

1-20-2012 LETTING ITEM 079

SUBSURFACE UTILITY ENGINEERING (S.U.E.)
UTILIZED ON THIS PROJECT

FOR INDEX OF SHEETS AND
HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 591 (US 34)
SECTION 13R-2; 14R-1 & BR-1(1); 15R-1
PROJECT: NCII-0591(023)
ROADWAY RECONSTRUCTION, BRIDGE WIDENING,
AND TRAFFIC SIGNAL MODERNIZATION
KENDALL COUNTY

C-93-167-09

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1&BR-1(1);15R-1	KENDALL	429	1
		ILLINOIS	CONTRACT NO. 66985	

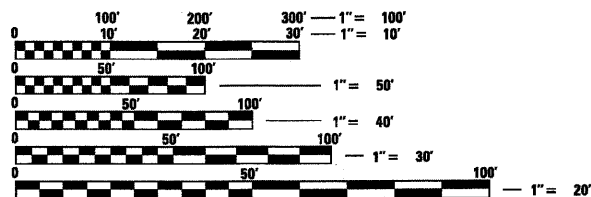
P-93-007-03
D-93-044-06

* 429 + 7 = 436



LOCATION OF SECTION INDICATED THIS: -

FUNCTIONAL CLASSIFICATION
URBAN OTHER PRINCIPAL ARTERIAL
ADT = 16,900 (2010), 50,000 (2030)
P.V. = 91.3% S.U. = 4.3% M.U. = 4.4%
DESIGN SPEED = 45 MPH

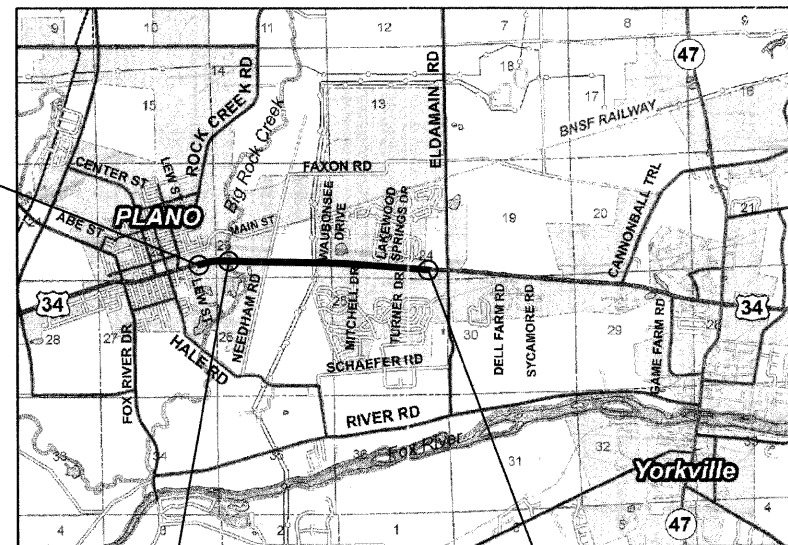


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: CRAIG REED, P.E.
UNIT CHIEF: BRADLEY DUNCAN, P.E.
TOWNSHIP: LITTLE ROCK
CONTRACT NO. 66985

BEGIN IMPROVEMENT
STA. 7 + 00.00

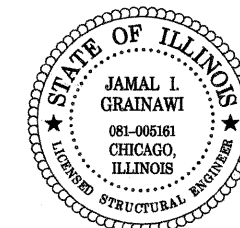


LOCATION MAP
NOT TO SCALE

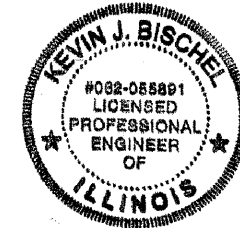
BRIDGE WIDENING
R.T.E 34 OVER BIG ROCK CR
STA 19+67.75 TO STA 21+29.79
EXIST & PROP SN 047-0051

END IMPROVEMENT
STA. 111 + 25.00

GROSS LENGTH OF PROJECT = 10,425.00 FT. = 1.974 MILE
NET LENGTH OF PROJECT = 10,262.96 FT. = 1.944 MILE



Jamal Grainawi
JAMAL GRAINAWI, S.E., P.E.
LICENSE NO.: 081-005161
EXPIRES: November 30, 2012
DATE: 8/18/2011



Kevin Bischel
KEVIN J BISCHEL, P.E.
LICENSE NO.: 062-055891
EXPIRES: November 30, 2011
DATE: 08-18-2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 25 2011

Eric S. Thaler, Deputy Director of Highways, Region Engineer

December 9 2011
Scott E. Stitt, P.E., acting Engineer of Design and Environment

December 9 2011
William R. Flynn, Director of Highways, Chief Engineer



PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS
FINAL SUBMITTAL

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, AND COMMITMENTS
3	GENERAL NOTES
4 - 12	SUMMARY OF QUANTITIES
13 - 23	TYPICAL SECTIONS
24 - 40	SCHEDULE OF QUANTITIES
41 - 45	ALIGNMENT, TIES, AND BENCHMARKS
46 - 57	EXISTING CONDITION AND REMOVAL PLAN
58 - 81	US ROUTE 34 PLAN AND PROFILE
82 - 88	CROSS ROAD PLAN AND PROFILE
89 - 154	SUGGESTED MAINTENANCE OF TRAFFIC
155 - 159	DRAINAGE SCHEDULES
160 - 188	DRAINAGE PLAN AND PROFILE
189 - 191	DRAINAGE DETAILS
192 - 193	SUBSURFACE UTILITY ENGINEERING TEST HOLES
194 - 202	RIGHT OF WAY PLANS
203 - 207	EROSION CONTROL AND LANDSCAPING PLANS
208 - 214	INTERSECTION DETAILS
215 - 219	PAVEMENT MARKING PLANS
220 - 225	SIGNING PLANS
226 - 250	TRAFFIC SIGNAL & LIGHTING PLANS
251 - 293	STRUCTURE PLANS - BIG ROCK CREEK BRIDGE
294 - 306	STRUCTURE PLANS - RETAINING WALL 1 SN 047-8800
307 - 317	STRUCTURE PLANS - RETAINING WALL 2 SN 047-8801
318 - 323	STRUCTURE PLANS - PRECAST CONC. BOX CULVERT 1 SN 047-2559
324 - 328	STRUCTURE PLANS - PRECAST CONC. BOX CULVERT 2 SN 047-2541
329 - 342	DISTRICT DETAILS
343	SUPERELEVATION TRANSITION DETAIL
344 - 421	US 34 CROSS SECTIONS
422 - 427	NEEDHAM ROAD CROSS SECTIONS
428	MITCHELL DRIVE CROSS SECTIONS
429	TURNER AVENUE CROSS SECTIONS

STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2m) JOINTED PCC PAVEMENT
420106-04	36' (10.8m) JOINTED PCC PAVEMENT
424001-06	CURB RAMPS FOR SIDEWALKS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
515001-03	NAME PLATES FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-03	GRATING FOR CONCRETE FLARED END SECTION
542501-02	INLET BOX TYPE 24 (600) A
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN TYPE A
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602406-05	MANHOLE TYPE A 6' (1.8 m) DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604016-02	FRAME AND GRATE TYPE 4
604036-02	GRATE TYPE 8
606001-04	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
664001-02	CHAIN LINK FENCE
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5m (15') AWAY TO 600mm (24") FROM EDGE OF PAVEMENT
701206-03	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS >= 45 MPH
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	SIGN SUPPORT, TELESCOPING STEEL
729001-01	POSTS, METAL APPLICATIONS FOR TYPE A AND B
731001-01	SIGN SUPPORT, TELESCOPING STEEL BASE
780001-03	TYPICAL PAVEMENT MARKINGS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877011-05	STEEL COMB. MAST ARM ASSEMBLY AND POLE 16 FT THROUGH 55 FT
878001-09	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS - POST AND BRACKET MOUNTED
886001-01	DETECTOR LOOP INSTALLATIONS

COMMITMENTS

- STRUCTURE NOS. 047-0088, 047-2559, 047-2411 ARE RESTRICTED TO LEGAL LOADS ONLY.
- ONE LANE IN EACH DIRECTION MUST REMAIN OPEN DURING PEAK TRAFFIC HOURS.
- NO TREE CLEARING WILL OCCUR BETWEEN APRIL 15 AND SEPTEMBER 1 AT SN 047-0051 (BIG ROCK CREEK).
- NO IN-STREAM WORK IN BIG ROCK CREEK BETWEEN MARCH 1 AND MAY 31. SPAWNING PERIOD OF GREATER REDHORSE.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE


REVIEWED BY: Don Beaul
DISTRICT STUDIES & PLANS ENGINEER

DATE: 10-25-11

EXAMINED BY: [Signature]
DISTRICT CONSTRUCTION ENGINEER

[Signature]
DISTRICT MATERIALS ENGINEER

[Signature]
DISTRICT OPERATIONS ENGINEER

 PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL, 60606 (312)782-8150	FILE NAME = D365985-shr-Index-gennote.dgn	DESIGNED - MMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STANDARDS, AND COMMITMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - MMS	REVISED -			591	13R-2+14R-1 & BR-1(1)+15R-1	KENDALL	429	2
	PLOT DATE = 19-AUG-2011 08:10	CHECKED - KJB	REVISED -	SCALE:	STDS 1 OF 1	STA.	TO STA.	FINAL SUBMITTAL CONTRACT NO. 66985		
		DATE - 08-18-2011	REVISED -					ILLINOIS FED. AID PROJECT		

GENERAL NOTES

- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED. ANY DEVIATION SHALL BE APPROVED BY THE ENGINEER.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE ENGINEER WILL DETERMINE THE CURING TIME FOR THE VARIOUS HMA LIFTS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UN-TILLABLE CONDITION. LOCATIONS TO BE SEEDED AS SHOWN ON THE PLANS OR WILL BE DETERMINED BY THE ENGINEER.
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF TREE REMOVAL.
- FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS (STANDARD 424001) AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.
- ON EXISTING PAVEMENT WHICH MAY BE SUPER-ELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPER-ELEVATION UNLESS NEW SUPER-ELEVATION RATES ARE GIVEN ON THE PLANS.
- ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM. EXISTING GROUND DATA FROM STA. 7+00 TO STA. 74+00 IS BASED ON PHOTOGRAMMETRIC SURVEY DATA.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS.
- ALL CURB AND GUTTER TRANSITIONS SHALL BE COMPLETED AS SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER AND PAID FOR AS PART OF THE RESPECTIVE CURB AND GUTTER.
- SAW CUTTING SHOWN ON THE PLANS SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE COST OF THE ADJACENT REMOVAL ITEM.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB-NUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

- A PORTION OF THE US ROUTE 34 RIGHT OF WAY HAS BEEN LEASED FOR AGRICULTURAL PURPOSES. THE CONTRACTOR SHALL NOT ENCROACH ON THE LEASED AREA. THIS AREA IS IDENTIFIED ON THE PLANS FROM STA 43+72.43 LT TO 56+39.98 LT AND FROM STA 78+78.90 RT TO 56+45.21 RT AND IS LABELED "LIMIT OF CONTRACTOR ACCESS (LEASED PROPERTY LINE)".
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA BINDER COURSE	112	TONS / SQ YD/IN
HMA RESURFACING	112	LBS / SQ YD / IN
HMA SURFACE COURSE	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING DOTTED	25	FT /100 FT OF APPLICATION
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
EXISTING TOPSOIL REMOVAL THICKNESS FROM WEST END TO WAUBONSEE DRIVE	12	INCHES
FROM WAUBONSEE DRIVE TO ELDAMAIN RD	22	INCHES

BITUMINOUS MATERIALS (PRIME COAT) RATES		
SURFACE TYPE	ESTIMATED TRUCK APPLICATION RATE	RESIDUAL RATE
AGGREGATE BASES	0.375 GAL / SQ YD (1.7 LITERS/SQ M)	N/A
MILLED PAVEMENT (HMA OR PCC)	0.08 GAL / SQ YD (0.35 LITERS/SQ M)	0.04 GAL / SQ YD (0.18 LITERS/SQ M)
EXISTING PAVEMENT	0.05 GAL / SQ YD (0.25 LITERS/SQ M)	0.025 GAL / SQ YD (0.13 LITERS/SQ M)
"FOG COAT" (BETWEEN ADDITIONAL HMA LIFTS)	0.05 GAL / SQ YD (0.25 LITERS/SQ M)	0.025 GAL / SQ YD (0.13 LITERS/SQ M)

- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.
- ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE SHALL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.
- THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.
- THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA. JULIE CONTACT INFORMATION IS (800) 892-0123 OR 811. CONTACT INFORMATION FOR INDIVIDUAL UTILITIES CAN BE FOUND IN THE SPECIAL PROVISIONS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
AT&T
COM ED
COMCAST CABLE
NICOR GAS
CITY OF PLANO
WATER DEPARTMENT
- NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

KENDALL COUNTY
HIGHWAY DEPARTMENT

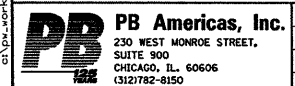
DRAINAGE NOTES

- INVERT AND RIM ELEVATIONS FOR EXISTING PIPES AND STRUCTURES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. INVERT AND RIM ELEVATIONS FOR EXISTING PIPES AND STRUCTURES SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION.
- FOR INSTALLATION OF PROPOSED DRAINAGE STRUCTURES IN EXISTING SEWERS, A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTING AT ITS EXISTING INVERT ELEVATION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR THE TYPE AND KIND OF DRAINAGE STRUCTURE TO BE INSTALLED.
- IN ADDITION TO THE REQUIREMENTS OF ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS, THE CONTRACT UNIT PRICE FOR THE DRAINAGE STRUCTURES SHALL INCLUDE THE SAND CUSHION, FURNISHING AND INSTALLING STEPS WHEN REQUIRED, ADJUSTING RINGS OR CONCRETE BLOCKS WHEN REQUIRED AND FURNISHING AND COMPACTING THE SPECIFIED BACKFILL.
- TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM SEWER AND DITCH FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST
- THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.
- WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS.
- THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM" ON THE LID WHERE APPLICABLE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR
- THE LOCATION OF ALL EXISTING UTILITIES ARE SHOWN ON THE PLANS FOR INFORMATION ONLY AND PRESENT THE BEST KNOWLEDGE OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT FIELD LOCATION OF ALL UTILITIES PRIOR TO START OF WORK.
- REMOVAL OF EXISTING UNDERDRAINS AND HEADWALLS FOR UNDERDRAINS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION".

URBAN SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%		
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%		STATE = 20%	STATE = 0%	
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%		CITY = 0%	CITY = 100%	
						ROADWAY	NEW SIDEWALK & SHARED USE PATH	STRUCTURAL			WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKELWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT	EMERGENCY VEHICLE PRE-EMPTION	HIGHWAY LIGHTING		
0003	0028	SN 047-8800	SN 047-8801	SN 047 -0051	SN 047-2559	SN 047-2541												
		3	4	5	6	7												
		0040	0040	0013	0040	0040												
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	504	504												
		20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	298	298												
		20100500	TREE REMOVAL, ACRES	ACRE	1.2	1.2												
		20101000	TEMPORARY FENCE	FOOT	66.0	66.0												
		20200100	EARTH EXCAVATION	CU YD	94,813	94,703			110									
		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	48,330	48,095				134	101							
		20400800	FURNISHED EXCAVATION	CU YD	30				30									
		20700220	POROUS GRANULAR EMBANKMENT	CU YD	1,274					1,131	143							
		20800150	TRENCH BACKFILL	CU YD	5,518	5,518												
		21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	559					302	257							
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	68,625	68,625												
		25000200	SEEDING, CLASS 2	ACRE	14.3	14.3												
		25000314	SEEDING, CLASS 4B	ACRE	0.50	0.50												
		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,336	1,336												
		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,336	1,336												
		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,336	1,336												
		25100115	MULCH, METHOD 2	ACRE	14.3	14.3												
		25100630	EROSION CONTROL BLANKET	SQ YD	71,790	71,790												
		25100900	TURF REINFORCEMENT MAT	SQ YD	618	618												
		28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	4,258	4,258												
		28000400	PERIMETER EROSION BARRIER	FOOT	5,745	5,745												
		28000500	INLET AND PIPE PROTECTION	EACH	253	253												
		28100101	STONE RIPRAP, CLASS A1	SQ YD	188	188												
		28100105	STONE RIPRAP, CLASS A3	SQ YD	53	53												
		28100107	STONE RIPRAP, CLASS A4	SQ YD	390	188				116	86							
		28100109	STONE RIPRAP, CLASS A5	SQ YD	597				597									
		28200200	FILTER FABRIC	SQ YD	1,078				805	157	116							
		31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	3,514	3,514												
		31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	81,778	81,778												
		35100500	AGGREGATE BASE COURSE, TYPE A 6"	SQ YD	19,902	8,663	11,239											
		35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	427	427												
		40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	752	752												
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1,385	1,385												
		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1,638	1,638												
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	621	621												
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	583	583												

c:\pwork\pwork\duncanbd\4252\1386985-SHT-500-revised.dgn



FILE NAME = duncanbd
 PLOT SCALE = 20.0000' / 1"
 PLOT DATE = 10/19/2011

DESIGNED - MWS
 DRAWN - MWS
 CHECKED - KJB
 DATE - 08-18-2011

REVISED - BDD 09-23-2011
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SOQ - 1 OF 9 STA. TO STA.

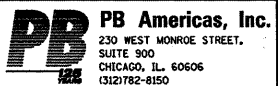
F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 4
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

URBAN

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%	
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%	STATE = 20%	STATE = 0%	
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%	CITY = 0%	CITY = 100%	
						ROADWAY	NEW SIDEWALK & SHARED USE PATH	STRUCTURAL					WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT	EMERGENCY VEHICLE PRE-EMPTION
						0003	0028	0040	0040	0013	0040	0040	0021			0021	0021
		40603305	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30	TON	1,259		1,259										
		40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	435	435											
		42000416	PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)	SQ YD	68,476	68,476											
		42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	1,072	1,072											
		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,593	1,593											
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	636	636											
		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	13,452	1,410	12,042										
		42400800	DETECTABLE WARNINGS	SQ FT	521	57	464										
		44000100	PAVEMENT REMOVAL	SQ YD	45,119	45,119											
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,899	2,899											
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7,731	7,731											
		44000600	SIDEWALK REMOVAL	SQ FT	1,343	1,343											
		44003100	MEDIAN REMOVAL	SQ FT	1,169	1,169											
		44004250	PAVED SHOULDER REMOVAL	SQ YD	7,651	7,651											
		44200108	PAVEMENT PATCHING, TYPE II, 9 INCH	SQ YD	238	238											
		44200112	PAVEMENT PATCHING, TYPE III, 9 INCH	SQ YD	136	136											
		44200114	PAVEMENT PATCHING, TYPE IV, 9 INCH	SQ YD	103	103											
		44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	42	42											
		48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	808	808											
		48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	570	570											
		50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1						1						
		50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1				1								
		50102400	CONCRETE REMOVAL	CU YD	19.3			19.3									
		50105220	PIPE CULVERT REMOVAL	FOOT	1,127	992						135					
		50200100	STRUCTURE EXCAVATION	CU YD	1,400				200	1,075	191						
		50200300	COFFERDAM EXCAVATION	CU YD	170				170								
		50300225	CONCRETE STRUCTURES	CU YD	375.3			123.7	68.6	183.0							
		50300255	CONCRETE SUPERSTRUCTURE	CU YD	508.2					508.2							
		50300260	BRIDGE DECK GROOVING	SQ YD	989					989							
		50300265	SEAL COAT CONCRETE	CU YD	144					144							
		50300285	FORM LINER TEXTURED SURFACE	SQ FT	4,001			2,585	1,416								
		50300300	PROTECTIVE COAT	SQ YD	14,013			301	51	13,661							
		50400805	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 36 IN.	FOOT	1,113					1,113							
		50500505	STUD SHEAR CONNECTORS	EACH	462			314	148								
		50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	151,430			14,230	7,330	129,870							
		50800515	BAR SPLICERS	EACH	532					532							
		50901720	BICYCLE RAILING	FOOT	343	83				222	38						

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FILE NAME = duncenbd	DESIGNED - MWS	REVISED - BDD 10-19-2011
PLOT SCALE = 20.0000' / in.	DRAWN - MWS	REVISED -
PLOT DATE = 10/19/2011	CHECKED - KJB	REVISED -
	DATE = 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 500 - 2 OF 9 STA. TO STA.

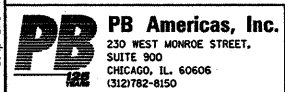
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	5
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

Rev.

URBAN
SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%	STATE = 20%	STATE = 0%
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%	CITY = 0%	CITY = 100%
						ROADWAY	NEW SIDEWALK & SHARED USE PATH	STRUCTURAL					WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKESWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT
	0003	0028	0040	0040	0013	0040	0040					0021	0021	0021		
		50901750	PARAPET RAILING	FOOT	726			319	185	222						
		51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	630					630						
		51202600	DRIVING PILES	FOOT	630					630						
		51203200	TEST PILE METAL SHELLS	EACH	4					4						
		51500100	NAME PLATES	EACH	5											
		54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2							2				
		54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2								2			
		54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	205.5								205.5			
		54011207	PRECAST CONCRETE BOX CULVERTS 12' X 7'	FOOT	114.3							114.3				
		54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	9	9										
		54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3	3										
		54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4										
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	7	7										
		54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2	2										
		54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1										
		54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	1	1										
		5421A030	PIPE CULVERTS, CLASS A, TYPE 1 30" (TEMPORARY)	FOOT	51							51				
		5423D036	PIPE CULVERTS, CLASS D, TYPE 3 36" (TEMPORARY)	FOOT	525							525				
		54244805	INLET BOX, STANDARD 542501	EACH	2	2										
		54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	4	4										
		54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	7	7										
		54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	2	2										
		54247190	GRATING FOR CONCRETE FLARED END SECTION 48"	EACH	1	1										
		54248150	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 30"	EACH	1	1										
		55100400	STORM SEWER REMOVAL 10"	FOOT	55	55										
		55100500	STORM SEWER REMOVAL 12"	FOOT	986	986										
		55100700	STORM SEWER REMOVAL 15"	FOOT	64	64										
		55101200	STORM SEWER REMOVAL 24"	FOOT	536	536										
		550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	655	655										
		550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	19	19										
		550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	63	63										
		550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	149	149										
		550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	8	8										
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	6,035	6,035										
		550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	1,158	1,158										
		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	796	796										

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FILE NAME = dunconb	DESIGNED - MWS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - MWS	REVISED -
PLOT DATE = 10/20/2011	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SOQ - 3 OF 9 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2:14R-1 & BR-1(1)15R-1	KENDALL	429	6
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

URBAN

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%	
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%	STATE = 20%	STATE = 0%	
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%	CITY = 0%	CITY = 100%	
						ROADWAY	NEW SIDEWALK & SHARED USE PATH	STRUCTURAL					WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT	EMERGENCY VEHICLE PRE-EMPTION
						0003	0028	0040	0040	0013	0040	0040	0021			0021	0021
		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1,364	1,364											
		550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	569	569											
		550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	585	585											
		550A0730	STORM SEWERS, CLASS A, TYPE 3 30"	FOOT	99	99											
		550A0780	STORM SEWERS, CLASS A, TYPE 3 48"	FOOT	170	170											
		550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	231	231											
		550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	16	16											
		550B0090	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	275	275											
		550B0120	STORM SEWERS, CLASS B, TYPE 1 24"	FOOT	174	174											
		550B0140	STORM SEWERS, CLASS B, TYPE 1 30"	FOOT	15	15											
		550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	788	788											
		550B0360	STORM SEWERS, CLASS B, TYPE 2 15"	FOOT	84	84											
		550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	383	383											
		550B0410	STORM SEWERS, CLASS B, TYPE 2 24"	FOOT	390	390											
		550B0430	STORM SEWERS, CLASS B, TYPE 2 30"	FOOT	979	979											
		550B0450	STORM SEWERS, CLASS B, TYPE 2 36"	FOOT	71	71											
		550B0480	STORM SEWERS, CLASS B, TYPE 2 48"	FOOT	477	477											
		550B0710	STORM SEWERS, CLASS B, TYPE 3 24"	FOOT	390	390											
		550B0730	STORM SEWERS, CLASS B, TYPE 3 30"	FOOT	216	216											
		550B0750	STORM SEWERS, CLASS B, TYPE 3 36"	FOOT	284	284											
		550B0780	STORM SEWERS, CLASS B, TYPE 3 48"	FOOT	691	691											
		59000200	EPOXY CRACK INJECTION	FOOT	180					180							
		59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	332		153	85	94								
		60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	11	11											
		60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1											
		60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	44	44											
		60200405	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 4 FRAME AND GRATE	EACH	2	2											
		60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11											
		60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1											
		60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	45	45											
		60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	9											
		60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	88	88											
		60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	2	2											
		60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	13	13											
		60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	73	73											
		60240225	INLETS, TYPE B, TYPE 4 FRAME AND GRATE	EACH	2	2											

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PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 300
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = duncanbd	DESIGNED - MWS	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - MWS	REVISED -
PLOT DATE = 10/20/2011	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

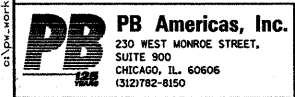
SCALE:	SOQ - 4 OF 9	STA. TO STA.
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F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 7
FINAL SUBMITTAL		CONTRACT NO. 66985		
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN											
						FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%	
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%	STATE = 20%	STATE = 0%	
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%	CITY = 0%	CITY = 100%	
ROADWAY	NEW SIDEWALK & SHARED USE PATH	STRUCTURAL					WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT	EMERGENCY VEHICLE PRE-EMPTION	HIGHWAY LIGHTING					
0003	0028	0040	0040	0013	0040	0040						0021	0021				
		60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	1	1											
		60257900	MANHOLES TO BE RECONSTRUCTED	EACH	7	7											
		60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5											
		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5	5											
		60500040	REMOVING MANHOLES	EACH	8	8											
		60500060	REMOVING INLETS	EACH	27	27											
		60602800	CONCRETE GUTTER, TYPE B	FOOT	319			319									
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	4,262	4,262											
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	26,025	26,025											
		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	78,154	78,154											
		60618390	CONCRETE MEDIAN SURFACE, CORRUGATED	SQ FT	2,484	2,484											
		60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	125	125											
		60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	6,555	6,555											
		60625600	ISLAND PAVEMENT (6")	SQ YD	66	66											
△		63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	3	3											
△		63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3											
		63200310	GUARDRAIL REMOVAL	FOOT	2,556	2,556											
		63300705	RUB RAIL	FOOT	44	44											
		66400305	CHAIN LINK FENCE, 6'	FOOT	1,111	1,111											
		66407500	CHAIN LINK GATES, 6' X 10' DOUBLE	EACH	1	1											
△		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	1,100	1,100											
△		66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1											
△		66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2											
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	20	20											
		67100100	MOBILIZATION	L SUM	1	1											
		70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1	1											
		70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1											
		70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1											
		70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1											
		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1											
		70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	548	548											
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	72	72											
		70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	952	952											
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	175,872	175,872											
		70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	6,446	6,446											
		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,381	2,381											

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FILE NAME = duncanbd
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 PLOT DATE = 10/20/2011

DESIGNED - MWS
 DRAWN - MWS
 CHECKED - KJB
 DATE - 08-18-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SOQ - 5 OF 9 STA. TO STA.

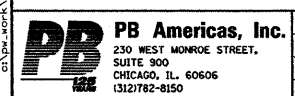
F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 8
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

URBAN

Table with columns: SPECIALTY ITEM, SPECIAL PROV., CODE NO., DESCRIPTION, UNIT, TOTAL QUANTITY, and various funding source columns (FED, STATE, CITY, STRUCTURAL, WAUBONSEE DR, MITCHELL DR, LAKEWOOD SPRINGS DR, SIGNAL INTER-CONNECT, EMERGENCY VEHICLE PRE-EMPTION, HIGHWAY LIGHTING).

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Metadata table with columns: FILE NAME, DESIGNED, REVISED, DRAWN, CHECKED, DATE, PLOT SCALE, PLOT DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

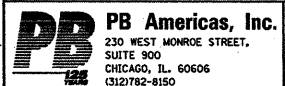
SCALE: SQ0 - 6 OF 9 STA. TO STA.

Table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and CONTRACT NO. 66985

Rev.

SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	URBAN										
						FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%	STATE = 20%	STATE = 0%
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%	CITY = 0%	CITY = 100%
ROADWAY	NEW SIDEWALK & SHARED USE PATH	SN 047-8800	SN 047-8801	SN 047 -0051	SN 047-2559	SN 047-2541	WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT	EMERGENCY VEHICLE PRE-EMPTION	HIGHWAY LIGHTING				
0003	0028	0040	0040	0013	0040	0040	0021				0021	0021				
△		84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1											1
△		X8570225	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	2								1	1		
△		86000100	MASTER CONTROLLER	EACH	1									1		
△		86200300	UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	2								1	1		
△		86400100	TRANSCEIVER - FIBER OPTIC	EACH	2										2	
△		87100020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3253										3253	
△		87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3189										3189	
△		87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	2703								1046	808	849	
△		87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	4136								1102	850	891	1293
△		87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4413								973	1708	1732	
△		87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2060								645	698	717	
△		87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4985								1360	1847	1778	
△		87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	54									26	28	
△		87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	852									416	436	
△		87501200	TRAFFIC SIGNAL POST, 16 FT.	EACH	2								1	1		
△		87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1										1	
△		87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1									1		
△		87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1									1		
△		87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1										1	
△		87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1										1	
△		87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1									1		
△		87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT.	EACH	1								1			
△		87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16									8	8	
△		87800150	CONCRETE FOUNDATION, TYPE C	FOOT	8									4	4	
△		87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	76									33	43	
△		87900200	DRILL EXISTING HANDHOLE	EACH	21								21			
△		88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6									3	3	
△		88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	14								2	6	6	
△		88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5								1	2	2	
△		88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4									2	2	
△		88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	20								8	6	6	
△		88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	29								3	13	13	
△		88500100	INDUCTIVE LOOP DETECTOR	EACH	16								2	7	7	
△		88600100	DETECTOR LOOP, TYPE I	FOOT	3853								1721	1070	1062	
△		88700200	LIGHT DETECTOR	EACH	6											6
△		88700300	LIGHT DETECTOR AMPLIFIER	EACH	2											2



FILE NAME = duncanbd
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 10/20/2011

DESIGNED - MWS
 DRAWN - MWS
 CHECKED - KJB
 DATE - 08-18-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SQ - 7 OF 9 STA. TO STA.

F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 10
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

SUMMARY OF QUANTITIES

URBAN

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%	STATE = 20%	STATE = 0%
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%	CITY = 0%	CITY = 100%
						ROADWAY	NEW SIDEWALK & SHARED USE PATH	STRUCTURAL			WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT	EMERGENCY VEHICLE PRE-EMPTION	HIGHWAY LIGHTING
		0003	0028	0040	0040	0013	0040	0040	0021			0021	0021			
Δ		88800100	PEDESTRIAN PUSH-BUTTON	EACH	16							4	6	6		
Δ		89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3	3										
Δ		89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3							3				
Δ	*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3							1	1	1		
Δ	*	89502380	REMOVE EXISTING HANDHOLE	EACH	18							3	3	12		
Δ	*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	10								5	5		
	*	X0323260	SEDIMENT BASIN	EACH	20	20										
	*	X0323265	REMOVE EXISTING RIPRAP	SQ YD	98	98										
	*	X0324043	GRATING FOR CONCRETE HEADWALL	EACH	2											
	*	X0325751	DRIVING SOLDIER PILES	FOOT	2,324			1,376	948							
Δ	*	X0325938	TEMPORARY WIRELESS INTERCONNECT, COMPLETE	L SUM	1										1	
	*	X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	336					150	101	85				
	*	X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	475	475										
	*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	1,056	1,056										
	*	50201121	COFFERDAM (TYPE 2) (LOCATION 1)	EACH	1					1						
	*	50201122	COFFERDAM (TYPE 2) (LOCATION 2)	EACH	1					1						
	*	50201123	COFFERDAM (TYPE 2) (LOCATION 3)	EACH	1					1						
	*	50201124	COFFERDAM (TYPE 2) (LOCATION 4)	EACH	1					1						
	*	50800530	MECHANICAL SPLICERS	EACH	16					16						
	*	X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	4,083	4,083										
	*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	3	3										
	*	X6026400	MANHOLES, DROP TYPE, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1										
	*	X6026600	MANHOLES, DROP TYPE, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4										
	*	X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	342	342										
	*	X6061460	PAVED DITCH (SPECIAL)	FOOT	430	430										
	*	X6650202	WOVEN WIRE FENCE REMOVAL	FOOT	1,508	1,508										
Δ	*	X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	2,478	2,478										
Δ	*	X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1170											1170
Δ	*	X8950115	RELOCATE LIGHT DETECTOR	EACH	1											1
	*	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	4,571	4,571										
	*	Z0001058	AGGREGATE SUBGRADE 18"	SQ YD	6,304	6,304										
	*	Z0004552	APPROACH SLAB REMOVAL	SQ YD	160					160						
Δ	*	Z0007118	UNTREATED TIMBER LAGGING	SQ FT	2,988			1,935	1,053							
	*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1										
	*	Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	2					2						
	*	Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	6					6						

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PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = duncanbd	DESIGNED - MWS	REVISED - BDD 10-19-2011
PLOT SCALE = 28.8000' / 1" =	DRAWN - MWS	REVISED -
PLOT DATE = 10/19/2011	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: 500 - 8 OF 9 STA. TO STA.

