

PROJECT ENGINEER: CHRISTOPHER MAUSHARD PHONE: (309) 671-3453

DESIGNER: MIKE MOHAMED PHONE: (309) 671-3462

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DISTRICT STANDARDS

281001-D4	406301-D4	780001-D4
406101-D4	440001-D4	836001-D4

HIGHWAY STANDARDS

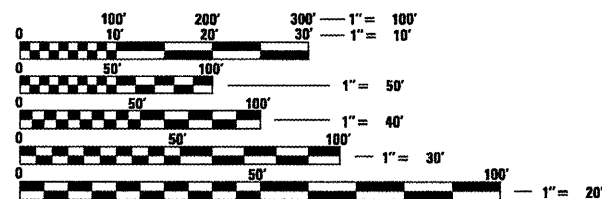
280001-04	606001-04	701101-02	701901-01	781001-03
420001-07	606301-04	701201-03	720011-01	
482011-03	666001-01	701306-02	728001-01	
542301-02	701001-02	701311-03	729001-01	
542401-01	701006-03	701326-03	780001-02	

DESIGN DESIGNATION

OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL
ADT (2007) = 5,600	ADT (2007) = 1,650
MU = 1,200	MU = 175
SU = 300	SU = 125
TRUCKS = 26.8%	TRUCKS = 18.2%

SURVEY BOOK NUMBERS

2872A
2876



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.

CONTRACT NO. 68818
CATALOG NO. 033795-00D

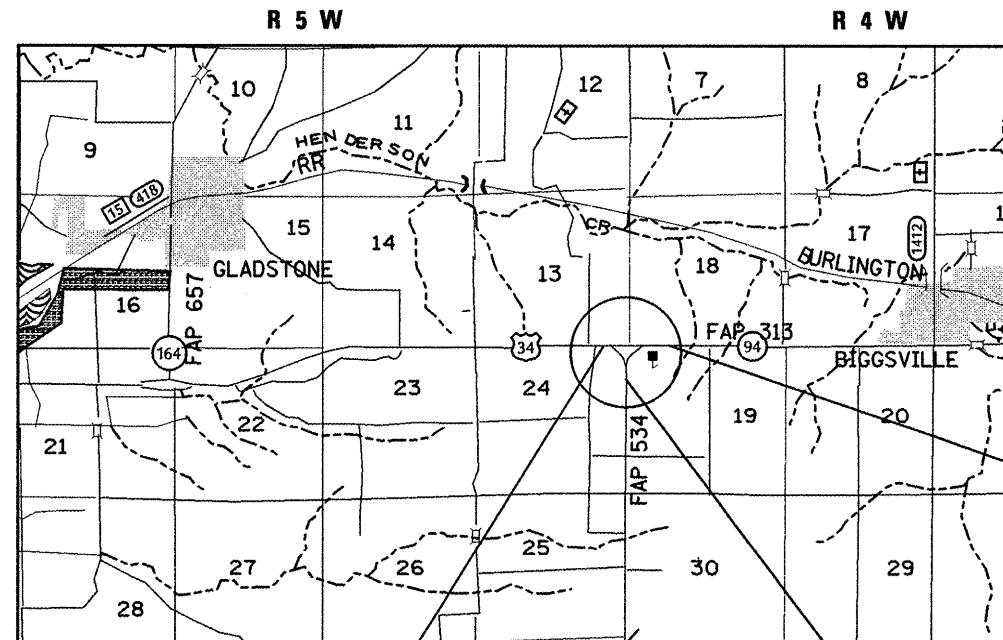
NPDES PERMIT REQUIRED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 313 (US 34) & 534 (IL 94 /116)
SECTION 6R-1; (109 EX) R
PROJECT RECONSTRUCTION
HENDERSON COUNTY
PROJECT HSIP-NHF-0005 (672)
C-94-075-08



PROJECT ENDS
US 34 STA. 770 + 33.10

PROJECT ENDS
IL 94 /116 STA. 10 + 30.00

PROJECT BEGINS
US 34 STA. 752 + 78.43

PROJECT DESCRIPTION
THE WORK CONSISTS OF RECONSTRUCTION OF THE "Y" INTERSECTION AT US 34 AND IL 94 /116 TO A "T" INTERSECTION; WIDENING AND RESURFACING OF US 34 AND OTHER COLLATERAL WORK.

GROSS LENGTH = 2,460.95 FT. = 0.466 MILE
NET LENGTH = 2,460.95 FT. = 0.466 MILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313 & 534	6R-1; (109 EX) R	HENDERSON	81	1
ILLINOIS			CONTRACT NO. 68818	

★ 81-1 = 80

D-94-056-08



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 3/17/09
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8, 2009
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2009
[Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

PARCEL NO. 410Z003 – COMMITMENT TO PROPERTY OWNER, MS. PHYLLIS JOHNSON, TO REMOVE THE EXISTING ENTRANCE RT. STA. 764+58.86 (US 34) AND REPLACE IT WITH A COMMERCIAL ENTRANCE RT. STA. 765+62.63 (US 34) SUCH THAT THE EXISTING CIRCLE DRIVE IS MAINTAINED AS SHOWN IN THE PLANS. TEMPORARY EASEMENT HAS BEEN OBTAINED TO CONSTRUCT THE PROPOSED ENTRANCE.

SECTION 401 WATER QUALITY CERTIFICATIONS – THE CONTRACTOR MUST MEET THE REQUIREMENTS STIPULATED IN THE FACT SHEET INCLUDED WITH THE NATIONWIDE PERMIT (SEE SPECIAL PROVISIONS).

STATUS OF UTILITIES

NICOR GAS

MR. KENNETH MILLER
1375 BUCHANAN STREET
CARTHAGE, IL 62320

ROUTE	OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
IL 94	12' LT. TO 19' LT.	3+00 TO 6+70	BURIED GAS	CUT	RELOCATE
US 34	27' LT. TO 65' LT.	755+50 TO 765+50	BURIED GAS	CUT	RELOCATE
US 34	18' RT. TO 23' RT.	765+50 TO 770+62	BURIED GAS	CUT	RELOCATE

FRONTIER COMMUNICATIONS

MR. JAMES CLARK
214 SOUTH FIRST STREET
MONMOUTH, IL 61462

ROUTE	OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
IL 94	18' LT. TO 65' LT.	4+00 TO 4+50	BURIED TELEPHONE	CUT	RELOCATE
IL 94	18' LT.	4+60 TO 6+60	BURIED TELEPHONE	CUT	RELOCATE

GENERAL NOTES

SOILS REPORT AVAILABILITY

ALL SOILS DATA COLLECTED AND PROCESSED FOR THE SOILS REPORT MADE IN CONJUNCTION WITH THE DESIGN OF THIS IMPROVEMENT IS ON FILE AT THE DISTRICT OFFICE WHERE IT IS AVAILABLE FOR INSPECTION BY CONTRACTORS OR PROSPECTIVE BIDDERS. BY SUBMITTING A BID, THE CONTRACTOR ACKNOWLEDGES THAT THE SOILS REPORT HAS BEEN MADE AVAILABLE AND IS AWARE OF THE REPORT CONTENTS AND APPENDICES.

UTILITIES – LOCATIONS /INFORMATION ON PLANS

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN — ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

TREE REMOVAL – UTILITY RELOCATION

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY THE UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

PLAN ELEVATIONS – U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNER WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

TREE REMOVAL

THE DISTRICT FOUR TREE COMMITTEE SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS /LOCATIONS INCLUDED IN THE PLANS.

GENERAL NOTES (CONTINUED)

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- * BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- * A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- * SIGNED PROPERTY OWNER AGREEMENT FORM - D4 PI0100
- * COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- * BORROW AREA ENTRY AGREEMENT FORM - D4 PI0101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

PAVEMENT STATION NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20mm) WIDE, 5 INCHES (125mm) HIGH AND 5/8 INCH (15mm) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS - 6 INCHES (150mm) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION:

- * 2, 3 & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- * MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- * RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

GENERAL NOTES (CONTINUED)

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

REFLECTIVE CRACK CONTROL PLACEMENT

STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED ON THE EXISTING SURFACE.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX /PIPE CULVERTS, STORM SEWERS, AND /OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

MEDIAN AND ISLAND NOSES

WHEN CONSTRUCTING MEDIAN AND ISLAND NOSES THE FOLLOWING CRITERIA SHOULD BE FOLLOWED:

- BARRIER CURB SHALL BE USED TO CONSTRUCT NOSES WHEN THE MEDIAN OR ISLAND SURROUNDS A MAST ARM OR OTHER NON-BREAKAWAY FOUNDATION.
- RAMPED NOSES SHALL BE USED ON MEDIANS OR ISLANDS WITH BREAKAWAY POSTS.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

ENGINEER'S FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (f) AND 670.04 (e): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

SIGN POST HOLES

VERTICAL HOLES SHALL BE CONSTRUCTED IN THE ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED OR CONCRETE MEDIAN SURFACE 4 INCHES (100 MM). THE HOLES SHALL BE 24 INCHES (600 MM) IN DIAMETER OR 24 INCHES (600 MM) SQUARE AND THEY SHALL BE FREE OF ANY OBSTRUCTION, EXCEPT EARTH, FOR A DEPTH OF 5 FEET (1.5 M) AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEERS. ANY HOLES NOT USED FOR THE PLACEMENT OF SIGNS SHALL BE FILLED AND COMPACTED FLUSH WITH THE TOP OF THE ISLAND PAVEMENT, CONCRETE MEDIAN OF THE TYPES SPECIFIED, OR CONCRETE MEDIAN SURFACE 4 INCHES (100 MM). THE TOP 3 INCHES OF SAID COMPACTED FILL SHALL CONSIST OF A HOT-MIX ASPHALT MIXTURE. ALL HOLES IN WHICH THE SIGN POSTS ARE INSTALLED AT THE TIME OF THIS CONTRACT SHALL BE SIMILARLY FILLED.

THIS WORK, INCLUDING ANY REQUIRED PAVEMENT REMOVAL NECESSARY TO CONSTRUCT THE SIGN POST HOLES, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED, OR CONCRETE MEDIAN SURFACE, 4 INCHES (100 MM).

FILE NAME = sh01.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			313/534	6R-1; (109EX) R	HENDERSON	81	3	
		CHECKED -	REVISED -			CONTRACT NO. 68818					
		DATE -	REVISED -			SHEET NO. 2 OF 3 SHEETS		ILLINOIS FED. AID PROJECT			

GENERAL NOTES (CONTINUED)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S):	SURFACE COURSE FULL DEPTH PVMT - IL 94116 (2") MAINLINE - IL 94116 (1 1/2") MAINLINE - US 34 (1 1/2")	TOP BINDER COURSE FULL DEPTH PVMT - IL 94116 (2 1/4") MAINLINE - US 34 (2 1/4")	LOWER BINDER COURSE & HMA BASE COURSE FULL DEPTH PVMT - IL 94116 (9") HMA BASE CSE - US 34 (9 1/2") HMA BASE CSE WIDENING - US 34 (9 1/2")	HMA SHOULDER (TOP LIFT)	HMA SHOULDER (BOTTOM LIFTS) & TEMP. PAVEMENT	POLYMERIZED LEVELING BINDER MAINLINE IL 94116 (3/4")
ACPG:	SBS or SBR 70-28	SBS or SBR 70-28	PG 64-22	PG64-22	PG64-22	SBS OR SBR 70-22
RAP % (MAX)**:	10%	10%	15%	30%	30%	0%
DESIGN AIR VOIDS:	4.0% @ N=70	4.0% @ N=70	4.0% @ N=70	3.0% @ N=50	4.0% @ N=50	3.0% @ N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 or IL12.5	IL 19.0	IL 19.0	IL9.5	IL19.0	IL 4.75
FRICTION AGGREGATE:	Mixture D (dolomite only)	N.A.	N.A.	Mixture C	N.A.	N.A.

** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

SIGNING

SIGN LOCATIONS MAY VARY FROM THE STATIONS SHOWN ON THE PLANS IN ACCORDANCE WITH DIRECTIONS FROM THE ENGINEER AT THE TIME OF CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES.

ALL WOOD POST LOCATIONS SHALL BE VERIFIED WITH THE BUREAU OF OPERATIONS, TRAFFIC SECTION, BEFORE INSTALLATION.

JOB SPECIFIC NOTES

TEMPORARY PAVEMENT

ALL TEMPORARY PAVEMENT SHALL CONSIST OF A 4 INCH CRUSHED CA-6 OR CA-10 AGGREGATE BASE COURSE, TYPE B AND 6 INCH HMA BINDER AND WILL BE MEASURED FOR PAYMENT IN SQUARE YARDS. THE REMOVAL OF TEMPORARY PAVEMENT WILL BE PAID FOR SEPARATELY AS TEMPORARY PAVEMENT REMOVAL.

HMA SURFACE REMOVAL, 2"

IL 94116 STA. 8+00.00 TO STA. 10+00.00 - THE DEPTH OF THE HMA SURFACE TO BE REMOVED VARIES FROM 2 3/4 INCHES TO 1 1/2 INCHES AND WILL BE MEASURED FOR PAYMENT IN SQUARE YARDS AND PAID FOR AS HMA SURFACE REMOVAL, 2".

DRIVEWAY PAVEMENT REMOVAL

DRIVEWAY PAVEMENT SHALL BE REMOVED UP TO THE RIGHT-OF-WAY LINE AS SHOWN IN THE PLANS. ALL PAVEMENT BEYOND THE RIGHT-OF-WAY LINE SHALL REMAIN IN PLACE.

HMA PAVEMENT (FULL-DEPTH), 13 1/4"

HMA PAVEMENT (FULL-DEPTH) SHALL CONSIST OF THE FOLLOWING:

- POLYMERIZED HMA SURFACE COURSE - 2"
- POLYMERIZED HMA BINDER COURSE - 2 1/4"
- HMA BASE COURSE - 9"

THE WORK WILL BE MEASURED FOR PAYMENT IN SQUARE YARDS AND PAID FOR AS HMA PAVEMENT (FULL-DEPTH), 13 1/4".

JOB SPECIFIC NOTES (CONTINUED)

EXISTING AGGREGATE SHOULDERS

REMOVAL OF THE EXISTING AGGREGATE SHOULDER WILL BE INCLUDED IN THE EARTH EXCAVATION AND PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.

SUMMARY OF QUANTITIES				CONSTRUCTION CODE			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP	NHF		NHF
				ROADWAY 1000-2A 90% FED. 10% STATE	HWY LIGHTING Y030-1E 80% FED. 20% ST.	MOWING 1000-2A 100% STATE	ROADWAY 1000-2A 80% FED. 20% ST.
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12			
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	139	139			
*20101400	NITROGEN FERTILIZER NUTRIENT	POUND	0.3	0.3			
*20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.3	0.3			
*20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.3	0.3			
*20101700	SUPPLEMENTAL WATERING	UNIT	1	1			
20200100	EARTH EXCAVATION	CU YD	18,922				18,922
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	393				393
20700110	POROUS GRANULAR EMBANKMENT	TON	202				202
20800150	TRENCH BACKFILL	CU YD	19	19			
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	589	589			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	14,634				14,634
*25000210	SEEDING, CLASS 2A	ACRE	1.25	1.25			
*25000312	SEEDING, CLASS 4A	ACRE	0.75	0.75			
*25000322	SEEDING, CLASS 5A	ACRE	0.75	0.75			
*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	247	247			
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	247	247			
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	247	247			
*25000775	SELECTIVE MOWING STAKES	EACH	9	9			
*25100115	MULCH, METHOD 2	ACRE	1.25	1.25			
*25100630	EROSION CONTROL BLANKET	SQ YD	5,332	5,332			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	550	550			
28000300	TEMPORARY DITCH CHECKS	EACH	174	174			

* SPECIALTY
ITEM

SUMMARY OF QUANTITIES					CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP	NHF		NHF
				ROADWAY 1000-2A 90% FED. 10% ST.	HWY LIGHTING Y030-1E 80% FED. 20% ST.	MOWING 1000-2A 100% STATE	ROADWAY 1000-2A 80% FED. 20% ST.
28000400	PERIMETER EROSION BARRIER	FOOT	898	898			
28000500	INLET AND PIPE PROTECTION	EACH	14	14			
28100825	STONE DUMPED RIPRAP, CLASS B3	TON	389	389			
28200200	FILTER FABRIC	SQ YD	917	917			
31100100	SUB-BASE GRANULAR MATERIAL, TYPE A	TON	4,921				4,921
31101900	SUB-BASE GRANULAR MATERIAL, TYPE C	TON	703				703
35501450	HOT-MIX ASPHALT BASE COURSE	TON	1,117	1,117			
35600900	HOT-MIX ASPHALT BASE COURSE WIDENING	TON	63	63			
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	58	58			
40600215	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	TON	4	4			
40600300	AGGREGATE (PRIME COAT)	TON	23	23			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	313	313			
40600990	TEMPORARY RAMP	SQ YD	64	64			
40603235	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	282	282			
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	742	742			
40701946	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 1/4"	SQ YD	2,304	2,304			
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	143	143			
44000100	PAVEMENT REMOVAL	SQ YD	3,516				3,516
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	578	578			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	249	249			
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	572	572			
44002805	ISLAND REMOVAL	SQ FT	77	77			
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,577	1,577			

FILE NAME =
shv201.dgn

USER NAME = johnsonv
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 3/19/2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES
SHEET NO. 2 OF 5 SHEETS

F.A.P. RTE. 513/534	SECTION 6R-1: (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 6
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES					CONSTRUCTION CODE			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP	NHF		NHF	
				ROADWAY 1000-2A 90% FED. 10% ST.	HWY LIGHTING Y030-1E 80% FED. 20% ST.	MOWING 1000-2A 100% STATE	ROADWAY 1000-2A 80% FED. 20% ST.	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	694	694				
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,259	2,259				
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	261	261				
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4				
50105200	REMOVE EXISTING CULVERTS	EACH	4	4				
50105220	PIPE CULVERT REMOVAL	FOOT	4	4				
50800105	REINFORCEMENT BARS	POUND	46	46				
54002020	EXPANSION BOLTS 3/4 INCH	EACH	16	16				
54010202	PRECAST CONCRETE BOX CULVERT 2'X2'	FOOT	18	18				
54201483	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 18"	FOOT	36	36				
54213453	END SECTIONS 18"	EACH	2	2				
54248510	CONCRETE COLLAR	CU YD	0.63	0.63				
60500060	REMOVING INLETS	EACH	2	2				
60622320	CONCRETE MEDIAN, TYPE SM-4.24	SQ FT	250	250				
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	9	9				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8				
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	8	8				
67100100	MOBILIZATION	L SUM	1				1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1				1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1				1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1				1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	20				20	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	15				15	

FILE NAME =
sh081.dgn

USER NAME = johnsonv
DESIGNED -
DRAWN -
CHECKED -
DATE -

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SHEET NO. 3 OF 5 SHEETS

F.A.P. RTE. 313/534
SECTION 6R-1; (109EX) R
COUNTY HENDERSON

TOTAL SHEETS 81
SHEET NO. 7
CONTRACT NO. 68818
ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				CONSTRUCTION CODE			
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP	NHF		NHF
				ROADWAY I000-2A 90% FED. 10% ST.	HWY LIGHTING Y030-1E 80% FED. 20% ST.	MOWING I000 100% STATE	ROADWAY I000-2A 80% FED. 20% ST.
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4,123	4,123			
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	219	219			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11,927	11,927			
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1,268	1,268			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	632	632			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	53	53			
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	446	446			
78003100	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS	SQ FT	219	219			
78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	11,927	11,927			
78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	1,268	1,268			
78003150	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"	FOOT	632	632			
78003180	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"	FOOT	53	53			
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	124	124			
78300100	PAVEMENT MARKING REMOVAL	SQ FT	938	938			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	44	44			
*80400105	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1		1		
*82104250	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250WATT	EACH	2		2		
*A2C050G3	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 3-GALLON	EACH	6	6			
*D2002936	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 3' HEIGHT, BALLED AND BURLAPPED	EACH	8	8			
X0322584	REVTMENT MAT REMOVAL	SQ YD	118	118			
X0322729	MATERIAL TRANSFER DEVICE	TON	1,575	1,575			
X0323826	BOX CULVERT REMOVAL, 3'X3'	FOOT	60	60			
X0712400	TEMPORARY PAVEMENT	SQ YD	248				248

*SPECIALTY
ITEM

FILE NAME =
sh01.dgn

USER NAME = johnsonv

DESIGNED -
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CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET NO. 4 OF 5 SHEETS

F.A.P.
RTE.
313/534

SECTION
6R-1 (109EX) R

COUNTY
HENDERSON

TOTAL SHEETS
81

SHEET NO.
8

CONTRACT NO. 68818

ILLINOIS FED. AID PROJ.

SUMMARY OF QUANTITIES				CONSTRUCTION CODE			
				HSIP	NHF	NHF	NHF
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY I000-2A 90% FED. 10% ST.	HWY LIGHTING Y030-1E 80% FED. 20% ST.	MOWING I000 100% STATE	ROADWAY I000-2A 80% FED. 20% ST.
X0914000	PRECAST CONCRETE BOX CULVERT END SECTIONS 2'X2'	EACH	1	1			
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	248	248			
X2503100	MOWING	UNIT	50			50	
X4067107	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	25	25			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1				1
Z0023600	FILLING EXISTING CULVERTS	EACH	1	1			
Z0054500	ROCK FILL	TON	604				604
X0914400	PRECAST CONCRETE BOX CULVERT END SECTIONS 3'X3'	EACH	1	1			

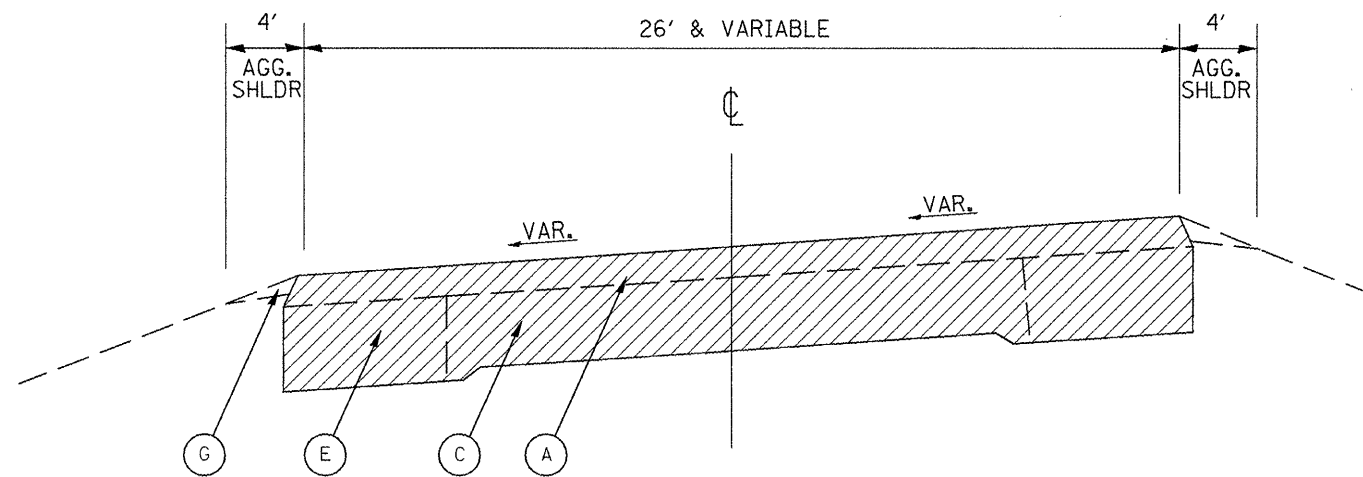
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		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

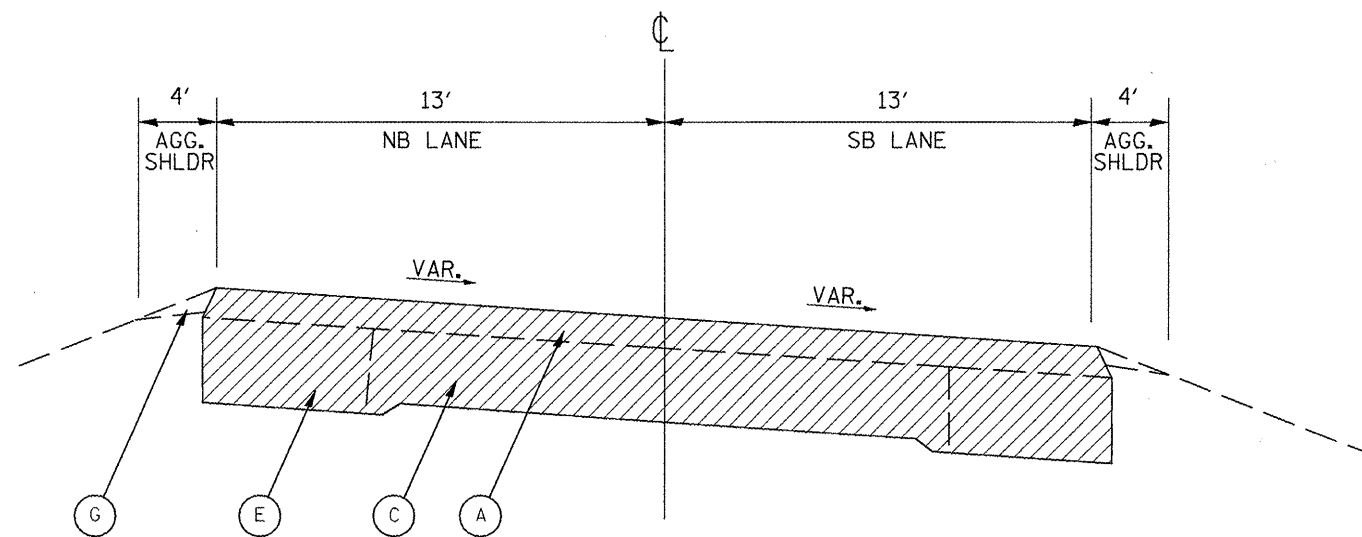
SHEET NO. 5 OF 5 SHEETS

F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 9
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				



TYPICAL SECTION 1

IL 94/116 - EAST WYE
 STA. 1+69.40 TO STA. 8+00.00



TYPICAL SECTION 2

IL 94/116 - WEST WYE
 STA. 3+97.41 TO STA. 8+00.00

LEGEND - PROPOSED

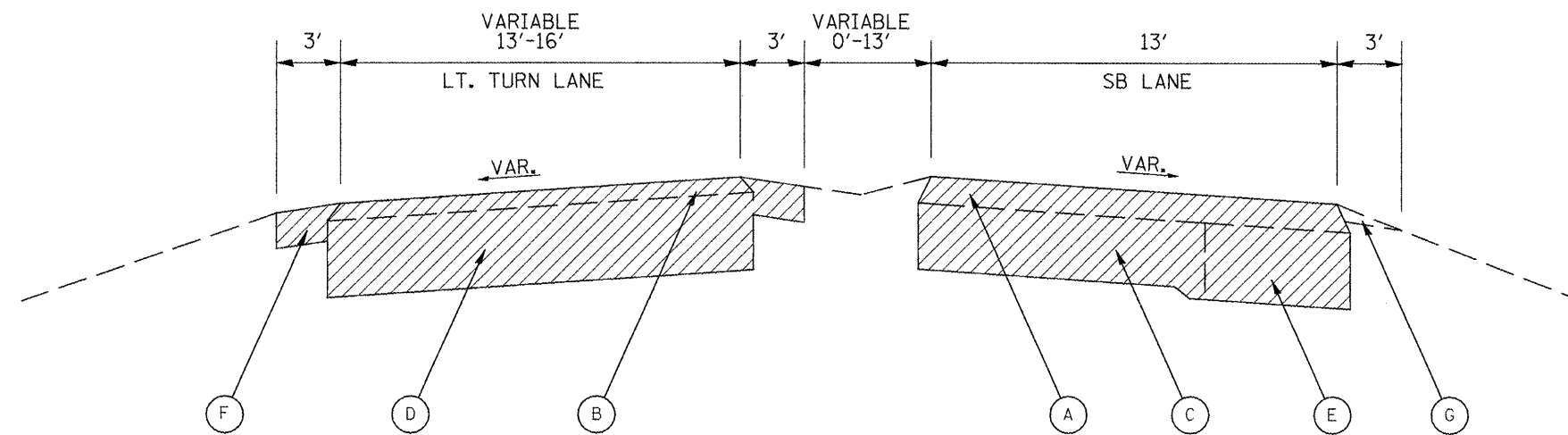
- ① HMA SURFACE REMOVAL - BUTT JOINT
- ② HMA SURFACE REMOVAL, 2"
- ③ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 2"
- ④ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 1 1/2"
- ⑤ POLYMERIZED HMA BINDER CSE, IL-19.0, N70 - 2 1/4"
- ⑥ POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 - 3/4"
- ⑦ HMA BASE CSE - 9"
- ⑧ HMA BASE CSE/BASE CSE WIDENING - 9 1/2"
- ⑨ SUB-BASE GRAN. MAT, TYPE A - VAR. 12"-17 1/4"
- ⑩ SUB-BASE GRAN. MAT. TYPE C - 4"
- ⑪ HMA SHOULDERS - 8"
- ⑫ HMA SHOULDERS - 10"
- ⑬ AGGREGATE SHOULDERS, TYPE B - 8"
- ⑭ BIT. CONCRETE SHOULDER REMOVAL
- ⑮ TOPSOIL FURNISH AND PLACE - 4"
- ⑯ STRIP REFLECTIVE CRACK CONTROL TREATMENT

LEGEND - EXISTING

- Ⓐ HMA OVERLAY - 5 1/2"
- Ⓑ HMA OVERLAY - 2"
- Ⓒ P.C.C. PAVEMENT (9-6-9)
- Ⓓ P.C.C. BASE CSE - 9"
- Ⓔ HMA BASE CSE/BASE WIDENING
- Ⓕ HMA SHOULDERS - 8"
- Ⓖ AGGREGATE SHOULDERS

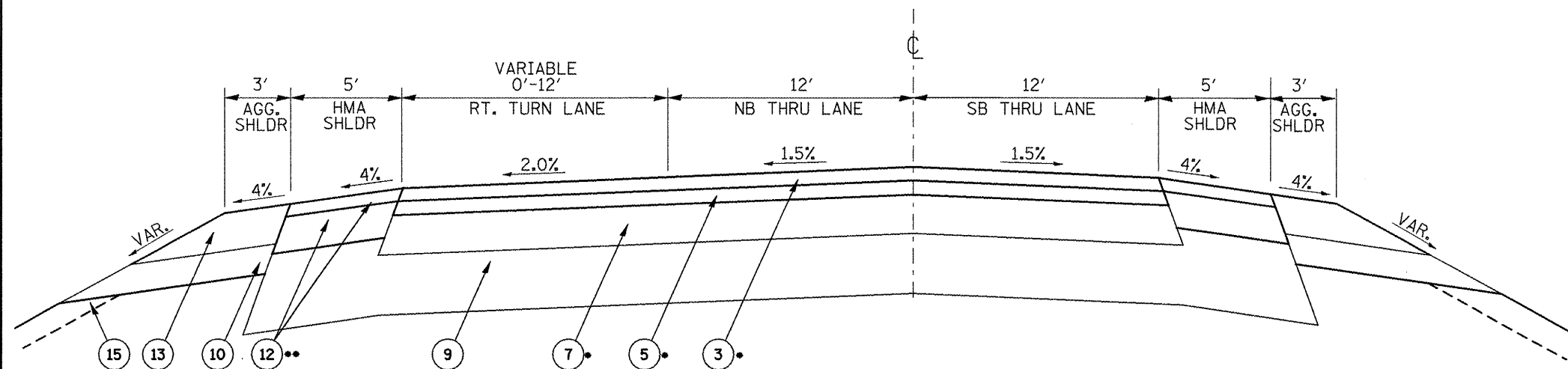
REMOVAL ITEMS

FILE NAME = sht01.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 94 /116 TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 1 OF 6 SHEETS	STA. 3+11 TO STA. 10+00	313/534	6R-1s(109EX)R	HENDERSON	81	10
	PLDT DATE = 3/19/2009	CHECKED -	REVISED -					CONTRACT NO. 68818				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



TYPICAL SECTION 3

IL 94/116 - WEST WYE
STA. 1+09.50 TO STA. 3+97.41



TYPICAL SECTION 4

IL 94/116
LT. STA. 3+11.75 TO LT. STA. 4+49.51
RT. STA. 3+11.83 TO RT. STA. 4+90.90

NOTES:

- * ITEMS 3, 5 AND 7 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA PAVEMENT (FULL-DEPTH), 13/4". SEE JOB SPECIFIC NOTE SHEET 4.
- ** ITEMS 11 AND 12 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA SHOULDERS, 8" AND HMA SHOULDERS, 10". SEE HMA MIXTURE REQUIREMENTS SHEET 4.

LEGEND - PROPOSED

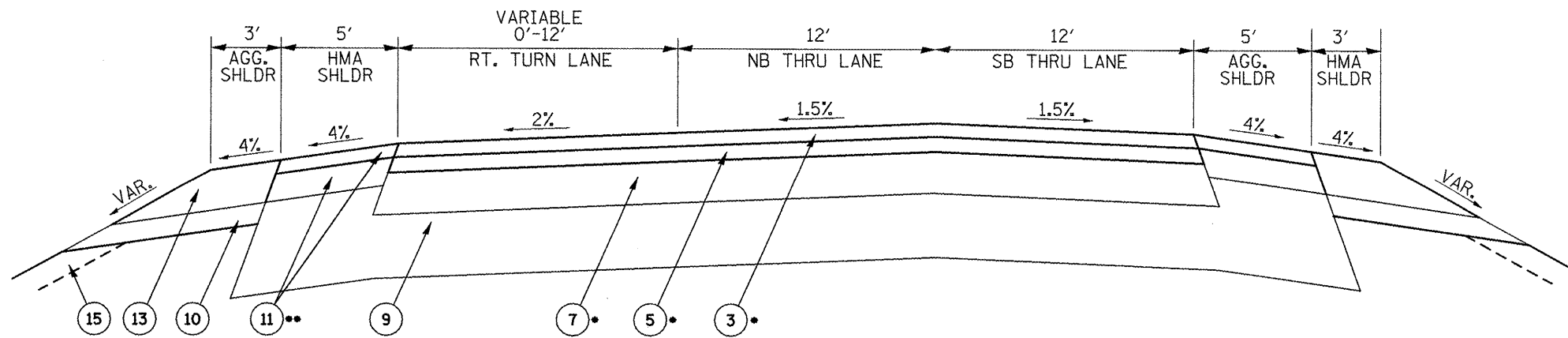
- ① HMA SURFACE REMOVAL - BUTT JOINT
- ② HMA SURFACE REMOVAL, 2"
- ③ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 2"
- ④ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 1 1/2"
- ⑤ POLYMERIZED HMA BINDER CSE, IL-19.0, N70 - 2 1/4"
- ⑥ POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 - 3/4"
- ⑦ HMA BASE CSE - 9"
- ⑧ HMA BASE CSE/BASE CSE WIDENING - 9 1/2"
- ⑨ SUB-BASE GRAN. MAT, TYPE A - VAR. 12"-17 1/4"
- ⑩ SUB-BASE GRAN. MAT. TYPE C - 4"
- ⑪ HMA SHOULDERS - 8"
- ⑫ HMA SHOULDERS - 10"
- ⑬ AGGREGATE SHOULDERS, TYPE B - 8"
- ⑭ BIT. CONCRETE SHOULDER REMOVAL
- ⑮ TOPSOIL FURNISH AND PLACE - 4"
- ⑯ STRIP REFLECTIVE CRACK CONTROL TREATMENT

LEGEND - EXISTING

- Ⓐ HMA OVERLAY - 5 1/2"
- Ⓑ HMA OVERLAY - 2"
- Ⓒ P.C.C. PAVEMENT (9-6-9)
- Ⓓ P.C.C. BASE CSE - 9"
- Ⓔ HMA BASE CSE/BASE WIDENING
- Ⓕ HMA SHOULDERS - 8"
- Ⓖ AGGREGATE SHOULDERS

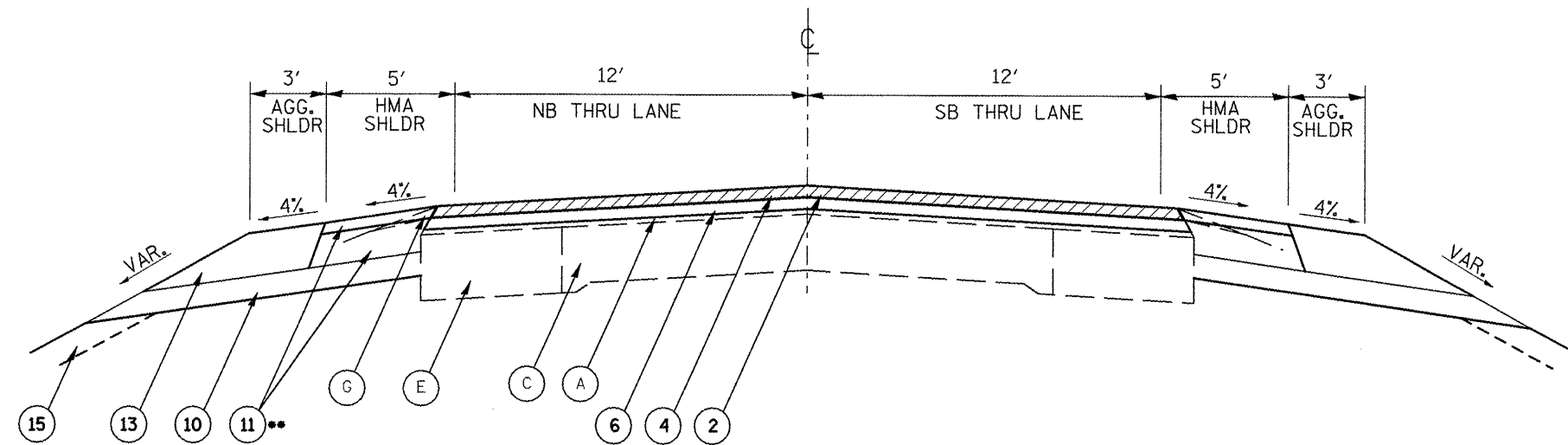
REMOVAL ITEMS

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	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 2 OF 6 SHEETS	STA. 3+11 TO STA. 10+00	CONTRACT NO. 68818				
	PLOT DATE = 3/19/2009	CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -									



TYPICAL SECTION 5

IL 94/116
 LT. STA. 4+49.51 TO STA. 8+00.00
 RT. STA. 4+90.90 TO STA. 8+00.00



TYPICAL SECTION 6

IL 94/116
 STA. 8+00.00 TO STA. 10+00.00

NOTES:

- ITEMS 3, 5 AND 7 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA PAVEMENT (FULL-DEPTH), 1 3/4". SEE JOB SPECIFIC NOTE SHEET 4.
- ITEMS 11 AND 12 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA SHOULDERS, 8" AND HMA SHOULDERS, 10". SEE HMA MIXTURE REQUIREMENTS SHEET 4.

LEGEND - PROPOSED

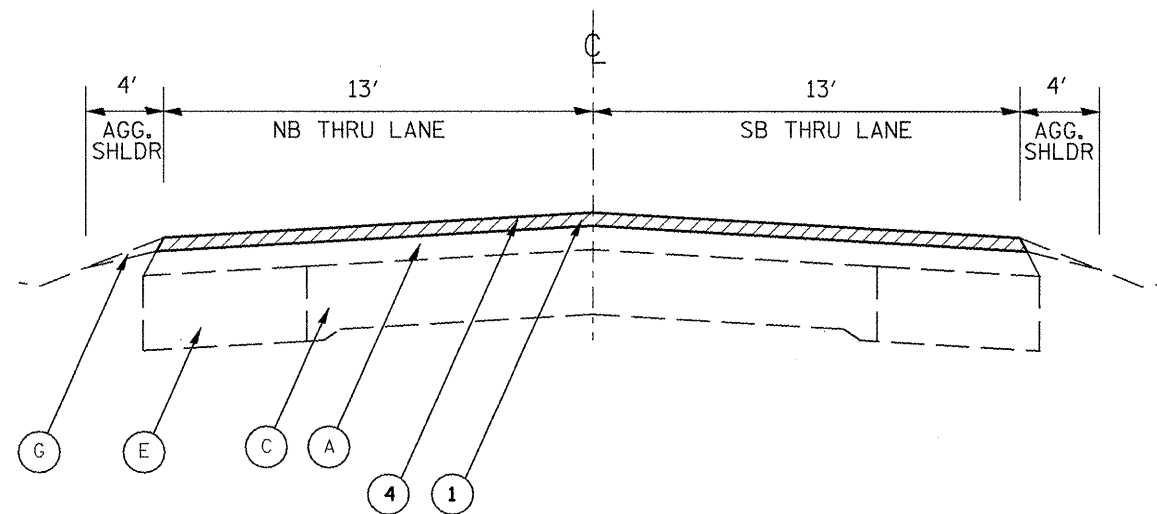
- ① HMA SURFACE REMOVAL - BUTT JOINT
- ② HMA SURFACE REMOVAL, 2"
- ③ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 2"
- ④ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 1 1/2"
- ⑤ POLYMERIZED HMA BINDER CSE, IL-19.0, N70 - 2 1/4"
- ⑥ POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 - 3/4"
- ⑦ HMA BASE CSE - 9"
- ⑧ HMA BASE CSE/BASE CSE WIDENING - 9 1/2"
- ⑨ SUB-BASE GRAN. MAT, TYPE A - VAR. 12"-17 1/4"
- ⑩ SUB-BASE GRAN. MAT. TYPE C - 4"
- ⑪ HMA SHOULDERS - 8"
- ⑫ HMA SHOULDERS - 10"
- ⑬ AGGREGATE SHOULDERS, TYPE B - 8"
- ⑭ BIT. CONCRETE SHOULDER REMOVAL
- ⑮ TOPSOIL FURNISH AND PLACE - 4"
- ⑯ STRIP REFLECTIVE CRACK CONTROL TREATMENT

LEGEND - EXISTING

- (A) HMA OVERLAY - 5 1/2"
- (B) HMA OVERLAY - 2"
- (C) P.C.C. PAVEMENT (9-6-9)
- (D) P.C.C. BASE CSE - 9"
- (E) HMA BASE CSE/BASE WIDENING
- (F) HMA SHOULDERS - 8"
- (G) AGGREGATE SHOULDERS

REMOVAL ITEMS

FILE NAME = sh+01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 94 /116 TYPICAL SECTIONS			F.A.P. RTE. 513/534	SECTION 6R-14109EXR	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 12
PLOT SCALE = 1/80.0000' / IN.	CHECKED -	REVISED -	REVISED -		NOT TO SCALE	SHEET NO. 3 OF 6 SHEETS	STA. 3+11 TO STA. 10+00	CONTRACT NO. 68818				
PLOT DATE = 3/19/2009	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



TYPICAL SECTION 7
 IL 94/116
 STA. 10+00.00 TO STA. 10+30.00

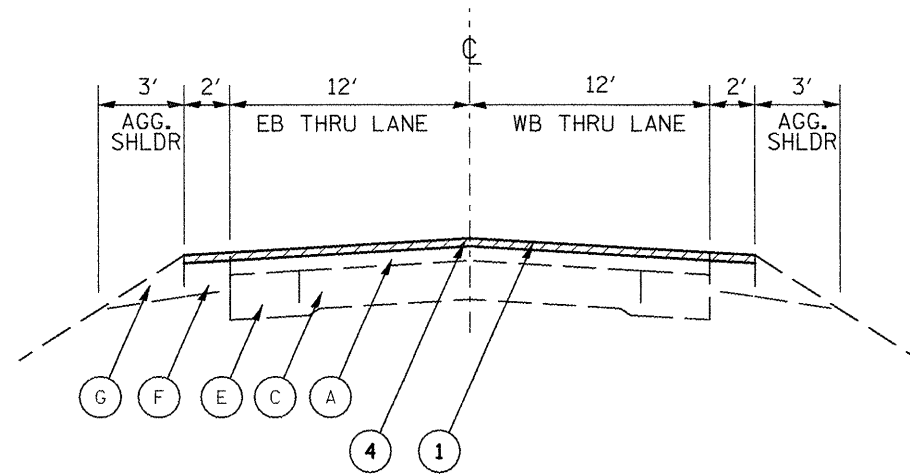
LEGEND - PROPOSED

- ① HMA SURFACE REMOVAL - BUTT JOINT
- ② HMA SURFACE REMOVAL, 2"
- ③ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 2"
- ④ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 1 1/2"
- ⑤ POLYMERIZED HMA BINDER CSE, IL-19.0, N70 - 2 1/4"
- ⑥ POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 - 3/4"
- ⑦ HMA BASE CSE - 9"
- ⑧ HMA BASE CSE/BASE CSE WIDENING - 9 1/2"
- ⑨ SUB-BASE GRAN. MAT, TYPE A - VAR. 12"-17 1/4"
- ⑩ SUB-BASE GRAN. MAT. TYPE C - 4"
- ⑪ HMA SHOULDERS - 8"
- ⑫ HMA SHOULDERS - 10"
- ⑬ AGGREGATE SHOULDERS, TYPE B - 8"
- ⑭ BIT. CONCRETE SHOULDER REMOVAL
- ⑮ TOPSOIL FURNISH AND PLACE - 4"
- ⑯ STRIP REFLECTIVE CRACK CONTROL TREATMENT

LEGEND - EXISTING

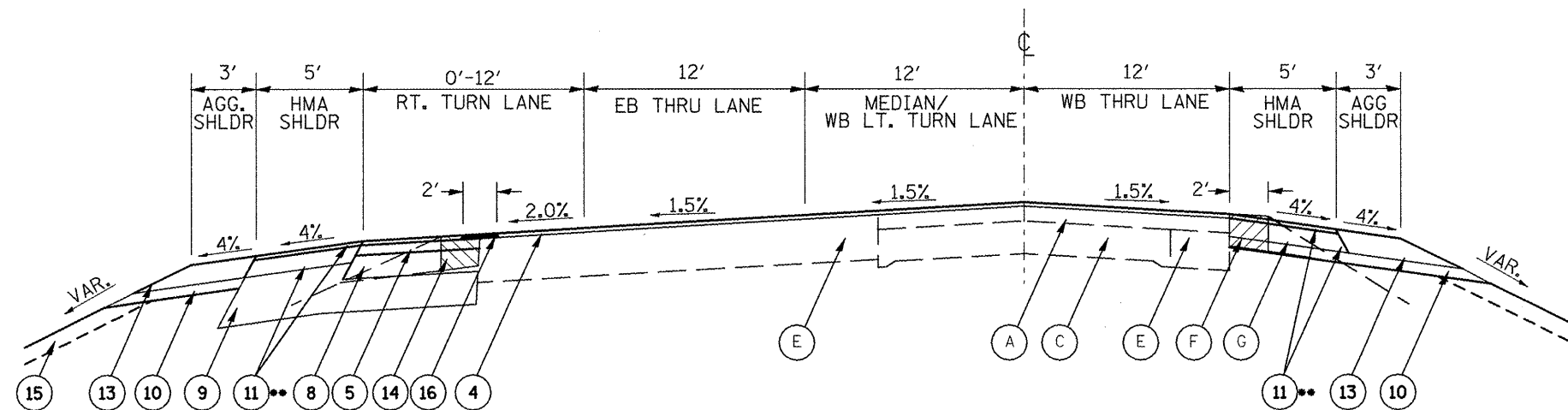
- (A) HMA OVERLAY - 5 1/2"
- (B) HMA OVERLAY - 2"
- (C) P.C.C. PAVEMENT (9-6-9)
- (D) P.C.C. BASE CSE - 9"
- (E) HMA BASE CSE/BASE WIDENING
- (F) HMA SHOULDERS - 8"
- (G) AGGREGATE SHOULDERS

REMOVAL ITEMS



TYPICAL SECTION 8

US 34
 STA. 752+78.43 TO STA. 753+08.43
 STA. 770+03.10 TO STA. 770+33.10



TYPICAL SECTION 9

US 34
 STA. 753+08.43 TO STA. 759+09.61
 STA. 765+66.18 TO STA. 770+03.10

NOTE:

** ITEMS 11 AND 12 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA SHOULDERS, 8" AND HMA SHOULDERS, 10". SEE HMA MIXTURE REQUIREMENTS SHEET 4.

