
US 136	381+00.00	383+79.00	LT	93
US 136	383+79.00	390+33.00	LT	363
US 136	390+33.00	398+00.00	LT	256
US 136	381+00.00	383+95.00	RT	98
US 136	383+95.00	391+50.00	RT	419
US 136	391+50.00	398+00.00	RT	217
			TOTAL	2330

PIPE CULVERT REMOVAL

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	383+33.00	383+56.00	LT	23
US 136	396+33.00	396+65.00	RT	32
			TOTAL	55

PIPE CULVERTS, CLASS D, TYPE 1 72" (TEMPORARY)

LOCATION	STATION TO	STATION	OFFSET	FOOT
RUNAROUND	17+93.01	18+11.13	LT&RT	70
RUNAROUND	17+99.74	18+17.86	LT&RT	70
RUNAROUND	18+06.47	18+24.50	LT&RT	70
			TOTAL	210

STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	384+75.00	389+37.50	LT	462.5
US 136	384+91.50	390+54.00	RT	562.5
			TOTAL	1025.0

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	PLOT SCALE = 100.0000 ' / IN.	DRAWN -	REVISED -
	PLOT DATE = 10/22/2009	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 2 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	8
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT

LOCATION	STATION TO	STATION	OFFSET	EACH
US 136	384+25.00	384+75.00	LT	1
US 136	384+41.50	384+91.50	RT	1
US 136	389+37.50	389+87.50	LT	1
US 136	390+54.00	391+04.00	RT	1
			TOTAL	4

GUARDRAIL REMOVAL

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	385+81.70	386+99.30	LT	118
US 136	385+81.75	386+99.30	RT	118
US 136	388+26.30	389+43.33	LT	117
US 136	388+26.30	389+43.42	RT	117
			TOTAL	470

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

STATION	OFFSET	EACH
383+02.48	50' RT	1
385+74.19	75' RT	1
	TOTAL	2

TEMPORARY PAVEMENT MARKING - LINE 4"

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	381+00.00	398+00.00	RT	1700
US 136	381+00.00	398+00.00	CL	430
US 136	381+00.00	398+00.00	LT	1700
			TOTAL	3830

WORKZONE PAVEMENT MARKING REMOVAL

LOCATION	STATION TO	STATION	OFFSET	SQ FT
US 136	381+00.00	398+00.00	LT&RT	1277

TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION TO	STATION	OFFSET	FOOT
RUNAROUND	16+02.45	19+64.95	LT	362.5
RUNAROUND	16+95.01	19+45.01	RT	250.0
			TOTAL	612.5

PAINT PAVEMENT MARKING - LINE 4"

LOCATION	STATION TO	STATION	OFFSET	FOOT
US 136	381+00.00	398+00.00	RT	1700
US 136	381+00.00	398+00.00	CL	430
US 136	381+00.00	398+00.00	LT	1700
			TOTAL	3830

RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	STATION TO	STATION	OFFSET	TWO WAY AMBER
US 136	381+00.00	398+00.00	-	22

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	STATION TO	STATION	OFFSET	TWO WAY AMBER
US 136	381+00.00	398+00.00	-	14

GUARDRAIL MARKERS

	STATION TO	OFFSET	GUARDRAIL MARKERS
US 136			
BEGIN STA.	384+41.50	RT	
END STA.	391+04.00	RT	8
BEGIN STA.	384+25.00	LT	
END STA.	389+87.50	LT	7
RUNAROUND			
BEGIN STA.	15+52.45	LT	
END STA.	20+14.95	LT	5
BEGIN STA.	16+45.01	RT	
END STA.	19+95.01	RT	4
		TOTAL	24

TERMINAL MARKER - DIRECT APPLIED

LOCATION	STATION	OFFSET	EACH
US 136	384+25.00	LT	1
US 136	384+41.50	RT	1
US 136	389+87.50	LT	1
US 136	391+04.00	RT	1
RUNAROUND	15+52.45	LT	1
RUNAROUND	16+45.01	RT	1
RUNAROUND	19+95.01	RT	1
RUNAROUND	20+14.95	LT	1
		TOTAL	8

SURVEY MARKER, TYPE 1 (SPECIAL)

STATION	OFFSET	EACH
388+61.14	-	1
393+81.44	1.4' LT	1
	TOTAL	2

TEMPORARY PAVEMENT (OPTION)

LOCATION	STATION TO	STATION	SQ YD
RUNAROUND	11+40.00	12+45.78	57
RUNAROUND	12+45.78	24+60.27	1619
RUNAROUND	24+60.27	25+77.00	68
		TOTAL	1744

TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) TANGENT

LOCATION	STATION TO	STATION	OFFSET	EACH
RUNAROUND	15+52.45	16+02.45	LT	1
RUNAROUND	16+45.01	16+95.01	RT	1
RUNAROUND	19+45.01	19+95.01	RT	1
RUNAROUND	19+64.95	20+14.95	LT	1
			TOTAL	4

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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/22/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. 3 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	9
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC. 31, T22N, R2E, 3RD PM

N

20' 0' 20' 40'

EX. ROW

POT Sta 370+95.46

370+00 | 371 | 380+00 | 381 | 382 | 383

53'

50'

℄ FAP ROUTE 315
(U.S. ROUTE 136)

16 16 17 17 18 18

3' 13' 13' 3'

17

29 30 32 40

AGG

+42.00
AGG FE

PIPE CULVERT
REMOVAL - 23 FT

15" CMP

25 25

53'

40'

3'

13' 13' 13' 13'

EX. ROW EX. ROW EX. ROW

PR ROW

MATCH LINE 384+00.00

PLACE AGGREGATE SURFACE COURSE
TYPE B TO BRING ENTRANCE UP TO
PROPOSED SHOULDER ELEVATION. (TYPICAL)

+88.00
AGG FE

52 61 63 75

383+02.48
50' RT

MAGNAIL
IN P.P.

85.02'

US 136

80.47'

74.49'

NE CORNER
ROW

NE CORNER
HOUSE

MAG NAIL @ STA. 370+95.46

PROPOSED PROJECT
BEGINS STA. 381+00.00

SEC. 6, T21N, R2E, 3RD PM

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
DATE
BY

710 705 700 695 690 685 680 675 670

EXISTING PROFILE ROUTE 136

PROPOSED PROFILE ROUTE 136

700.99

383+00.00 RT
ELEV. 698.64

+0.00%

VPI STA. 383+00.00
ELEVATION 700.99

-1.27%

REGRADE LT DITCH TO
CREATE CREST AT ENTRANCE

1:10

-0.89 %

381+55.00 RT
ELEV. 698.43

382+23.93 RT
ELEV. 699.31

383+00.00 LT
ELEV. 698.43

383+07.57 LT
ELEV. 698.46

383+87.68 LT
ELEV. 697.34

EXISTING RIGHT DITCH

EXISTING LEFT DITCH

200.00' V.C.

701.02 | 701.00 | 700.99 700.99 | 700.97 700.99 | 700.86 700.99 | 700.75 700.91 | 700.62 700.67 | 700.00 700.28 | 699.38 699.72

380+00 380+50 381+00 381+50 382+00 382+50 383+00 383+50 384+00

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	PLOT DATE = 10/20/2009	DATE - 11/13/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE – U.S. ROUTE 136

SCALE: 1" = 20' | SHEET NO. 1 OF 4 SHEETS | STA. 378+00.00 TO STA. 384+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	10
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC. 31, T22N, R2E, 3RD PM

386+87.80
110' LT.

386+20.80
107' LT.

385+80.00
75' LT.

PERIMETER EROSION BARRIER

387+38.93
75' LT.

20' 0' 20' 40'

N

EX. ROW

PAVED DITCH REMOVAL

STEEL PLATE BEAM GUARDRAIL, TYPE A (TYP.)

RIP RAP LINED DITCH (TYPICAL) SEE DETAIL

GUARDRAIL REMOVAL (TYP.)

EXISTING BRIDGE
SN. 057-0092
℄ STA 387+62.80
126'-11" BK-BK ABUTMENTS
40'-0" FACE-FACE OF PARAPET

PC Sta 388+61.14

PAVED DITCH REMOVAL

MATCH LINE 384+00.00

MATCH LINE 390+00.00

℄ FAP ROUTE 315
(U.S. ROUTE 136)

385+00 386 387 388 389

PAVED DITCH REMOVAL

EX. ROW EX. ROW

TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) STANDARD 630301 (TYP.)

PAVED DITCH REMOVAL

PR ROW

EX. ROW

MUD CREEK

PROPOSED BOX CULVERT
S.N. 057-2041
℄ STA 387+15.00
12'x12' TRIPLE BOX CULVERT
SKEW=45° (RT. FWD.)
114'-0"

385+74.19
75' RT

BM 4806-1
A CHISELED "▭" ON TOP OF THE NORTHEAST ABUTMENT OVERHANG OF STRUCTURE NO. 057-0092 @ STA 388+26.25, -21.95'LT ELEV = 688.79.

SEC. 6, T21N, R2E, 3RD PM

BRIDGE DECK

40.38'
40.31'
31.28'

US 136

TS 403
IP W/ CAP

INSIDE COR OF PARAPET

MAG NAIL @ STA. 388+61.14

300.00' V.C.

PROPOSED PROFILE ROUTE 136

EXISTING PROFILE ROUTE 136

384+50.00 RT
ELEV. 697.31

384+50.00 LT
ELEV. 694.65

385+50.00 RT
ELEV. 693.43

385+50.00 LT
ELEV. 684.97

386+50.00 RT
ELEV. 685.84

386+00.00 LT
ELEV. 680.13

387+00.00 RT
ELEV. 680.05

NHWE 682.70

EXISTING RIGHT DITCH

EXISTING LEFT DITCH

387+50.00 LT
ELEV. 679.00

387+25.00 RT
ELEV. 680.14

PROPOSED CULVERT
U.S. INVERT=673.03
D.S. INVERT=672.79

388+50.00 LT
ELEV. 681.00

389+00.00 LT
ELEV. 682.46

389+50.00 RT
ELEV. 680.25

VPI STA. 388+50.00
ELEVATION 684.00

700 695 690 685 680 675 670

699.38 699.72 | 698.73 699.08 | 697.61 698.45 | 696.50 697.81 | 695.30 697.18 | 693.98 696.54 | 692.73 695.91 | 692.19 695.38 | 691.64 695.07 | 691.33 694.98 | 691.55 695.10 | 692.24 695.44 | 692.92 696.00

384+00 384+50 385+00 385+50 386+00 386+50 387+00 387+50 388+00 388+50 389+00 389+50 390+00

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-plnprfl.dgn	USER NAME = rcook	DESIGNED - CWG	REVISED -
		DRAWN - BWC	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2009	DATE - 11/13/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE – U.S. ROUTE 136

SCALE: 1" = 20' | SHEET NO. 2 OF 4 SHEETS | STA. 384+00.00 TO STA. 390+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	11
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

SEC. 31, T22N, R2E, 3RD PM

PI STA. = 393+81.44
△ = 0° 36′ 59″ (RT)
D = 0° 03′ 33″
R = 96,715.70′
T = 520.31′
L = 1,040.60′
E = 1.40′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 388+61.14
P.T. STA. = 399+01.74

+83.00 AGG FE

EX. ROW

INCIDENTAL HMA SURFACING TO MATCH ENTRANCE TO EOP

AGG

PAVED DITCH REMOVAL

℄ FAP ROUTE 315 (U.S. ROUTE 136)

MATCH LINE 390+00.00

MATCH LINE 396+00.00

390+00 391 392 393 394 395+00

ROCK FARM ENT

TS 404 IP W/ CAP

IP 1/2″

US 136

31.51′ 47.13′ 31.50′

IP 1/2″

SEC. 6, T21N, R2E, 3RD PM

MAG NAIL @ PI STA. 393+81.44 1.4′ LT

20′ 0′ 20′ 40′

PROPOSED PROFILE ROUTE 136

EXISTING PROFILE ROUTE 136

VPI STA. 394+50.00
ELEVATION 701.99

+1.33% -1.72%

3.00 %

3.68 %

1.21 %

393+50.00 LT
ELEV. 700.10

393+00.00 RT
ELEV. 698.28

392+00.00 RT
ELEV. 694.60

390+50.00 LT
ELEV. 691.10

390+50.00 RT
ELEV. 683.79

EXISTING RIGHT DITCH

EXISTING LEFT DITCH

400.00′ V.C.

710 705 700 695 690 685 680 675 670

692.92 696.00 | 693.60 696.66 | 694.78 697.33 | 696.09 697.99 | 697.30 698.66 | 698.47 699.33 | 699.43 699.90 | 700.06 700.28 | 700.49 700.47 | 700.42 700.46 | 700.35 700.27 | 699.88 699.89 | 699.21 699.31

390+00 390+50 391+00 391+50 392+00 392+50 393+00 393+50 394+00 394+50 395+00 395+50 396+00

PLAN: SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE: SURVEYED — PLOTTED — PROFILE CHECKED — B.M. NOTED — STRUCTURE NOTATNS CHKD — NOTE BOOK — NO. — BY — DATE

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	PLOT DATE = 10/21/2009	DATE - 11/13/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE – U.S. ROUTE 136

SCALE: 1″ = 20′ | SHEET NO. 3 OF 4 SHEETS | STA. 390+00.00 TO STA. 396+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	12
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC. 31, T22N, R2E, 3RD PM

PROPOSED PROJECT
ENDS STA. 398+00.00

EX. ROW

MATCH LINE 396+00.00

PT Sta 399+01.74

℄ FAP ROUTE 315
(U.S. ROUTE 136)

396 | 397 | 398 | 399 | 400+00 | 405+00

60′ | 47′ | 75′

3′ | 13′ | 13′ | 3′

16 | 16 | 16 | 17 | 16 | 16 | 16 | 17

12″ CMP

AGG

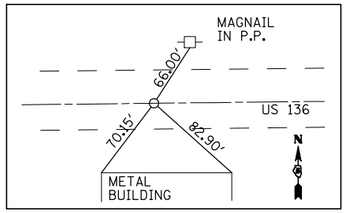
PIPE CULVERT REMOVAL

+48.00
AGG FE

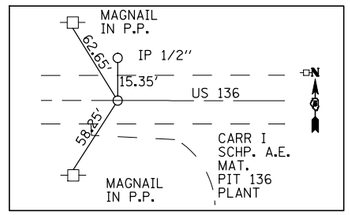
SEC. 6, T21N, R2E, 3RD PM

PIPE CULVERT, CLASS D, TYPE 1, 15″
LENGTH = 50′
USFL = 26.1′ RT, STA. 396+24.00, EL = 697.19
DSFL = 25.4′ RT, STA. 396+74.00, EL = 695.92
2 EACH, END SECTIONS, 15″

INLET AND PIPE PROTECTION
26.1′ RT, STA. 396+24.00, 1 EACH



MAG NAIL @ STA. 399+01.74



MAG NAIL @ STA. 405+82.85

PLAN
SURVEYED
PLOTTED
CHANGES CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
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PROFILE
SURVEYED
PLOTTED
CHANGES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

PROPOSED PROFILE ROUTE 136

EXISTING PROFILE ROUTE 136

EXISTING LEFT DITCH

EXISTING RIGHT DITCH

695.97

710 | 705 | 700 | 695 | 690 | 685 | 680 | 675 | 670

699.21 699.31 | 698.54 698.55 | 697.73 697.69 | 696.85 696.83 | 695.97 695.97 | 695.09 | 694.21 | 693.31 | 692.40

396+00 | 396+50 | 397+00 | 397+50 | 398+00 | 398+50 | 399+00 | 399+50 | 400+00

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	PLOT DATE = 10/20/2009	DATE - 11/13/08	REVISED -

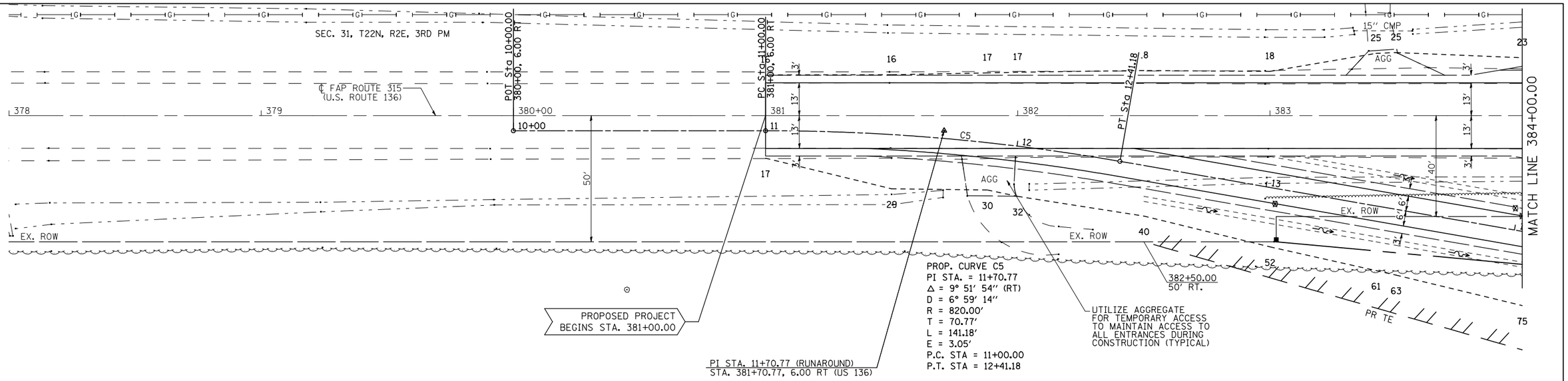
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE – U.S. ROUTE 136

SCALE: 1″ = 20′ | SHEET NO. 4 OF 4 SHEETS | STA. 396+00.00 TO STA. 402+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	13
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

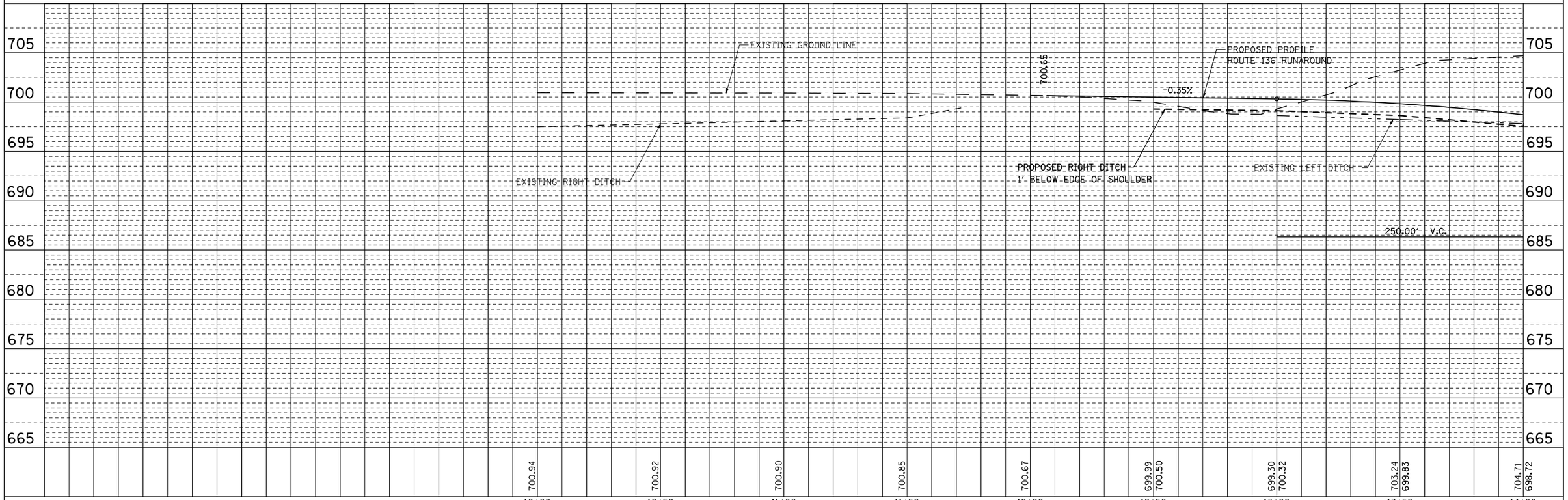
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE



PAVEMENT CROSS SLOPE (CS) TRANSITIONS

STA TO STA	CS RATE
12+06.71 TO 12+81.00 (LT & RT)	1.5%
12+81.00 TO 15+60.00 (LT & RT)	1.5% TO 0%
15+60.00 TO 15+91.00 (LT & RT)	0% TO 1.5%
15+91.00 TO 19+07.00 (LT & RT)	1.5%
19+07.00 TO 19+38.00 (LT & RT)	1.5% TO 0%
19+38.00 TO 24+10.00 (LT & RT)	0% TO 1.5%
24+10.00 TO 25+07.86 (LT & RT)	1.5%

PROFILE
SURVEYED
PLOTTED
CHANGES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE



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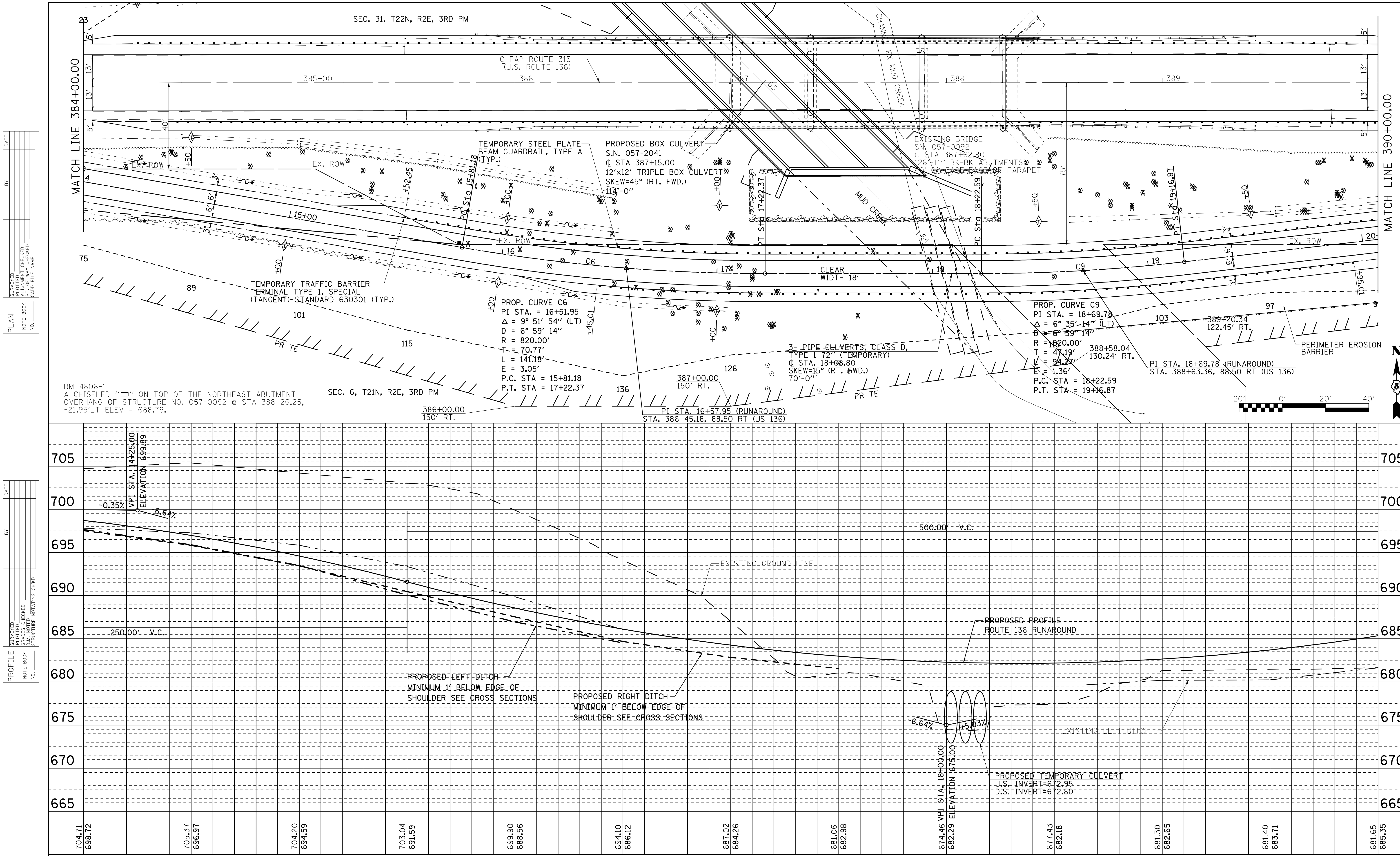
		DRAWN - BWC	REVISED -			315	121-BR-1	MCLEAN	67	14
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -						CONTRACT NO. 70528	
	PLOT DATE = 10/20/2009	DATE - 11/13/08	REVISED -		SCALE: 1" = 20' SHEET NO. 1 OF 4 SHEETS STA. 378+00.00 TO STA. 384+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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	PLOT DATE = 10/20/2009	DATE - 11/13/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE – RUNAROUND

SCALE: 1" = 20' | SHEET NO. 2 OF 4 SHEETS | STA. 384+00.00 TO STA. 390+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	15

CONTRACT NO. 70528

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

MATCH LINE 390+00.00

MATCH LINE 396+00.00

℄ FAP ROUTE 315
(U.S. ROUTE 136)

SEC. 31, T22N, R2E, 3RD PM

AGG

390+00 | 391 | 392 | 393 | 394

PC Sta 25+16.87

25+00

C10

EX. ROW

PI STA. 25+66.82 (RUNAROUND)
STA. 395+56.57, 5.95 RT (US 136)

PROP. CURVE C10
PI STA. = 25+66.82
Δ = 6° 58′ 23″ (RT)
D = 6° 59′ 14″
R = 820.00′
T = 49.96′
L = 99.80′
E = 1.52′
P.C. STA = 25+16.87
P.T. STA = 26+16.66

393+00.00
75′ RT.