F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(D);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 11
FINAL SUBMITTAL		CONTRACT NO. 66985		
ILLINOIS FED. AID PROJECT				

URBAN
SUMMARY OF QUANTITIES

SPECIALTY ITEM	SPECIAL PROV.	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	FED =80%	FED =80%	FEDERAL = 80%					FED =80%	FEDERAL = 80%	FED =80%	FEDERAL = 0%
						STATE = 20%	STATE = 0%	STATE = 20%					STATE = 10%	STATE = 13.4%	STATE = 20%	STATE = 0%
						CITY = 0%	CITY = 20%	CITY = 0%					CITY = 10%	CITY = 6.6%	CITY = 0%	CITY = 100%
						ROADWAY	NEW SIDEWALK & SHARED USE PATH	STRUCTURAL			WAUBONSEE DR TRAFFIC SIGNAL	MITCHELL DR TRAFFIC SIGNAL	LAKWOOD SPRINGS DR TRAFFIC SIGNAL	SIGNAL INTER-CONNECT	EMERGENCY VEHICLE PRE-EMPTION	HIGHWAY LIGHTING
0003	0028	0040	0040	0013	0040	0040	0021			0021	0021					
		Z0023600	FILLING EXISTING CULVERTS	EACH	4	1					3					
		70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1										
		Z0026402	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	2,396			1,376	1,020							
		Z0026407	TEMPORARY SHEET PILING	SQ FT	540.0				540							
		64300750	IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 2	EACH	1	1										
		Z0030280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	8	8										
		Z0030360	IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 3	EACH	13	13										
Δ		Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1								1			
		Z0041700	PLUG EXISTING STORM SEWERS	EACH	2	2										
		Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	647			318	185	144						
Δ		Z0054400	ROCK FILL	CU YD	235					134	101					
		Z0056618	STORM SEWER (WATER MAIN REQUIREMENTS) 27 INCH	FOOT	15	15										
		Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	22	22										
		Z0062456	TEMPORARY PAVEMENT	SQ YD	8,858	8,858										
		Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1,150					999	151					
Δ		Z0033043	RE-OPTIMIZE TEMPORARY TRAFFIC SIGNAL SYSTEM	EACH	1								1			
		X0327346	TEMPORARY AGGREGATE WEDGE	TON	258	258										
		X0327301	RELOCATE EXISTING MAIL BOX	EACH	7	7										
Δ		X6300120	STEEL PLATE BEAM GUARD RAIL, 6 FOOT POSTS, SPECIAL	FOOT	216	216										
⊙		Z0076600	TRAINEES	HOUR	2,500	2,500										

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FILE NAME = duncanbd
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 10/20/2011

DESIGNED - MWS
 DRAWN - MWS
 CHECKED - KJB
 DATE - 08-18-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SOQ - 9 OF 9 STA. TO STA.

F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 12
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

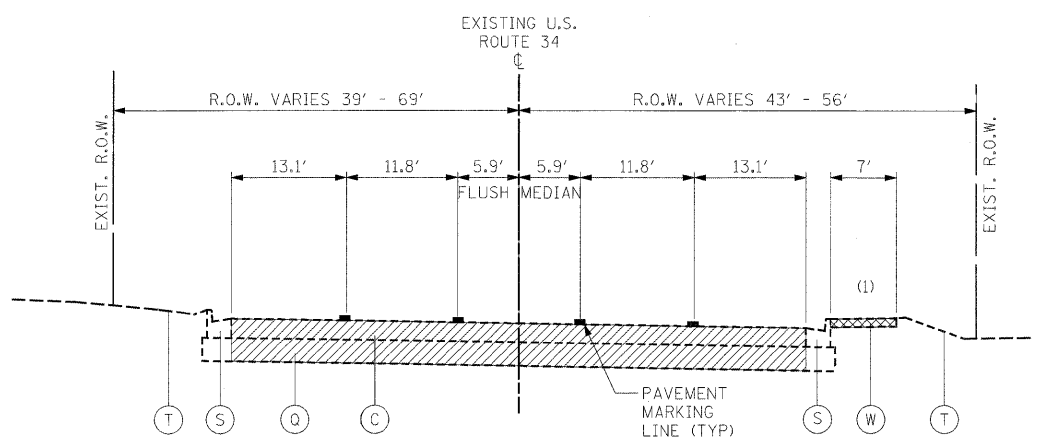
Rev.

EXISTING LEGEND

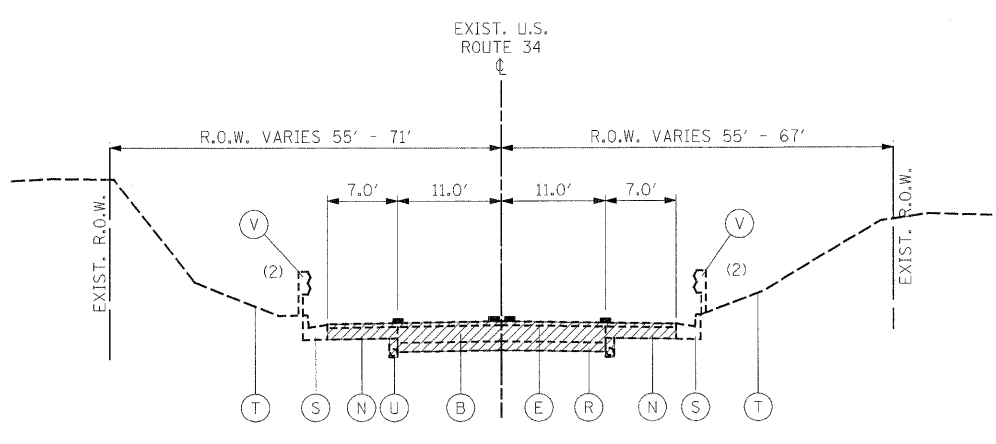
- (A) PCC PAVEMENT 7"±
- (B) PCC PAVEMENT 10"
- (C) HMA PAVEMENT 12 1/6"
- (D) HMA OVERLAYS 1 1/2"
- (E) HMA OVERLAYS 3 1/2"
- (F) HMA OVERLAYS 9 3/4"±
- (G) HMA OVERLAYS 10 1/4"±
- (H) HMA OVERLAYS 11 1/4"±
- (I) HMA OVERLAYS VARIES 6" TO 12"
- (J) HMA WIDENING 14"± (2004)
- (K) HMA WIDENING 11 1/2" (2008)
- (L) HMA WIDENING 10" (1996)
- (M) HMA SHOULDERS 6"±
- (N) HMA SHOULDERS 8"
- (O) BIT BASE COURSE 10"
- (P) AGG SHOULDERS
- (Q) SUB-BASE GRANULAR MATERIAL 12"
- (R) GRANULAR BASE 6" AND VARIES
- (S) COMBINATION CURB & GUTTER TYPE B-6.24
- (T) TOPSOIL & GRASS
- (U) UNDERDRAIN 4"
- (V) GUARDRAIL
- (W) P.C.C. SIDEWALK

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL

- NOTES**
- * EXISTING 7"± PCC PAVEMENT WAS LEFT IN PLACE WHEN EXISTING 10" PCC PAVEMENT WAS CONSTRUCTED (1945). DEPTH OF 7" PCC PAVEMENT BELOW 10" PCC PAVEMENT VARIES.
STA. 39+70.00 TO STA. 91+08.69 & STA. 94+08.69 TO STA. 111+25.60
 - EXISTING PAVEMENT THICKNESS TAKEN FROM AS-BUILT PLANS.
 - STATIONING FOR EXISTING TYPICAL SECTIONS PROVIDED FROM PROPOSED U.S. 34 CL

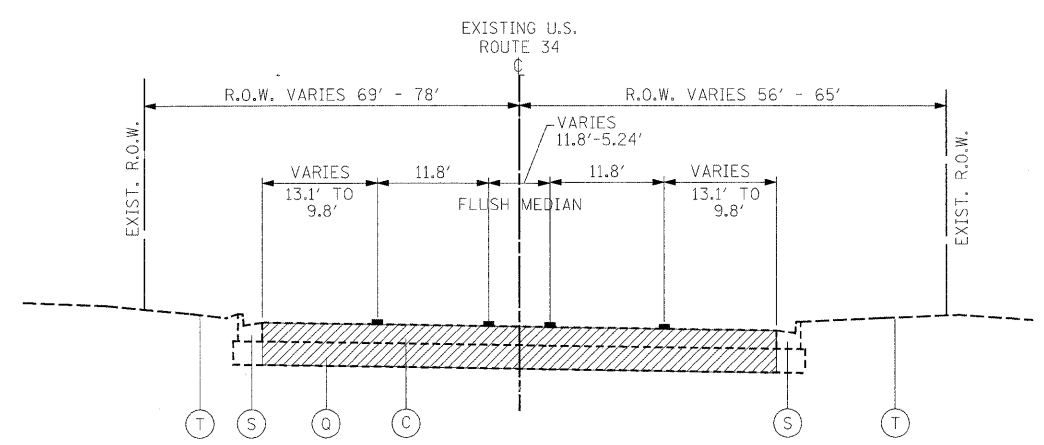


EXISTING TYPICAL SECTION U.S. ROUTE 34
STA. 7+00.00 TO STA. 11+27.82
(1) EXISTING SIDEWALK ENDS STA. 9+00.00

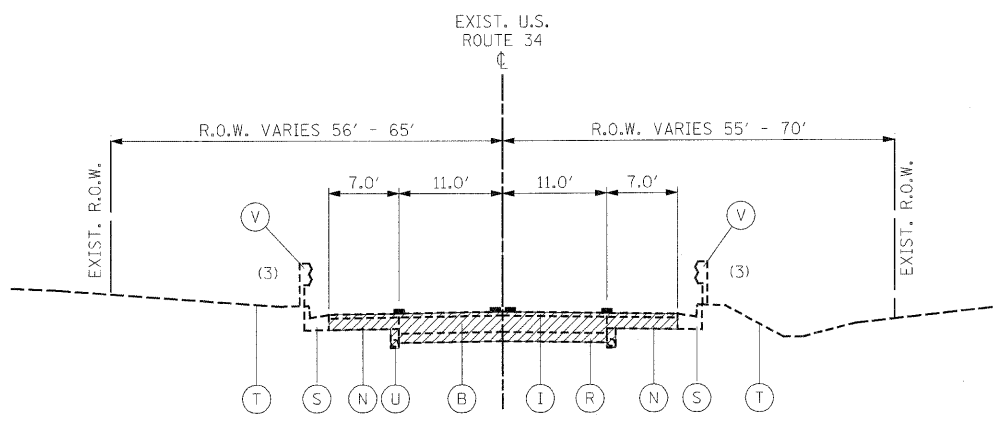


EXISTING TYPICAL SECTION U.S. ROUTE 34
STA. 14+75.93 TO STA. 19+68.21
EXIST. GUARDRAIL (2) STA. 16+86 TO 19+59 LT STA. 16+99 TO 18+77 RT STA. 19+24 TO 19+76 RT

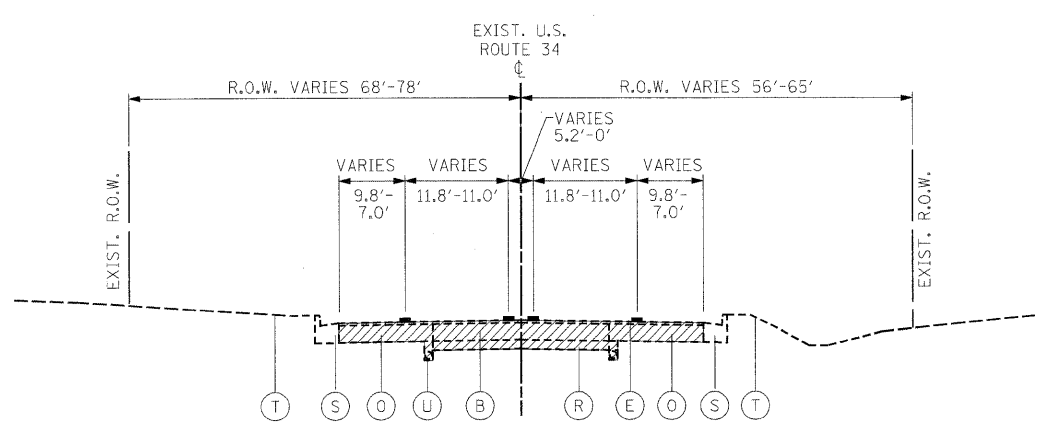
BRIDGE OMISSION:
STA. 19+67.75 TO STA. 21+29.79



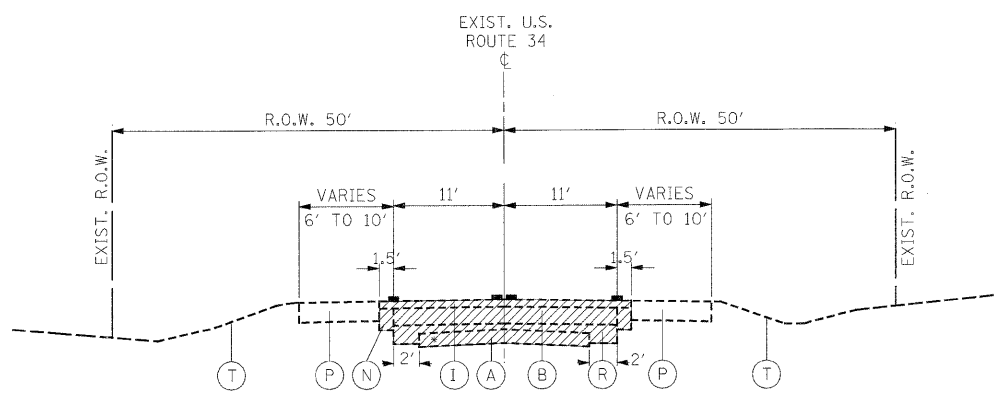
EXISTING TYPICAL SECTION U.S. ROUTE 34
STA. 11+27.82 TO STA. 12+95.10



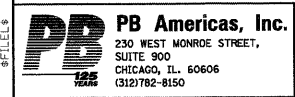
EXISTING TYPICAL SECTION U.S. ROUTE 34
STA. 21+29.79 TO STA. 37+08.00
EXIST. GUARDRAIL (3) STA. 21+31 TO 25+47 LT STA. 25+86 TO 28+19 LT STA. 21+31 TO 29+86 RT



EXISTING TYPICAL SECTION U.S. ROUTE 34
FROM STA. 12+95.10 TO STA. 14+75.93



EXISTING TYPICAL SECTION U.S. ROUTE 34
STA. 37+08.00 TO STA. 59+62.00



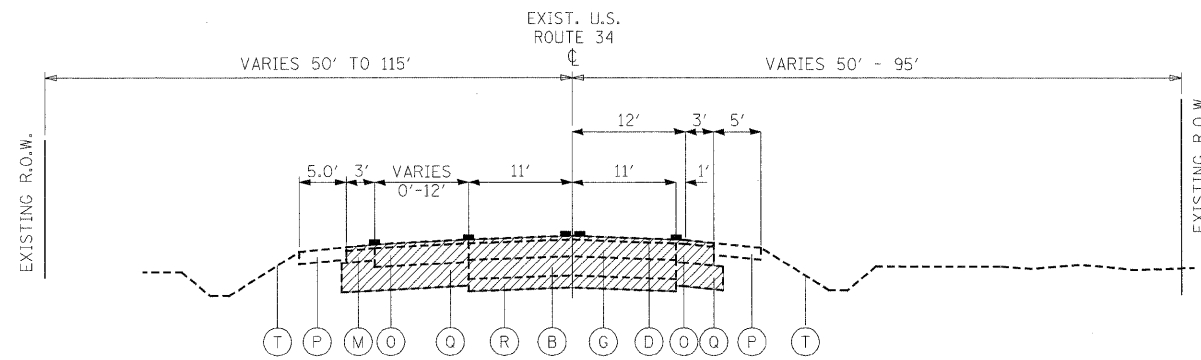
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PLOT SCALE =	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 08:10	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

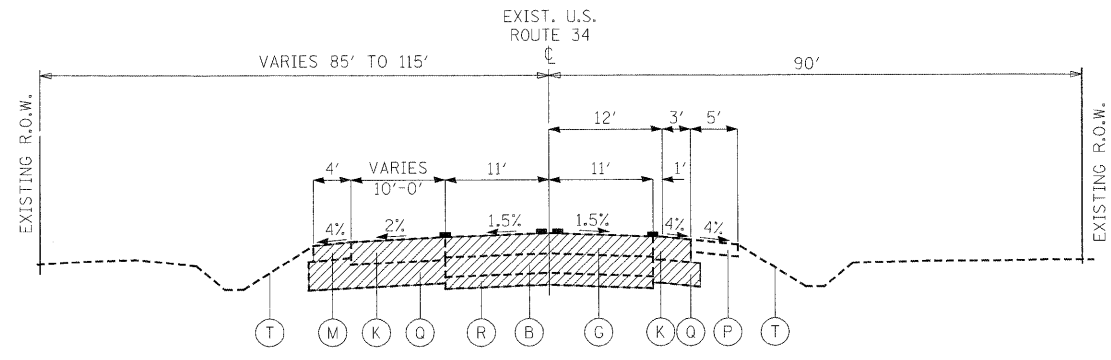
TYPICAL SECTIONS

SCALE: N.T.S. TYP - 1 OF 11 STA. TO STA.

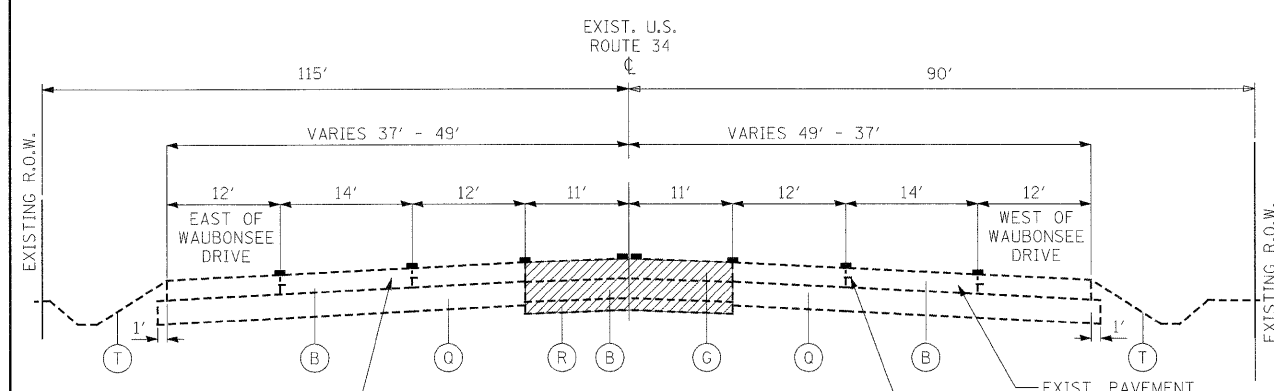
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	13
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



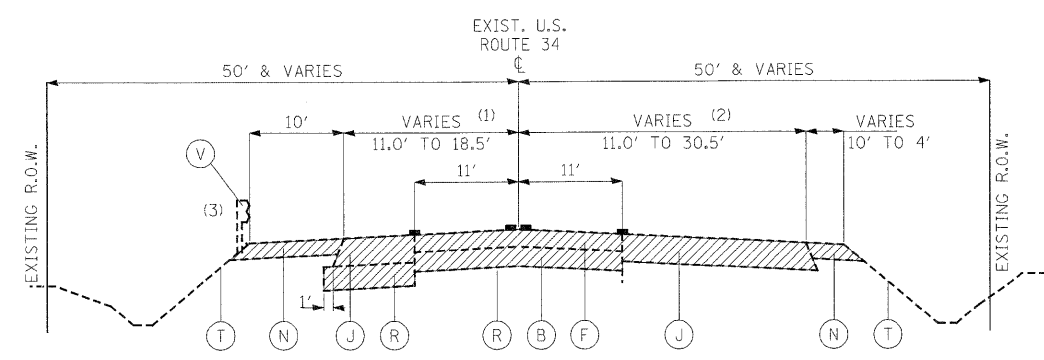
EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 59+62.00 TO STA. 64+16.67



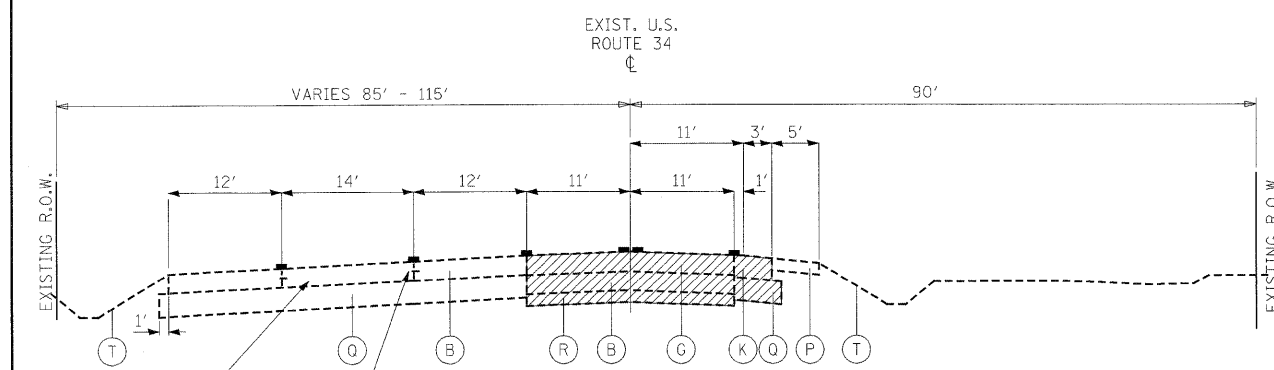
EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 67+64.55 TO STA. 69+00.00



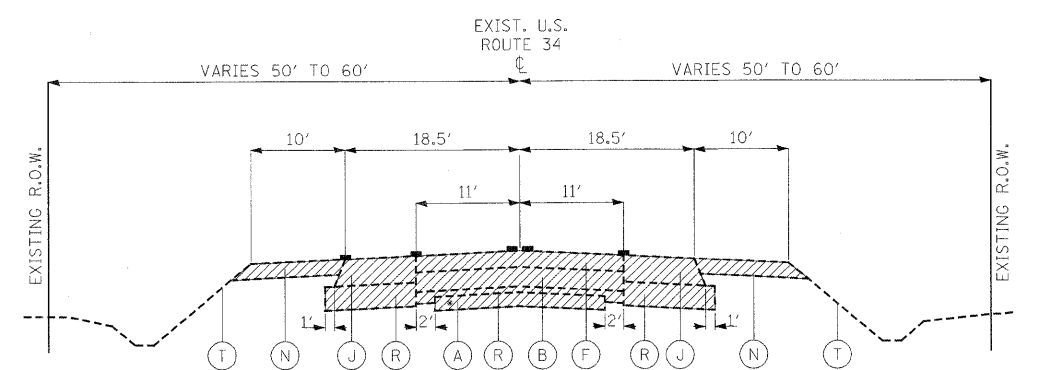
EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 64+16.67 TO STA. 65+95.00



EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 69+00.00 TO STA. 78+80.00



EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 65+95.00 TO STA. 67+64.55



EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 78+80.00 TO STA. 90+80.00

EXISTING LEGEND

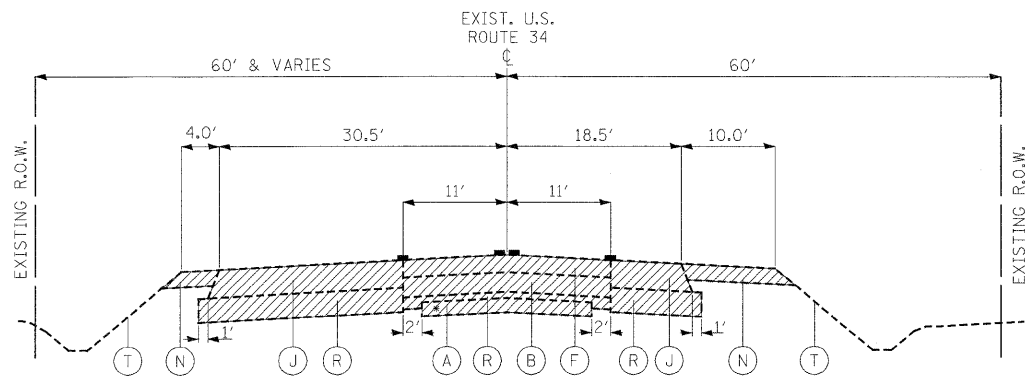
- (A) PCC PAVEMENT 7"±
- (B) PCC PAVEMENT 10"
- (C) HMA PAVEMENT 12 1/6"
- (D) HMA OVERLAYS 1 1/2"
- (E) HMA OVERLAYS 3 1/2"
- (F) HMA OVERLAYS 9 3/4"±
- (G) HMA OVERLAYS 10 1/4"±
- (H) HMA OVERLAYS 11 1/4"±
- (I) HMA OVERLAYS VARIES 6" TO 12"
- (J) HMA WIDENING 14"± (2004)
- (K) HMA WIDENING 11 1/2" (2008)
- (L) HMA WIDENING 10" (1996)
- (M) HMA SHOULDERS 6"±
- (N) HMA SHOULDERS 8"
- (O) BIT BASE COURSE 10"
- (P) AGG SHOULDERS
- (Q) SUB-BASE GRANULAR MATERIAL 12"
- (R) GRANULAR BASE 6" AND VARIES
- (S) COMBINATION CURB & GUTTER TYPE B-6.24
- (T) TOPSOIL & GRASS
- (U) UNDERDRAIN 4"
- (V) GUARDRAIL
- (W) P.C.C. SIDEWALK

- [Hatched Box] PAVEMENT REMOVAL
- [Cross-hatched Box] SIDEWALK REMOVAL

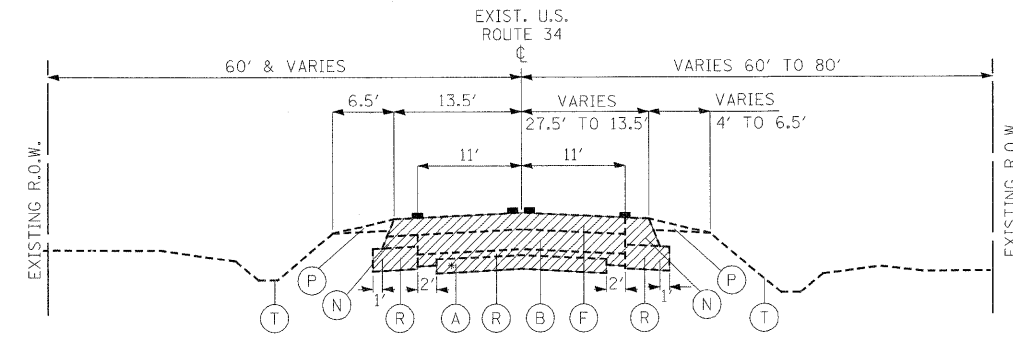
NOTES

- * EXISTING 7"± PCC PAVEMENT WAS LEFT IN PLACE WHEN EXISTING 10" PCC PAVEMENT WAS CONSTRUCTED (1945). DEPTH OF 7" PCC PAVEMENT BELOW 10" PCC PAVEMENT VARIES.
STA. 39+70.00 TO STA. 91+08.69 & STA. 94+08.69 TO STA. 111+25.60
- EXISTING PAVEMENT THICKNESS TAKEN FROM AS-BUILT PLANS.
- STATIONING FOR EXISTING TYPICAL SECTIONS PROVIDED FROM PROPOSED U.S. 34 ☐

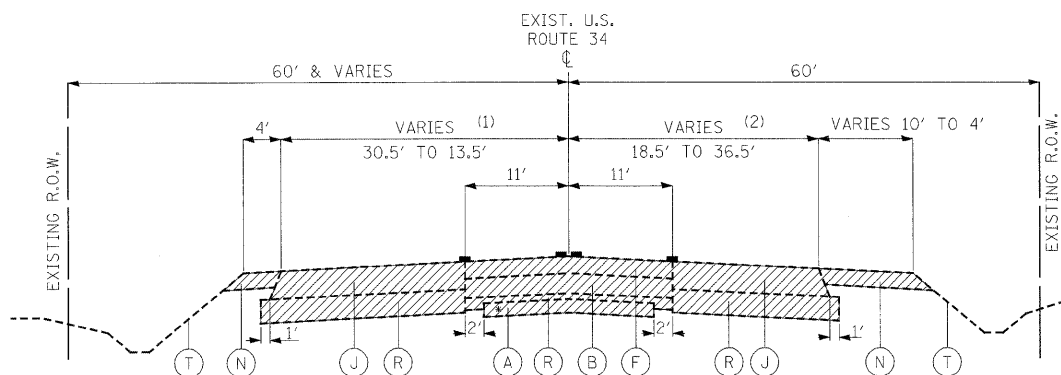
- (3) EXIST. GUARDRAIL FROM STA. 77+17.00 TO STA. 79+95 LT
- (1) WIDTH VARIES FROM 11.0' TO 18.5' FROM STA. 69+00.00 TO STA 72+26.00
WIDTH 18.5' FROM STA. 72+26.00 TO STA 78+80.00
- (2) WIDTH VARIES FROM 11.0' TO 18.5' FROM STA. 69+00.00 TO STA 72+26.00
WIDTH VARIES FROM 18.5' TO 30.5' FROM STA. 72+26.00 TO STA 77+86.00
WIDTH 18.5' FROM STA 77+86.00 TO 78+80.00



EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 90+80.00 TO STA. 93+43.52



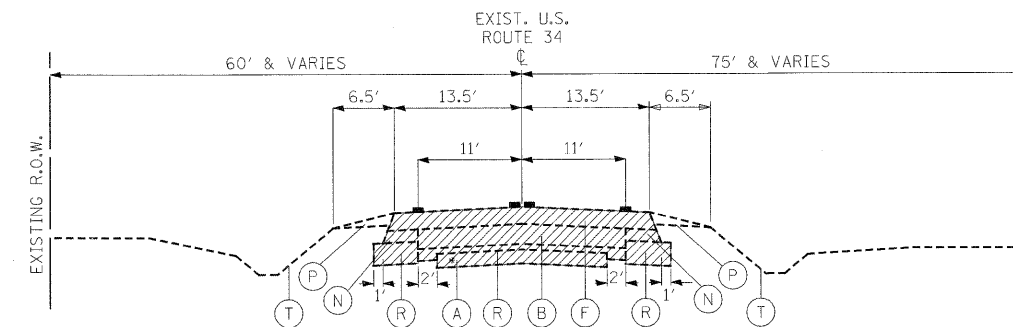
EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 99+87.70 TO STA. 106+68.35



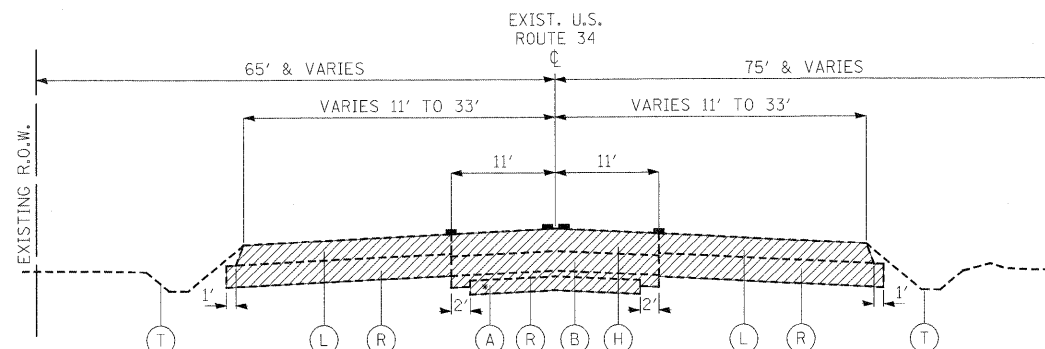
EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 93+43.52 TO STA. 97+77.37

(1) WIDTH 30.5' FROM STA. 93+43.52 TO 94+73.35
WIDTH VARIES FROM 30.0' TO 13.5'
FROM STA. 94+73.35 TO 97+77.35

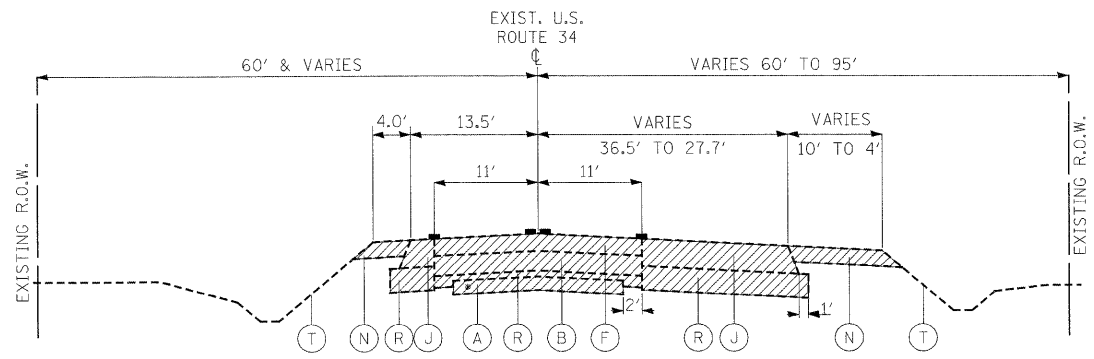
(2) WIDTH VARIES FROM 18.5' TO 34.0'
FROM STA. 93+43.52 TO 95+97.00
WIDTH VARIES FROM 34.0' TO 36.5'
FROM STA. 95+97.00 TO STA. 97+77.37