LEGEND - PROPOSED

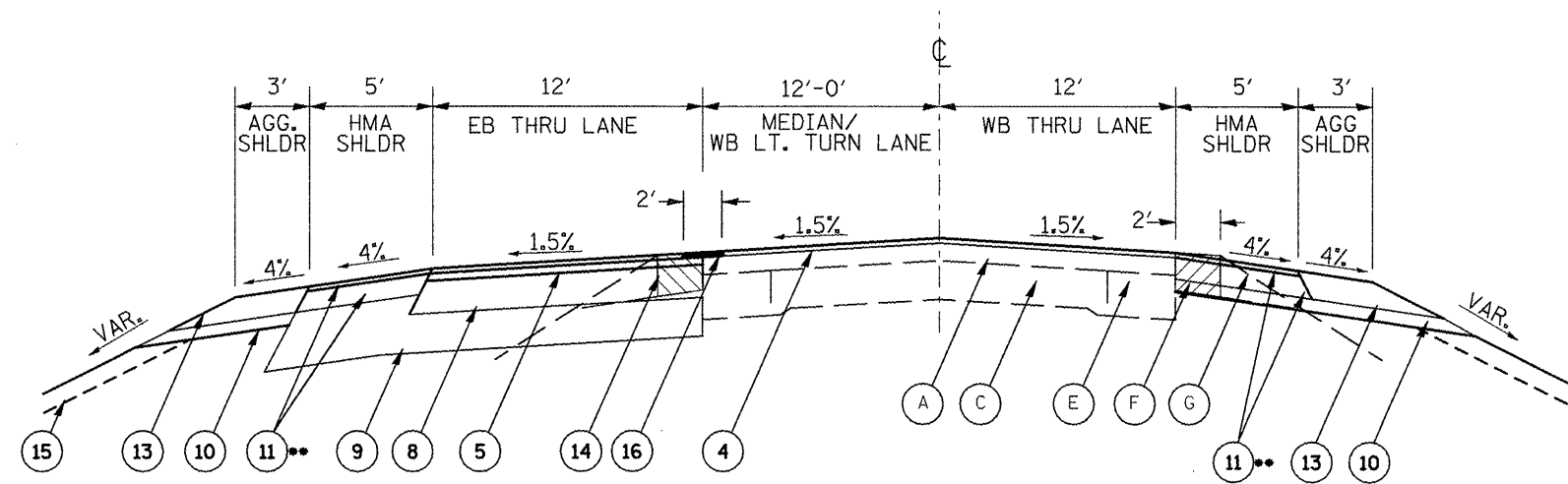
- ① HMA SURFACE REMOVAL - BUTT JOINT
- ② HMA SURFACE REMOVAL, 2"
- ③ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 2"
- ④ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 1 1/2"
- ⑤ POLYMERIZED HMA BINDER CSE, IL-19.0, N70 - 2 1/4"
- ⑥ POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 - 3/4"
- ⑦ HMA BASE CSE - 9"
- ⑧ HMA BASE CSE/BASE CSE WIDENING - 9 1/2"
- ⑨ SUB-BASE GRAN. MAT, TYPE A - VAR. 12"-17 1/4"
- ⑩ SUB-BASE GRAN. MAT. TYPE C - 4"
- ⑪ HMA SHOULDERS - 8"
- ⑫ HMA SHOULDERS - 10"
- ⑬ AGGREGATE SHOULDERS, TYPE B - 8"
- ⑭ BIT. CONCRETE SHOULDER REMOVAL
- ⑮ TOPSOIL FURNISH AND PLACE - 4"
- ⑯ STRIP REFLECTIVE CRACK CONTROL TREATMENT

LEGEND - EXISTING

- Ⓐ HMA OVERLAY - 5 1/2"
- Ⓑ HMA OVERLAY - 2"
- Ⓒ P.C.C. PAVEMENT (9-6-9)
- Ⓓ P.C.C. BASE CSE - 9"
- Ⓔ HMA BASE CSE/BASE WIDENING
- Ⓕ HMA SHOULDERS - 8"
- Ⓖ AGGREGATE SHOULDERS

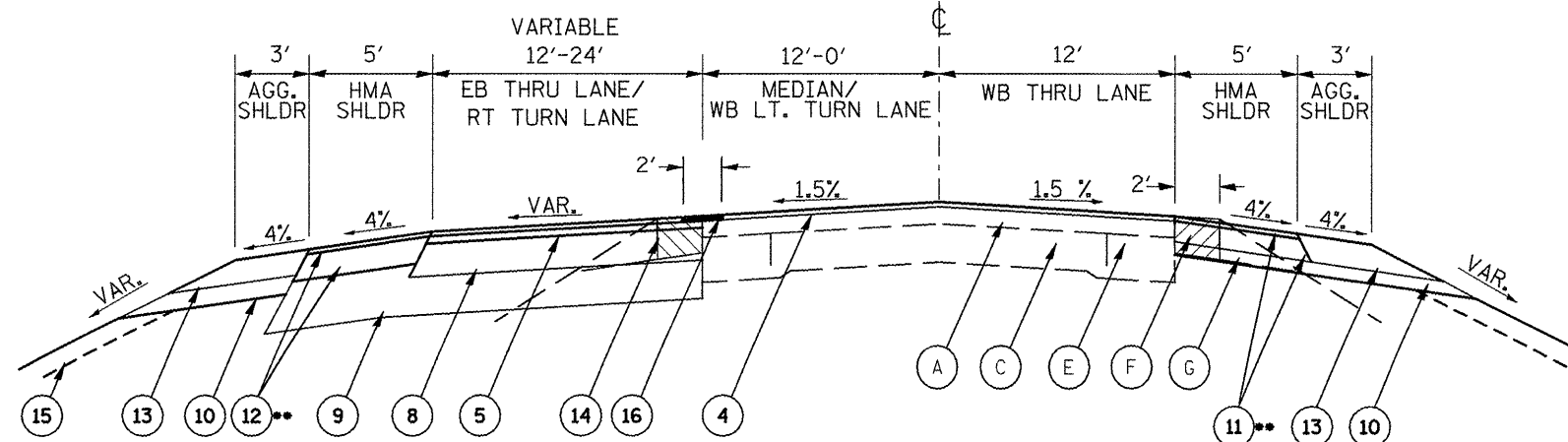
REMOVAL ITEMS

FILE NAME = sh101.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 34 TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 5 OF 6 SHEETS	STA. 753+00 TO STA. 770+03	313/534	6R-1(109EX)R	HENDERSON	81	14
	PLOT DATE = 3/19/2009	CHECKED -	REVISED -					CONTRACT NO. 68818				
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



TYPICAL SECTION 10

US 34
STA. 759+09.61 TO STA. 762+24.96



TYPICAL SECTION 11

US 34
STA. 762+24.96 TO STA. 765+66.18

NOTE:

** ITEMS 11 AND 12 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HMA SHOULDERS, 8" AND HMA SHOULDERS, 10". SEE HMA MIXTURE REQUIREMENTS SHEET 4.

LEGEND - PROPOSED

- ① HMA SURFACE REMOVAL - BUTT JOINT
- ② HMA SURFACE REMOVAL, 2"
- ③ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 2"
- ④ POLYMERIZED HMA SURFACE CSE, MIX "D", N70 - 1 1/2"
- ⑤ POLYMERIZED HMA BINDER CSE, IL-19.0, N70 - 2 1/4"
- ⑥ POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50 - 3/4"
- ⑦ HMA BASE CSE - 9"
- ⑧ HMA BASE CSE/BASE CSE WIDENING - 9 1/2"
- ⑨ SUB-BASE GRAN. MAT, TYPE A - VAR. 12"-17 1/4"
- ⑩ SUB-BASE GRAN. MAT. TYPE C - 4"
- ⑪ HMA SHOULDERS - 8"
- ⑫ HMA SHOULDERS - 10"
- ⑬ AGGREGATE SHOULDERS, TYPE B - 8"
- ⑭ BIT. CONCRETE SHOULDER REMOVAL
- ⑮ TOPSOIL FURNISH AND PLACE - 4"
- ⑯ STRIP REFLECTIVE CRACK CONTROL TREATMENT

LEGEND - EXISTING

- (A) HMA OVERLAY - 5 1/2"
- (B) HMA OVERLAY - 2"
- (C) P.C.C. PAVEMENT (9-6-9)
- (D) P.C.C. BASE CSE - 9"
- (E) HMA BASE CSE/BASE WIDENING
- (F) HMA SHOULDERS - 8"
- (G) AGGREGATE SHOULDERS

REMOVAL ITEMS

FILE NAME = ah401.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 34 TYPICAL SECTIONS			F.A.P. RTE. 313/534	SECTION 6R-1(109EX)R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 15
		DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 6 OF 6 SHEETS	STA. 753+00 TO STA. 770+03	CONTRACT NO. 68818				
		CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -									

TREE REMOVAL (6 TO 15 UNITS DIAMETER)	
LOCATION (STA/OFFSET)	UNIT
IL 94/116	
RT. STA. 3+81 (64.8') - ASH	6
RT. STA. 3+93 (96.7') - ASH	6
TOTAL	12

REMOVE EXISTING CULVERTS			
LOCATION (STA/OFFSET)	EACH	FOR INFORMATION ONLY	
		SIZE & TYPE	LENGTH
IL 94/116 (EXIST. ALIGNMENT)			
LT. STA. 2+44.41(23.70') TO RT. STA. 3+11.70 (31.13') - WEST LEG	1	18" CONCRETE PIPE	64'
IL 94/116 (PROP. ALIGNMENT)			
LT. STA. 3+32.10 (33.49') TO RT. STA. 5+51.41 (76.94')	1	30" CONCRETE PIPE	293'
US 34			
RT. STA. 763+90.83 (55.87') TO RT. STA. 764+77.54 (29.51')	1	18" CMP	91'
LT. STA. 765+88.25 (31.29') TO LT. STA. 766+39.04 (30.25')	1	18" CMP	51'
TOTAL		4	

REMOVING INLETS	
LOCATION (STA/OFFSET)	EACH
IL 94/116	
LT. STA. 3+31.27 (33.48')	1
RT. STA. 5+52.51 (79.00')	1
TOTAL	2

TREE REMOVAL (OVER 15 UNITS DIAMETER)	
LOCATION (STA/OFFSET)	UNIT
IL 94/116	
RT. STA. 3+46 (116.8') - CYPRESS	34
LT. STA. 4+00 (104.6') - CYPRESS	19
LT. STA. 4+11 (83.4') - CYPRESS	16
LT. STA. 4+77 (31.1') - MAPLE	47
STA.5+56 (CL) - CYPRESS	23
TOTAL	139

DRIVEWAY PAVEMENT REMOVAL	
LOCATION	SQ YD
US 34	
RT. STA. 760+45.75	43.20
RT. STA. 764+58.86	150.36
RT. STA. 767+00.00	55.42
TOTAL	249

BITUMINOUS CONCRETE SHOULDER REMOVAL	
LOCATION	SQ YD
US 34	
LT. STA. 754+09.50 TO STA. 759+08.60	110.91
LT. STA. 760+88.21 TO STA. 766+00.12	113.76
RT. STA. 753+08.43 TO STA. 760+30.09	160.37
RT. STA. 761+61.60 TO RT. STA. 770+03.10	187.12
TOTAL	572

ISLAND REMOVAL	
LOCATION	SQ FT
US 34	
RT. STA. 765+60	76.94
TOTAL	77

PIPE CULVERT REMOVAL	
LOCATION	FT
IL 94/116	
RT. STA. 7+53	4
TOTAL	4

DRIVEWAY PAVEMENT REMOVAL	
LOCATION	SQ YD
US 34	
RT. STA. 760+45.75	43.20
RT. STA. 764+58.86	150.36
RT. STA. 767+00.00	55.42
TOTAL	249

CONCRETE HEADWALL REMOVAL	
LOCATION (STA/OFFSET)	EACH
IL 94 / IL 116	
LT. STA. 7+53.00 (27.9')	1
US 34	
LT. STA. 761+48.17 (80.6')	1
LT. STA. 761+98.09 (119.4')	1
LT. STA. 762+16.19 (129.53')	1
TOTAL	4

PAVEMENT REMOVAL	
LOCATION	SQ YD
IL 94/116 EAST WYE	
STA. 1+11.91 TO STA. 8+00.00	1,987.82
IL 94/116 WEST WYE	
STA. 1+09.50 TO STA. 3+97.41	415.87
STA. 2+78.51 TO STA. 3+97.41	211.38
STA. 3+97.41 TO STA. 7+09.38	901.25
SUB-TOTAL	3,516.32
TOTAL	3,516

REVTMENT MAT REMOVAL	
LOCATION	SQ YD
US 34	
LT. STA. 768+00	118
TOTAL	118

TRAFFIC CONTROL & PROTECTION			
LOCATION	STD. 701201	STD. 701306	STD. 701326
	L SUM	L SUM	L SUM
JOBSITE	1	1	1
TOTAL	1	1	1

LUMINAIRE, SODIUM VAPOR, VERTICAL MOUNT, 250 W	
LOCATION (STA/OFFSET)	EACH
SE QUADRANT OF INTERSECTION	
LT. STA. 763+36 (64') - US 34	2
TOTAL	2

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	
LOCATION (STA/OFFSET)	UNIT
IL 94/116	
LT. STA. 5+85.00 (85')	1
LT. STA. 7+75.00 (85')	1
RT. STA. 7+77.82 (45')	1
LT. STA. 9+00.00 (33')	1
RT. STA. 10+00.00 (45')	1
RT. STA. 10+10.00 (33')	1
US 34	
LT. STA. 753+80.00 (70')	1
LT. STA. 754+00.00 (75')	1
LT. STA. 760+75.25 (75')	1
TOTAL	9

CHANGEABLE MESSAGE SIGN		
LOCATION	NO. SIGNS	CAL MO
JOBSITE		
IL 94/116	1	5
US 34	2	5
TOTAL	15	

ELECTRIC SERVICE INSTALLATION (SPECIAL)	
LOCATION (STA/OFFSET)	EACH
SE QUADRANT OF INTERSECTION	
LT. STA. 763+36 (64') - US 34	1
TOTAL	1

STRIP REFLECTIVE CRACK CONTROL TREATMENT	
LOCATION	FT
US 34	
LT. STA. 754+26.33 TO STA. 770+03.10	1,576.77
TOTAL	1,577

ROCK FILL	
LOCATION	TON
IL 94/116	
STA. 3+75.00 TO STA. 4+75.00	201
US 34	
STA. 764+50.00 TO STA. 766+00.00	403
TOTAL	604

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
LOCATION	CU YD
IL 94/116	
STA. 3+75.00 TO STA. 4+75.00	131
US 34	
STA. 764+50.00 TO STA. 766+00.00	262
TOTAL	393

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DA
JOBSITE	20
TOTAL	20

POROUS GRANULAR EMBANKMENT	
LOCATION	TON
IL 94/116	
STA. 3+75.00 TO STA. 4+75.00	67
US 34	
STA. 764+50.00 TO STA. 766+00.00	135
TOTAL	202

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	
LOCATION	SQ YD
IL 94/116	
STA. 3+75.00 TO STA. 4+75.00	196
US 34	
STA. 764+50.00 TO STA. 766+00.00	393
TOTAL	589

CONCRETE MEDIAN, TYPE SM-4.24	
LOCATION	SQ FT
INTERSECTION US 34 & IL 94/116	250.47
TOTAL	250

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SHEET NO. 2 OF 10 SHEETS

F.A.P. RTE. 513/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 17
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				

PCC DRIVEWAY PAVEMENT, 6 IN	
LOCATION	SQ YD
US 34	
RT. STA. 760+45.75	43.2
RT. STA. 765+62.63	50.0
RT. STA. 767+00.00	50.0
TOTAL	143

RAISED REFLECTIVE PAVEMENT MARKING REMOVAL	
LOCATION	EACH
US 34	44
TOTAL	44

SHORT-TERM PAVEMENT MARKINGS		
LOCATION	FT	
	WHITE	YELLOW
STAGE II		
US 34	17	
IL 94/116	180	10
STAGE III		
US 34	584	53
IL 94/116	293	49
STAGE IV		
US 34	123	
IL 94/116	58	80
FINAL APPLICATION		
US 34	1433	351
IL 94/116	638	256
SUB-TOTAL	3,325	798
TOTAL	4,123	

WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
US 34	297
IL 94/116	149
TOTAL	446

PAVEMENT MARKING REMOVAL		
LOCATION	EDGE LINE	CENTER LINE
	FT	
US 34		
LT. STA. 754+26.37 TO STA. 770+03.10	1,577	
STA. 758+49.00 TO STA. 764+67.64		1,237
SUB-TOTAL	1,577	1,237
TOTAL	2,814	

TEMPORARY PAVEMENT	
LOCATION	SQ YD
IL 94/116 - EXIST. WEST WYE	
LT. STA. 2+99.00 TO STA. 3+50.00	248
TOTAL	248

AGGREGATE SURFACE COURSE, TYPE A	
LOCATION	TON
RT. STA. 766+20 (DRIVEWAY)	58
TOTAL	58

ENGINEER'S FIELD LABORATORY	
LOCATION	CAL MO
JOBSITE	8
TOTAL	8

MOWING	
LOCATION	UNITS
Jobsite	50
TOTAL	50

TEMPORARY PAVEMENT REMOVAL	
LOCATION	SQ YD
IL 94/116 - EXIST. WEST WYE	
LT. STA. 2+99.00 TO STA. 3+50.00	248
TOTAL	248

CONSTRUCTION LAYOUT	
LOCATION	LSUM
JOBSITE	1
TOTAL	1

ENGINEER'S FIELD OFFICE TYPE A	
LOCATION	CAL MO
JOBSITE	8
TOTAL	8

MOBILIZATION	
LOCATION	L SUM
JOBSITE	1
TOTAL	1

SCHEDULE OF TEMPORARY PAVEMENT MARKINGS										
LOCATION	LINE 4"				LINE 8"		LINE 12"		LINE 24"	LETTERS & SYMBOLS
	WHITE		YELLOW		WHITE SOLID	WHITE SKIP DASH	WHITE	YELLOW		
	FT		FT		FT	FT	FT	FT	FT	SQ FT
	RT.	LT	CL	LT						
US 34										
STA. 752+78.43 TO STA. 753+33.62		55								
STA. 753+33.62 TO STA. 753+90.11										
STA. 753+90.11 TO STA. 753+91.16				11						
STA. 753+91.16 TO STA. 753+96.56				20						
STA. 753+96.56 TO STA. 754+00.70										
STA. 754+00.70 TO STA. 754+36.38		263		72				260		
STA. 754+36.38 TO STA. 756+59.61			825		259				62	
STA. 756+59.61 TO STA. 758+49.00				1,444		54				
STA. 758+49.00 TO STA. 759+09.61		565		531				67		
STA. 759+09.61 TO STA. 761+14.00										
STA. 761+14.00 TO STA. 762+24.97	1,755									
STA. 762+24.97 TO STA. 763+27.39		102		530	265				62	
STA. 763+27.39 TO STA. 763+79.00								12		
STA. 764+38.79 TO STA. 764+67.64				123						
STA. 764+67.64 TO STA. 765+16.30										
STA. 765+16.30 TO STA. 765+23.10										
STA. 765+23.10 TO STA. 767+28.46		221		2,141				188	47	
STA. 765+28.46 TO STA. 767+37.67					215					
STA. 767+37.67 TO STA. 769+77.60		240				60				
STA. 769+77.60 TO STA. 770+03.10										
STA. 770+03.10 TO STA. 770+33.10		56	60							
IL 94/116										
STA. 3+11.75 TO STA. 3+11.83										
STA. 3+11.83 TO STA. 3+19.90								29		
STA. 3+19.90 TO STA. 3+28.66		90								
STA. 3+28.66 TO STA. 3+64.07	123							12		
STA. 3+64.07 TO STA. 3+72.00										
STA. 3+72.00 TO STA. 3+99.81										
STA. 3+99.81 TO STA. 4+90.90		128			174				47	
STA. 4+90.90 TO STA. 5+45.67	146		1,403							
STA. 5+45.67 TO STA. 7+85.68		240				60				
STA. 7+85.68 TO STA. 10+30.00		244								
AT INTERSECTION										
					181		116			
SUB-TOTAL	2,508	2,260	2,818	4,341	1,094	174	632	53	219	
TOTAL	11,927				1,268		632	53	219	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SHEET NO. 4 OF 10 SHEETS

F.A.P. RTE. # 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 19
CONTRACT NO. 68818			ILLINOIS FED. AID PROJECT	

SCHEDULE OF PAVEMENT MARKINGS														
LOCATION	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B -									RAISED REFLECTIVE PAVEMENT MARKER				
	LINE 4"				LINE 8"		LINE 12"		LINE 24"	LETTERS & SYMBOLS	ONE-WAY CRYSTAL	ONE-WAY AMBER	TWO-WAY AMBER	
	WHITE		YELLOW		WHITE SOLID	WHITE SKIP DASH	WHITE	YELLOW						
	FT		FT		FT	FT	FT	FT	FT	SQ FT				
	RT.	LT	CL	LT										
US 34														
STA. 752+78.43 TO STA. 753+33.62		55												
STA. 753+33.62 TO STA. 753+90.11														
STA. 753+90.11 TO STA. 753+91.16				11										
STA. 753+91.16 TO STA. 753+96.56				20										
STA. 753+96.56 TO STA. 754+00.70														
STA. 754+00.70 TO STA. 754+36.38		263		72	259			260		62	8	39		
STA. 754+36.38 TO STA. 756+59.61			825											
STA. 756+59.61 TO STA. 758+49.00		565		1,444		54								
STA. 758+49.00 TO STA. 759+09.61			531					67						
STA. 759+09.61 TO STA. 761+14.00	1,755													
STA. 761+14.00 TO STA. 762+24.97														
STA. 762+24.97 TO STA. 763+27.39		102		530	265					62	8		16	
STA. 763+27.39 TO STA. 763+79.00									12					
STA. 764+38.79 TO STA. 764+67.64				123										
STA. 764+67.64 TO STA. 765+16.30														
STA. 765+16.30 TO STA. 765+23.10														
STA. 765+23.10 TO STA. 767+28.46		221		2,141	215			188		47	6	32		
STA. 765+28.46 TO STA. 767+37.67														
STA. 767+37.67 TO STA. 769+77.60		240				60								
STA. 769+77.60 TO STA. 770+03.10														
STA. 770+03.10 TO STA. 770+33.10		56	60											
IL 94/116														
STA. 3+11.75 TO STA. 3+11.83														
STA. 3+11.83 TO STA. 3+19.90									29					
STA. 3+19.90 TO STA. 3+28.66		123	90											
STA. 3+28.66 TO STA. 3+64.07														
STA. 3+64.07 TO STA. 3+72.00									12					
STA. 3+72.00 TO STA. 3+99.81														
STA. 3+99.81 TO STA. 4+90.90		146		1,403	174					47	5		10	
STA. 4+90.90 TO STA. 5+45.67														
STA. 5+45.67 TO STA. 7+85.68		240		539		60								
STA. 7+85.68 TO STA. 10+30.00		244												
AT INTERSECTION					181			116						
SUB-TOTAL		2,508	2,260	2,818	4,341	1,094	174	116	515	53	219	27	71	26
TOTAL		11,927				1,268		632		53	219	124		

FILE NAME =
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES
SHEET NO. 5 OF 10 SHEETS

F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 20
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				

EROSION CONTROL SCHEDULE																	
LOCATION	SEEDING, CLASS 2A		SEEDING, CLASS 4A	SEEDING, CLASS 5A	NITROGEN FERTILIZER NUTRIENT		PHOSPHORUS FERTILIZER NUTRIENT		POTASSIUM FERTILIZER NUTRIENT		MULCH, METHOD 2		EROSION CONTROL BLANKET		TEMPORARY EROSION CONTROL SEEDING		
	ACRE		ACRE	ACRE	POUND		POUND		POUND		ACRE		SQ YD		SQ YD		
	LT.	RT.			LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.	NO. APPLICATIONS
US 34																	
STA. 754+00 TO STA. 764+22	0.58				52.2		52.2		52.2		0.58		2,300.00		93.81		2
STA. 764+22 TO STA. 765+00		0.02				1.8		1.8		1.8		0.02	153.33			2.18	2
STA. 765+00 TO STA. 770+33.64	0.20				18.0		18.0		18.0		0.20		1,029.89		51.80		2
IL 94 / IL 116																	
STA. 3+50 TO STA. 7+00	0.15	0.15			13.5	13.5	13.5	13.5	13.5	13.5	0.15	0.15	966.56	707.33	54.19	53.30	2
STA. 7+00 TO STA. 10+30	0.07	0.11			6.3	9.9	6.3	9.9	6.3	9.9	0.07	0.11		174.56	7.82	11.76	2
DITCH BACKSLOPES																	
US 34 & IL 94/IL 116			0.73	0.73	131.4		131.4		131.4								
SUB-TOTAL	1.00	0.28	0.73	0.73	221.4	25.2	221.4	25.2	221.4	25.2	1.00	0.28	4,449.78	881.89	207.63	67.24	
TOTAL	1.25		0.75	0.75	247		247		247		1.25		5,332				550

SCHEDULE OF EARTHWORK QUANTITIES					
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25 %)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)	TOPSOIL F&P 4"
	CU YD	CU YD	CU YD	CU YD	SQ YD
US 34					
STA. 753+50 TO STA. 756+00	329	247	20	+227	525
STA. 756+00 TO STA. 758+00	555	416	28	+388	699
STA. 758+00 TO STA. 760+00	538	404	30	+374	799
STA. 760+00 TO STA. 762+00	1,934	1,451	23	+1428	1,206
STA. 762+00 TO STA. 764+00	3,334	2,501	74	+2427	1,767
STA. 764+00 TO STA. 766+00	994	746	29	+717	1,001
STA. 766+00 TO STA. 768+00	2,069	1,552	58	+1494	1,186
STA. 768+00 TO STA. 770+30.10	388	291	26	+265	687
IL 94/116					
STA. 3+50 TO STA. 5+52.44	5,705	4,279	329	+3950	4,084
STA. 5+52.44 TO STA. 7+53	2,859	2,144	32	+2112	1,898
STA. 7+53 TO STA. 8+09	40	30	28	+2	177
STA. 8+09 TO STA. 10+30	178	133	46	+87	608
TOTAL	18,922	14,192	723	+13,469	14,634

SCHEDULE OF LANDSCAPING ITEMS							
LOCATION (STA/OFFSET)	T-QUERC BICOL (SWAMP WHITE OAK), CG, 3G	EVERGREEN, PS (EASTERN WHITE PINE)	FERTILIZER NUTRIENTS			SUPPLEMENTAL WATERING	
	EACH	EACH	NITROGEN LB	PHOSPHORUS LB	POTASSIUM LB	UNIT	
IL 94/116							
LT. STA. 3+58 (117')	1		0.02	0.02	0.02	1	
RT. STA. 3+84 (177')	1		0.02	0.02	0.02		
RT. STA. 4+47 (125')	1		0.02	0.02	0.02		
LT. STA. 4+57 (146')	1		0.02	0.02	0.02		
RT. STA. 4+74 (120')	1		0.02	0.02	0.02		
LT. STA. 4+80 (120')	1		0.02	0.02	0.02		
US 34							
RT. STA. 763+27 (50')		1	0.02	0.02	0.02		
RT. STA. 763+58 (55')		1	0.02	0.02	0.02		
RT. STA. 763+77 (50')		1	0.02	0.02	0.02		
RT. STA. 764+00 (55')		1	0.02	0.02	0.02		
RT. STA. 764+23 (50')		1	0.02	0.02	0.02		
RT. STA. 764+44 (50')		1	0.02	0.02	0.02		
RT. STA. 764+64 (50')		1	0.02	0.02	0.02		
RT. STA. 764+88 (50')		1	0.02	0.02	0.02		
SUB-TOTAL	6	8	0.28	0.28	0.28	1	
TOTAL	6	8	0.3	0.3	0.3	1	

PERIMETER EROSION BARRIER		
LOCATION (STA/OFFSET)	FOOT	No. of Applications
US 34		
LT. STA. 768+30 (81') TO STA. 768+70 (70')	41.49	2
IL 94 / IL 116		
LT. STA. 6+82 (53') TO STA. 7+00 (53')	18.00	2
LT. STA. 7+00 (53') TO STA. 8+00 (40')	100.84	2
LT. STA. 8+00 (40') TO STA. 9+00 (30')	101	2
LT. STA. 9+00 (30') TO STA. 10+00 (30')	100.00	2
RT. STA. 7+69 (25') TO STA. 8+00 (37')	33.24	2
RT. STA. 8+20 (37') TO STA. 8+75 (37')	55.00	2
SUB-TOTAL	449.07	2
TOTAL		898

SELECTIVE MOWING STAKES	
LOCATION (STA/OFFSET)	EACH
IL 94/116	
LT. STA. 4+00 (50')	1
RT. STA. 4+50 (41')	1
LT. STA. 5+50 (50')	1
RT. STA. 7+00 (35')	1
LT. STA. 8+00 (39')	1
US 34	
LT. STA. 761+00 (50')	1
LT. STA. 762+50 (52')	1
LT. STA. 765+50 (63')	1
LT. STA. 767+50 (55')	1
TOTAL	9

SCHEDULE OF BITUMINOUS QUANTITIES

LOCATION	HMA SURFACE REMOVAL, 2"	HMA SURFACE REMOVAL - BUTT JOINT	HMA PAVEMENT (FULL-DEPTH), 13 1/4"	POLYMERIZED HMA SURFACE CSE., MIX "D", N 70	POLYMERIZED HMA BINDER CSE., IL-19.0, N 70	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	HMA BASE COURSE	HMA BASE COURSE WIDENING
	SQ YD	SQ YD	SQ YD	TON	TON	TON	TON	TON
IL 94 / IL 116								
STA. 3+11.75 TO STA. 3+99.81			861.13					
STA. 3+99.81 TO STA. 4+90.90			385.98					
STA. 4+90.90 TO STA. 5+45.67			219.08					
STA. 5+45.67 TO STA. 7+85.68			800.03					
STA. 7+85.68 TO STA. 8+00.00			38.18					
STA. 8+00.00 TO STA. 10+00.00	577.78			48.76		24.33		
STA. 10+00.00 TO STA. 10+30.00		86.67		7.32				
US 34								
STA. 752+78.43 TO STA. 753+08.43		133.33		11.24				
STA. 753+08.43 TO STA. 754+26.33				60.41				
STA. 754+26.33 TO STA. 756+59.33				104.65	9.11		1.38	42.24
STA. 756+59.33 TO STA. 759+09.33				98.29	32.91		142.02	
STA. 759+09.33 TO STA. 762+24.91				106.40	53.70		218.88	
STA. 762+24.91 TO STA. 763+27.39				38.09	23.02		99.47	
STA. 763+27.39 TO STA. 765+16.30				84.23	61.70		238.62	
STA. 765+16.30 TO STA. 765+23.13				3.28	2.31		9.86	
STA. 765+23.13 TO STA. 767+37.97				90.48	65.34		280.92	
STA. 767+37.97 TO STA. 769+77.60				75.50	32.86		125.93	18.24
STA. 769+77.60 TO STA. 770+03.10				5.82	0.45			2.52
STA. 770+03.10 TO STA. 770+33.10		93.33		7.88				
SUB-TOTAL	577.78	313.33	2,304.40	742.35	281.40	24.33	1,117.08	63.00
TOTAL	578	313	2,304	742	282	25	1,117	63

TEMPORARY RAMP	
LOCATION	SQ YD
US 34	
STA. 752+78.43	22.22
STA. 770+33.10	15.56
IL 94/116	
STA. 8+00.00	11.02
STA. 10+30.00	14.44
TOTAL	64

MATERIAL TRANSFER DEVICE	
LOCATION - MIX	TON
POLYMERIZED HMA SURFACE CSE., MIX "D", N 70	742.35
POLYMERIZED HMA BINDER CSE., IL-19.0, N 70	281.40
HMA PAVEMENT (FULL-DEPTH), 13 1/4" - 2" SURFACE	259.10
HMA PAVEMENT (FULL-DEPTH), 13 1/4" - 2 1/4" BINDER	291.49
SUB-TOTAL	1574.34
TOTAL	1,575

FILE NAME = sht01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SHEET NO. 8 OF 10 SHEETS

F.A.P. RTE. 313/534	SECTION 6R-1 (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 23
CONTRACT NO. 68818			ILLINOIS FED. AID PROJECT	

SCHEDULE OF BITUMINOUS QUANTITIES (CONTINUED)																
LOCATION	HMA SHOULDERS, 8"		HMA SHOULDERS, 10"		AGGREGATE SHOULDERS, TYPE B		SUB-BASE GRANULAR MATERIAL, TYPE A		SUB-BASE GRANULAR MATERIAL, TYPE C		POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)			AGGREGATE (PRIME COAT)		
	SQ YD		SQ YD		TON		TON		TON		TON			TON		
	LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.	LT.	RT.	FOG COAT	EXIST. PAV'T	COLD MILLED	FOG COAT	EXIST. PAV'T	COLD MILLED
IL 94 / IL 116																
STA. 3+11.75 TO STA. 3+99.81			48.92	48.88	17.81	15.53	396.38	345.54	8.17	8.16	0.23			0.86		
STA. 3+99.81 TO STA. 4+90.90	22.99		27.61	50.61	13.85	16.07	248.27	176.98	8.45	8.45	0.12			0.39		
STA. 4+90.90 TO STA. 5+45.67	30.43	30.43			8.33	8.33	151.46	101.51	5.08	5.08	0.07			0.22		
STA. 5+45.67 TO STA. 7+85.68	133.34	133.34			36.48	36.48	554.29	444.83	22.27	22.27	0.26			0.80		
STA. 7+85.68 TO STA. 8+00.00	7.96	7.96			2.18	2.18	26.54	26.54	1.33	1.33	0.01			0.04		
STA. 8+00.00 TO STA. 10+00.00	111.11	111.11			30.40	30.40			44.71	44.71	0.19		0.23	0.58		1.16
STA. 10+00.00 TO STA. 10+30.00					4.56	4.56							0.03			0.17
US 34																
STA. 752+78.43 TO STA. 753+08.43						4.56							0.05			0.27
STA. 753+08.43 TO STA. 754+26.33	11.86	65.50			4.00	17.92			4.77	26.36	0.02			0.07		
STA. 754+26.33 TO STA. 756+59.33	129.44	129.44			35.42	35.42	169.87		31.26	52.09	0.08			0.26		
STA. 756+59.33 TO STA. 759+09.33	138.89	138.89			38.00	38	355.80		23.20	55.89	0.13			0.99		
STA. 759+09.33 TO STA. 762+24.91	175.35	161.28			47.97	45.36	500.07		29.29	64.90	0.18			0.18		
STA. 762+24.91 TO STA. 763+27.39		56.93	56.91		15.58	15.58	240.95		9.51	22.91	0.07			0.19		
STA. 763+27.39 TO STA. 765+16.30		104.95				28.71	319.67			42.23	0.13			0.02		
STA. 765+16.30 TO STA. 765+23.13		3.79	3.79		1.04	1.04	16.86		0.63	1.53	0.01			0.52		
STA. 765+23.13 TO STA. 767+37.97	95.44	164.21	23.92		32.66	15.72	506.56		19.94	48.03	0.19			0.26		
STA. 767+37.97 TO STA. 769+77.60	133.13	133.13			36.42	36.42	334.16		25.85	53.57	0.13					
STA. 769+77.60 TO STA. 770+03.10	14.17	14.17			3.88	3.88	4.77		5.70	5.70	0.01					
STA. 770+03.10 TO STA. 770+33.10					4.56	4.56							0.04			0.19
SUB-TOTAL	1,004.11	1,255.13	161.15	99.49	333.14	360.72	3,825.65	1,095.40	240.16	463.22	1.81	1.58	0.36	5.37	15.83	1.78
TOTAL	2,259		261		694		4,921		703		4			23		

PRIME COAT CONVERSION FACTORS		
SURFACE TYPE	BIT PR COAT	AGG PR COAT
	(GAL/SQ YD)	(LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW HMA COURSES	0.03	2

HMA & AGGREGATE CONVERSION FACTORS		
SURFACE TYPE	LB	TON
	SQ YD IN	CU YD
COLD MILLED SURFACES	112	2.016
EXISTING PAVEMENT	112	2.016
NEW HMA COURSES	114	2.016

SCHEDULE OF CULVERT QUANTITIES									
LOCATION	PRECAST CONC. BOX CULVERTS, 2' X 2'	PRECAST CONC. BOX CULVERT END SECTIONS, 2' X 2'	PRECAST CONC. BOX CULVERT END SECTIONS, 3' X 3'	PIPE CULVERTS, TY 2, CS OR AL CULVERT PIPE, 18"	END SECTIONS 18"	CONCRETE COLLAR	EXPANSION BOLTS 3/4 INCH	REINFORCEMENT BARS	TRENCH BACKFILL
	FT	EACH	EACH	FT	EACH	CU YD	EACH	LB	
US 34									
74.4' LT. STA. 762+20.82			1			0.36	8	26	
30' RT. STA. 765+43.63 TO 30' RT. STA. 765+79.63				36	2				3
54' LT. STA. 763+89.20 TO 59' RT. STA. 763+89.20									
IL 94/116									
36.3' LT. STA. 7+44.75 TO 23.4' STA. 7+57.36	18	1				0.27	8	20	16
TOTAL	18	1	1	36	2	0.63	16	46	19

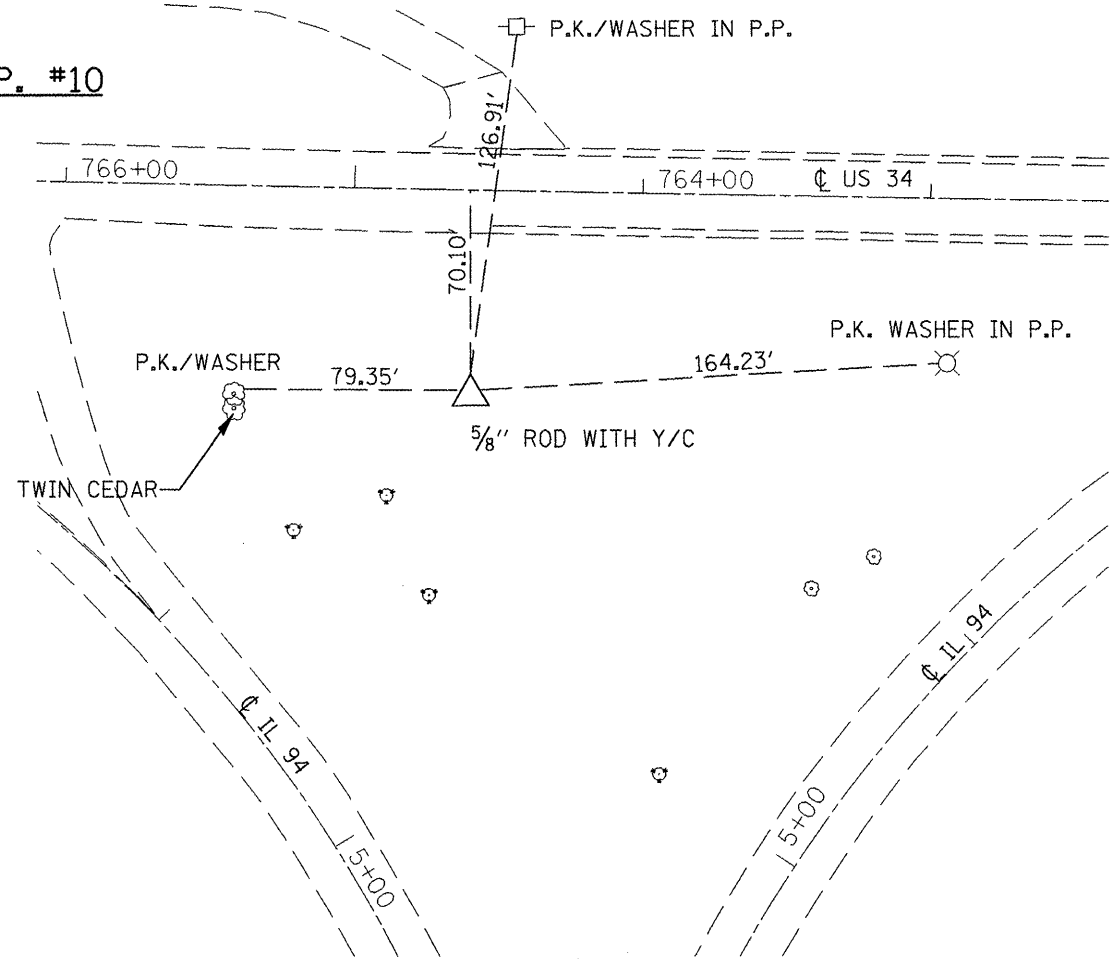
RIPRAP SCHEDULE		
LOCATION	STONE DUMPED RIPRAP, CLASS B3	FILTER FABRIC
	TON	SQ YD
US 34		
LT. STA. 761+50.00 TO STA. 762+15.82	87.25	203.75
LT. STA. 762+15.82 TO STA. 762+25.82	6.38	17.21
LT. STA. 762+25.82 TO STA. 763+00.00	98.33	229.63
LT. STA. 767+50.00 TO STA. 768+10.90	80.73	188.52
LT. STA. 768+10.90 TO STA. 768+20.90	6.38	17.21
LT. STA. 768+20.90 TO STA. 769+00.00	104.85	244.86
IL 94 / IL 116		
LT. STA. 7+53 (At Box Culvert)	5.56	15.56
SUB-TOTAL	389.48	916.74
TOTAL	389	917

TEMPORARY DITCH CHECKS		
LOCATION	EACH	No. of Applications
US 34		
LT. STA. 754+00 TO STA. 763+50	39	2
LT. STA. 765+50 TO STA. 770+00	18	2
IL 94 / IL 116		
LT. STA. 3+50 TO STA. 10+30	13	2
RT. STA. 3+50 TO STA. 10+30	17	2
SUB-TOTAL	87	2
TOTAL		174