PR TE

PERIMETER EROSION BARRIER

20′ 0′ 20′ 40′

N

SEC. 6, T21N, R2E, 3RD PM

EXISTING GROUND LINE

VPI STA. 23+00.00
ELEVATION 700.14

+5.08%

+0.02%

700.18

PROPOSED PROFILE
ROUTE 136 RUNAROUND

PROPOSED LEFT DITCH
MINIMUM 1′ BELOW EDGE OF
SHOULDER SEE CROSS SECTIONS

PROPOSED RIGHT DITCH
MINIMUM 1′ BELOW EDGE OF
SHOULDER SEE CROSS SECTIONS

EXISTING RIGHT DITCH

250.00′ V.C.

EXISTING LEFT DITCH

705	700	695	690	685	680	675	670	665

681.65	683.58	686.68	690.73	695.97	701.36	703.30	701.34	699.68	699.76	700.12	699.91	699.28
685.35	687.57	690.08	692.60	695.05	697.06	698.57	699.59	700.10	700.17	700.18		

20+00 | 20+50 | 21+00 | 21+50 | 22+00 | 22+50 | 23+00 | 23+50 | 24+00 | 24+50 | 25+00 | 25+50 | 26+00

PLAN: SURVEYED; PLOTTED; ALIGNMENT CHECKED; RT. OF WAY CHECKED; CADD FILE NAME; NOTE BOOK; NO.; BY; DATE

PROFILE: SURVEYED; PLOTTED; GRADES CHECKED; B.M. NOTED; STRUCTURE NOTATNS CHKD; NOTE BOOK; NO.; BY; DATE

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	PLOT DATE = 10/20/2009	DATE - 11/13/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE – RUNAROUND

SCALE: 1″ = 20′ | SHEET NO. 3 OF 4 SHEETS | STA. 390+00.00 TO STA. 396+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	16
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

SEC. 31, T22N, R2E, 3RD PM

MATCH LINE 396+00.00

PT Sta 396+05.92, 6.00' RT

POT Sta 397+00.00, 6.00' RT

PT Sta 26+16.66

POT Sta 27+10.74

℄ FAP ROUTE 315
(U.S. ROUTE 136)

397 398 399 400+00 401 40

16 16 17 16 16 16 17

13' 13' 13' 13' 13' 13'

3' 3'

27

12" CMP
AGG

12" CMP
AGG

75'

47'

EX. ROW

EX. ROW

EX. ROW

PROPOSED PROJECT
ENDS STA. 398+00.00

N

20' 0' 20' 40'

SEC. 6, T21N, R2E, 3RD PM

PROFILE
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

EXISTING GROUND LINE

EXISTING RIGHT DITCH

705 700 695 690 685 680 675 670 665

699.28 698.61 697.84

26+00 26+50 27+00

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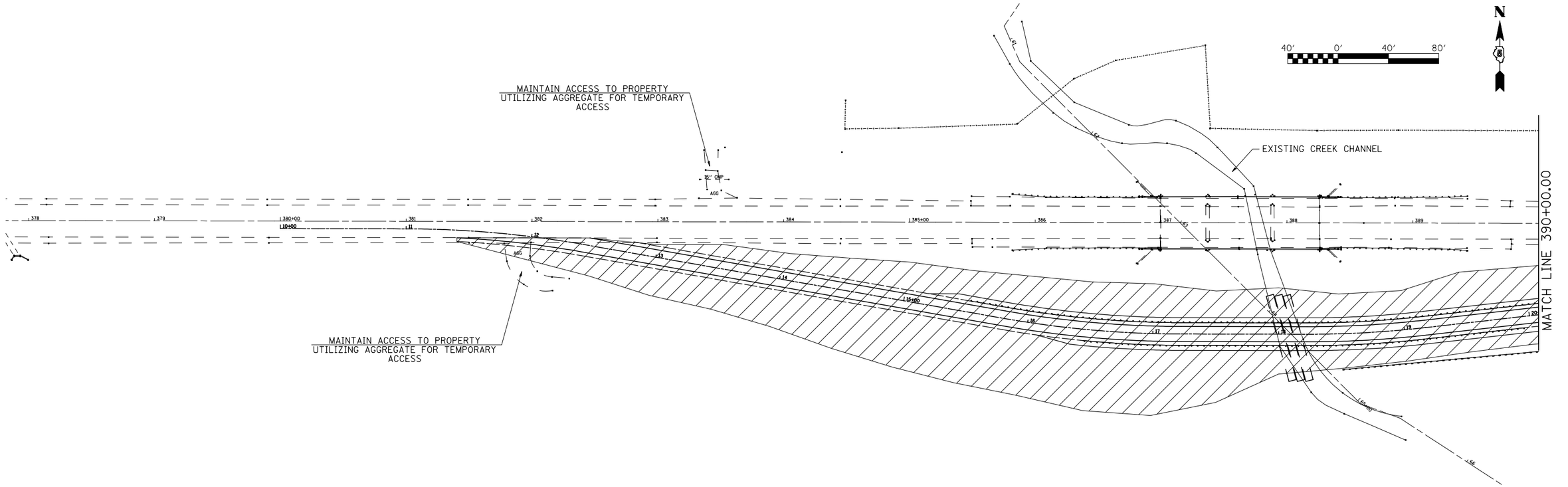
	PLOT DATE = 10/20/2009	DATE - 11/13/08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE – RUNAROUND

SCALE: 1" = 20' | SHEET NO. 4 OF 4 SHEETS | STA. 396+00.00 TO STA. 402+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	17
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

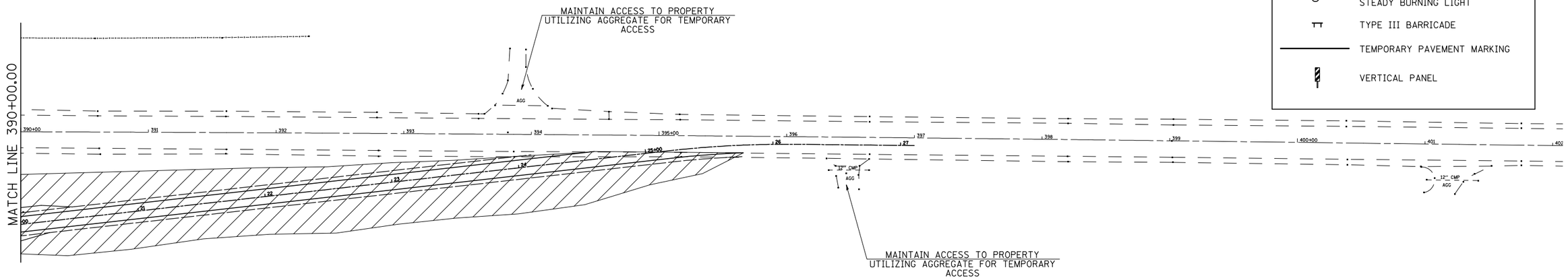


STAGE I NOTES

1. CONSTRUCT TEMPORARY CULVERT UTILIZING TRAFFIC CONTROL STANDARD 701006.
2. CONSTRUCT RUNAROUND DETOUR UTILIZING TRAFFIC CONTROL STANDARDS 701006, 701011, AND 701326.

LEGEND

- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM WITH BI-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING
- VERTICAL PANEL



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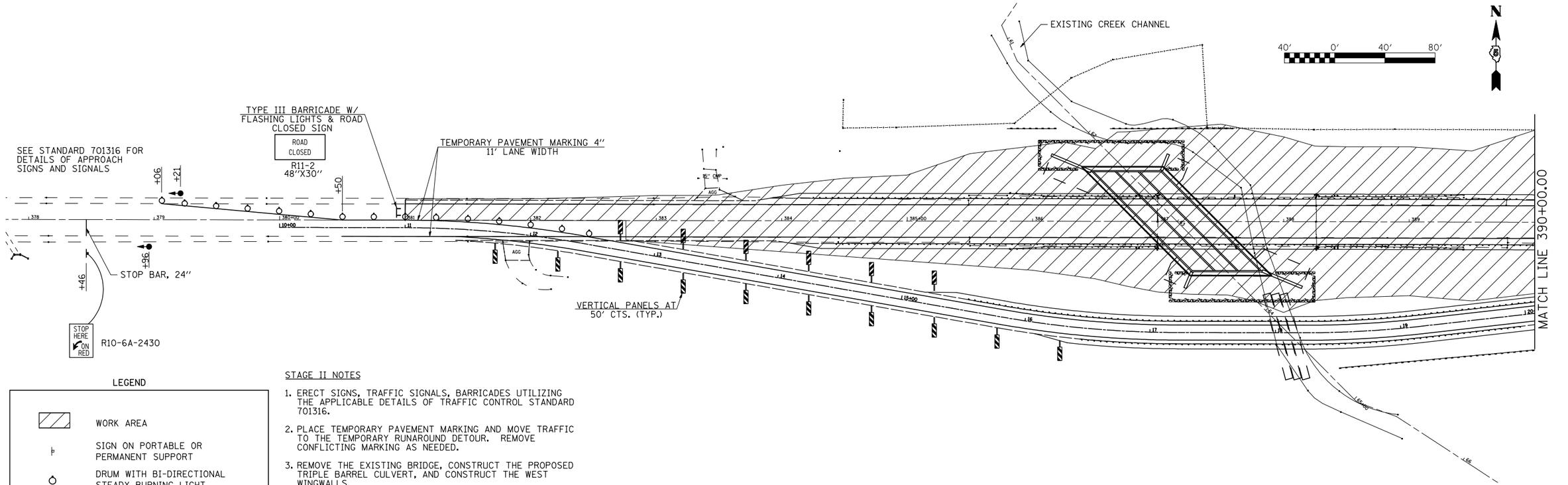
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE I CONSTRUCTION

SCALE: | SHEET NO. 1 OF 3 SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	18
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

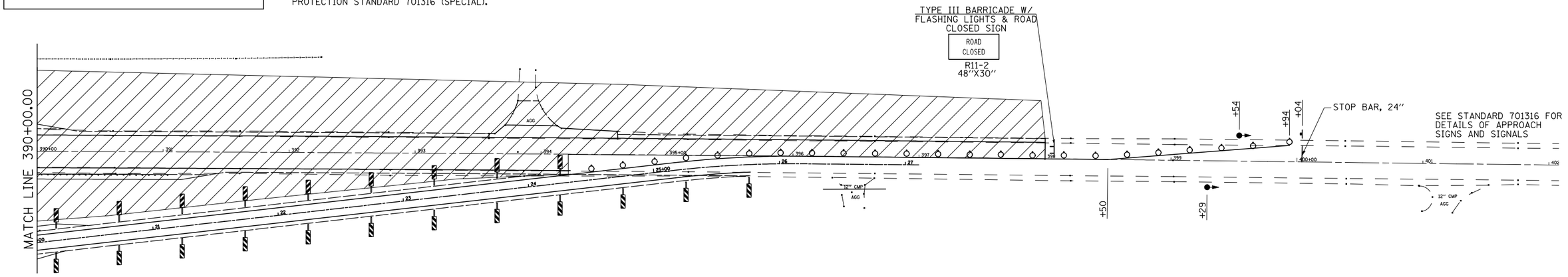


LEGEND

- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM WITH BI-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING
- VERTICAL PANEL

STAGE II NOTES

1. ERECT SIGNS, TRAFFIC SIGNALS, BARRICADES UTILIZING THE APPLICABLE DETAILS OF TRAFFIC CONTROL STANDARD 701316.
2. PLACE TEMPORARY PAVEMENT MARKING AND MOVE TRAFFIC TO THE TEMPORARY RUNAROUND DETOUR. REMOVE CONFLICTING MARKING AS NEEDED.
3. REMOVE THE EXISTING BRIDGE, CONSTRUCT THE PROPOSED TRIPLE BARREL CULVERT, AND CONSTRUCT THE WEST WINGWALLS.
4. REALIGN CHANNEL THROUGH BOX CULVERT AND CONSTRUCT EAST WINGWALLS AND EMBANKMENT. DIRECT FLOW THROUGH TEMPORARY CULVERTS.
5. CONSTRUCT NEW PAVEMENT TO THE PROPOSED GRADELINE, AS SHOWN ON THE PLAN.
6. ALL TRAFFIC CONTROL ITEMS DESCRIBED FOR STAGE II CONSTRUCTION, WILL BE PAID FOR AS TRAFFIC CONTROL & PROTECTION STANDARD 701316 (SPECIAL).



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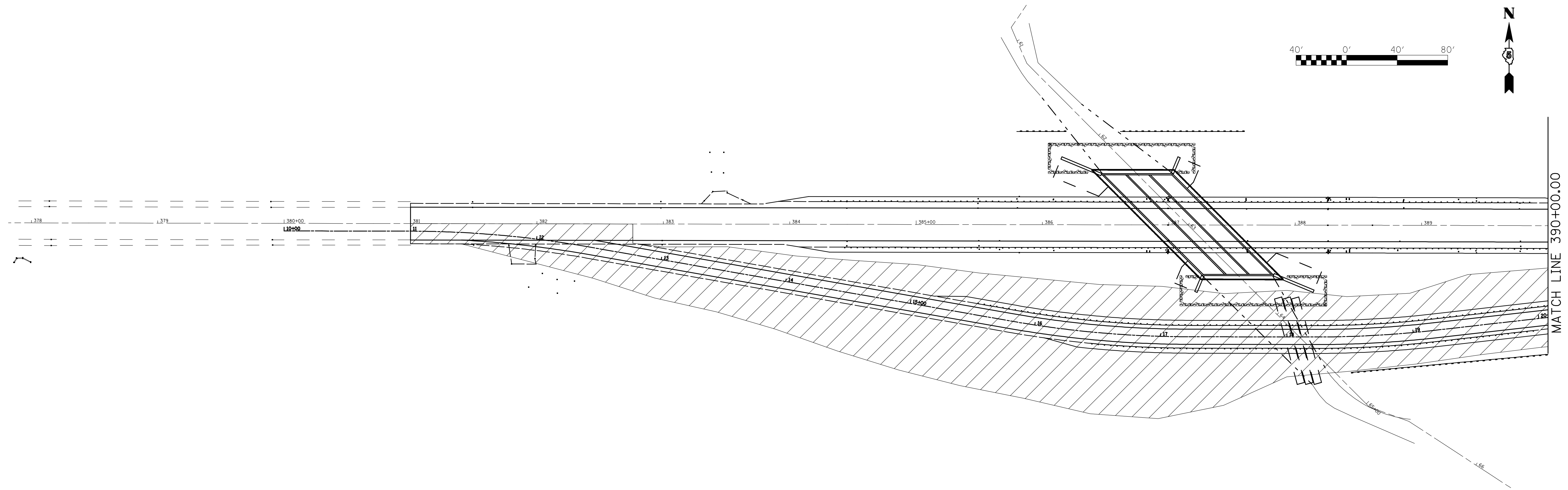
	PLOT SCALE = 80.0000 ' / IN.	DRAWN -	REVISED -					315	121-BR-1	MCLEAN	67	19
	PLOT DATE = 10/20/2009	CHECKED -	REVISED -							CONTRACT NO. 70528		
		DATE -	REVISED -		SCALE:	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

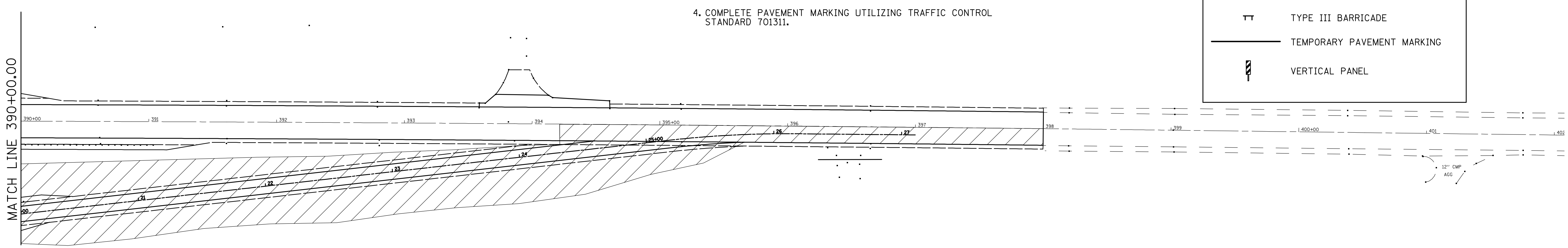


STAGE III NOTES

1. OPEN US 136 TO THROUGH TRAFFIC, UTILIZING TRAFFIC CONTROL STANDARD 701306 FOR INSTALLATION OF BUTT-JOINTS AND HOT-MIX ASPHALT BINDER AND SURFACE COURSE AT RUNAROUND CONNECTIONS.
2. REMOVE RUNAROUND AND TEMPORARY CULVERT. UTILIZING TRAFFIC CONTROL STDS. 701006 AND 701011.
3. COMPLETE EMBANKMENT AND DITCHES AND SEEDING UTILIZING TRAFFIC CONTROL STDS. 701006 AND 701011.
4. COMPLETE PAVEMENT MARKING UTILIZING TRAFFIC CONTROL STANDARD 701311.

LEGEND

- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DRUM WITH BI-DIRECTIONAL STEADY BURNING LIGHT
- TYPE III BARRICADE
- TEMPORARY PAVEMENT MARKING
- VERTICAL PANEL



COMPLETE RIGHT SIDE OF MAINLINE EMBANKMENT STA. 391+00 TO 394+25. SEE US ROUTE 136 CROSS SECTIONS.

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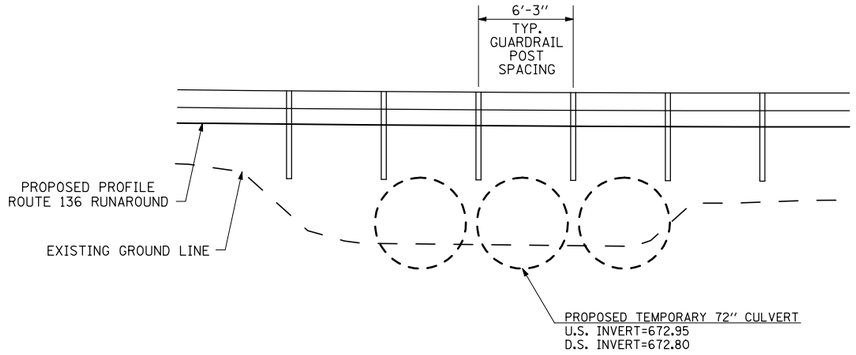
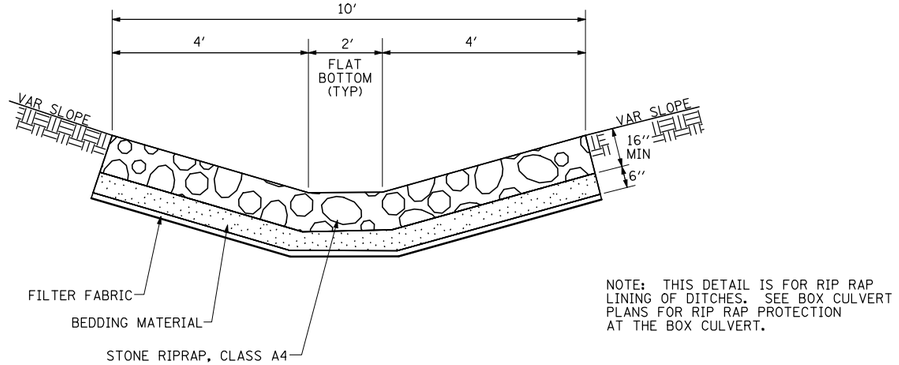
		DRAWN -	REVISED -			CONTRACT NO. 70528
	PLOT SCALE = 80.0000 '/ IN.	CHECKED -	REVISED -			
	PLOT DATE = 10/20/2009	DATE -	REVISED -		SCALE: · SHEET NO. 3 OF 3 SHEETS · STA. · TO STA.	FED. ROAD DIST. NO. · ILLINOIS · FED. AID PROJECT

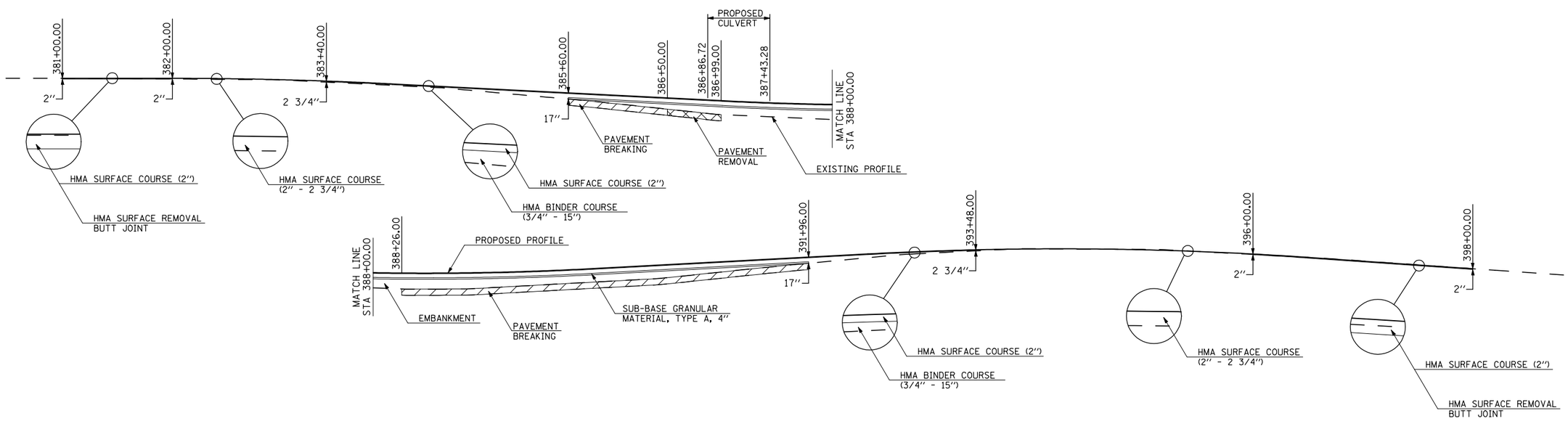


DETAIL OF GUARDRAIL OVER TEMPORARY CULVERTS



DETAIL OF STONE RIPRAP, CLASS A4

DETAIL OF PROFILE CHANGE, US 136



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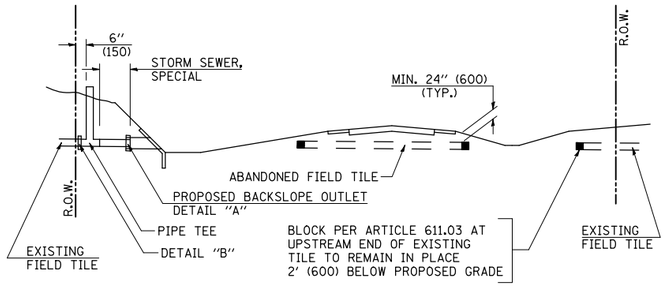
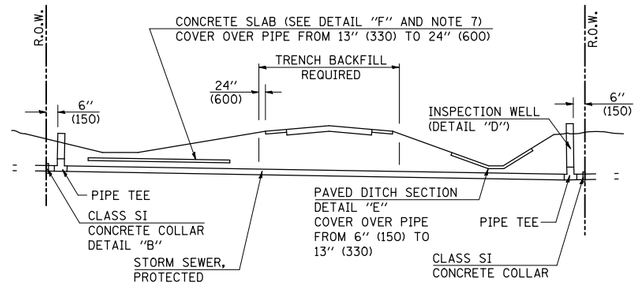
	PLOT DATE = 10/21/2009	DATE -	REVISED -							CONTRACT NO. 70528		
					SCALE:	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



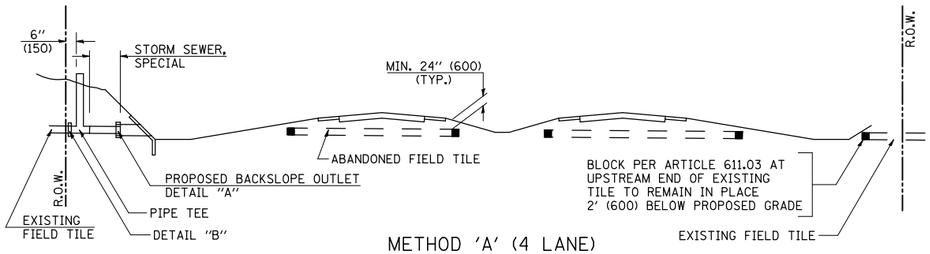
METHOD 'A' (2 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE