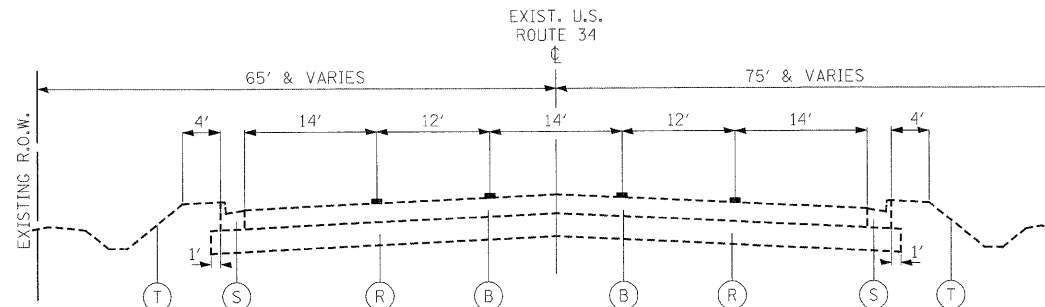
EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 106+68.35 TO STA. 107+45.50



EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 107+45.50 TO STA. 111+25.00



EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 97+77.37 TO STA. 99+87.70



EXISTING TYPICAL SECTION
U.S. ROUTE 34
STA. 111+25.50 TO STA. 119+21.00

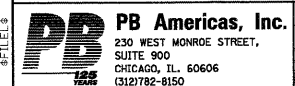
EXISTING LEGEND

- (A) PCC PAVEMENT 7"±
- (B) PCC PAVEMENT 10"
- (C) HMA PAVEMENT 12 1/6"
- (D) HMA OVERLAYS 1 1/2"
- (E) HMA OVERLAYS 3 1/2"
- (F) HMA OVERLAYS 9 3/4"±
- (G) HMA OVERLAYS 10 1/4"±
- (H) HMA OVERLAYS 11 1/4"±
- (I) HMA OVERLAYS VARIES 6" TO 12"
- (J) HMA WIDENING 14"± (2004)
- (K) HMA WIDENING 11 1/2" (2008)
- (L) HMA WIDENING 10" (1996)
- (M) HMA SHOULDERS 6"±
- (N) HMA SHOULDERS 8"
- (O) BIT BASE COURSE 10"
- (P) AGG SHOULDERS
- (Q) SUB-BASE GRANULAR MATERIAL 12"
- (R) GRANULAR BASE 6" AND VARIES
- (S) COMBINATION CURB & GUTTER TYPE B-6.24
- (T) TOPSOIL & GRASS
- (U) UNDERDRAIN 4"
- (V) GUARDRAIL
- (W) P.C.C. SIDEWALK

- PAVEMENT REMOVAL
- SIDEWALK REMOVAL

NOTES

1. * EXISTING 7"± PCC PAVEMENT WAS LEFT IN PLACE WHEN EXISTING 10" PCC PAVEMENT WAS CONSTRUCTED (1945). DEPTH OF 7" PCC PAVEMENT BELOW 10" PCC PAVEMENT VARIES. STA. 39+70.00 TO STA. 91+08.69 & STA. 94+08.69 TO STA. 111+25.60
2. EXISTING PAVEMENT THICKNESS TAKEN FROM AS-BUILT PLANS.
3. STATIONING FOR EXISTING TYPICAL SECTIONS PROVIDED FROM PROPOSED U.S. 34 CL



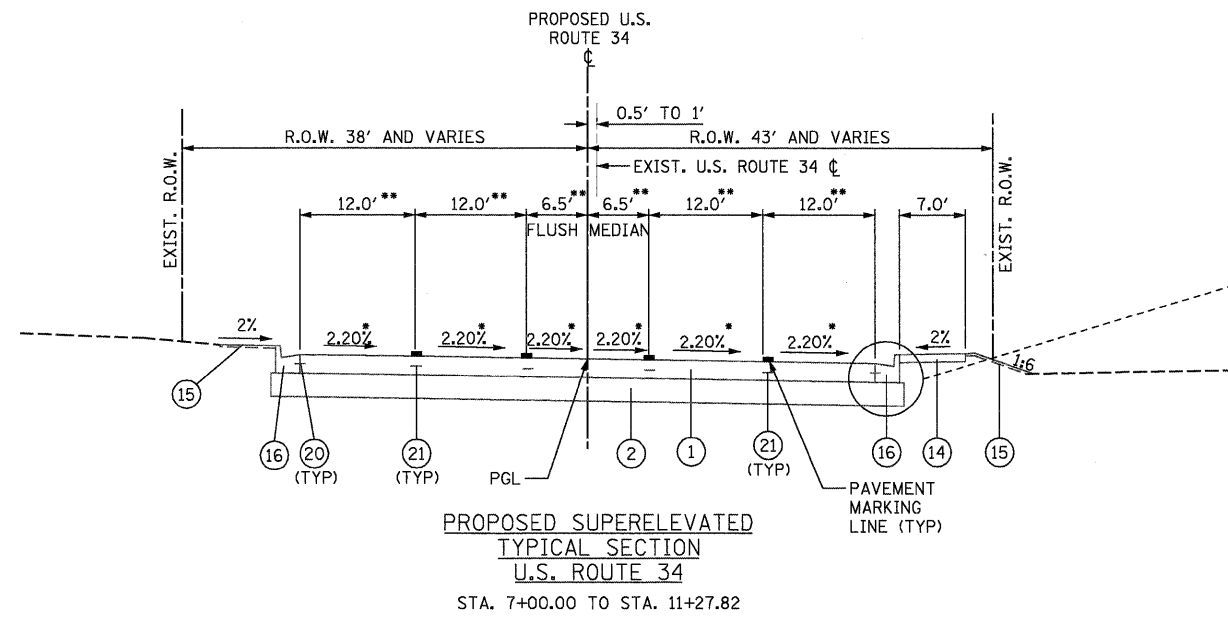
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PLOT SCALE =	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 08:10	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

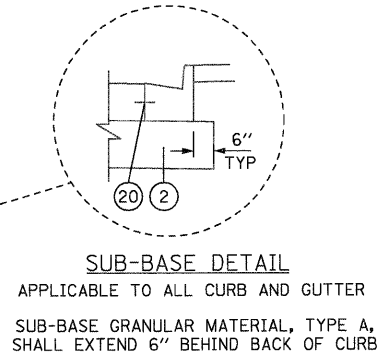
TYPICAL SECTIONS

SCALE: N.T.S. TYP - 3 OF 11 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1015R-1	KENDALL	429	15
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



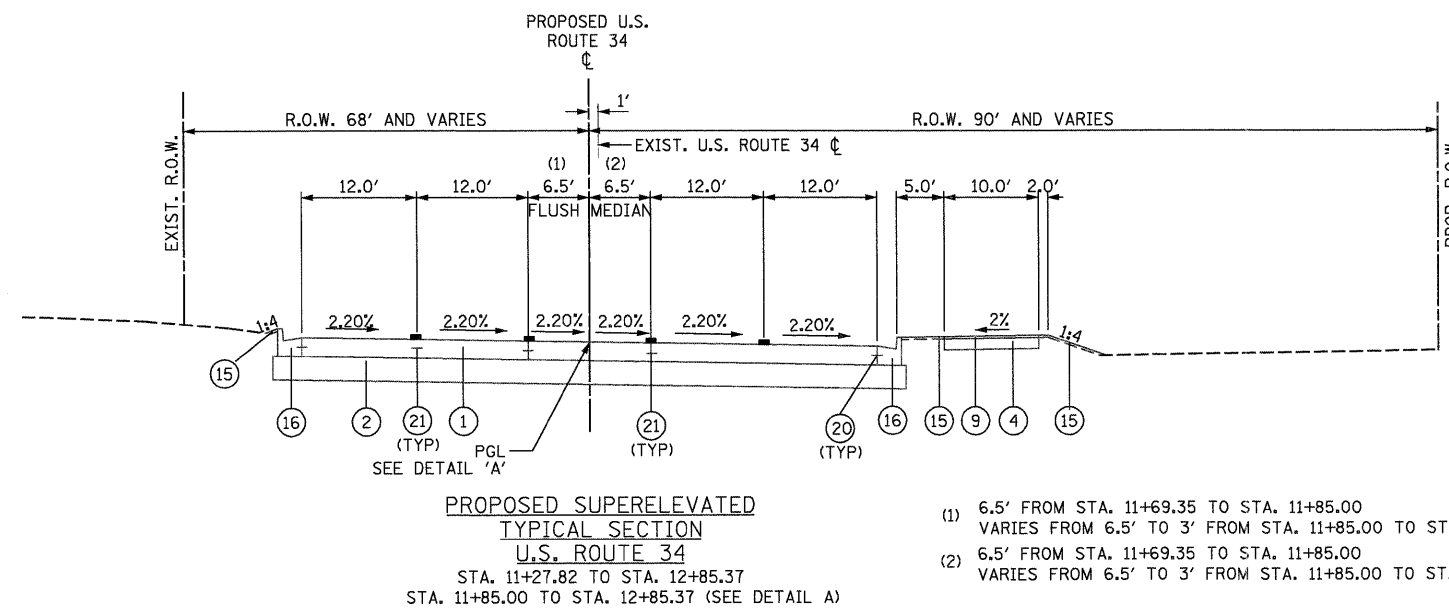
- * SUPERELEVATION TRANSITION FROM 1.8% (EXIST. SE) TO 2.2% (PROP. SE) FROM STA. 7+00.00 TO 7+30.00
- ** VARIES LANE WIDTH TO MATCH EXISTING PAVEMENT FROM STA. 7+00.00 TO 7+30.00



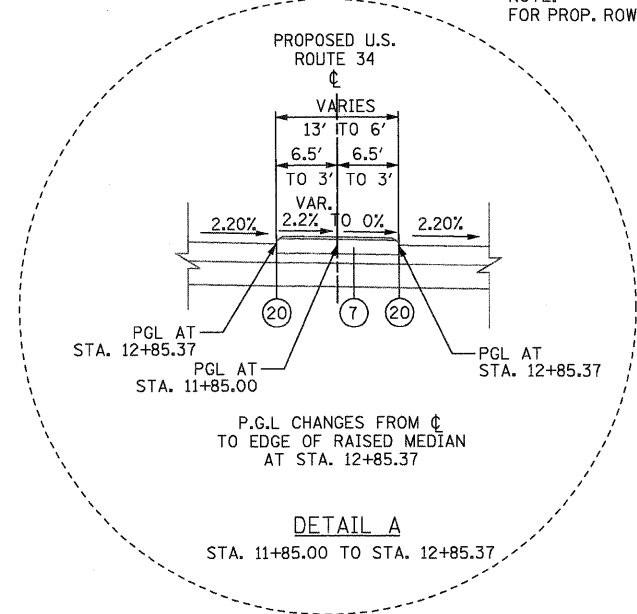
PROPOSED LEGEND

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
- 2 SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- 3 SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- 4 AGGREGATE BASE COURSE, TY A, 6"
- 5 CONCRETE MEDIAN, TYPE SB-6.24
- 6 CONCRETE MEDIAN SURFACE, 4"
- 7 CONCRETE MEDIAN SURFACE, CORRUGATED
- 8 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
- 9 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- 10 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
- 11 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
- 12 HOT-MIX ASPHALT SHOULDERS - 6"
- 13 AGGREGATE SURFACE COURSE, TYPE B 12"
- 14 PORTLAND CEMENT CONCRETE SIDEWALK 4"
- 15 TOPSOIL FURNISH AND PLACE, 4"
- 16 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 17 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- 18 TYPE B GUTTER (STD. 606201)
- 19 AGGREGATE SHOULDERS, TYPE B 6"
- 20 LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
- 21 LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- 22 STEEL PLATE BEAM GUARDRAIL, TYPE B
- 23 RETAINING WALL
- 24 AGGREGATE SURFACE COURSE, TYPE B 8"
- 29 PRISMATIC CURB REFLECTOR
- 30 PIPE UNDERDRAINS 4"

NOTE:
FOR PROP. ROW. & PERMANENT EASEMENTS, SEE CROSS SECTIONS



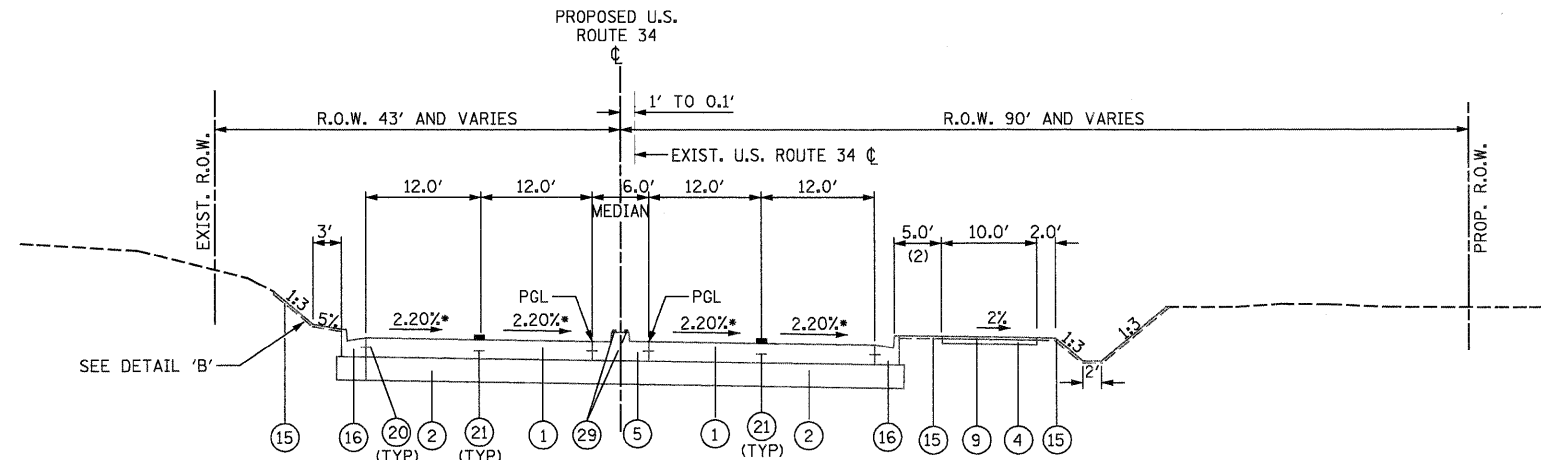
- (1) 6.5' FROM STA. 11+69.35 TO STA. 11+85.00
VARIES FROM 6.5' TO 3' FROM STA. 11+85.00 TO STA. 12+85.37
- (2) 6.5' FROM STA. 11+69.35 TO STA. 11+85.00
VARIES FROM 6.5' TO 3' FROM STA. 11+85.00 TO STA. 12+85.37



PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ④ AGGREGATE BASE COURSE, TY A, 6"
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24
- ⑥ CONCRETE MEDIAN SURFACE, 4"
- ⑦ CONCRETE MEDIAN SURFACE, CORRUGATED
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
- ⑫ HOT-MIX ASPHALT SHOULDERS - 6"
- ⑬ AGGREGATE SURFACE COURSE, TYPE B 12"
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑰ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑱ TYPE B GUTTER (STD. 606201)
- ⑲ AGGREGATE SHOULDERS, TYPE B 6"
- ⑳ LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
- ㉑ LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- ㉒ STEEL PLATE BEAM GUARDRAIL, TYPE B
- ㉓ RETAINING WALL
- ㉔ AGGREGATE SURFACE COURSE, TYPE B 8"
- ㉕ PRISMATIC CURB REFLECTOR
- ㉖ PIPE UNDERDRAINS 4"

NOTE:
FOR PROP. ROW. & PERMANENT EASEMENTS, SEE CROSS SECTIONS

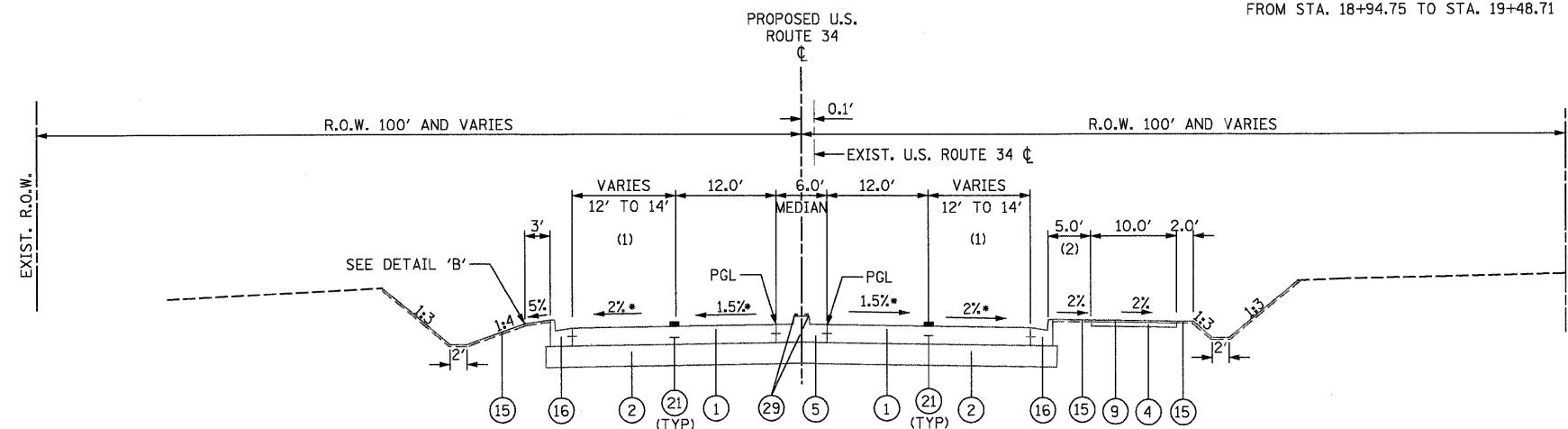


**PROPOSED SUPERELEVATED
TYPICAL SECTION
U.S. ROUTE 34**
STA. 12+85.37 TO STA. 19+27.28

* EAST BOUND: 2.20% FROM STA. 12+85.32 TO STA. 18+28.78
VARIES FROM 2.20% TO 2% FROM STA. 18+28.78 TO STA. 18+35.44
VARIES INSIDE LANE FROM 2% TO 1.5% FROM STA. 18+35.44 TO STA. 18+52.09
INSIDE LANE 1.5% FROM STA. 18+52.09 TO STA. 19+27.29
OUTSIDE LANE 2% FROM STA. 18+35.44 TO STA. 19+27.29

WEST BOUND: 2.20% FROM STA. 12+85.32 TO STA. 18+16.33
VARIES FROM 2.2% TO 0% FROM STA. 18+16.33 TO STA. 18+89.59
VARIES FROM 0% TO 1.13% FROM STA. 18+89.59 TO STA. 19+27.28

(2) WIDTH 5.0' FROM STA. 12+85.37 TO STA. 18+94.75
VARIES FROM 5.0' TO 3.0'
FROM STA. 18+94.75 TO STA. 19+48.71



**PROPOSED TYPICAL SECTION
U.S. ROUTE 34**
STA. 19+27.28 TO STA. 19+67.75
STA. 21+29.79 TO STA. 25+99.87

(1) LANE WIDTH 12.0' FROM STA. 21+30.16 TO STA. 22+24.14
LANE WIDTH VARIES FROM 12.0' TO 14.0'
FROM STA. 22+24.14 TO 23+14.14
LANE WIDTH 14.0' FROM STA. 23+14.14 TO STA. 25+99.87

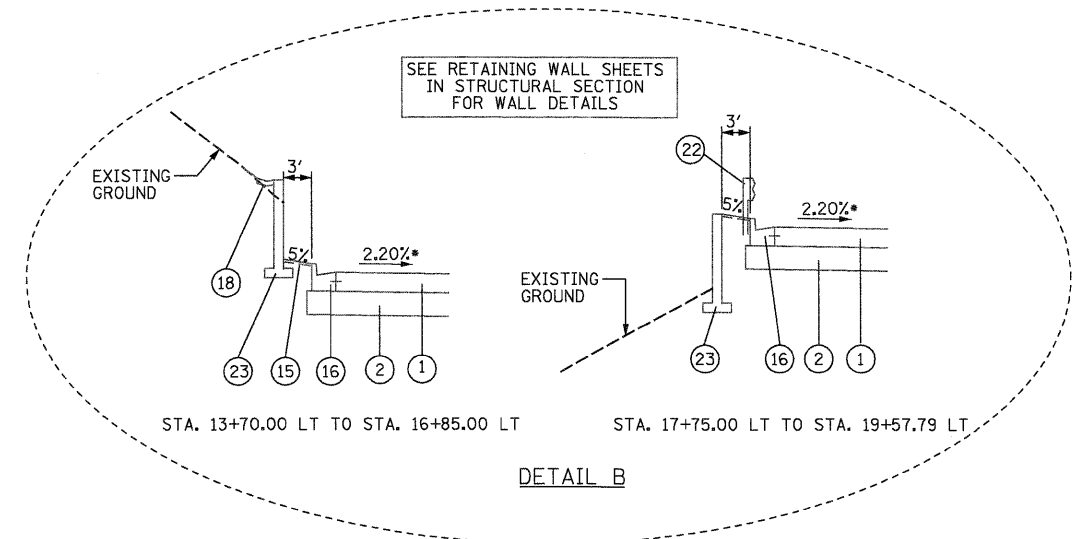
(2) VARIES FROM 1.58' TO 5.0'
FROM STA. 21+70.25 TO STA. 22+44.32
WIDTH 5.0' FROM STA. 22+44.32 TO STA. 25+99.87

* EASTBOUND: INSIDE LANE 1.5% FROM STA. 19+27.28 TO 21+69.03
INSIDE LANE VARIES FROM 1.5% TO 2% FROM STA. 21+69.03 TO STA. 21+85.68
INSIDE LANE 2% FROM STA. 21+85.68 TO STA. 25+99.87
OUTSIDE LANE 2% FROM STA. 19+27.28 TO STA. 25+99.87

WESTBOUND: INSIDE LANE VARIES 1.13% TO 1.5% FROM STA. 19+27.28 TO STA. 19+39.54
INSIDE LANE 1.5% FROM STA. 19+39.54 TO STA. 21+69.03
INSIDE LANE VARIES 1.5% FROM STA. 21+69.03 TO STA. 21+85.68
INSIDE LANE 2% FROM STA. 21+85.68 TO STA. 25+99.87
OUTSIDE LANE VARIES 1.13% TO 2% FROM STA. 19+27.28 TO STA. 19+56.19
OUTSIDE LANE 2% FROM STA. 19+56.19 TO STA. 25+99.87

BRIDGE OMISSION:
STA. 19+67.75 TO STA. 21+29.79
BRIDGE APPROACH
STA. 19+37.75 TO 19+67.75
STA. 21+29.79 TO STA. 21+59.79

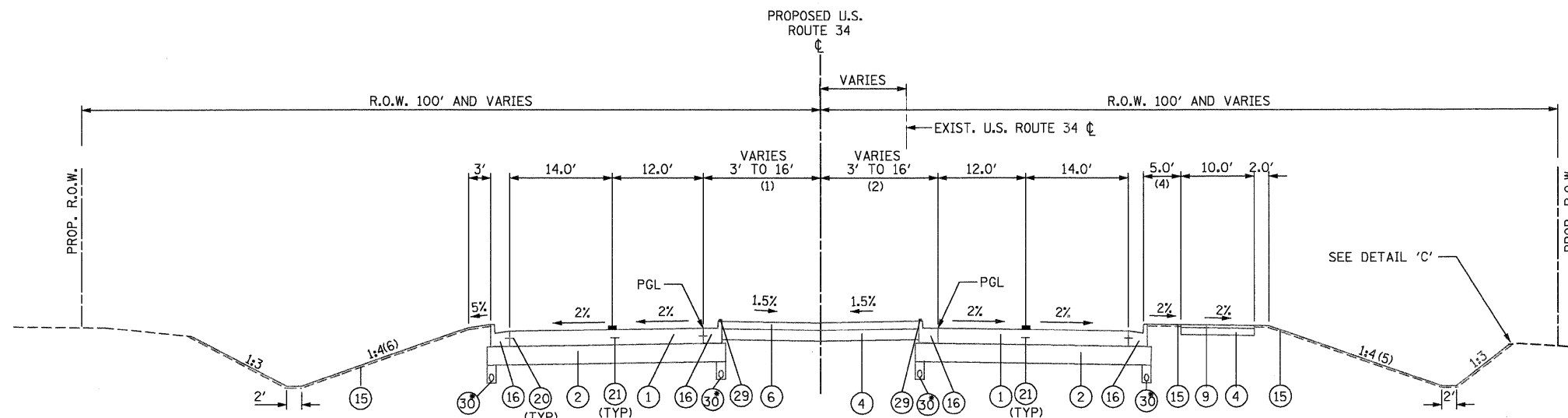
FOR BRIDGE DETAILS
SEE STRUCTURAL PLAN SHEETS



PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ④ AGGREGATE BASE COURSE, TY A, 6"
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24
- ⑥ CONCRETE MEDIAN SURFACE, 4"
- ⑦ CONCRETE MEDIAN SURFACE, CORRUGATED
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
- ⑫ HOT-MIX ASPHALT SHOULDERS - 6"
- ⑬ AGGREGATE SURFACE COURSE, TYPE B 12"
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑰ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑱ TYPE B GUTTER (STD. 606201)
- ⑲ AGGREGATE SHOULDERS, TYPE B 6"
- ⑳ LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
- ㉑ LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- ㉒ STEEL PLATE BEAM GUARDRAIL, TYPE B
- ㉓ RETAINING WALL
- ㉔ AGGREGATE SURFACE COURSE, TYPE B 8"
- ㉕ PRISMATIC CURB REFLECTOR
- ㉖ PIPE UNDERDRAINS 4"

NOTE:
FOR PROP. ROW. & PERMANENT EASEMENTS, SEE CROSS SECTIONS



SUBGRADE TREATMENT:

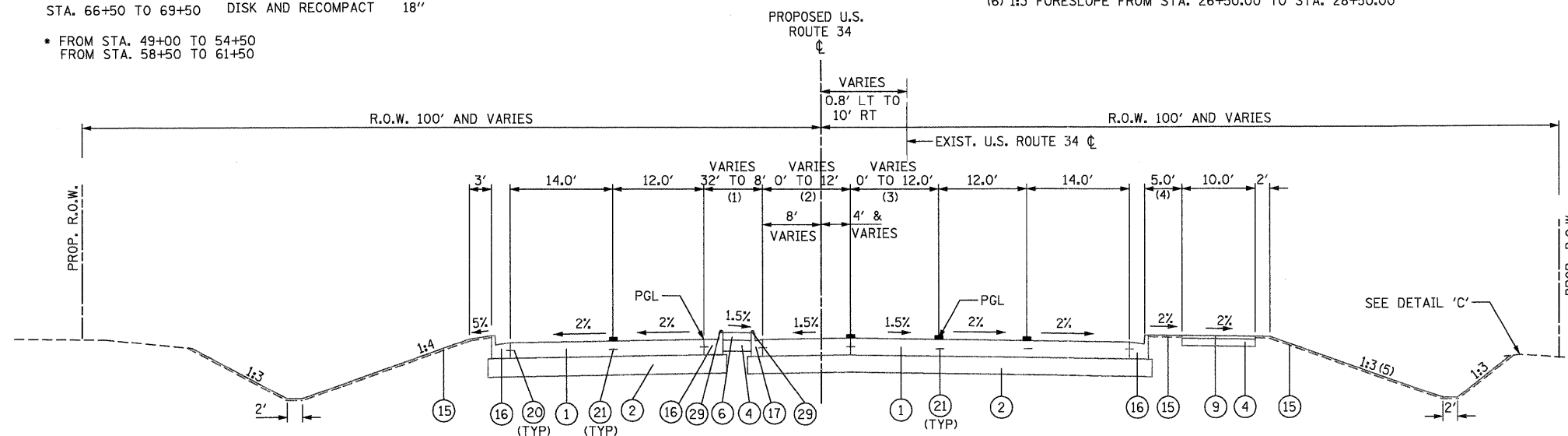
STATION RANGE	TREATMENT	DEPTH
STA. 14+50 TO 17+00	DISK AND RECOMPACT	6"
STA. 17+00 TO 18+50	DISK AND RECOMPACT	12"
STA. 39+50 TO 42+50	DISK AND RECOMPACT	6"
STA. 49+00 TO 54+50	AGGREGATE SUBGRADE	18"
STA. 58+50 TO 61+50	AGGREGATE SUBGRADE	12"
STA. 66+50 TO 69+50	DISK AND RECOMPACT	18"

* FROM STA. 49+00 TO 54+50
FROM STA. 58+50 TO 61+50

PROPOSED TYPICAL SECTION U.S. ROUTE 34

STA. 25+99.87 TO STA. 32+49.42
STA. 42+96.19 TO STA. 57+42.56

- (1) VARIES FROM 3.0' TO 16' FROM STA. 25+99.87 TO STA. 31+85.00
16' FROM STA. 31+85.00 TO STA. 32+49.42
- (2) VARIES FROM 3.0' TO 16' FROM STA. 25+99.87 TO STA. 31+85.00
16' FROM STA. 31+85.00 TO STA. 32+49.42
- (4) VARIES FROM 5' TO 17' FROM STA. 40+44.05 TO STA. 42+35.07
VARIES FROM 17' TO 5' FROM STA. 43+89.08 TO STA. 45+21.34
VARIES FROM 5' TO 17.74' FROM STA. 47+59.00 TO STA. 49+43.51
VARIES FROM 17.74' TO 5' FROM STA. 50+83.66 TO STA. 52+48.68
- (5) 1:3 FORESLOPE FROM STA. 25+99.87 TO STA. 32+49.42
- (6) 1:3 FORESLOPE FROM STA. 26+50.00 TO STA. 28+50.00

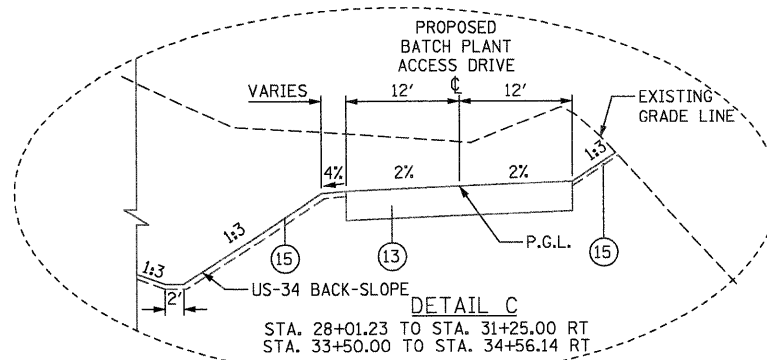


- (1) WIDTH 8.0' FROM STA. 35+12.78 TO 37+09.74
WIDTH VARIES FROM 32' TO 8' FROM STA. 32+49.42 TO STA. 35+12.78
- (2) VARIES FROM 0' TO 12' FROM STA. 33+69.21 TO STA. 35+12.78
12' FROM 35+12.78 TO 37+09.74

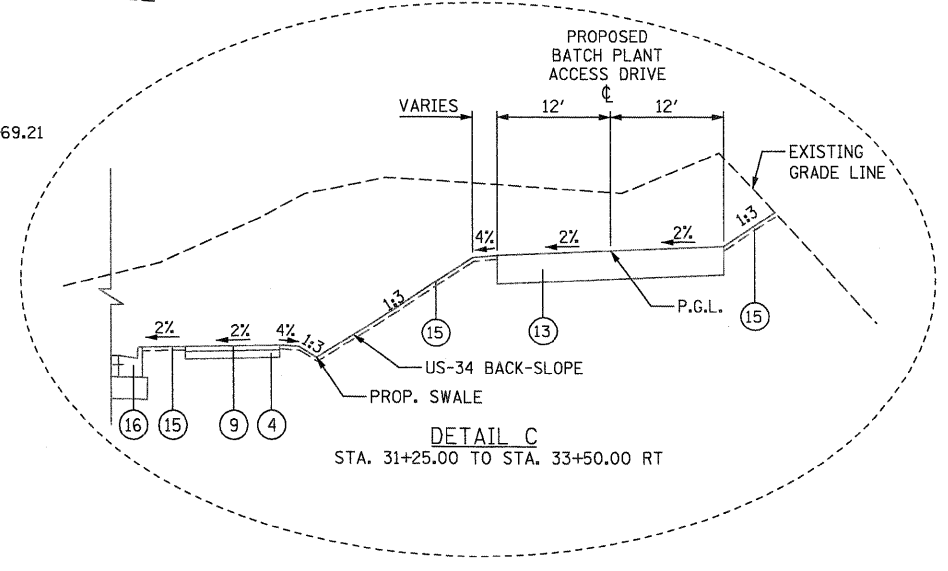
PROPOSED TYPICAL SECTION U.S. ROUTE 34

STA. 32+49.42 TO STA. 37+09.74

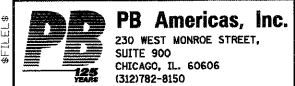
- (3) WIDTH VARIES FROM 0' TO 12' FROM STA. 32+49.42 TO STA. 33+69.21
12' FROM 33+69.21 TO 37+09.74
- (5) 1:3 FORESLOPE FROM STA. 32+49.42 TO STA. 37+09.74



DETAIL C
STA. 28+01.23 TO STA. 31+25.00 RT
STA. 33+50.00 TO STA. 34+56.14 RT



DETAIL C
STA. 31+25.00 TO STA. 33+50.00 RT



FILE NAME = D366985-shr-typical.dgn	DESIGNED - MMS	REVISIONS
PLOT SCALE =	DRAWN - MMS	REVISIONS
PLOT DATE = 19-AUG-2011 08:10	CHECKED - KJB	REVISIONS
	DATE - 08-18-2011	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