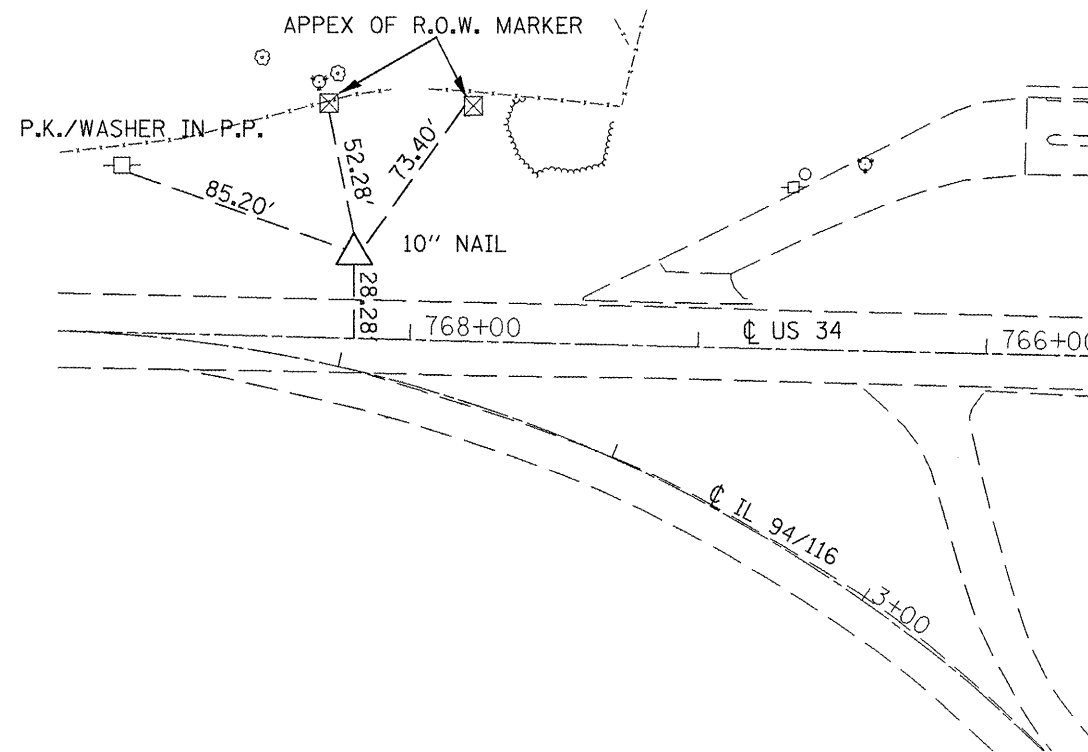
FILLING EXISTING CULVERTS			
LOCATION	EACH	FOR INFORMATION ONLY	
		LENTH	SIZE/TYPE
54' LT. STA. 763+89.20 TO 59' RT. STA. 763+89.20	1	113	2' x 2' BOX
TOTAL	1		

INLET AND PIPE PROTECTION		
LOCATION	EACH	No. of Applications
US 34		
LT. STA. 754+21.00	1	2
LT. STA. 762+20.82	1	2
RT. STA. 765+36.62	2	2
LT. STA. 768+14.62	1	2
IL 94/116		
LT. STA. 7+53.00	1	2
RT. STA. 8+10.00	1	2
SUB-TOTAL	7	2
TOTAL		14

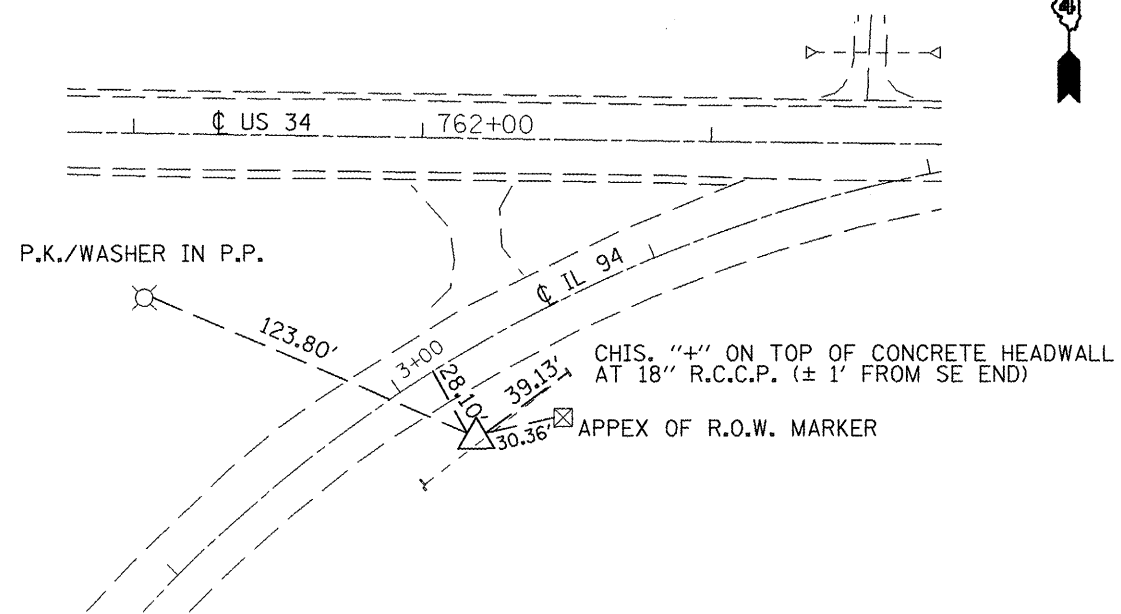
W.P. #10



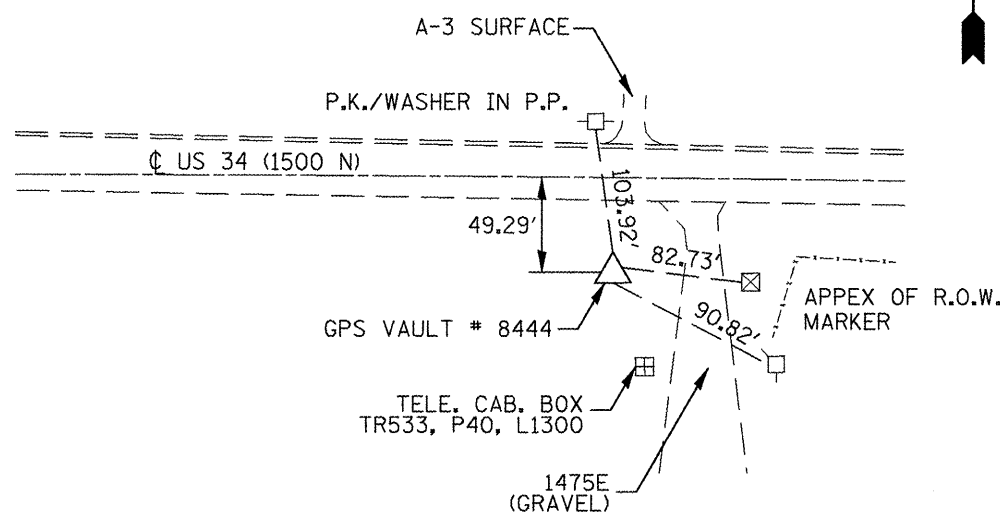
W.P. #11



W.P. #12



RESTAURANT LOUNGE & BOWL



BENCHMARKS

POINT	ELEVATION	DESCRIPTION
4003-19	688.262	IDOT DIV. OF HWYS BRASS DISK IN P.C.C. BASE, 8' N. OF N. EDGE OF PAVEMENT US 34, IN FIELD ENTRANCE ACROSS FROM 1550E
4003-18	694.032	EXISTING RAILROAD SPIKE IN N. SIDE OF POWER POLE WITH LIGHT AND TRANSFORMER ON S. SIDE OF US 34 IN CENTER FIELD OF WYE ± 263' FROM E. INTERSECTION
TBM G	690.219	IDOT DIV. OF HWYS BRASS DISK IN P.C.C. BASE, ± 26' N. OF N. EDGE OF PAVEMENT OF US 34, 363' W. OF E. INTERSECTION OF US 34 AND IL 94
GPS 8444	709.304	TOP OF SPIKE IN GPS VAULT, ±36' S. OF S. EDGE OF PAVEMENT OF US 34, ±60' W. OF INTERSECTION OF US 34 AND 1475E.

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		CHECKED -	REVISED -
		DATE -	REVISED -

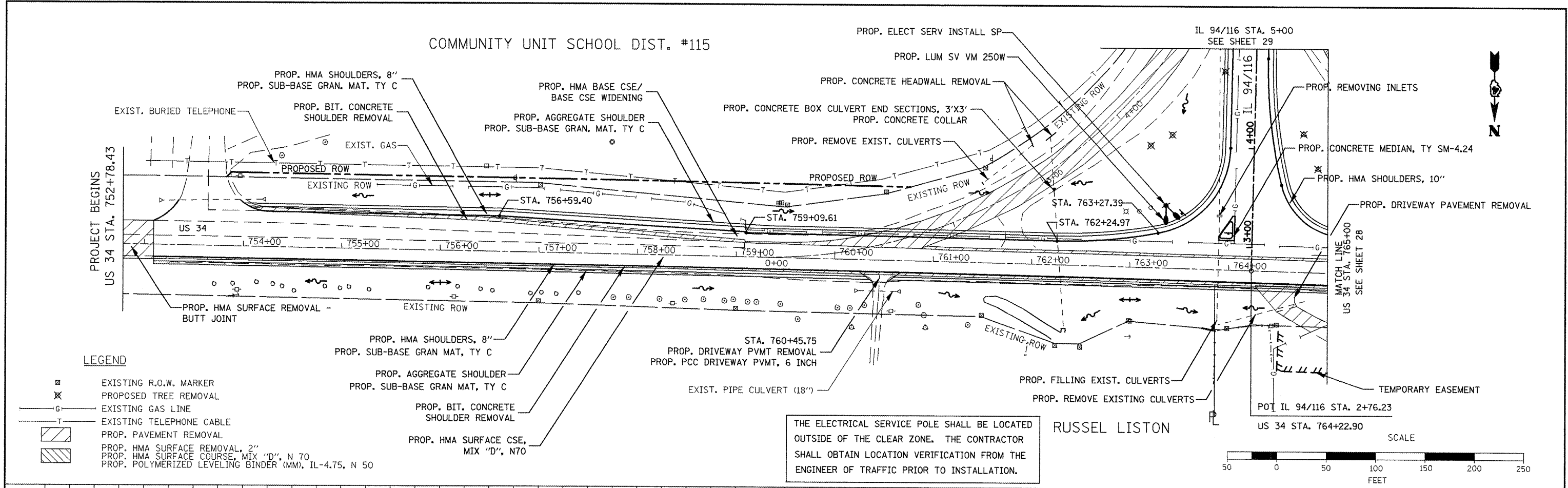
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RECOVERY TIES AND BENCHMARKS

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE. 313/534	SECTION 6R-1 (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 26
CONTRACT NO. 68818				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

COMMUNITY UNIT SCHOOL DIST. #115

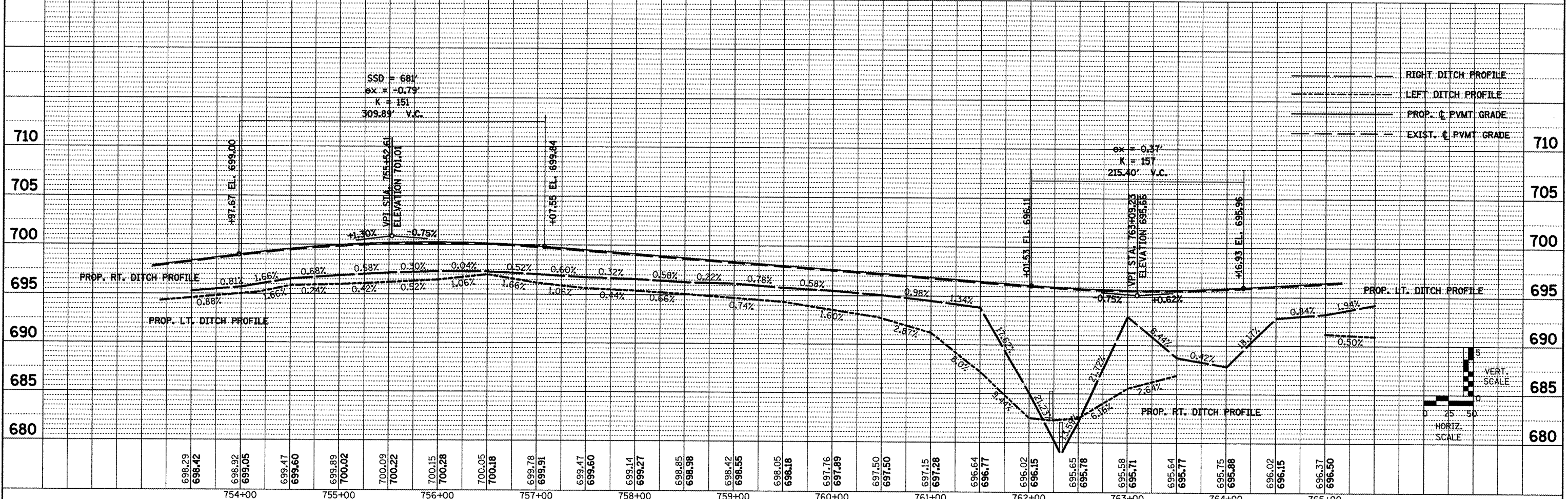
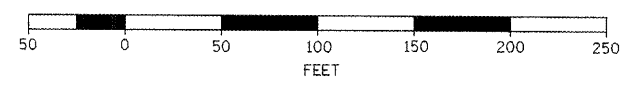


LEGEND

- ⊠ EXISTING R.O.W. MARKER
- ✕ PROPOSED TREE REMOVAL
- EXISTING GAS LINE
- EXISTING TELEPHONE CABLE
- ▨ PROPOSED PAVEMENT REMOVAL
- ▨ PROPOSED HMA SURFACE REMOVAL, 2"
- ▨ PROPOSED HMA SURFACE COURSE, MIX "D", N 70
- ▨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N 50
- ⊠ PROPOSED HMA SHOULDERS, 8"
- ⊠ PROPOSED SUB-BASE GRAN. MAT. TY C
- ⊠ PROPOSED AGGREGATE SHOULDER
- ⊠ PROPOSED SUB-BASE GRAN. MAT. TY C
- ⊠ PROPOSED BIT. CONCRETE SHOULDER REMOVAL
- ⊠ PROPOSED HMA SURFACE CSE, MIX "D", N 70
- ⊠ EXISTING BURIED TELEPHONE
- ⊠ EXISTING GAS
- ⊠ PROPOSED HMA SHOULDERS, 10"
- ⊠ PROPOSED DRIVEWAY PAVEMENT REMOVAL
- ⊠ EXISTING PIPE CULVERT (18")
- ⊠ PROPOSED REMOVE EXIST. CULVERTS
- ⊠ PROPOSED FILLING EXIST. CULVERTS
- ⊠ PROPOSED REMOVE EXISTING CULVERTS
- ⊠ PROPOSED CONCRETE HEADWALL REMOVAL
- ⊠ PROPOSED LUM SV VM 250W
- ⊠ PROPOSED CONCRETE BOX CULVERT END SECTIONS, 3'X3'
- ⊠ PROPOSED CONCRETE COLLAR
- ⊠ PROPOSED REMOVE EXIST. CULVERTS
- ⊠ PROPOSED CONCRETE MEDIAN, TY SM-4.24
- ⊠ PROPOSED REMOVING INLETS
- ⊠ PROPOSED HMA SHOULDERS, 8"
- ⊠ PROPOSED SUB-BASE GRAN. MAT. TY C
- ⊠ PROPOSED AGGREGATE SHOULDER
- ⊠ PROPOSED SUB-BASE GRAN. MAT. TY C
- ⊠ PROPOSED BIT. CONCRETE SHOULDER REMOVAL
- ⊠ PROPOSED HMA SURFACE CSE, MIX "D", N 70

THE ELECTRICAL SERVICE POLE SHALL BE LOCATED OUTSIDE OF THE CLEAR ZONE. THE CONTRACTOR SHALL OBTAIN LOCATION VERIFICATION FROM THE ENGINEER OF TRAFFIC PRIOR TO INSTALLATION.

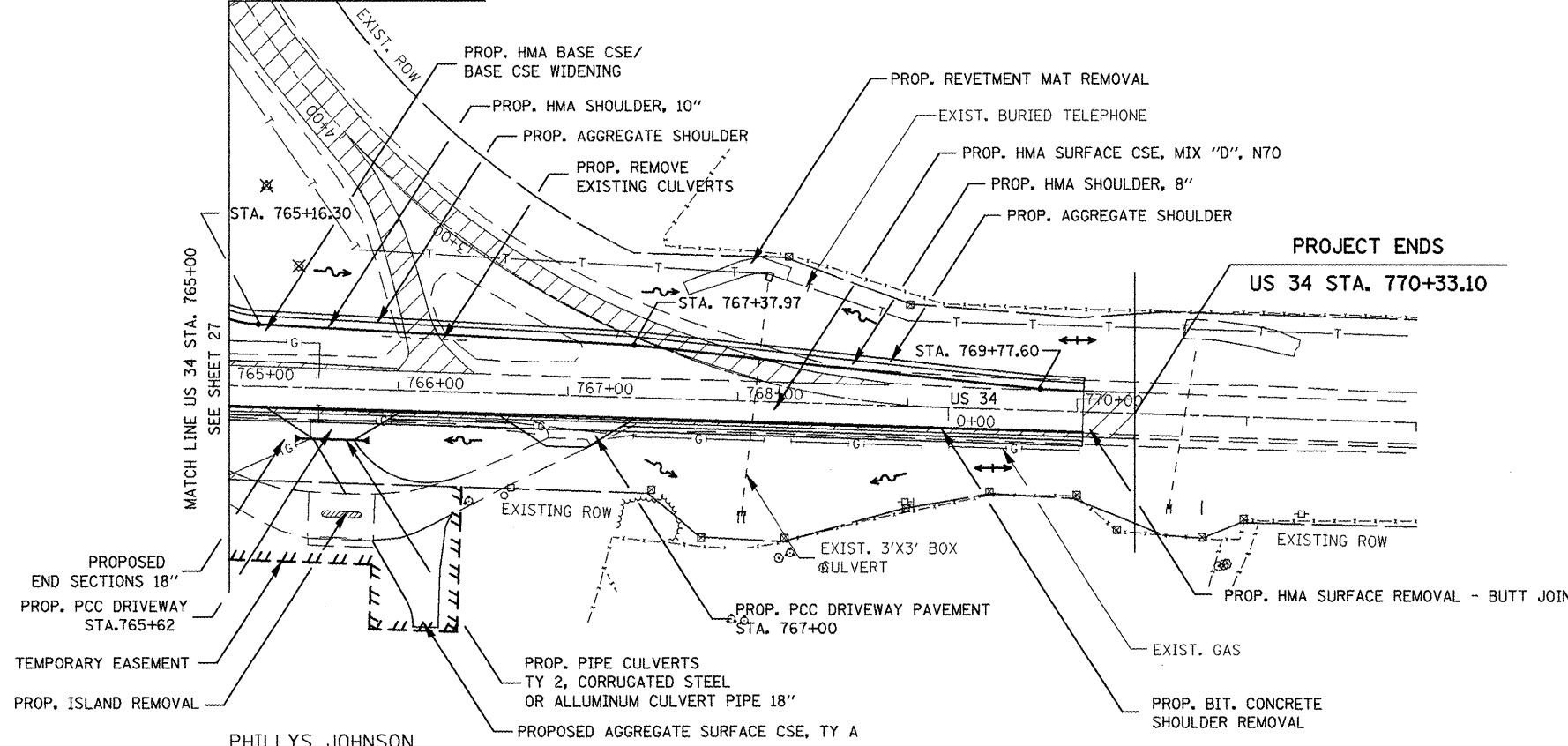
RUSSEL LISTON



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	PLDT SCALE = 1/8" = 100.0000' / IN.	CHECKED -	REVISED -	SCALE: PROVIDED		SHEET NO. 1 OF 3 SHEETS		STA. 753+00.00 TO STA. 765+00.00		CONTRACT NO. 68818		
	PLDT DATE = 3/19/2009	DATE -	REVISED -					FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

IL 94/116 STA. 5+00
SEE SHEET 29

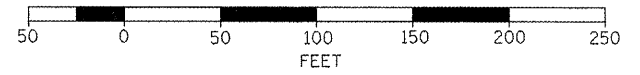
BERNARD AND JUNE GALBRAITH



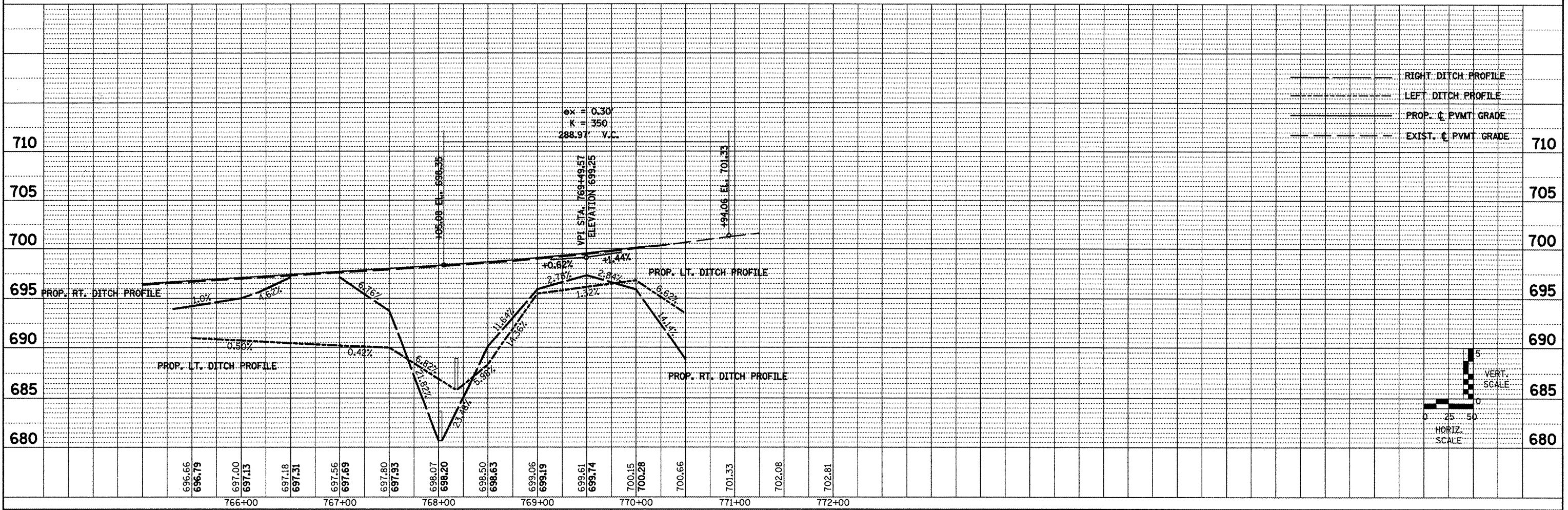
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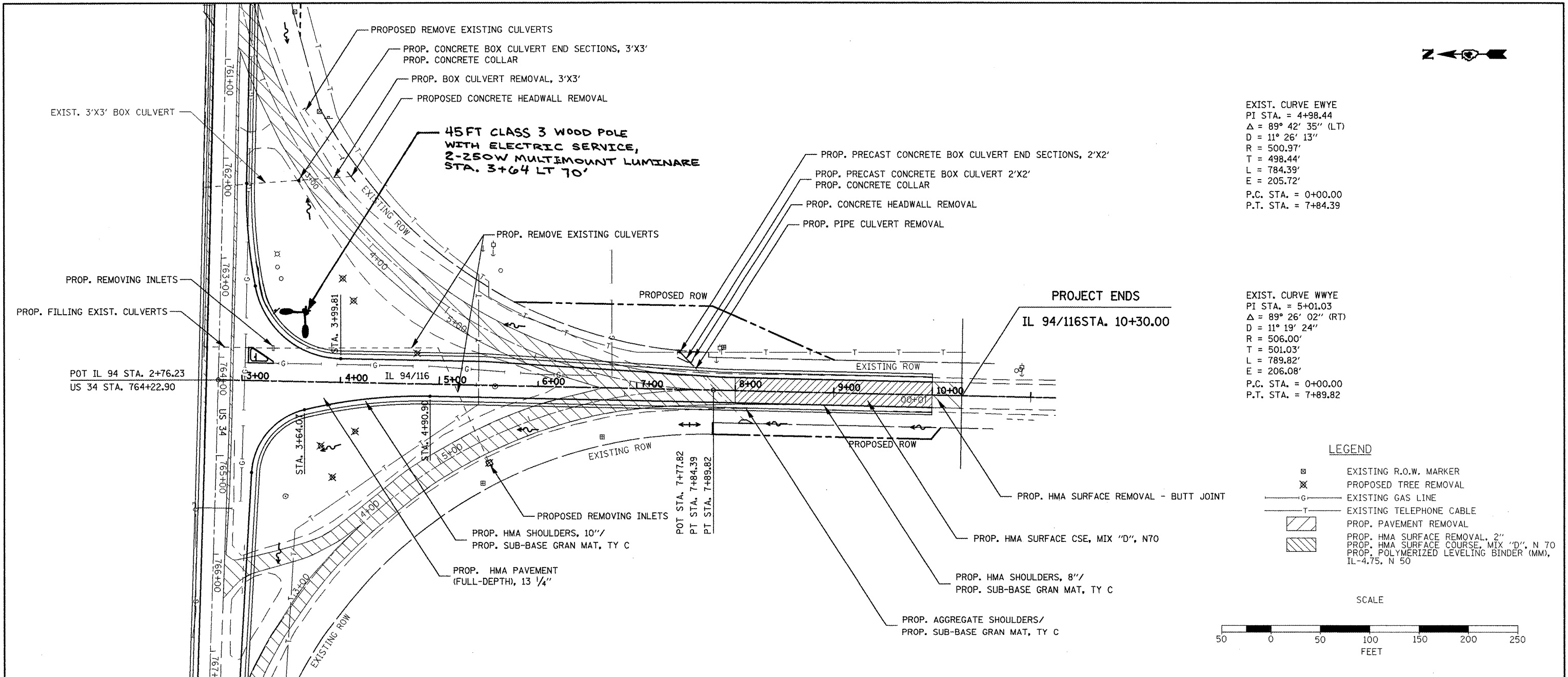
- ⊠ EXISTING R.O.W. MARKER
- ✕ PROPOSED TREE REMOVAL
- G- EXISTING GAS LINE
- T- EXISTING TELEPHONE CABLE
- [Hatched Box] PROPOSED PAVEMENT REMOVAL
- [Hatched Box] PROPOSED HMA SURFACE REMOVAL, 2"
- [Hatched Box] PROPOSED HMA SURFACE COURSE, MIX "D", N 70
- [Hatched Box] PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N 50

SCALE



PHILLYS JOHNSON





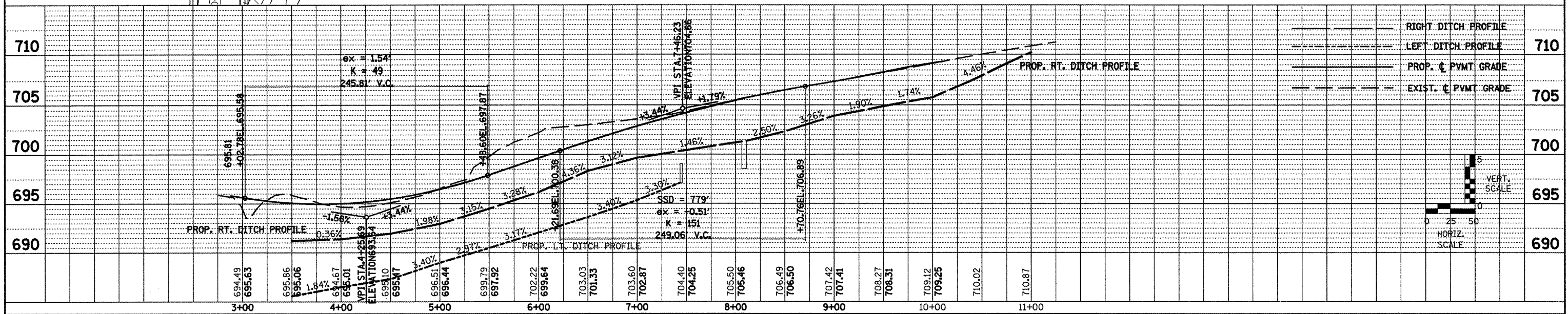
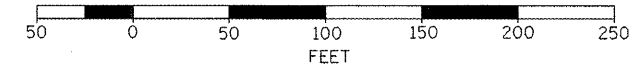
EXIST. CURVE EWYE
 PI STA. = 4+98.44
 $\Delta = 89^\circ 42' 35''$ (LT)
 $D = 11^\circ 26' 13''$
 $R = 500.97'$
 $T = 498.44'$
 $L = 784.39'$
 $E = 205.72'$
 P.C. STA. = 0+00.00
 P.T. STA. = 7+84.39

EXIST. CURVE WWYE
 PI STA. = 5+01.03
 $\Delta = 89^\circ 26' 02''$ (RT)
 $D = 11^\circ 19' 24''$
 $R = 506.00'$
 $T = 501.03'$
 $L = 789.82'$
 $E = 206.08'$
 P.C. STA. = 0+00.00
 P.T. STA. = 7+89.82

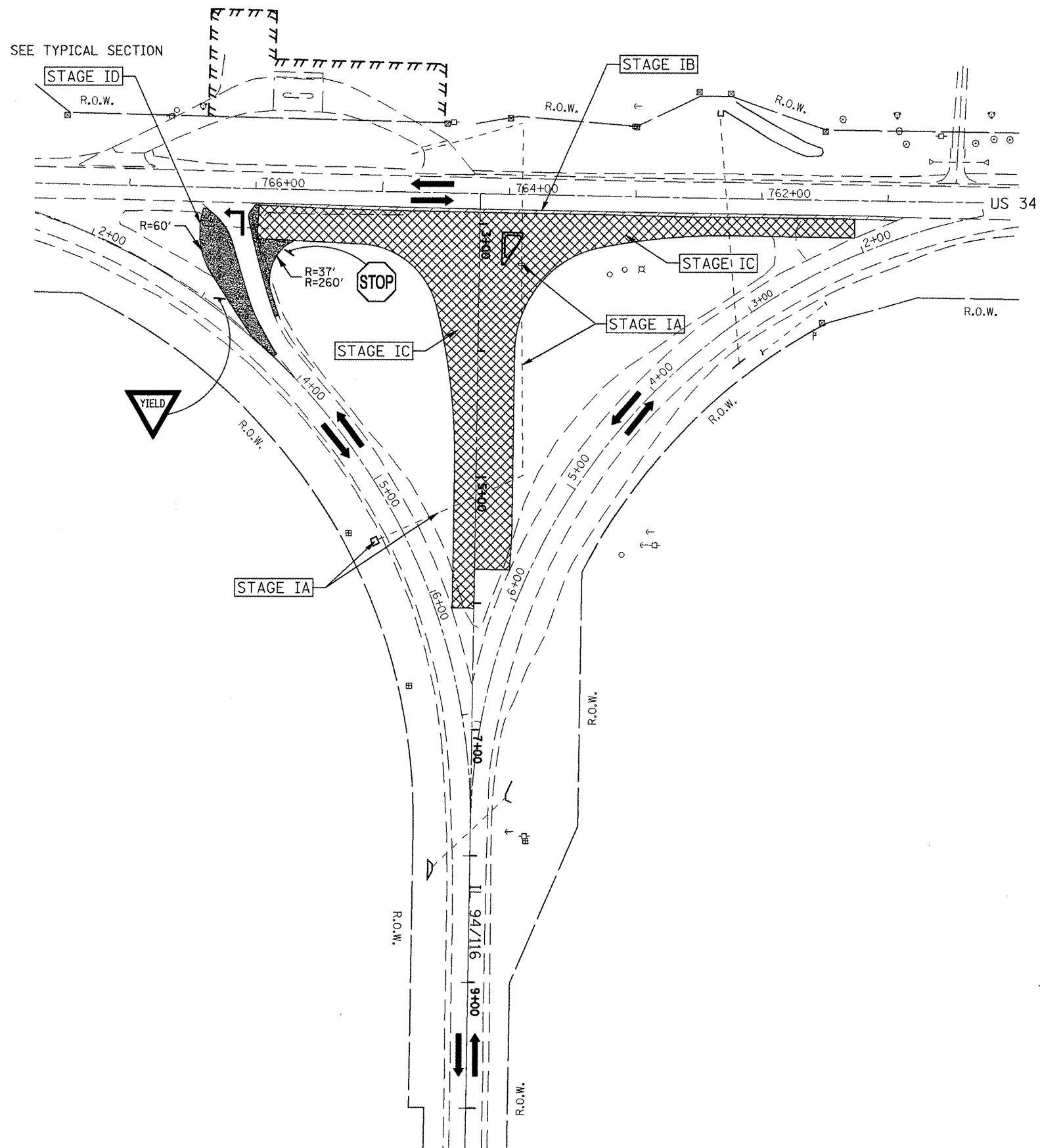
LEGEND

- EXISTING R.O.W. MARKER
- PROPOSED TREE REMOVAL
- EXISTING GAS LINE
- EXISTING TELEPHONE CABLE
- PROP. PAVEMENT REMOVAL
- PROP. HMA SURFACE REMOVAL, 2"
- PROP. HMA SURFACE COURSE, MIX "D", N 70
- PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N 50

SCALE



FILE NAME # plan_profile.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 94 /116 PLAN AND PROFILE	F.A.P. RTE. 313/534	SECTION 6R-1; (109EXR)	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 29	
	PLOT SCALE = 1/8" = 100' / IN.	CHECKED -	REVISED -			SCALE PROVIDED	SHEET NO. 3 OF 3 SHEETS	STA. 3+00.00 TO STA. 10+00.00	CONTRACT NO. 68818		
	PLOT DATE = 3/19/2009	DATE -	REVISED -						ILLINOIS FED. AID PROJECT		



STAGE I SEQUENCE OF CONSTRUCTION

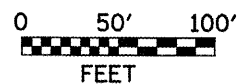
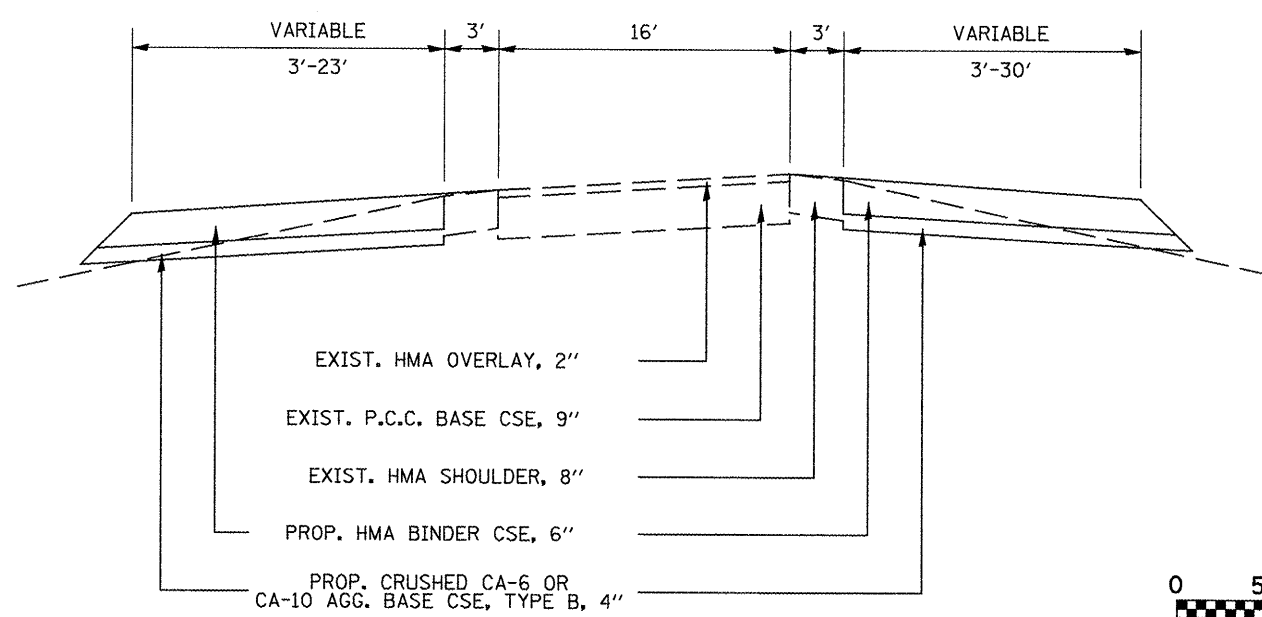
- A. ● REMOVE EXISTING INLETS AT RT. STA. 5+44.08 (IL 94/ 116 WEST LEG OF EXISTING WYE) AND RT. STA. 763+89.18 (US 34) AND LT. STA. 3+31.27 (IL 94/116)
- FILL EXISTING CULVERT AT 54' LT. STA. 763+89.20 TO 59' RT. STA. 763+89.20
- B. ● REMOVE EXISTING HMA SHOULDERS LT. STA. 760+88 TO LT. STA. 766+00 (US 34). CONTRACTOR MUST MINIMIZE THE TIME TRAFFIC IS EXPOSED TO THE DROP OFF HAZARD.
- C. ● CONSTRUCT HMA BASE CSE/BASE CSE WIDENING, HMA BINDER CSE AND HMA SHOULDERS LT. STA. 761+26 TO LT. STA. 766+00 (US 34)
- CONSTRUCT HMA BASE CSE, HMA BINDER CSE, HMA SHOULDERS LT. STA. 2+88.34 TO LT. STA. 5+90.67 AND RT. STA. 2+88.34 TO RT. STA. 6+04.11 (IL 94/116)
- CONSTRUCT P.C.C. ISLAND IN NE QUADRANT OF THE "T" INTERSECTION
- INSTALL TYPE III BARRICADES ON NEW IL 94/116 PAVEMENT PER HWY STD. 70191 - ROAD CLOSED TO ALL TRAFFIC.
- D. ● CONSTRUCT TEMPORARY PAVEMENT LT. STA. 2+65 TO LT. STA. 3+53 (IL 94/116 WEST LEG OF EXISTING WYE)

STAGE I TRAFFIC CONTROL

TRAFFIC WILL BE MAINTAINED ON EXISTING ALIGNMENTS ON US 34 AND IL 94/116. THERE WILL BE INTERMITTENT LANE REDUCTIONS ON EB US 34 AND NB IL 94/116 TO ACCOMMODATE STAGE IA, IB AND ID CONSTRUCTION. TRAFFIC CONTROL WILL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL STANDARDS LISTED AND AS DIRECTED BY THE ENGINEER. THE COST SHALL BE INCLUDED IN THE ASSOCIATED TRAFFIC CONTROL PAY ITEMS.

- STANDARD 701001
- STANDARD 701006
- STANDARD 701306
- STANDARD 701326
- STANDARD 701901

**TEMPORARY PAVEMENT TYPICAL SECTION
(WEST LEG STA. 2+65 TO STA. 3+53)**



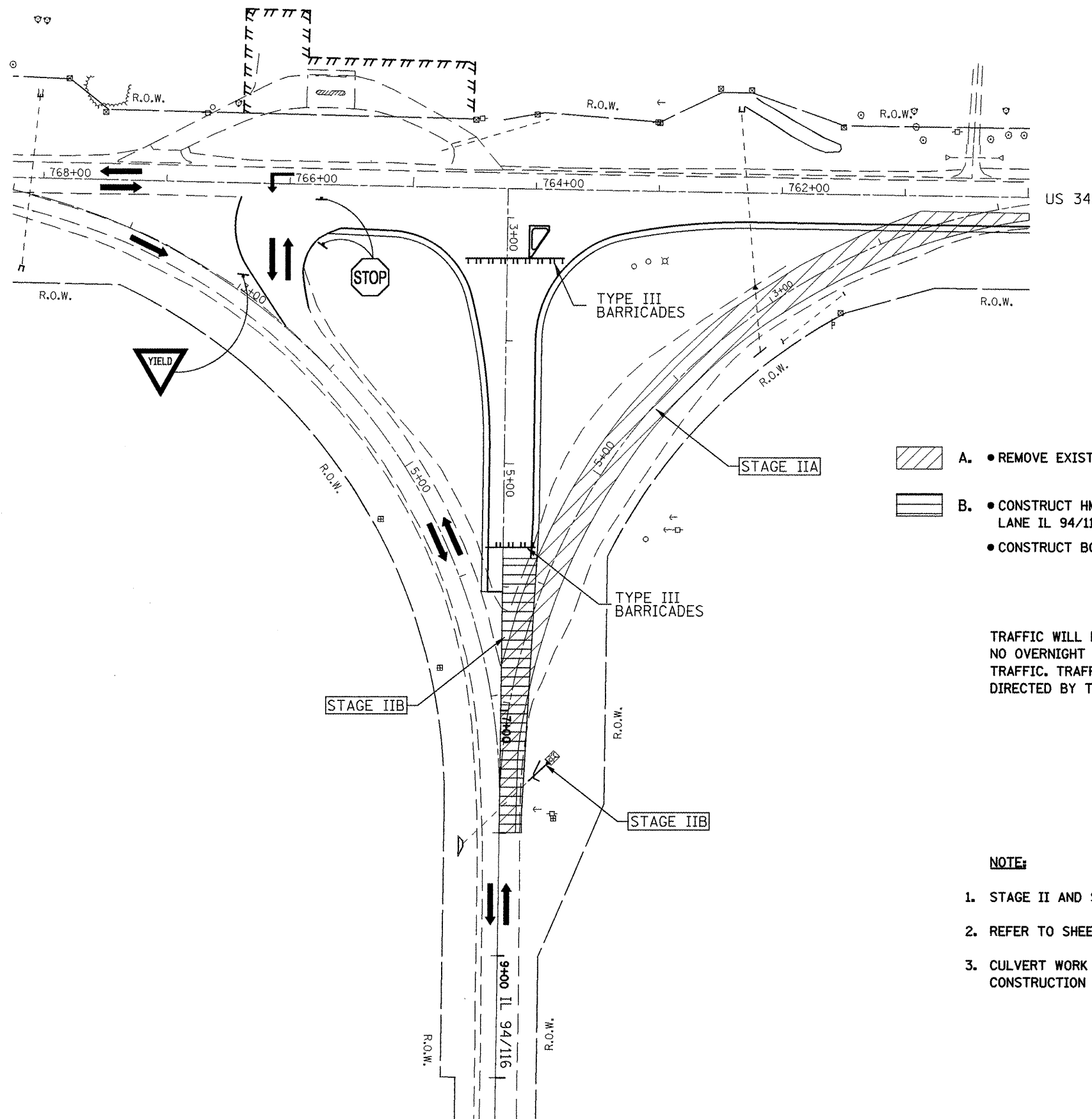
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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC CONTROL AND STAGING PLAN
STAGE I**

SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS

F.A.P. RTE. 313/534	SECTION 6R-1r (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 30
CONTRACT NO. 68818				



STAGE II SEQUENCE OF CONSTRUCTION

- A. • REMOVE EXISTING PAVEMENT STA. 1+69.40 TO STA. 8+00.00 (IL 94/116 EAST LEG OF EXISTING WYE)
- B. • CONSTRUCT HMA BASE CSE, HMA BINDER CSE AND HMA SHOULDERS LT. STA. 5+90.67 TO LT. STA. 8+00.00 (NB LANE IL 94/116)
- CONSTRUCT BOX CULVERT EXTENSION LT. STA. 7+53.00 (IL 94/116)

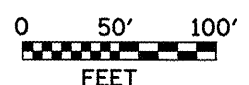
STAGE II TRAFFIC CONTROL - DAY-TIME ONLY

TRAFFIC WILL BE MAINTAINED ON EXISTING IL 94/116 WEST WYE ALIGNMENT WITH DAY-TIME LANE CLOSURE ONLY. NO OVERNIGHT LANE CLOSURE WILL BE ALLOWED. FLAGGER-CONTROLLED SB LANE WILL BE OPEN TO TWO-WAY TRAFFIC. TRAFFIC CONTROL WILL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL STANDARDS LISTED AND AS DIRECTED BY THE ENGINEER.