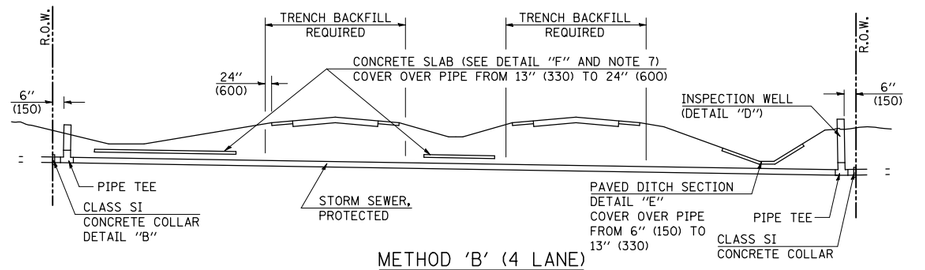
METHOD 'B' (2 LANE)

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENT AND PAVED DITCH



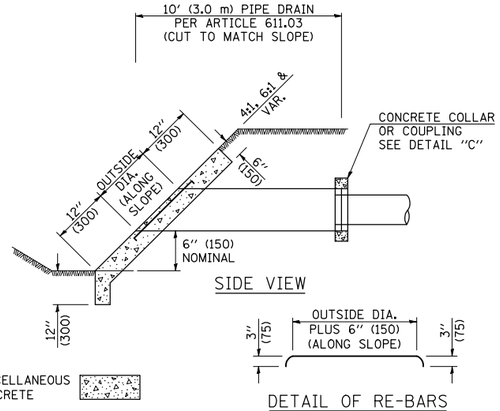
METHOD 'A' (4 LANE)

STORM SEWER FLOW LINE ABOVE PROPOSED DITCH FLOW LINE

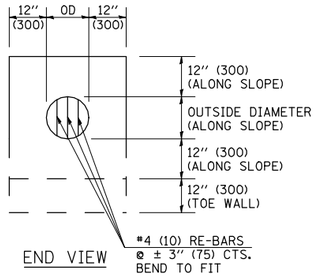


METHOD 'B' (4 LANE)

STORM SEWER LESS THAN 2' (600 mm) BELOW DITCH FLOW LINE AND STORM SEWERS CROSSING UNDER PAVEMENTS AND PAVED DITCHES

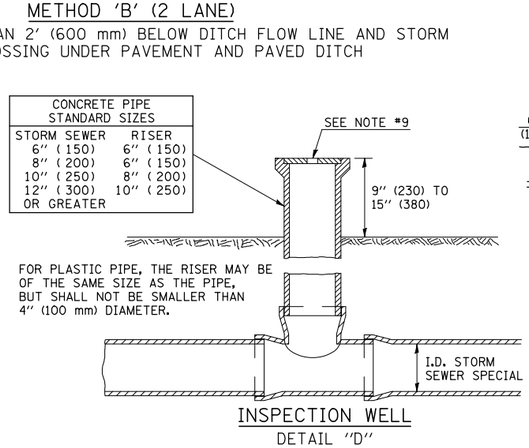


DETAIL OF RE-BARS



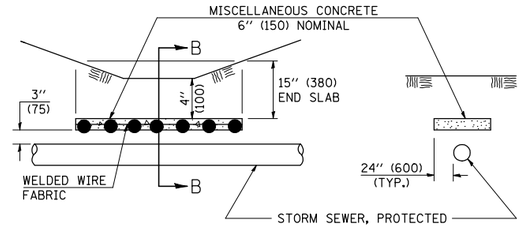
HEADWALL FOR BACKSLOPE OUTLET

DETAIL "A"



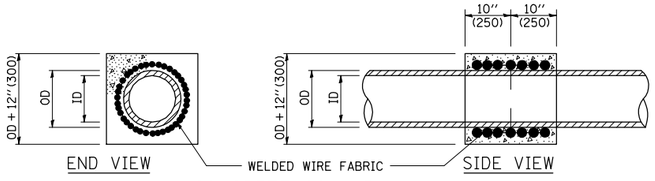
INSPECTION WELL

DETAIL "D"



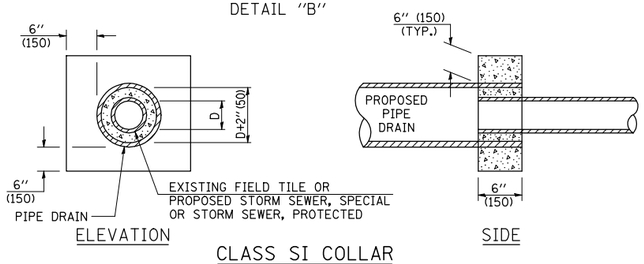
SLAB ELEVATION

SECTION B-B



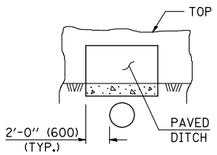
CONCRETE COLLAR

DETAIL "B"



CLASS SI COLLAR

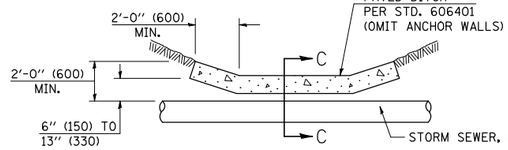
DETAIL "C"



SECTION C-C

PAVED DITCH

DETAIL "E"



PAVED DITCH ELEVATION

CONCRETE SLAB

DETAIL "F"

GENERAL NOTES

1. EXISTING FIELD TILE ENCOUNTERED BY EXPLORATION TRENCH SHALL BE INSPECTED BY THE ENGINEER FOR UNOBSTRUCTED FLOW WITHIN THE LIMITS OF THE RIGHT-OF-WAY.
2. ONLY FIELD TILE THAT DOES NOT HAVE SATISFACTORY FLOW AND OR HAS VISIBLE SIGNS OF DETERIORATION (SINK HOLES, ETC.) SHALL BE REPLACED WITHIN THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH METHOD "B".
3. INSPECTION WELLS SHALL BE CONSTRUCTED APPROXIMATELY 6" (150 mm) INSIDE OF BOTH RIGHT-OF-WAY LINES AT ALL FIELD TILE LOCATIONS.
4. EXISTING FIELD TILE ABANDONED UNDER EXISTING PAVEMENTS OR PAVED SHOULDERS SHALL BE FILLED WITH FLOWABLE GROUT AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
5. NON-CIRCULAR FIELD TILE SHALL BE REPLACED WITH STORM SEWER, SPECIAL OF AT LEAST THE SAME CROSS SECTIONAL AREA. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR THE MINIMUM DEPTH OF COVER.
6. THE 6" (150 mm) CONCRETE SLAB OR DITCH LINING SHALL BE POURED THE LENGTH OF THE TRENCH AT ALL DITCH FLOW LINE LOCATIONS WITHIN THE RIGHT-OF-WAY WITH LESS THAN 2' (600 mm) OF EARTH COVER. MISCELLANEOUS CONCRETE SHALL BE USED ACCORDING TO SECTION 611.
7. ALL MISCELLANEOUS SLABS, APRONS AND DITCH LININGS SHALL BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN FOR PAVED DITCH IN STANDARD 606401.
8. HEADWALL FOR BACKSLOPE OUTLET MAY BE USED FOR PIPE DRAIN DIAMETERS UP TO 10" (250 mm). SPECIAL DESIGNS WILL BE REQUIRED FOR LARGER SIZES.
9. THE INSPECTION WELL LID FOR P.C.C. PIPE SHALL BE CONSTRUCTED OF 3/8" (10 mm) CAST IRON AND PROVIDED WITH A 1" (25 mm) DIAMETER HOLE IN CENTER. THE LID FOR THE OTHER PIPE MATERIALS SHALL BE A GRATE ASSEMBLY PREFABRICATED FOR AND COMPATIBLE WITH THE PIPE SYSTEM.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 61101011A

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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIELD TILE SYSTEMS (TREATMENT OF EXISTING)

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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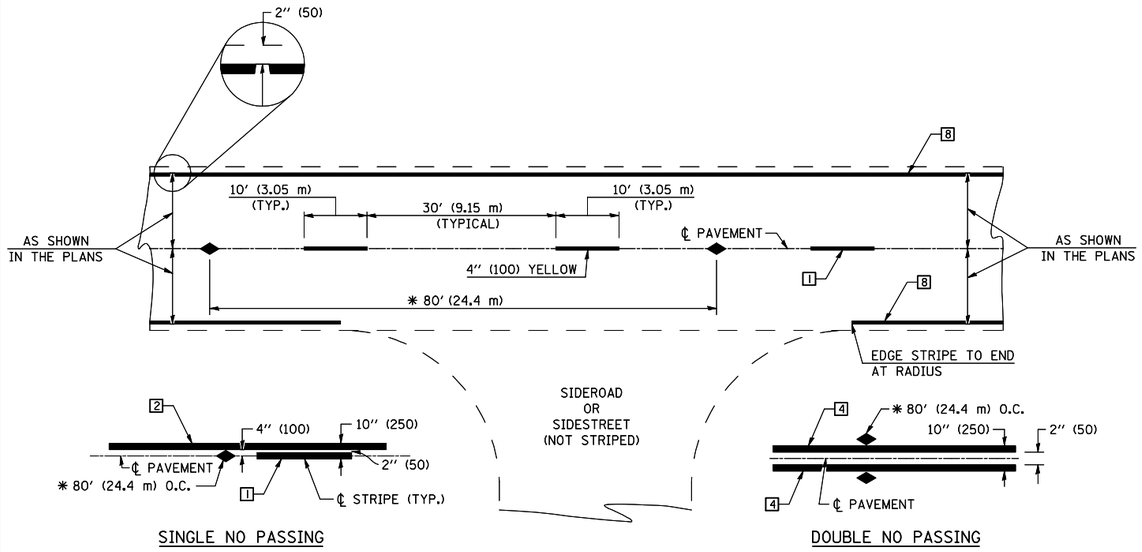
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SINGLE NO PASSING

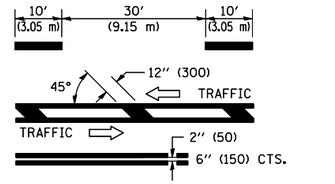
DOUBLE NO PASSING

* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

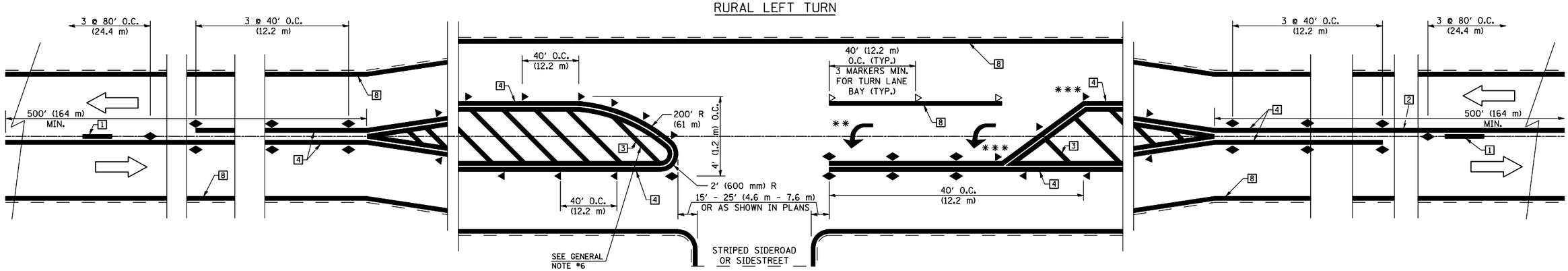
1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. RESERVED
6. RESERVED
7. 4" (100) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) LANE LINE EXTENSIONS (WHITE)
14. 4" (100) PARKING WHITE



TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

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	PLOT DATE = 10/20/2009	CHECKED -	REVISED -
		DATE -	REVISED -

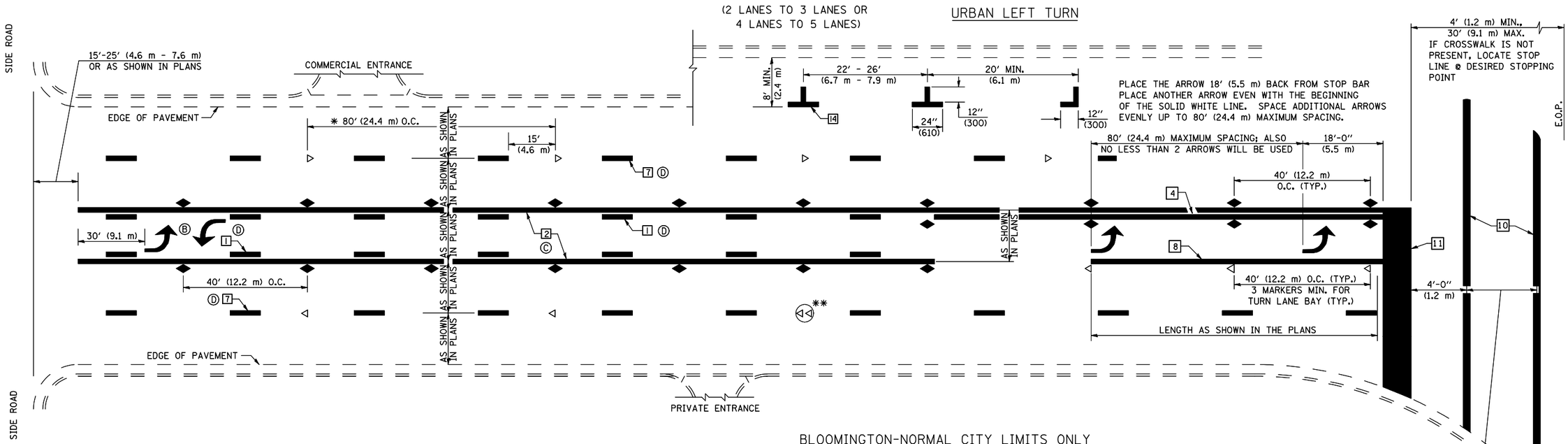
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 1 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	23
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

URBAN LEFT TURN



BLOOMINGTON-NORMAL CITY LIMITS ONLY

* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

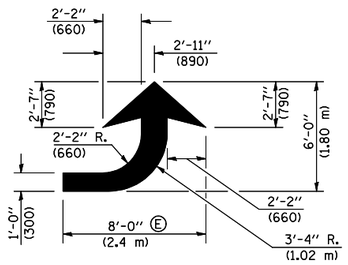
GENERAL NOTES:

Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.

Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.

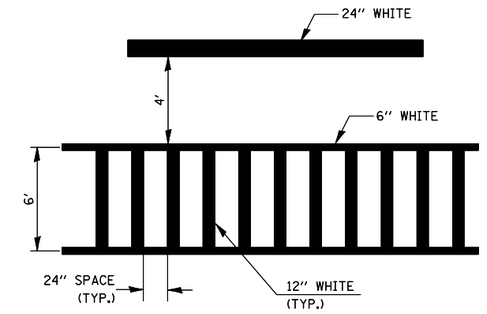
Ⓓ THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.

Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)

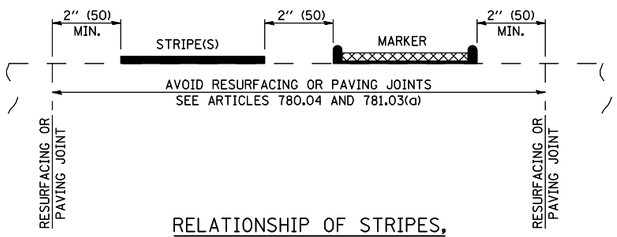


LEFT ARROW

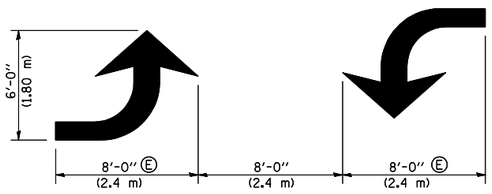
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m^2)
(WHITE)



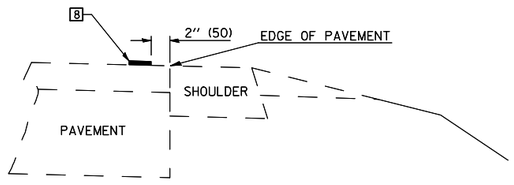
TYPICAL SPACING FOR
CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES,
MARKERS AND JOINTS



TYPICAL DOUBLE
TURN ARROWS (WHITE)



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

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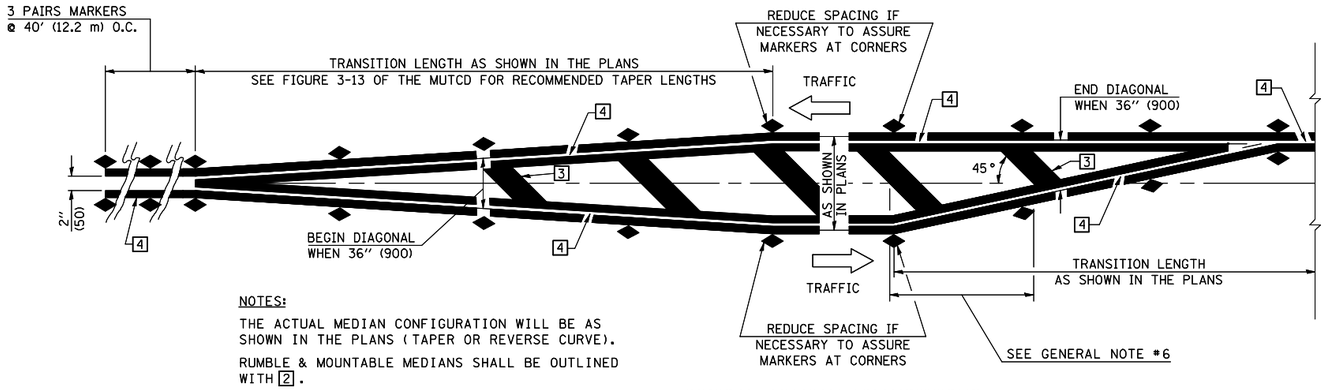
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 2 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	24
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

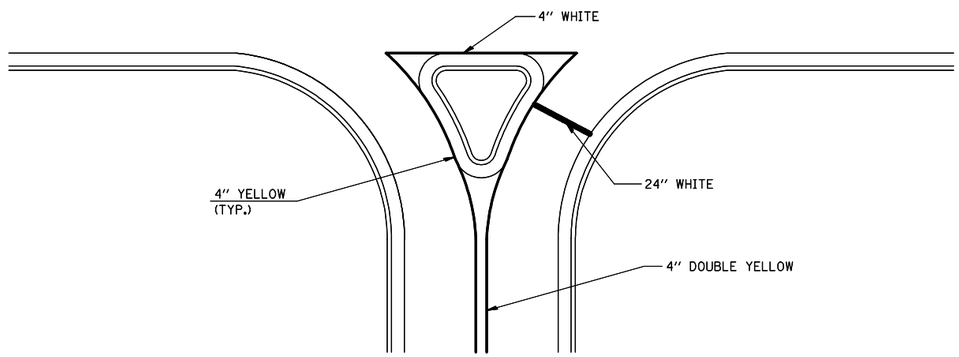
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).

RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

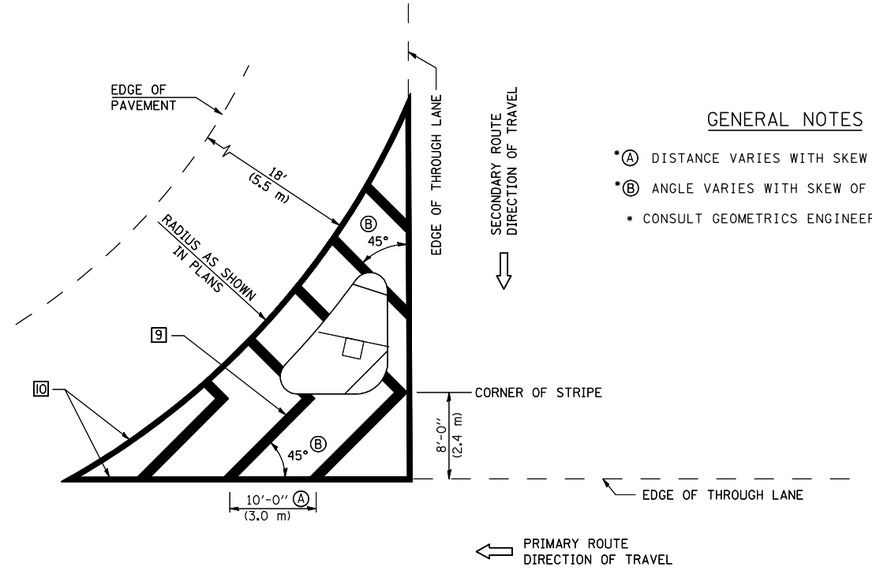
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
   <30 MPH USE 15' (<50 km/h USE 4.5 m)
   30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
   >45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

*Ⓐ DISTANCE VARIES WITH SKEW OF INTERSECTION.

*Ⓑ ANGLE VARIES WITH SKEW OF INTERSECTION.

• CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

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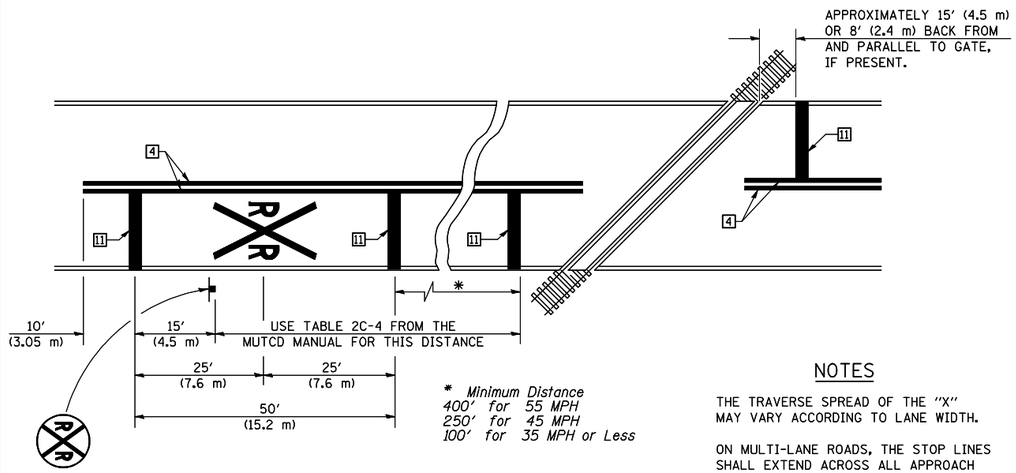
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 3 OF 4 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	25
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

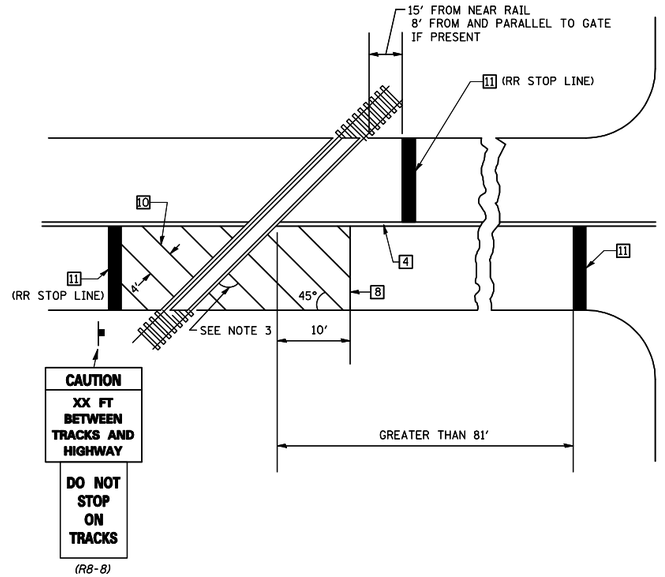
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

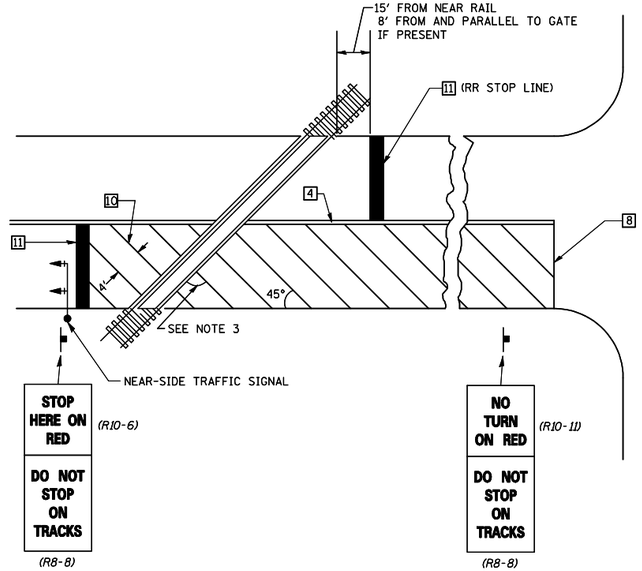
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

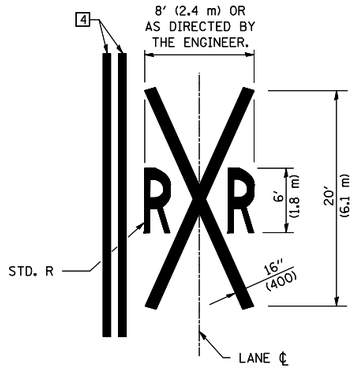
RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-details.dgn	USER NAME = rcook	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ′ / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

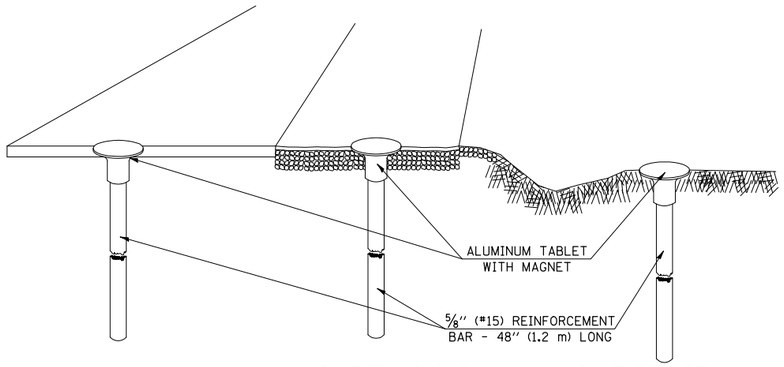
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 4 OF 4 SHEETS | STA. | TO STA.