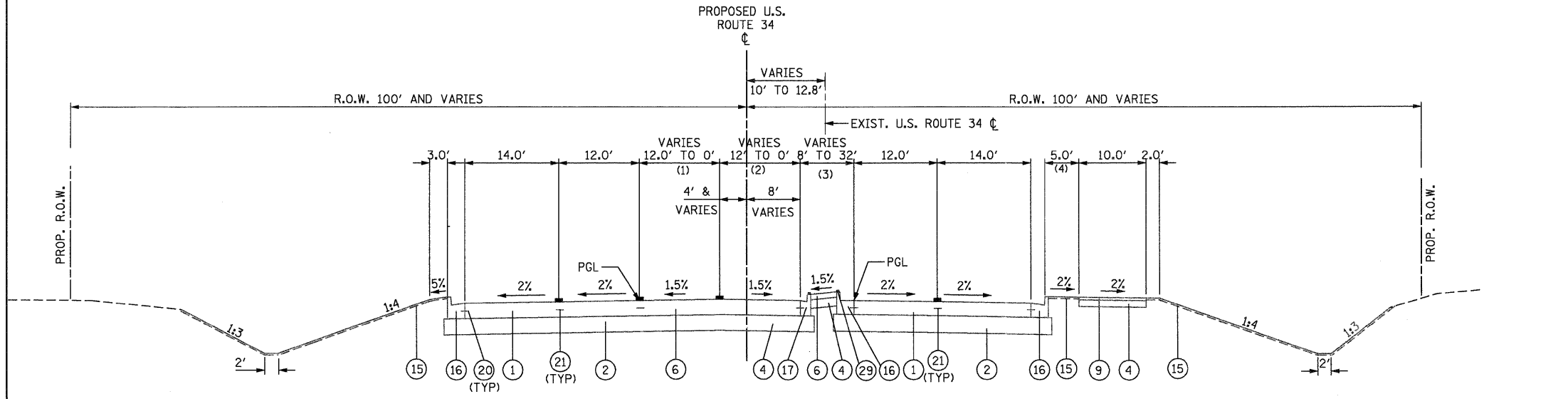
SCALE: N.T.S. TYP - 6 OF 11 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2+14R-1 & BR-1(1)+15R-1	KENDALL	429	18
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ④ AGGREGATE BASE COURSE, TY A, 6"
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24
- ⑥ CONCRETE MEDIAN SURFACE, 4"
- ⑦ CONCRETE MEDIAN SURFACE, CORRUGATED
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
- ⑫ HOT-MIX ASPHALT SHOULDERS - 6"
- ⑬ AGGREGATE SURFACE COURSE, TYPE B 12"
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑰ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑱ TYPE B GUTTER (STD. 606201)
- ⑲ AGGREGATE SHOULDERS, TYPE B 6"
- ⑳ LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
- ㉑ LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- ㉒ STEEL PLATE BEAM GUARDRAIL, TYPE B
- ㉓ RETAINING WALL
- ㉔ AGGREGATE SURFACE COURSE, TYPE B 8"
- ㉕ PRISMATIC CURB REFLECTOR
- ㉖ PIPE UNDERDRAINS 4"

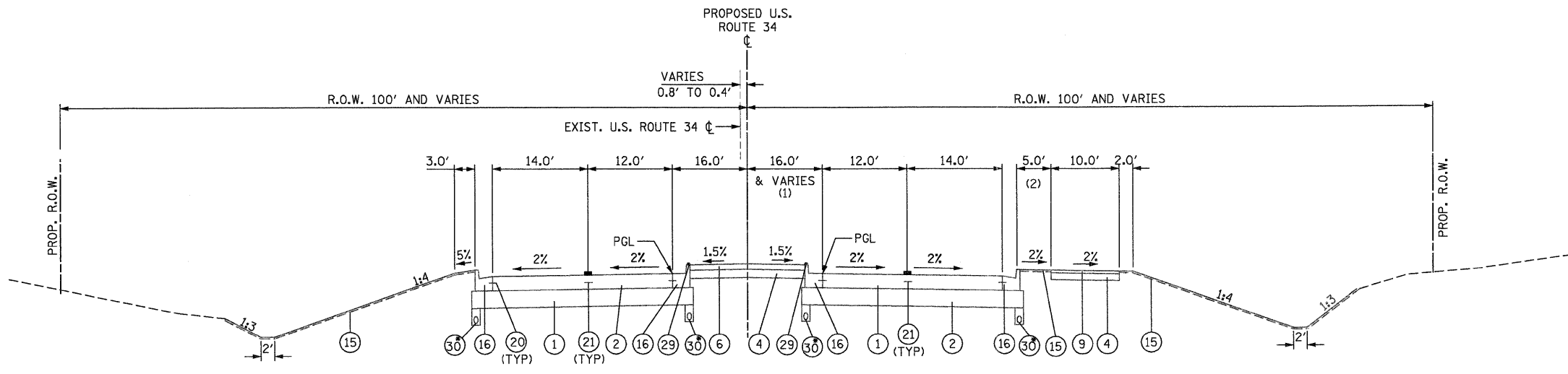
NOTE:
FOR PROP. ROW. & PERMANENT EASEMENTS, SEE CROSS SECTIONS



- (1) 12' FROM STA. 37+09.74 TO STA. 38+29.97
12.0' FROM STA. 38+29.97 TO STA. 41+63.69
VARIES FROM 12.0' TO 0' FROM STA. 41+63.69 TO STA. 42+96.19
- (2) 12' FROM STA. 37+09.74 TO STA. 38+29.97
12' FROM STA. 38+29.97 TO STA. 41+31.19
VARIES FROM 12.0' TO 0' FROM STA. 41+31.19 TO STA. 41+63.69

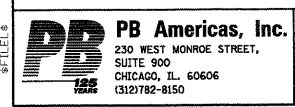
**PROPOSED TYPICAL SECTION
U.S. ROUTE 34
STA. 37+09.74 TO STA. 42+96.19**

- (3) MEDIAN 8.0' FROM STA. 28+29.97 TO STA. 40+31.19
MEDIAN VARIES FROM 8.0' TO 32.0' FROM STA. 40+31.19 TO STA. 42+96.19
- (4) VARIES FROM 5.0' TO 17.0' FROM STA. 40+44.05 TO STA. 42+44.05
17' FROM STA. 42+44.05 TO STA. 43+89.08
VARIES FROM 17.0' TO 5.0' FROM STA. 43+89.09 TO STA. 45+21.34



**PROPOSED TYPICAL SECTION
U.S. ROUTE 34
STA. 57+42.56 TO STA. 60+60.36**

- (1) MEDIAN VARIES FROM 16' TO 11' FROM STA. 57+42.27 TO STA. 59+68.85
11' FROM STA. 59+68.85 TO STA. 60+60.36 RT
- (2) VARIES FROM 5.0' TO 10.0'
FROM STA. 57+42.27 TO STA. 59+68.85
WIDTH 10.0' FROM STA. 59+68.85 TO 60+60.36
- FROM STA. 49+00 TO 54+50
FROM STA. 58+50 TO 61+50



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PLOT SCALE #	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 09:12	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

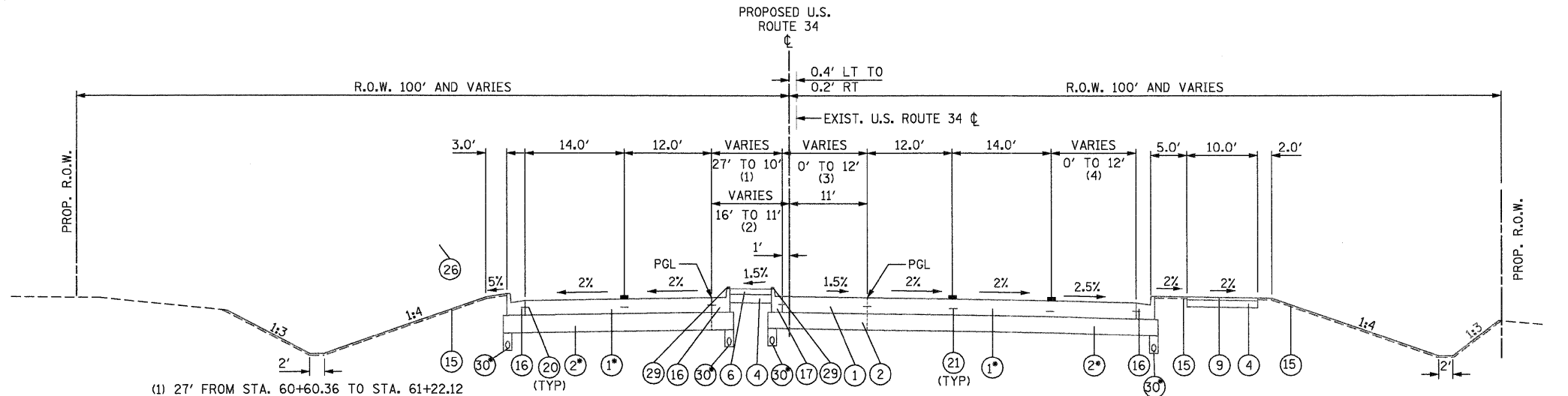
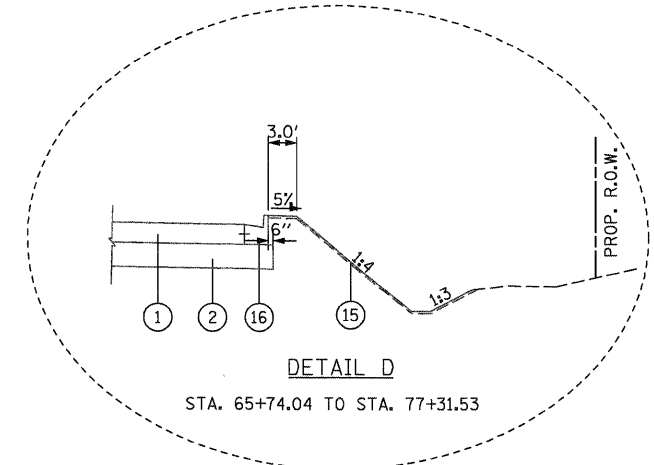
SCALE: N.T.S.		TYP - 7 OF 11		STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2+14R-1 & BR-1(1)+15R-1	KENDALL	429	19
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ④ AGGREGATE BASE COURSE, TY A, 6"
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24
- ⑥ CONCRETE MEDIAN SURFACE, 4"
- ⑦ CONCRETE MEDIAN SURFACE, CORRUGATED
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
- ⑫ HOT-MIX ASPHALT SHOULDERS - 6"
- ⑬ AGGREGATE SURFACE COURSE, TYPE B 12"
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑰ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑱ TYPE B GUTTER (STD. 606201)
- ⑲ AGGREGATE SHOULDERS, TYPE B 6"
- ⑳ LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
- ㉑ LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- ㉒ STEEL PLATE BEAM GUARDRAIL, TYPE B
- ㉓ RETAINING WALL
- ㉔ AGGREGATE SURFACE COURSE, TYPE B 8"
- ㉕ PRISMATIC CURB REFLECTOR
- ㉖ PIPE UNDERDRAINS 4"

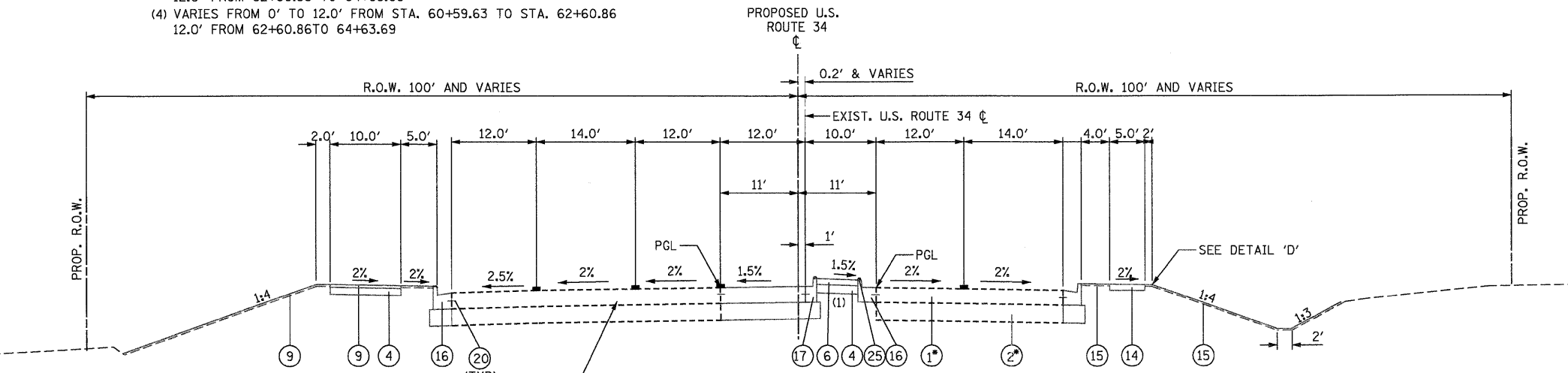
NOTE:
FOR PROP. R.O.W. & PERMANENT EASEMENTS, SEE CROSS SECTIONS



- (1) 27' FROM STA. 60+60.36 TO STA. 61+22.12
VARIES FROM 16.0' TO 10.0' FROM STA. 61+22.12 TO STA. 63+46.79
10.0' FROM STA. 63+46.79 TO STA. 64+63.69
- (2) VARIES FROM 16.0' TO 11.0' FROM STA. 60+60.36 TO STA. 63+46.79
11.0' FROM STA. 63+46.70 TO 64+63.69
- (3) VARIES FROM 0' TO 12.0' FROM STA. 60+60.36 TO STA. 62+60.86
12.0' FROM 62+60.86 TO 64+63.69
- (4) VARIES FROM 0' TO 12.0' FROM STA. 60+59.63 TO STA. 62+60.86
12.0' FROM 62+60.86 TO 64+63.69

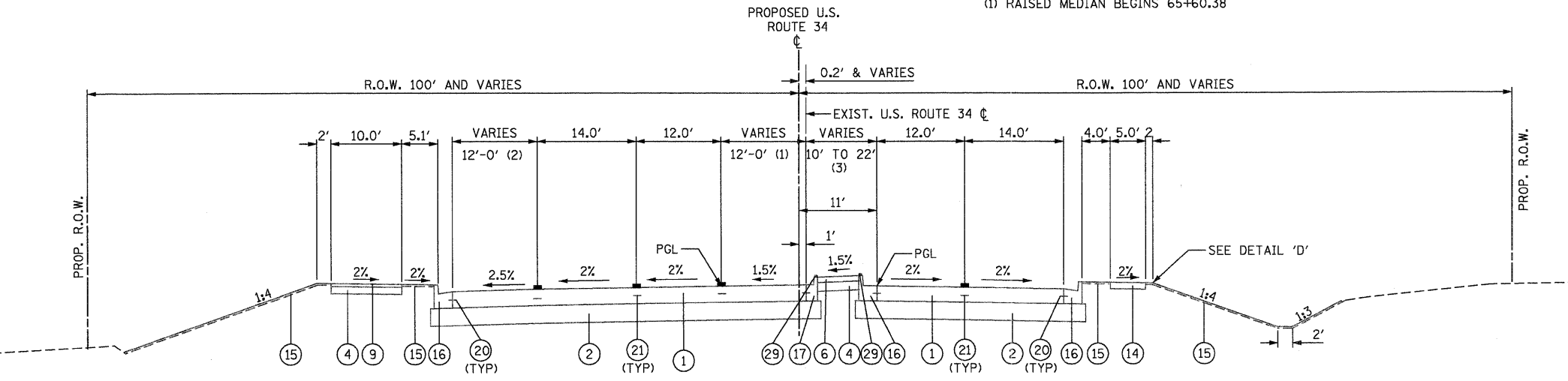
PROPOSED TYPICAL SECTION
U.S. ROUTE 34
STA. 60+60.36 TO STA. 64+63.69

* EXISTING PAVEMENT TO REMAIN IN PLACE
STA. 64+16.67 TO STA. 64+63.69 RT
STA. 64+30.52 TO STA. 64+63.69 LT



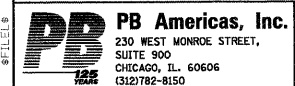
PROPOSED TYPICAL SECTION
U.S. ROUTE 34
STA. STA. 64+63.69 TO 67+63.89

* EXISTING PAVEMENT TO REMAIN IN PLACE
STA. 64+63.69 TO STA. 65+94.34 RT
STA. 64+63.69 TO STA. 67+63.89 LT
(1) RAISED MEDIAN BEGINS 65+60.38



PROPOSED TYPICAL SECTION
U.S. ROUTE 34
STA. STA. 67+63.89 TO 69+63.63

- (1) VARIES FROM 12' TO 0' FROM STA. 67+63.89 TO 69+63.63
- (2) VARIES FROM 12' TO 0' FROM STA. 67+63.89 TO 69+63.63
- (3) VARIES FROM 10.0' TO 22.0' FROM STA. 67+63.89 TO STA. 69+63.63



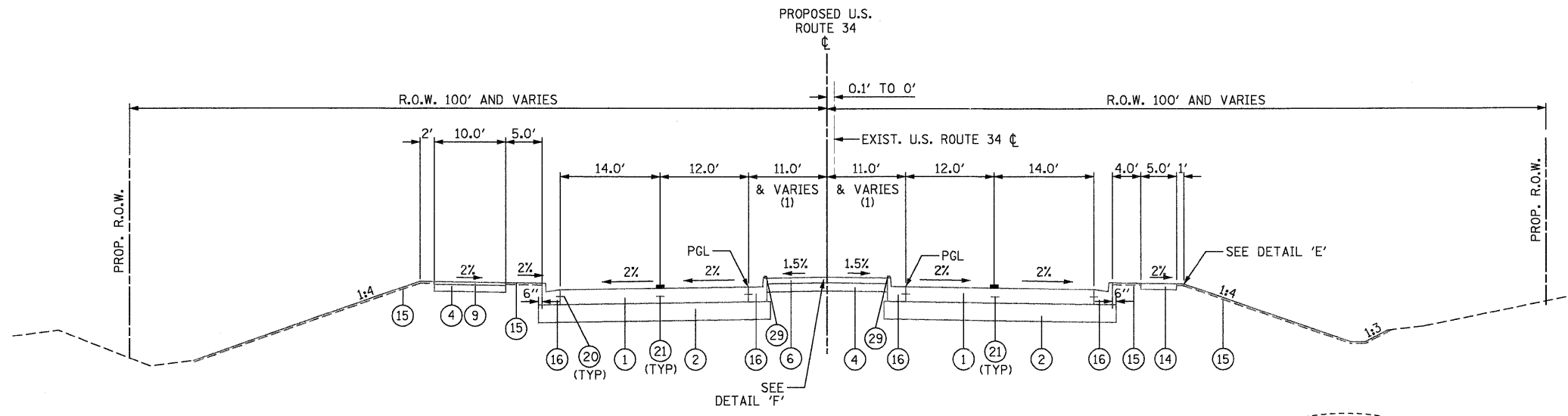
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

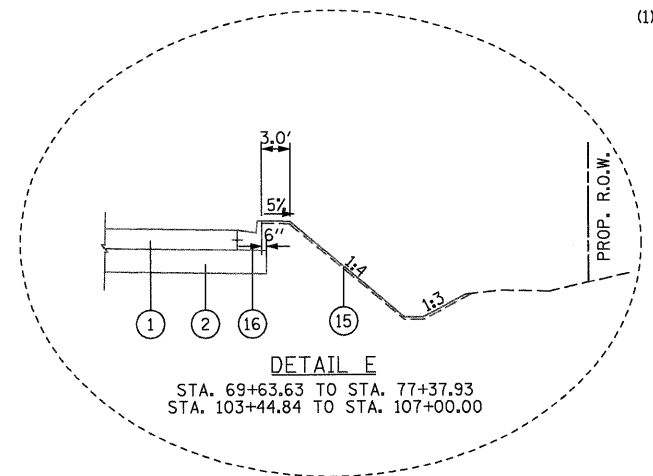
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-10;15R-1	KENDALL	429	20
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

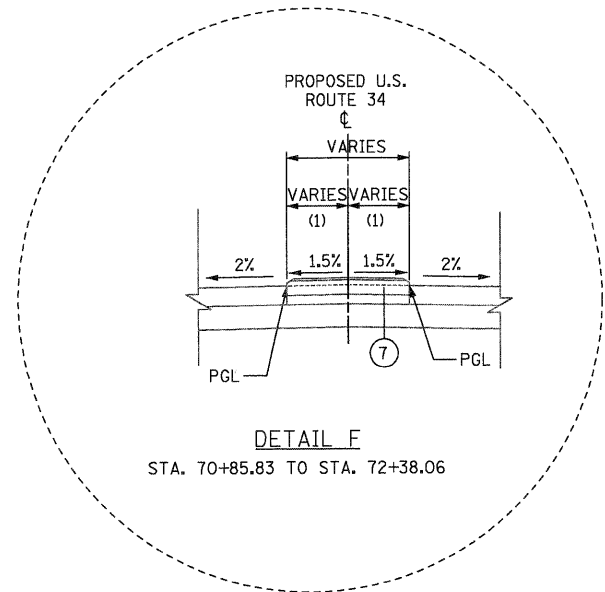


**PROPOSED TYPICAL SECTION
U.S. ROUTE 34**
STA. 69+63.63 TO STA. 72+38.06

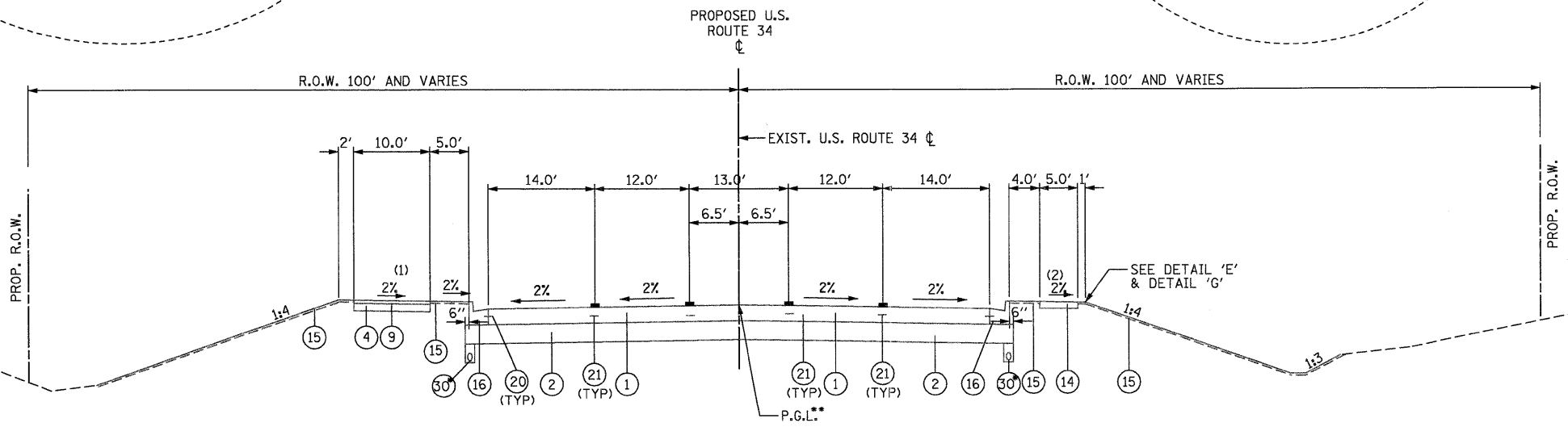
(1) 11.0' FROM STA. 69+63.63 TO STA. 70+29.06
MEDIAN VARIES FROM 11.0' TO 6.5' FROM STA. 70+29.06 TO STA. 72+38.06



DETAIL E



DETAIL F



**PROPOSED TYPICAL SECTION
U.S. ROUTE 34**
STA. 72+38.06 TO STA. 107+00.00

(1) PATH TRANSITIONS TO OUTSIDE OF DITCH FROM STA. 105+00.00 TO 106+00.00
(2) STA. 81+90.22 TO STA. 103+44.84
* FROM STA. 81+50 TO 84+50 FROM STA. 105+50 TO 108+50
** FROM STA. 72+38.06 TO 72+50.00 PGL FOLLOWS MEDIAN EDGE.

SUBGRADE TREATMENT:

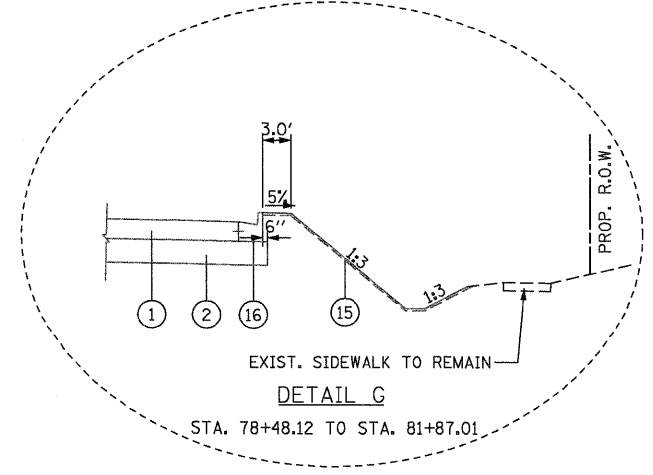
STATION RANGE	TREATMENT	DEPTH
STA. 81+50 TO 84+50	AGGREGATE SUBGRADE	18"
STA. 102+50 TO 105+50	**	EL. 627.0
STA. 105+50 TO 108+50	AGGREGATE SUBGRADE	12"

** PER IDOT STD. SPEC. SEC. 301 AND 205

PROPOSED LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
- (2) SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- (3) SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- (4) AGGREGATE BASE COURSE, TY A, 6"
- (5) CONCRETE MEDIAN, TYPE SB-6.24
- (6) CONCRETE MEDIAN SURFACE, 4"
- (7) CONCRETE MEDIAN SURFACE, CORRUGATED
- (8) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
- (9) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- (10) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
- (11) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
- (12) HOT-MIX ASPHALT SHOULDERS - 6"
- (13) AGGREGATE SURFACE COURSE, TYPE B 12"
- (14) PORTLAND CEMENT CONCRETE SIDEWALK 4"
- (15) TOPSOIL FURNISH AND PLACE, 4"
- (16) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (17) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (18) TYPE B GUTTER (STD. 606201)
- (19) AGGREGATE SHOULDERS, TYPE B 6"
- (20) LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
- (21) LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- (22) STEEL PLATE BEAM GUARDRAIL, TYPE B
- (23) RETAINING WALL
- (24) AGGREGATE SURFACE COURSE, TYPE B 8"
- (29) PRISMATIC CURB REFLECTOR
- (30) PIPE UNDERDRAINS 4"

NOTE:
FOR PROP. ROW. & PERMANENT EASEMENTS, SEE CROSS SECTIONS



DETAIL G



FILE NAME = D365985-shr-typical.dgn	DESIGNED - MMS	REVISED -
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	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: N.T.S. TYP - 9 OF 11 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	21
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PROPOSED LEGEND

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
- ② SUB-BASE GRANULAR MATERIAL, TYPE A 12"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE A 8"
- ④ AGGREGATE BASE COURSE, TY A, 6"
- ⑤ CONCRETE MEDIAN, TYPE SB-6.24
- ⑥ CONCRETE MEDIAN SURFACE, 4"
- ⑦ CONCRETE MEDIAN SURFACE, CORRUGATED
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
- ⑪ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
- ⑫ HOT-MIX ASPHALT SHOULDERS - 6"
- ⑬ AGGREGATE SURFACE COURSE, TYPE B 12"
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK 4"
- ⑮ TOPSOIL FURNISH AND PLACE, 4"
- ⑯ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
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- ⑱ TYPE B GUTTER (STD. 606201)
- ⑲ AGGREGATE SHOULDERS, TYPE B 6"
- ⑳ LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
- ㉑ LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
- ㉒ STEEL PLATE BEAM GUARDRAIL, TYPE B
- ㉓ RETAINING WALL
- ㉔ AGGREGATE SURFACE COURSE, TYPE B 8"
- ㉕ PRISMATIC CURB REFLECTOR
- ㉖ PIPE UNDERDRAINS 4"

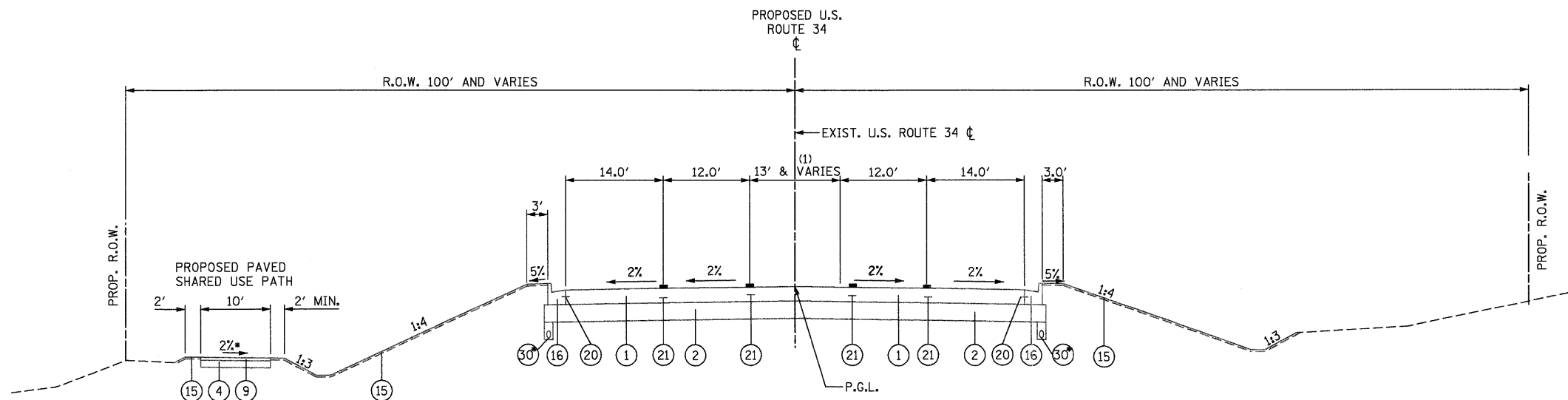
NOTE:
FOR PROP. R.O.W. & PERMANENT EASEMENTS, SEE CROSS SECTIONS

MIXTURES TABLE

	HMA BINDER & TEMP. PAV'T.	HMA LEVEL BINDER	HMA SURFACE	HMA SURFACE (SHARED USE PATH)	HMA SHOULDERS
PG GRADE **	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22
DESIGN AIR	4.0% @	4.0% @	4.0% @	4.0% @	2.0% @
VOIDS	N50	N50	N50	N30	N30
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 9.5	IL 9.5L	IL 19.0
FRICTION AGGREGATE			MIXTURE C	MIXTURE C	
DENSITY TEST METHOD	CORES/ CORRELATION	SATISFACTION OF THE ENGINEER	CORES/ CORRELATION	CORES/ CORRELATION	CORES*

* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE, THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

** WHEN RAP EXCEEDS 20%, THE VIRGIN ASPHALT BINDER SHALL BE REDUCED BY ONE GRADE (I.e., 25% RAP WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG64-22 TO BE REDUCED TO A PG58-22).