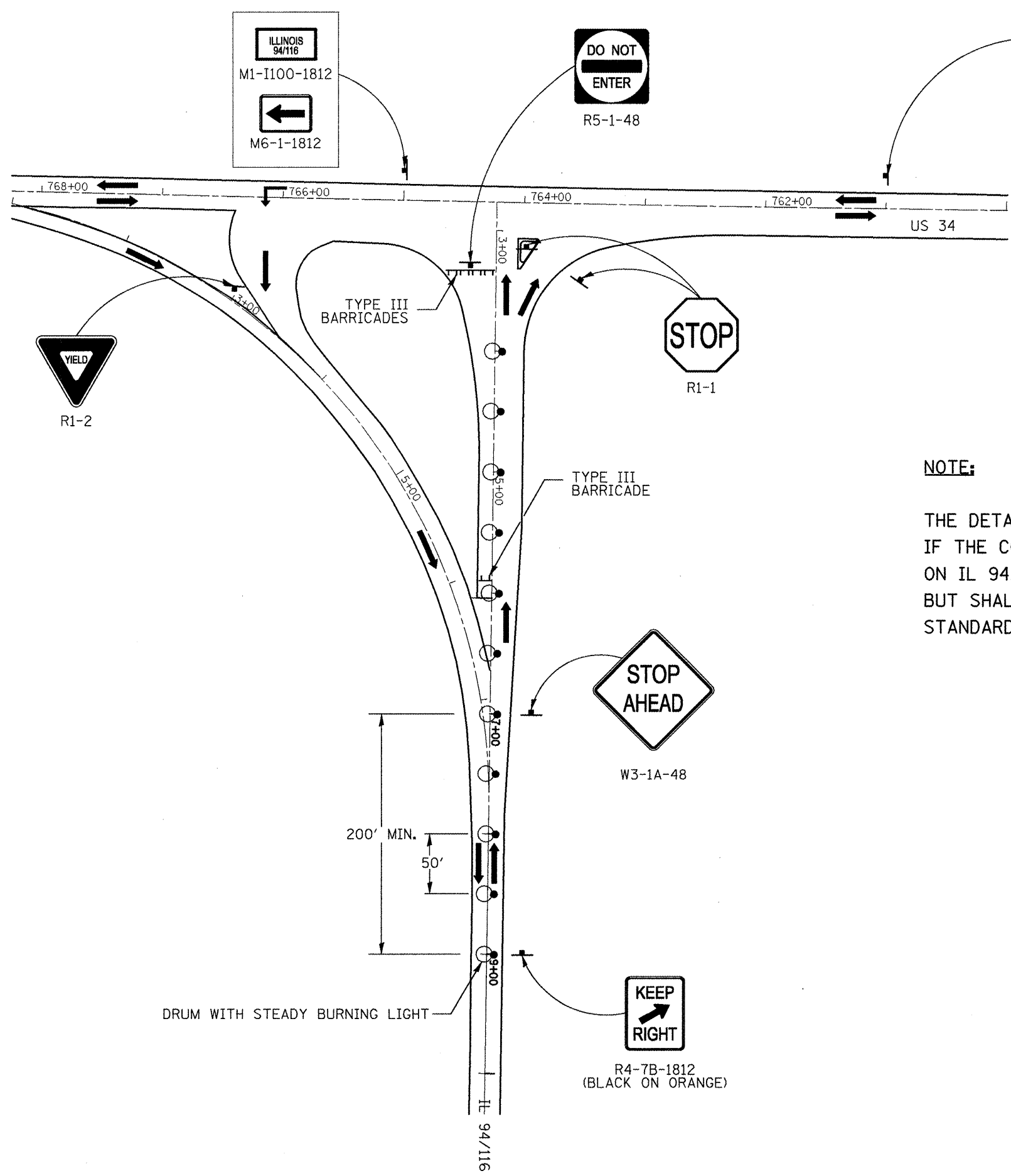
- STANDARD 701001
- STANDARD 701006
- STANDARD 701011
- STANDARD 701201
- STANDARD 701306
- STANDARD 701901

NOTE:

1. STAGE II AND STAGE III CONSTRUCTION MUST BE COMPLETED IN NO MORE THAN TWO CONSECUTIVE DAYS.
2. REFER TO SHEET 32 FOR NIGHT-TIME TRAFFIC CONTROL IF NECESSARY.
3. CULVERT WORK STA. 762+00 AND STA. 762+27.93 (US 34) MAY BE COMPLETED DURING STAGE II OR STAGE IV CONSTRUCTION AT THE DISCRETION OF THE ENGINEER.



FILE NAME = slh01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC CONTROL AND STAGING PLAN STAGE II		F.A.P. RTE. 313/534	SECTION 6R-1s (109EX) R	COUNTY HENDESON	TOTAL SHEETS 81	SHEET NO. 31	
		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 5 SHEETS	CONTRACT NO. 68818		ILLINOIS FED. AID PROJECT			
		CHECKED -	REVISED -									
		DATE -	REVISED -									



NOTE:

THE DETAIL SHOULD BE UTILIZED AS A MEANS OF NIGHT-TIME TRAFFIC CONTROL ONLY IF THE CONTRACTOR DOES NOT COMPLETE CONSTRUCTION OF THE NEW SB AND NB LANES ON IL 94/116 ON THE SAME DAY. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION STANDARD 701326.



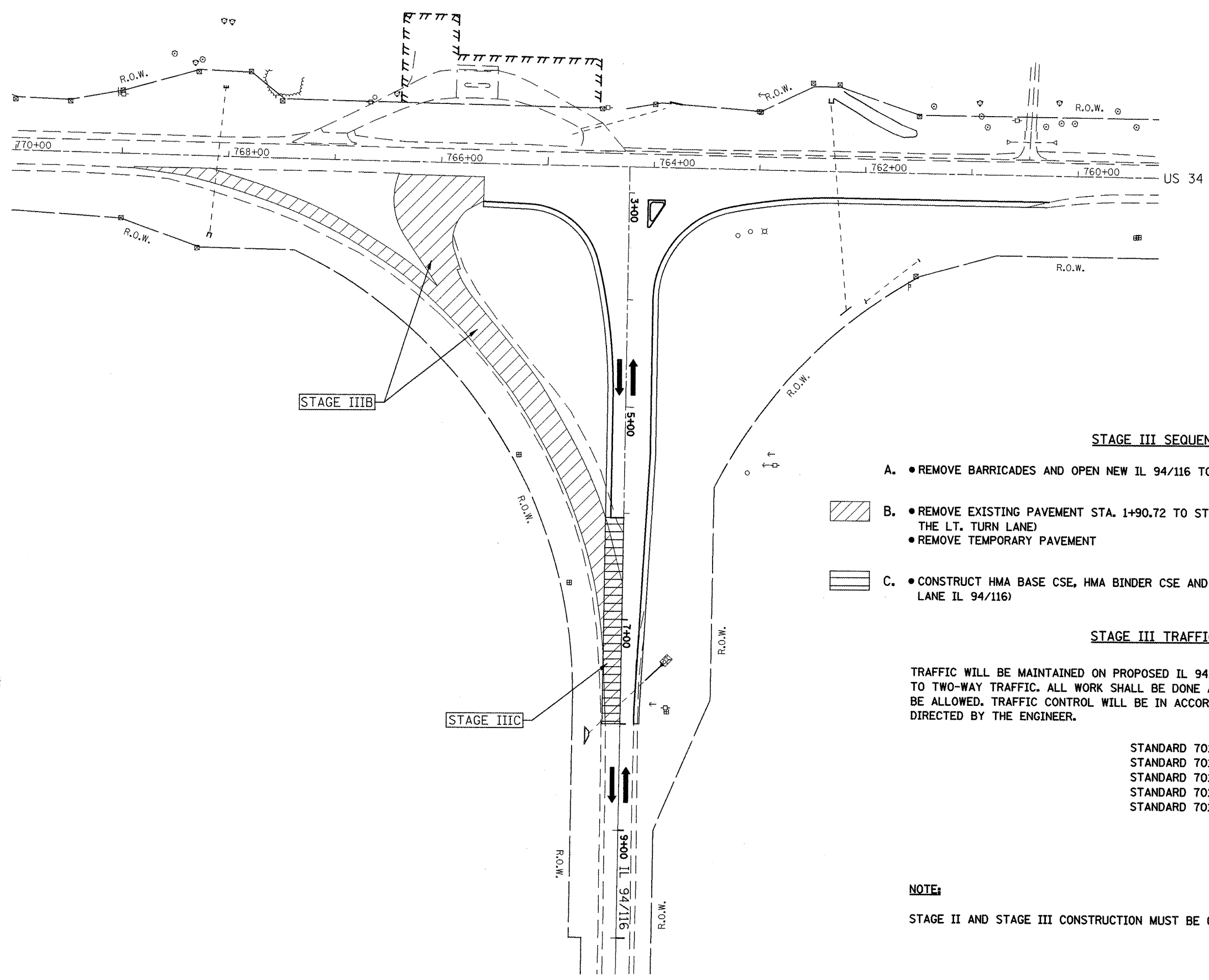
FILE NAME = sh201.dgn	USER NAME = johnsantv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NIGHT-TIME TRAFFIC CONTROL DETAIL
STAGE II**

SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS

F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 32
CONTRACT NO. 68818				



STAGE III SEQUENCE OF CONSTRUCTION

- A. ● REMOVE BARRICADES AND OPEN NEW IL 94/116 TO NB AND SB TRAFFIC
- B. ● REMOVE EXISTING PAVEMENT STA. 1+90.72 TO STA. 8+00.00 (IL 94/116 WEST LEG OF EXISTING WYE INCLUDING THE LT. TURN LANE)
● REMOVE TEMPORARY PAVEMENT
- C. ● CONSTRUCT HMA BASE CSE, HMA BINDER CSE AND HMA SHOULDERS RT. STA. 6+04.11 TO LT. STA. 8+00.00 (SB LANE IL 94/116)

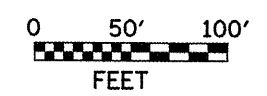
STAGE III TRAFFIC CONTROL

TRAFFIC WILL BE MAINTAINED ON PROPOSED IL 94/116 ALIGNMENT. FLAGGER-CONTROLLED NB LANE WILL BE OPEN TO TWO-WAY TRAFFIC. ALL WORK SHALL BE DONE AS A DAY-TIME OPERATION. NO OVERNIGHT LANE CLOSURE WILL BE ALLOWED. TRAFFIC CONTROL WILL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL STANDARDS LISTED AND AS DIRECTED BY THE ENGINEER.

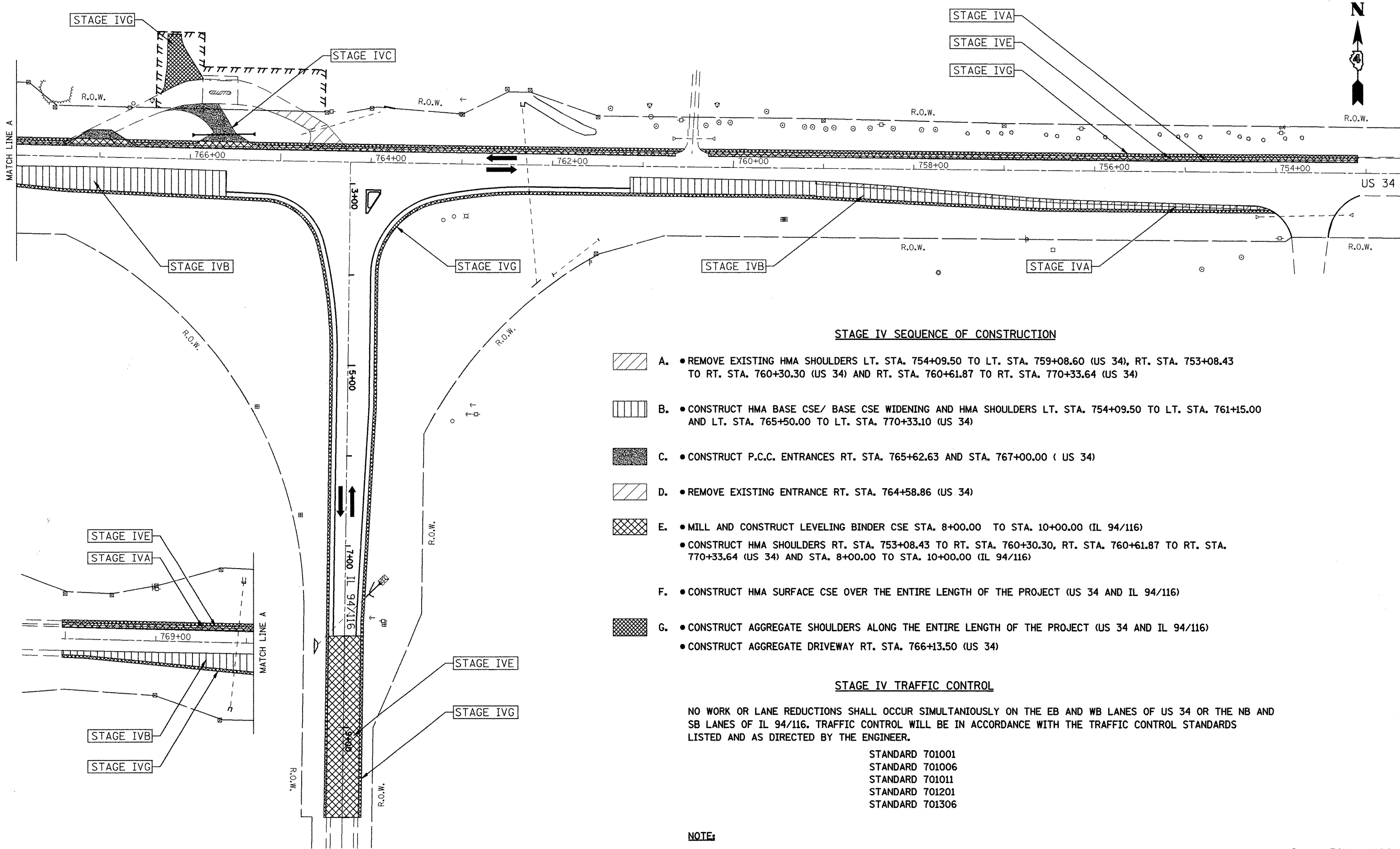
- STANDARD 701001
- STANDARD 701006
- STANDARD 701011
- STANDARD 701201
- STANDARD 701306

NOTE:







STAGE II AND STAGE III CONSTRUCTION MUST BE COMPLETED IN NO MORE THAN TWO CONSECUTIVE DAYS.



FILE NAME = sht01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC CONTROL AND STAGING PLAN STAGE III		F.A.P. RTE. 513/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 33	
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 4 OF 5 SHEETS	CONTRACT NO. 68818		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/19/2009	CHECKED -	REVISED -									
		DATE -	REVISED -									



STAGE IV SEQUENCE OF CONSTRUCTION

-  A. • REMOVE EXISTING HMA SHOULDERS LT. STA. 754+09.50 TO LT. STA. 759+08.60 (US 34), RT. STA. 753+08.43 TO RT. STA. 760+30.30 (US 34) AND RT. STA. 760+61.87 TO RT. STA. 770+33.64 (US 34)
-  B. • CONSTRUCT HMA BASE CSE/ BASE CSE WIDENING AND HMA SHOULDERS LT. STA. 754+09.50 TO LT. STA. 761+15.00 AND LT. STA. 765+50.00 TO LT. STA. 770+33.10 (US 34)
-  C. • CONSTRUCT P.C.C. ENTRANCES RT. STA. 765+62.63 AND STA. 767+00.00 (US 34)
-  D. • REMOVE EXISTING ENTRANCE RT. STA. 764+58.86 (US 34)
-  E. • MILL AND CONSTRUCT LEVELING BINDER CSE STA. 8+00.00 TO STA. 10+00.00 (IL 94/116)
• CONSTRUCT HMA SHOULDERS RT. STA. 753+08.43 TO RT. STA. 760+30.30, RT. STA. 760+61.87 TO RT. STA. 770+33.64 (US 34) AND STA. 8+00.00 TO STA. 10+00.00 (IL 94/116)
- F. • CONSTRUCT HMA SURFACE CSE OVER THE ENTIRE LENGTH OF THE PROJECT (US 34 AND IL 94/116)
-  G. • CONSTRUCT AGGREGATE SHOULDERS ALONG THE ENTIRE LENGTH OF THE PROJECT (US 34 AND IL 94/116)
• CONSTRUCT AGGREGATE DRIVEWAY RT. STA. 766+13.50 (US 34)

STAGE IV TRAFFIC CONTROL

NO WORK OR LANE REDUCTIONS SHALL OCCUR SIMULTANEOUSLY ON THE EB AND WB LANES OF US 34 OR THE NB AND SB LANES OF IL 94/116. TRAFFIC CONTROL WILL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL STANDARDS LISTED AND AS DIRECTED BY THE ENGINEER.

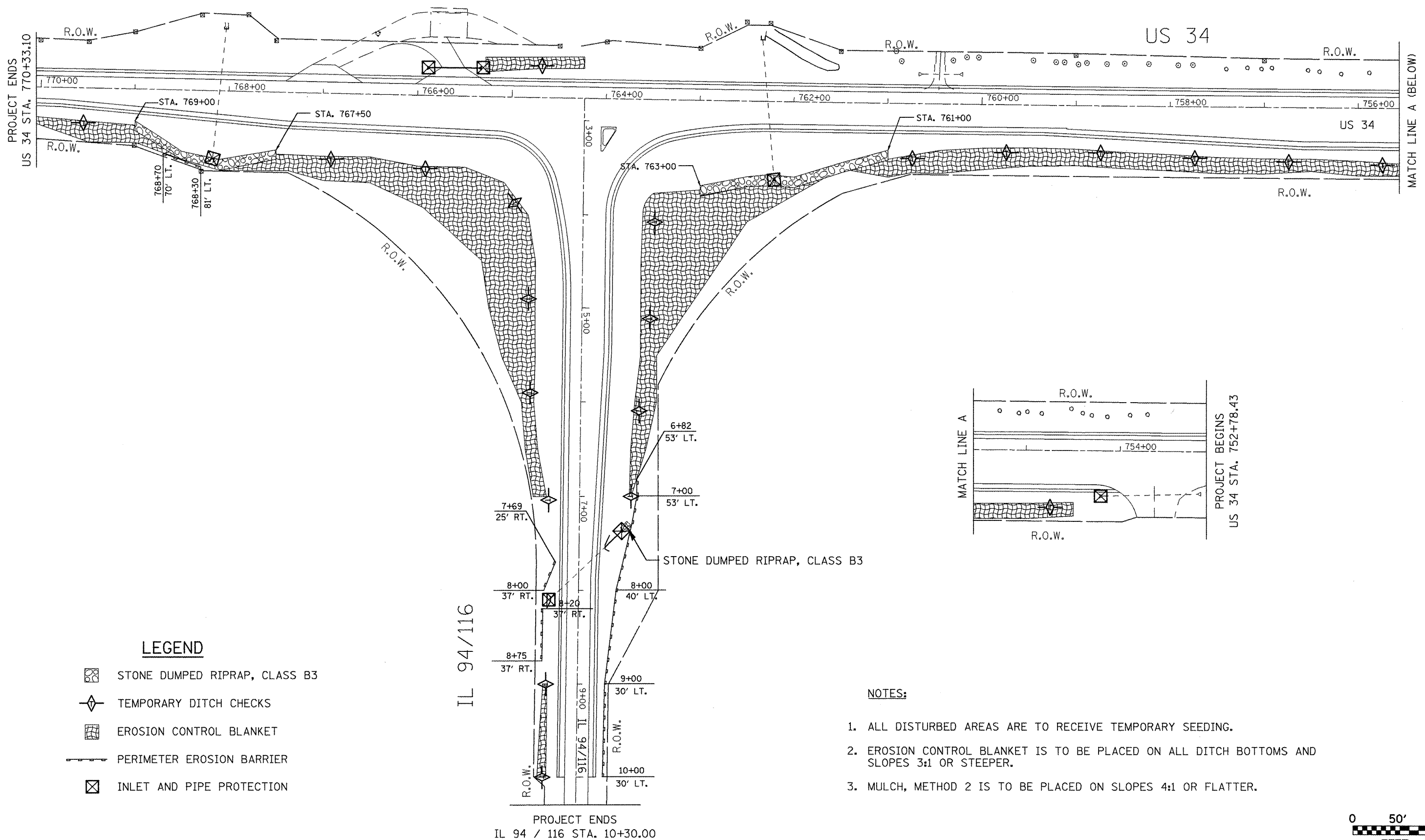
- STANDARD 701001
- STANDARD 701006
- STANDARD 701011
- STANDARD 701201
- STANDARD 701306

NOTE:

CULVERT WORK (STA. 762+00 AND STA. 762+27.93 (US 34)) MAY BE COMPLETED DURING STAGE II OR STAGE IV CONSTRUCTION AT THE DISCRETION OF THE ENGINEER.



FILE NAME = sh01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC CONTROL AND STAGING PLAN STAGE IV		F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET 34
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -				CONTRACT NO. 68818				
	PLOT DATE = 3/19/2009	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -		SCALE: 1" = 50'	SHEET NO. 5 OF 5 SHEETS					

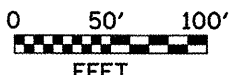


LEGEND

- STONE DUMPED RIPRAP, CLASS B3
- TEMPORARY DITCH CHECKS
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

NOTES:

1. ALL DISTURBED AREAS ARE TO RECEIVE TEMPORARY SEEDING.
2. EROSION CONTROL BLANKET IS TO BE PLACED ON ALL DITCH BOTTOMS AND SLOPES 3:1 OR STEEPER.
3. MULCH, METHOD 2 IS TO BE PLACED ON SLOPES 4:1 OR FLATTER.

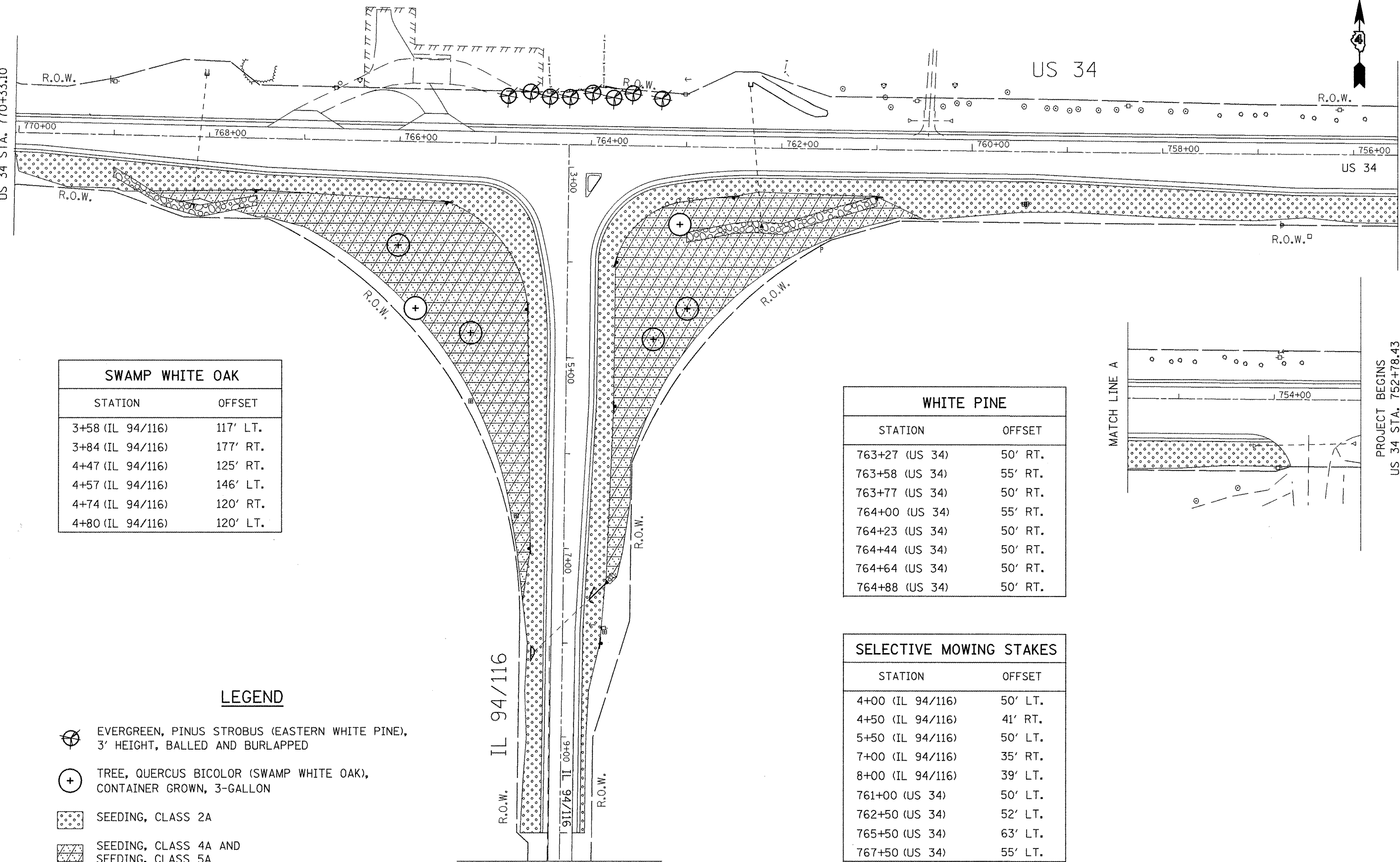


FILE NAME = sh291.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN	F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 35
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	SCALE: 1" = 50'	SHEET NO. 1 OF 1 SHEETS	CONTRACT NO. 68818		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/19/2009	DATE -	REVISED -							



PROJECT ENDS
US 34 STA. 770+33.10

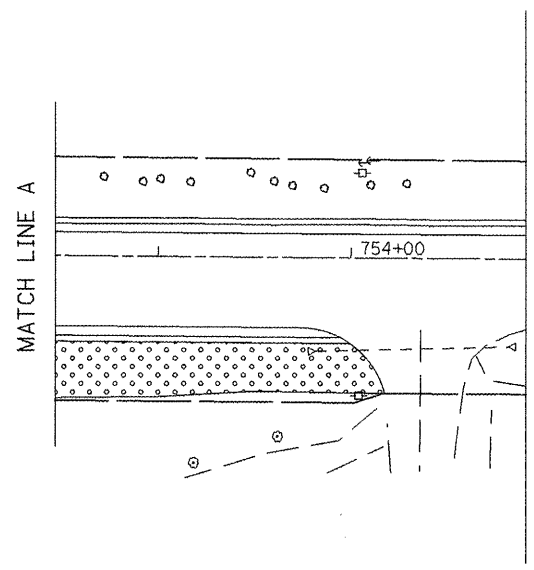
MATCH LINE A (BELOW)



SWAMP WHITE OAK	
STATION	OFFSET
3+58 (IL 94/116)	117' LT.
3+84 (IL 94/116)	177' RT.
4+47 (IL 94/116)	125' RT.
4+57 (IL 94/116)	146' LT.
4+74 (IL 94/116)	120' RT.
4+80 (IL 94/116)	120' LT.

WHITE PINE	
STATION	OFFSET
763+27 (US 34)	50' RT.
763+58 (US 34)	55' RT.
763+77 (US 34)	50' RT.
764+00 (US 34)	55' RT.
764+23 (US 34)	50' RT.
764+44 (US 34)	50' RT.
764+64 (US 34)	50' RT.
764+88 (US 34)	50' RT.

SELECTIVE MOWING STAKES	
STATION	OFFSET
4+00 (IL 94/116)	50' LT.
4+50 (IL 94/116)	41' RT.
5+50 (IL 94/116)	50' LT.
7+00 (IL 94/116)	35' RT.
8+00 (IL 94/116)	39' LT.
761+00 (US 34)	50' LT.
762+50 (US 34)	52' LT.
765+50 (US 34)	63' LT.
767+50 (US 34)	55' LT.

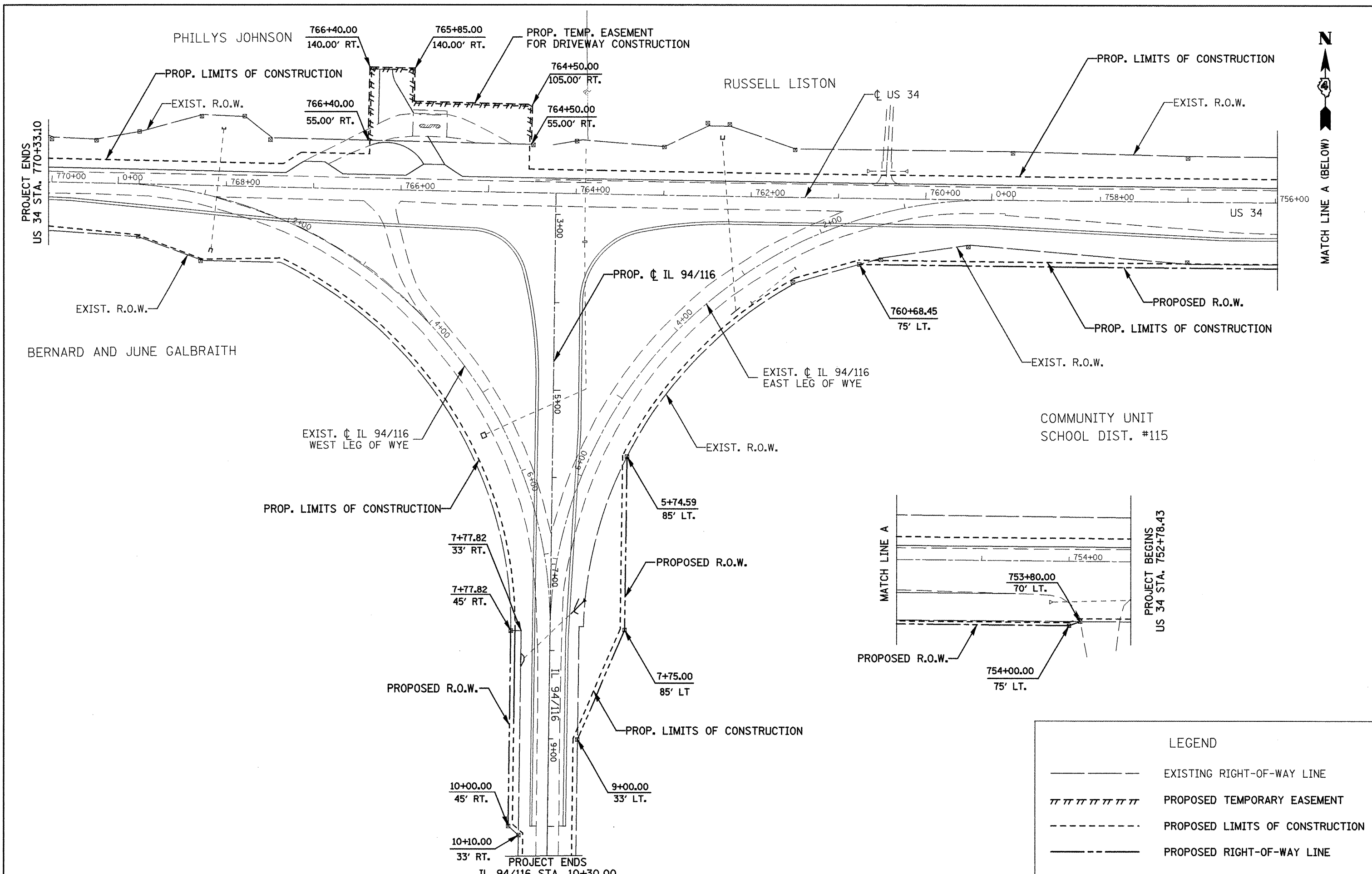


LEGEND

- EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 3' HEIGHT, BALLED AND BURLAPPED
- TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 3-GALLON
- SEEDING, CLASS 2A
- SEEDING, CLASS 4A AND SEEDING, CLASS 5A
- SELECTIVE MOWING STAKE WITH SIGN

PROJECT ENDS
IL 94 / 116 STA. 10+30.00

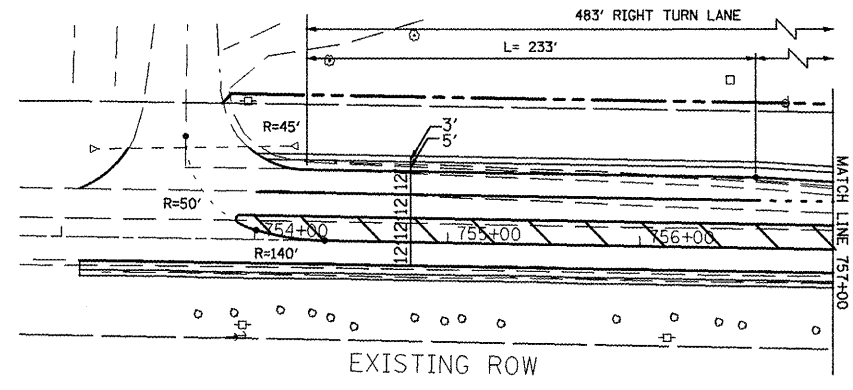




LEGEND	
-----	EXISTING RIGHT-OF-WAY LINE
	PROPOSED TEMPORARY EASEMENT
-----	PROPOSED LIMITS OF CONSTRUCTION
-----	PROPOSED RIGHT-OF-WAY LINE

FILE NAME = sht01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	R.O.W. PLAN	F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 37	
	PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -			SCALE: 1" = 50'	SHEET NO. 1 OF 1 SHEETS	CONTRACT NO. 68818		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/19/2009	DATE -	REVISED -								
PROJECT ENDS IL 94/116 STA. 10+30.00											

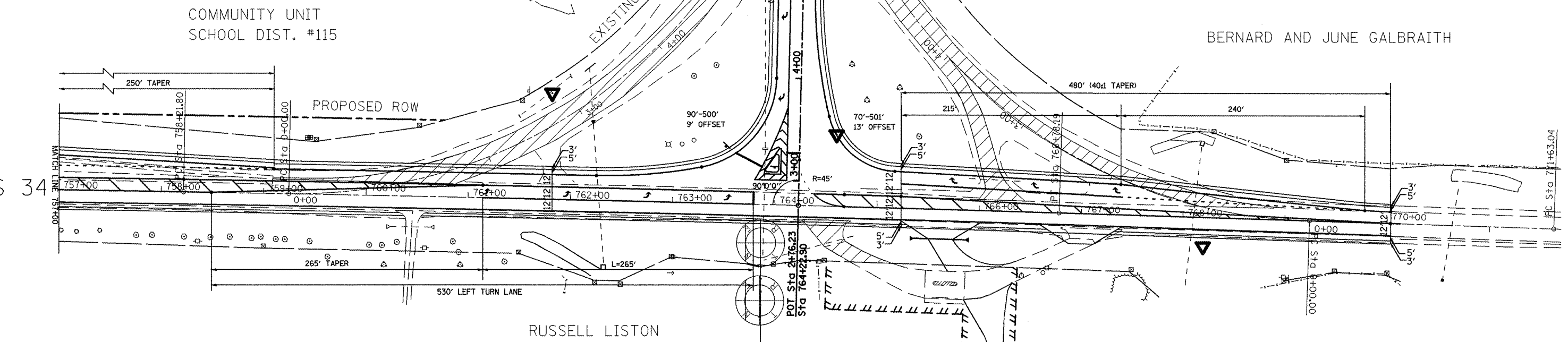
IL 94/116



EXIST. CURVE EWYE
 PI STA. = 4+98.44
 $\Delta = 89^\circ 42' 35''$ (LT)
 $D = 11^\circ 26' 13''$
 $R = 500.97'$
 $T = 498.44'$
 $L = 784.39'$
 $E = 205.72'$
 P.C. STA. = 0+00.00
 P.T. STA. = 7+84.39

EXIST. CURVE WWYE
 PI STA. = 5+01.03
 $\Delta = 89^\circ 26' 02''$ (RT)
 $D = 11^\circ 19' 24''$
 $R = 506.00'$
 $T = 501.03'$
 $L = 789.82'$
 $E = 206.08'$
 P.C. STA. = 0+00.00
 P.T. STA. = 7+89.82

POT Sta 7+77.82
 PT Sta 7+84.39
 PT Sta 7+89.82



EXIST. CURVE US34EXCL1
 PI STA. = 762+50.00
 $\Delta = 0^\circ 51' 23''$ (RT)
 $D = 0^\circ 06' 00''$
 $R = 57,295.85'$
 $T = 428.20'$
 $L = 856.39'$
 $E = 1.60'$
 P.C. STA. = 758+21.80
 P.T. STA. = 766+78.19

EXIST. CURVE US34EXCL2
 PI STA. = 776+41.99
 $\Delta = 1^\circ 23' 06''$ (LT)
 $D = 0^\circ 08' 41''$
 $R = 39,625.93'$
 $T = 478.96'$
 $L = 957.87'$
 $E = 2.89'$
 P.C. STA. = 771+63.04
 P.T. STA. = 781+20.91

US 34

COMMUNITY UNIT
 SCHOOL DIST. #115

BERNARD AND JUNE GALBRAITH

RUSSELL LISTON

PHILLYS JOHNSON

FILE NAME = sh01.dgn	USER NAME = johnsontv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION LAYOUT	F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 38		
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS		CONTRACT NO. 68818				
	PLOT DATE = 3/19/2009	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						

SE QUADRANT - IL 94/116 & US 34 INTERSECTION

POINT	STATION	OFFSET	ELEVATION AT EDGE OF PVMT
A	762+24.97 (US 34)	24.0' LT.	695.59'
B	762+76.47 (US 34)	26.87' LT.	695.31'
C	763+27.39 (US 34)	35.09' LT.	694.95'
D	3+33.75 (IL 94/116)	52.88' LT.	694.13'
E	3+99.81 (IL 94/116)	24.0' LT.	694.53'
F	3+99.81 (IL 94/116)	114.10' LT.	
G	762+22.84 (US 34)	523.98' LT.	

SW QUADRANT - IL 94/116 & US 34 INTERSECTION

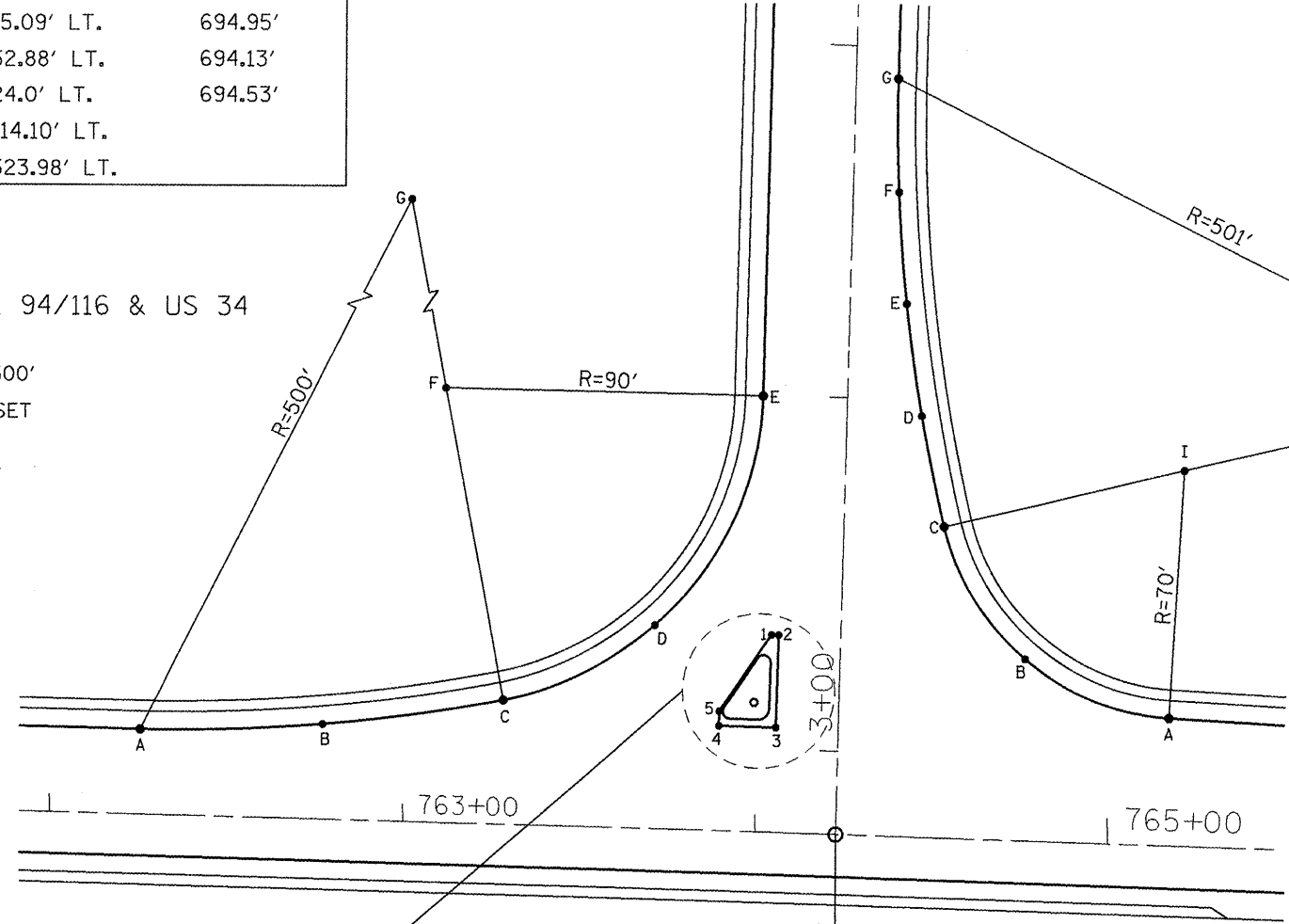
POINT	STATION	OFFSET	ELEVATION AT EDGE OF PVMT
A	765+16.30 (US 34)	36.19' LT.	695.85'
B	3+27.12 (IL 94/116)	52.32' RT.	694.21'
C	3+64.07 (IL 94/116)	28.3' RT.	694.43'
D	3+95.49 (IL 94/116)	21.17' RT.	694.68'
E	4+26.96 (IL 94/116)	16.1' RT.	694.96'
F	4+58.90 (IL 94/116)	13.0' RT.	695.41'
G	4+90.90 (IL 94/116)	12.0' RT.	696.04'
H	4+90.41 (IL 94/116)	513.14' RT.	
I	3+81.79 (IL 94/116)	96.05' RT.	