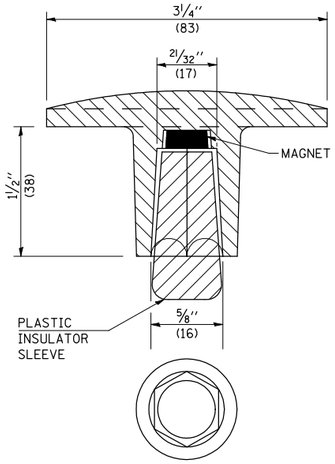
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	26
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

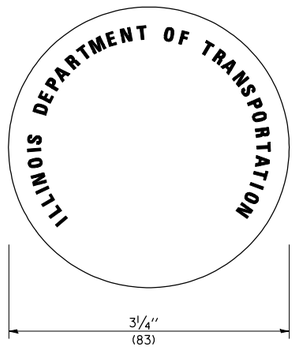
XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



IN FLEXIBLE PAVEMENT OR SHOULDER | IN BITUMINOUS TREATED SURFACE | IN TURF AREAS WITHIN R.O.W.





THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE I, (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE SURVEY MARKER.
2. ALL SURVEY MARKERS, TYPE I, (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE I, (SPECIAL).

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3 1/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

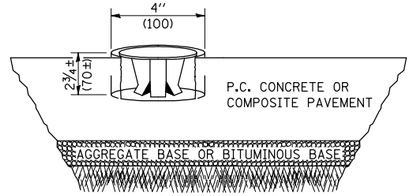
SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

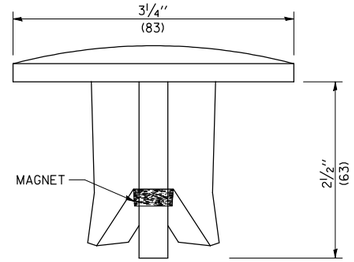
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



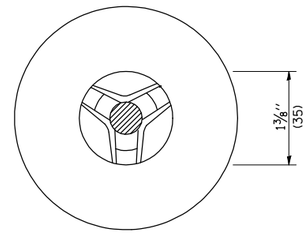
SPECIFICATIONS FOR ALUMINUM TABLET (FORKED)

ALUMINUM TABLET (FORKED) FOR USE WITH "SURVEY MARKER, TYPE 2, (SPECIAL)" SHALL BE AS SHOWN ON THE DETAIL FOR THE 3 1/4" (83 mm) CONVEX SURVEY TABLET WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE FOR LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM TABLET SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM TABLET SHALL BE DESIGNED NOT TO TURN OR ROTATE. THREE PRONGS ON A 2 1/2" (63 mm) STEM SHALL BE SUCH THAT THE ALUMINUM TABLET CANNOT BE EASILY REMOVED.

COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD 19,000-21,000 PSI (131-145 MPa); TENSILE 38,000-44,000 PSI (262-303 MPa); ELONGATION 10-15% [IN 2" (50 mm)]. SPECIFICATIONS: ALLOY 535.0; QQ-A-601ES. NO EXCEPTIONS.



SIDE VIEW



BOTTOM VIEW

THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND ALL LABOR AND MATERIAL TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. XZ193AAA

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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	27
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Bench Mark-"133 Orange paint, E. edge of NW. wingwall. 17' Lt. Sta. 386+96 Elev. 692.95

Exist. Structure-No. 057-0092 built in 1936 on FA Rte 119, Sec. 121-B Old Sta. 387+84 R.C. deck girders, closed conc. abutments and solid conc. piers.

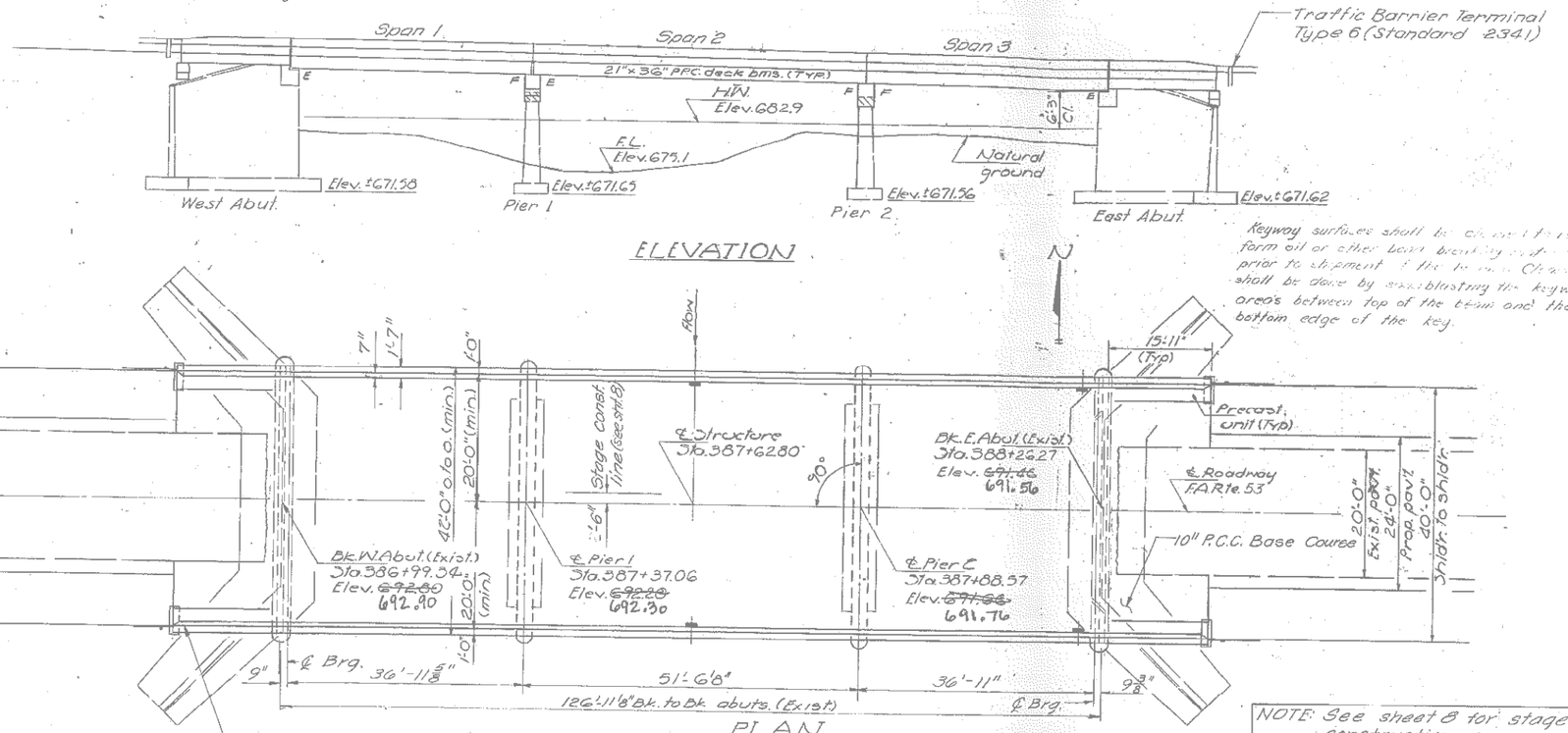
The Superstructure will be removed, the Structure widened and Traffic maintained utilizing stage construction and temporary bridge rail. No salvage. See Special Provisions for deck removal sequence.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Expansion guards which are not cast in the precast unit shall be fabricated and erected in accordance with Art. 505.07(c) of the Std. Specs. and are included in quantity of structural steel.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
A.B.L. F.A. 53	121 BR	MC LEAN	30	18
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 1
SHEETS 8

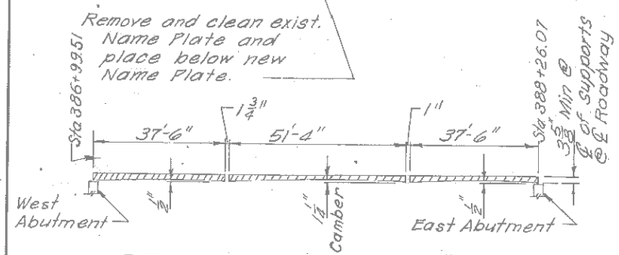


ELEVATION

Keyway surfaces shall be cleaned of concrete, form oil or other bond breaking substances prior to placement of the bridge deck. Cleaning shall be done by sandblasting the keyway area's between top of the beam and the bottom edge of the key.

PLAN

NOTE: See sheet 8 for stage construction sequence



BITUMINOUS SURFACE PROFILE

(Limits of Bit. Conc. Surf. Crse, Mixt D, Class I Thickness shown includes ½" Waterproofing Membrane System.)

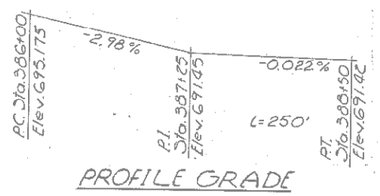
STA. 387+62.80
BUILT 198_ BY
STATE OF ILLINOIS
F.A. RT: 53 SEC. 121 BR
F.A. PROJ. BH-F-53(36)
LOADING HS 20
STR. NO. 057-0092

NAME PLATE

SEE STANDARD 606103

WATERWAY INFORMATION

Drainage Area-	4.5 □Miles
Character-	Level, rolling, cultivated
Present Opening-	432 □'
Required Opening-	432 □'
Recommended Opening-	432 □'
Q(50) = 1486 cfs	
Q(100) = 1876 cfs	
HW. Elev. (50) 682.9	
HW. Elev. (100) 683.4	



PROFILE GRADE

DESIGN STRESSES

FIELD UNITS
f'_c = 3500 p.s.i.
f_y = 60,000 p.s.i.
n = 9

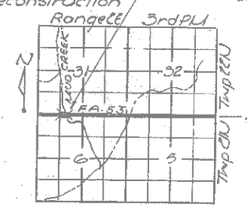
PRECAST UNITS
f'_c = 4500 psi
f_{ci} = 1800 psi
f_s = 20,000 psi
n = 8

PRECAST PRESTR. UNITS
f'_c = 5000 psi
f_{ci} = 4000 psi
f'_s = 270,000 psi (½" ϕ strands)
f_{si} = 189,000 psi (½" ϕ strands)

Allow 25#/□' for fut. wearing surf.
Design Specifications
1977 AASHTO, 1978, 1979, 1980 & 1981 interim specifications

LOADING HS20-44

Proposed reconstruction



LOCATION SKETCH

NOTES

THE "STATE OF ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED 10-1-79 SHALL APPLY.

CONCRETE: CLASS X CONCRETE SHALL BE USED THROUGHOUT EXCEPT FOR PRECAST PRESTRESSED UNITS. SEE THE APPLICABLE SPECIFICATIONS FOR CONCRETE REQUIREMENTS FOR PRECAST PRESTRESSED UNITS.

ALL BAR BEND DIMENSIONS ARE SHOWN OUT TO OUT OF BARS

REINFORCEMENT SHALL CONFORM TO AASHTO M-31 OR M-53, GRADE 60.

Expansion bolts shall consist of approved expansion anchors, providing min. proof load = 9,080 lbs. ℄ ¾"ϕ x 12" hooked bolts.

ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH 2 COATS OF BASIC LEAD SILICO CHROMATE PAINT

THE CONCRETE RAIL SECTION ABOVE THE TOP OF THE DECK BEAM SHALL BE CONSTRUCTED OF CLASS X CONCRETE, EXCEPT THE AGGREGATES SHALL CONFORM TO THE REQUIREMENTS FOR HANDRAIL CONCRETE.

PROTECTIVE COAT SHALL NOT BE APPLIED TO SURFACES TO WHICH WATERPROOFING MEMBRANE SYSTEM IS APPLIED

A CALCIUM NITRITE CORROSION INHIBITOR AS COVERED IN THE SUPPLEMENTAL SPECIAL PROVISIONS SHALL BE USED IN THE CONCRETE FOR P.P.C. DECK BEAMS ONLY.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS

THE TOP SURFACE OF THE BEAMS SHALL BE FINISHED IN ACCORDANCE WITH ARTICLE 505.06 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE SURFACE SHALL NOT BE ROUGHENED BY BROOMING. THE FINISHED SURFACE SHALL BE FREE OF DEPRESSIONS OR HIGH SPOTS WITH SHARP CORNERS, AND THE TOP EDGE OF KEYS SHALL BE ROUNDED OR CHAMFERRED ¼" MIN.

BILL OF MATERIALS

ITEM	UNIT	QUANTITY SUPERSTR.	QUANTITY SUBSTR.	QUANTITY TOTAL
BIT. CONC. SURFACE CSE., MIX. D, CL I	TON	80.4	---	80.4
PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ. YD.	---	---	52
PAVEMENT FABRIC	SQ. YD.	---	---	58
REM. OF EXIST. SUPER-STRUCTURES	EACH	1	---	1
CONC. REMOVAL	CU. YD.	---	17.9	17.9
EXPANSION BOLTS (3/4" ϕ)	EACH	---	104	104
PROTECTIVE COAT	SQ. YD.	125	---	125
CLASS "X" CONC.	CU. YD.	43.3	54.7	98.0
3/4" ϕ ANCHOR BOLTS, 12"	EACH	---	---	44
PRECAST CONCRETE BRIDGE SLABS	SQ. FT.	239	---	239
PRECAST PRESTRESSED CONC. DECK BEAM 21"	SQ. FT.	5306	---	5305
WATERPROOFING MEMBRANE SYSTEM	SQ. YD.	545	---	545
STRUCTURAL STEEL	LB.	8031	---	8031
REINFORCEMENT BARS	LB.	4090	10,040	14,130
REINFORCEMENT BARS (EPOXY COATED)	LB.	340	---	340
NAME PLATES	EACH	---	---	1
PAVEMENT REMOVAL	SQ. YD.	---	---	14
PAVEMENT REPLACEMENT	SQ. YD.	---	---	16
PREFORMED JOINT SEAL 2½"	LIN. FT.	126	---	126
TEMP. BRIDGERAIL	LIN. FT.	127	---	127
PORTLAND CEMENT MORTAR, FAIRING COURSE	LIN. FT.	1642	---	1642
EXP. TIE ANCHORS 3/4"	EACH	32		32

10-8-79 Woodrow C. Chenault, Jr.
DATE
WOODROW C. CHENAULT, JR.
ILL. REG. STRUCTURAL ENGINEER
NO. 3567

DESIGNED		EXAMINED	19
CHECKED			ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
DRAWN		PASSED	ENGINEER OF BRIDGES
CHECKED		APPROVED	DIRECTOR OF HIGHWAYS

GENERAL PLAN & ELEVATION
F.A. RTE. 53 OVER MUD CREEK
F.A. ROUTE 53
SECTION 121 BR
McLEAN COUNTY
STATION 387+62.80

Rev. 12-23-79 Rev. 9-2-81 Exp. Bolts ¾"ϕ from 136 to 104 Each, Added ¾"ϕ Exp. Tie Anchors 32 Each D.D.

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D5705528-sht-oldbridgeplans.dgn	USER NAME = rcook	DESIGNED -	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	DRAWN -	REVISED -
	PLOT DATE = 10/20/2009	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLAN
FOR INFORMATION ONLY

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	28
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Bench Mark: Chiseled square on top of the N.E. abutment overhang on S.N. 057-0092. Sta.388+26.25, 21.95' Lt., Elevation = 688.79.

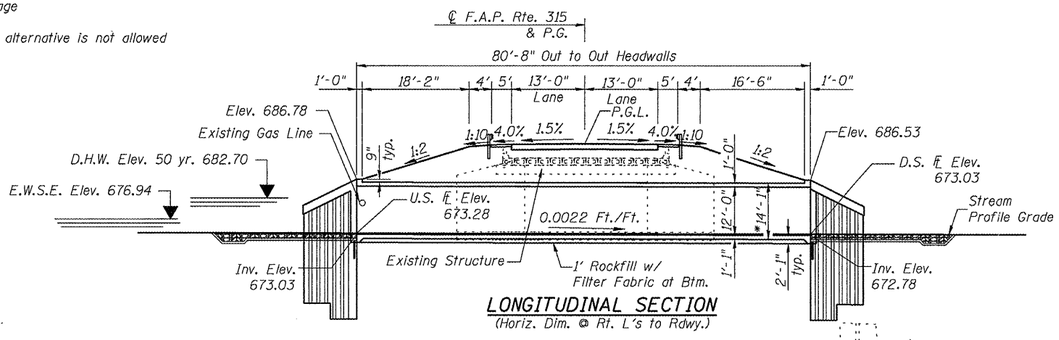
Existing Structure (S.N. 057-0092): The structure was originally built in 1936 as FAP 119, Sec. 121B-WPH. It was a 3 span reinforced concrete deck girder on closed abutments on solid wall concrete piers. In 1982 as FA Route 53, Sec. 121 BR the superstructure was replaced and widened with precast prestressed concrete deck beams. The back-to-back of abutments is 126'-11", 42'-0" out-to-out deck width and 40'-0" face-to-face of parapet.

Structure to be removed and replaced using a temporary runaround. See Roadway Plans.

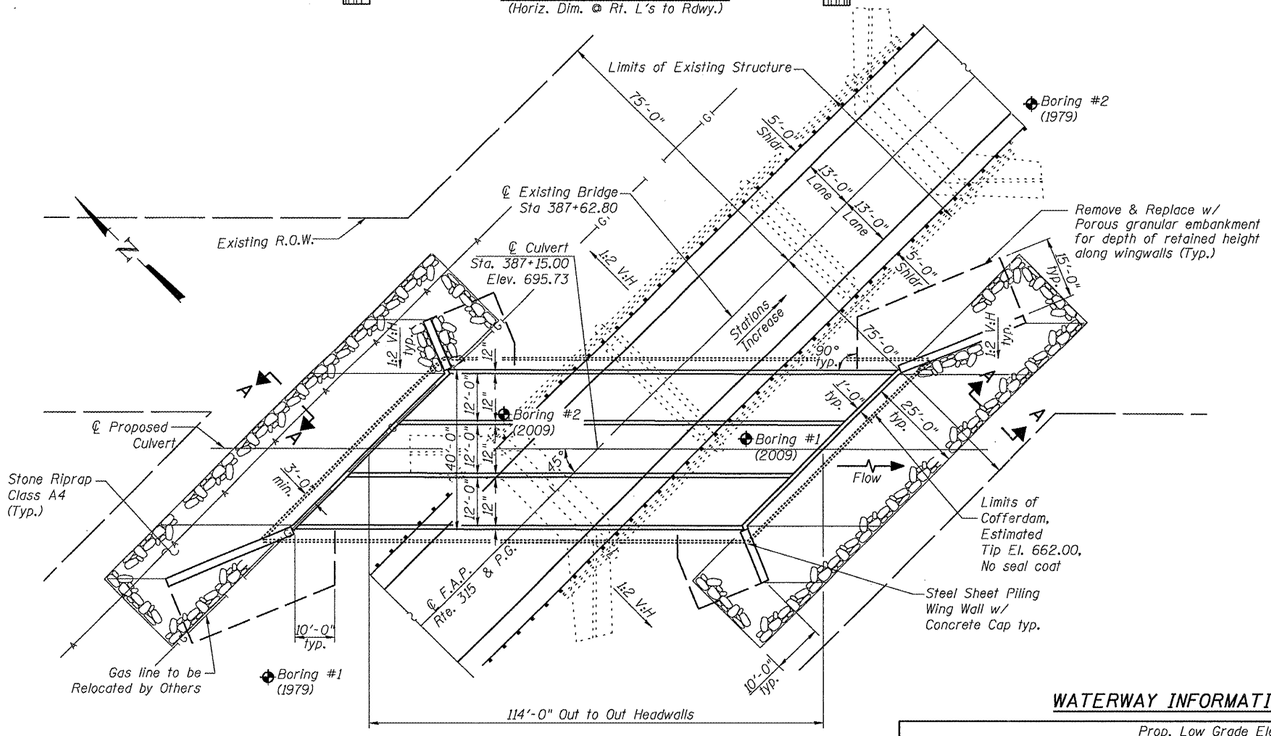
No Salvage

Precast alternative is not allowed

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



LONGITUDINAL SECTION
(Horiz. Dim. @ Rt. L's to Rdwy.)

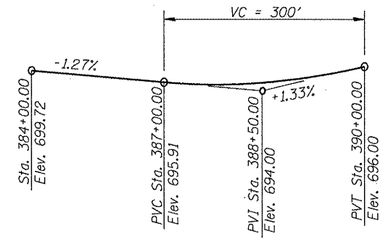


PLAN

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	U.S. **	D.S. **
	669.03	668.78

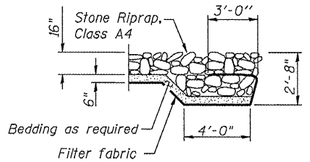
**2' min. toewall sheeting embedment req'd



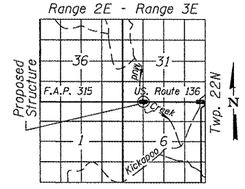
PROFILE GRADE
(along ℄ roadway)

STATION 387+15.00
BUILT 20-- BY
STATE OF ILLINOIS
F.A.P. RT. 315 SEC. 121-BR-1
LOADING HS20-44
STR. NO. 057-2041

NAME PLATE
See Std. 515001



SECTION A-A



LOCATION SKETCH

LOADING HS20-44
Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS
2002 AASHTO

DESIGN STRESSES
FIELD UNITS
f'_c = 3,500 psi
f_y = 60,000 psi (reinforcement)
f_y = 38,000 psi (Permanent Sheet Piles

INDEX OF SHEETS

WATERWAY INFORMATION

Drainage Area = 4.5 mi²
Prop. Low Grade Elev. 695.0 @ Sta. 388+46.50
Exist. Low Grade Elev. 691.3 @ Sta. 388+26.02

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	1049	340	298	681.6	0.2	0.0	681.8	681.6
Design	50	1760	430	338	682.7	0.3	0.5	683.0	683.2
Base	100	2087	463	352	683.1	0.3	0.8	683.4	683.9
Max. Calc.	500	2901	520	377	683.8	0.5	1.6	684.3	685.4

10 year velocity through existing bridge = 3.1 fps
10 year velocity through prop. bridge = 3.5 fps

PETER B. BAYLES 081-006042 LICENSED STRUCTURAL ENGINEER ILLINOIS

Peter B. Bayles, P.E., S.E.
Structural Engineer License No. 081-006042
Expiration Date: 11/30/2010

APPROVED
For Structural Adequacy Only

Ralph W. Anderson (TSD)
Engineer of Bridges & Structures

GENERAL PLAN
US 136 OVER MUD CREEK
F.A.P. RTE. 315
SECTION 121-BR-1
MCLEAN COUNTY
STATION 387+15.00
STRUCTURE NO. 057-2041

SHEET NO. 1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	315	121-BR-1	MCLEAN	67	29
			CONTRACT NO. 70528		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

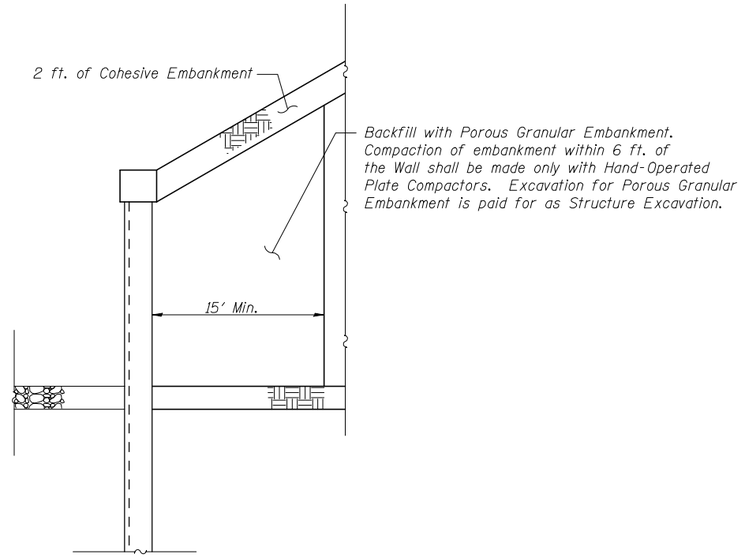
Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Precast Alternative not allowed.