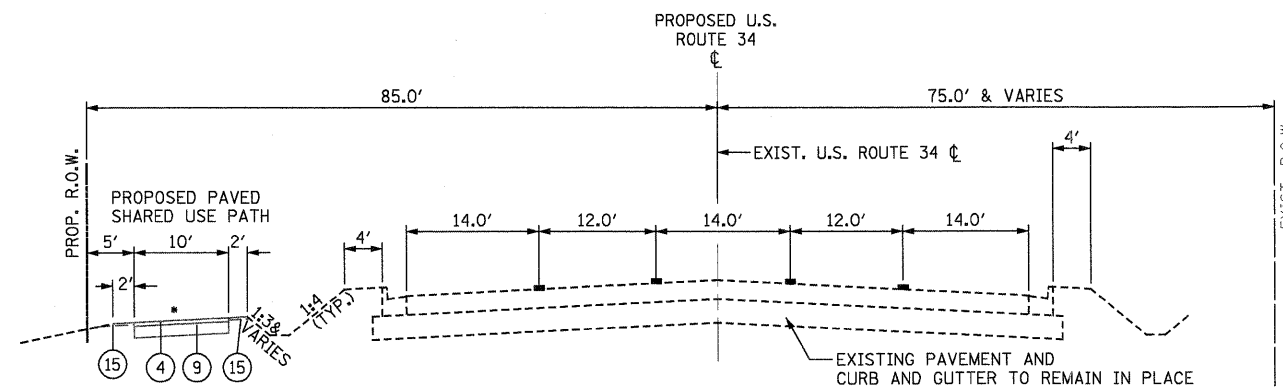
PROPOSED TYPICAL SECTION
U.S. ROUTE 34

STA. 107+00.00 TO STA. 111+25.00

(1) MEDIAN VARIES FROM 13' TO 14'
FROM STA. 110+80.00 TO 111+25.00

* FROM STA. 81+50 TO 84+50
FROM STA. 105+50 TO 108+50

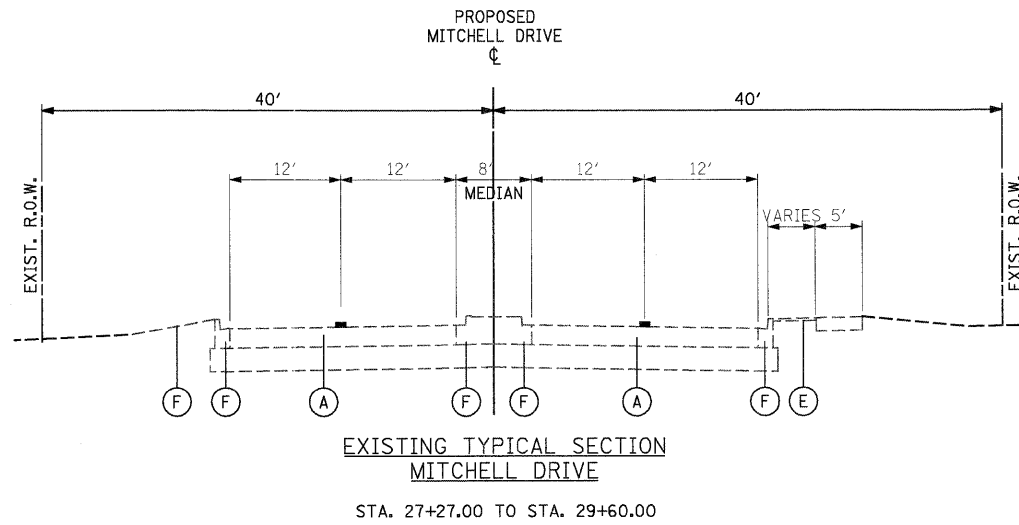
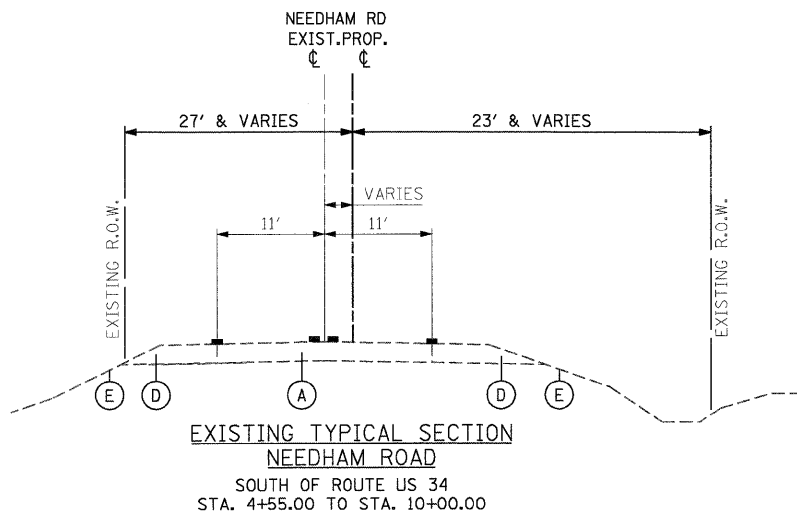
* SLOPE 2% MAX.
DIRECTION VARIES--SEE
CROSS-SECTIONS



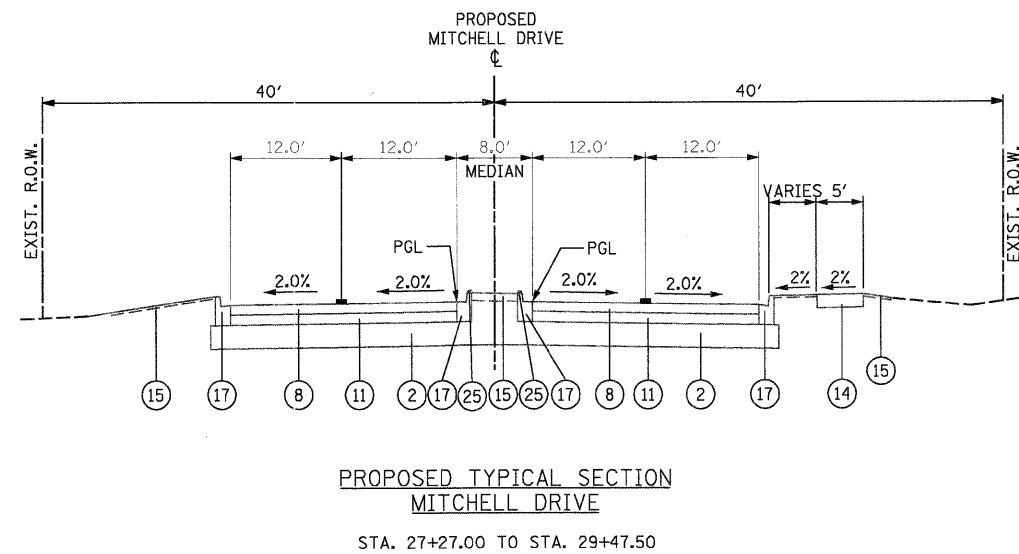
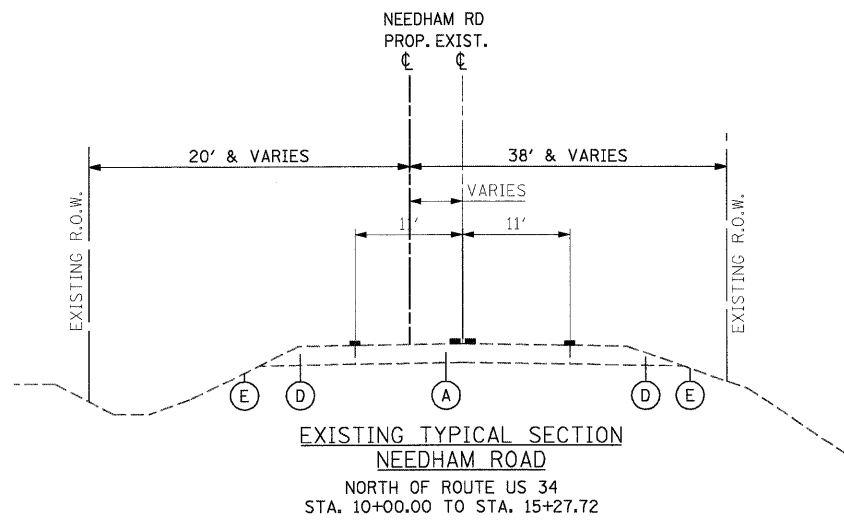
PROPOSED TYPICAL SECTION
U.S. ROUTE 34

STA. 111+25.00 TO STA. 118+65.00

* SLOPE 2% MAX.
DIRECTION VARIES--SEE
CROSS-SECTIONS

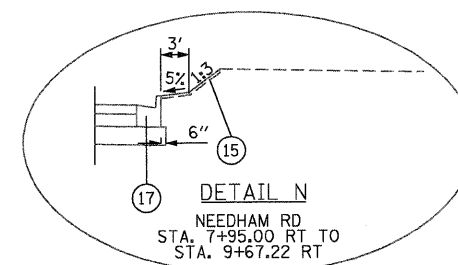
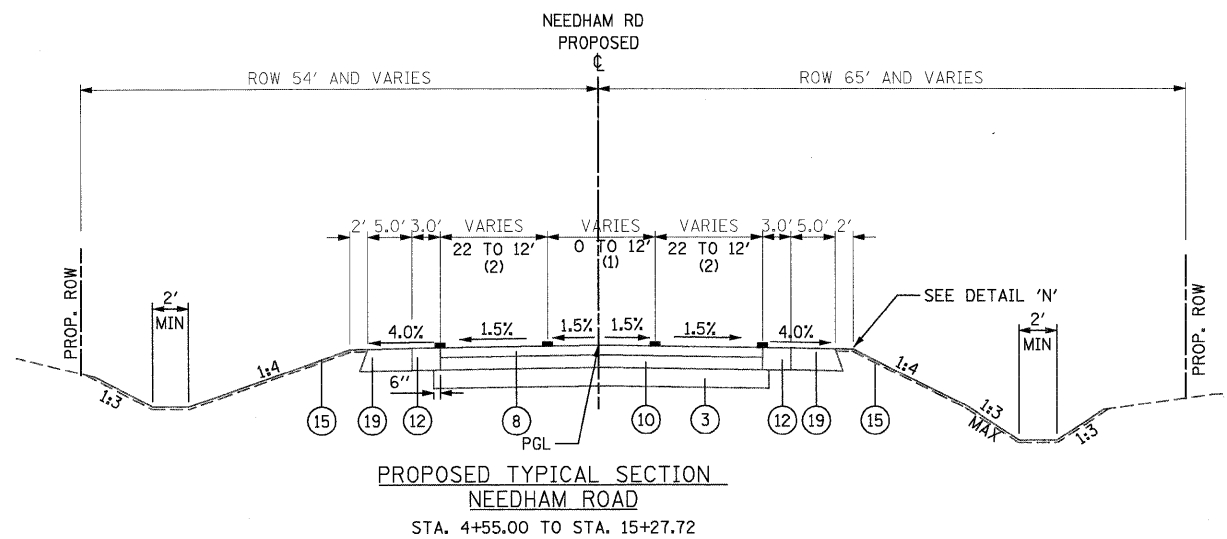


- EXISTING LEGEND**
- (A) HMA PAVEMENT
 - (B) HMA SHOULDERS
 - (C) BIT BASE COURSE
 - (D) AGG SHOULDERS
 - (E) TOPSOIL & GRASS
 - (F) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

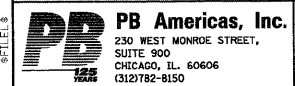


- PROPOSED LEGEND**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 9-3/4" (JOINTED)
 - (2) SUB-BASE GRANULAR MATERIAL, TYPE A 12"
 - (3) SUB-BASE GRANULAR MATERIAL, TYPE A 8"
 - (4) AGGREGATE BASE COURSE, TY A, 6"
 - (5) CONCRETE MEDIAN, TYPE SB-6.24
 - (6) CONCRETE MEDIAN SURFACE, 4"
 - (7) CONCRETE MEDIAN SURFACE, CORRUGATED
 - (8) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1-1/2"
 - (9) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 2"
 - (10) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2-1/4"
 - (11) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3"
 - (12) HOT-MIX ASPHALT SHOULDERS - 6"
 - (13) AGGREGATE SURFACE COURSE, TYPE B 12"
 - (14) PORTLAND CEMENT CONCRETE SIDEWALK 4"
 - (15) TOPSOIL FURNISH AND PLACE, 4"
 - (16) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (17) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (18) TYPE B GUTTER (STD. 606201)
 - (19) AGGREGATE SHOULDERS, TYPE B 6"
 - (20) LONGITUDINAL CONSTRUCTION JOINT GROUDED-IN-PLACE TIE BARS (STANDARD 420001 & 606001) (INCLUDED IN COST OF CONCRETE PAVEMENT (EPOXY COATED) NO. 6x24" LONG DEFORMED TIE BARS AT 24" O.C.
 - (21) LONGITUDINAL SAWED JOINT - NO. 6 X 30" LONG DEFORMED TIE BARS (EPOXY COATED) AT 30" O.C. (STANDARD 420001) (INCLUDED IN THE COST OF CONCRETE PAVEMENT)
 - (22) STEEL PLATE BEAM GUARDRAIL, TYPE B
 - (23) RETAINING WALL
 - (24) AGGREGATE SURFACE COURSE, TYPE B 8"
 - (29) PRISMATIC CURB REFLECTOR
 - (30) PIPE UNDERDRAINS 4"

NOTE:
FOR PROP. ROW. & PERMANENT EASEMENTS, SEE CROSS SECTIONS



- (1) 6.0' FROM STA. 7+15.94 TO STA. 12+82.73
VARIES 0' TO 6' FROM STA. 5+15.94 TO STA. 7+15.94
VARIES 6' TO 0' FROM STA. 12+82.73 TO STA. 14+84.69
- (2) VARIES 11' TO 12' FROM STA. 4+70.81 TO STA. 5+05.81
12' FROM STA. 5+05.81 TO STA. 14+92.73
VARIES 12' TO 11' FROM STA. 14+92.73 TO STA. 15+27.72



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	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS	
SCALE: N.T.S.	TYP - 11 OF 11
STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	23
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

Item No. Units
20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

Table with columns: LOCATION, STATION, OFFSET, UNIT. Lists tree removal data for US 34 and NEEDHAM RD.

TOTAL 504

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

Table with columns: LOCATION, STATION, OFFSET, UNIT. Lists tree removal data for US 34 and NEEDHAM RD.

TOTAL 298

20100500 TREE REMOVAL, ACRES

Table with columns: LOCATION, STATION, OFFSET, TO STATION OFFSET, ACRE. Lists tree removal acreage for US 34.

TOTAL 1.2

25000200 SEEDING, CLASS 2

Table with columns: LOCATION, FROM STATION, OFFSET, TO STATION OFFSET, ACRE. Lists seeding data for US 34 and NEEDHAM RD.

TOTAL: 14.3

25000314 SEEDING, CLASS 4B

Table with columns: LOCATION, FROM STATION, OFFSET, TO STATION OFFSET, ACRE. Lists seeding data for US 34 INF. BASIN BOTTOM.

TOTAL: 0.5

25000400 NITROGEN FERTILIZER NUTRIENT

Table with columns: LOCATION, FROM STATION, OFFSET, TO STATION OFFSET, POUND. Lists nitrogen fertilizer data for US 34 and NEEDHAM RD.

TOTAL: 1,336

25000500 PHOSPHORUS FERTILIZER NUTRIENT

Table with columns: LOCATION, FROM STATION, OFFSET, TO STATION OFFSET, POUND. Lists phosphorus fertilizer data for US 34 and NEEDHAM RD.

TOTAL: 1,336

25000600 POTASSIUM FERTILIZER NUTRIENT

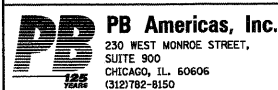
Table with columns: LOCATION, FROM STATION, OFFSET, TO STATION OFFSET, POUND. Lists potassium fertilizer data for US 34 and NEEDHAM RD.

TOTAL: 1,336

25100115 MULCH, METHOD 2

Table with columns: LOCATION, FROM STATION, OFFSET, TO STATION, ACRE. Lists mulch data for US 34.

TOTAL: 14



FILE NAME = D366985-sht-Schedule1es01.dgn
DESIGNED - RJD
DRAWN - RJD
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PLOT DATE = 19-AUG-2011 09:11

REVISED -
REVISED -
REVISED -
REVISED -

DATE - 08-18-2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SCH - 2 OF 17 STA. TO STA.

Table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., FINAL SUBMITTAL, CONTRACT NO. 66985

35100500 AGGREGATE BASE COURSE, TYPE A 6"								
LOCATION	FROM STATION	WIDTH	SIDE	TO STATION	WIDTH	SIDE	SQ YD	
US 34	UNDER MEDIAN SURFACE - ITEM 60618300							
	25+99.87			37+01.09			1,613	
	38+38.59			64+49.19			6,208	
	65+75.03			71+43.50			677	
	UNDER RETAINING WALL							
	13+70.00	3	LT	16+85.00	3	LT	105	
	17+75.00	3	LT	19+57.29	3	LT	61	
							TOTAL: 8,663	
SHARED USE PATH	11+59.91	10.0	RT	19+48.56	10.0	RT	876	
	21+70.25	10.0	RT	36+96.00	10.0	RT	1,695	
	37+81.50	10.0	RT	51+82.00	10.0	RT	1,556	
	51+94.00	10.0	RT	57+72.00	10.0	RT	642	
	57+88.00	10.0	RT	64+56.48	10.0	RT	748	
	65+45.22	10.0	RT	65+78.46	10.0	RT	43	
	65+66.05	10.0	LT	71+32.02	10.0	LT	629	
	71+56.02	10.0	LT	73+00.97	10.0	LT	161	
	73+12.97	10.0	LT	79+82.00	10.0	LT	748	
	79+98.00	10.0	LT	84+18.58	10.0	LT	467	
	84+30.58	10.0	LT	85+66.13	10.0	LT	151	
	85+82.13	10.0	LT	91+22.80	10.0	LT	601	
	92+23.94	10.0	LT	98+83.15	10.0	LT	732	
	98+95.15	10.0	LT	118+61.29	10.0	LT	2,188	
								TOTAL: 11,239

35100700 AGGREGATE BASE COURSE, TYPE A 8"							
LOCATION	FROM STATION	WIDTH	SIDE	TO STATION	WIDTH	SIDE	SQ YD
NEEDEDHAM ROAD	4+56.95	23.0	RT	5+08.64	23.0	RT	307
DRIVEWAYS	8+06.99	25.0	RT	8+60.09	25.0	RT	103
US 34	71+28.64	24.0	LT	71+59.49	24.0	LT	17
							TOTAL: 427

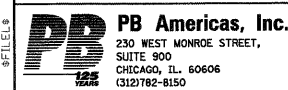
40200900 AGGREGATE SURFACE COURSE, TYPE B						
LOCATION	STATION	LT/RT	ENTRANCE TYPE	DEPTH (INCHES)	WIDTH	CU YD
US 34	19+43.87	RT	FE	8	16.0	26
CONC. BATCH PLANT	28+04.79	RT	CE	12	24.0	629
INF. BAS. ACCESS D	51+88.00	RT	FE	8	12.0	27
DRIVEWAYS	73+06.97	LT	PE	8	12.0	2
	84+24.58	LT	PE	8	12.0	5
	85+76.29	RT	FE	8	15.0	2
	88+87.98	RT	PE	8	13.0	4
NEEDHAM ROAD DRIVEWAYS	4+84.74	LT	FE	8	18.0	10
	6+54.61	LT	FE	8	31.0	30
	13+67.17	LT	FE	8	15.0	17
						TOTAL 752

40300100 BITUMINOUS MATERIALS (PRIME COAT)				
LOCATION	FROM STATION	TO STATION	THICKNESS	GALLON
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50			1-1/2", 2"	379.7
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30			2"	899.1
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50			2-1/4", 3"	345.8
HOT-MIX ASPHALT SHOULDERS			6"	13.3
				TOTAL: 1,638

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT							
LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	SQ YD
US 34	7+00.00	61.5		7+30.00	61.5		205
NEEDHAM RD	4+55.00	22.0		4+75.00	22.0		49
	15+07.72	22.6		15+27.72	21.4		49
MITCHELL DR	27+27.00	56.0		27+47.00	56.0		124
LAKEWOOD SPRINGS	50+82.50	24.0	LT	51+00.00	24.0	LT	47
	50+82.50	24.0	RT	51+00.00	24.0	RT	47
TURNER	58+50.00	45.0		58+70.00	45.0		100
							TOTAL: 621

40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50						
LOCATION	FROM STATION	WIDTH	TO STATION	WIDTH	THICKNESS (IN)	TON
NEEDHAM RD LT	4+75.00	10.7	7+15.79	18.0	2.25	48
	7+15.79	18.0	8+12.50	18.0	2.25	24
	8+12.50	18.0	9+08.89	31.0	2.25	33
	10+90.85	18.0	12+82.75	18.0	2.25	48
	12+82.75	18.0	15+07.72	11.3	2.25	46
NEEDHAM RD RT	4+75.00	10.7	7+15.89	18.0	2.25	48
	7+15.86	18.0	9+08.89	18.0	2.25	49
	10+90.85	31.2	11+87.50	18.0	2.25	33
	11+87.50	18.0	12+82.75	18.0	2.25	24
	12+82.75	18.0	15+07.72	11.3	2.25	46
TURNER	58+70.00	45.0	58+88.63	45.0	2.25	12
	58+88.63	40.0	58+92.50	40.0	2.25	2
	58+92.50	40.0	59+17.50	44.3	2.25	15
MITCHEL DRIVE	27+47.00	48.0	29+17.50	48.0	3	153
						TOTAL: 583

40603305 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30								
LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	THICKNESS (IN) TON	
US 34	11+59.91	10.0	RT	19+48.56	10.0	RT	2 98	
SHARED USE PAT	21+70.25	10.0	RT	36+96.00	10.0	RT	2 190	
	37+81.50	10.0	RT	51+82.00	10.0	RT	2 174	
	51+94.00	10.0	RT	57+72.00	10.0	RT	2 72	
	57+88.00	10.0	RT	64+56.48	10.0	RT	2 84	
	65+45.22	10.0	RT	65+78.46	10.0	RT	2 5	
	65+66.05	10.0	LT	71+32.02	10.0	LT	2 70	
	71+56.02	10.0	LT	73+00.97	10.0	LT	2 18	
	73+12.97	10.0	LT	79+82.00	10.0	LT	2 84	
	79+98.00	10.0	LT	84+18.58	10.0	LT	2 52	
	84+30.58	10.0	LT	85+66.13	10.0	LT	2 17	
	85+82.13	10.0	LT	91+22.80	10.0	LT	2 67	
	92+23.94	10.0	LT	98+83.15	10.0	LT	2 82	
	98+95.15	10.0	LT	118+61.29	10.0	LT	2 245	
								TOTAL: 1,259



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DESIGNED - MMS
 DRAWN - MMS
 CHECKED - KJB
 DATE - 08-18-2011

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SCH - 3 OF 17 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	26
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

70300250 TEMPORARY PAVEMENT MARKING - LINE 8"

		STA	STA		FOOT			
STAGE 1A	WHITE	61+08.77	62+95.96	DOTTED	47			
		62+95.96	64+39.72		144			
		65+82.70	66+65.60		83			
		66+65.60	67+67.89		DOTTED	26		
		72+21.23	74+38.40		DOTTED	54		
		74+38.40	77+25.38			287		
		78+37.53	80+81.11			244		
		80+81.11	83+20.38		DOTTED	60		
		86+51.59	88+31.37		DOTTED	45		
		88+31.37	91+16.70			285		
		92+35.47	94+75.91			240		
		94+75.91	97+72.42		DOTTED	74		
		93+80.79	96+66.98		DOTTED	72		
		96+66.98	98+54.95			188		
		98+07.63	98+54.55			215		
		98+07.63	98+54.55			92		
		99+12.58	101+13.56			201		
		101+13.56	105+51.93		DOTTED	110		
		STAGE 1	WHITE		61+05.76	62+69.68	DOTTED	41
					62+69.68	64+39.68		170
					65+79.66	66+65.50		86
66+65.50	67+64.19			DOTTED	25			
78+30.43	80+80.43				250			
80+80.43	82+36.04			DOTTED	39			
86+23.31	88+35.04			DOTTED	53			
88+35.04	91+17.20				282			
94+46.06	96+37.59			DOTTED	48			
96+37.59	98+54.69				217			
98+07.63	98+54.69				91			
STAGE 2	WHITE			61+05.77	62+75.53	DOTTED		42
				62+75.53	64+45.62			170
		65+79.46	67+63.89		184			
		67+63.89	69+63.63	DOTTED	50			
		78+29.80	80+80.43		251			
		80+80.43	82+35.43	DOTTED	39			
		86+41.95	88+41.98	DOTTED	50			
		88+41.98	90+91.98		250			
		STAGE 3	WHITE	60+59.63	62+60.86		DOTTED	101
				62+60.86	64+44.89			368
				65+79.4	67+63.87			369
67+63.8	69+63.63			DOTTED	100			
78+35.0	81+40.72				306			
81+40.7	83+40.72			DOTTED	50			
85+96.9	87+96.96			DOTTED	50			
87+96.9	90+96.36		299					

TOTAL: 6,446

70300280 TEMPORARY PAVEMENT MARKING - LINE 24"

		STA	FOOT
STAGE 1A	WHITE	64+39.77	21
		65+82.70	32
		77+25.38	27
		78+37.53	21
		91+16.70	21
		92+35.47	30
STAGE 1	WHITE	64+39.68	22
		65+79.66	35
		77+28.62	16
		78+30.43	22
		91+17.20	22
		92+38.59	18
		NEEDHAM	20
STAGE 2	WHITE	64+45.62	22
		65+79.49	30
		77+28.53	19
		78+29.80	22
		90+91.98	22
		92+45.83	13
STAGE 3	WHITE	64+44.89	42
		65+79.42	40
		77+28.53	16
		78+35.02	23
		90+96.36	22
		92+31.36	19

TOTAL: 621

70400100 TEMPORARY CONCRETE BARRIER

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT		
STAGE 1A	18+55.30	13.86	RT	22+28.49	11.23	RT	373
STAGE 1	13+76.00	1.00	LT	26+75.00	1.30	LT	926
	40+00.00	5.70	LT	64+42.30	10.33	LT	2,442
	78+50.00	2.50	LT	91+04.15	5.70	LT	1,254
	92+70.77	2.50	LT	111+63.70	6.28	LT	1,893

TOTAL: 6,888

78004230 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"

LOCATION	FROM STATION	OFFSET	TO STATION	LINE	FOOT
US 34	7+00.00	RT	114+50.00	SK-DSH	2688
	7+00.00	LT	118+75.00	SK-DSH	2794
TOTAL:					5,481

78005100 EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS

	STATION	STATION	SQ FT
US 34	BIDIRECTIONAL	7+50.00 TO 7+90.00	31
	TURN LANE	9+88.00 TO 10+32.00	31
	TURN LANE	35+43.55 TO 36+97.97	47
	TURN LANE	38+46.65 TO 40+08.48	47
	TURN LANE	62+60.86 TO 64+46.05	47
	TURN LANE	62+60.86 TO 64+46.05	47
	TURN LANE	65+78.60 TO 67+63.94	47
	TURN LANE	65+78.60 TO 67+63.94	47
	BIDIRECTIONAL	72+38.06 TO 75+00.00	94
	TURN LANE	78+44.98 TO 80+94.98	47
	TURN LANE	COMM. DRIVE	16
	BIDIRECTIONAL	84+00.00 TO 86+00.00	62
	TURN LANE	88+65.36 TO 91+15.36	47
	BIDIRECTIONAL	92+43.82 TO 98+00.00	187
	TURN LANE	99+18.51 TO 101+68.51	47
	TURN LANE	115+75.00 TO 118+75.00	47
	TURN LANE	115+75.00 TO 118+75.00	47
TURN LANE	NEEDHAM	62	
TURN LANE	WAUBONSEE	31	
COMBINED LANE	WAUBONSEE	31	
TURN LANE	MITCHELL	31	
TURN LANE	LAKEWOOD	31	
TURN LANE	TURNER	62	
TURN LANE	COMM. DRIVE	16	
LARGE MERGE ARROW	110+00	RT	42
LARGE MERGE ARROW	114+00	RT	42

TOTAL: 1,285

70300260 TEMPORARY PAVEMENT MARKING - LINE 12"

		STA	TO	STA	FOOT		
STAGE 1A	YELLOW	11+27.82		14+34.69	175		
		59+13.46		62+95.96	30		
		65+82.70		77+25.38	256		
		80+81.11		88+31.37	248		
		92+35.47		98+54.95	270		
		98+07.63		95+54.95	123		
		STAGE 1	YELLOW	59+13.47		62+69.53	140
				65+79.66		72+32.26	206
74+90.40				77+28.62	52		
80+80.43				88+35.94	251		
92+37.11				95+75.42	65		
STAGE 2	YELLOW			58+28.10		62+75.53	92
		65+79.49		69+81.63	95		
		75+25.18		77+28.53	39		
		80+80.43		88+41.98	289		
		92+45.83		95+48.97	50		

TOTAL: 2,381

70400200 RELOCATE TEMPORARY CONCRETE BARRIER

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT		
STAGE I	18+55.30		22+28.49		373		
STAGE II	19+05.74	0.19	RT	28+30.00	4.00	LT	924
	81+26.00	3.50	RT	96+06.00	5.50	LT	1480
STAGE III	61+99.87	14.99	RT	64+22.48	13.00	RT	223
	66+08.63	13.00	LT	69+35.10	14.00	LT	326
	78+63.06	8.50	LT	83+40.50	17.30	LT	477
	85+96.54	18.85	RT	90+85.94	8.50	RT	489

TOTAL: 4,293



FILE NAME = D366985-sht-Schedules81.dgn
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 DATE - 08-18-2011
 PLOT SCALE =
 PLOT DATE = 19-AUG-2011 08:11

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 SCALE: SCH - 8 OF 17 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-10;15R-1	KENDALL	429	31
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

CONTRACT NO. 66985

X4401198 HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH									
LOCATION	FROM STATION	OFFSET	LT/RT	WIDTH	TO STATION	OFFSET	LT/RT	WIDTH	SQ YD
US 34 MOT STAG	59+49.95	12.0	LT	4.0	64+30.47	0.15	LT	10.6	477
	67+64.55	5.0	LT	6.3	69+35.84	10.87	LT	0.0	60
	77+00.00	2.4	LT	4.0	83+00.00	3.62	LT	2.8	519
TOTAL:									1,056

X6060714 CONCRETE MEDIAN (SPECIAL)					
LOCATION	FROM STATION	WIDTH	TO STATION	WIDTH	SQ FT
US 34	38+98.74	MEDIAN	38+09.74	MEDIAN	43
	38+29.00	MEDIAN	38+40.00	MEDIAN	43
	64+45.69	MEDIAN	64+63.69	MEDIAN	130
	65+60.53	MEDIAN	65+78.53	MEDIAN	125
TOTAL:					342

X6061460 PAVED DITCH (SPECIAL)					
LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT
	83+00.00	RT	85+50.00	RT	250
	105+00.00	RT	106+80.31	RT	180
TOTAL:					430

X6650202 WOVEN WIRE FENCE REMOVAL						
LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	FOOT	
US 34	29+77.91	LT	34+67.71	LT	520	
	32+62.88	RT	36+99.15	RT	440	
	73+99.98	LT	74+08.72	LT	28	
	104+30.39	RT	109+50.48	RT	520	
TOTAL:					1508	

Z0062456 TEMPORARY PAVEMENT			
LOCATION	FROM STATION	TO STATION	SQ YD
STAGE 1A	12+85.85	19+43.54	484
	21+65.19	29+52.22	569
	52+00.51	64+17.10	989
	65+94.33	72+94.70	920
	78+48.00	94+44.61	2616
	102+02.55	111+25.50	827
STAGE 1	58+51.76	59+49.95	22
	83+00.00	84+03.19	34
NEEDHAM ROAD	2+45.00	9+35.60	1013
STAGE 1A	10+05.89	17+30.00	1375
STAGE II	15+28.03	15+77.72	8
TOTAL:			8,858

X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"				
LOCATION	FROM STATION	TO STATION	LINE	FOOT
US 34	60+59.63	62+60.86	DOTTED	50
	60+60.36	62+60.86	DOTTED	50
	62+60.86	64+45.79		185
	62+60.86	64+45.79		185
	65+78.64	67+63.94		185
	65+78.64	67+63.94		185
	67+63.94	69+63.63	DOTTED	50
	67+63.94	69+63.63	DOTTED	50
	78+44.98	80+94.98		250
	80+94.98	83+44.98	DOTTED	63
AT LAKEWOOD	86+15.36	88+65.36	DOTTED	63
	88+65.36	91+15.36		250
AT TURNER	99+18.51	101+68.51		250
	101+68.51	104+18.51	DOTTED	63
AT ELDAMAIN	113+25.00	115+75.00	DOTTED	63
	114+50.00	117+00.00		63
	115+75.00	118+75.00		300
	117+00.00	118+75.00		175
TOTAL:				2,478

Z0001050 AGGREGATE SUBGRADE 12"							
LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	SQ YD
US 34	58+50.00	32.2	RT	60+60.36	32.2	RT	752
	60+60.36	32.2	RT	61+50.00	43.0	RT	374
	58+50.00	32.2	LT	61+50.00	32.2	LT	1,072
	105+50.00	71.2	ALL	108+50.00	71.2	ALL	2,372
TOTAL:							4,571

Z0001050 AGGREGATE SUBGRADE 12"							
LOCATION	FROM STATION	WIDTH	OFFSET	TO STATION	WIDTH	OFFSET	SQ YD
US 34	49+00.00	32.2	RT	54+50.00	32.2	RT	1,966
	49+00.00	32.2	LT	54+50.00	32.2	LT	1,966
	81+50.00	71.2	ALL	84+50.00	71.2	ALL	2,372
TOTAL:							6,304



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 DATE - 08-18-2011

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SCH - 10 OF 17 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1015R-1	KENDALL	429	33
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

Z0030280 IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3

LOCATION	STATION	OFFSET	LT/RT	EACH
US 34				
STAGE IA	18+55.30	13.9	RT	1
STAGE I	26+75.00	1.3	LT	1
	40+00.00	5.7	LT	1
	64+42.30	10.3	LT	1
	78+50.00	2.5	LT	1
	91+04.15	5.7	LT	1
	92+70.77	2.5	LT	1
	111+63.70	6.3	LT	1
TOTAL:				8

TEMPORARY AGGREGATE WEDGE

LOCATION	STATION	OFFSET	LT/RT	TON
	75+25.00	LT	79+50.00	163
	81+50.00		83+50.00	95
TOTAL:				258

Z0030360 IMPACT ATTENUATORS, RELOCATE (SEVERE USE), TEST LEVEL 3

LOCATION	STATION	OFFSET	LT/RT	EACH
US 34				
STAGE I	13+76.00	1.0	LT	1
STAGE II	19+05.74	0.2	RT	1
	28+30.00	4.0	LT	1
	81+26.00	3.5	RT	1
	96+06.00	5.5	LT	1
STAGE III	61+99.87	15.0	RT	1
	64+22.48	13.0	RT	1
	66+08.63	13.0	LT	1
	69+35.10	14.0	LT	1
	78+63.06	8.5	LT	1
	83+40.50	17.3	LT	1
	85+96.54	18.9	RT	1
	90+85.94	8.5	RT	1
TOTAL:				13

MAILBOX RELOCATE, (SPECIAL)

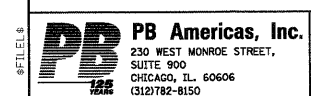
LOCATION	STATION	OFFSET	LT/RT	EACH
US 34	84+19.74	42.00	RT	1
	88+67.93	42.00	RT	1
	89+06.93	42.00	RT	1
	92+33.58	42.00	RT	2
NEEDHAM RD	5+03.65	16.00	RT	1
	14+47.50	12.63	LT	1
TOTAL:				7

Z0030060 IMPACT ATTENUATORS (SEVERE USE, NARROW), TEST LEVEL 2

LOCATION	STATION	OFFSET	LT/RT	EACH
	19+29.72	29.3	RT	1
TOTAL:				1

STEEL PLATE BEAM GUARD RAIL, W-BEAM GUARDRAIL AT QUARTER-POST SPACING, 6 FT POSTS

LOCATION	FROM STATION	OFFSET	LT/RT	TO STATION	OFFSET	LT/RT	FOOT
US 34	17+21.70	29.58	LT	18+98.93	29.58	LT	215.6
TOTAL:							215.6