SE QUADRANT IL 94/116 & US 34

90' - 500'
9' OFFSET

US 34



SW QUADRANT IL 94/116 & US 34

70' - 501'
13' OFFSET

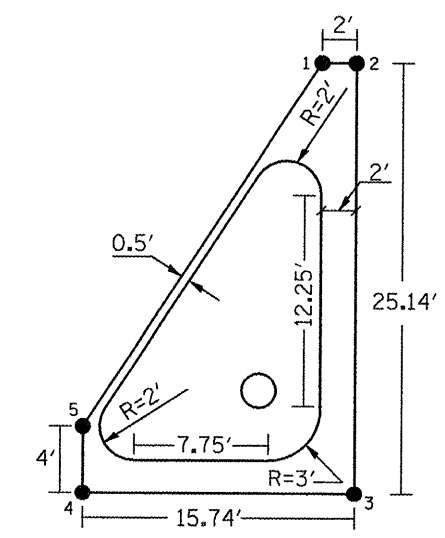
POT IL 94/116 STA. 2+76.23
US 34 STA. 764+22.90

SEE DETAL A

SE QUADRANT - IL 94/116 & US 34 INTERSECTION

POINT	STATION	OFFSET	ELEVATION AT EDGE OF PVMT
1	3+31.47 (IL 94/116)	19.84' LT.	694.91'
2	3+31.46 (IL 94/116)	17.85' LT.	694.94'
3	764+04.80 (US 34)	30.0' LT.	695.44'
4	763+89.07 (US 34)	30.0' LT.	695.36'
5	763+89.07 (US 34)	34.0' LT.	695.30'

DETAIL A
ISLAND AT THE INTERSECTION OF IL 94/116 & US 34



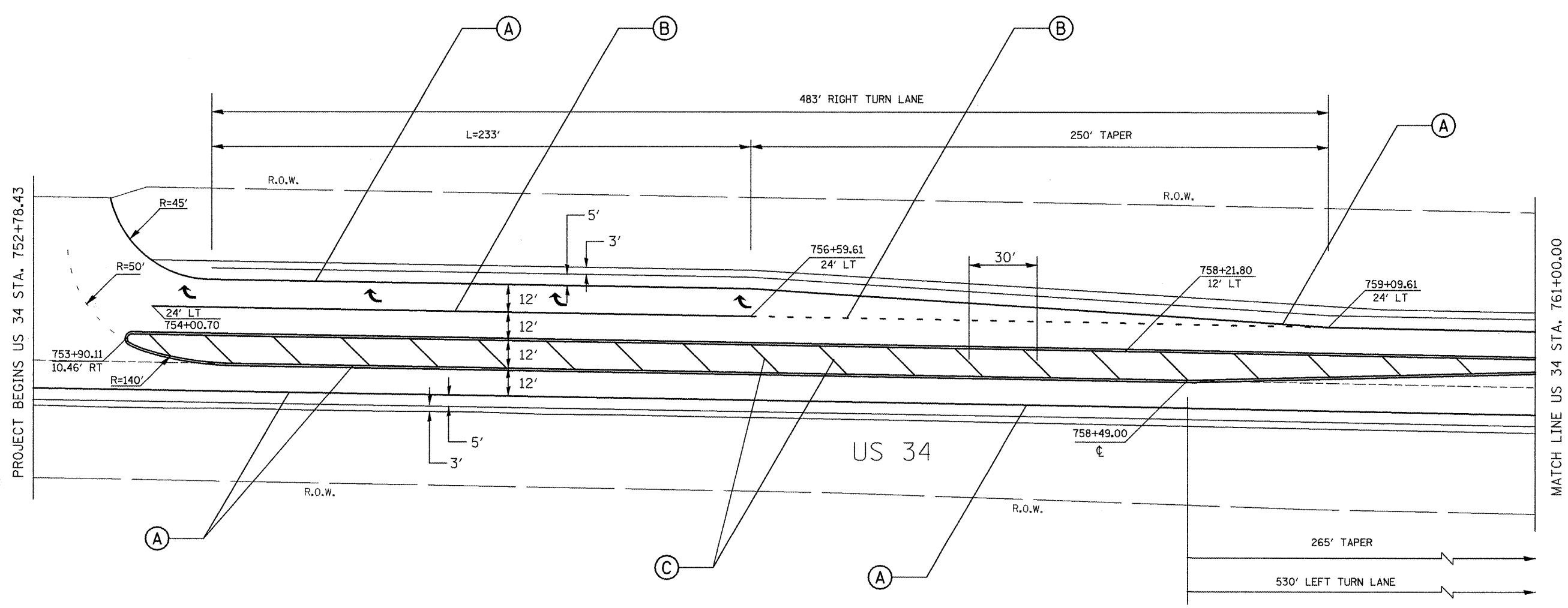
FILE NAME =
sh101.dgn

USER NAME = johnsonv	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 3/19/2009	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION AND ISLAND DETAIL
NOT TO SCALE SHEET NO. 1 OF 1 SHEETS

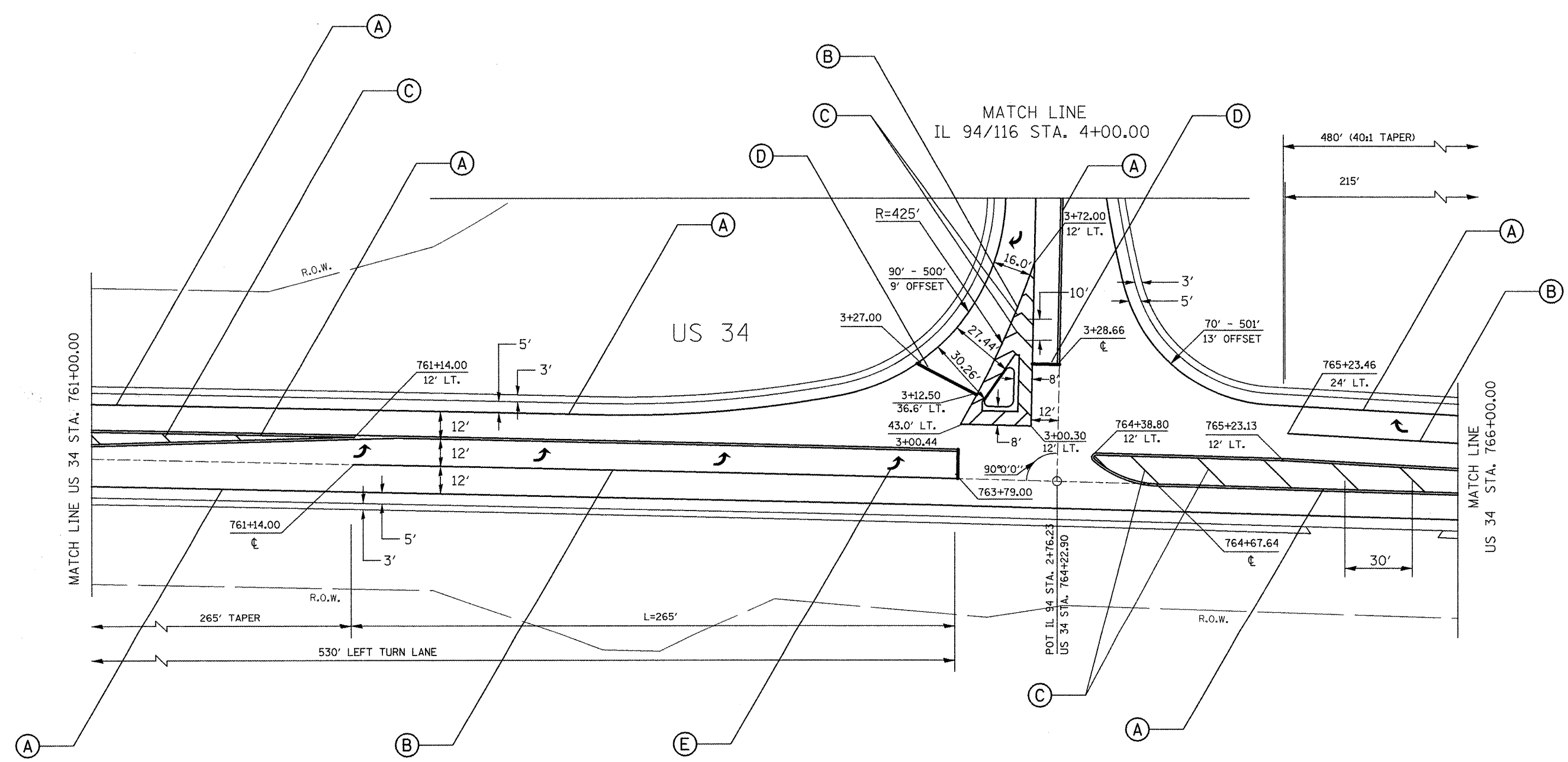
F.A.P. RTE. 313/534	SECTION 6R-1r (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 39
CONTRACT NO. 68818				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS

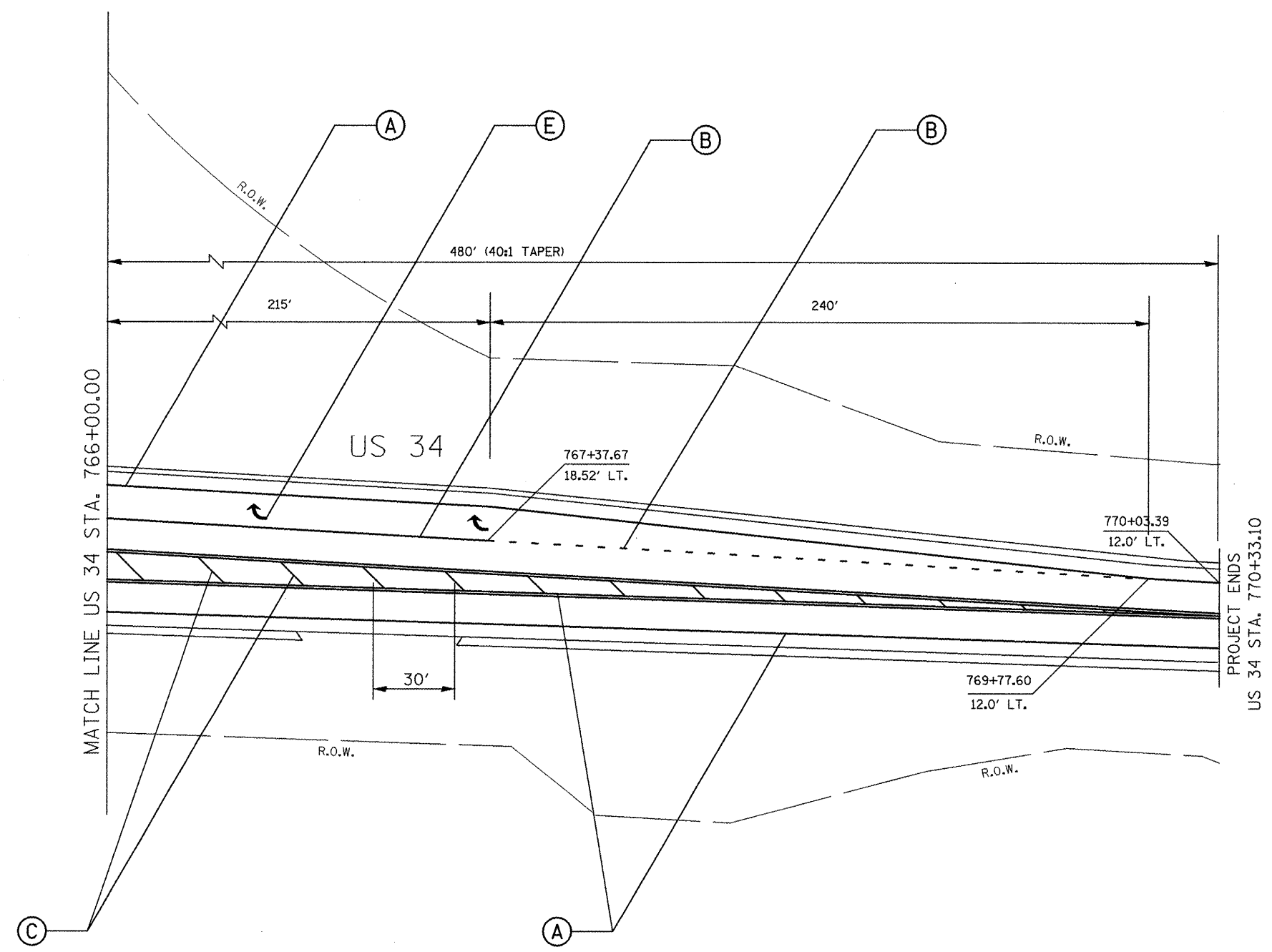
FILE NAME = sh01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -					313/534	6R-1r (109EX) R	HENDERSON	81	40
	PLOT DATE = 3/19/2009	CHECKED -	REVISED -		NOT TO SCALE SHEET NO. 1 OF 4 SHEETS STA. 753+00.00 TO STA. 761+00.00			CONTRACT NO. 68818		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
		DATE -	REVISED -									



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS

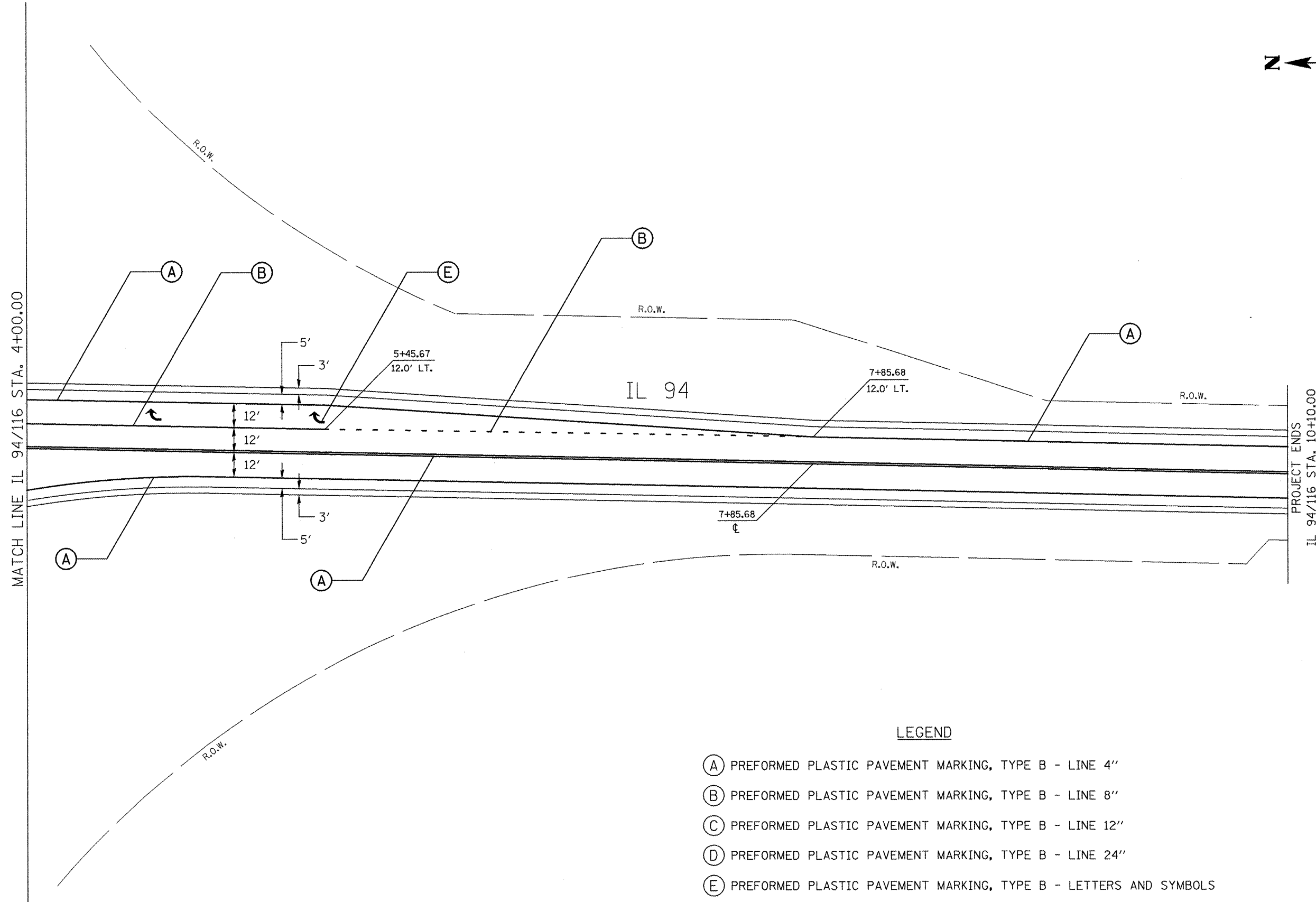
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	PLOT SCALE = 100,0000 "/ IN.	CHECKED -	REVISED -				613/534	6R-1 ₁ (109EX) R	HENDERSON	81	41
PLOT DATE = 3/19/2009	DATE -	REVISED -	REVISED -	NOT TO SCALE SHEET NO. 2 OF 4 SHEETS STA. 761+00.00 TO STA. 766+00.00		CONTRACT NO. 68818		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



LEGEND

- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS

FILE NAME = sh101.dgn	USER NAME = johnantv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -				313/534	6R-1; (109EX) R	HENDERSON	81	42
PLLOT DATE = 3/19/2009	DATE -	CHECKED -	REVISED -	NOT TO SCALE SHEET NO. 3 OF 4 SHEETS STA. 766+00.00 TO STA. 770+03.39		CONTRACT NO. 68818		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



LEGEND

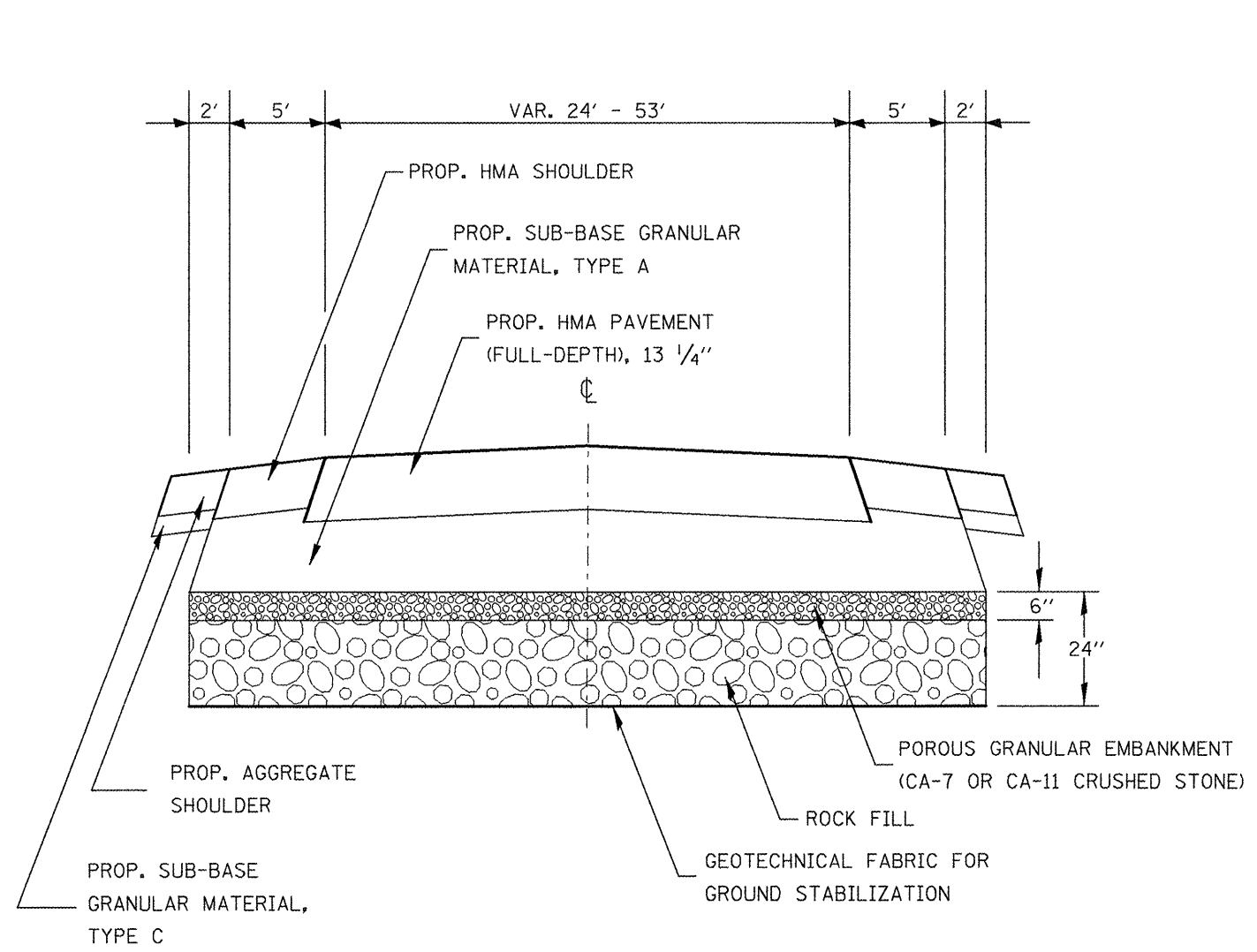
- (A) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"
- (B) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"
- (C) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"
- (D) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS

FILE NAME = sh101.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2009	DATE -	REVISED -

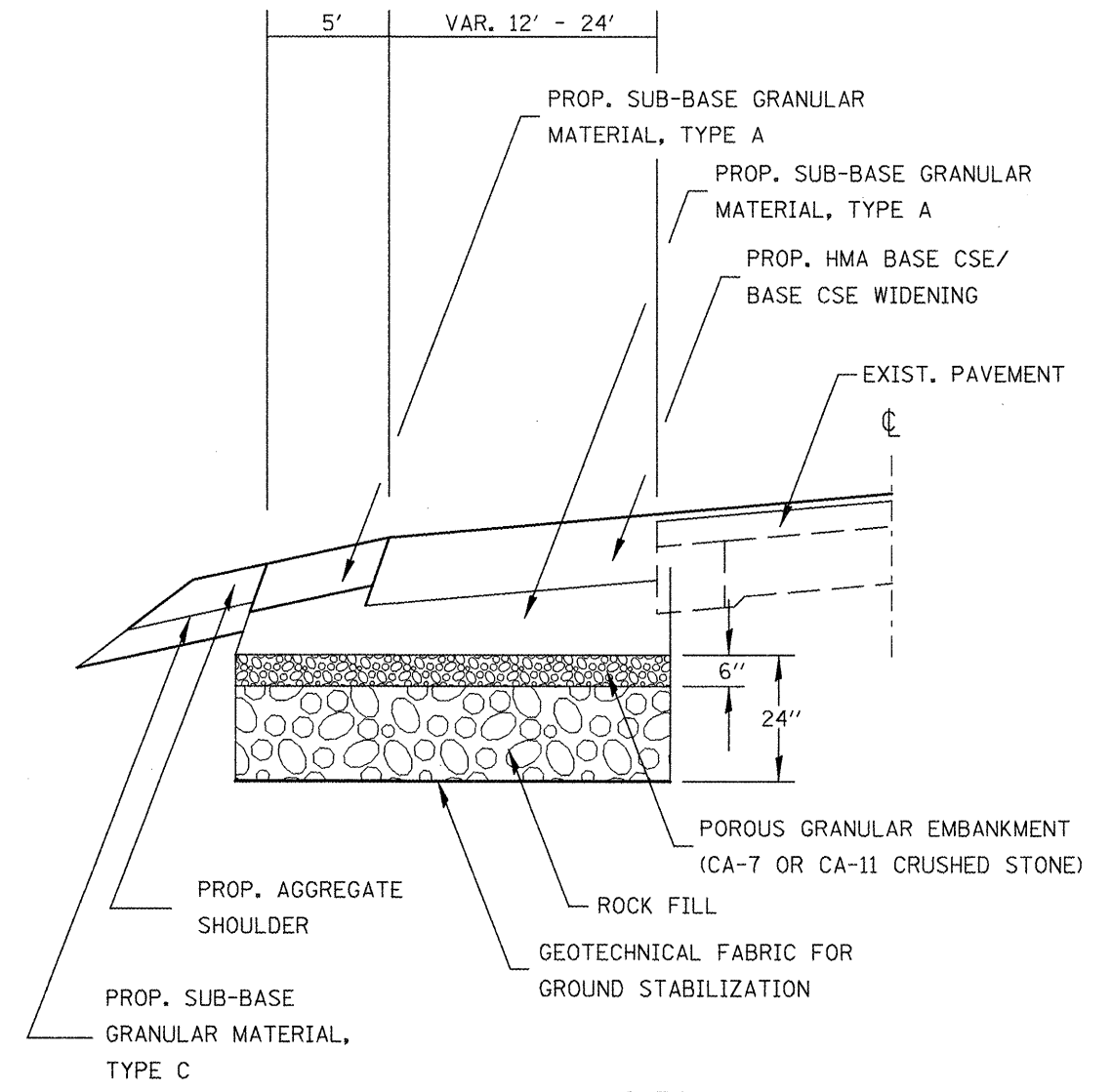
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN		
NOT TO SCALE	SHEET NO. 4 OF 4 SHEETS	STA. 4+00.00 TO STA. 10+30.00

F.A.P. RTE. 913/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 43
CONTRACT NO. 68818				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



IL 94/116
STA. 3+75.00 TO STA. 4+75.00



US 34
STA. 764+50.00 TO STA. 766+00.00

NOTES:

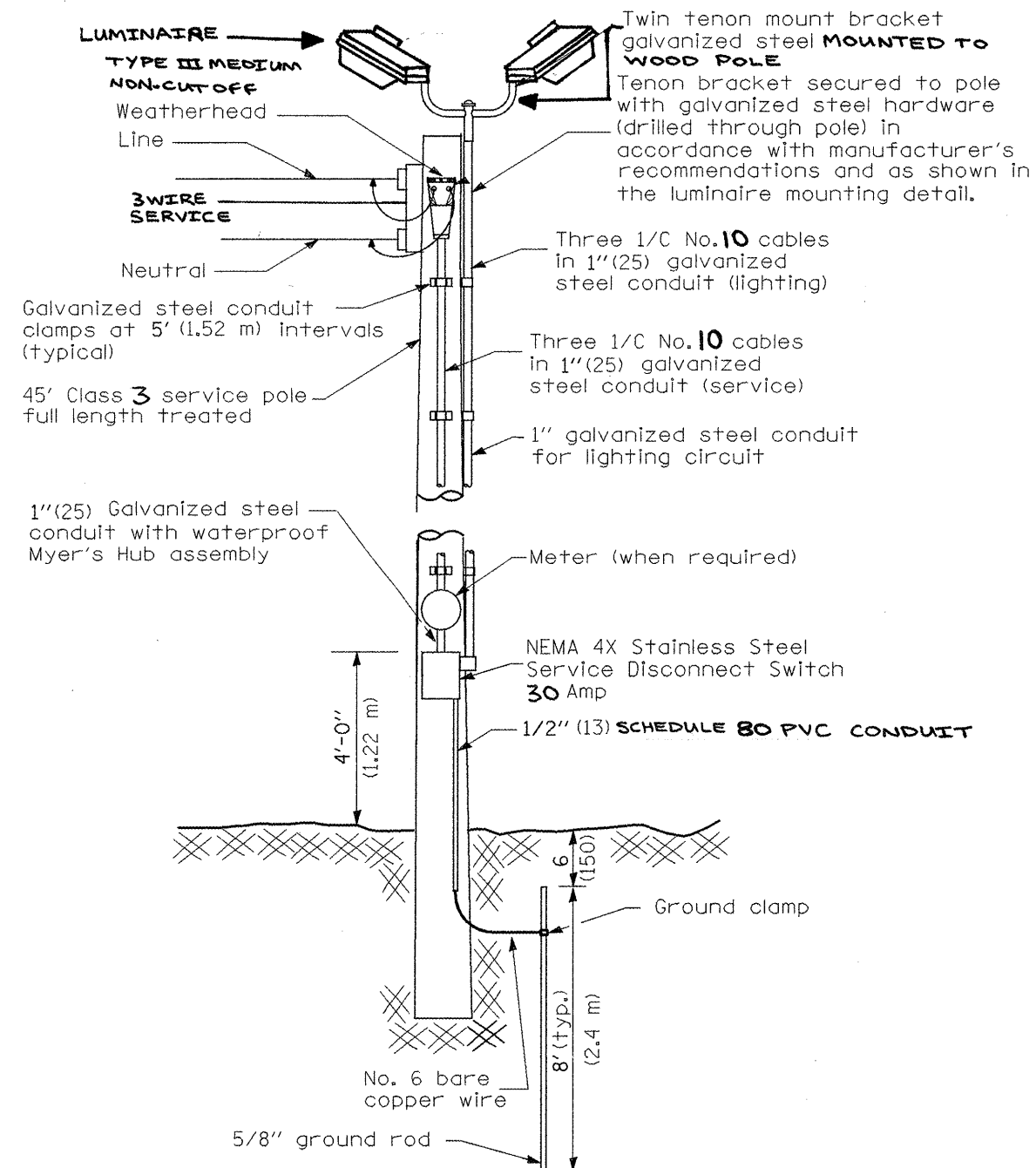
1. IF BASE OF THE UNDERCUT HAS AN IBV OF 3 OR GREATER, SUITABLE ON-SITE SOILS MAY BE USED TO BACKFILL THE UNDERCUT.
2. IF BASE OF THE UNDERCUT HAS AN IBV OF 3 OR LESS, REFER TO THE UNSUITABLE EXCAVATION DETAIL.
3. ACTUAL LOCATION AND THICKNESS OF THE UNDERCUT IS TO BE VERIFIED IN THE FIELD BY THE ENGINEER.

FILE NAME = sh101.dgn	USER NAME = johnsantv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UNSUITABLE EXCAVATION TREATMENT DETAIL			F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 44
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		NOT TO SCALE	SHEET NO. 1 OF 1 SHEETS	STA. 3+75.00 TO STA. 4+75.00	CONTRACT NO. 68818				
	PLOT DATE = 3/19/2009	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

INSTALLATION NOTES

1. The wood pole shall be located outside of the clear zone. The Contractor shall obtain location verification from the Engineer prior to installation.
2. The Contractor shall provide a twin tenon bracket assembly, guy wires, and all other items required to complete the installation.
3. The twin tenon bracket shall be designed and manufactured for twin 45 kg (100 lb.) luminaires having an effective projected area each of 0.36 sq m (3.85 sq ft). Catalog cut sheets for the bracket shall be submitted to the Engineer as part of the data and product information submitted for approval.
4. The tenon shall extend 150 mm (6 in.) above the pole top and meet AASHTO loading requirements for the luminaires referenced above.

ELECTRICAL SERVICE INSTALLATION DETAIL



All dimensions are in millimeters (inches)
unless otherwise shown.

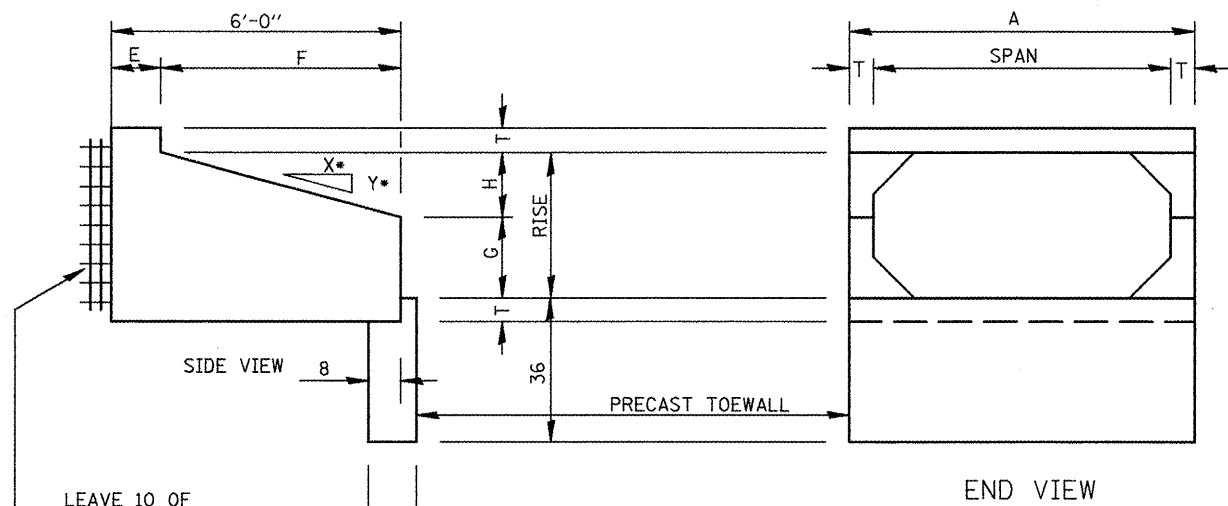
FILE NAME = sht01.dgn	USER NAME = Johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

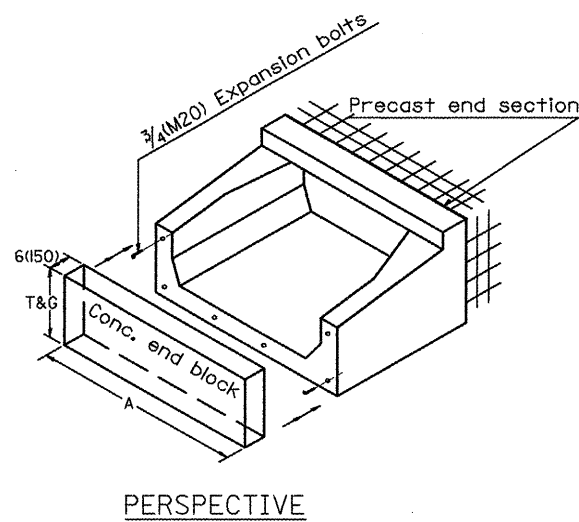
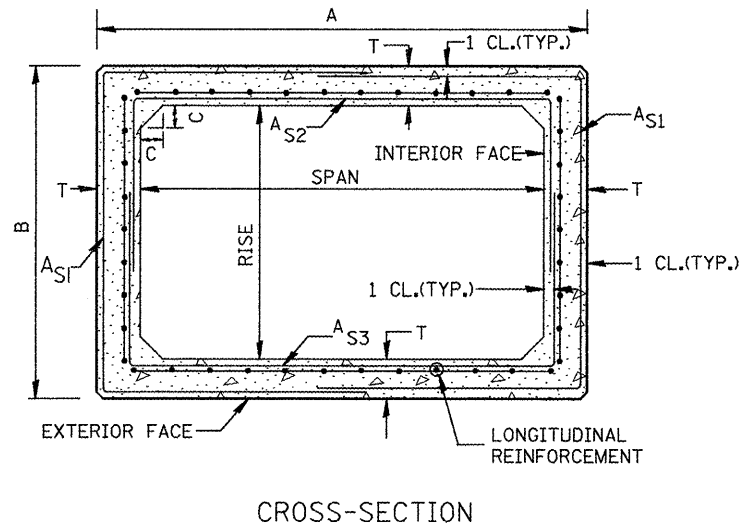
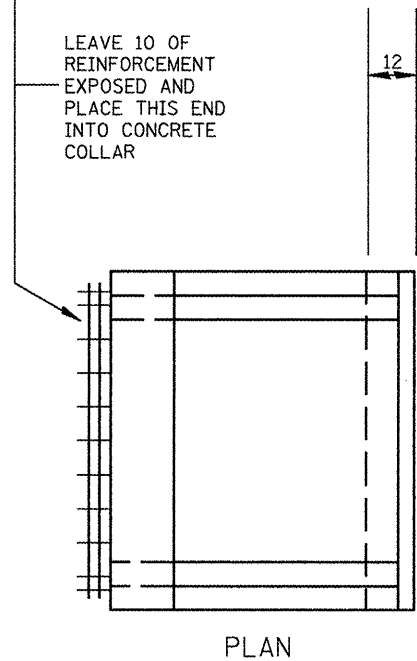
ELECTRICAL SERVICE INSTALLATION DETAIL

NOT TO SCALE | SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE. 313/534	SECTION 6R-1; (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 45
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				



LEAVE 10 OF REINFORCEMENT EXPOSED AND PLACE THIS END INTO CONCRETE COLLAR



SPAN X RISE	T	A	B	C	E	F	G	H	SLOPE (Y : X)
2'x2'	4"	2'-8"	2'-8"	4"	36"	3'-0"	12"	12"	1 : 3
3'x3'	4"	3'-8"	3'-8"	4"	24"	4'-0"	20"	16"	1 : 3

GENERAL NOTES:

1. THE AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLES 1003.02 AND 1004.02 OF THE STANDARD SPECIFICATIONS. THE GRADATION REQUIREMENTS DO NOT APPLY.
2. THE EXTERNAL SEALING BAND SHALL CONFORM TO ASTM C 877. THE APPROPRIATE PORTIONS OF ARTICLES 550.02(I) AND 1057.01 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
3. SHOP PLANS FOR THE PRECAST CONCRETE BOX CULVERT END SECTIONS SHALL BE SUBMITTED IN ACCORDANCE WITH ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS.
4. ALL DIMENSIONS SHALL BE VERIFIED WITH THE SUPPLIER.

FILE NAME = sh-t01.dgn	USER NAME = johnsantv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

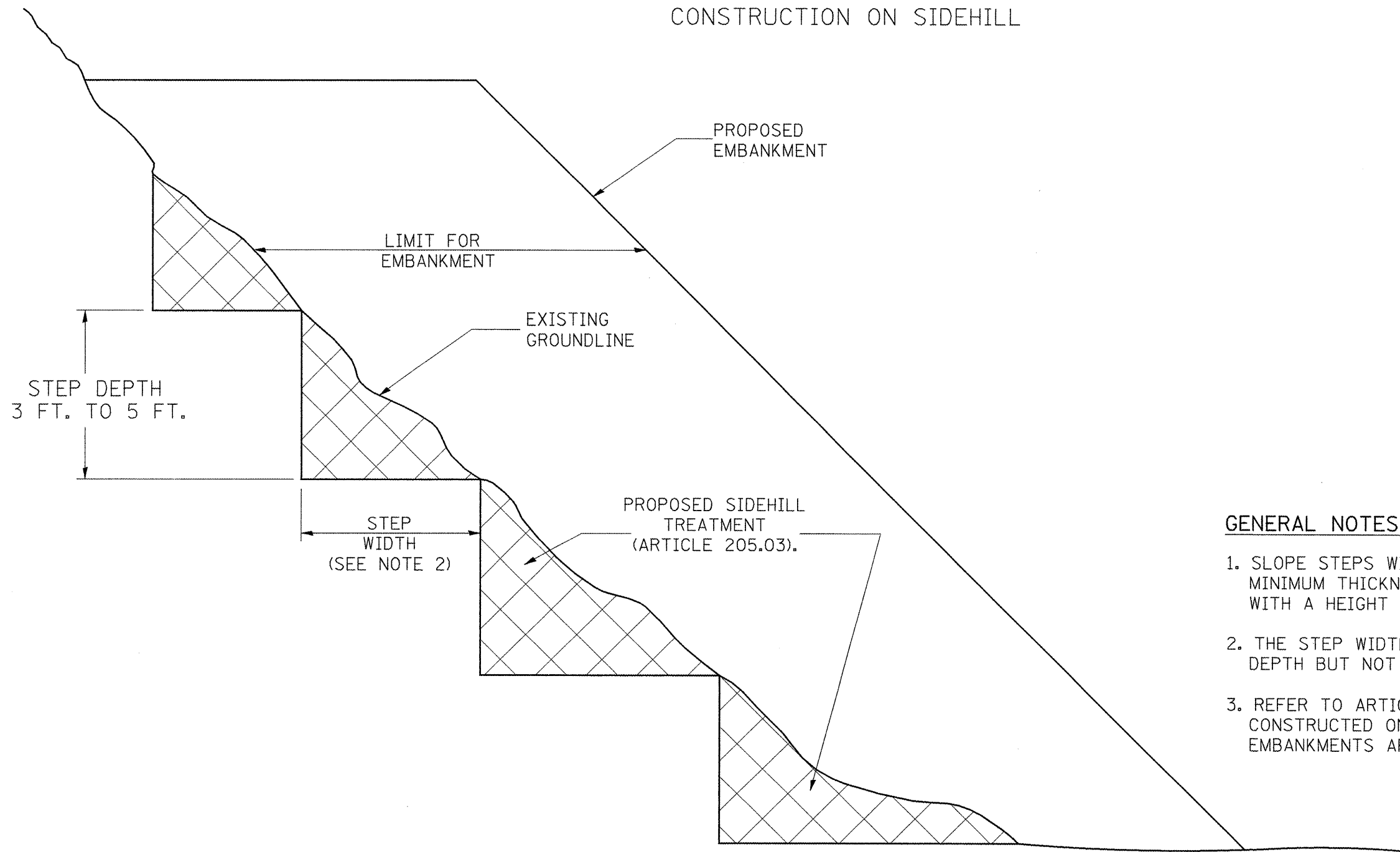
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE BOX CULVERT
END SECTION DETAIL**

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313/534	6R-1r (109EX) R	HENDERSON	81	47
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				

SLOPE STEPS DETAIL
 TYPICAL CROSS-SECTION EMBANKMENT
 CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. SLOPE STEPS WILL BE REQUIRED FOR ALL 12(300) MINIMUM THICKNESS "SILVER FILLS" AND ON A FILLS WITH A HEIGHT OF 10'(3.0M).
2. THE STEP WIDTH SHALL BE TWICE THE STEP DEPTH BUT NOT LESS THAN 6 FEET.
3. REFER TO ARTICLE 205.03 FOR EMBANKMENT TO BE CONSTRUCTED ON HILLSIDE OR SLOPES, OR IF EXISTING EMBANKMENTS ARE TO BE WIDENED.

REPLACEMENT MATERIAL:



STANDARD EMBANKMENT
 (IN ACCORDANCE WITH
 205 OF THE STANDARD SPECIFICATION).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
 UNLESS OTHERWISE NOTED.

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE	T.P.
	BOX, REVISED GENERAL NOTES.	
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

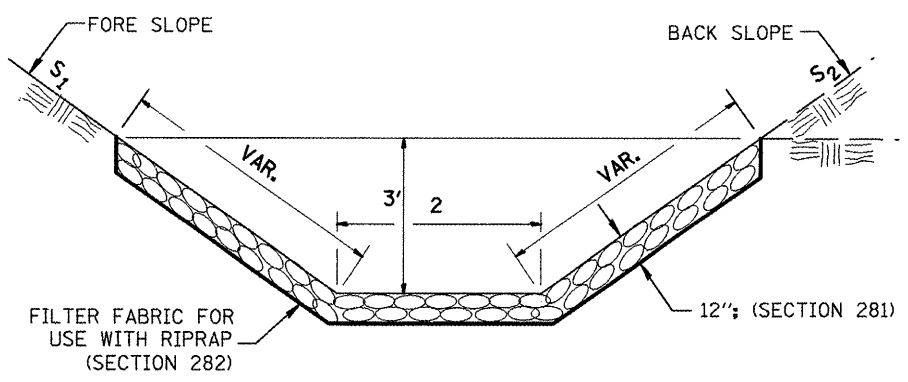
NOT TO SCALE

SLOPE STEPS DETAIL

CADD STD. 205001-D4

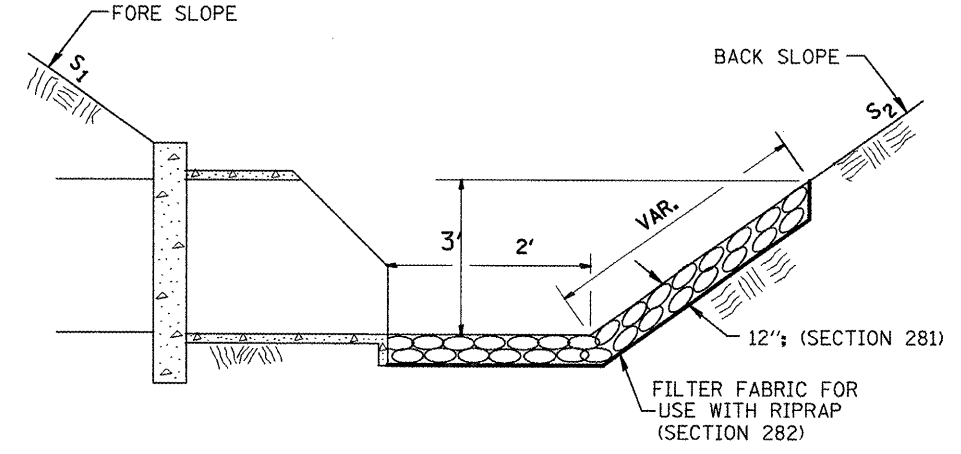
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
513/534	6R-1 ₂ (10SEX) R	HENDERSON	81	48
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68818	

**CASE 1
(DITCH)**



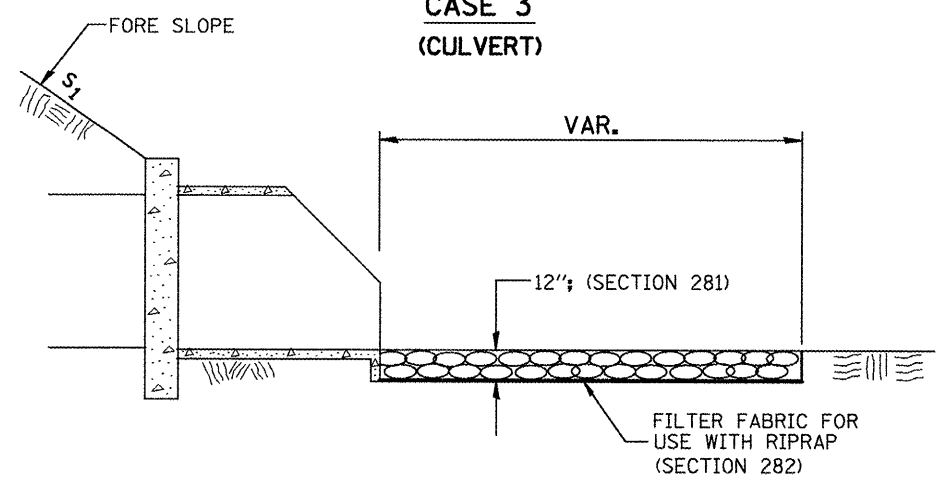
LT. STA. 761+50.00 TO STA. 762+15.82
 LT. STA. 762+25.82 TO STA. 763+00.00
 LT. STA. 767+50.00 TO STA. 768+10.90
 LT. STA. 768+20.90 TO STA. 769+00.00

**CASE 2
(CULVERT & SLOPE)**



LT. STA. 762+20.82
 LT. STA. 768+15.90

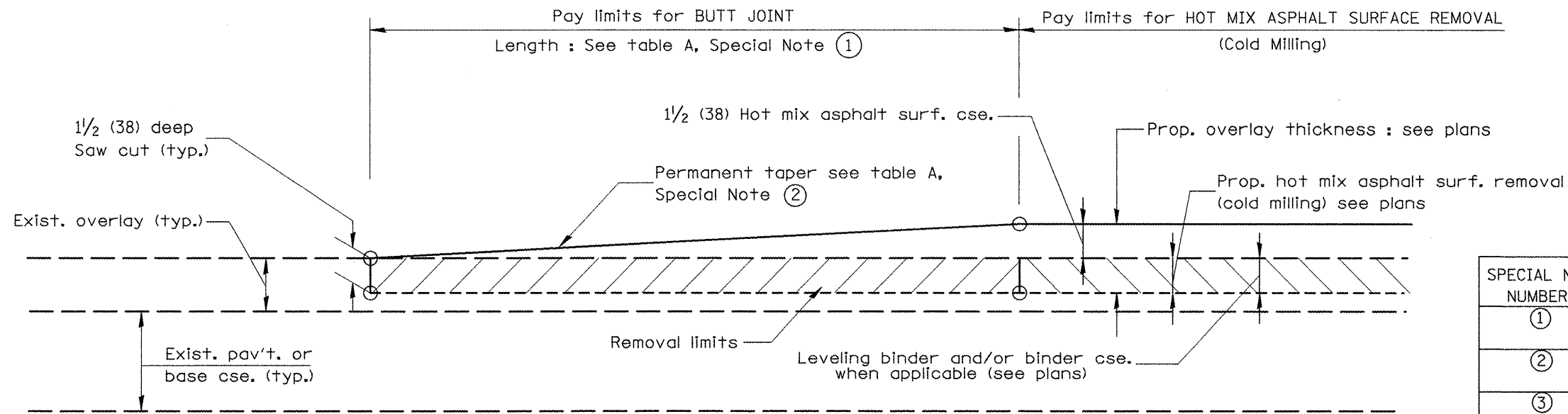
**CASE 3
(CULVERT)**



LT. STA. 7+53.00

ALL SLOPE RATIOS ARE EXPRESSED AS
 UNITS OF VERTICAL DISPLACEMENT TO
 UNITS OF HORIZONTAL DISPLACEMENT (V:H).
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
 UNLESS OTHERWISE NOTED.