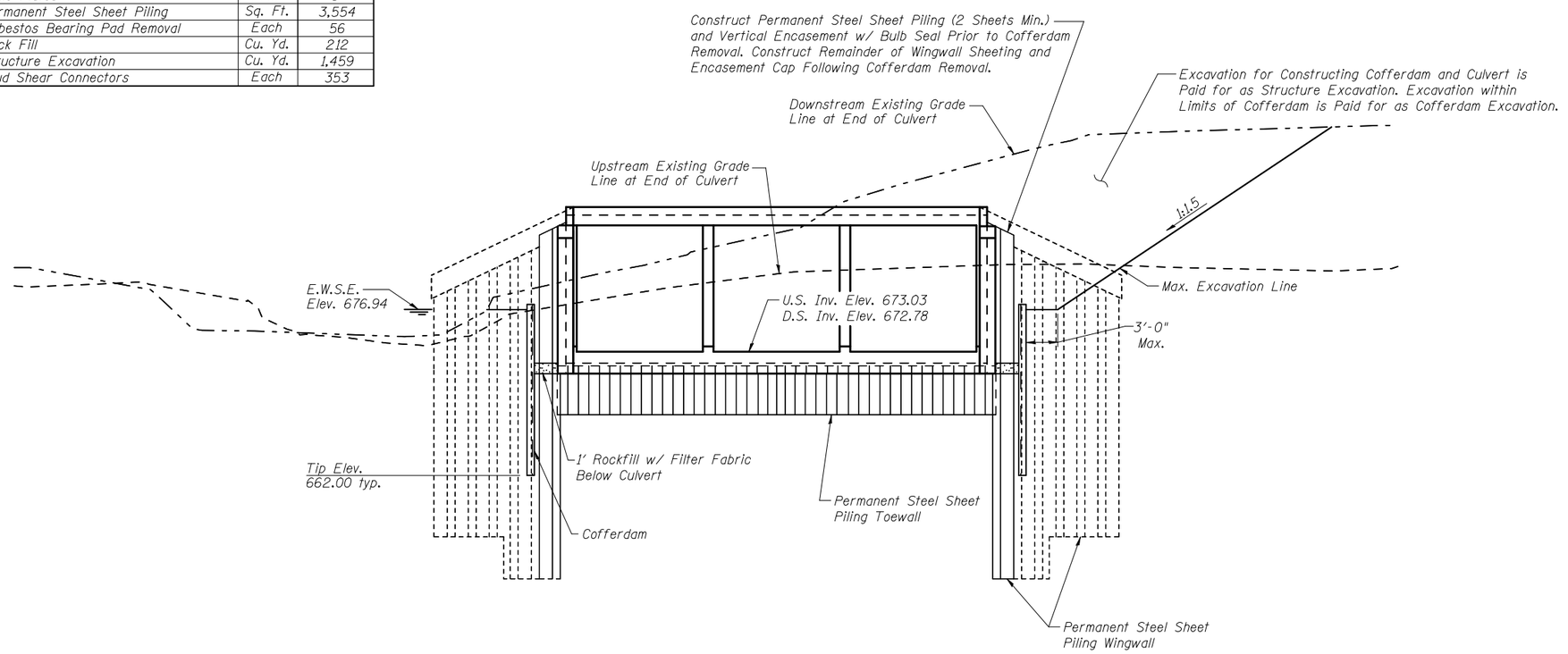
Design of Cofferdam and Dewatering System by Contractor per Sec. 502.06.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class A4	Sq. Yd.	620
Filter Fabric	Sq. Yd.	1,197
Porous Granular Embankment	Cu. Yd.	834
Removal of Existing Structures	Each	1
Reinforcement Bars	Pound	126,360
Concrete Box Culverts	Cu. Yd.	586
Cofferdams	Each	1
Cofferdam Excavation	Cu. Yd.	1,329
Name Plates	Each	1
Permanent Steel Sheet Piling	Sq. Ft.	3,554
Asbestos Bearing Pad Removal	Each	56
Rock Fill	Cu. Yd.	212
Structure Excavation	Cu. Yd.	1,459
Stud Shear Connectors	Each	353



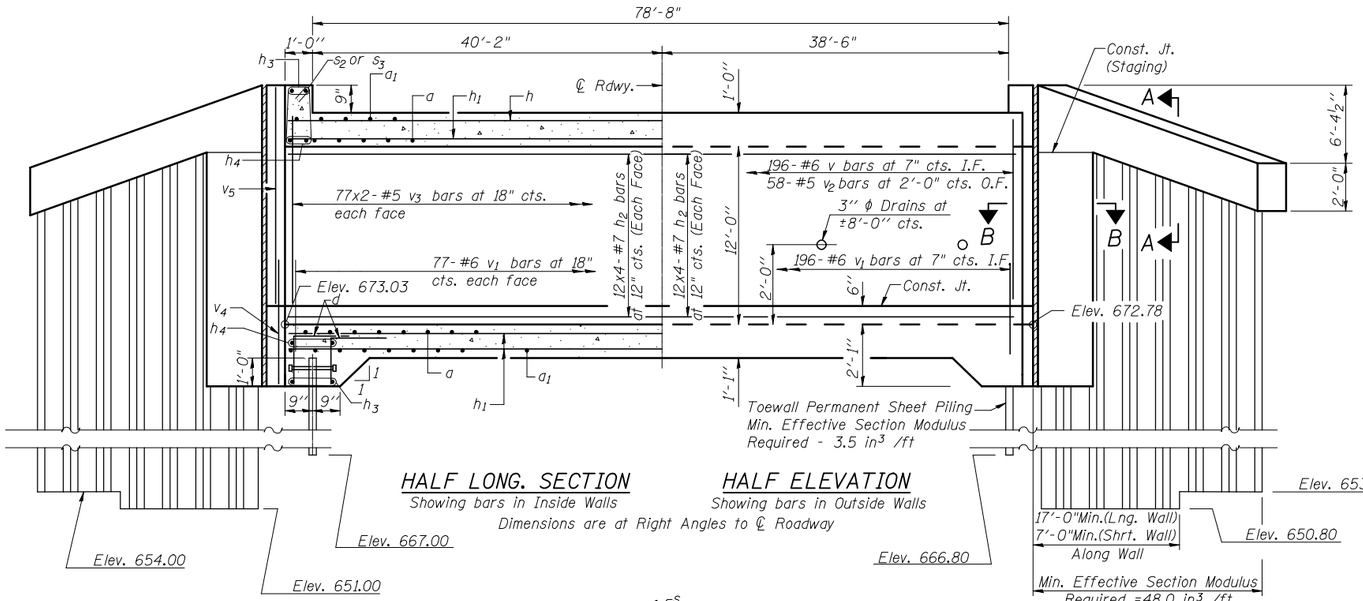
TYPICAL SECTION AT WINGWALLS



COFFERDAM AND STAGING DETAILS

GENERAL NOTES AND DETAILS
STRUCTURE NO. 057-2041

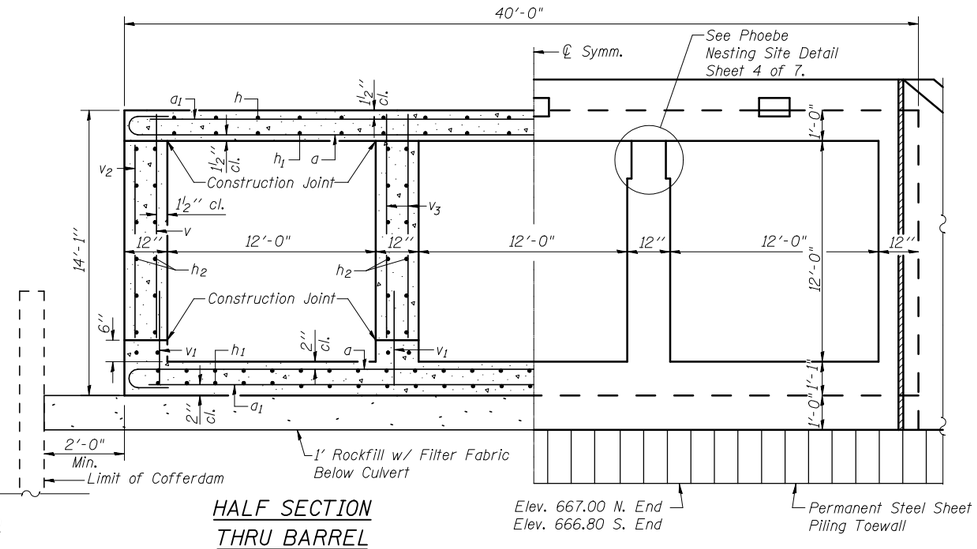
SHEET NO. 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	315	121-BR-1	MCLEAN	67	30
			CONTRACT NO. 70528		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



HALF LONG. SECTION
Showing bars in Inside Walls

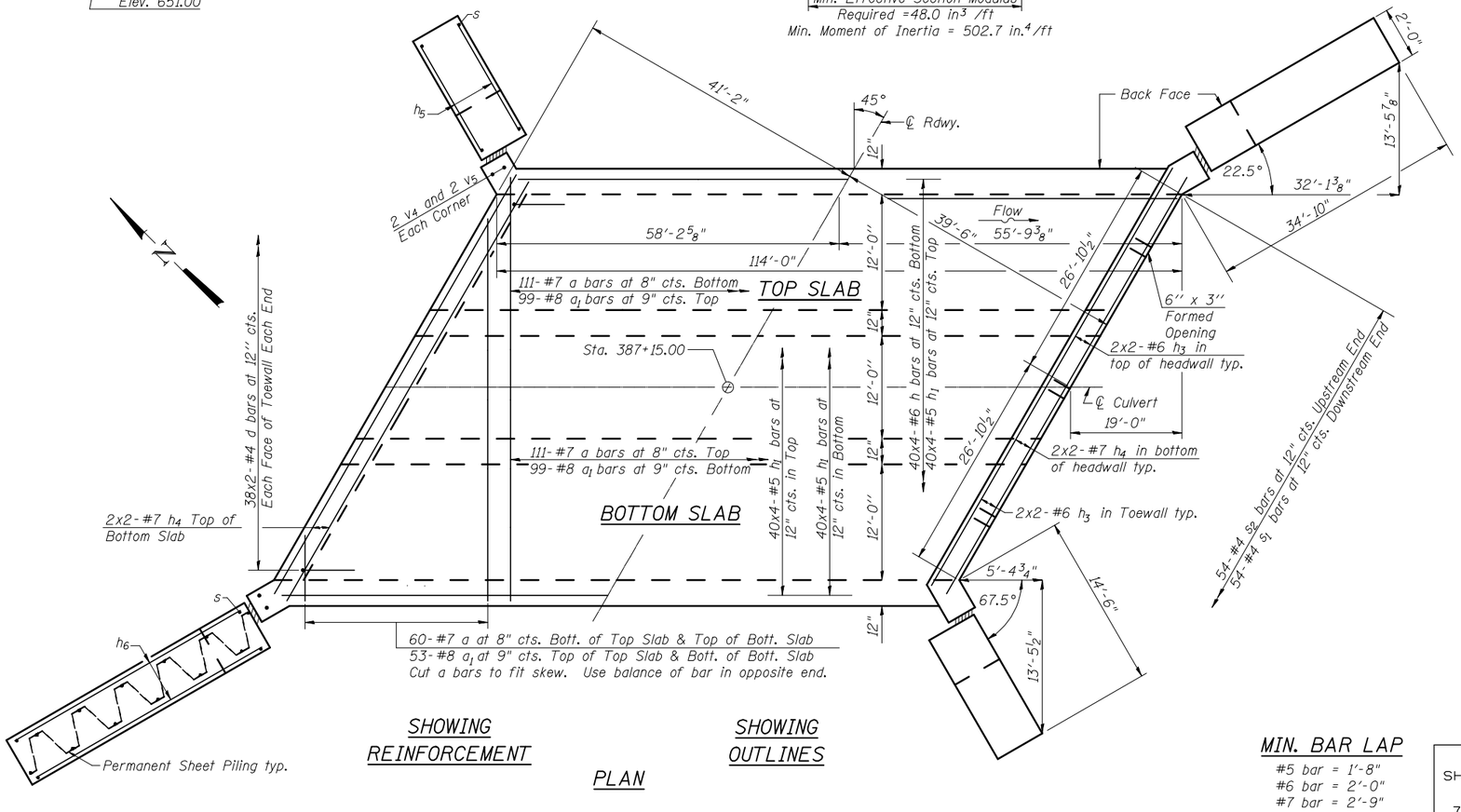
HALF ELEVATION
Showing bars in Outside Walls

Dimensions are at Right Angles to ℄ Roadway



HALF SECTION THRU BARREL

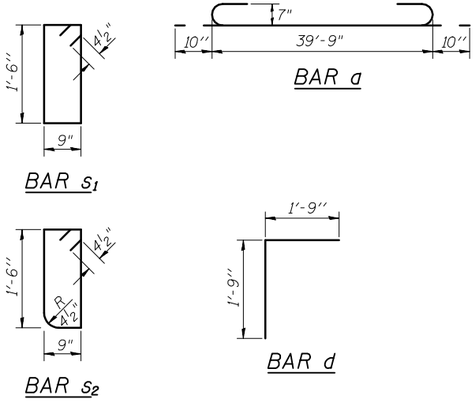
HALF END ELEVATION



SHOWING REINFORCEMENT

SHOWING OUTLINES

PLAN

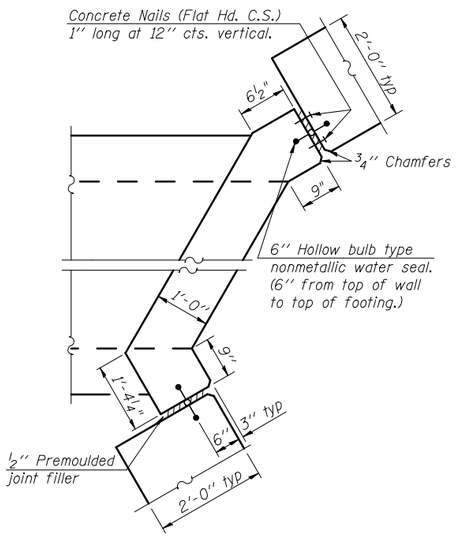


Notes:
Bars indicated thus 37x4-#7 etc. indicates 37 lines of bars with 4 lengths per line.
Stagger lapped h bars, top & bottom.

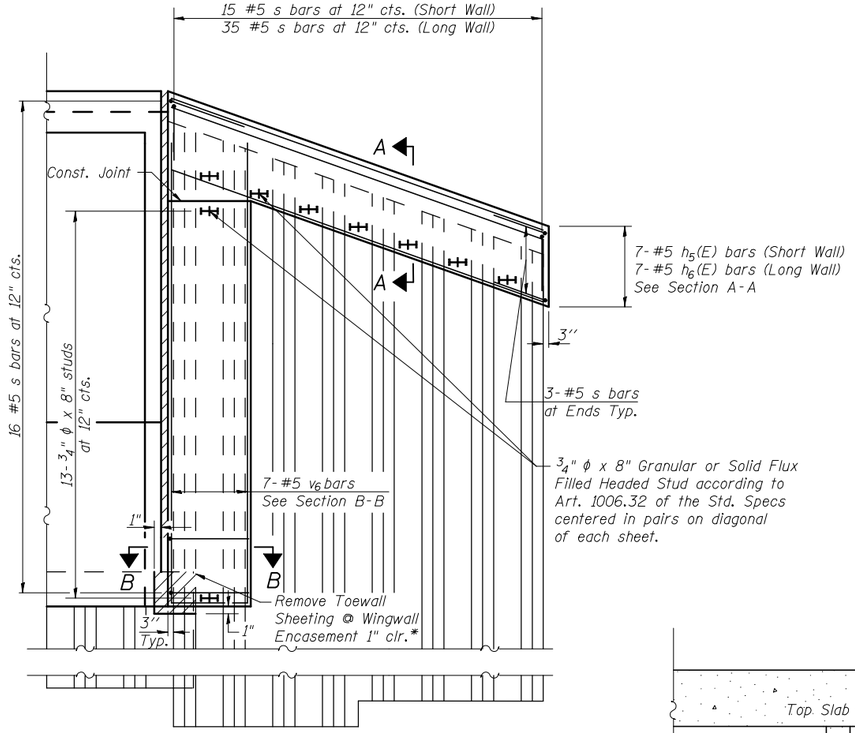
MIN. BAR LAP
#5 bar = 1'-8"
#6 bar = 2'-0"
#7 bar = 2'-9"

CULVERT DETAILS
STRUCTURE NO. 057-2041

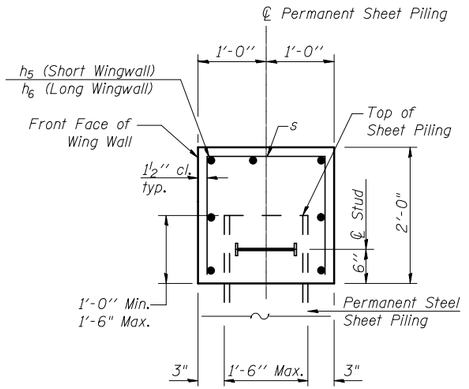
SHEET NO. 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	315	121-BR-1	MCLEAN	67	31
			CONTRACT NO. 70528		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



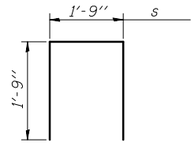
CORNER DETAIL



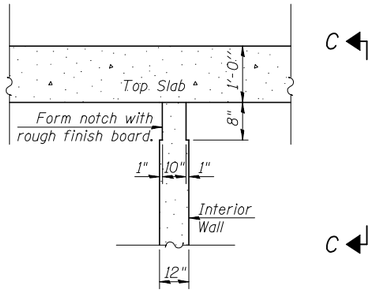
WINGWALL DETAIL



SECTION A-A



BARS s



PHOEBE NESTING SITE DETAIL

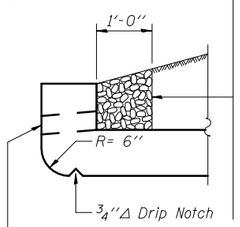
(Interior walls, downstream end only)

BILL OF MATERIAL

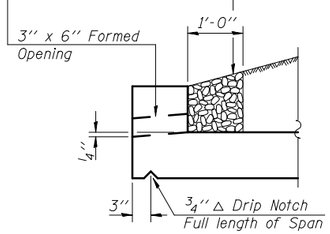
Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
a	342	#7	41'-5"		s	176	#5	5'-3"	
a_1	304	#8	39'-9"		s_1	54	#4	5'-3"	
					s_2	54	#4	5'-1"	
d	152	#4	3'-6''						
					v	392	#6	12'-2''	
h	160	#6	30'-0''		v_1	546	#6	2'-6''	
h_1	480	#5	29'-9''		v_2	116	#5	11'-4''	
h_2	384	#7	30'-6''		v_3	308	#5	12'-2"	
h_3	16	#6	28'-8''		v_4	8	#5	3'-6''	
h_4	16	#7	29'-0''		v_5	8	#5	13'-5''	
h_5	14	#5	14'-10''		v_6	28	#5	14'-0"	
h_6	14	#5	34'-5''						

Concrete Box Culverts	Cu. Yd.	586
Reinforcement Bars	Pound	126,360
Permanent Steel Sheet Piling	Sq. Ft.	3,554
Stud Shear Connectors	Each	353

Coarse aggregate full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.

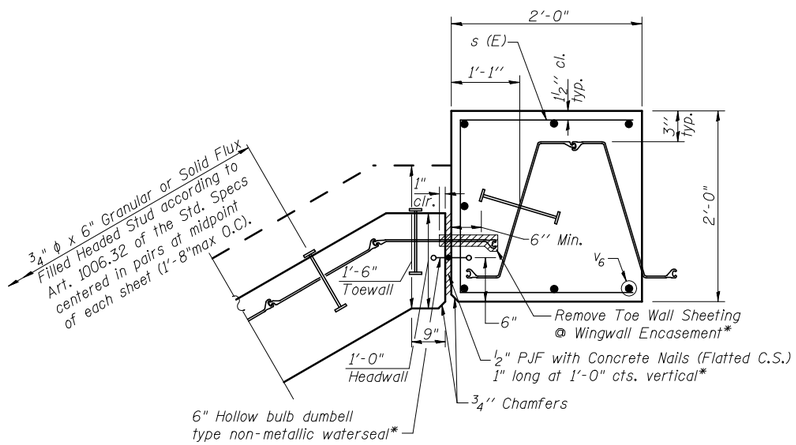


AT UPSTREAM END



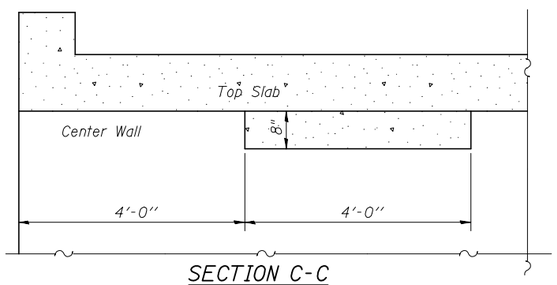
AT DOWNSTREAM END

DRAIN DETAIL



SECTION B-B

*Cost included in the cost of Permanent Steel Sheet Piling



SECTION C-C

(Showing Phoebe Nesting Ledge)

CULVERT DETAILS
STRUCTURE NO. 057-2041

SHEET NO. 4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	315	121-BR-1	MCLEAN	67	32
			CONTRACT NO. 70528		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SW 1/4 SE 1/4 SW 1/4 SECTION 31 T22N R2E 3 P.M. (5)

Sh. 1 of 2 Sh.

FORM NO. B.D. 137 REV. 9-66

BRIDGE FOUNDATION BORING LOG

PROJECT
ROUTE FA 119 Rt 136
SEC. 121 BR
COUNTY McLean
Boring No. 1 W. Abut.
Station 386+48
Offset 17' LT

BRIDGE FA 119 Over Mud Creek
STA. 387+62.80

Date 4-30-79
Bored By K. Whittington
Checked By B. Pickard

Surface Water El. 674.3
Groundwater El. at Completion Washed
After — Hours —

	Elevation	N	Qu t/s.f.	w (%)
Ground Surface	694.0			
MEDIUM BROWN LOAM AND GRAVEL	691.5			
VERY STIFF SILTY CLAY LOAM FILL WITH THIN SAND AND GRAVEL LAYERS		13	3.4 S	13
	-5			
		10	2.5 P	20
	687.0			
STIFF BLACK SILTY CLAY LOAM		10	1.6 B	27
	684.5			
	-10			
VERY STIFF GRAY SILTY CLAY LOAM WITH SOME GRAVEL		25	2.9 S	13
	680.5	9	2.0 B	22
MEDIUM GRAY SILTY CLAY LOAM	679.5	6	0.7P	24
	-15			
SOFT DARK GRAY SILTY CLAY LOAM		8	0.3 P	25
	677.0			
STIFF BLACK CLAY LOAM		6	1.0 B	30
	674.5			
	-20			
VERY STIFF GRAY SILTY CLAY LOAM TILL		13	2.2 B.	14

	Elevation	N	Qu t/s.f.	w (%)
VERY STIFF GRAY SILTY CLAY LOAM TILL		20	3.6 B	13
	669.5			
	-25			
HARD GRAY SILTY CLAY LOAM TILL	668.0	15	4.9 B	15
		10	-	12
		18	-	11
MEDIUM BROWN SAND AND MEDIUM GRAVEL	-30			
		21	-	13
		13	-	13
	-35			
		26	-	10
		14	-	12
	-40			
		14	-	10
		-	-	13
	-45			

N — Standard Penetration Test — blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 0# hammer falling 30".

Qu — Unconfined Compressive Strength — t/sf

w — Water Content — percentage of oven dry weight — %.