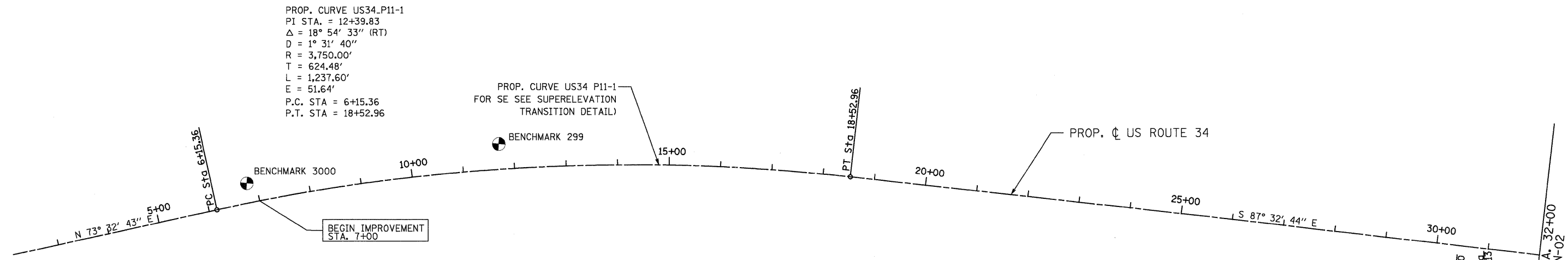


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PLOT DATE = 19-AUG-2011 08:11	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SCHEDULE OF QUANTITIES	
SCH - 11	OF 17	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(0);15R-1	KENDALL	429	34
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

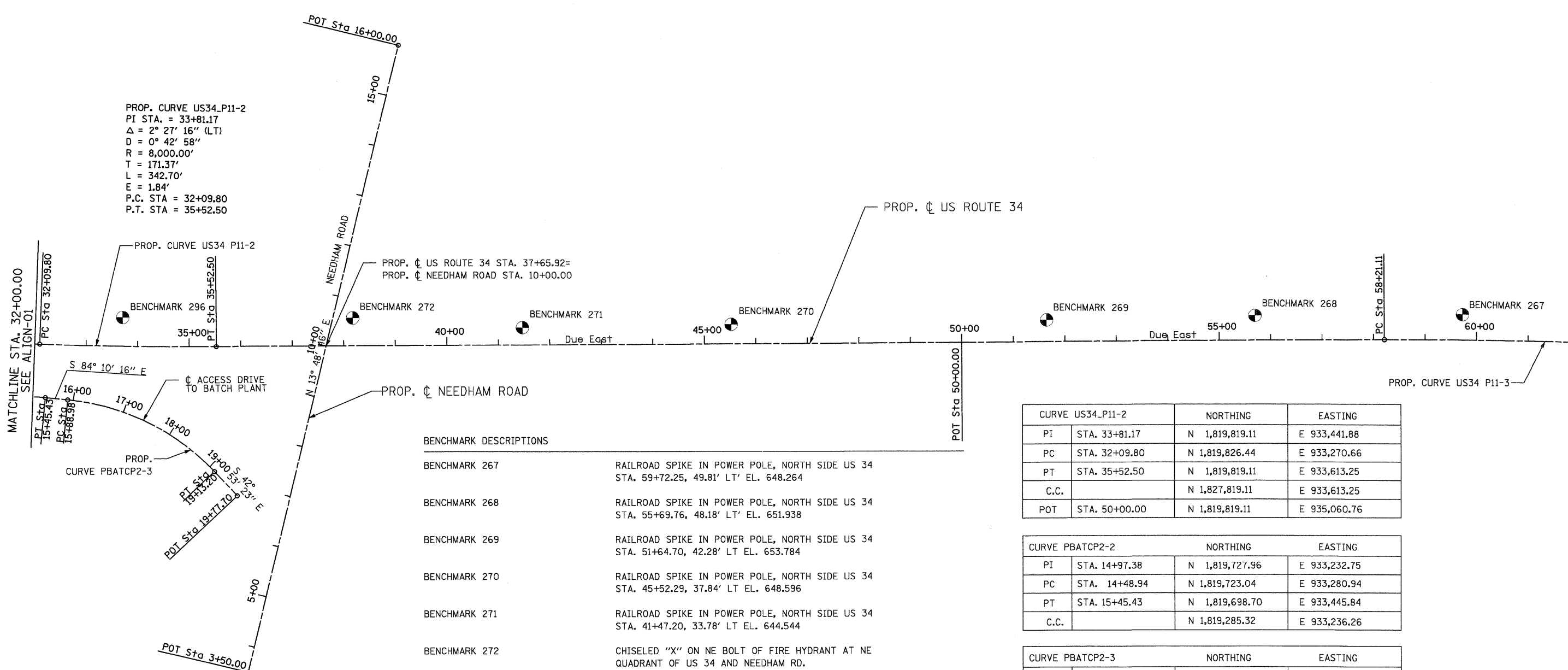


BENCHMARK 299	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 59+72.36, 49.27' LT' EL. 646.929
BENCHMARK 3000	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 6+82.37, 38.25' LT' EL. 648.982

CURVE US34_P11-1		NORTHING	EASTING
POT	STA. 7+00.00	N 1,819,757.46	E 930,773.70
PI	STA. 12+39.83	N 1,819,911.29	E 931,291.16
PC	STA. 6+15.36	N 1819734.40	E 930692.26
PT	STA. 18+52.96	N 1,819,884.55	E 931,915.06
C.C.		N 1,816,137.99	E 931,754.47

PROP. CURVE PBATCP2-1		NORTHING	EASTING
POT	STA. 10+00.00	N 1,819,725.96	E 932,736.08
PI	STA. 13+96.12	N 1,819,716.07	E 933,132.08
PC	STA. 13+63.00	N 1,819,716.90	E 933,098.97
PT	STA. 14+29.13	N 1,819,719.96	E 933,164.97
C.C.		N 1,820,180.75	E 933,110.55

PROP. CURVE PBATCP2-1
 PI STA. = 13+96.12
 Δ = 8° 09' 59'' (LT)
 D = 12° 20' 54''
 R = 464.00'
 T = 33.12'
 L = 66.13'
 E = 1.18'
 P.C. STA = 13+63.00
 P.T. STA = 14+29.13



PROP. CURVE US34_P11-2
 PI STA. = 33+81.17
 $\Delta = 2^\circ 27' 16''$ (LT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 171.37'$
 $L = 342.70'$
 $E = 1.84'$
 P.C. STA = 32+09.80
 P.T. STA = 35+52.50

PROP. CURVE US34_P11-3

PROP. ϕ US ROUTE 34 STA. 37+65.92=
 PROP. ϕ NEEDHAM ROAD STA. 10+00.00

MATCHLINE STA. 32+00.00
 SEE ALIGN-01

MATCHLINE STA. 62+00.00
 SEE ALIGN-03

PROP. CURVE PBATCP2-2
 PI STA. = 14+97.38
 $\Delta = 12^\circ 33' 55''$ (RT)
 $D = 13^\circ 01' 18''$
 $R = 440.00'$
 $T = 48.44'$
 $L = 96.49'$
 $E = 2.66'$
 P.C. STA = 14+48.94
 P.T. STA = 15+45.43

PROP. CURVE PBATCP2-3
 PI STA. = 17+58.49
 $\Delta = 41^\circ 16' 53''$ (RT)
 $D = 12^\circ 43' 57''$
 $R = 450.00'$
 $T = 169.51'$
 $L = 324.22'$
 $E = 30.87'$
 P.C. STA = 15+88.98
 P.T. STA = 19+13.20

BENCHMARK DESCRIPTIONS

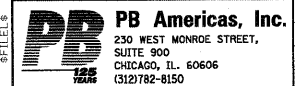
BENCHMARK 267	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 59+72.25, 49.81' LT' EL. 648.264
BENCHMARK 268	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 55+69.76, 48.18' LT' EL. 651.938
BENCHMARK 269	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 51+64.70, 42.28' LT EL. 653.784
BENCHMARK 270	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 45+52.29, 37.84' LT EL. 648.596
BENCHMARK 271	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 41+47.20, 33.78' LT EL. 644.544
BENCHMARK 272	CHISELED "X" ON NE BOLT OF FIRE HYDRANT AT NE QUADRANT OF US 34 AND NEEDHAM RD. STA. 38+17.61, 54.48' LT EL. 645.882
BENCHMARK 296	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 33+69.90, 56.33' LT EL. 642.169

CURVE US34_P11-2		NORTHING	EASTING
PI	STA. 33+81.17	N 1,819,819.11	E 933,441.88
PC	STA. 32+09.80	N 1,819,826.44	E 933,270.66
PT	STA. 35+52.50	N 1,819,819.11	E 933,613.25
C.C.		N 1,827,819.11	E 933,613.25
POT	STA. 50+00.00	N 1,819,819.11	E 935,060.76

CURVE PBATCP2-2		NORTHING	EASTING
PI	STA. 14+97.38	N 1,819,727.96	E 933,232.75
PC	STA. 14+48.94	N 1,819,723.04	E 933,280.94
PT	STA. 15+45.43	N 1,819,698.70	E 933,445.84
C.C.		N 1,819,285.32	E 933,236.26

CURVE PBATCP2-3		NORTHING	EASTING
PI	STA. 17+58.49	N 1,819,701.41	E 933,492.90
PC	STA. 15+88.98	N 1,819,718.62	E 933,324.27
PT	STA. 19+13.20	N 1,819,577.21	E 933,608.26
C.C.		N 1,819,270.95	E 933,278.57
POT	STA. 19+77.70	N 1,819,529.96	E 933,652.19

NEEDHAM ROAD		NORTHING	EASTING
POT	STA. 3+50.00	N 1,819,187.90	E 933,671.49
POT	STA. 16+00.00	N 1,820,401.75	E 933,969.93



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 DRAWN - MMS
 CHECKED - KJB
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REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

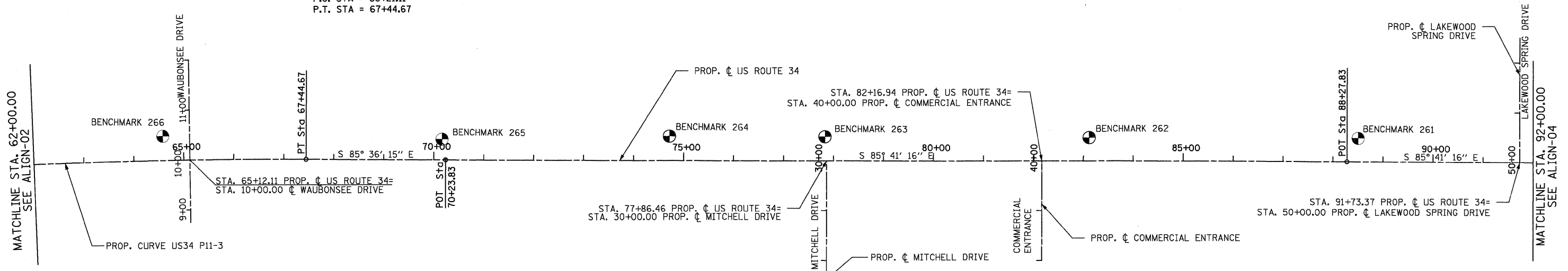
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 100'
 ALIGN - 2 OF 5
 STA. 32+00 TO STA. 62+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(D);15R-1	KENDALL	429	42
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				



PROP. CURVE US34_P11-3
 PI STA. = 62+83.12
 $\Delta = 4^\circ 23' 45''$ (RT)
 $D = 0^\circ 28' 33''$
 $R = 12,038.10'$
 $T = 462.01'$
 $L = 923.56'$
 $E = 8.86'$
 P.C. STA = 58+21.11
 P.T. STA = 67+44.67



CURVE US34_P11-3		NORTHING	EASTING
PI	STA. 62+83.12	N 1,819,819.11	E 936,343.88
PC	STA. 58+21.11	N 1,819,819.11	E 935,881.87
PT	STA. 67+44.67	N 1,819,783.70	E 936,804.53
C.C.		N 1,807,781.01	E 935,881.87
POT	STA. 70+23.83	N 1,819,762.30	E 937,082.86
POT	STA. 88+27.83	N 1,819,626.65	E 938,881.76

BENCHMARK DESCRIPTIONS

BENCHMARK 261	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 AT LAKEWOOD SPRINGS. STA. 88+50.08, 47.77' LT' EL. 648.760
BENCHMARK 262	RAILROAD SPIKE IN POWER POLE W/TRANSFORMER, NORTH SIDE US 34 STA. 83+11.60, 47.36' LT' EL. 647.299
BENCHMARK 263	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 AT MITCHEL ROAD STA. 77+83.01, 48.87' LT EL. 646.175
BENCHMARK 264	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 74+71.59, 49.32' LT EL. 646.778
BENCHMARK 265	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 70+16.43, 41.89' LT EL. 647.018
BENCHMARK 266	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 64+58.65, 49.16' LT EL. 650.256



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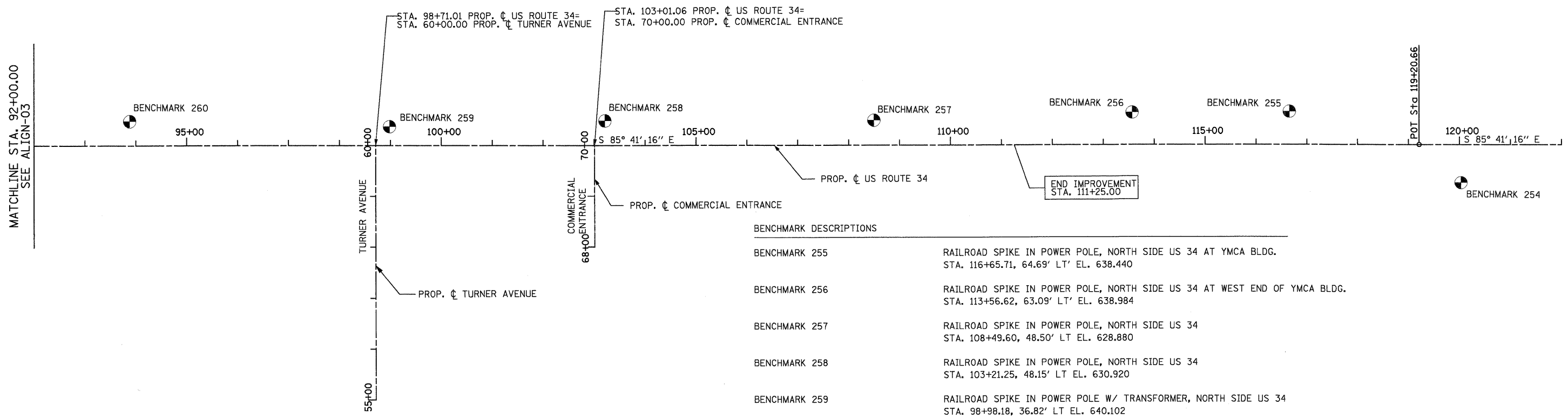
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 100' ALIGN - 3 OF 5 STA. 62+00 TO STA. 92+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(D);15R-1	KENDALL	429	43
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				



BENCHMARK DESCRIPTIONS

BENCHMARK 255	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 AT YMCA BLDG. STA. 116+65.71, 64.69' LT' EL. 638.440
BENCHMARK 256	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 AT WEST END OF YMCA BLDG. STA. 113+56.62, 63.09' LT' EL. 638.984
BENCHMARK 257	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 108+49.60, 48.50' LT EL. 628.880
BENCHMARK 258	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 STA. 103+21.25, 48.15' LT EL. 630.920
BENCHMARK 259	RAILROAD SPIKE IN POWER POLE W/ TRANSFORMER, NORTH SIDE US 34 STA. 98+98.18, 36.82' LT EL. 640.102
BENCHMARK 260	RAILROAD SPIKE IN POWER POLE, NORTH SIDE US 34 AT LAKEWOOD SPRINGS STA. 93+88.07, 47.51' LT EL. 649.833
BENCHMARK 254	RAILROAD SPIKE IN POWER POLE, SOUTH EAST QUADRENT OF US 34 & ELDAMAN ROAD STA. 120+02.55, 74.56' RT EL. 637.438

POT	STA. 119+20.66	N 1,819,394.10	E 941,965.83
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PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

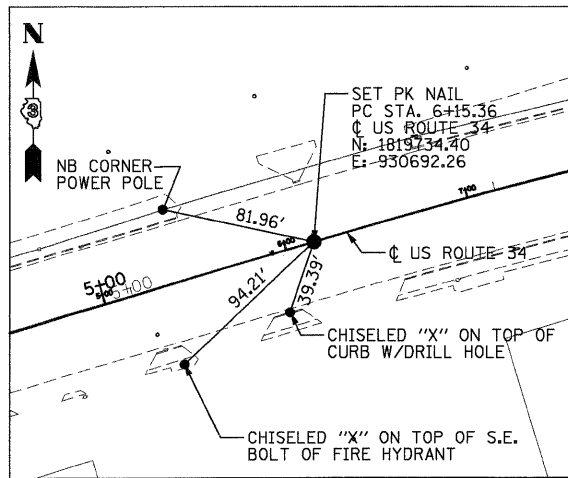
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

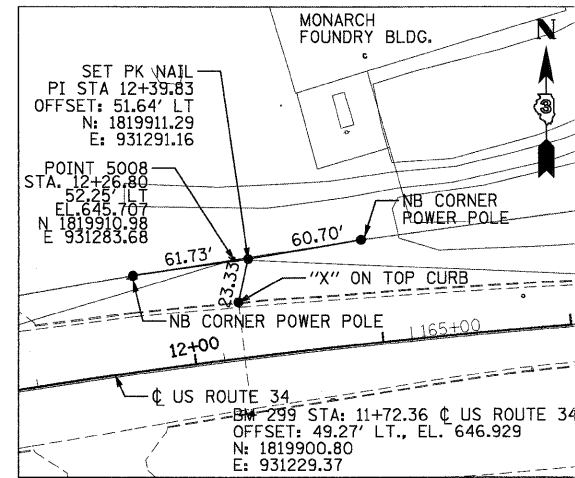
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1" = 100'	ALIGN - 4 OF 5	STA. 92+00 TO STA. 122+00
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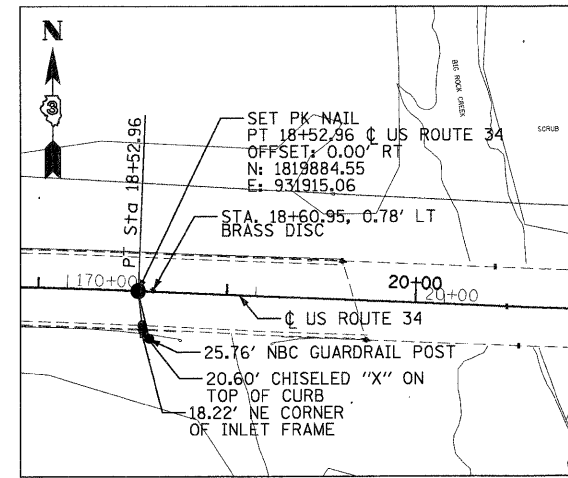
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FINAL SUBMITTAL				CONTRACT NO. 66985
ILLINOIS FED. AID PROJECT				



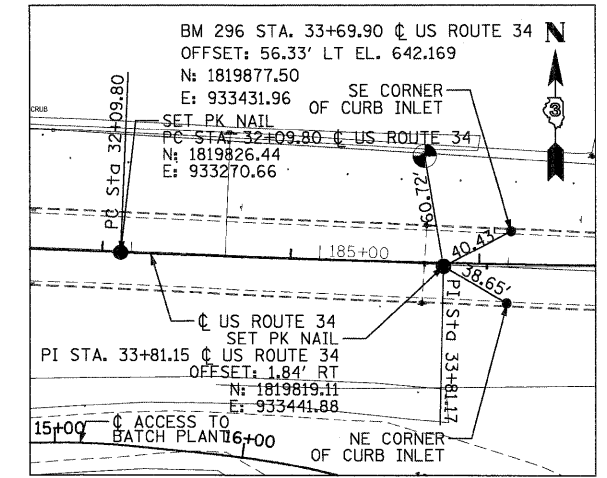
PC STA. 6+15.36



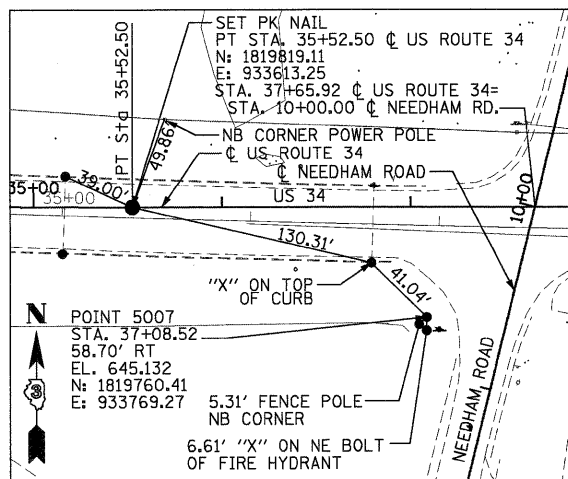
PI STA. 12+39.85



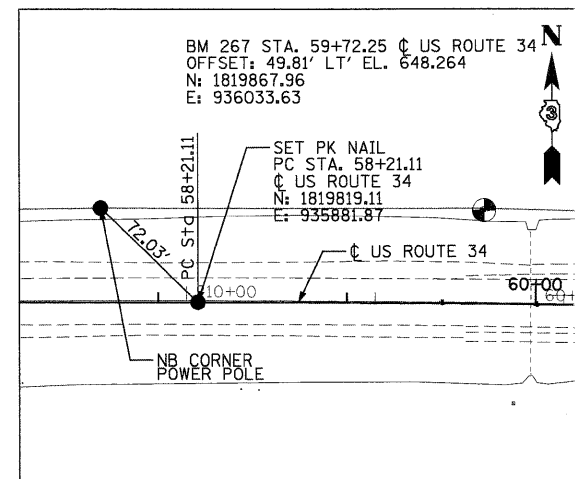
PT STA. 18+52.96



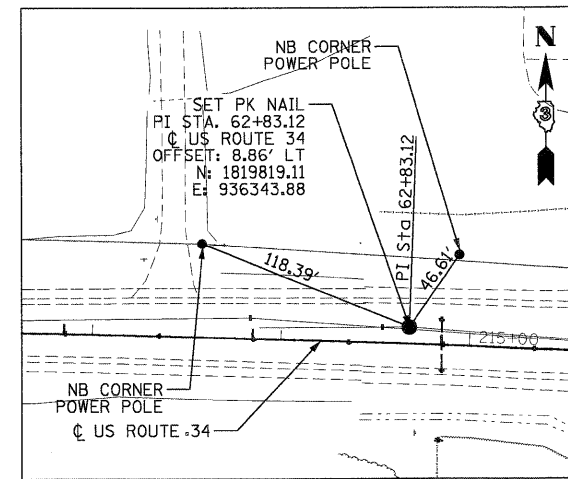
PC STA. 32+09.80
PI STA. 33+81.17



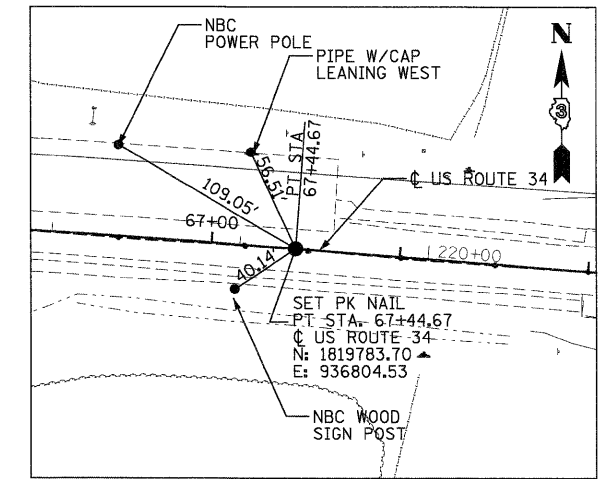
PT STA. 35+52.50



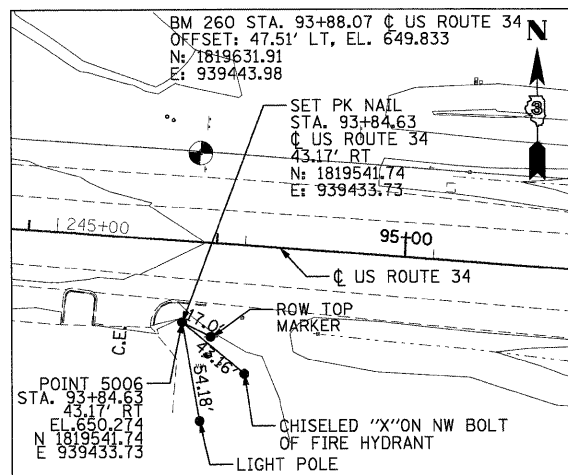
PC STA. 58+21.11



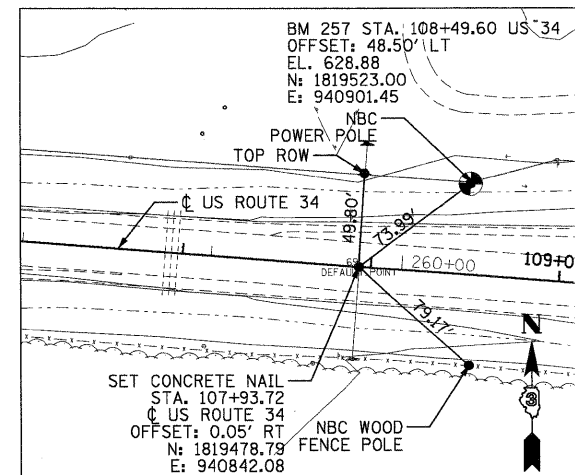
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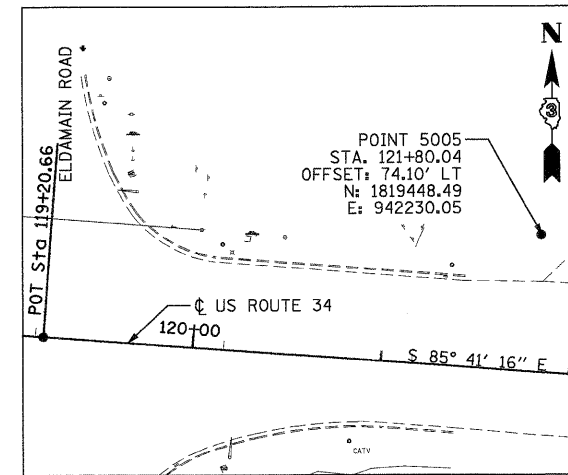
PT STA. 67+44.67








STA. 93+84.63

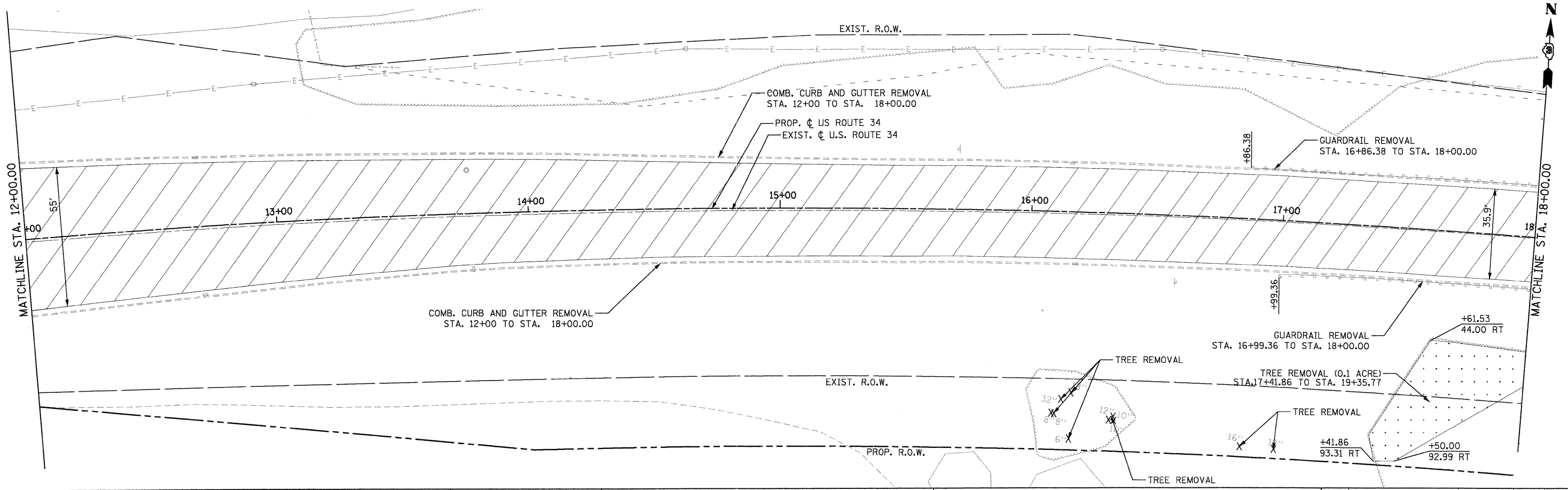
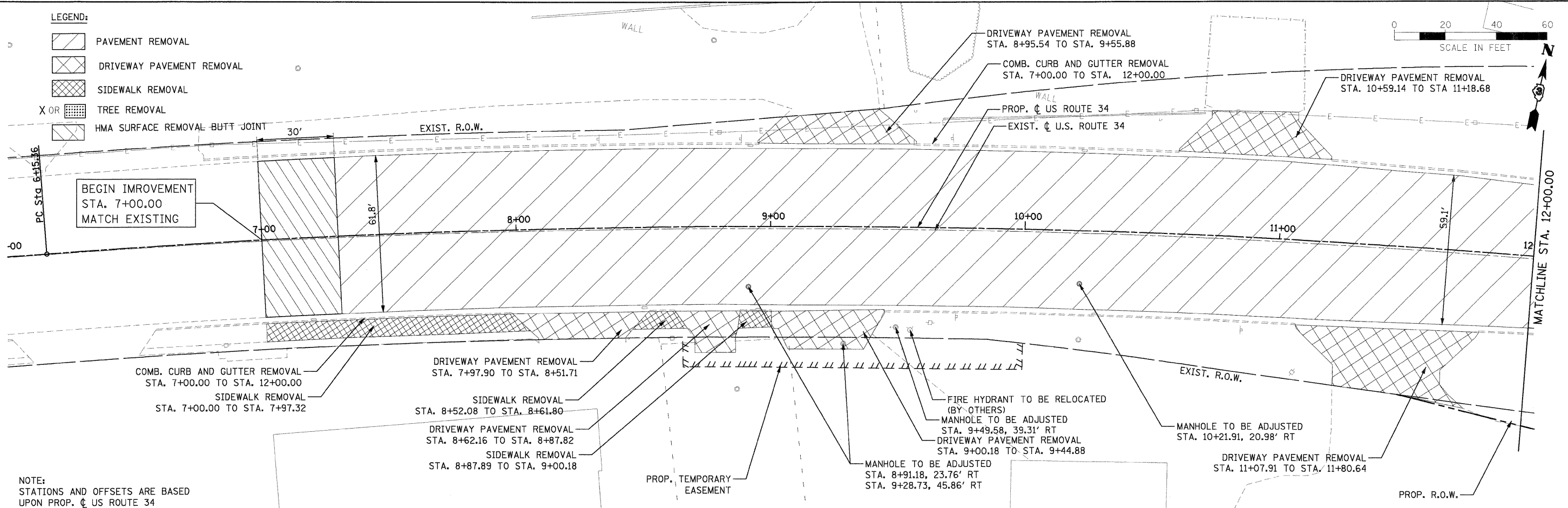
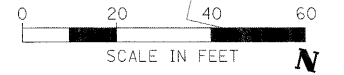


STA. 107+93.72



POINT 5005

- LEGEND:**
-  PAVEMENT REMOVAL
 -  DRIVEWAY PAVEMENT REMOVAL
 -  SIDEWALK REMOVAL
 -  TREE REMOVAL
 -  HMA SURFACE REMOVAL BUTT JOINT



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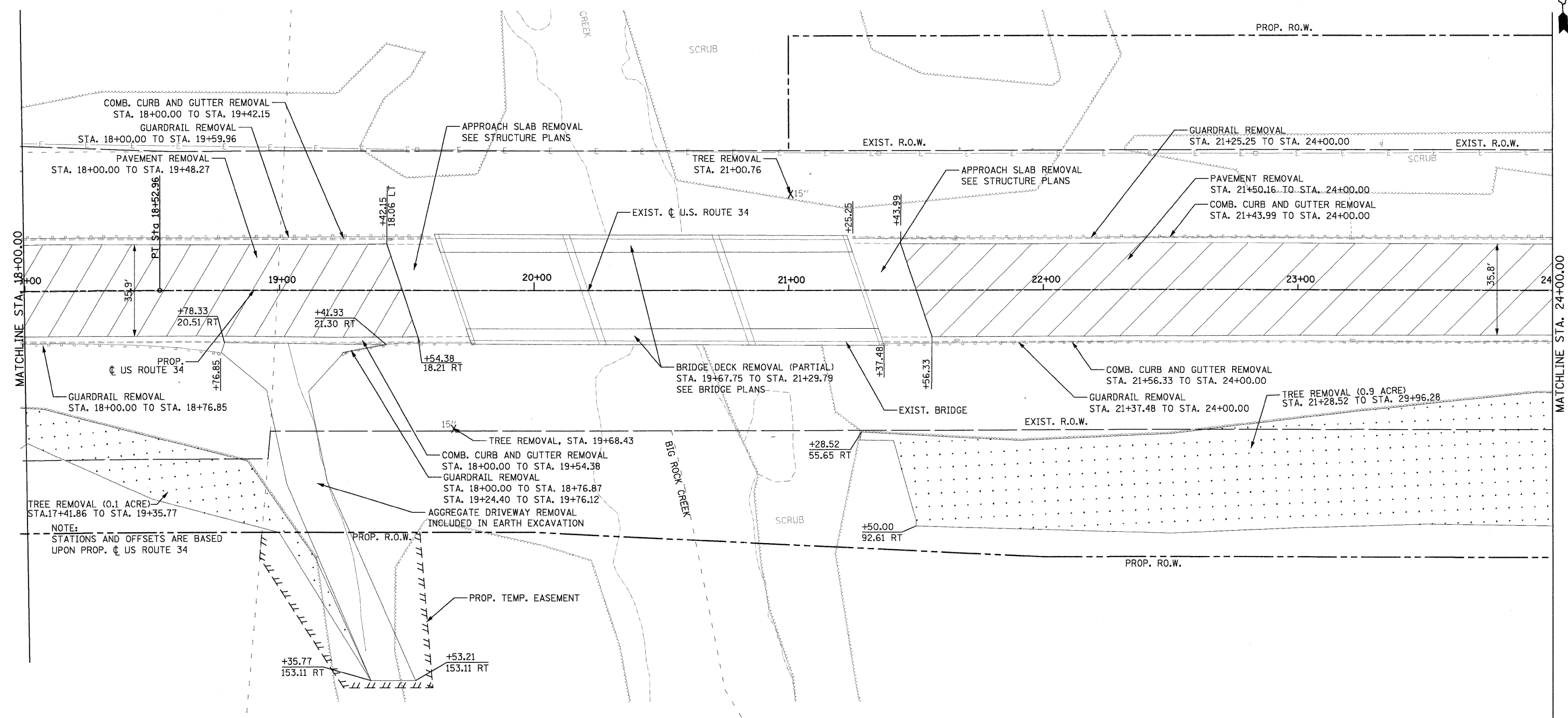
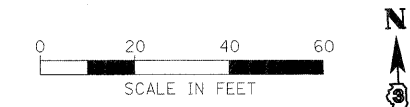
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