FILE NAME = sh101.dgn	USER NAME = johnsonbv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIPRAP DITCH FOR EROSION PROTECTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			513/534	6R-1; (109EX) R	HENDERSON	81	49	
		CHECKED -	REVISED -			CONTRACT NO. 68818		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			NOT TO SCALE		CADD STD. 281001-D4			
		PLOT SCALE = 100.0000' / IN.									
		PLOT DATE = 3/19/2009									



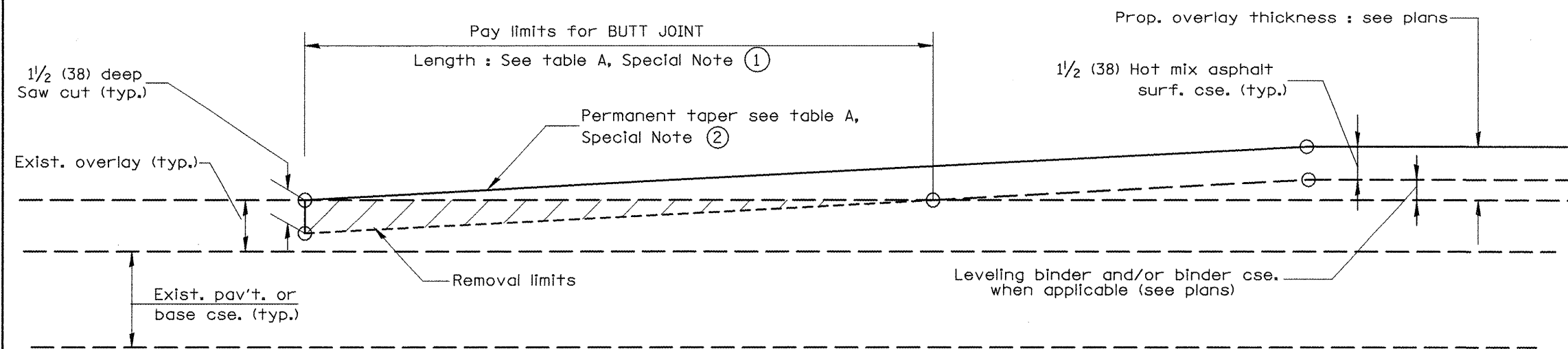
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

TABLE A
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

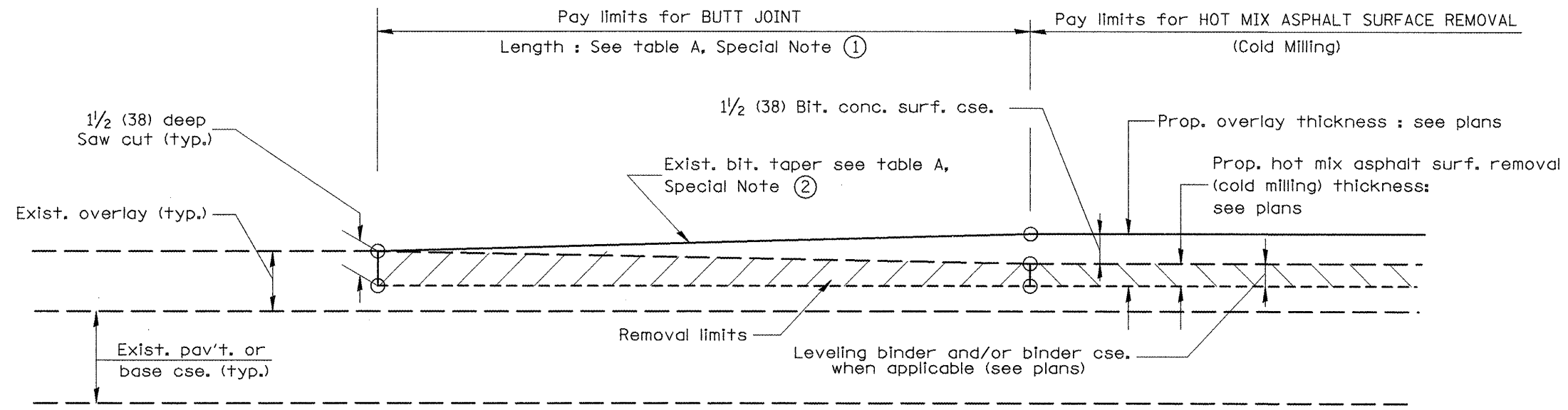
GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.

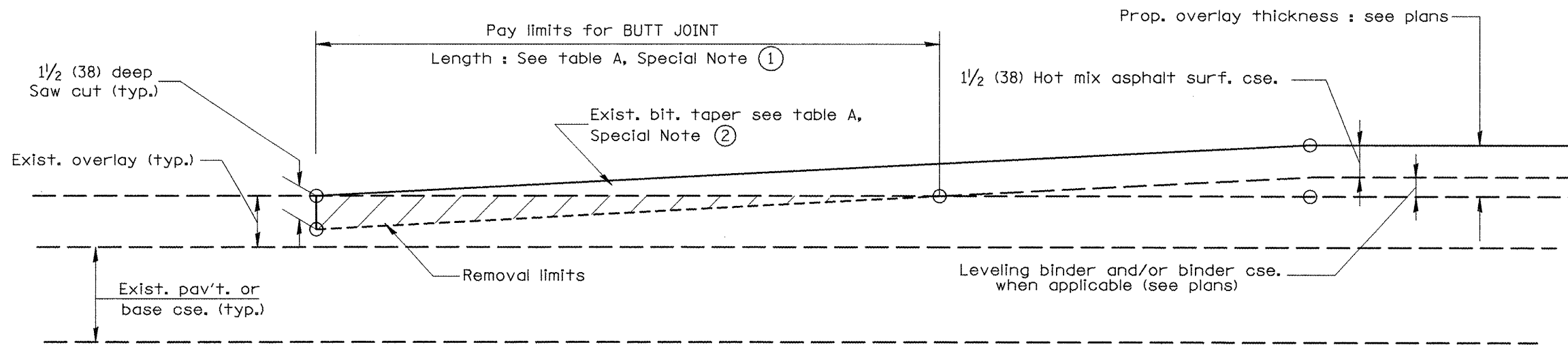


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.



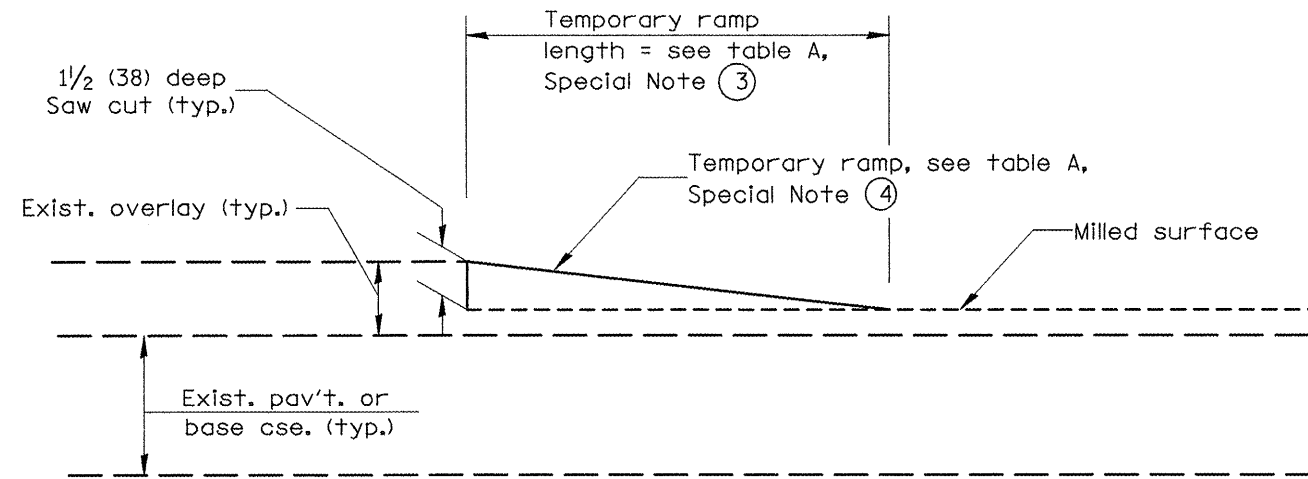
**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



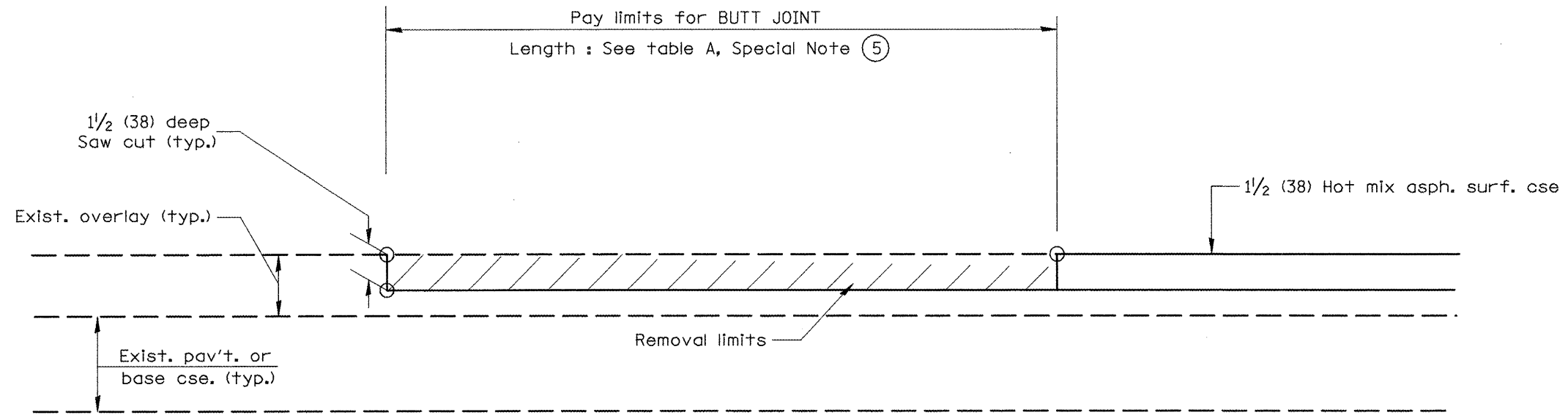
**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE NOTED.

FILE NAME = shvt01.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			313/534	6R-1 (109EX) R	HENDERSON	81	51	
		PLOT SCALE = 100,0000' / IN.	CHECKED -								CONTRACT NO. 68818
		PLOT DATE = 3/19/2009	DATE -								ILLINOIS FED. AID PROJECT
					NOT TO SCALE	SHEET NO. 2 OF 3 SHEETS		CADD STD. 406101-D4			



DETAIL TEMPORARY RAMP



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE NOTED.

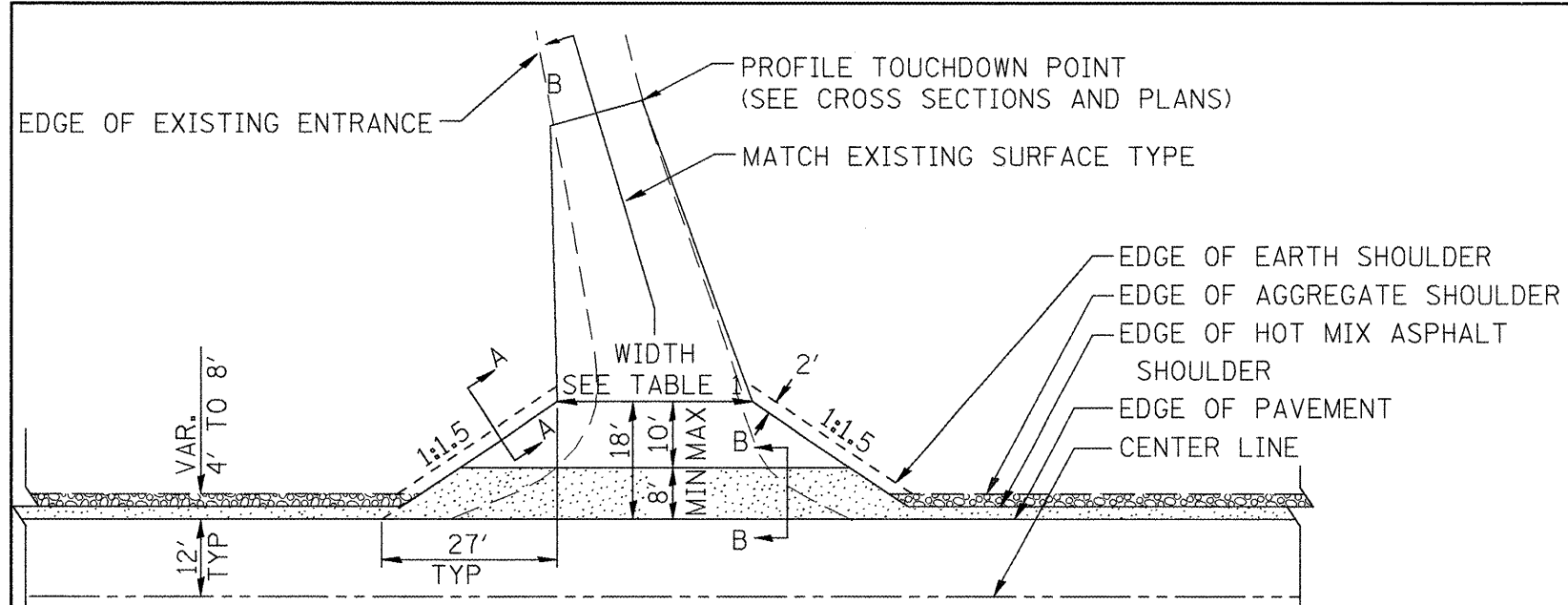
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		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS

NOT TO SCALE SHEET NO. 3 OF 3 SHEETS

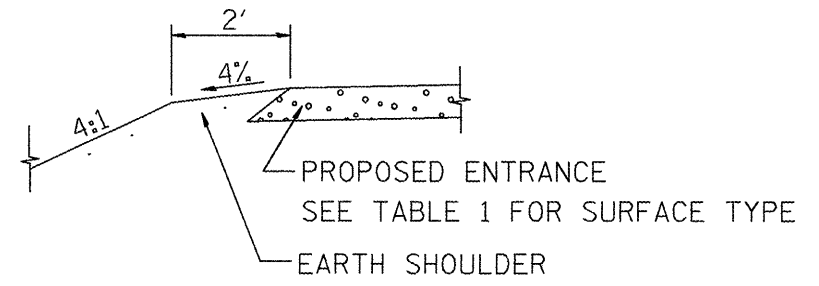
F.A.P. RTE. 513/534	SECTION 6R-1: (10EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 52
CONTRACT NO. 68818				



HOT MIX ASPHALT SHOULDER, 8"
 AGGREGATE SHOULDER, TYPE B, 6"

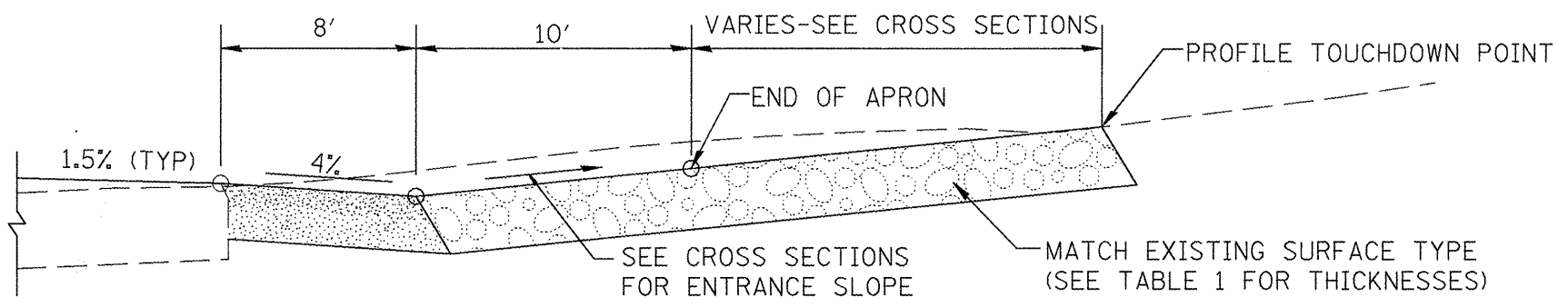
PLAN
COMMERCIAL / FARM-RELATED ENTRANCE

TABLE 1					
RURAL ENTRANCE DESIGN					
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT	COMMERCIAL	
				1-WAY OPERATION	2-WAY OPERATION
WIDTH (W)	12'(3.6m) Min.	24'(7.2m) Max.	20'(6.1m)Max.	14'(4.3m) Min.	24'(7.2m) Max.
FLARE	1:1.5				35'(10.7m) Max.
MAX. GRADE (G)	12%		12%	10%	
SURFACE TYPE					
INCIDENTAL HOT MIX ASPHALT SURFACING	6"		—	8"	
AGGREGATE SURFACE COURSE	6"		8"	8"	
PCC DRIVEWAY PAVEMENT	6"		—	7"	

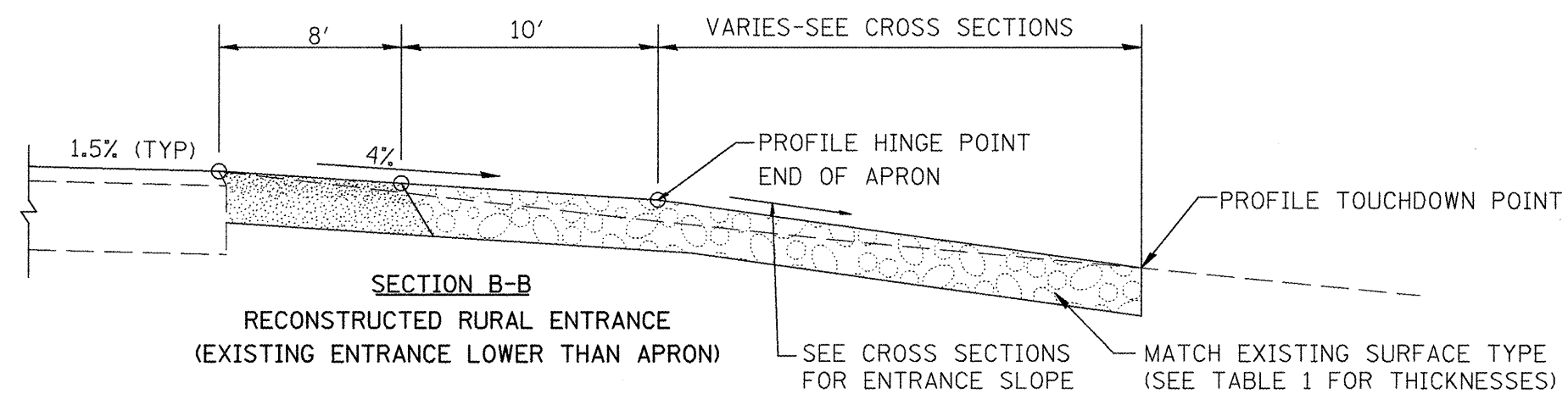


SECTION A-A
SHOULDER TREATMENT FOR RURAL ENTRANCES
GENERAL NOTES

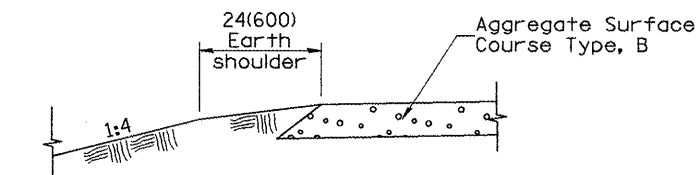
- ENTRANCES SHALL SLOPE AWAY FROM THE PAVEMENT AT A RATE EQUAL TO THE SHOULDER SLOPE FOR A MINIMUM DISTANCE OF 8'.
- A MINIMUM 8' PAVED SHOULDER SHALL BE CONSTRUCTED BETWEEN LOCATIONS WHERE THE RURAL ENTRANCE IS LESS THAN 50' FROM AN ADJACENT SIDEROAD, ENTRANCE OR MAILBOX TURNOUT.
- A TAPER RATE OF 5:1 IS DESIRABLE WHEN TRANSITING FROM THE RURAL ENTRANCE WIDTH SHOWN IN TABLE 1, TO THE EXISTING ENTRANCE WIDTH.



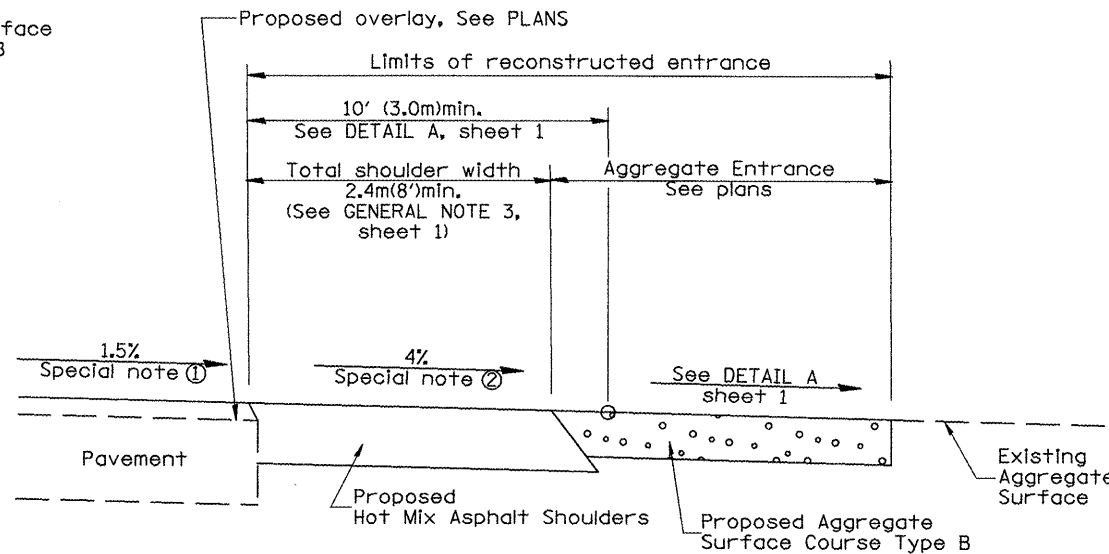
SECTION B-B
RECONSTRUCTED RURAL ENTRANCE
(EXISTING ENTRANCE HIGHER THAN APRON)



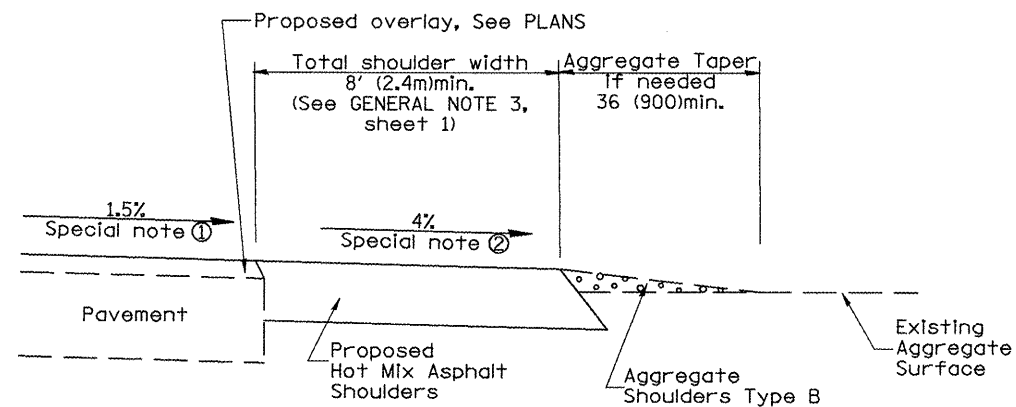
SECTION B-B
RECONSTRUCTED RURAL ENTRANCE
(EXISTING ENTRANCE LOWER THAN APRON)



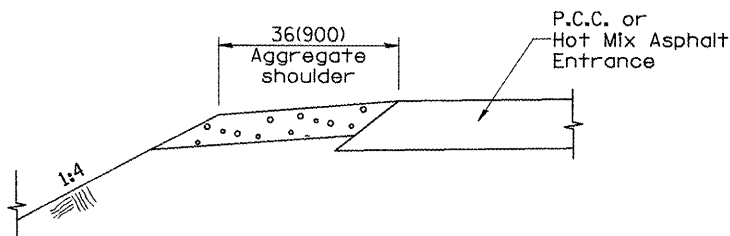
SECTION A-A
SHOULDER TREATMENT FOR AGGREGATE ENTRANCES



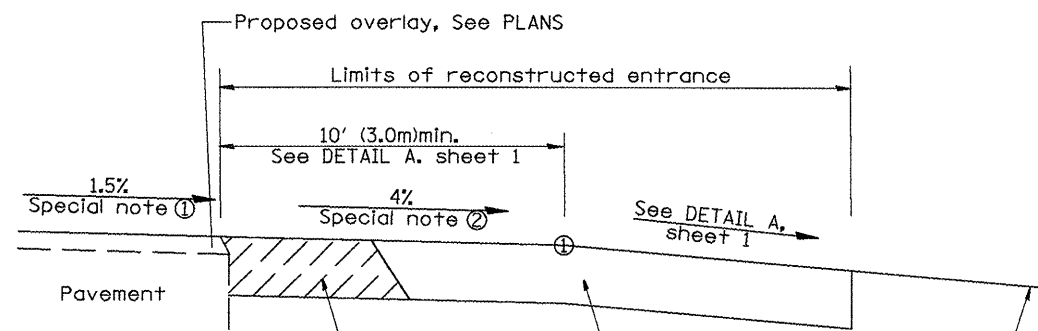
SECTION B-B
RECONSTRUCTED AGGREGATE ENTRANCE



SECTION B-B
EXISTING AGGREGATE ENTRANCE

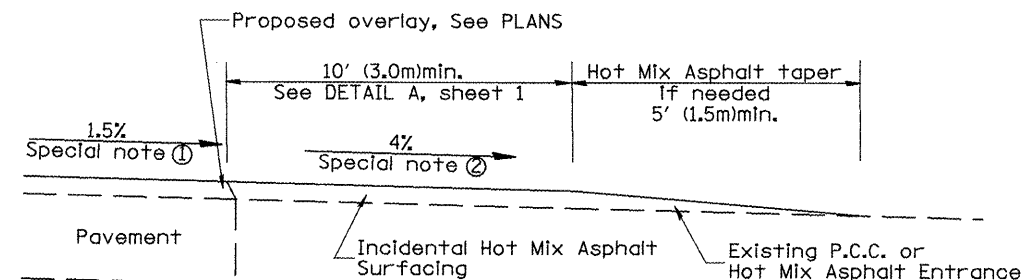


SECTION C-C
SHOULDER TREATMENT FOR P.C.C. OR HOT MIX ASPHALT ENTRANCES

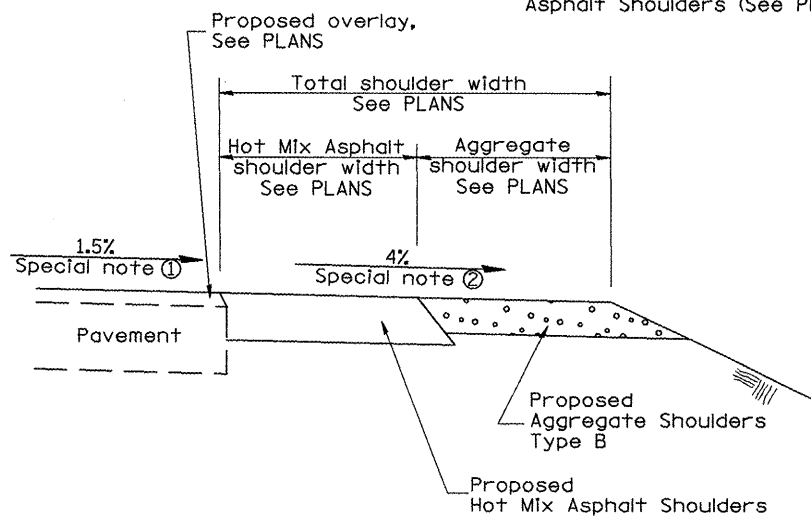


Hot Mix Asphalt Entrance - Construct this portion of entrance as Hot Mix Asphalt Shoulders (See Plan)
Proposed P.C.C. or Hot Mix Asphalt Entrance
Existing P.C.C. or Hot Mix Asphalt Entrance

SECTION D-D
RECONSTRUCTED P.C.C. OR HOT MIX ASPHALT ENTRANCE



SECTION D-D
EXISTING P.C.C. OR HOT MIX ASPHALT ENTRANCE



SECTION E-E
MAINLINE SHOULDER TREATMENT

SPECIAL NOTES

- ① THE MAINLINE PAVEMENT CROSS-SLOPE IS 1.5% FOR TANGENT ALIGNMENT. SEE PLANS FOR CROSS-SLOPE ON SUPERELEVATED HORIZONTAL CURVES.
- ② THE SHOULDER SLOPE SHALL CONTROL THE ENTRANCE PROFILE FOR A DISTANCE OF 10' (3.0M) MINIMUM FROM THE PAVEMENT EDGE. THE SHOULDER CROSS-SLOPE IS 4% FOR TANGENT ALIGNMENT. THROUGH SUPERELEVATED CURVES, THE MAXIMUM PAVEMENT-SHOULDER BREAKOVER SHOULD NOT BE GREATER THAN 10% FOR SHOULDERS 6' (1.8M) AND WIDER AND 12% FOR SHOULDERS 4' (1.2M) AND LESS. WHERE 12' (366CM) PAVED SHOULDERS ARE PROVIDED, THE BREAKOVER SHOULD BE AT THE EDGE OF THE PAVED SHOULDER RATHER THAN AT THE PAVEMENT EDGE.

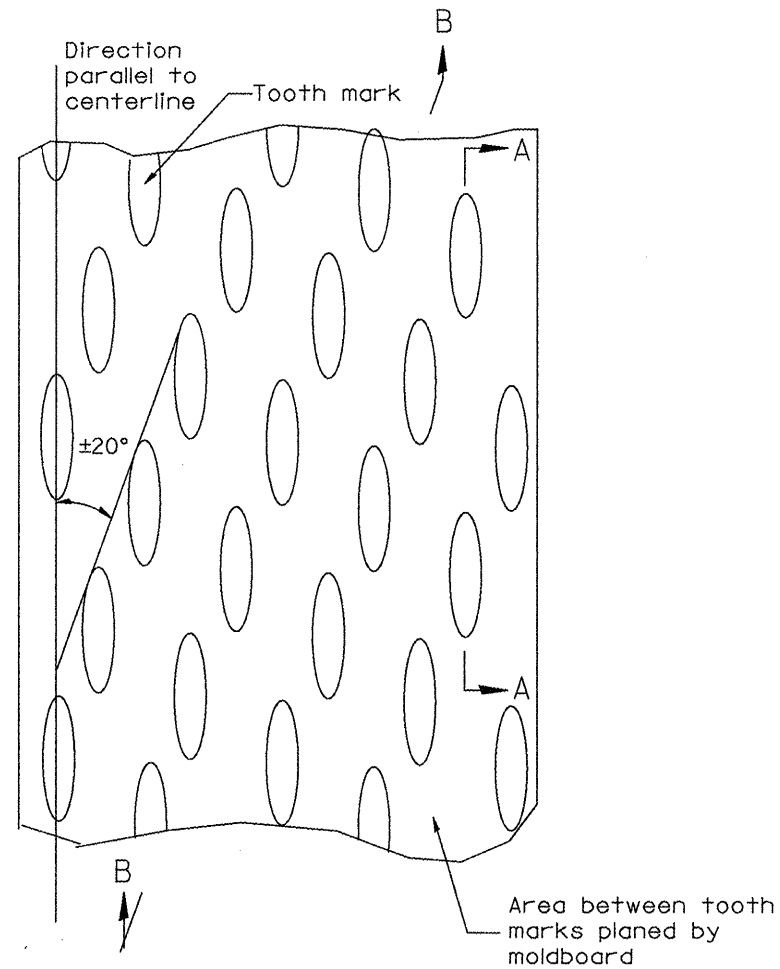
ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H). ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME = sh01.dgn	USER NAME = Johnsontv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCES FOR "3R" PROJECTS
NOT TO SCALE SHEET NO. 2 OF 2 SHEETS

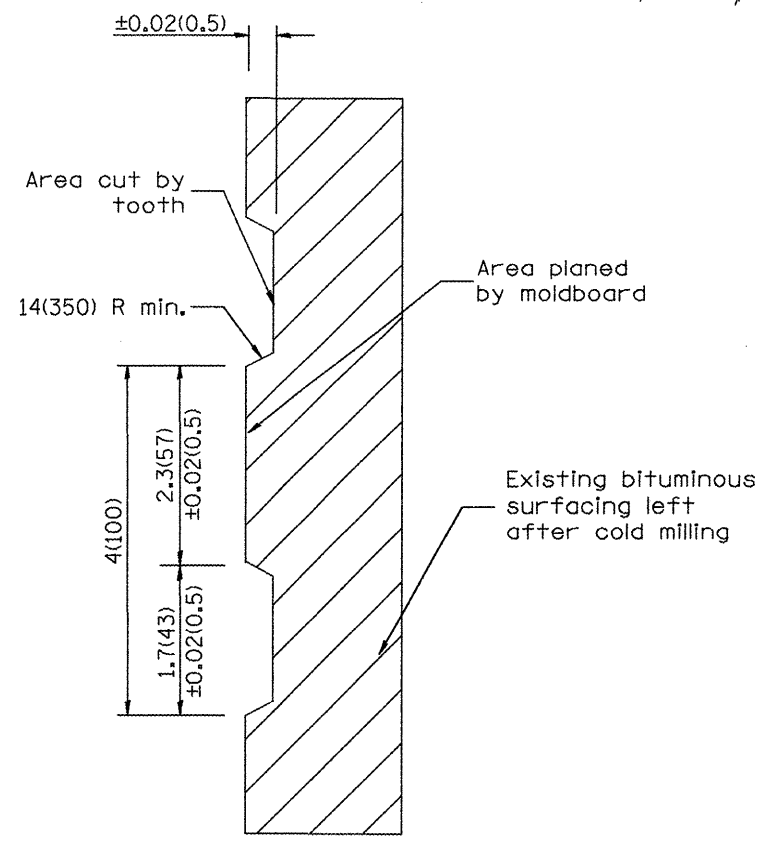
F.A.P. RTE. 313/534	SECTION 6R-1s (109EX) R	COUNTY HENDEYSON	TOTAL SHEETS 81	SHEET NO. 54
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				



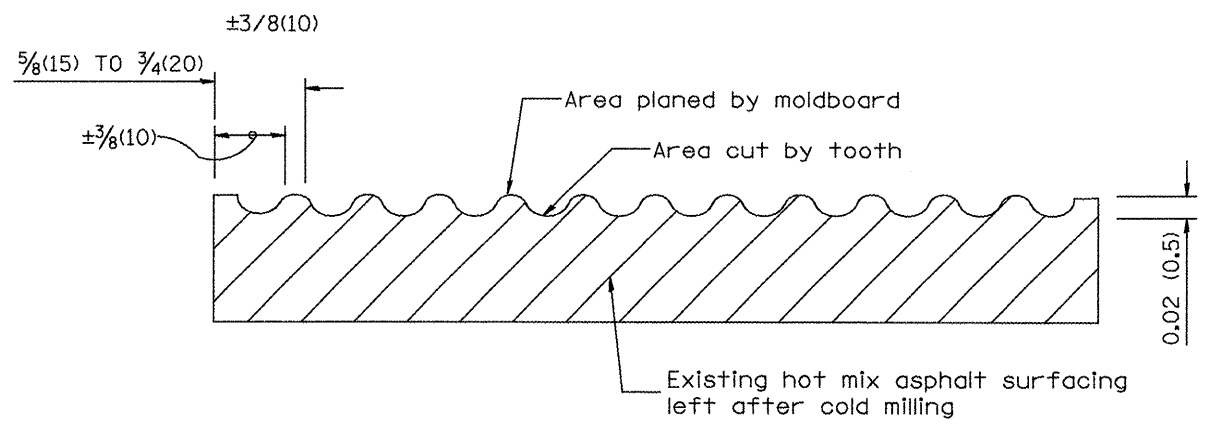
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE NOTED.

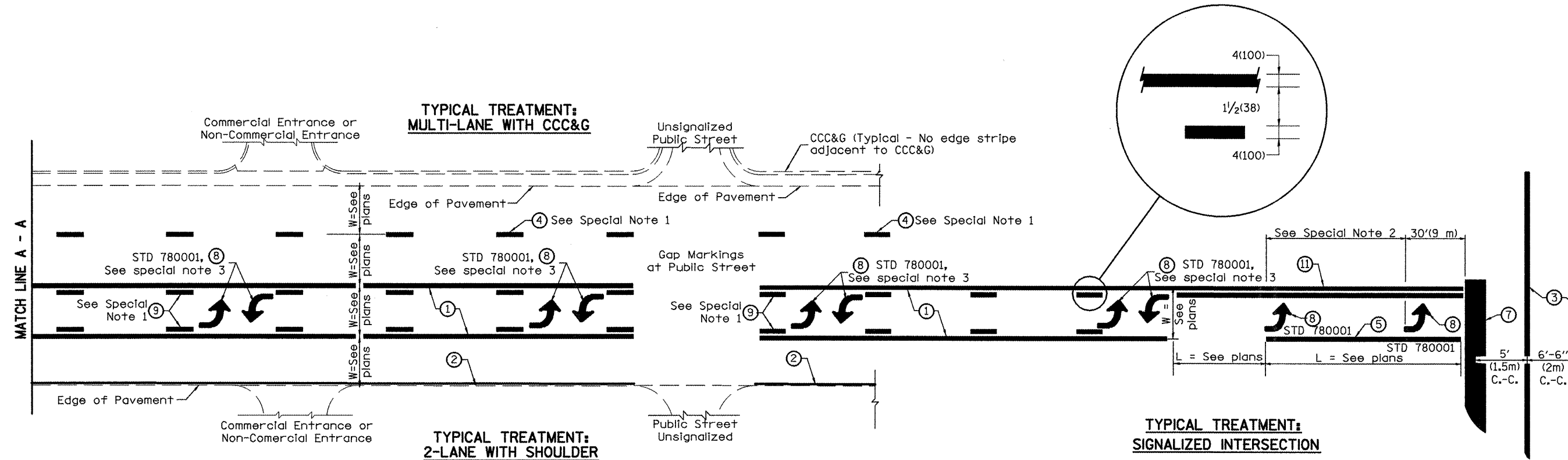
FILE NAME = sh101.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/19/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE SHEET NO. 1 OF 1 SHEETS CADD STD. 440001-04

F.A.P. RTE. 313/534	SECTION 6R-1r (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 55
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE
WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

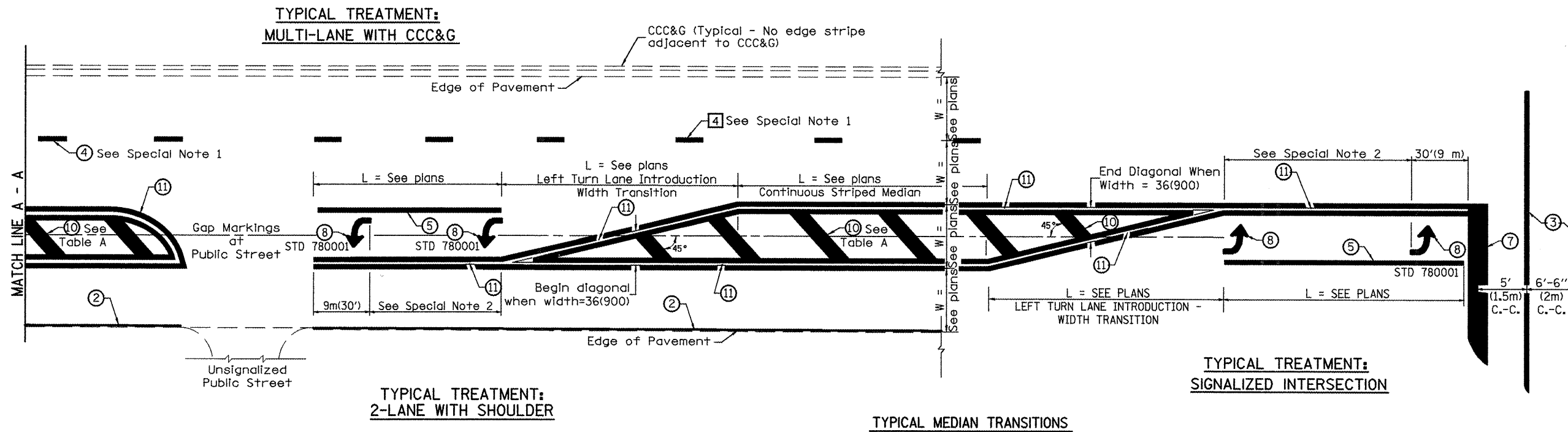
1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME = shst01.dgn	USER NAME = johnsantv	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL PAVEMENT MARKINGS	F.A.P. RTE. 313/534	SECTION 6R-1s (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 56	
	PLLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			NOT TO SCALE	SHEET NO. 1 OF 2 SHEETS	CONTRACT NO. 68818		ILLINOIS FED. AID PROJECT	
	PLLOT DATE = 3/19/2009	DATE -	REVISED -			CADD STD. 780001-D4					

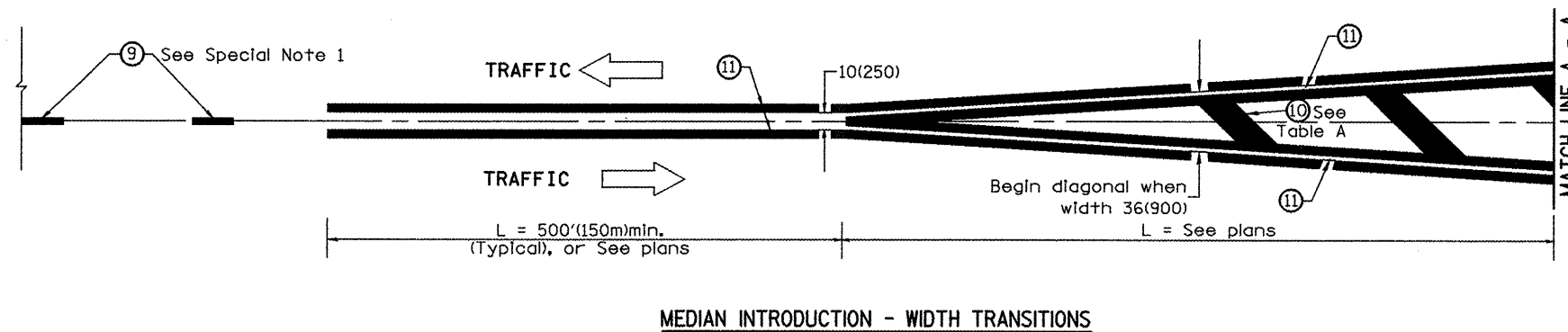


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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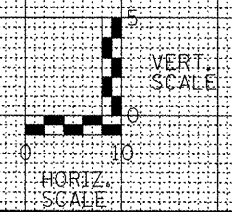
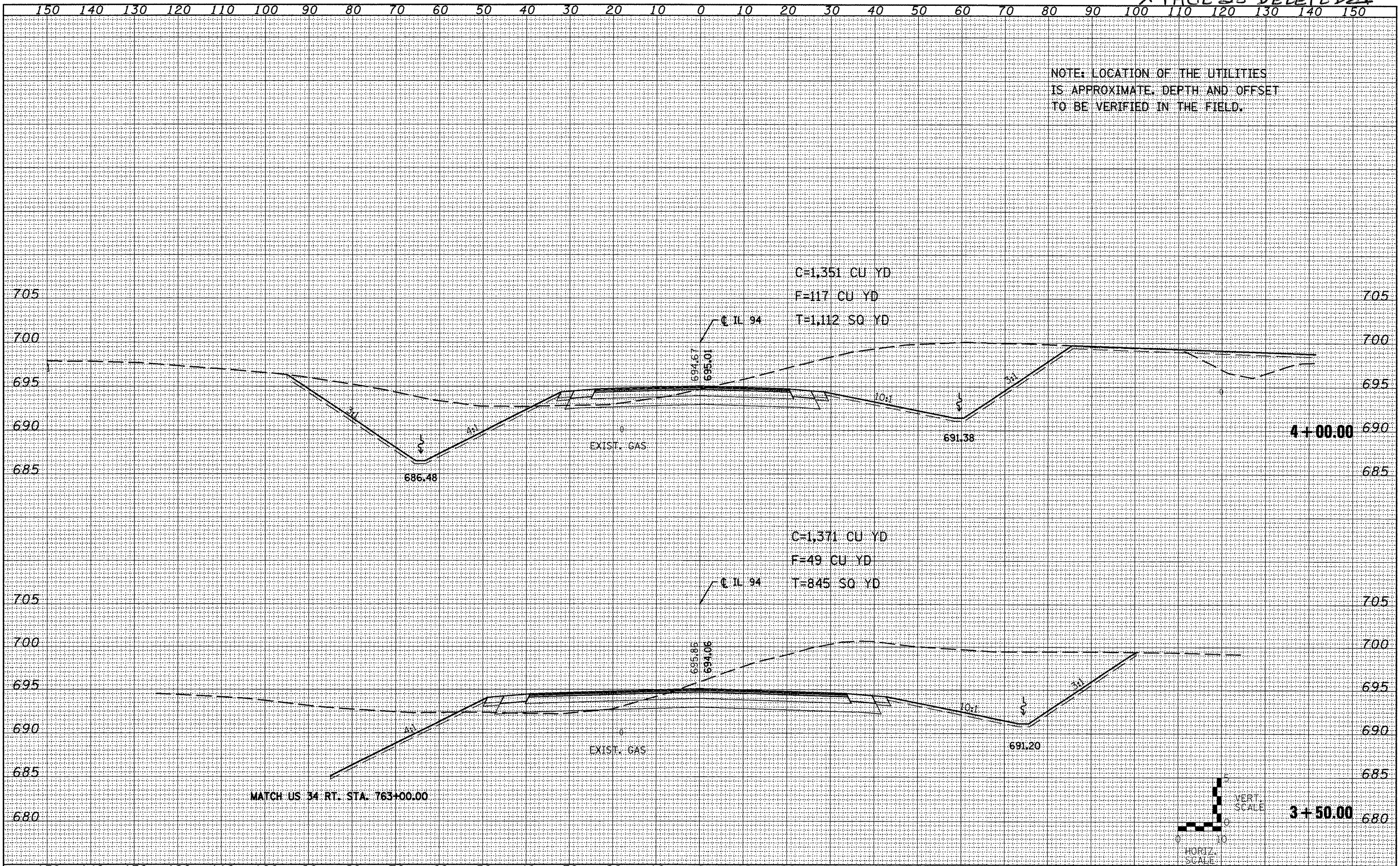
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL PAVEMENT MARKINGS

NOT TO SCALE SHEET NO. 2 OF 2 SHEETS CADD STD. 780001-D4

F.A.P. RTE. 313/534	SECTION 6R-1s (109EX) R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 57
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				

NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.