Type failure:
B — Bulge Failure
S — Shear Failure
E — Estimated Value

54

FORM NO. B.D. 137 REV. 9-66

Sh. 2 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

FA 119
Section 121 BR
McLean County
Boring 1

	Elevation	N	Qu t/s.f.	w (%)
MEDIUM BROWN SAND AND GRAVEL	-45			
	647.0	-	-	11
VERY STIFF BROWN SILTY CLAY LOAM TILL		-	-	-
	-50			
	642.5	100 6"	3.5 P	16
	-55			
	-60			
	-65			
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			

55

SOIL BORINGS
STRUCTURE NO. 057-2041

SHEET NO. 5	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	315	121-BR-1	MCLEAN	67	33
			CONTRACT NO. 70528		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FORM NO. B. D. 137 REV. 8-68 (5) Sh. 1 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

PROJECT FA 119 Rt 136
ROUTE 121 BR
COUNTY McLean
Boring No. 2 E. Abut.
Station 388+75
Offset 16' RT

BRIDGE FA 119 Over Mud Creek
STA. 387 + 62.80

Date 4-30-79
Bored By K. Whittington
Checked By B. Pickard

Surface Water El. 674.3
Groundwater El. at Completion Washed
After – Hours

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 691.3			
MEDIUM BROWN LOAM AND GRAVEL FILL 688.8			
VERY STIFF SILTY CLAY TILL FILL 686.8	13	2.6 B	20
VERY STIFF SILTY CLAY LOAM TILL WITH SANDY LAYERS FILL 685.3	6	2.5P	15
	6	3.0B	25
VERY STIFF DARK GRAY SILTY CLAY FILL	10	2.2 B	20
679.8	13	2.6 B	21
SOFT BLACK SILTY CLAY LOAM 675.3	3	0.7 B	50
LOOSE GRAY SAND 675.3	3	–	24
	3	–	19
LOOSE BROWN SAND AND 1/2" GRAVEL 672.8	7	–	19
MEDIUM GRAY SILTY CLAY LOAM TILL 671.8	3	0.5P	34
MEDIUM GRAY FINE SAND WITH 1" GRAVEL 669.3	11	–	23
MEDIUM BROWN SAND AND 1" GRAVEL	20	–	15
	16	–	19
	–	–	–
	–	–	–
	–	–	–
	–	–	–
	–	–	–
	15	–	15
648.3	6	–	8
HARD GRAY SILTY CLAY LOAM TILL	14	4.9 B	11

..–Standard Penetration Test–Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".

Qu–Unconfined Compressive Strength–t/sf

w–Water Content–percentage of oven dry weight–%.

Type failure:
B–Bulge Failure
S–Shear Failure
E–Estimated Value
P–Penetrometer

56

FORM NO. B. D. 137 REV. 8-68 Sh. 2 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

FA 119
Section 121 BR
McLean County
Boring 2

Elevation	N	Qu t/s.f.	w (%)
HARD GRAY SILTY CLAY LOAM TILL 644.3	29	7.9 B	11
VERY STIFF GRAY SANDY CLAY LOAM TILL 642.3	101	3.3 S	9

-45 -50 -55 -60 -65 -70 -75 -80 -85 -90 -95

57

SOIL BORINGS
STRUCTURE NO. 057-2041

SHEET NO. 6	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	315	121-BR-1	MCLEAN	67	34
			CONTRACT NO. 70528		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROJECT U.S. Route 136 Over Mud Creek, S.N. 057-2041, McLean County, Illinoi

CLIENT Blank, Wesselink, Cook & Assoc., Inc., 2623 E. Pershing Rd., Decatur, IL 62524

BORING B-1 DATE STARTED 3-3-09 DATE COMPLETED 3-3-09 JOB L-72,882

ELEVATIONS
GROUND SURFACE 680.4
END OF BORING 665.4

WATER TABLE
▼ WHILE DRILLING 8.0 '
▽ AT END OF BORING 6.0 '
▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	1	SS	4	0.5*					Soft to stiff dark brown sandy CLAY, trace sand, moist (CL)
	2	SS	11	0.75*					
							5.5	674.9	▽ Loose gray fine SAND, trace silt, wet (SP)
	3	SS	7				8.0	672.4	▼ Firm gray fine to medium SAND, saturated (SP)
	4	SS	10						
	5	SS	10						
	6	SS	24						
									End of Boring at 15.0'

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25

DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

PROJECT U.S. Route 136 Over Mud Creek, S.N. 057-2041, McLean County, Illinoi

CLIENT Blank, Wesselink, Cook & Assoc., Inc., 2623 E. Pershing Rd., Decatur, IL 62524

BORING B-2 DATE STARTED 3-3-09 DATE COMPLETED 3-3-09 JOB L-72,882

ELEVATIONS
GROUND SURFACE 680.6
END OF BORING 665.6

WATER TABLE
▼ WHILE DRILLING 8.0 '
▽ AT END OF BORING 6.0 '
▼ 24 HOURS

LENGTH RECOVERY	SAMPLE NO.	SAMPLE TYPE	N	WC	Qu	γ_{DRY}	DEPTH	ELEV.	SOIL DESCRIPTIONS
	1	SS	10	1.5*					Tough to stiff dark brown silty CLAY, moist (CL)
	2	SS	4	0.75*					
							5.5	675.1	▽ Very dense gray fine to medium SAND, wet (SP)
	3	SS	58						Sample 3 - Rock in split-spoon.
							8.0	672.6	▼ Firm gray fine to medium SAND, saturated (SP)
	4	SS	17						
	5	SS	17						
	6	SS	19						
									End of Boring at 15.0'

* Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer.

DISTANCE BELOW SURFACE IN FEET: 0, 5, 10, 15, 20, 25

DRILL RIG NO. 242

Division lines between deposits represent approximate boundaries between soil types; in-situ, the transition may be gradual.

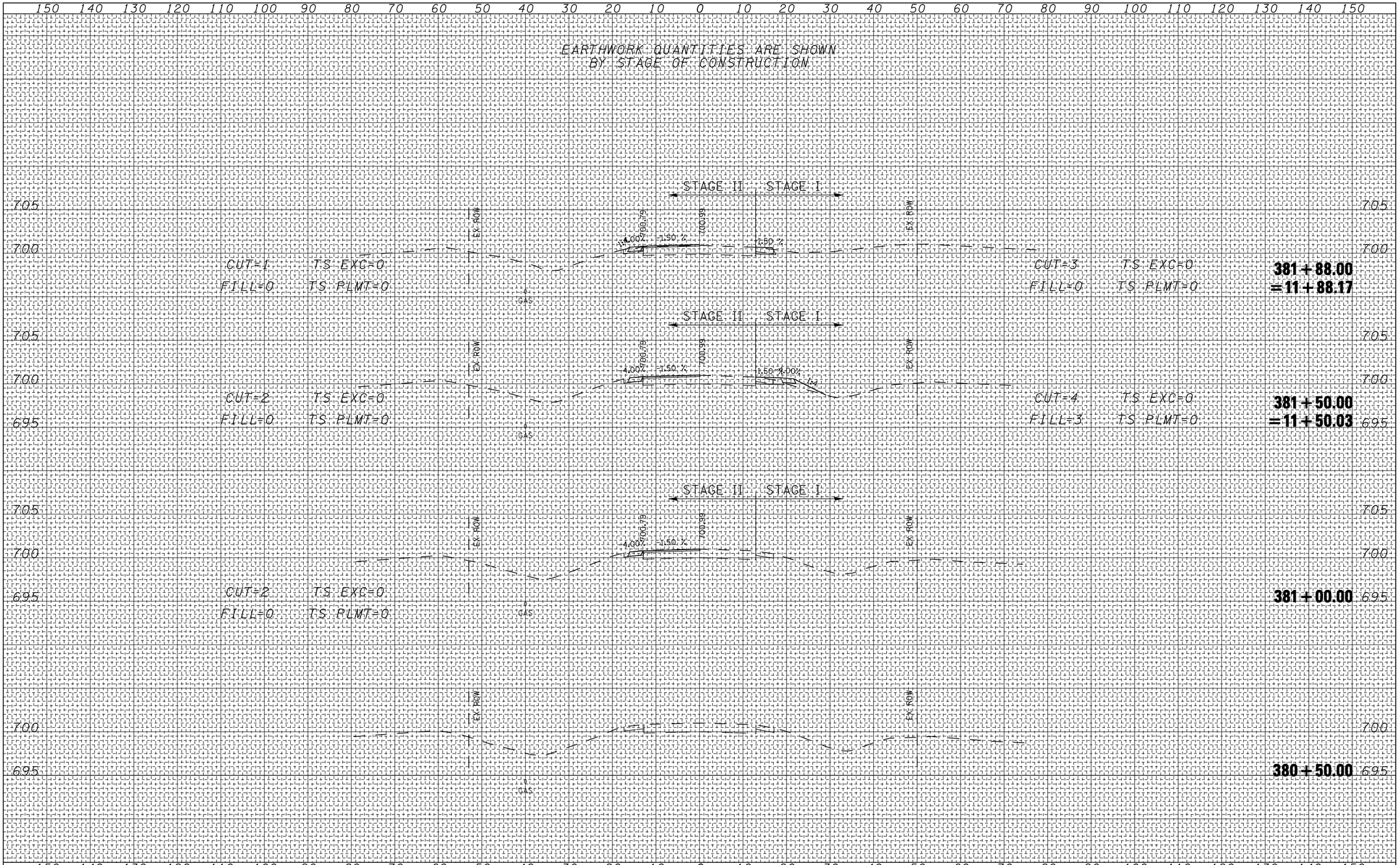
SOIL BORINGS
STRUCTURE NO. 057-2041

SHEET NO. 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	315	121-BR-1	MCLEAN	67	35
			CONTRACT NO. 70528		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK QUANTITIES ARE SHOWN
BY STAGE OF CONSTRUCTION

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	



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		DRAWN -	REVISED -
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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 1 OF 16 SHEETS | STA. 380+50.00 TO STA. 381+88.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	36
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

705
700
695

STAGE II STAGE I

EX ROW
EX ROW
ESMT.
ESMT.
GAS
GAS

4.00% 1.50 % 1.50 % 4.00%
700.15 700.35 700.15 700.01 699.92 699.84
1.39 %
698.72

CUT=4 TS EXC=0
FILL=0 TS PLMT=0

CUT=92 TS EXC=21
FILL=6 TS PLMT=0

383+42.00
=13+44.22

STAGE II STAGE I

EX ROW
EX ROW
ESMT.
ESMT.
GAS
GAS

4.00% 1.50 % 1.50 % 4.00%
700.46 700.67 700.46 700.40 700.32 700.25
1.44 %
699.11

CUT=3 TS EXC=0
FILL=0 TS PLMT=0

CUT=56 TS EXC=2
FILL=7 TS PLMT=0

383+00.00
=13+01.59

STAGE II STAGE I

EX ROW
EX ROW
ESMT.
ESMT.
GAS
GAS

4.00% 1.50 % 1.54 % 1.50 %
700.72 700.91 700.50 700.40
699.28

CUT=1 TS EXC=0
FILL=0 TS PLMT=0

CUT=14 TS EXC=0
FILL=4 TS PLMT=0

382+50.00
=12+50.84

STAGE II STAGE I

EX ROW
EX ROW
GAS
GAS

4.00% 1.50 % 1.50 %
700.79 700.99

CUT=1 TS EXC=0
FILL=0 TS PLMT=0

CUT=4 TS EXC=0
FILL=0 TS PLMT=0

382+00.00
=12+00.26

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO.
SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED
BY — DATE

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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 2 OF 16 SHEETS | STA. 382+00.00 TO STA. 383+42.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	37
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

710 705 700 695

EX ROW

STAGE II STAGE I

4.00% 1.50 % 1.50 % 4.00%

698.89 699.08 698.89 696.83 696.81 696.73

1.29

1.54 1.54 1.54 1.54

ESMT.

16.9

694.65 695.77 695.61

CUT=7 TS EXC=0
FILL=14 TS PLMT=0

CUT=382 TS EXC=49
FILL=1 TS PLMT=0

384+50.00
=14+53.84

STAGE II STAGE I

699.52 699.72 699.52 698.71 698.63 698.56

1.34

697.59 697.42

CUT=1 TS EXC=0
FILL=2 TS PLMT=0

CUT=215 TS EXC=35
FILL=1 TS PLMT=0

384+00.00
=14+03.09

STAGE II STAGE I

700.08 700.28 700.08 699.89 699.81 699.73

1.39

698.59

CUT=4 TS EXC=0
FILL=0 TS PLMT=0

CUT=104 TS EXC=23
FILL=4 TS PLMT=0

383+50.00
=13+52.34

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

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	PLOT DATE = 10/20/2009	DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

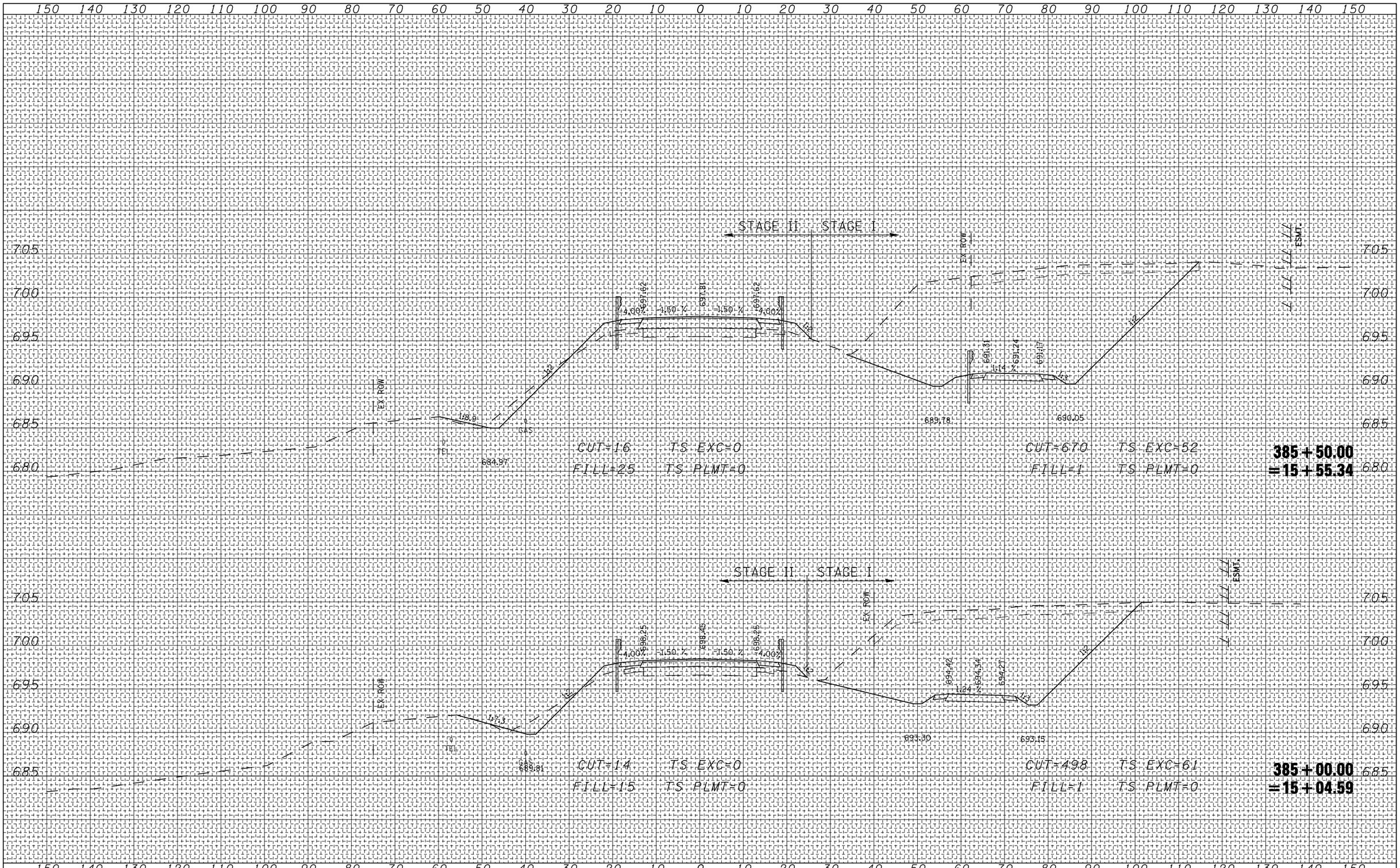
US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 3 OF 16 SHEETS | STA. 383+50.00 TO STA. 384+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	38
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE



ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 4 OF 16 SHEETS | STA. 385+00.00 TO STA. 385+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	39
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

700 695 690 685 680 675 670

STAGE II STAGE I

4.00% -1.50 % 696.35 696.34 -1.50 % 4.00% 696.35

EX ROW 112 686.32 686.15 CUT=0 TS EXC=0 FILL=108 TS PLMT=0

EX ROW 684.26 684.40 CUT=536 TS EXC=61 FILL=1 TS PLMT=0

ESMT. 142

386+50.00
=16+56.34

705 700 695 690 685 680

STAGE II STAGE I

4.00% -1.50 % 696.98 697.18 -1.50 % 4.00% 696.98

EX ROW ESMT. 42 681.50 680.13 CUT=29 TS EXC=0 FILL=54 TS PLMT=0

EX ROW 686.67 687.16 CUT=621 TS EXC=50 FILL=1 TS PLMT=0

ESMT. 688.19 688.24 688.28 0.7% 42

386+00.00
=16+06.03

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME =	USER NAME = rcook	DESIGNED -	REVISED -
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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

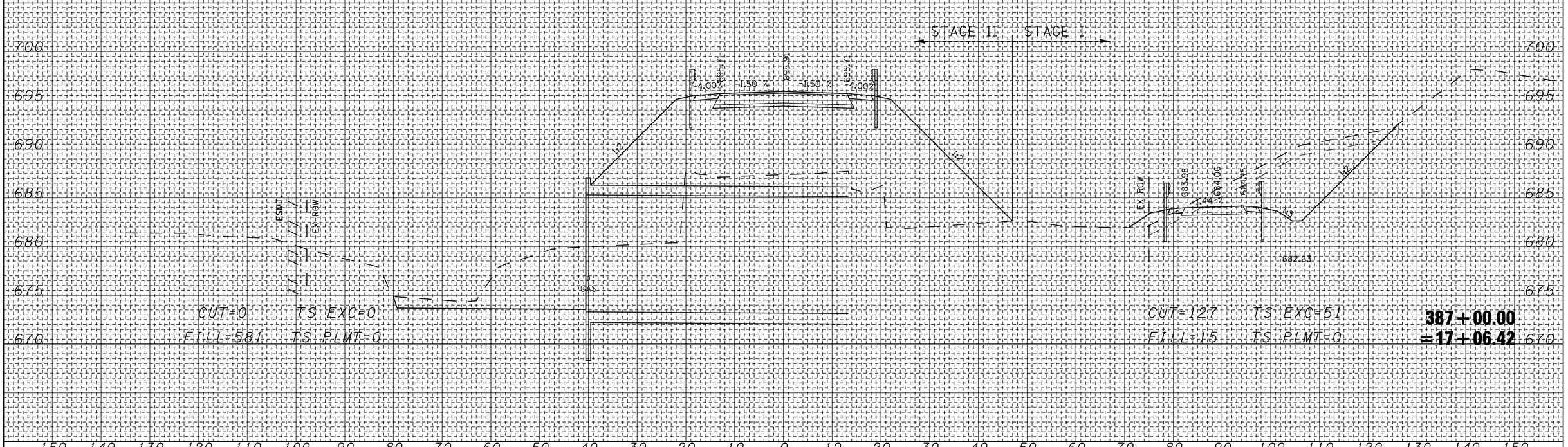
US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 5 OF 16 SHEETS | STA. 386+00.00 TO STA. 386+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	40
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

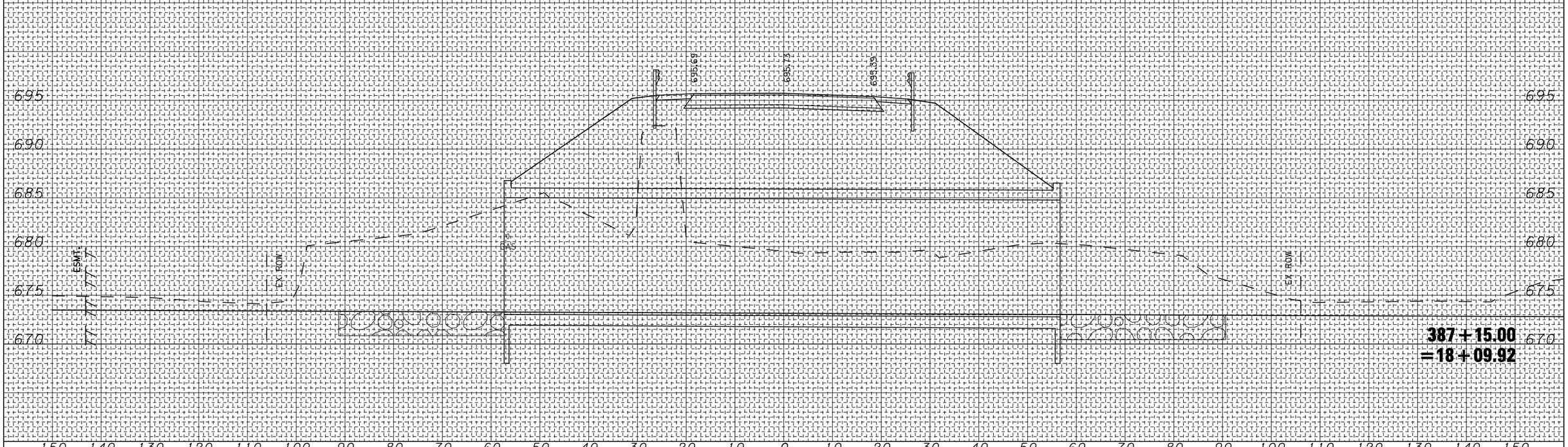
SCALE: | SHEET NO. 6 OF 16 SHEETS | STA. 387+00.00 TO STA. 387+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	41
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

SKEWED SECTION ALONG PROPOSED CULVERT



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	PLOT DATE = 10/21/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

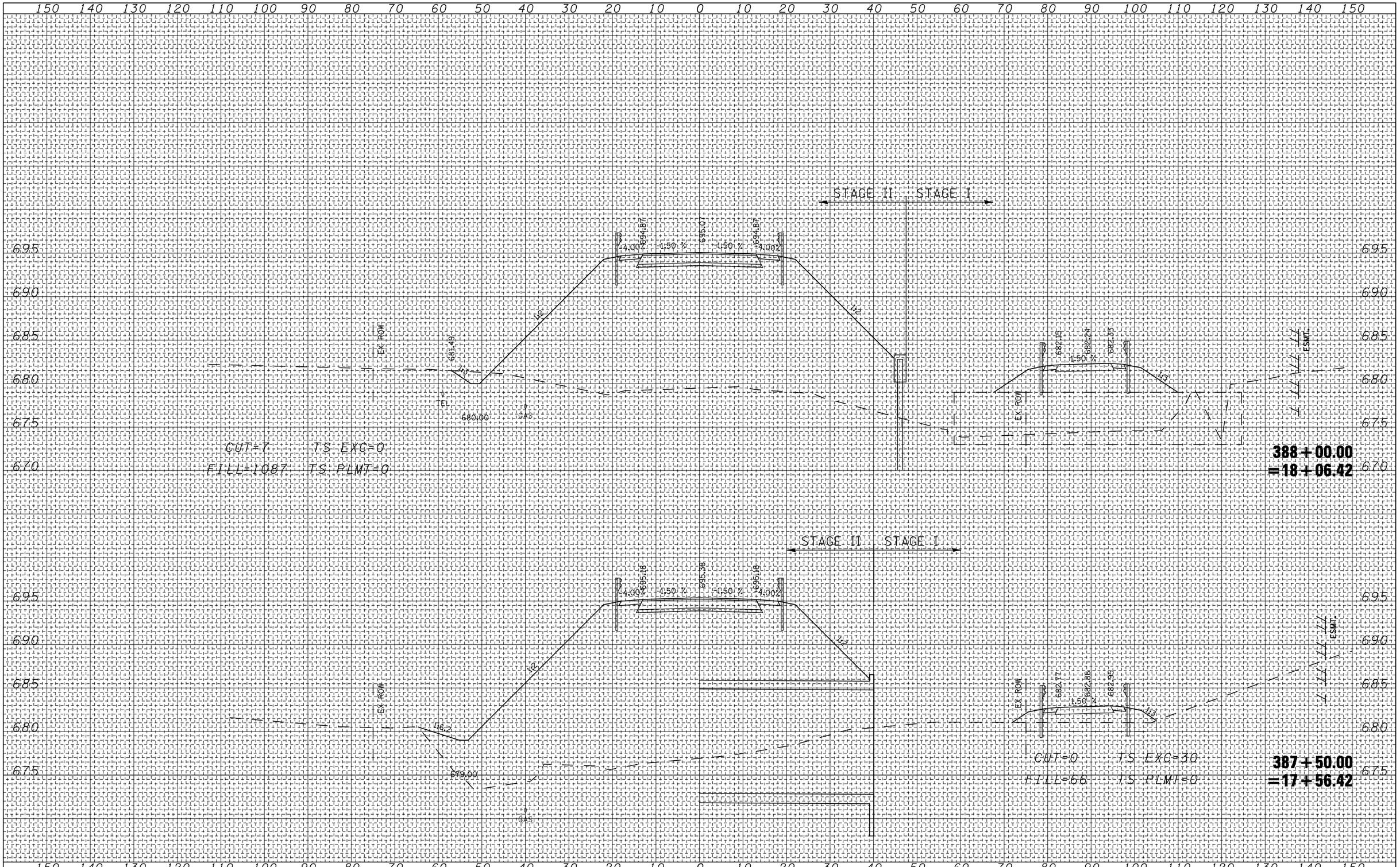
US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 7 OF 16 SHEETS | STA. 387+15.00 | TO STA. 387+15.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	42
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