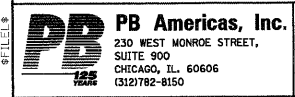
**EXISTING CONDITION AND REMOVAL PLAN
US ROUTE 34**

SCALE: 1" = 50' REM - 1 OF 11 STA. 6+00 TO STA. 18+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	46
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



NOTE:
STATIONS AND OFFSETS ARE BASED UPON PROP. C US ROUTE 34



FILE NAME = D366988-shr-rem02.dgn
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CHECKED - KJB
DATE - 08-18-2011

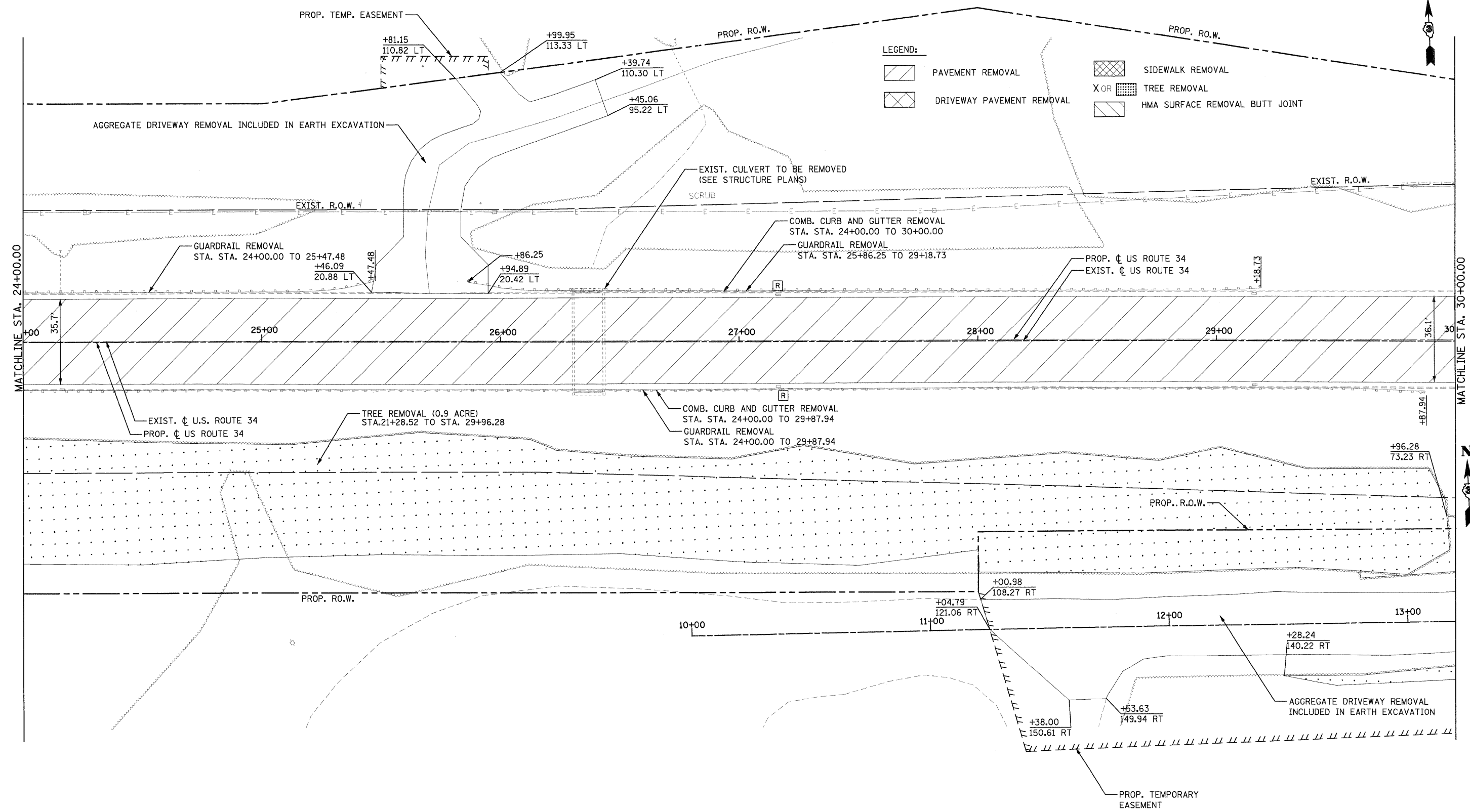
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
US ROUTE 34**

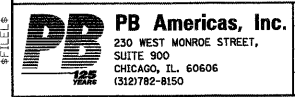
SCALE: 1" = 50' REM - 2 OF 11 STA. 18+00 TO STA. 30+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(0)15R-1	KENDALL	429	47
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



LEGEND:

- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- TREE REMOVAL
- HMA SURFACE REMOVAL BUTT JOINT



FILE NAME = D366985-shr-rem@2A.dgn
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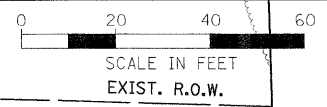
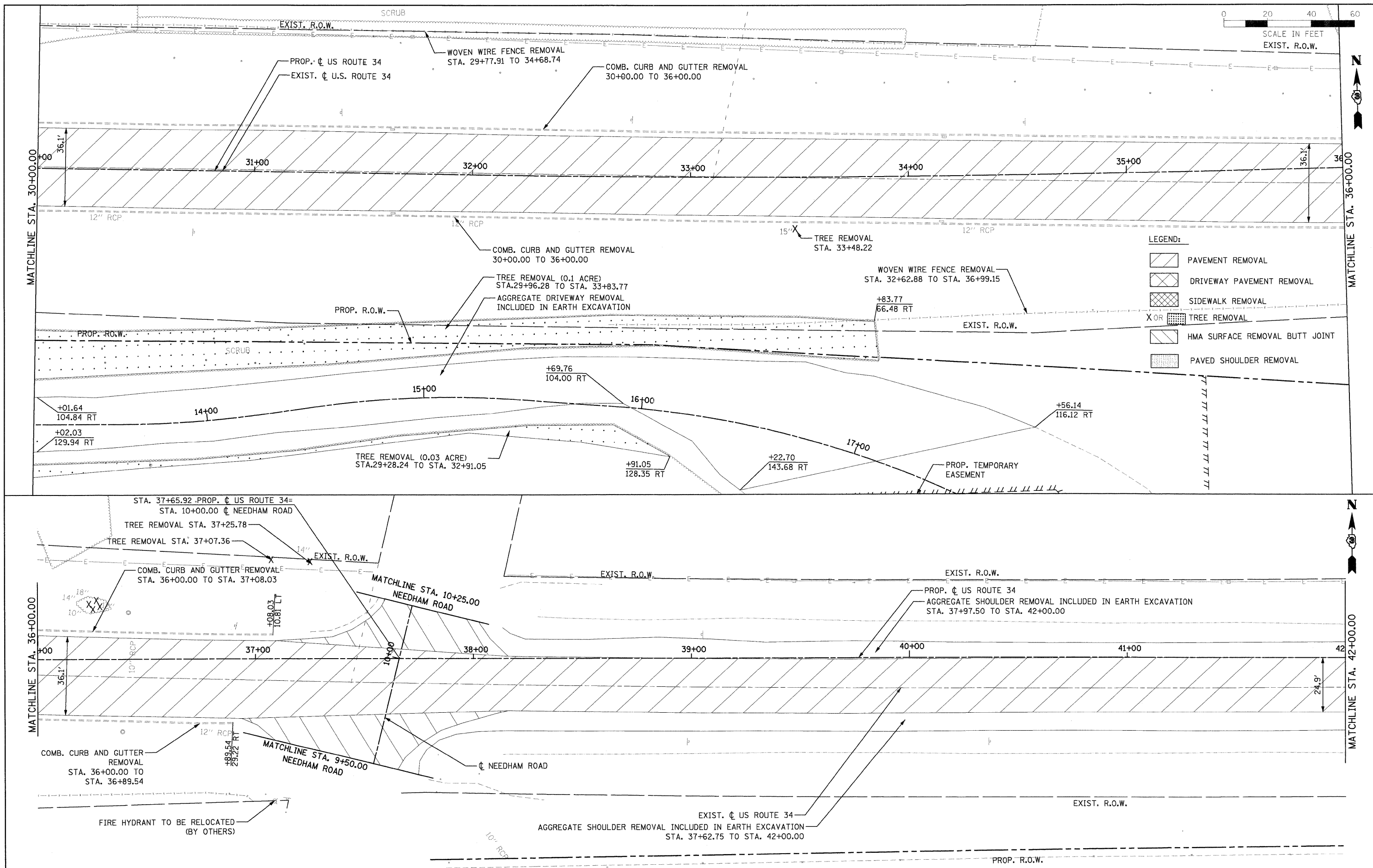
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
 US ROUTE 34**

SCALE: 1" = 50' REM - 2 OF 11 STA. 18+00 TO STA. 30+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(0);15R-1	KENDALL	429	48
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



LEGEND:

	PAVEMENT REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	SIDEWALK REMOVAL
	TREE REMOVAL
	HMA SURFACE REMOVAL BUTT JOINT
	PAVED SHOULDER REMOVAL

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 CHICAGO, IL 60606
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FILE NAME = 0366985-sht-rem03.dgn
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





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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
 US ROUTE 34**
 SCALE: 1" = 50'
 REM - 3 OF 11
 STA. 30+00 TO STA. 42+00

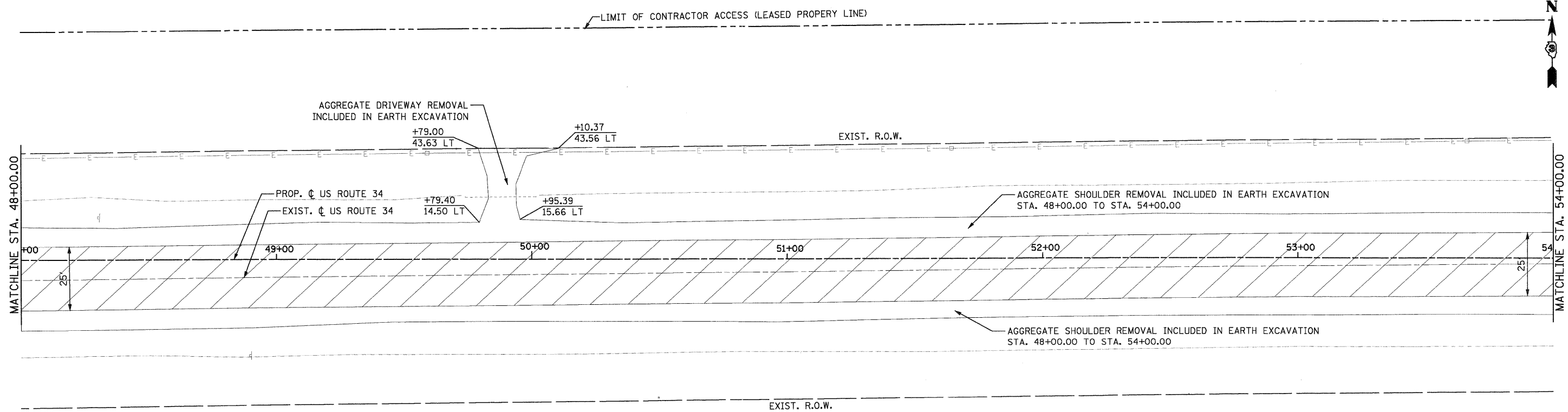
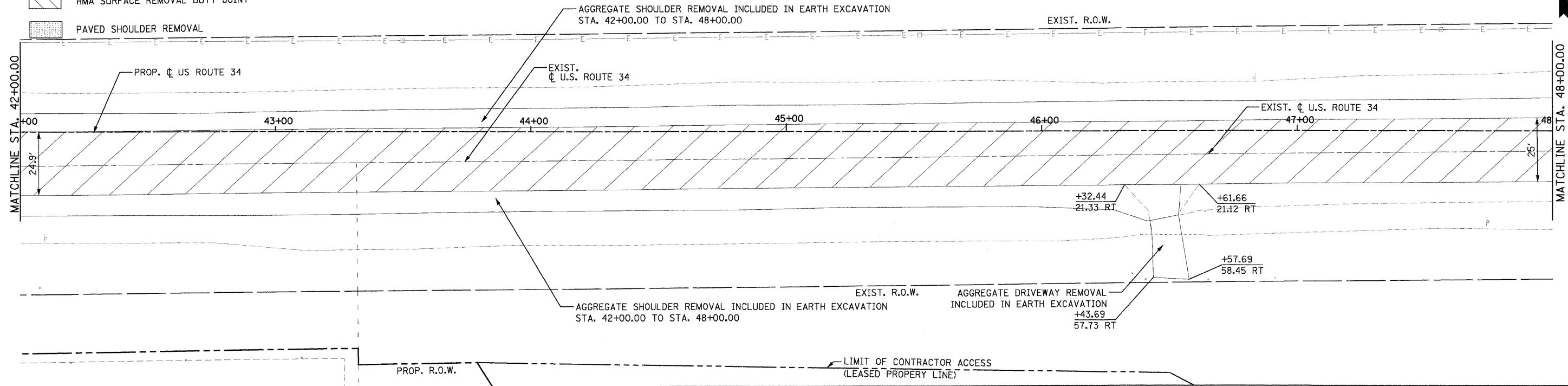
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	49
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

LEGEND:

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  TREE REMOVAL
-  HMA SURFACE REMOVAL BUTT JOINT
-  PAVED SHOULDER REMOVAL

PROP. R.O.W.

LIMIT OF CONTRACTOR ACCESS (LEASED PROPERTY LINE)



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = D366785-ahh-rem24.dgn
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 CHECKED - KJB
 DATE - 08-18-2011

REVISED -
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





**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

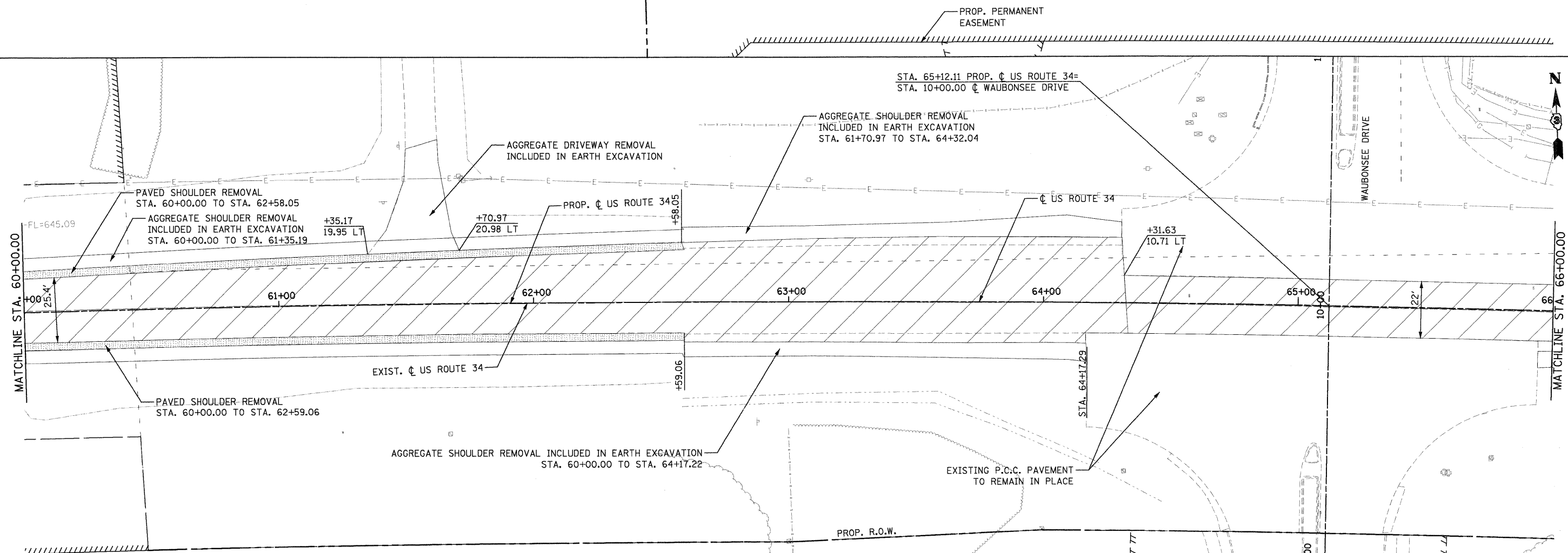
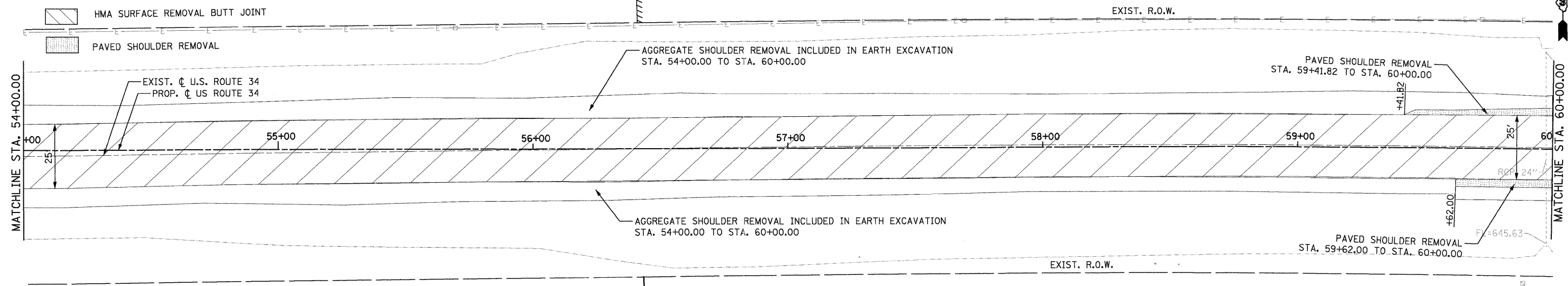
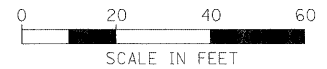
**EXISTING CONDITION AND REMOVAL PLAN
 US ROUTE 34**

SCALE: 1" = 50' REM - 4 OF 11 STA. 42+00 TO STA. 54+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	50
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

LEGEND:

-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  SIDEWALK REMOVAL
-  TREE REMOVAL
-  HMA SURFACE REMOVAL BUTT JOINT
-  PAVED SHOULDER REMOVAL



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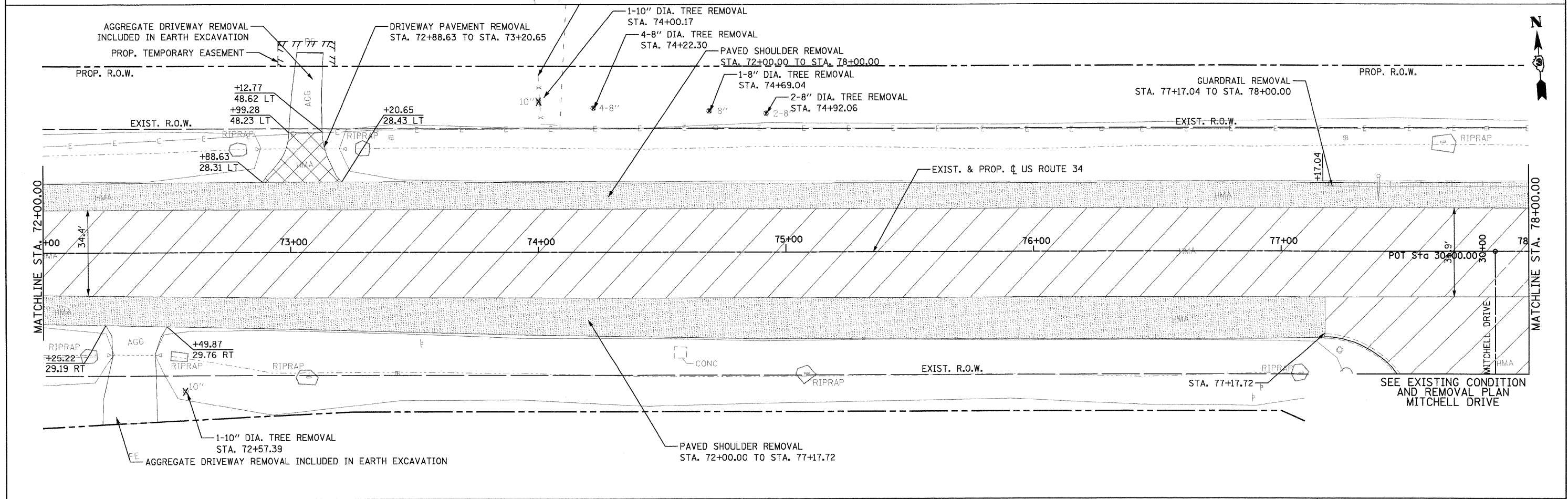
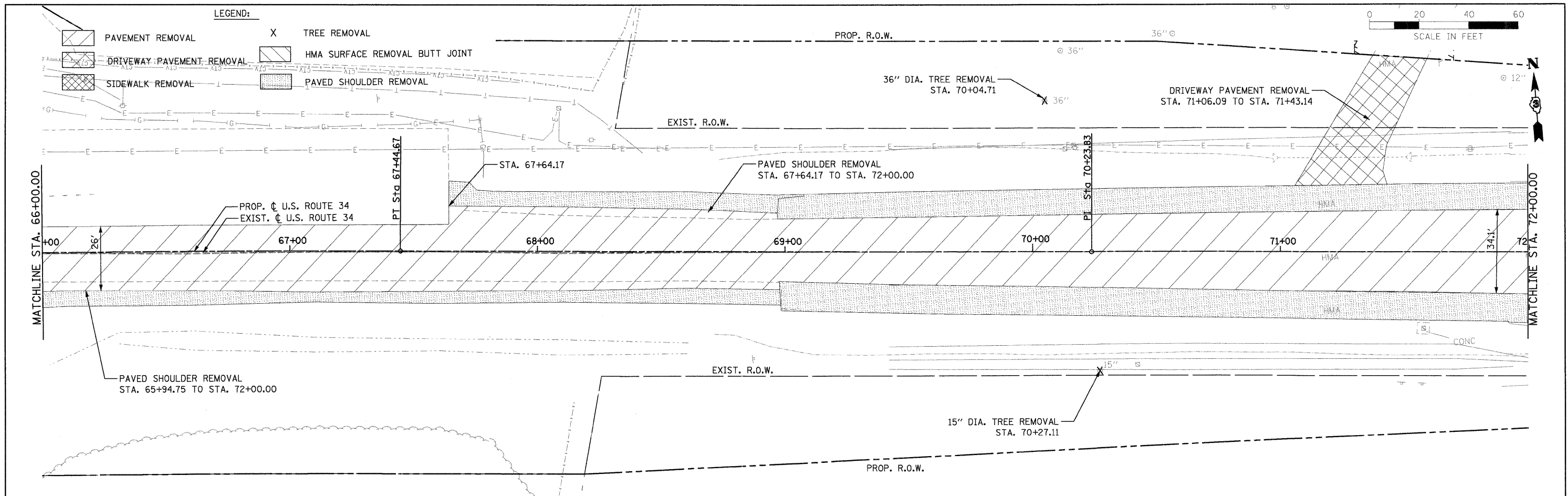
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PLOT DATE = 19-AUG-2011 09:12	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
 US ROUTE 34**

SCALE: 1" = 50' REM - 5 OF 11 STA. 54+00 TO STA. 66+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	51
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



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 SUITE 900
 CHICAGO, IL 60606
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FILE NAME = 0366985-sht-rem06.dgn
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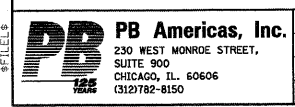
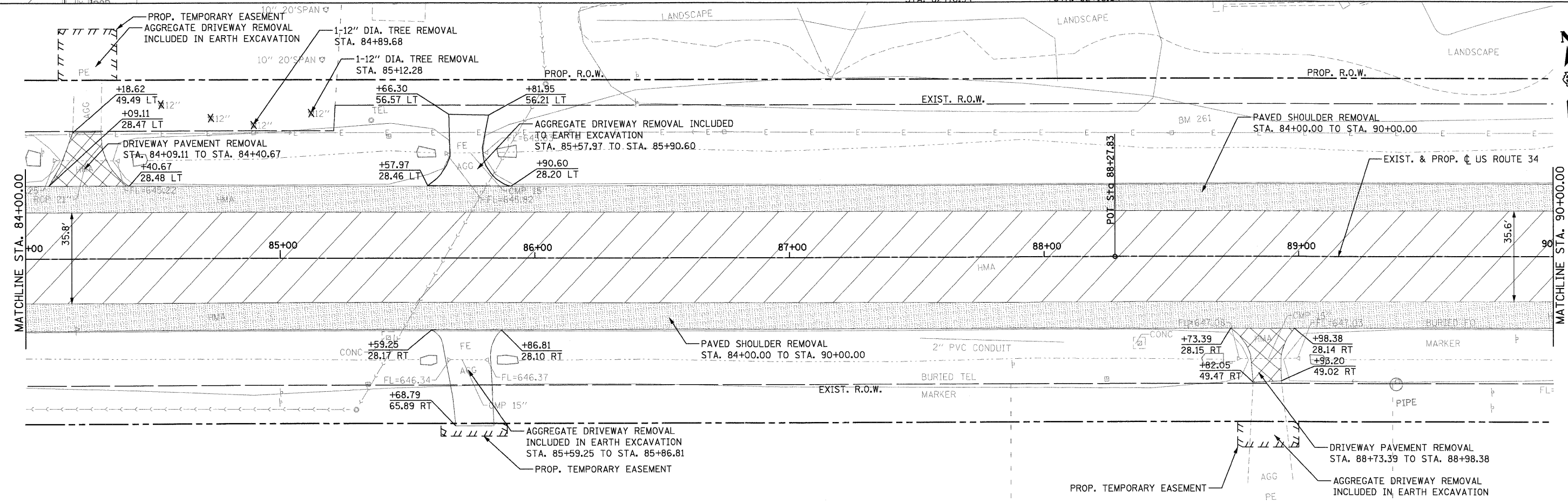
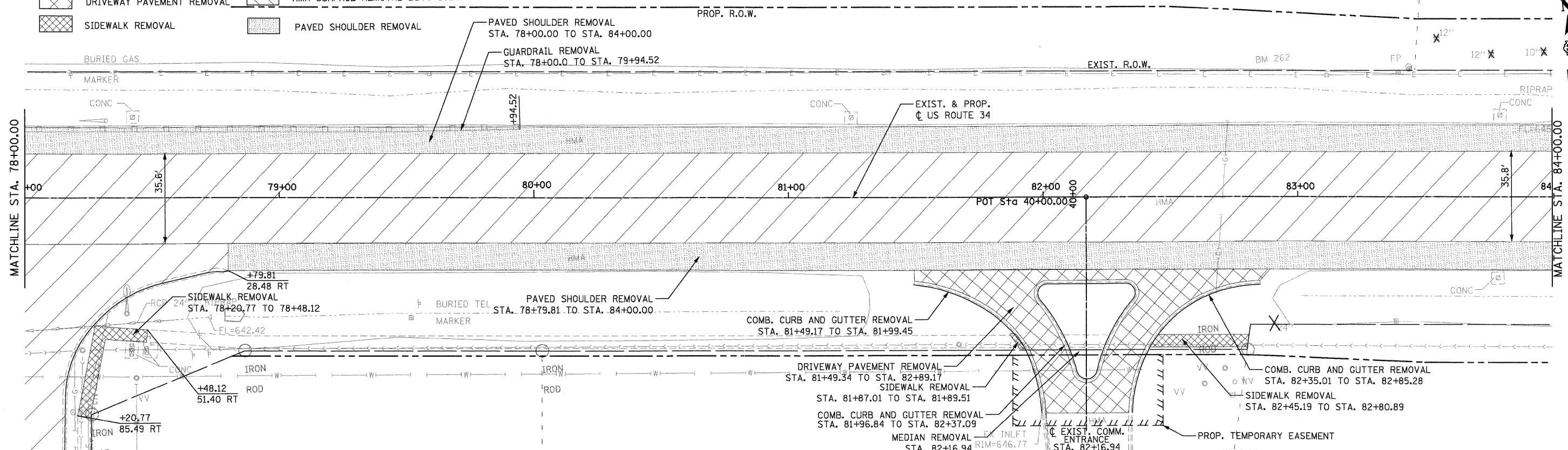
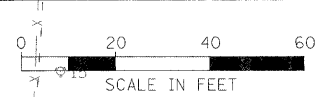
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
 US ROUTE 34**

SCALE: 1" = 50'
 REM - 6 OF 11
 STA. 66+00 TO STA. 78+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	52
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

- LEGEND:**
- PAVEMENT REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - TREE REMOVAL
 - HMA SURFACE REMOVAL BUTT JOINT
 - PAVED SHOULDER REMOVAL



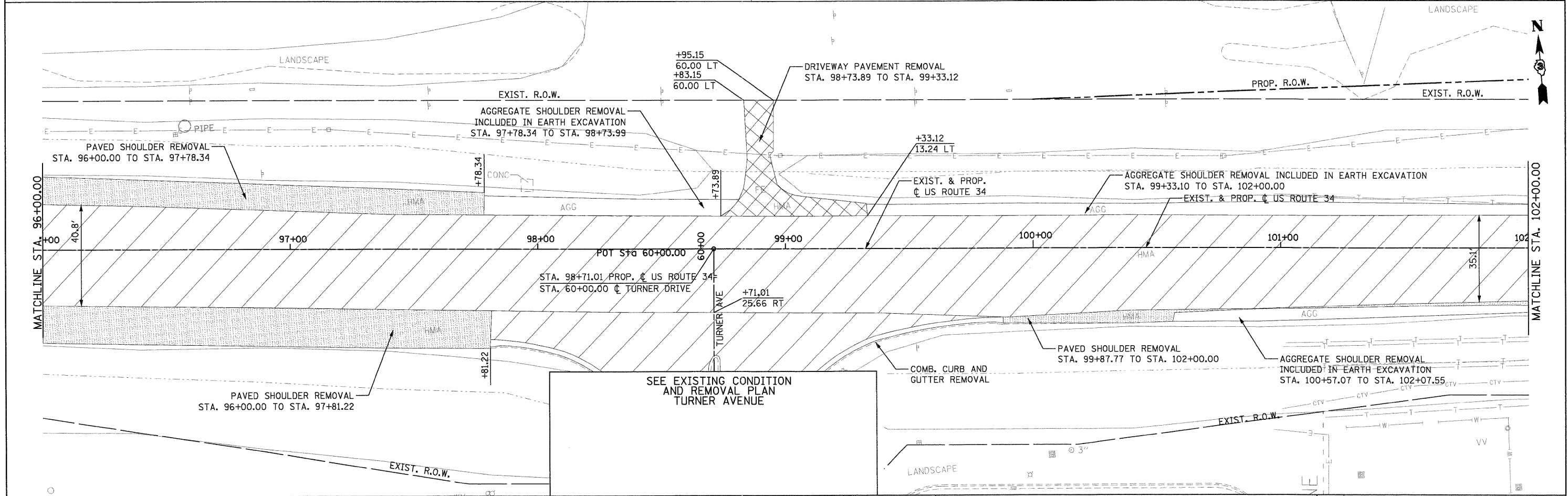
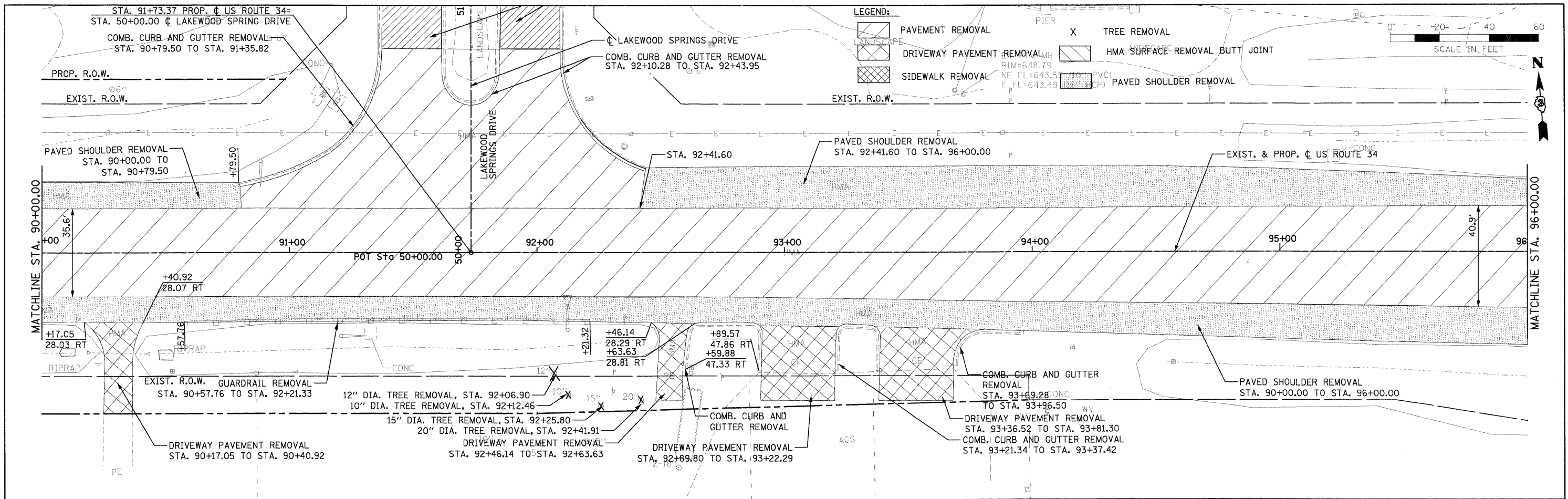
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PLOT DATE = 19-AUG-2011 08:13	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
US ROUTE 34**