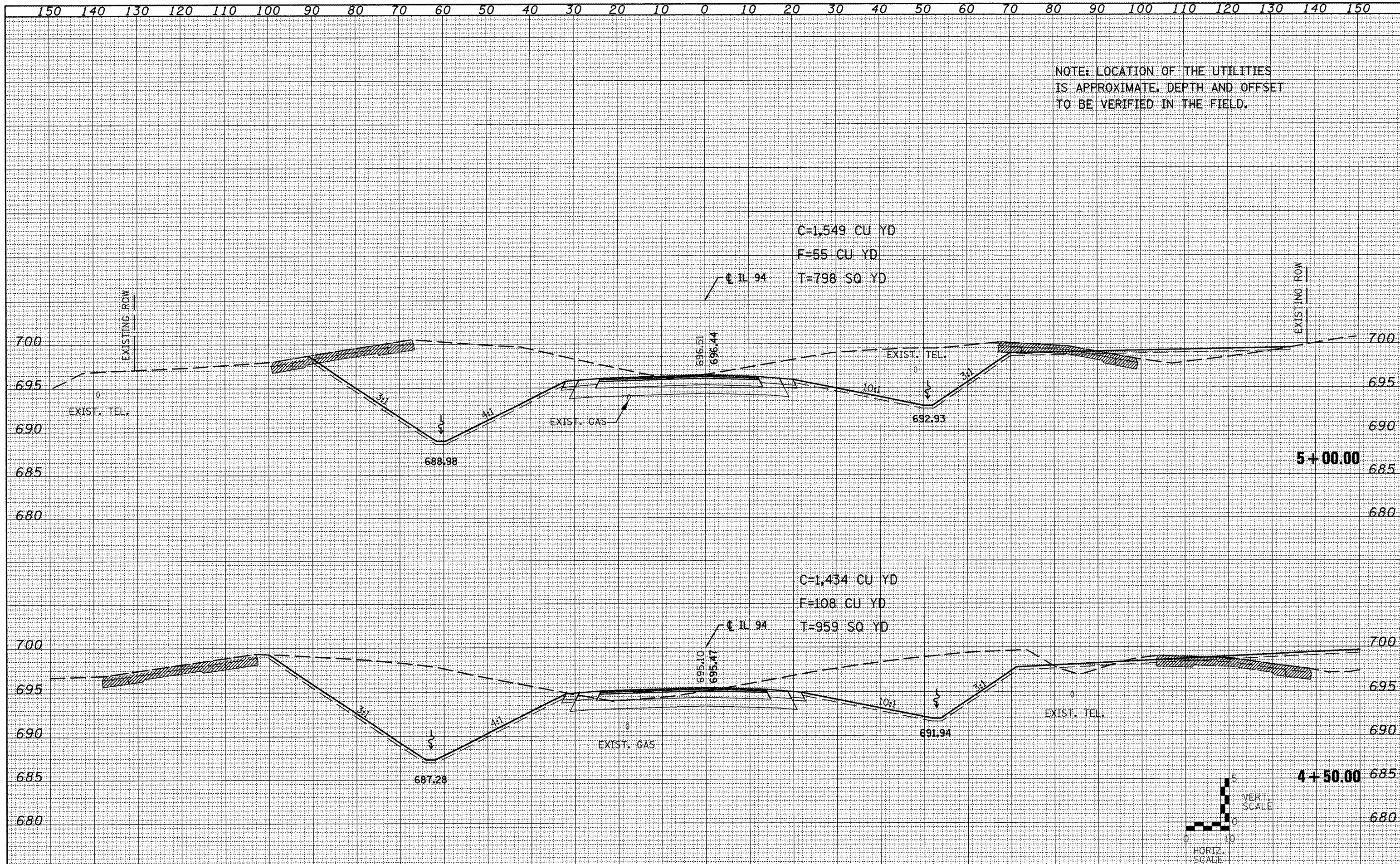
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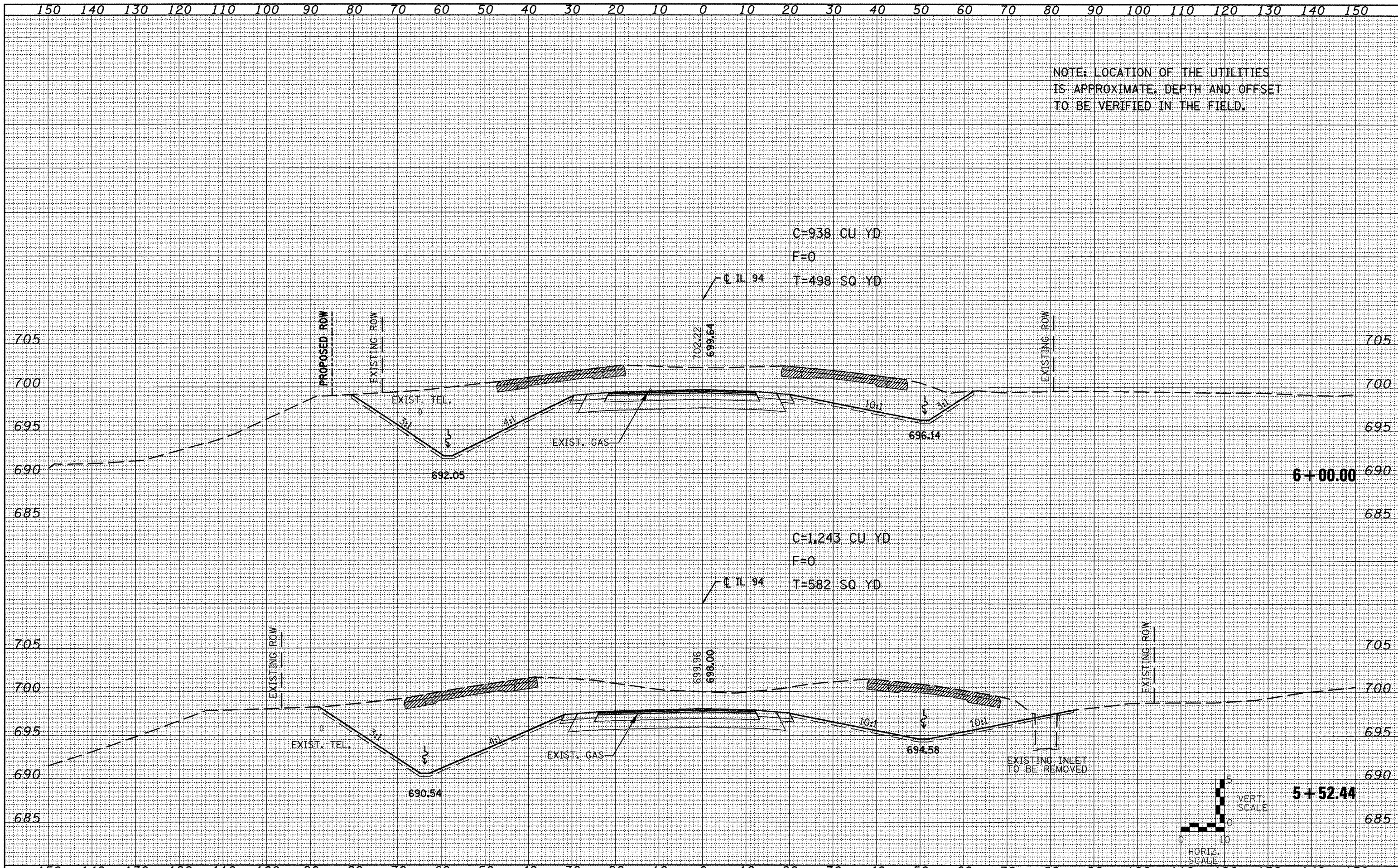
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

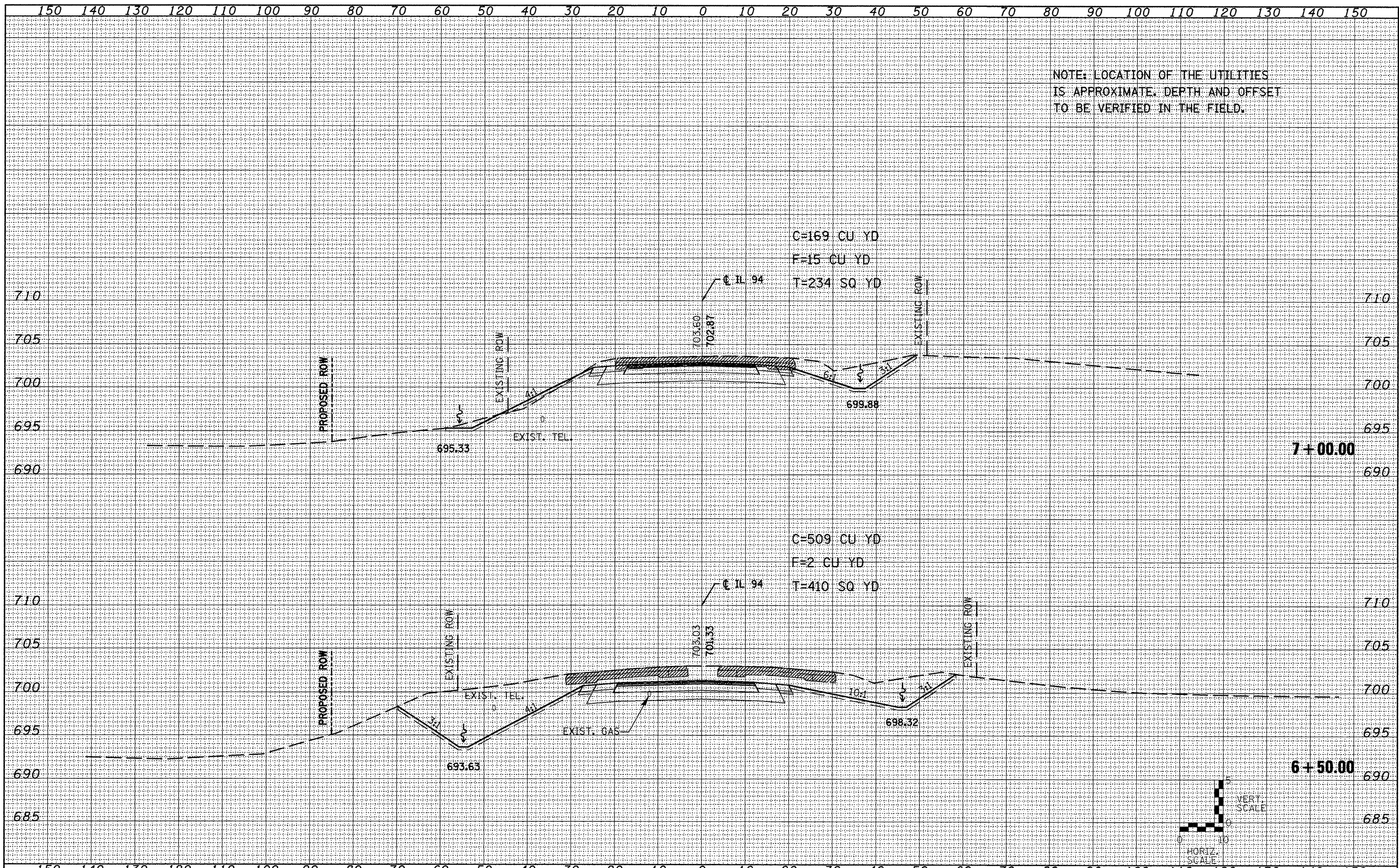
IL 94 CROSS SECTIONS
SCALE: 1"=5'H/2 1/2"V
SHEET NO. 1 OF 8 SHEETS
STA. 3+50.00 TO STA. 4+00.00

F.A.P. RTE. 313/534	SECTION 6R-1; (109EX)R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 59
CONTRACT NO. 68818			★	

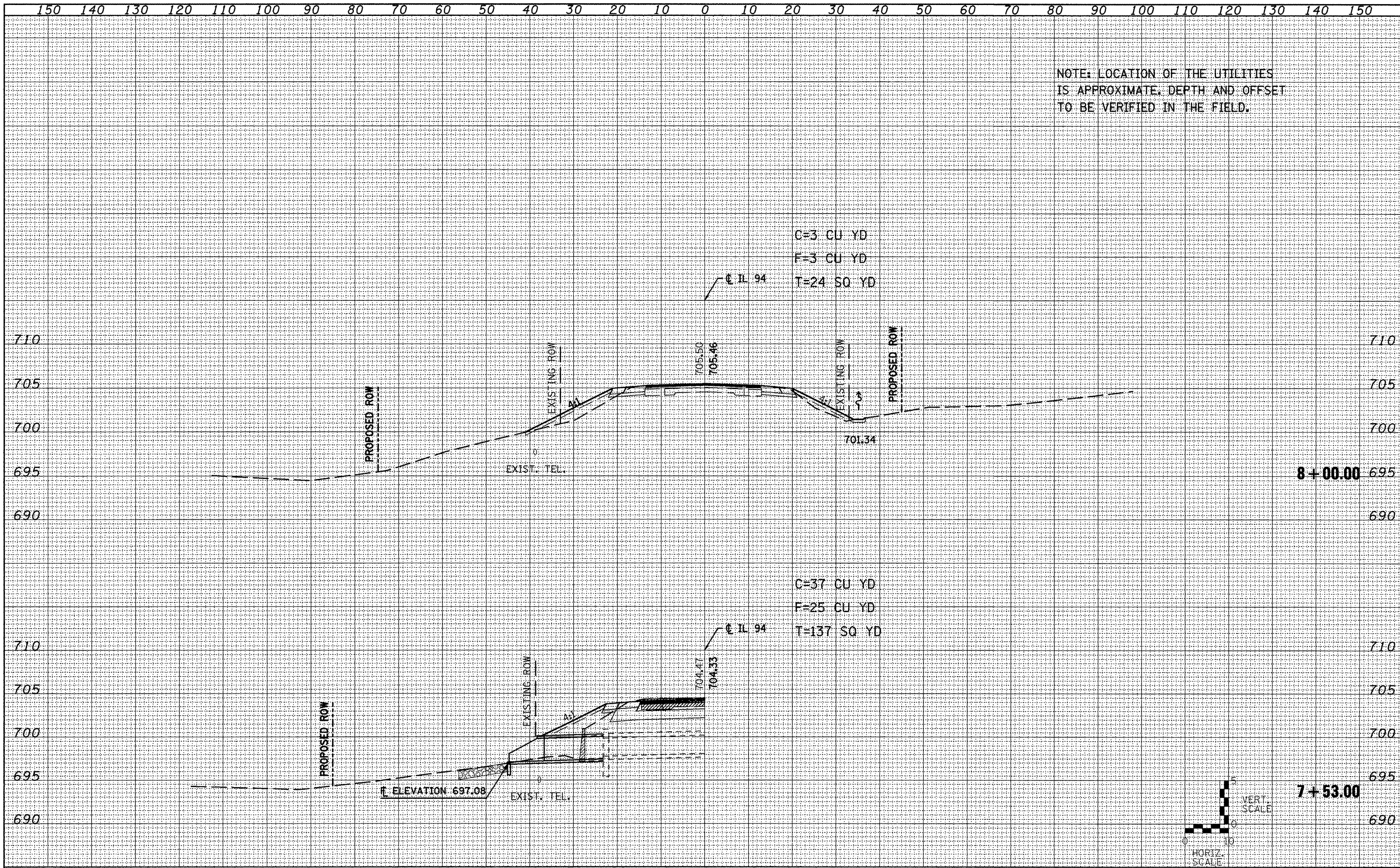




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		DATE -	REVISED -									



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PLT DATE = 3/19/2009	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							



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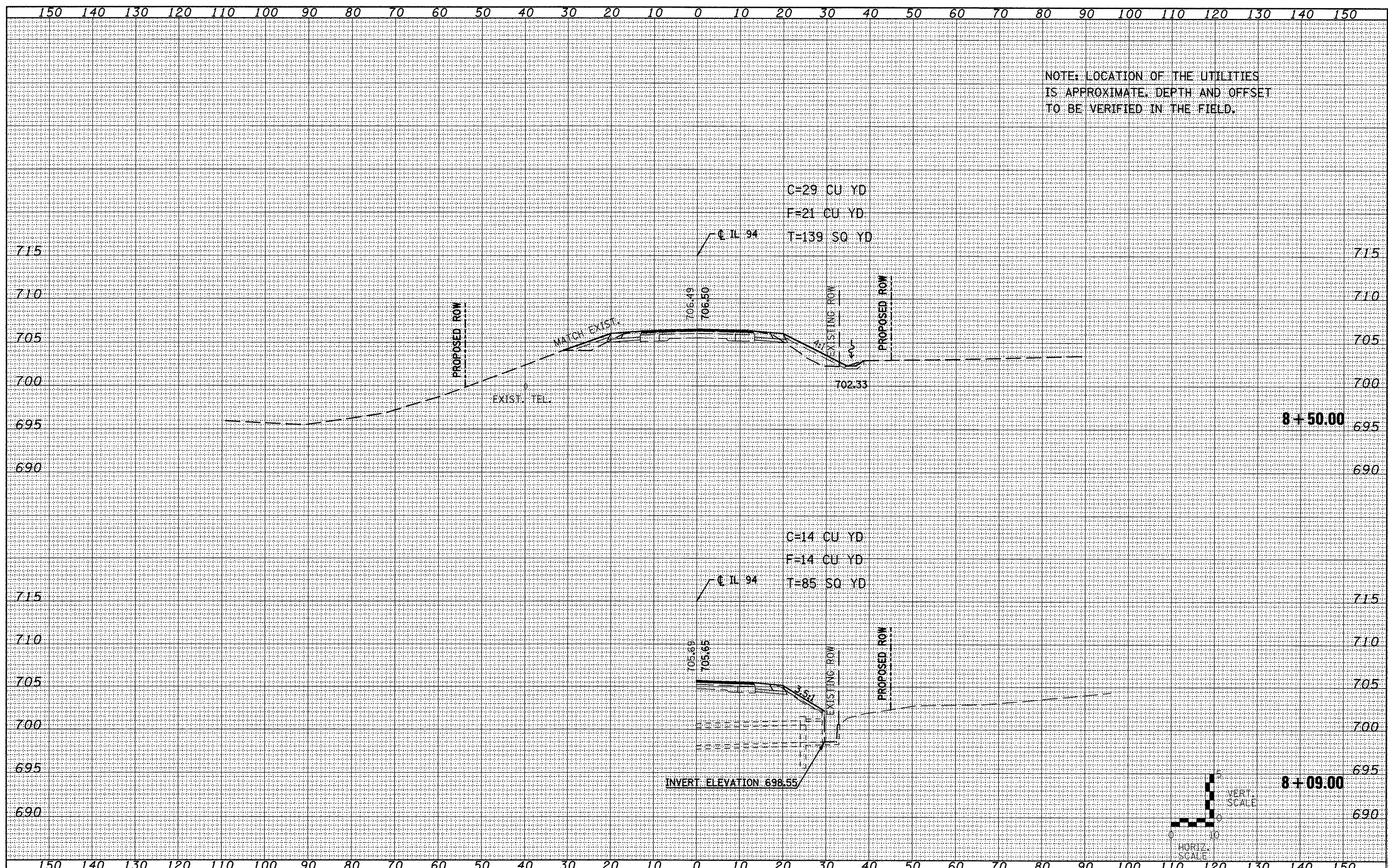
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 94 CROSS SECTIONS

SCALE: 1"=5'H/2 1/2"V SHEET NO. 5 OF 8 SHEETS STA. 7+53.00 TO STA. 8+00.00

F.A.P. RTE. 313/534	SECTION 6R-1; (109EX)R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 63
CONTRACT NO. 68818			ILLINOIS FED. AID PROJECT	



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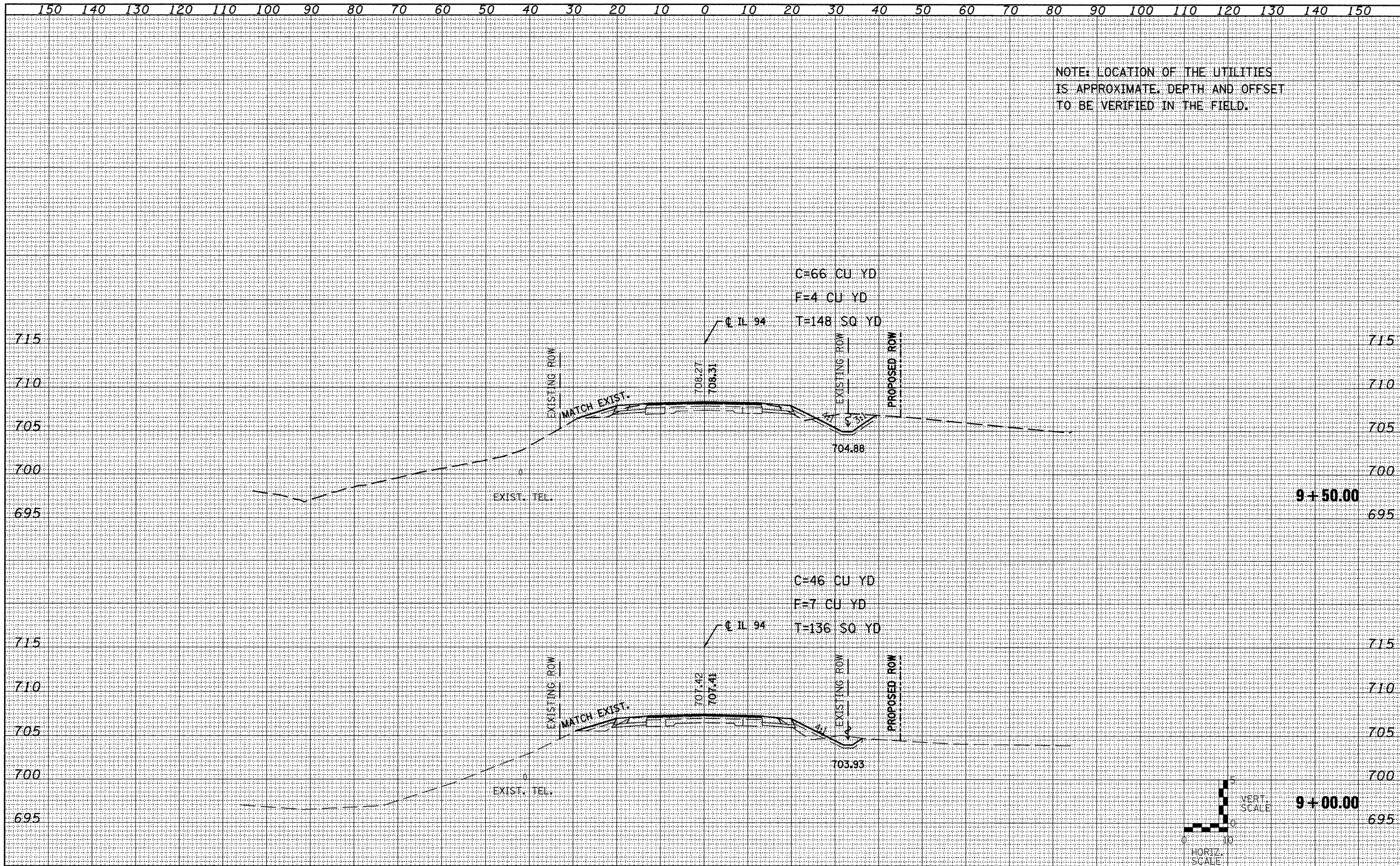
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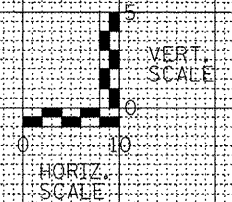
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

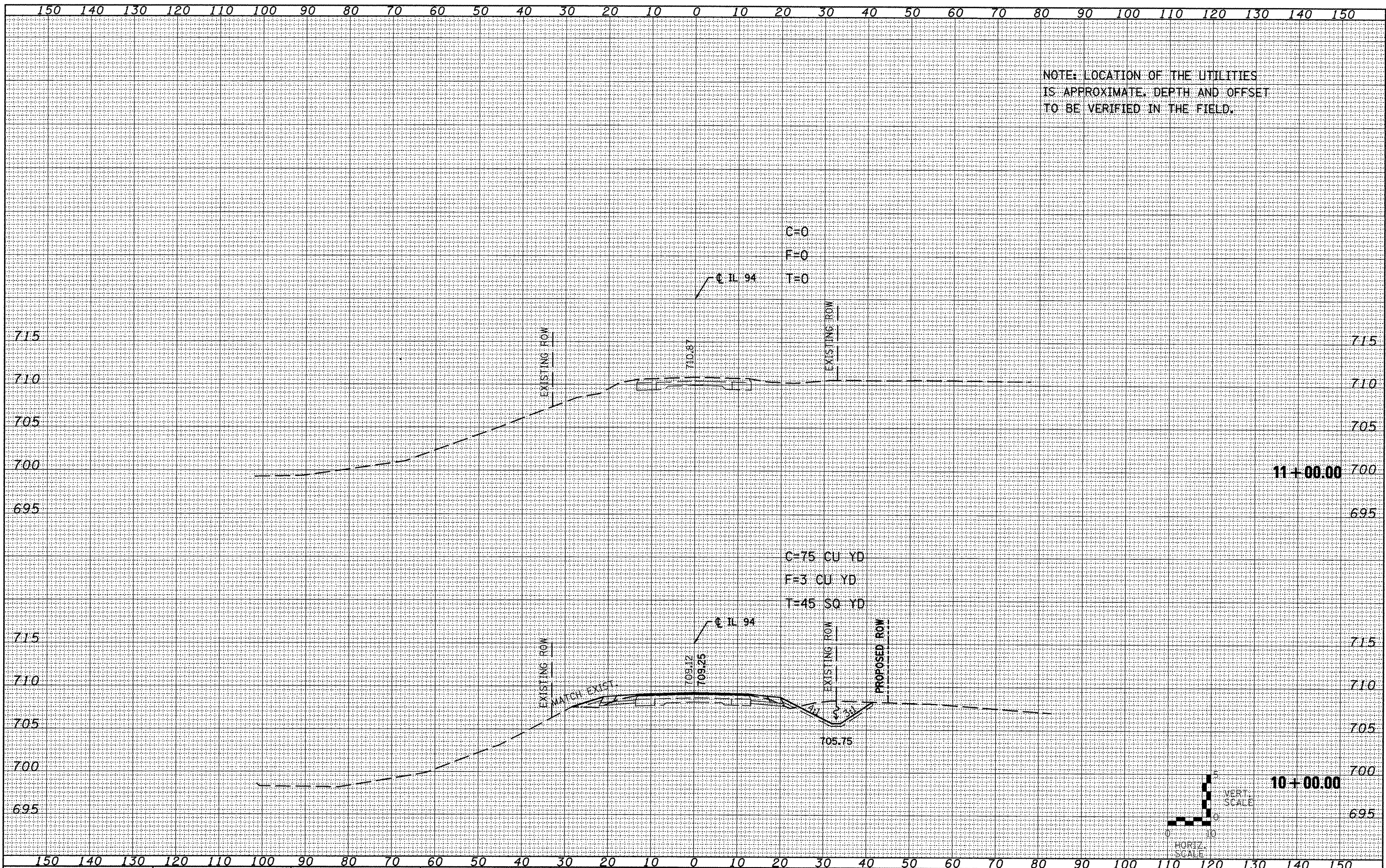
IL 94 CROSS SECTIONS
SCALE: 1/4"=50'-0" (HORIZ.) 1/8"=20'-0" (VERT.)
SHEET NO. 6 OF 8 SHEETS
STA. 0+00.00 TO STA. 0+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313/534	6R-1; (109EX)R	HENDERSON	81	64
CONTRACT NO. 68818				



NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

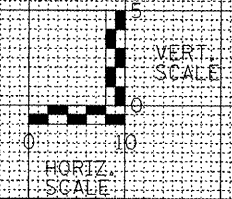




NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

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F=3 CU YD
T=45 SQ YD



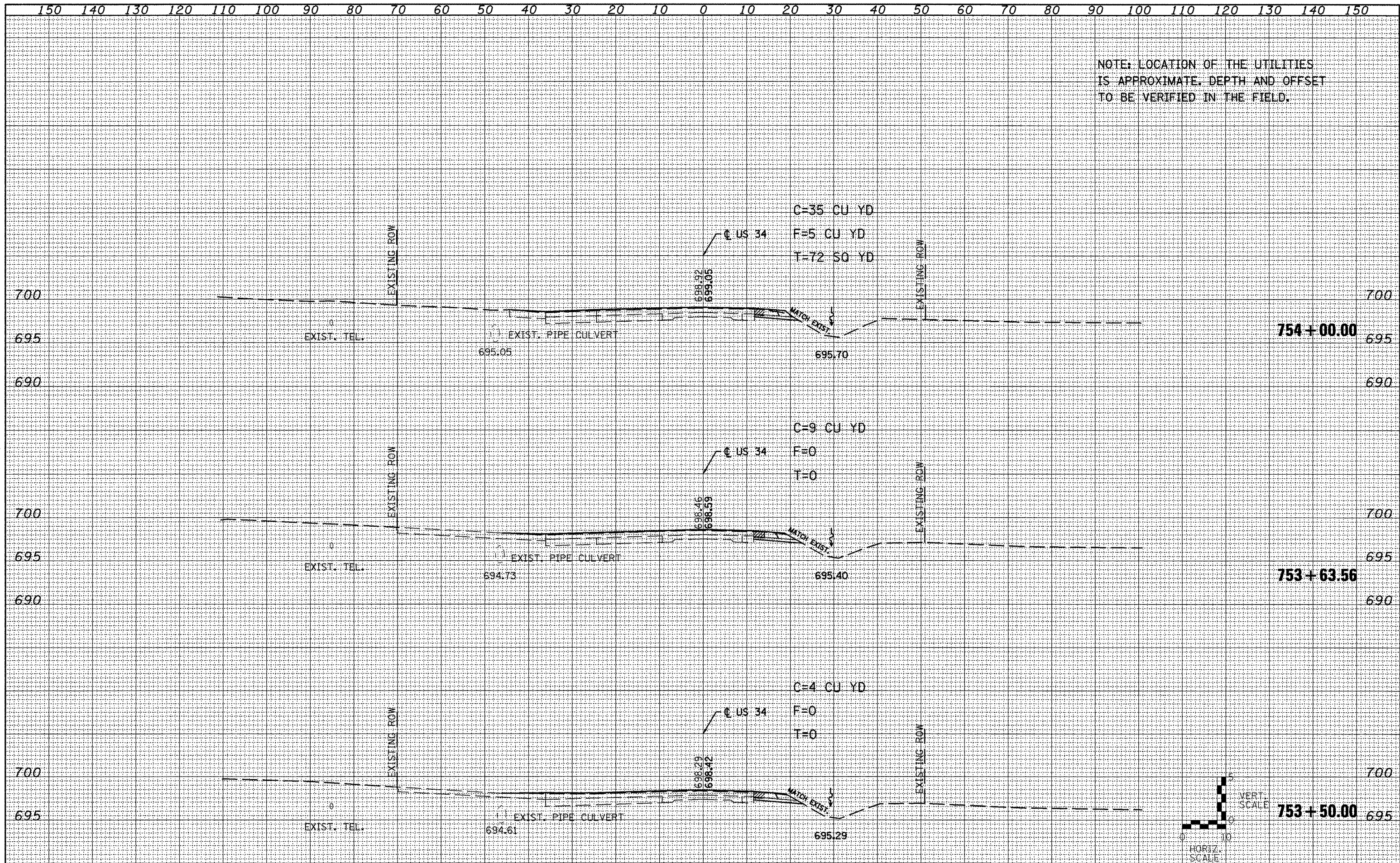
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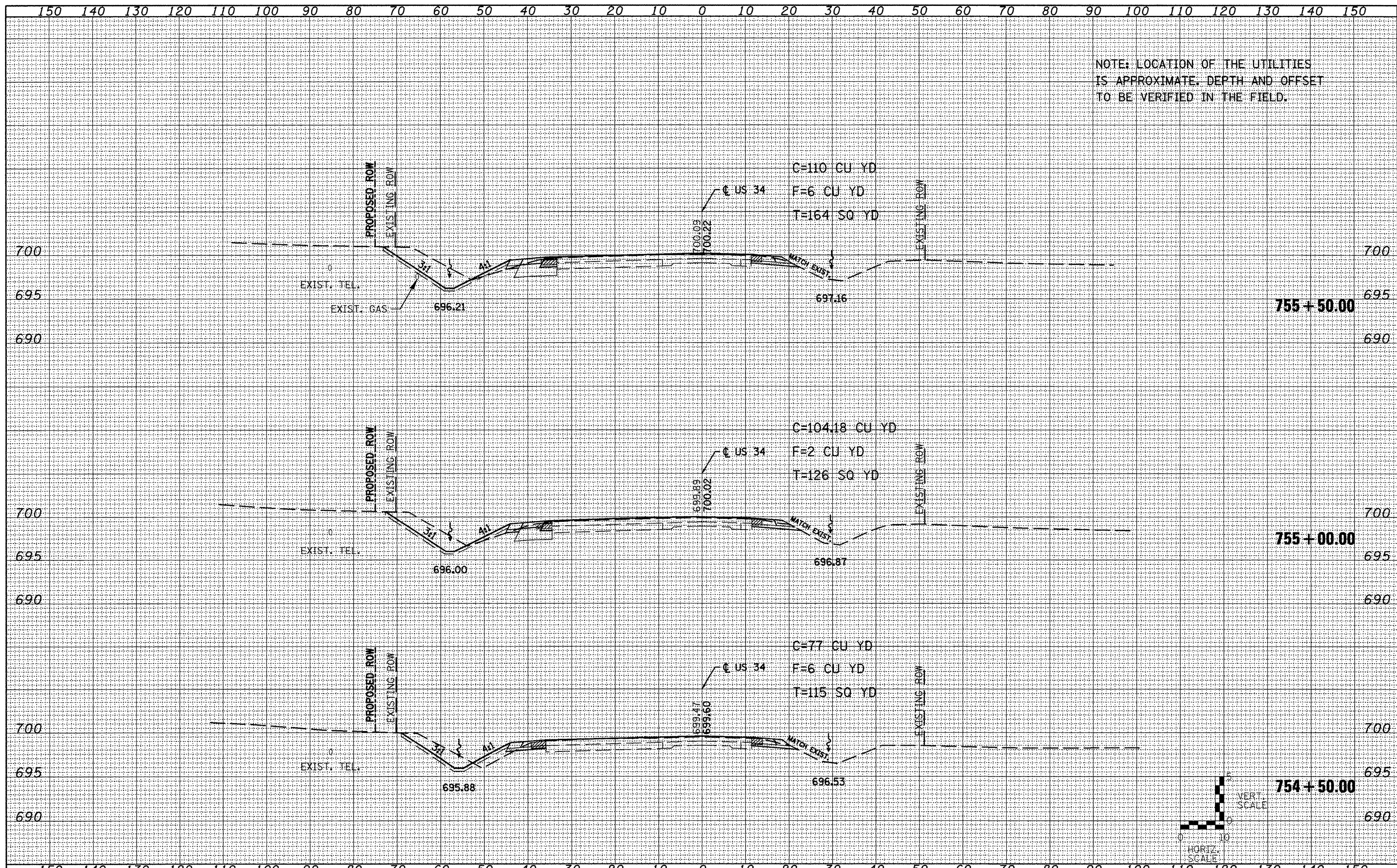
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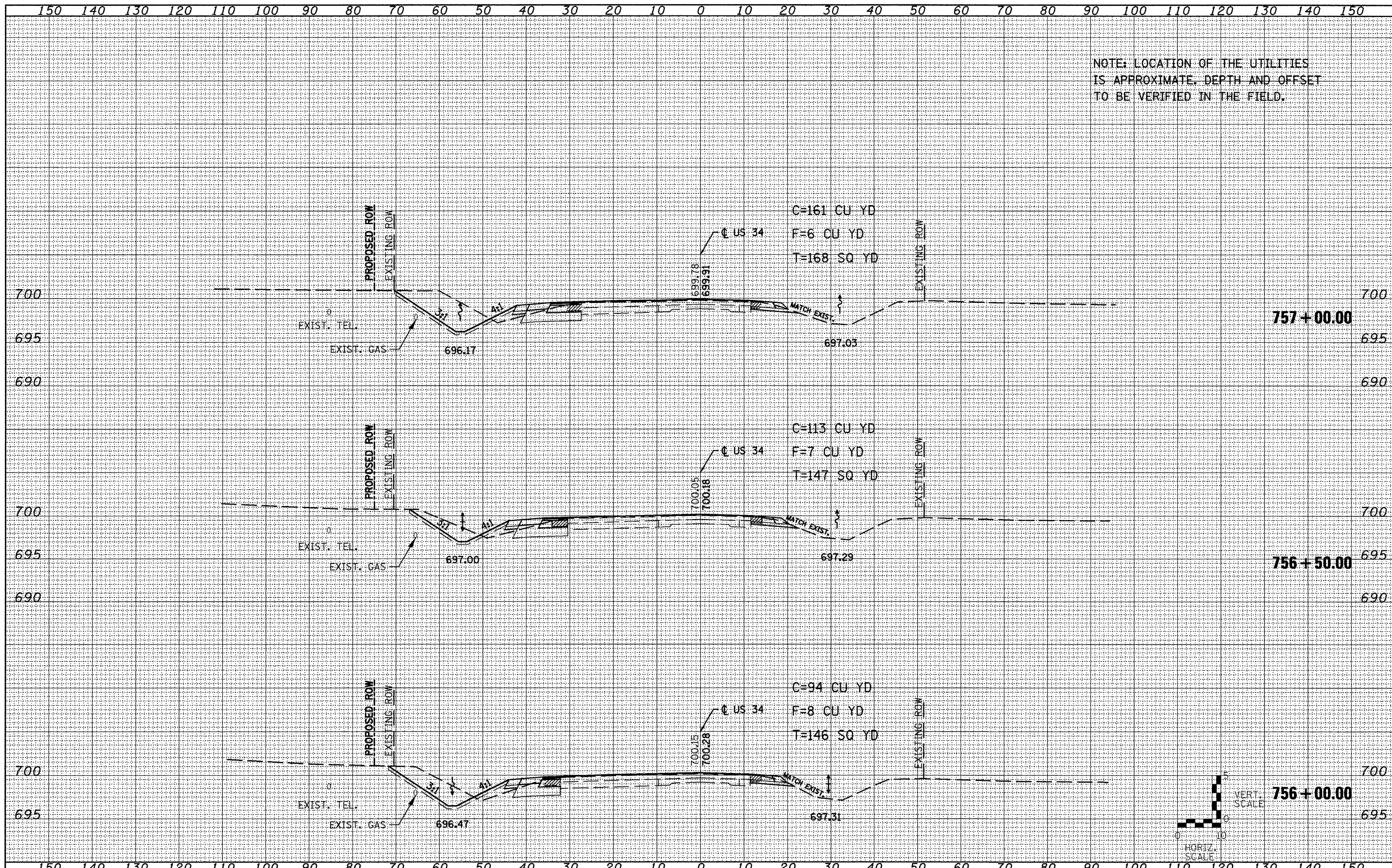
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

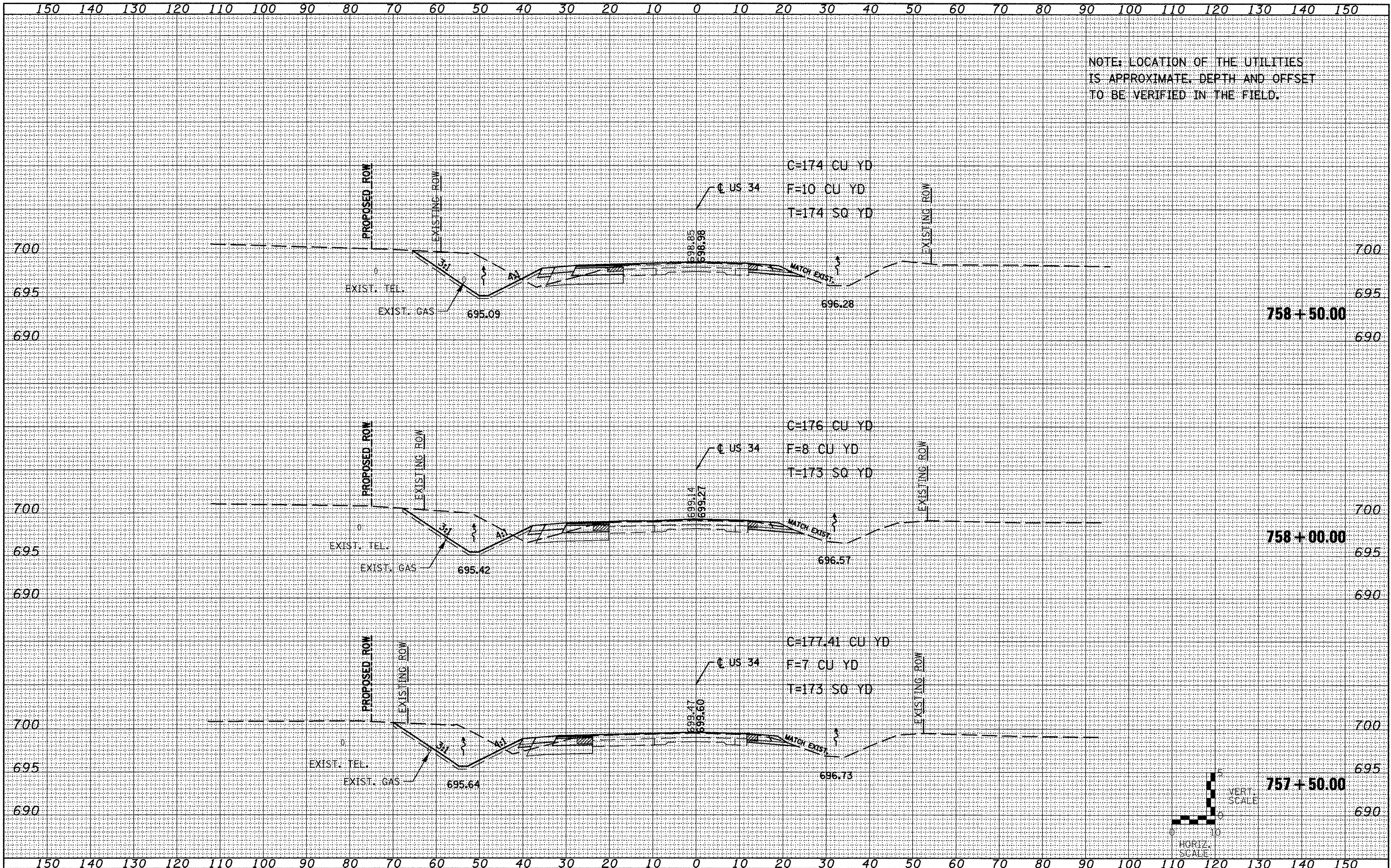
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SCALE: 1"=5'H/2 1/2"V SHEET NO. 8 OF 8 SHEETS STA. 10+00.00 TO STA. 11+00.00

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CONTRACT NO. 68818				

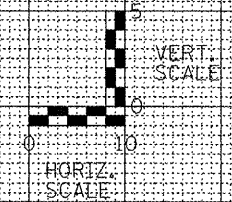


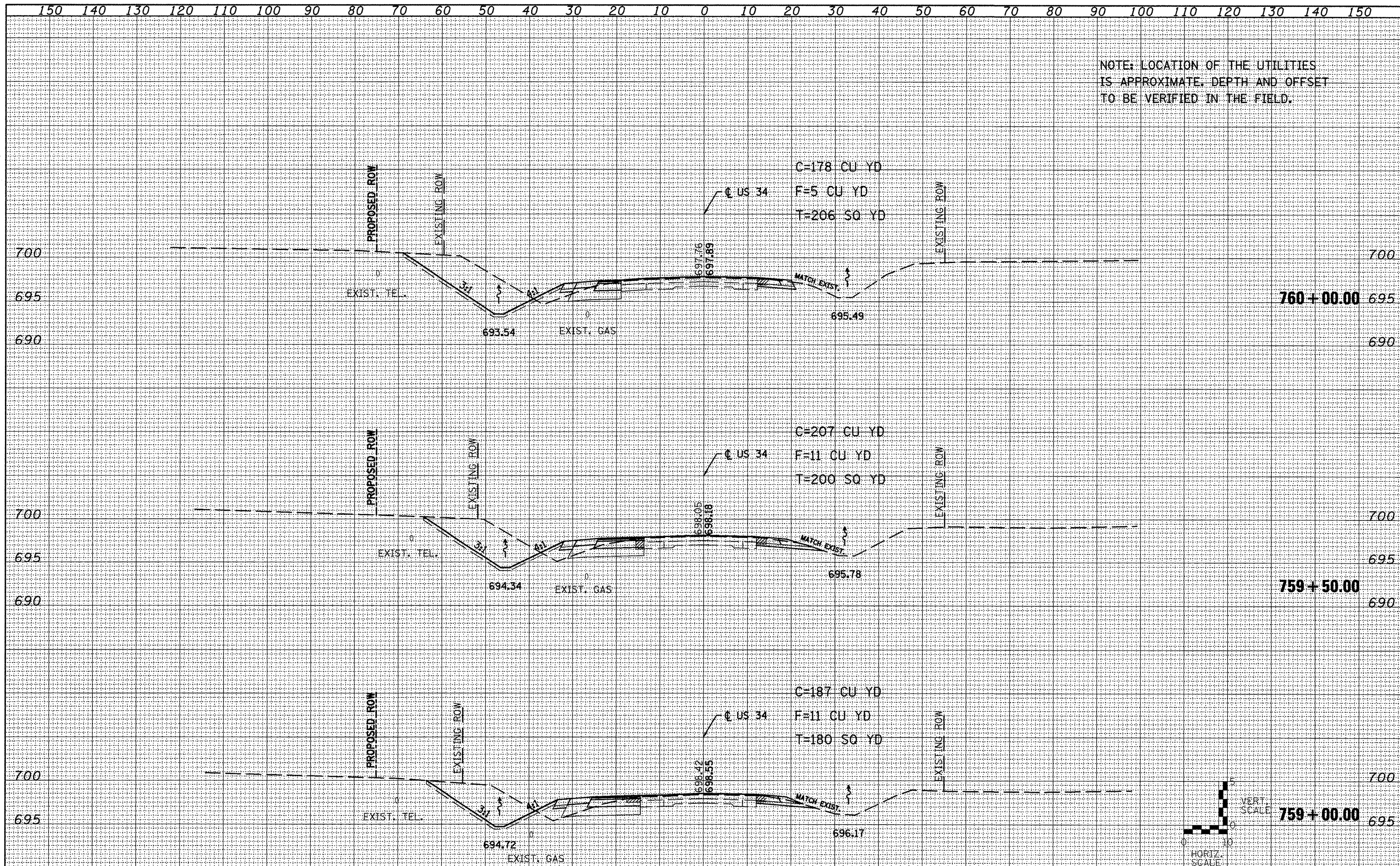






NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.