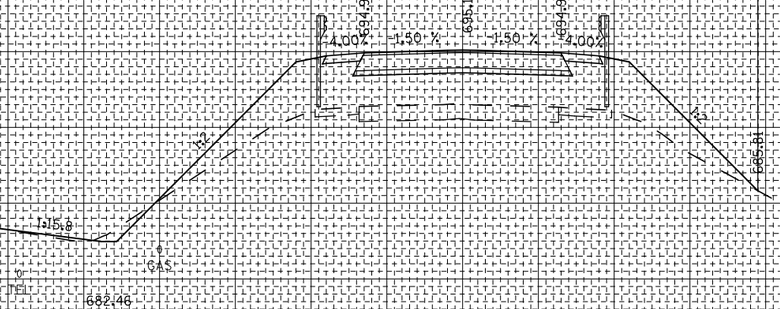
SCALE: | SHEET NO. 8 OF 16 SHEETS | STA. 387+50.00 TO STA. 388+00.00

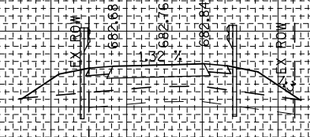
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	43
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

695 690 685 680 675

STAGE II STAGE I



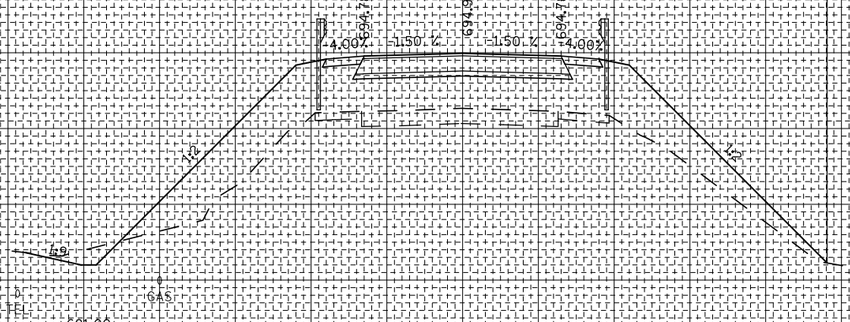


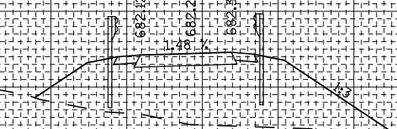
CUT=3 TS EXC=0
FILL=173 TS PLMT=0

CUT=0 TS EXC=27
FILL=61 TS PLMT=0

389+00.00
=19+06.54

STAGE II STAGE I





CUT=6 TS EXC=0
FILL=238 TS PLMT=0

CUT=0 TS EXC=0
FILL=141 TS PLMT=0

388+50.00
=18+56.43

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY NOTE BOOK

NO.	BY	DATE
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY NOTE BOOK

NO.	BY	DATE
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

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	PLOT DATE = 10/20/2009	DATE -

REVISED -	REVISED -	REVISED -
REVISED -	REVISED -	REVISED -
REVISED -	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 9 OF 16 SHEETS | STA. 388+50.00 TO STA. 389+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	44
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

700
695
690
685
680

STAGE II STAGE I

EX ROW
1:3
1:2
1:2.5
4.00%
-1.50 %
-1.50 %
4.00%
695.80
696.00
695.80
688.22
GAS
685.74
TEL
CUT=0 TS EXC=0
FILL=183 TS PLMT=0

STAGE II STAGE I

EX ROW
1:2
1:2
4.00%
-1.50 %
-1.50 %
4.00%
695.25
695.44
695.25
685.74
TEL
CUT=1 TS EXC=0
FILL=167 TS PLMT=0

STAGE I

EX ROW
1:3
1:3
695.67
695.63
695.59
691.0
ESMT
CUT=0 TS EXC=21
FILL=135 TS PLMT=0
390+00.00
=20+07.12

EX ROW
1:2
1:2
683.92
683.90
683.88
0.39 %
ESMT
CUT=0 TS EXC=22
FILL=92 TS PLMT=0
389+50.00
=19+56.86

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 10 OF 16 SHEETS | STA. 389+50.00 TO STA. 390+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	45
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

700
695
690
685
680

STAGE II STAGE I

EX. ROW

4.00% 697.13 -1.50 % 697.33 -1.50 % 697.13 4.00%

1:3

692.60 CL

1:3

690.54 690.47 690.40

EX. ROW

ESMT.

CUT=0 TS EXC=0
FILL=135 TS PLMT=0

CUT=0 TS EXC=11
FILL=108 TS PLMT=0

391+00.00
=21+07.74

STAGE II STAGE I

EX. ROW

4.00% 696.47 -1.50 % 696.66 -1.50 % 696.47 4.00%

1:4

691.10 CL

1:3

688.00 687.94 687.88

0.96

EX. ROW

ESMT.

CUT=0 TS EXC=0
FILL=160 TS PLMT=0

CUT=0 TS EXC=17
FILL=133 TS PLMT=0

390+50.00
=20+57.43

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 11 OF 16 SHEETS | STA. 390+50.00 TO STA. 391+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	46
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

710 705 700 695 690 685

EX. ROW

STAGE II STAGE I

-4.00% -1.50 % -1.50 % 4.00%

699.13 699.35 699.13 697.45 697.36 697.28

1.41 1.23

1:4 1:4 1:2 1:2

697.10 696.32 696.16

ESMT.

CUT=3 TS EXC=0
FILL=23 TS PLMT=0

CUT=206 TS EXC=0
FILL=0 TS PLMT=0

392+50.00
=22+58.71

STAGE II STAGE I

-4.00% -1.50 % -1.50 % 4.00%

698.42 698.66 698.47 695.60 695.42 695.34

1.37 %

1:4 1:4 1:2 1:2

695.60 694.38 694.22

CUT=2 TS EXC=0
FILL=22 TS PLMT=0

CUT=83 TS EXC=0
FILL=0 TS PLMT=0

392+00.00
=22+08.38

STAGE II STAGE I

-4.00% -1.50 % -1.50 % 4.00%

697.80 697.93 697.80 695.08 693.00 692.92

1.29 %

1:4 1:4 1:2 1:2

CUT=1 TS EXC=0
FILL=58 TS PLMT=0

CUT=0 TS EXC=0
FILL=26 TS PLMT=0

391+50.00
=21+58.06

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO. — BY — DATE
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 12 OF 16 SHEETS | STA. 391+50.00 TO STA. 392+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	47
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

710 / 705 / 700 / 695

EX. ROW

STAGE II STAGE I

700.25 700.44 700.25 700.18 700.09 700.00

-4.00% -1.50 % -1.50 % -4.00% 1.52 %

TEL

CAS

CUT=15 TS EXC=0
FILL=0 TS PLMT=0

698.88

CUT=90 TS EXC=0
FILL=0 TS PLMT=0

393+89.00
=23+98.66

EX. ROW

STAGE II STAGE I

700.28 700.06 700.08 699.16 699.72 699.63

-4.00% -1.50 % -1.50 % -4.00%

TEL

CAS

CUT=3 TS EXC=0
FILL=0 TS PLMT=0

698.51

CUT=143 TS EXC=0
FILL=1 TS PLMT=0

393+50.00
=23+59.39

EX. ROW

STAGE II STAGE I

699.70 699.30 699.70 699.08 699.79 698.71

-4.00% -1.50 % -1.50 % -4.00% -1.45 %

TEL

CAS

EX. ROW ESMT.

CUT=3 TS EXC=0
FILL=32 TS PLMT=0

697.76 697.58

CUT=239 TS EXC=0
FILL=0 TS PLMT=0

393+00.00
=23+09.05

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY — NOTE BOOK — NO.

BY | DATE

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY — NOTE BOOK — NO.

BY | DATE

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht-const.dgn	USER NAME = rcook	DESIGNED -	REVISED -
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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 13 OF 16 SHEETS | STA. 393+00.00 TO STA. 393+89.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	48
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

710 705 700 695

EX ROW

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

STAGE II STAGE I

700.08 700.27
-4.00% -1.50 % -1.50 % 1.00%

CUT=4 TS EXC=0
FILL=1 TS PLMT=0

395+00.00
=25+10.46

CUT=5 TS EXC=0
FILL=0 TS PLMT=0

STAGE II STAGE I

700.27 700.46 700.17 700.08
-4.00% -1.50 % -1.49 % 1.53 %

698.96

CUT=27 TS EXC=0
FILL=0 TS PLMT=0

394+50.00
=24+60.09

CUT=16 TS EXC=0
FILL=0 TS PLMT=0

STAGE II STAGE I

700.27 700.47 700.27 700.28 700.14 700.05
-4.00% -1.50 % -1.50 % -4.00% 1.53 % 1.00%

698.82

CUT=78 TS EXC=0
FILL=0 TS PLMT=0

394+00.00
=24+09.74

FINAL SURVEY — NOTE BOOK — NO.
ORIGINAL SURVEY — NOTE BOOK — NO.
SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED
BY DATE

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht-const.dgn	USER NAME = rcook	DESIGNED -	REVISED -
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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 14 OF 16 SHEETS | STA. 394+00.00 TO STA. 395+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	49
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

705
700

EX ROW

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

STAGE II STAGE I

697.50
697.69
-4.00%
-1.50 %

397+00.00

705
700

EX ROW

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

STAGE II STAGE I

696.36
698.55
-4.00%
-1.50 %

396+50.00

705
700

EX ROW

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

STAGE II STAGE I

699.21
699.31
-4.00%
-1.50 %

396+00.00

710
705
700

EX ROW

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

STAGE II STAGE I

699.69
699.89
-4.00%
-1.50 %
-4.00%

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

395+50.00
=25+60.70

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 15 OF 16 SHEETS | STA. 395+50.00 TO STA. 397+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	50
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

705
700
695

EX ROW
GAS
EX ROW

398 + 50.00

705
700
695

EX ROW

STAGE II STAGE I

EX ROW

-4.00%
-1.50 %
696.78
695.91

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

398 + 00.00

705
700
695

EX ROW

STAGE II STAGE I

EX ROW

-4.00%
-1.50 %
696.64
696.83

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

397 + 50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht-const.dgn	USER NAME = rcook	DESIGNED -	REVISED -
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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (CONSTRUCTION)

SCALE: | SHEET NO. 16 OF 16 SHEETS | STA. 397+50.00 TO STA. 398+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	51
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ORIGINAL SURVEY
NOTE BOOK
NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

FINAL SURVEY
NOTE BOOK
NO.

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

705
700
695

STAGE III

EX. ROW

4.00% 700.79 -1.50 % 700.39 -1.50 % 700.79 4.00%

GAS

CUT=3 TS EXC=0
FILL=2 TS PLMT=0

381+88.00
=11+88.17

STAGE III

EX. ROW

4.00% 700.79 -1.50 % 700.39 -1.50 % 700.79 4.00%

GAS

CUT=4 TS EXC=0
FILL=3 TS PLMT=0

381+50.00
=11+50.03

STAGE III

EX. ROW

4.00% 700.79 -1.50 % 700.39 -1.50 % 700.79 4.00%

GAS

CUT=1 TS EXC=0
FILL=0 TS PLMT=0

381+00.00

380+50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 1 OF 16 SHEETS | STA. 380+50.00 TO STA. 381+88.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	52
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

705
700
695

STAGE III
EX ROW
PR ROW
ESMT.
TEL
GAS
4.00%
1.50 %
1:50
1:3
700.15
700.35
698.27

CUT=8 TS EXC=0
FILL=98 TS PLMT=8

383+42.00
=13+44.22

STAGE III
EX ROW
ESMT.
TEL
GAS
4.00%
1.50 %
1:50
1:3
700.46
700.67
698.64

CUT=10 TS EXC=0
FILL=58 TS PLMT=2

383+00.00
=13+01.59

STAGE III
EX ROW
ESMT.
GAS
4.00%
1.50 %
700.72
700.91
698.94

CUT=5 TS EXC=0
FILL=12 TS PLMT=0

382+50.00
=12+50.84

STAGE III
EX ROW
GAS
4.00%
1.50 %
700.79
700.98
699.24

CUT=1 TS EXC=0
FILL=2 TS PLMT=0

382+00.00
=12+00.26

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht.dgn	USER NAME = rcook	DESIGNED -	REVISED -
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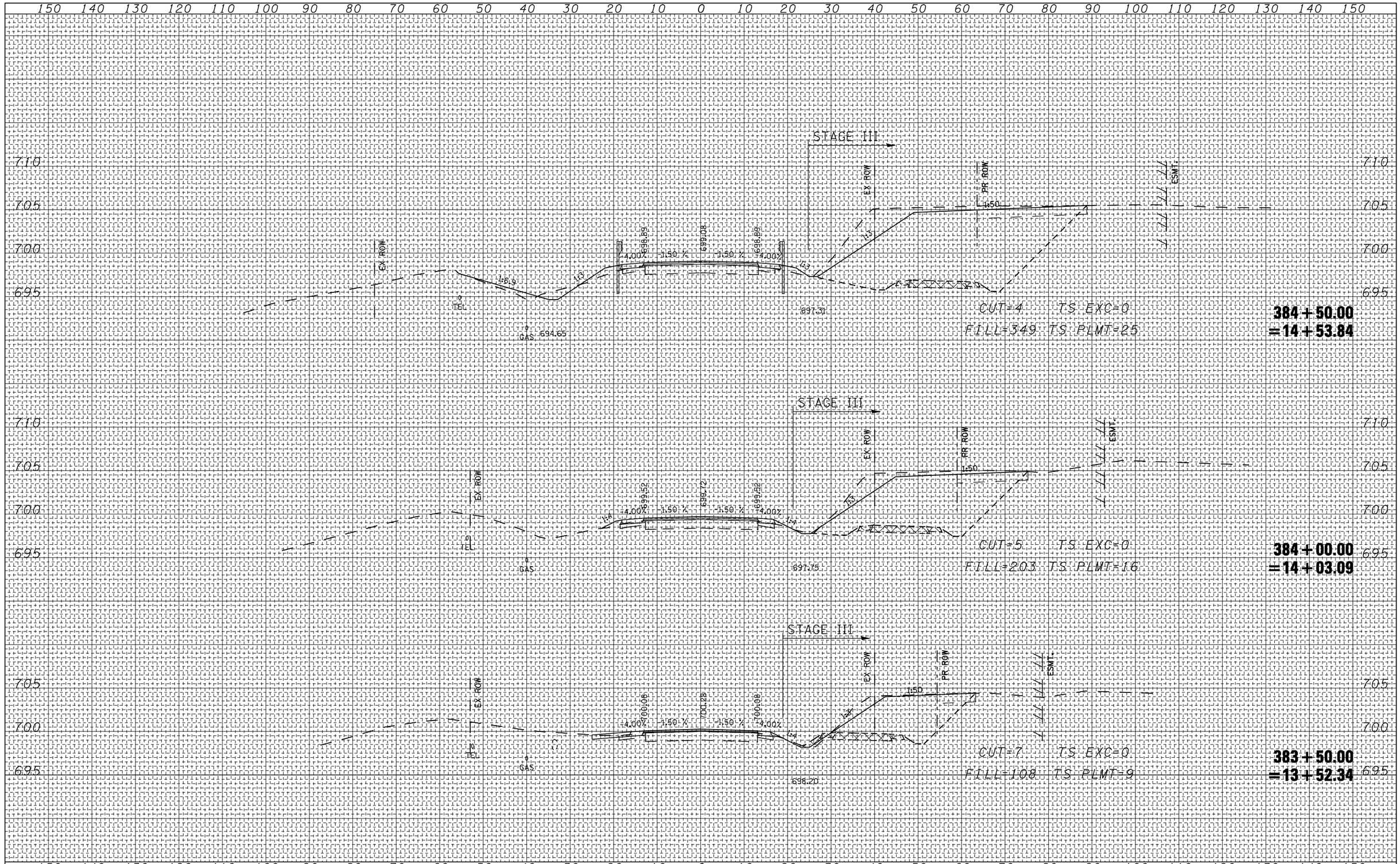
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 2 OF 16 SHEETS | STA. 382+00.00 TO STA. 383+42.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	53
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

NO.	NOTE BOOK	SURVEYED	BY
		PLOTTED	
		TEMPLATE	
		AREAS	
		AREAS CHECKED	DATE

ORIGINAL SURVEY

NO.	NOTE BOOK	SURVEYED	BY
		PLOTTED	
		TEMPLATE	
		AREAS	
		AREAS CHECKED	DATE

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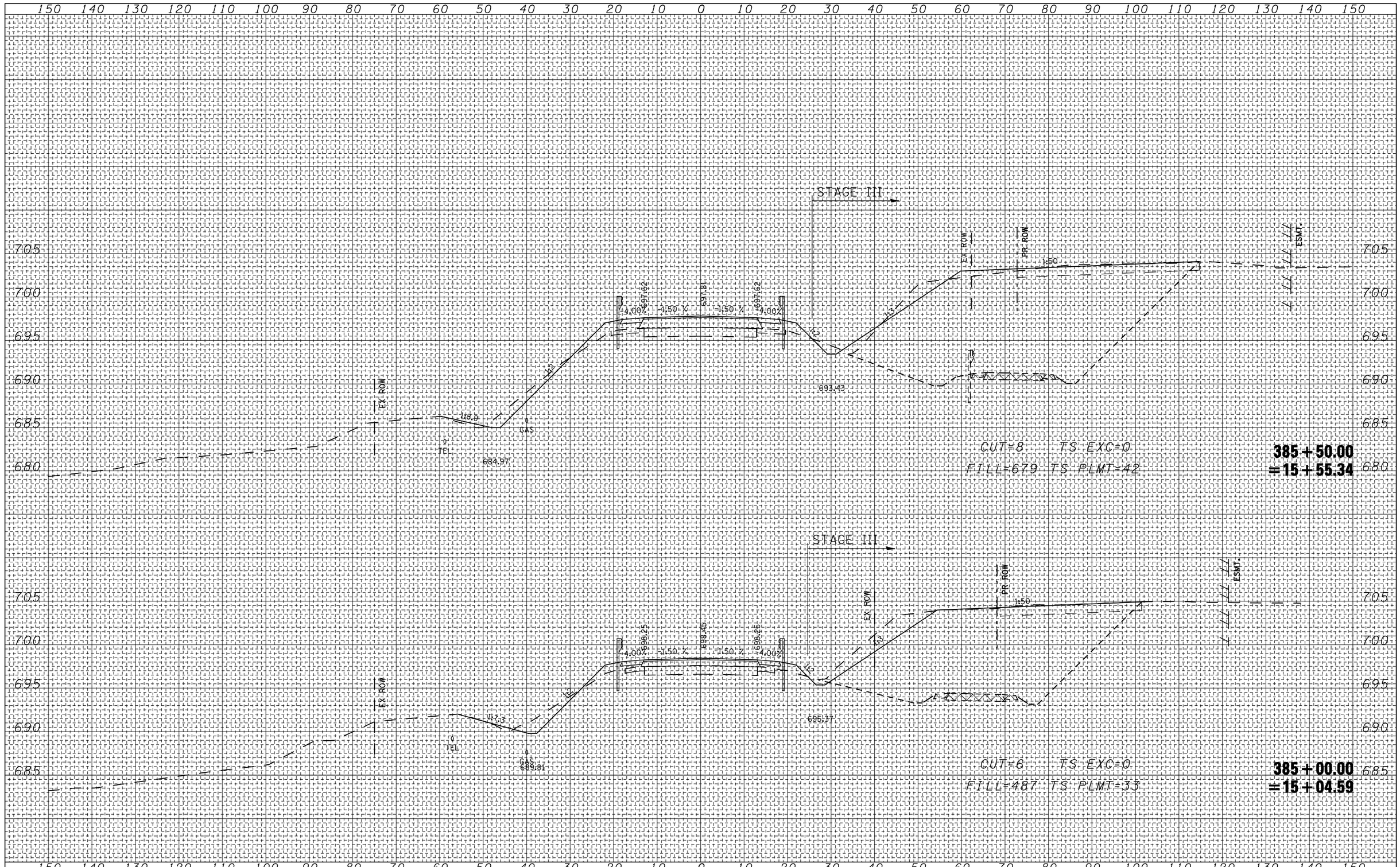
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 3 OF 16 SHEETS | STA. 383+50.00 TO STA. 384+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	54
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

NOTE BOOK	BY	DATE
NO.		
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY

NOTE BOOK	BY	DATE
NO.		
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

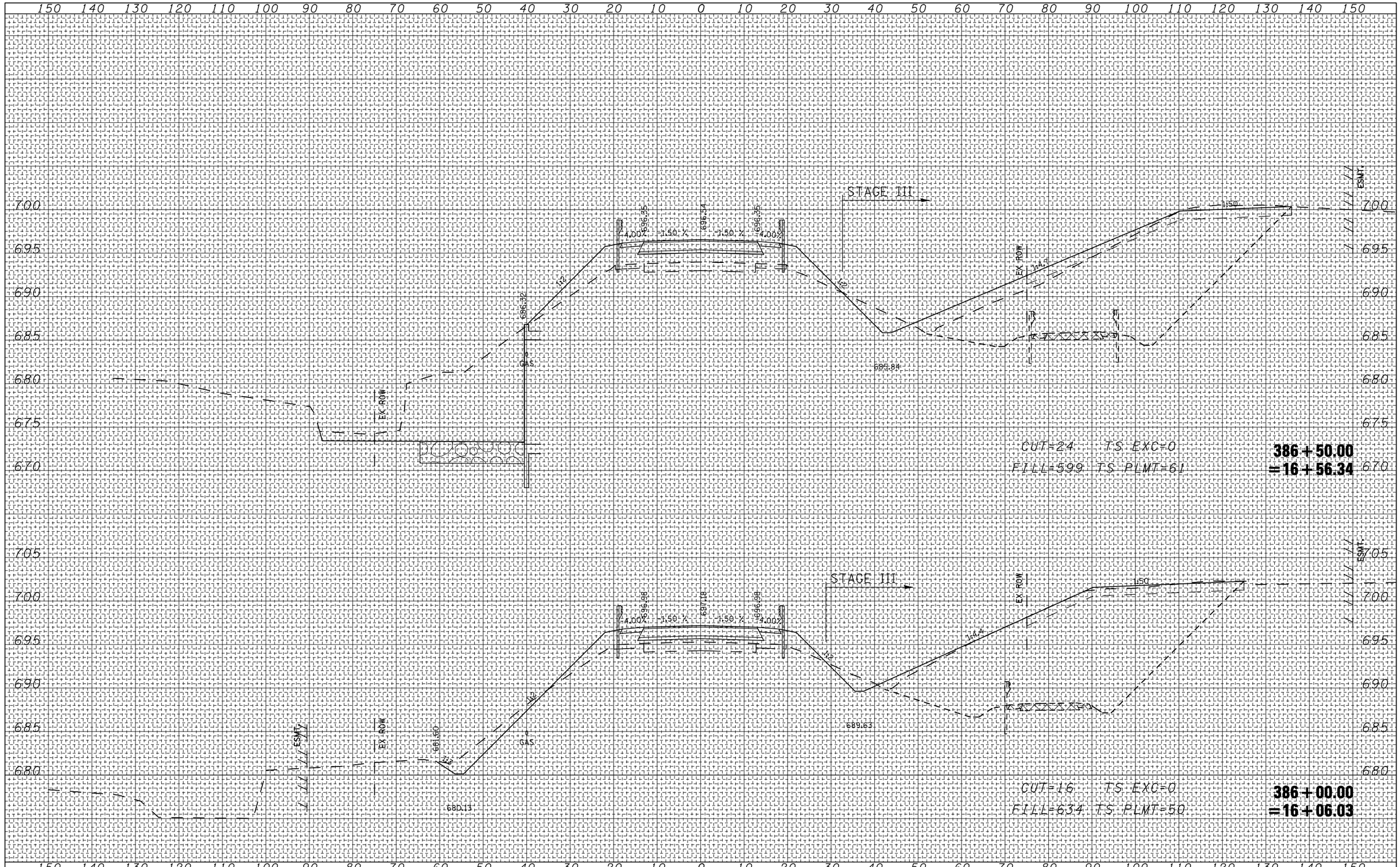
US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 4 OF 16 SHEETS | STA. 385+00.00 TO STA. 385+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	55
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE



ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht.dgn	USER NAME = rcook	DESIGNED -	REVISED -
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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

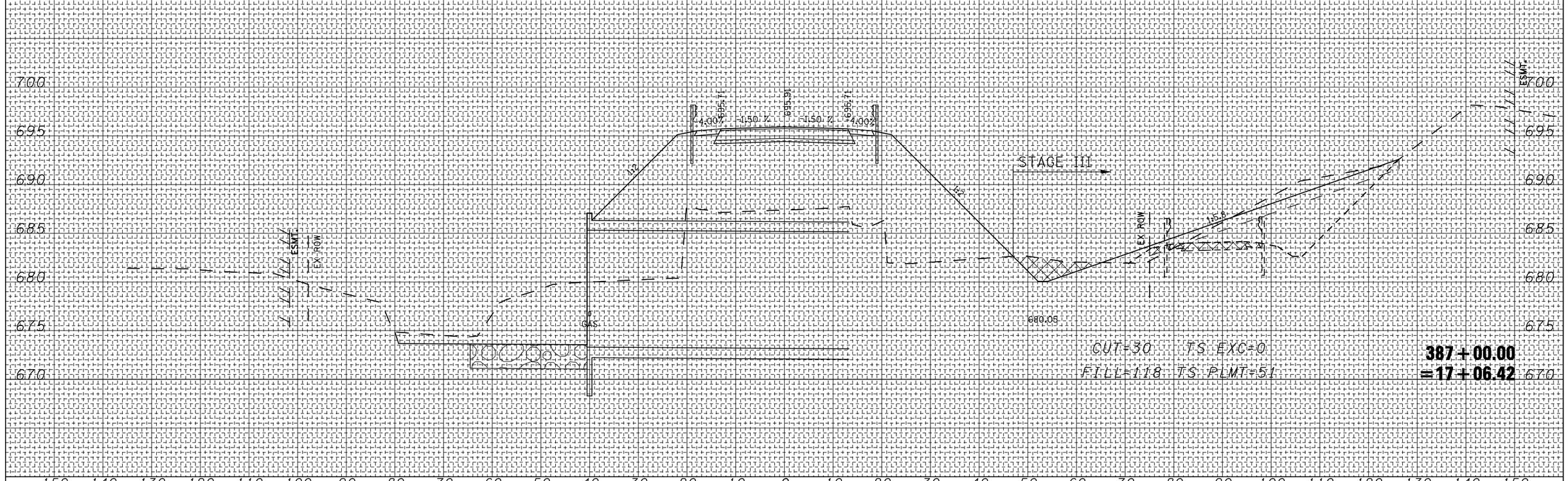
US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 5 OF 16 SHEETS | STA. 386+00.00 TO STA. 386+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	56
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

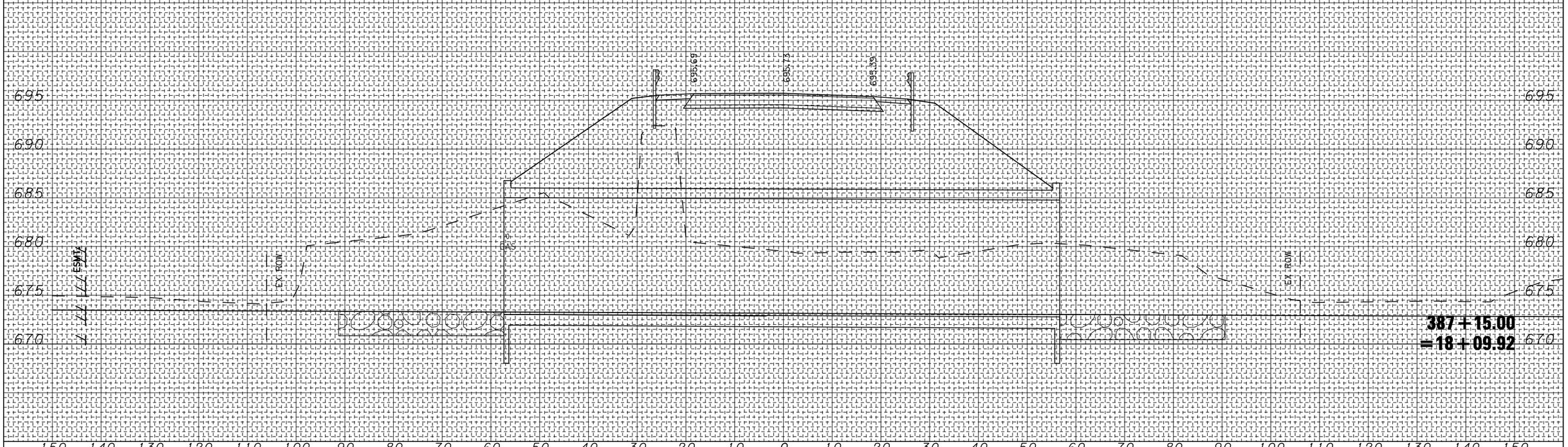
US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 6 OF 16 SHEETS | STA. 387+00.00 TO STA. 387+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	57
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

SKEWED SECTION ALONG PROPOSED CULVERT



ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

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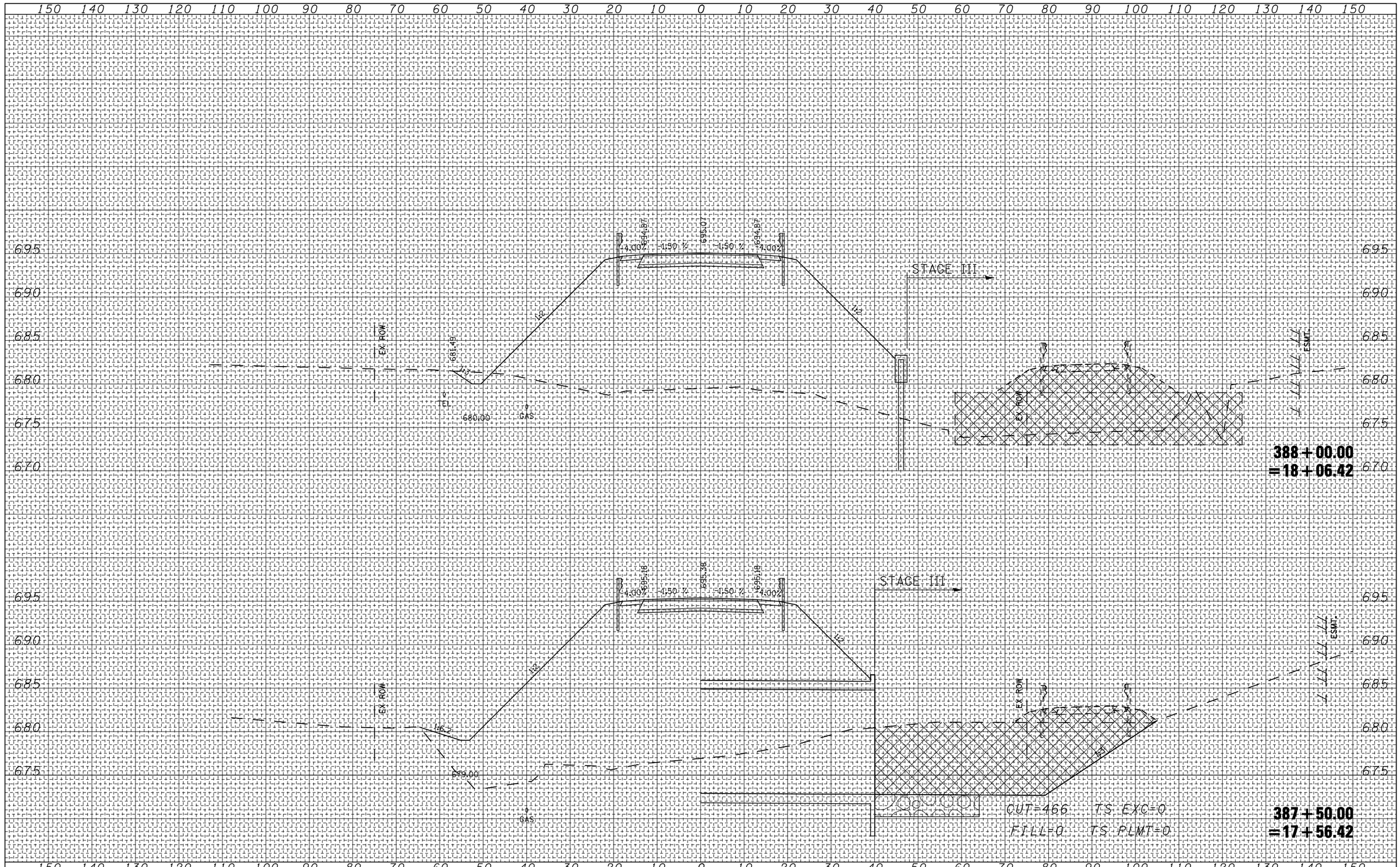
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 7 OF 16 SHEETS | STA. 387+15.00 | TO STA. 387+15.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	58
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY

NO.	NOTE BOOK	BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY

NO.	NOTE BOOK	BY	DATE
	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

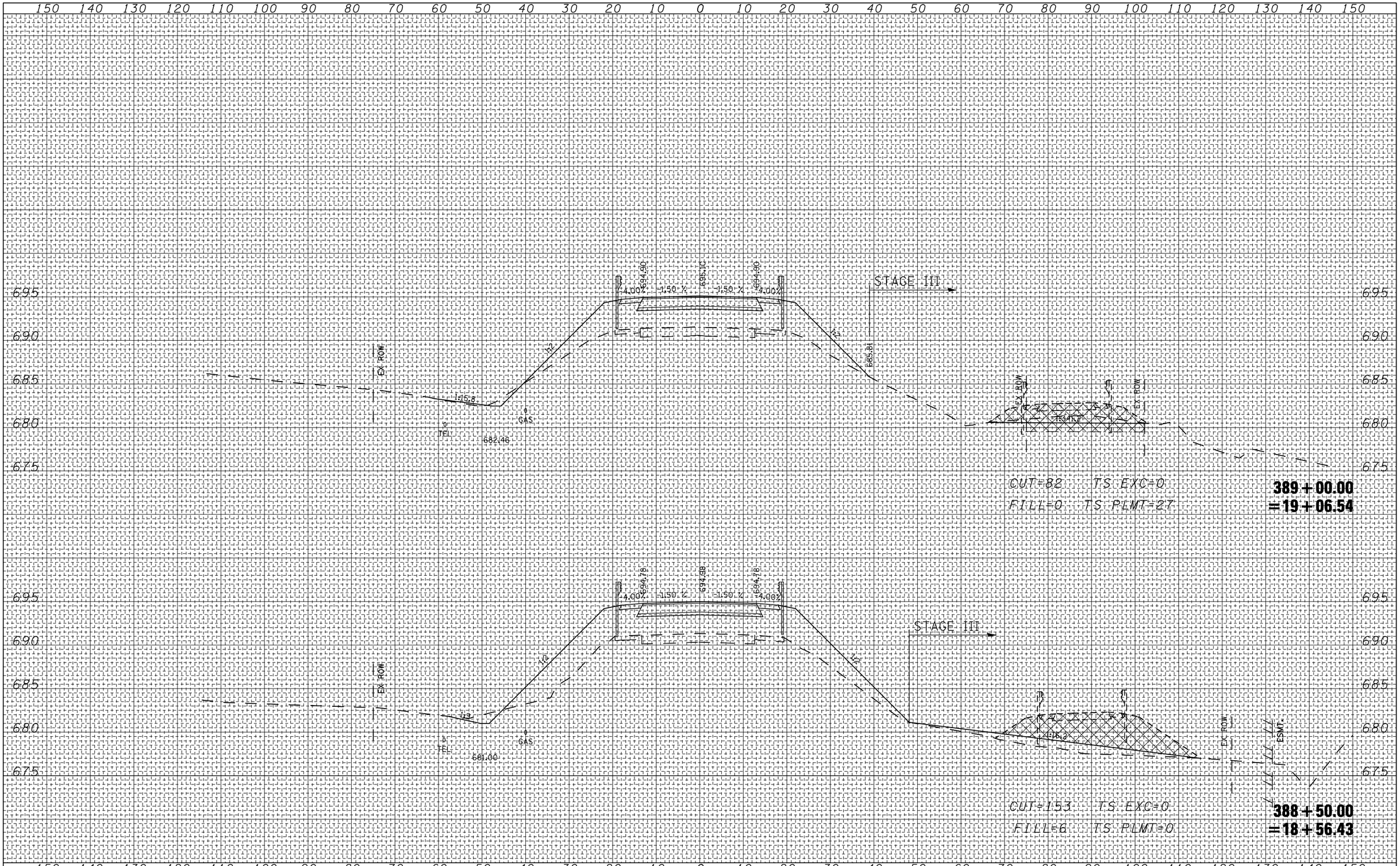
US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 8 OF 16 SHEETS | STA. 387+50.00 TO STA. 388+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	59
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE



ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht.dgn	USER NAME = rcook	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 9 OF 16 SHEETS | STA. 388+50.00 TO STA. 389+00.00

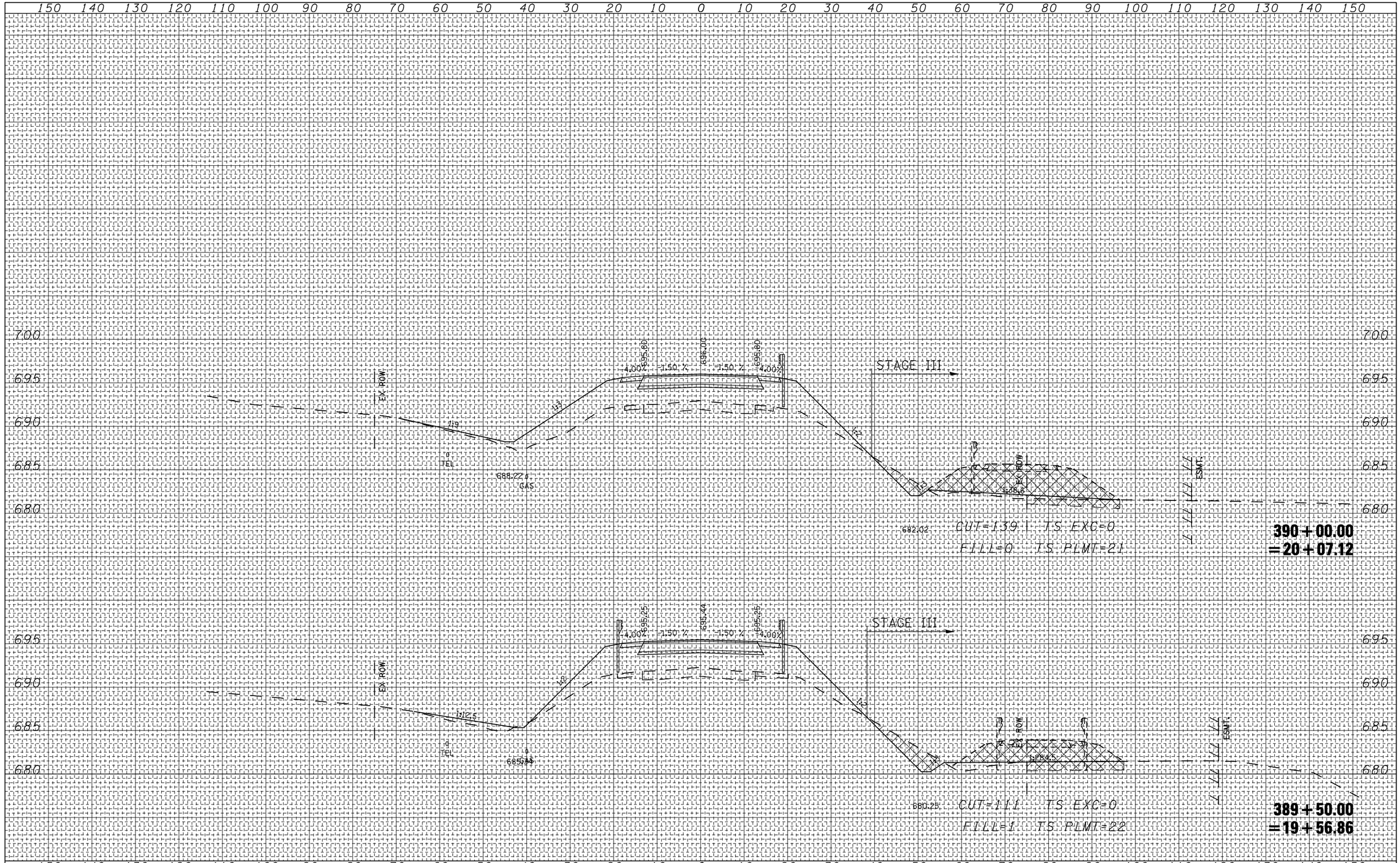
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	60
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE



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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 10 OF 16 SHEETS | STA. 389+50.00 TO STA. 390+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	61
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

700
695
690
685
680

EX. ROW
℄ TEL
GAS 692.60
4.00%
-1.50 %
697.13
697.33
-1.50 %
4.00%
3:1
2:1
STAGE III
687.39
CUT=110 TS EXC=0
FILL=0 TS PLMT=11
391+00.00
=21+07.74

EX. ROW
℄ TEL
691.10
GAS
4.00%
-1.50 %
696.47
696.66
-1.50 %
4.00%
1:3
2:1
STAGE III
683.79
CUT=151 TS EXC=0
FILL=0 TS PLMT=17
390+50.00
=20+57.43

ESMT.

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht.dgn	USER NAME = rcook	DESIGNED -
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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -
	PLOT DATE = 10/20/2009	DATE -

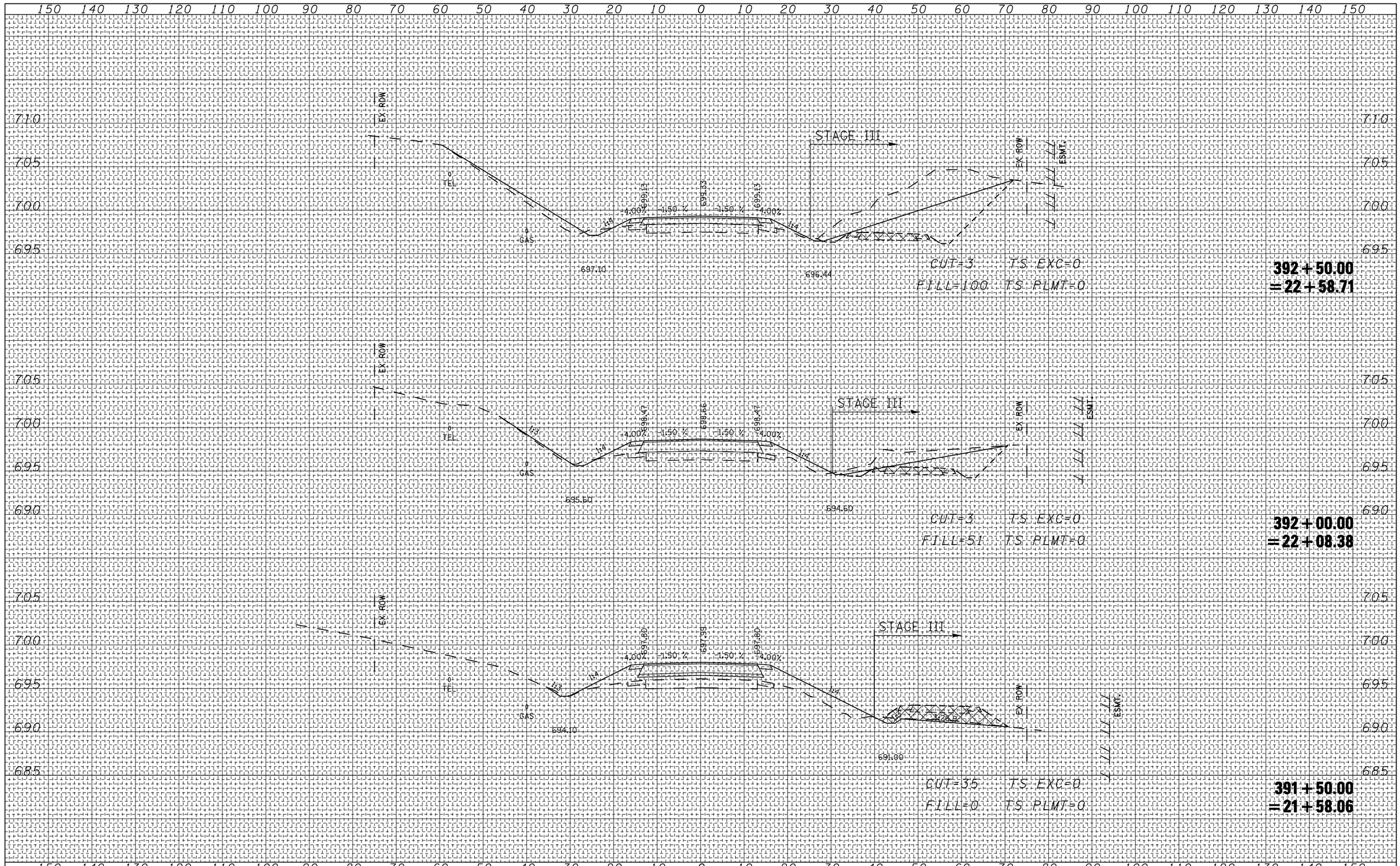
REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 11 OF 16 SHEETS | STA. 390+50.00 TO STA. 391+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	62
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

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	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 12 OF 16 SHEETS | STA. 391+50.00 TO STA. 392+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	63
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

710 705 700 695 715

EX. ROW

℄ TEL

℄ GAS

STAGE III

-4.00% 700.25 -1.50 % 700.44 -1.50 % 700.25 4.00%

CUT=3 TS EXC=0

FILL=80 TS PLMT=0

393+89.00

=23+98.66

EX. ROW

℄ TEL

℄ GAS

STAGE III

-4.00% 700.06 -1.50 % 700.28 -1.50 % 700.06 4.00%

CUT=5 TS EXC=0

FILL=96 TS PLMT=0

393+50.00

=23+59.39

EX. ROW

℄ TEL

℄ GAS

STAGE III

EX. ROW ESMT.

-4.00% 699.70 -1.50 % 699.50 -1.50 % 699.70 4.00%

698.60 698.28

CUT=3 TS EXC=0

FILL=132 TS PLMT=0

393+00.00

=23+09.05

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FINAL SURVEY

NOTE BOOK

NO.

SURVEYED

PLOTTED

TEMPLATE

AREAS

AREAS CHECKED

BY

DATE

ORIGINAL SURVEY

NOTE BOOK

NO.

SURVEYED

PLOTTED

TEMPLATE

AREAS

AREAS CHECKED

BY

DATE

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht.dgn	USER NAME = rcook	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 13 OF 16 SHEETS | STA. 393+00.00 TO STA. 393+89.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	64
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

710 705 700 695

EX ROW

STAGE III

-4.00% 700.08 -1.50 % 700.27 -1.50 % 700.08 4.00%

GAS

CUT=3 TS EXC=0
FILL=2 TS PLMT=0

395+00.00
=25+10.46

EX ROW

STAGE III

TEL

GAS

-4.00% 700.27 -1.50 % 700.46 -1.50 % 700.27 4.00%

CUT=2 TS EXC=0
FILL=35 TS PLMT=0

394+50.00
=24+60.09

EX ROW

STAGE III

TEL

GAS

-4.00% 700.27 -1.50 % 700.47 -1.50 % 700.27 4.00%

CUT=2 TS EXC=0
FILL=74 TS PLMT=0

394+00.00
=24+09.74

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK	AREAS	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK	AREAS	
NO.	AREAS CHECKED	

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 14 OF 16 SHEETS | STA. 394+00.00 TO STA. 395+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	65
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED
NO.		BY				
		DATE				

ORIGINAL SURVEY	NOTE BOOK	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED
NO.		BY				
		DATE				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

705
700
710

EX ROW
EX ROW
EX ROW
EX ROW

STAGE III
STAGE III
STAGE III

-4.00%
-1.50 %
-1.50 %
-4.00%

697.50
697.69
697.50

698.36
698.55
698.36

699.21
699.31
699.21

699.69
699.89
699.69

GAS

CUT=1 TS EXC=0
FILL=0 TS PLMT=0

CUT=2 TS EXC=0
FILL=0 TS PLMT=0

CUT=1 TS EXC=0
FILL=0 TS PLMT=0

CUT=0 TS EXC=0
FILL=0 TS PLMT=0

397+00.00

396+50.00

396+00.00

395+50.00
=25+60.70

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht.dgn	USER NAME = rcook	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 15 OF 16 SHEETS | STA. 395+50.00 TO STA. 397+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	66
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		DATE
TEMPLATE		
AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		BY
PLOTTED		DATE
TEMPLATE		
AREAS		
AREAS CHECKED		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

705
700
695

EX ROW

GAS

STAGE III

EX ROW

398 + 50.00

705
700
695

EX ROW

GAS

STAGE III

EX ROW

-4.00% 696.78 -1.50 % 695.91 -1.50 % 695.78 4.00%

CUT=1 TS EXC=0

FILL=0 TS PLMT=0

398 + 00.00

705
700
695

EX ROW

GAS

STAGE III

EX ROW

-4.00% 696.64 -1.50 % 696.85 -1.50 % 696.64 4.00%

CUT=1 TS EXC=0

FILL=0 TS PLMT=0

397 + 50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

FILE NAME = P:\0340802.01 Mud Creek\CADD Sheets\D570528-sht-xssht.dgn	USER NAME = rcook	DESIGNED -	REVISED -
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	PLOT DATE = 10/20/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 136 (FINAL GRADING)

SCALE: | SHEET NO. 16 OF 16 SHEETS | STA. 397+50.00 TO STA. 398+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	121-BR-1	MCLEAN	67	67
		CONTRACT NO. 70528		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		