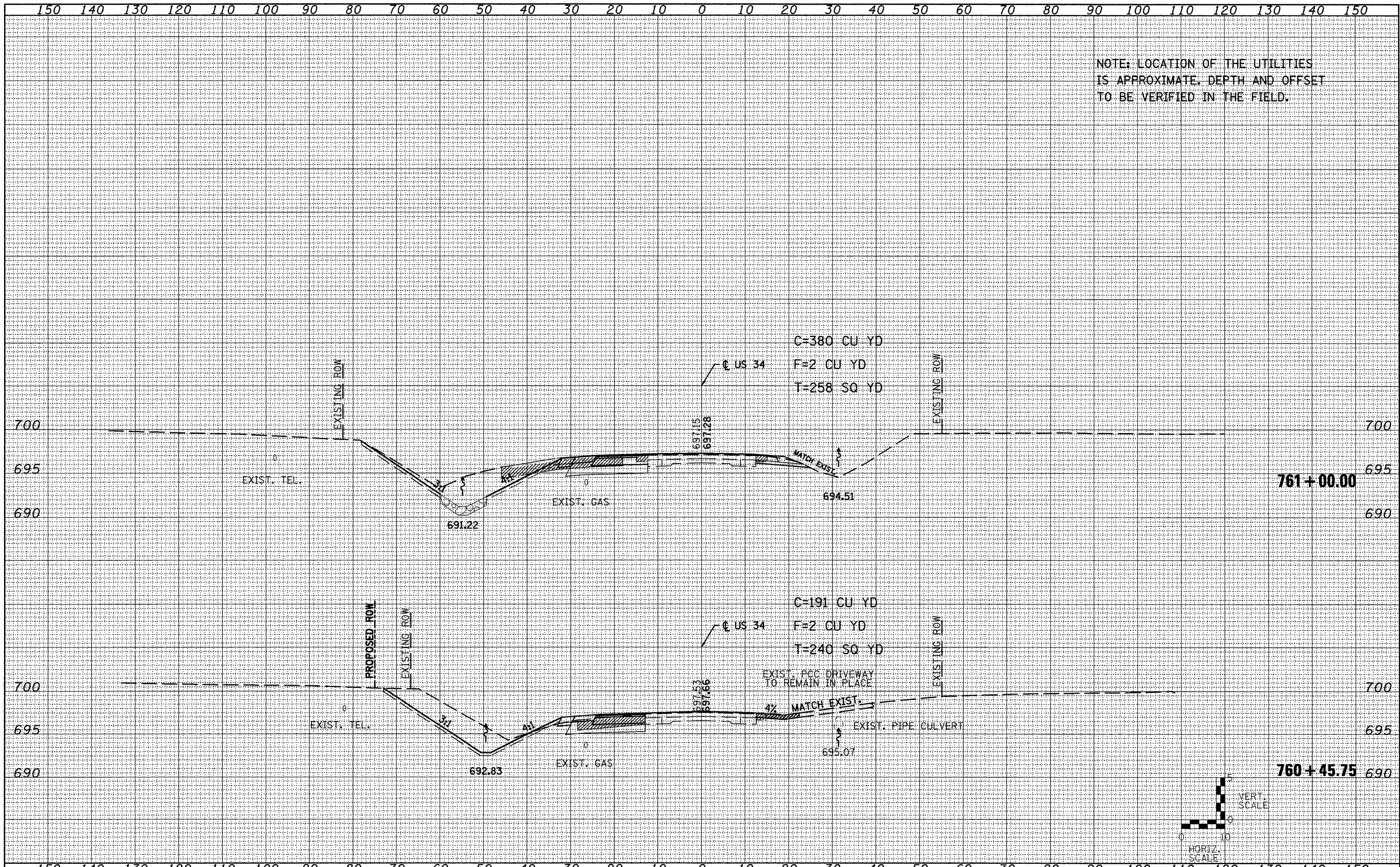
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DATE -	REVISED -

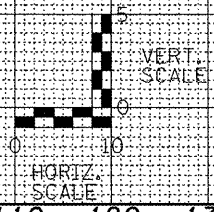
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DEPARTMENT OF TRANSPORTATION

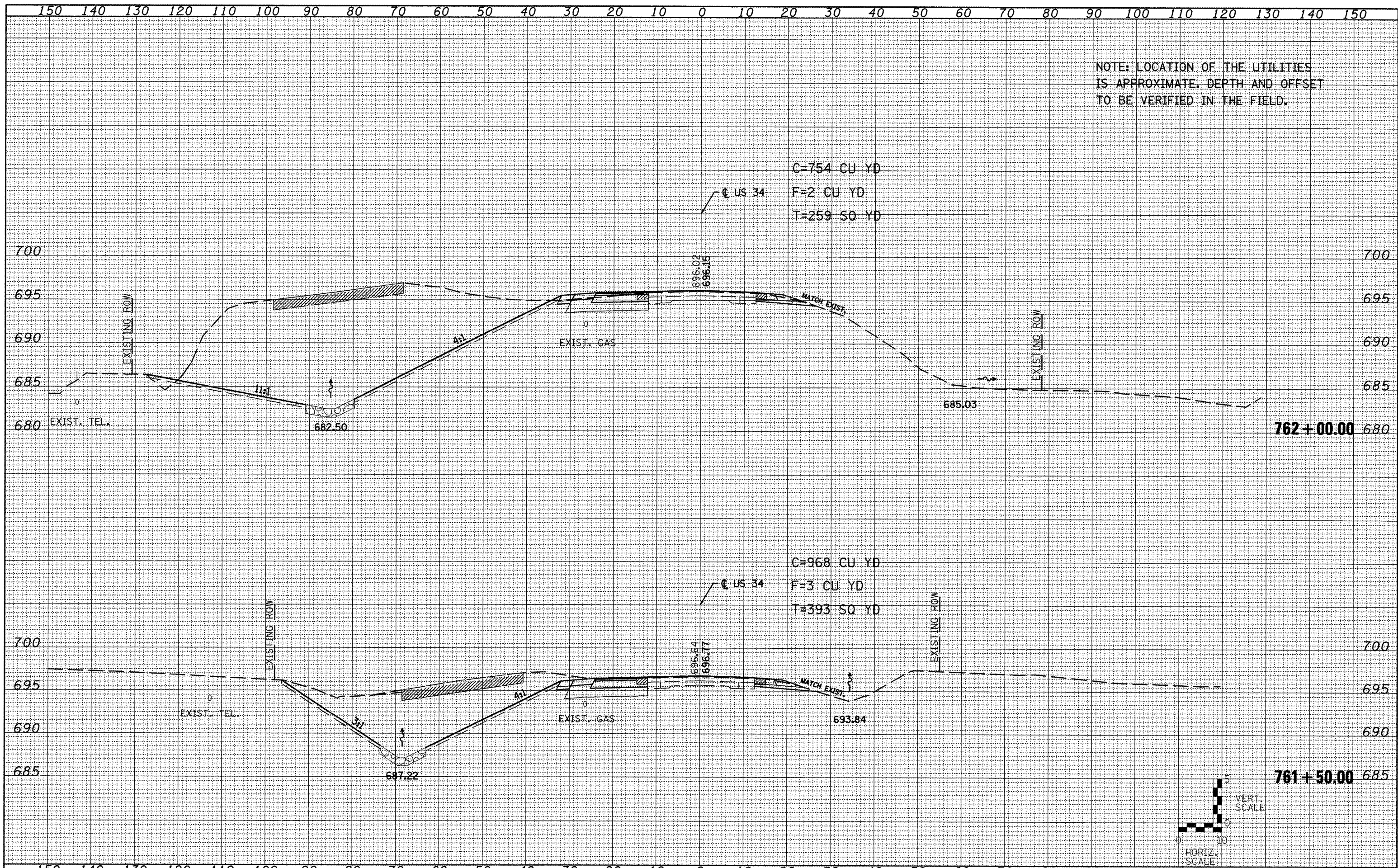
US 34 CROSS SECTIONS
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 STA. 759+00.00 TO STA. 760+00.00

F.A.P. RTE. 313/534	SECTION 6R-1; (109EX)R	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 71
CONTRACT NO. 68818			ILLINOIS FED. AID PROJECT	



NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.





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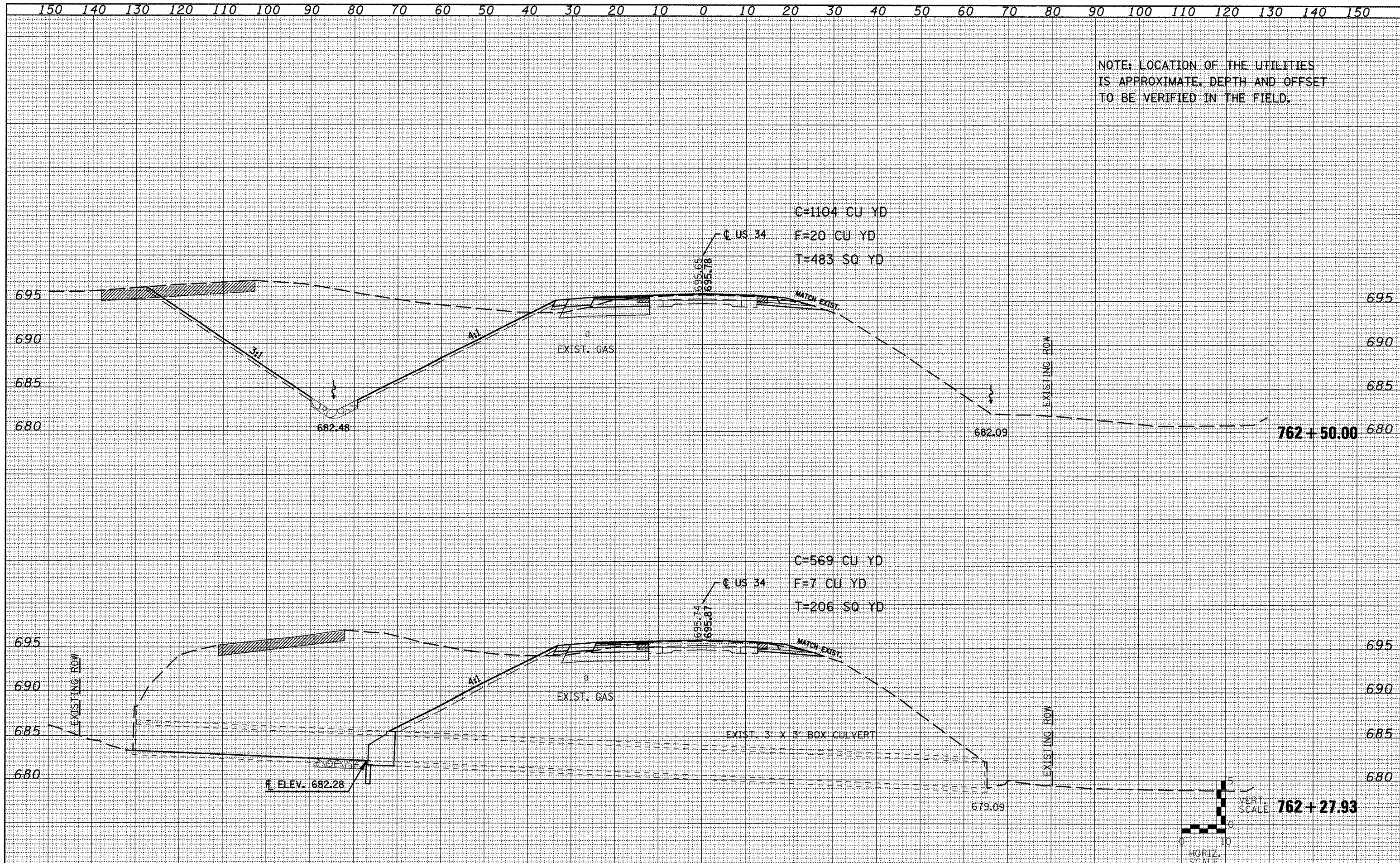
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

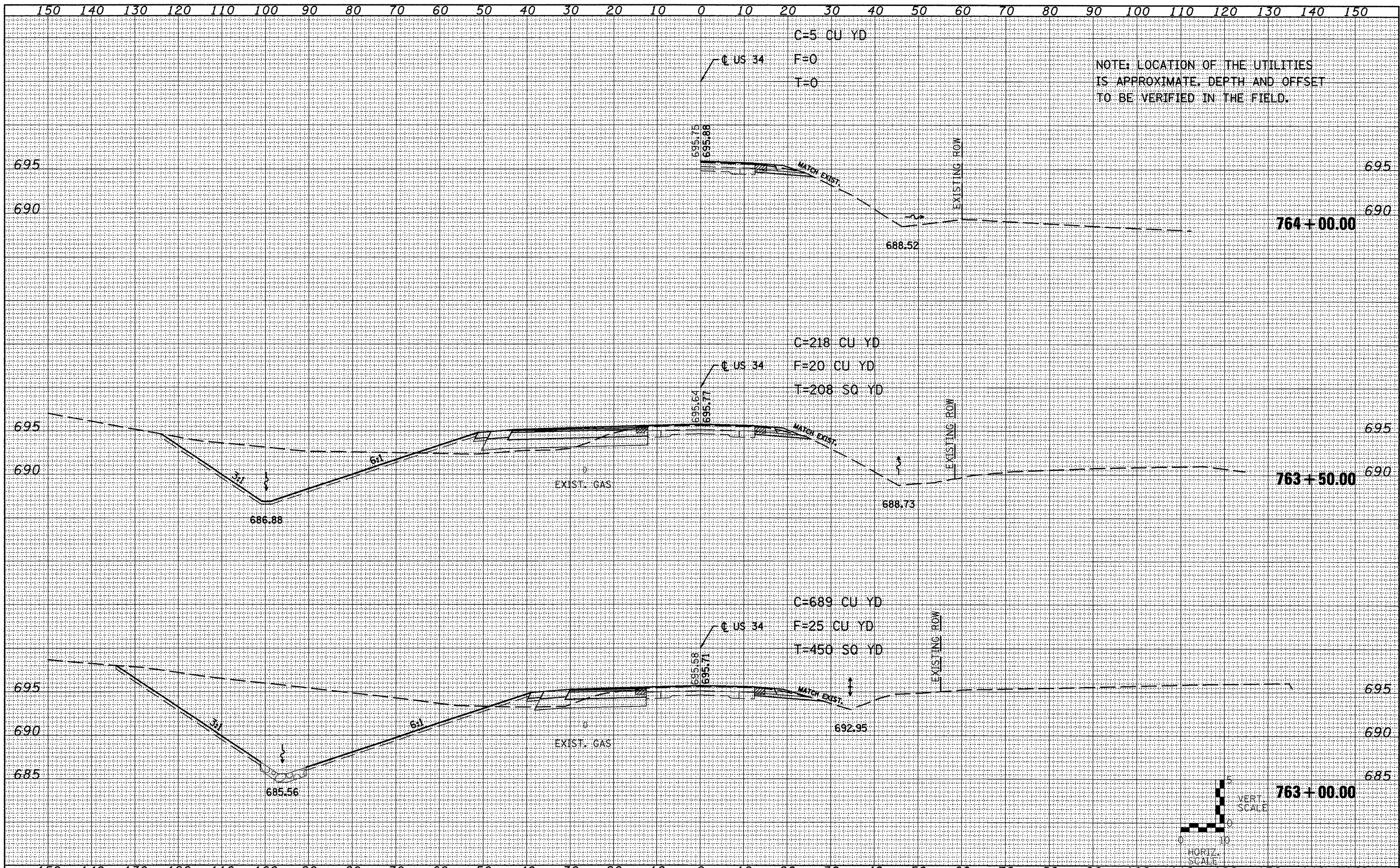
US 34 CROSS SECTIONS

SCALE: 1"=10'H/1"=5'V SHEET NO. 7 OF 15 SHEETS STA. 761+50.00 TO STA. 762+00.00

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CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				



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		DATE -	REVISED -		STA. 762+27.93 TO STA. 762+50.00		



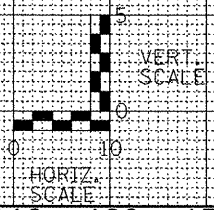
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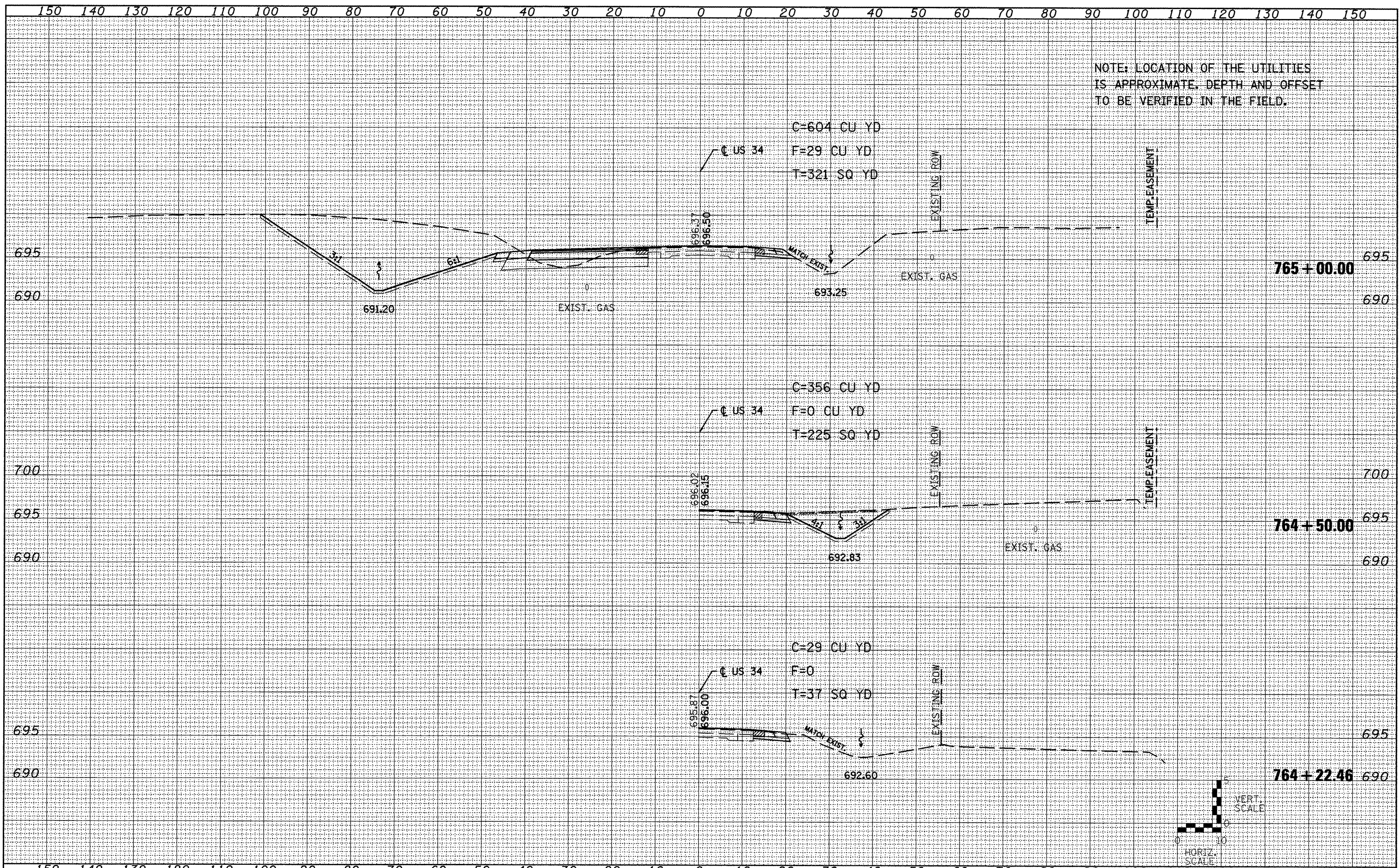
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

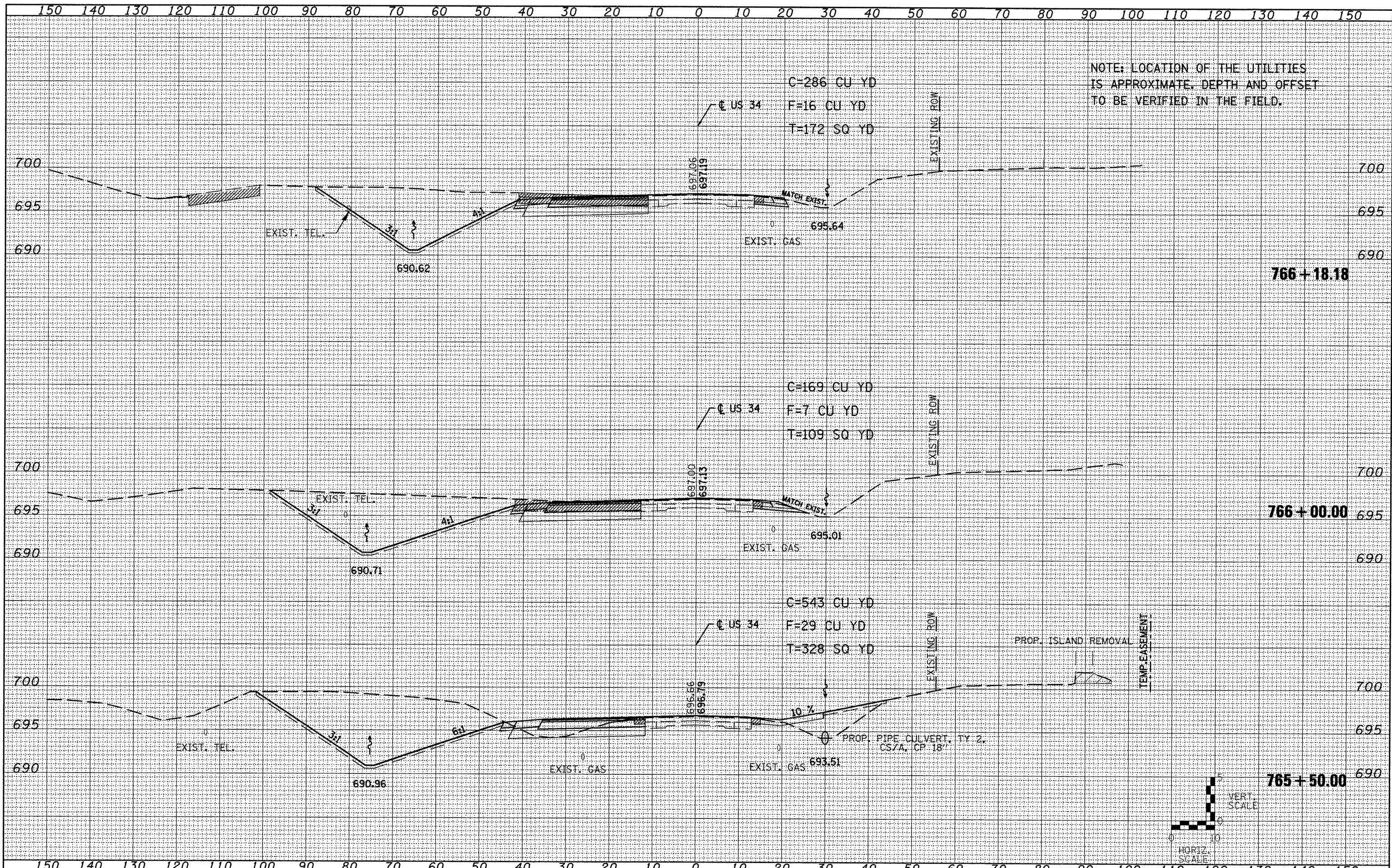
US 34 CROSS SECTIONS
SCALE: 1"=10'H/1"=5'V SHEET NO. 9 OF 15 SHEETS STA. 763+00.00 TO STA. 764+00.00

F.A.P. RTE. 313/534	SECTION 6R-1: (109EXR)	COUNTY HENDERSON	TOTAL SHEETS 81	SHEET NO. 75
CONTRACT NO. 68818				
ILLINOIS FED. AID PROJECT				





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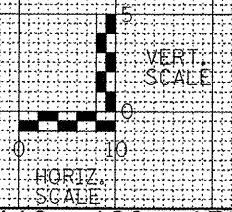


NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

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T=172 SQ YD

C=169 CU YD
F=7 CU YD
T=109 SQ YD

C=543 CU YD
F=29 CU YD
T=328 SQ YD



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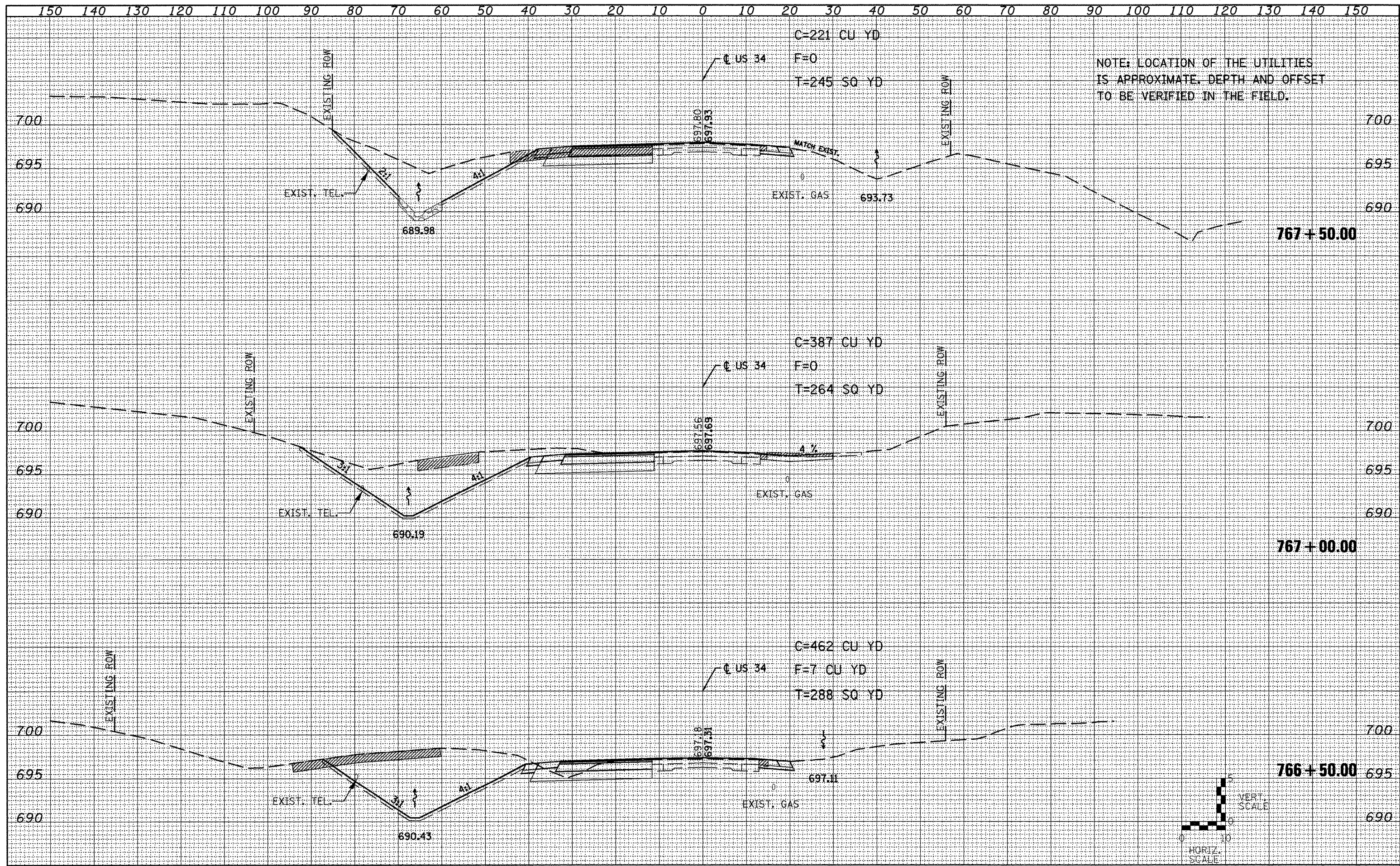
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

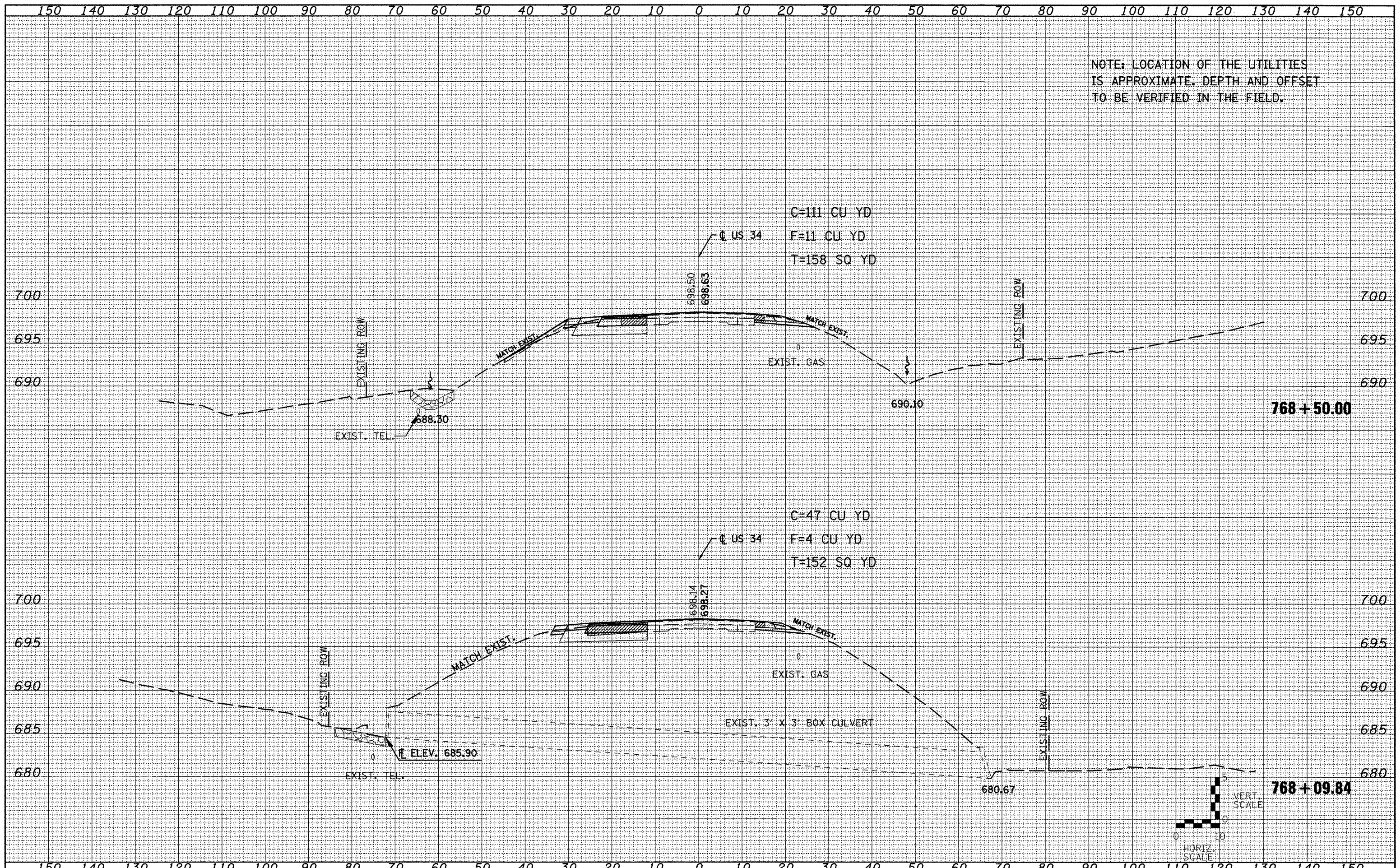
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SHEET NO. 11 OF 15 SHEETS
STA. 765+50.00 TO STA. 766+18.18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313/534	6R-1 (109XIR)	HENDERSON	81	77
CONTRACT NO. 68818				

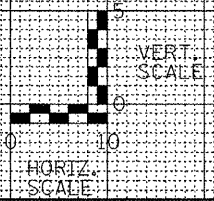
ILLINOIS FED. AID PROJECT

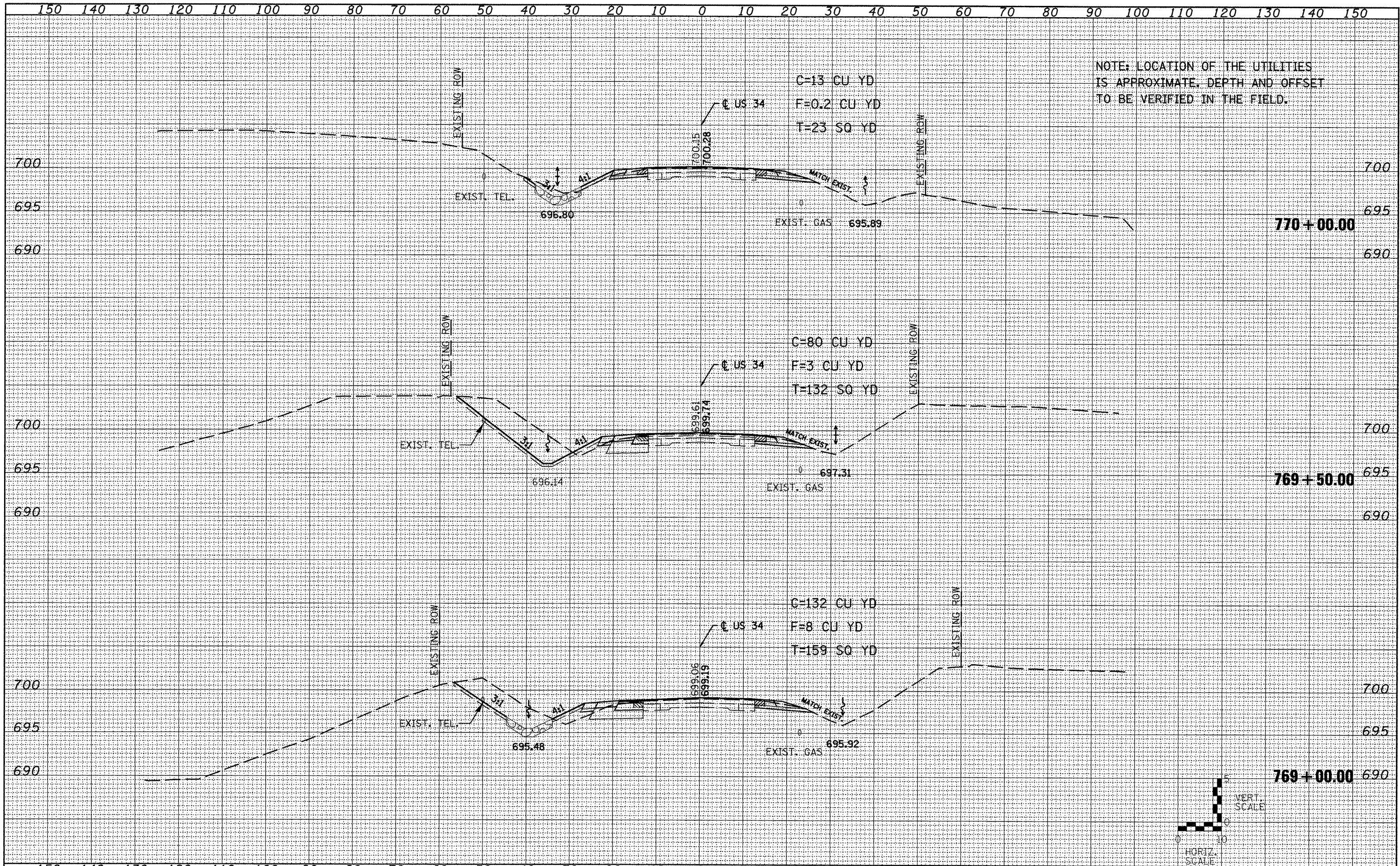


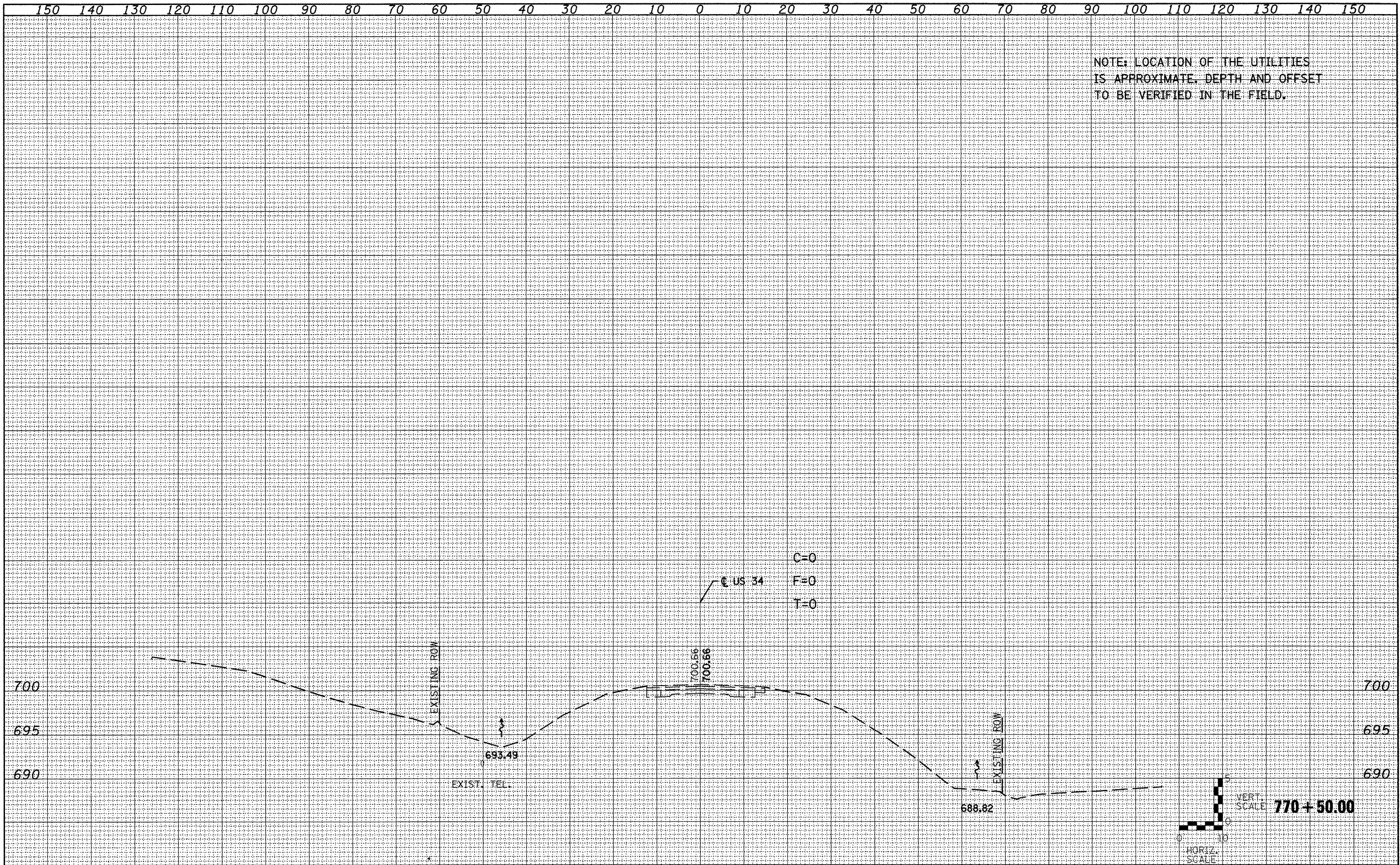
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PLT DATE = 3/19/2009	DATE -	REVISED -								



NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.







NOTE: LOCATION OF THE UTILITIES IS APPROXIMATE. DEPTH AND OFFSET TO BE VERIFIED IN THE FIELD.

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T=0

US 34

700.56
700.56

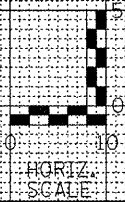
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EXIST. TEL.

688.82

EXIST. ROW

770+50.00



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		DATE -	REVISED -								