SCALE: 1" = 50' REM - 7 OF 11 STA. 78+00 TO STA. 90+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	53
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



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 CHICAGO, IL 60606
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FILE NAME = D366988-shr-rem08.dgn
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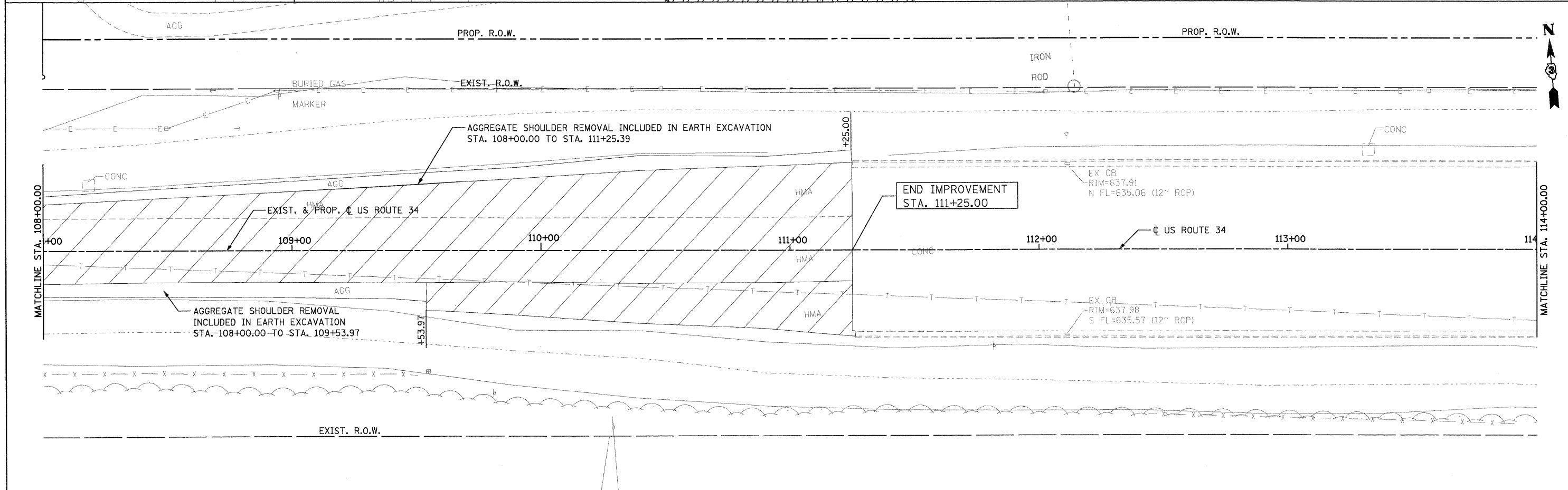
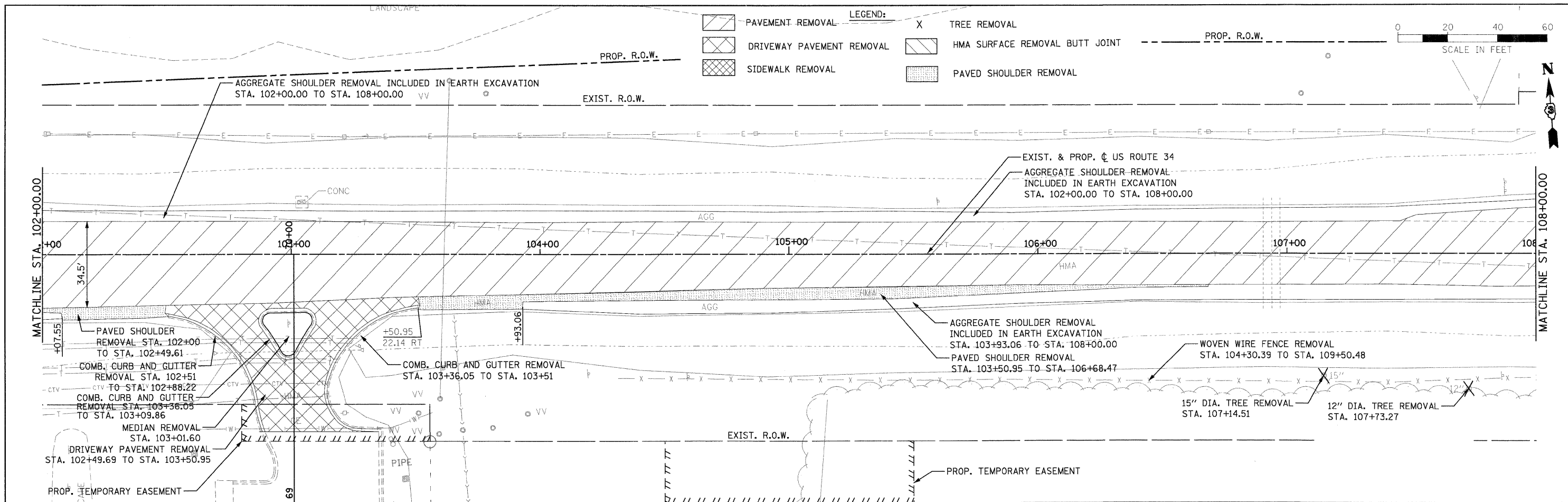
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
 US ROUTE 34**

SCALE: 1" = 50'
 REM - 8 OF 11
 STA. 90+00 TO STA. 102+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2114R-1 & BR-1(D)15R-1	KENDALL	429	54
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



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FILE NAME = D366785-sht-rem09.dgn
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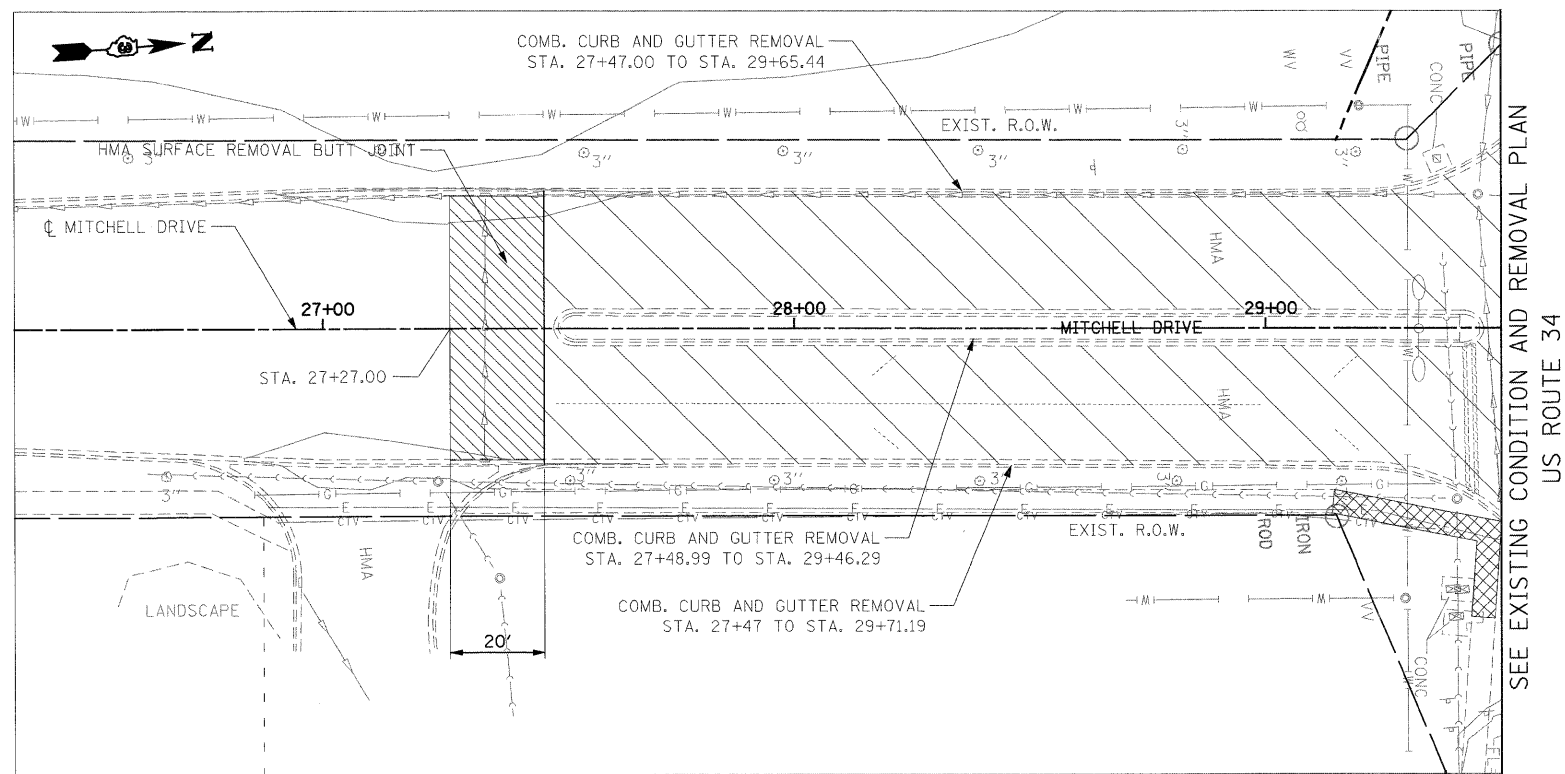
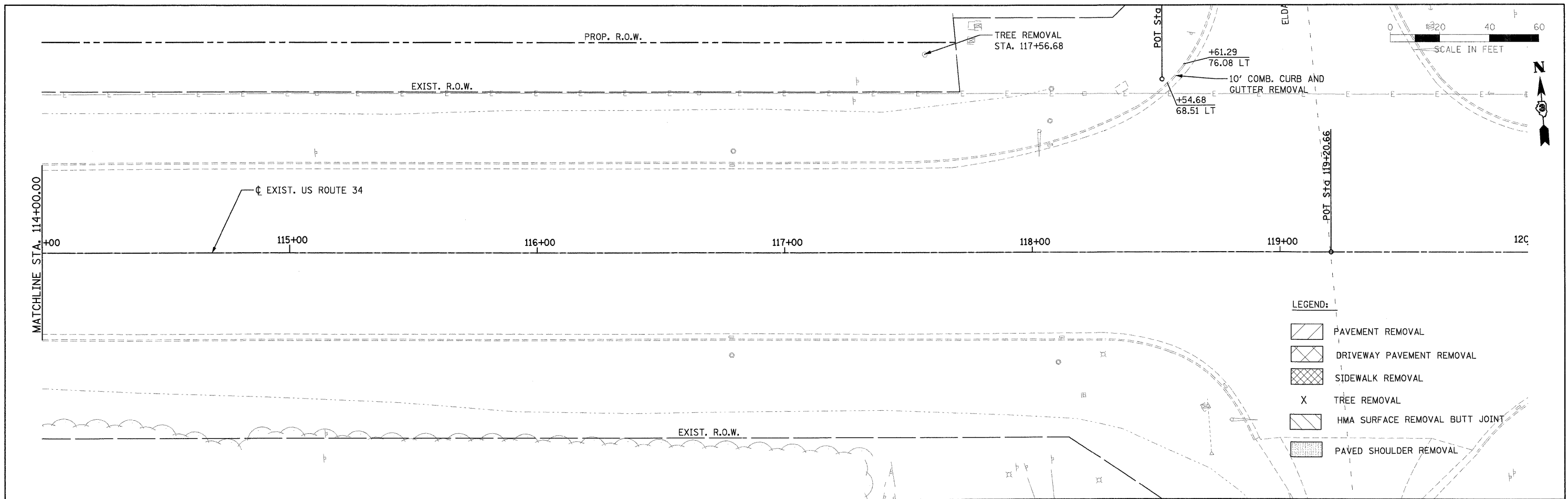
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 CHECKED - KJB
 DATE - 08-18-2011

REVISED -
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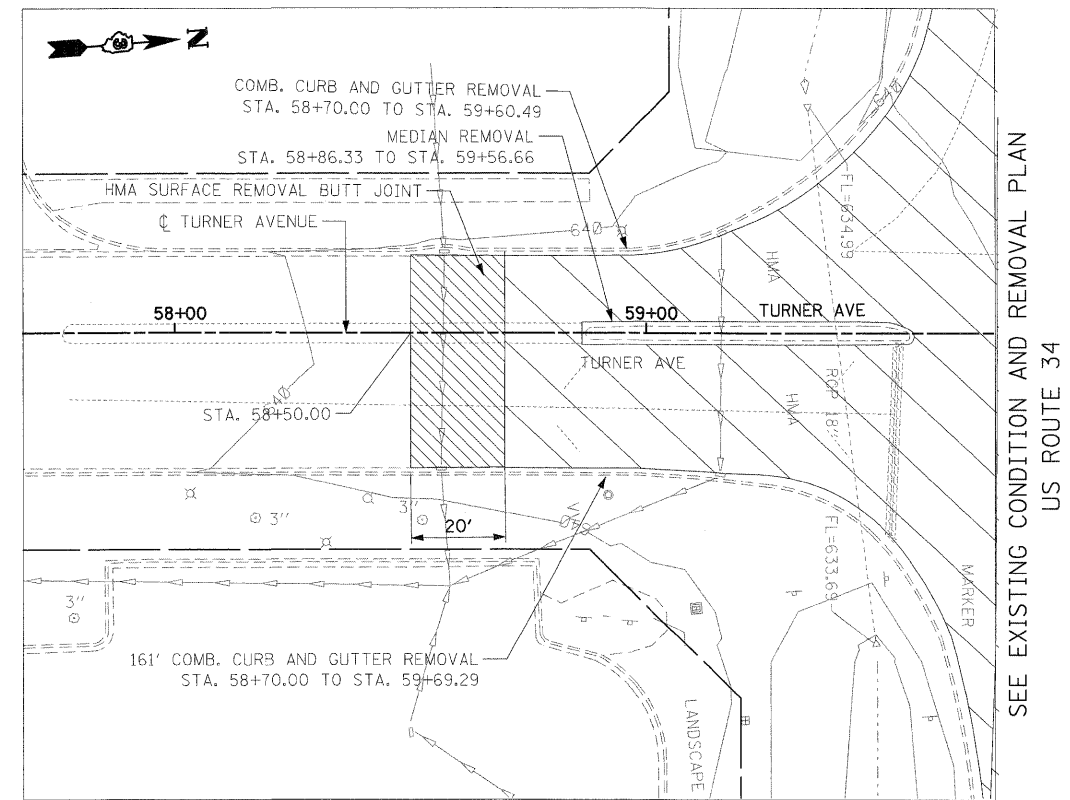
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING CONDITION AND REMOVAL PLAN
 US ROUTE 34**
 SCALE: 1" = 50'
 REM - 9 OF 11
 STA. 102+00 TO STA. 114+00

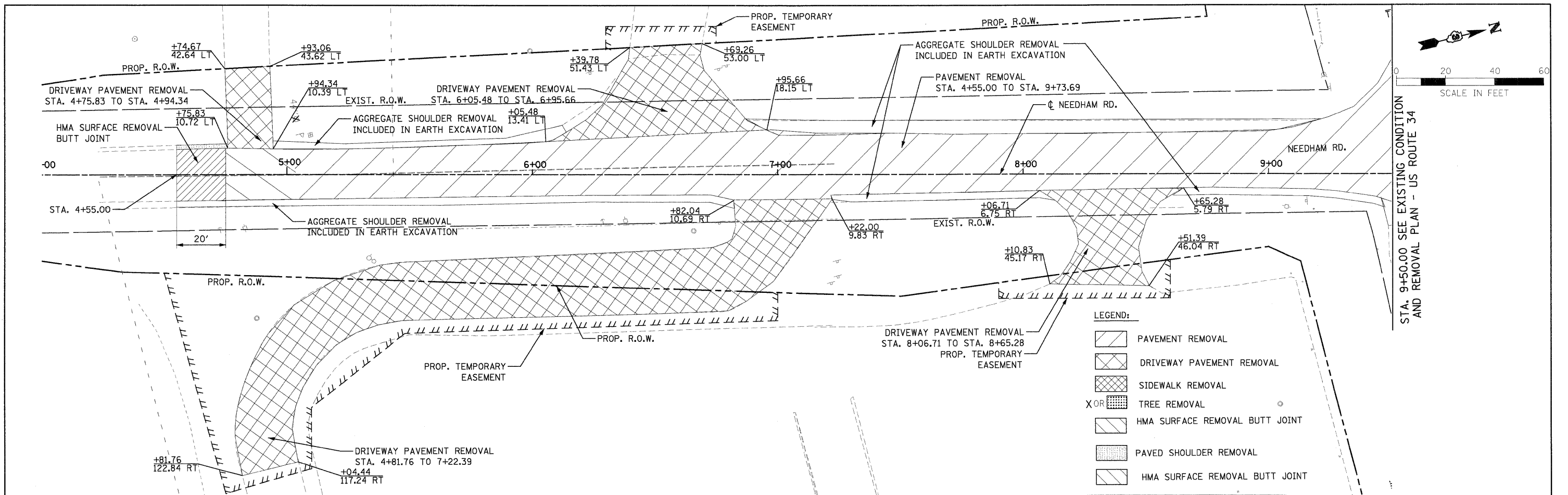
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FINAL SUBMITTAL				CONTRACT NO. 66985
[ILLINOIS] FED. AID PROJECT				



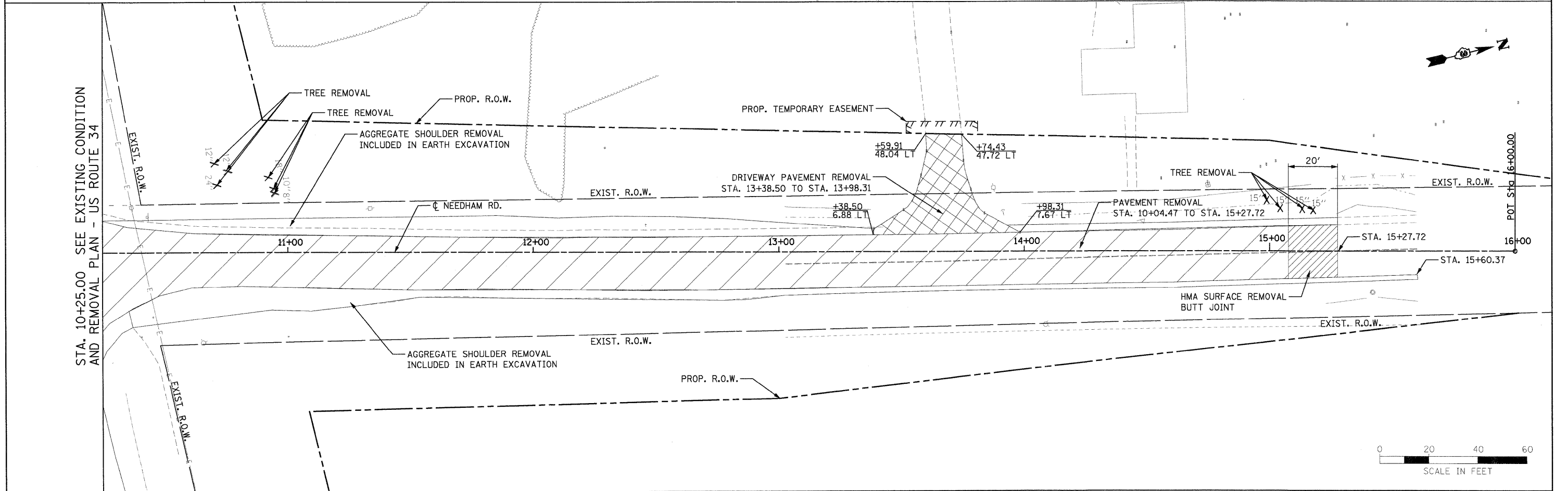
EXISTING CONDITION AND REMOVAL PLAN
MITCHELL DRIVE



EXISTING CONDITION AND REMOVAL PLAN
TURNER AVENUE



STA. 9+50.00 SEE EXISTING CONDITION AND REMOVAL PLAN - US ROUTE 34



STA. 10+25.00 SEE EXISTING CONDITION AND REMOVAL PLAN - US ROUTE 34

PB Americas, Inc. 230 WEST MONROE STREET, SUITE 300 CHICAGO, IL 60606 (312)782-8150	FILE NAME = D366985-shr-rem1.dgn	DESIGNED - MMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEEDHAM ROAD EXISTING CONDITION AND REMOVAL PLAN	F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 57
	PLOT SCALE = 20	CHECKED - KJB	REVISED -			SCALE: 1" = 50'	REM - 11 OF 11	STA. 4+00 TO STA. 16+00	FINAL SUBMITTAL	CONTRACT NO. 66985
	PLOT DATE = 19-AUG-2011 08:14	DATE - 08-18-2011	REVISED -							

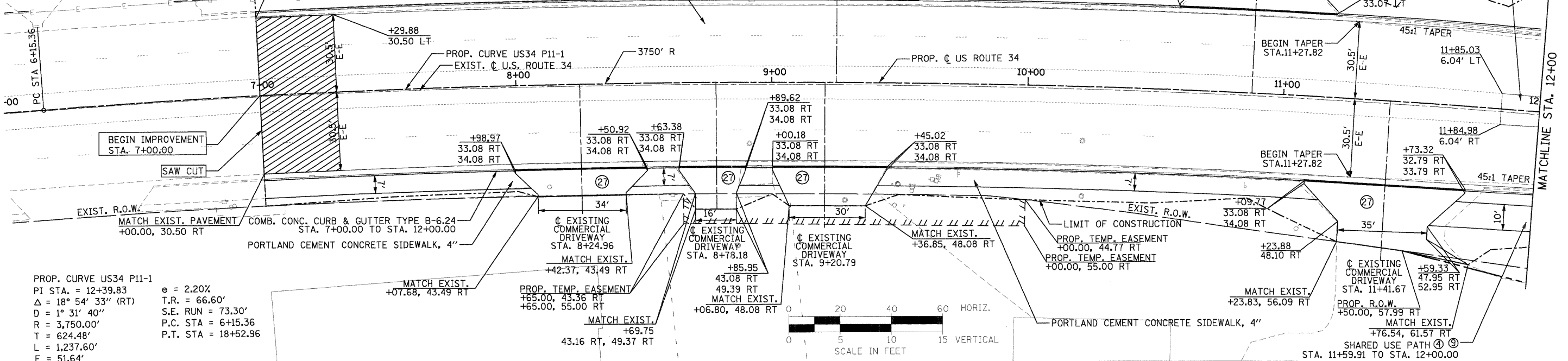
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PROFILE	SURVEYED	DATE
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	BY	
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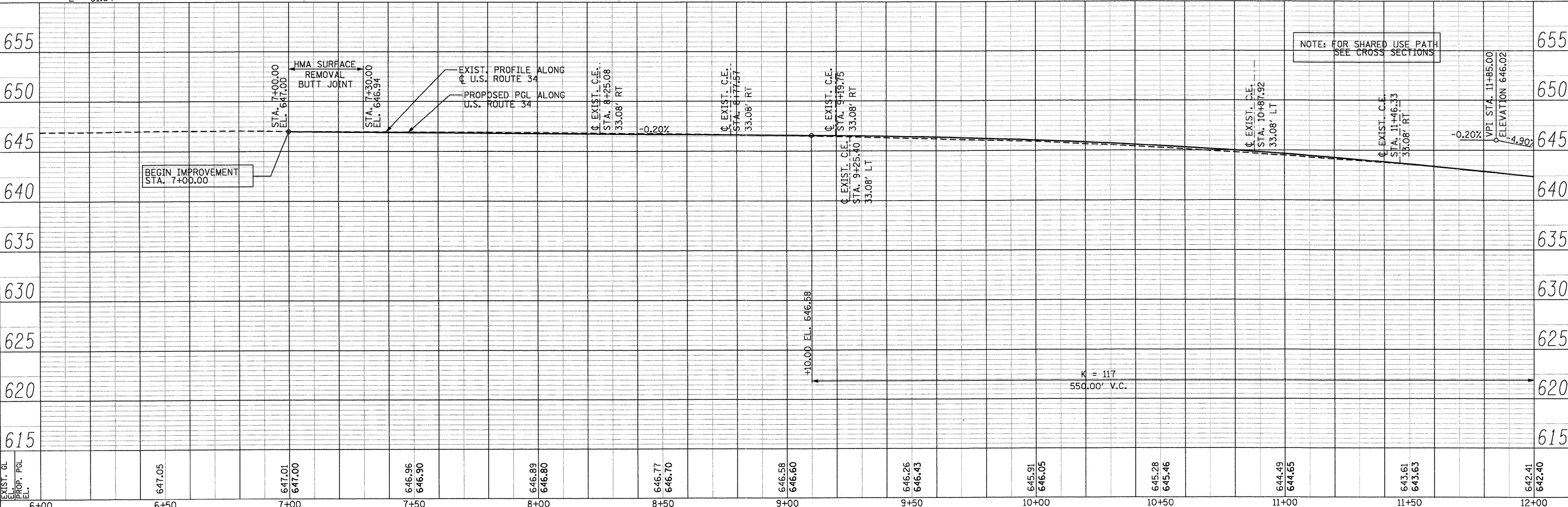
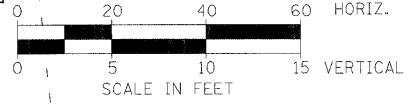
LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ②4 AGGREGATE SURFACE COURSE, TYPE B, 8"
- ②5 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②6 AGGREGATE BASE COURSE, TYPE A, 8"
- ②7 P.C.C. DRIVEWAY PAVEMENT, 8"
- ②8 P.C.C. DRIVEWAY PAVEMENT, 6"

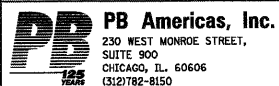
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT



PROP. CURVE US34 P11-1
 PI STA. = 12+39.83 e = 2.20%
 Δ = 18° 54' 33" (RT) T.R. = 66.60'
 D = 1° 31' 40" S.E. RUN = 73.30'
 R = 3,750.00' P.C. STA = 6+15.36
 T = 624.48' P.T. STA = 18+52.96
 L = 1,237.60'
 E = 51.64'



NOTE: FOR SHARED USE PATH SEE CROSS SECTIONS



FILE NAME = 0366785-shr-lp1nprf-rural.dgn	DESIGNED - MMS	REVISED -
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PLOT DATE = 19-AUG-2011 08:14	CHECKED - KJB	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

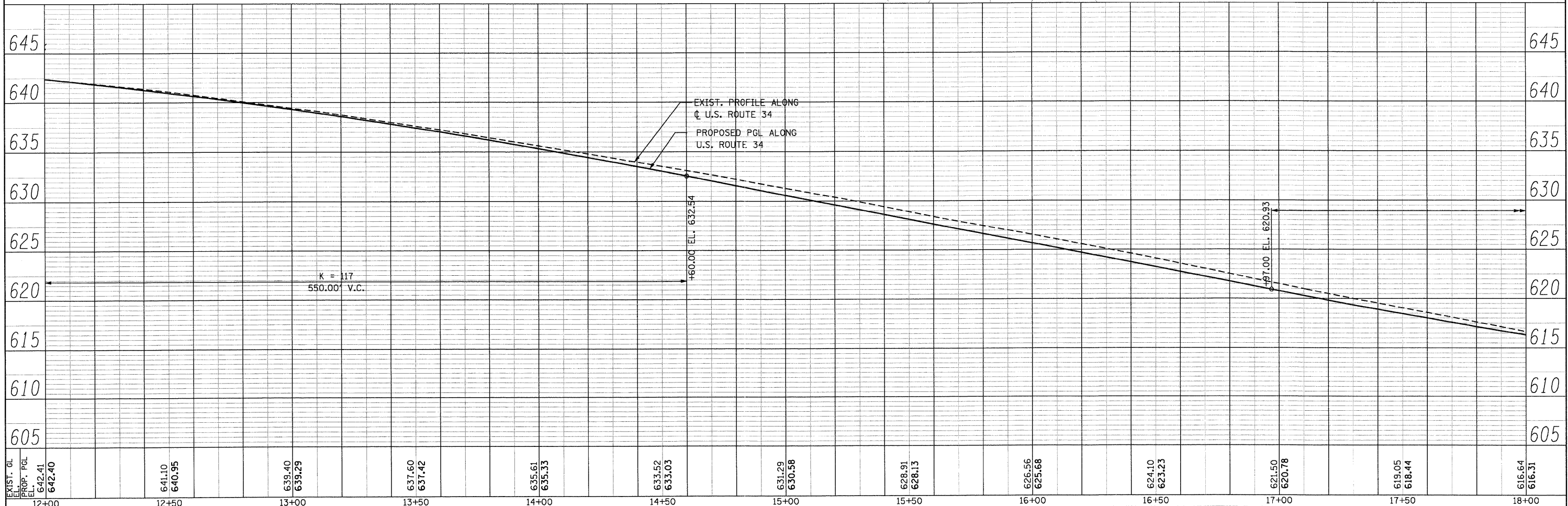
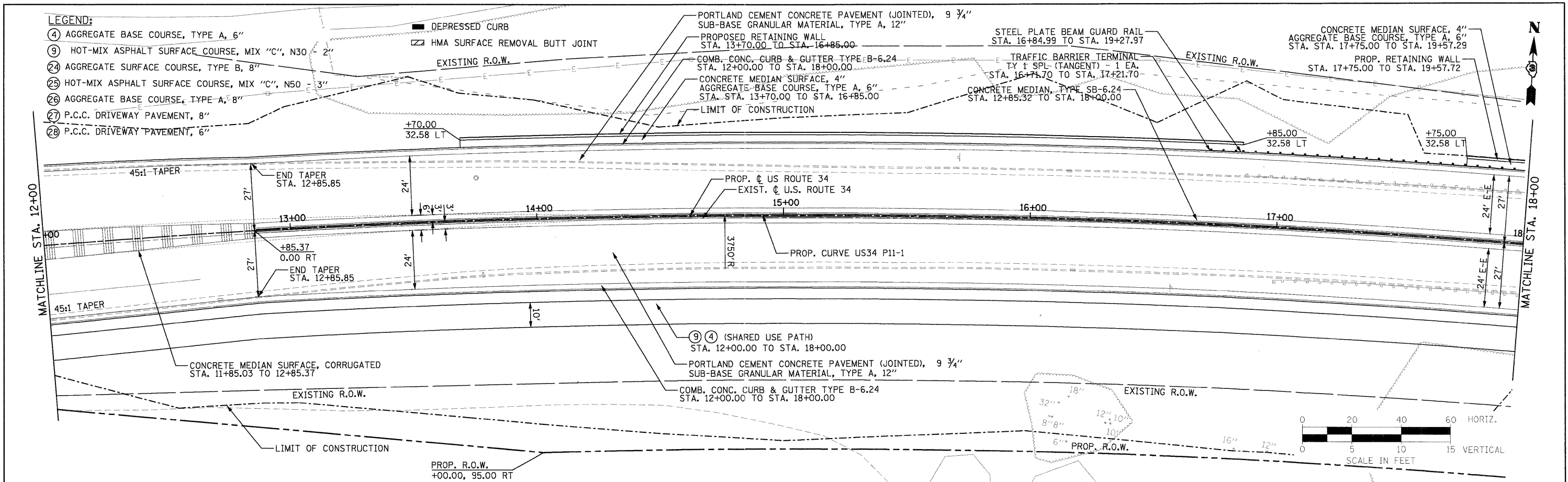
U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horiz PNP - 1 OF 27 STA. 6+00 TO STA. 12+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1015R-1	KENDALL	429	58
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	RT. OF WAY CHECKED		
	NO. _____		
	DATE FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO. _____		



EXIST. GL EL. PROP. PGL EL.	642.41 642.41	641.10 640.95	639.40 639.29	637.60 637.42	635.61 635.33	633.52 633.03	631.29 630.58	628.91 628.13	626.56 625.68	624.10 623.23	621.50 620.78	619.05 618.44	616.64 616.31
12+00	12+50	13+00	13+50	14+00	14+50	15+00	15+50	16+00	16+50	17+00	17+50	18+00	

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CHICAGO, IL 60606
(312)762-8150

FILE NAME = D366985-shr-2plnprf-rural.dgn
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DATE - 08-18-2011

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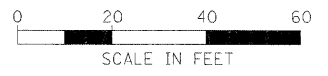
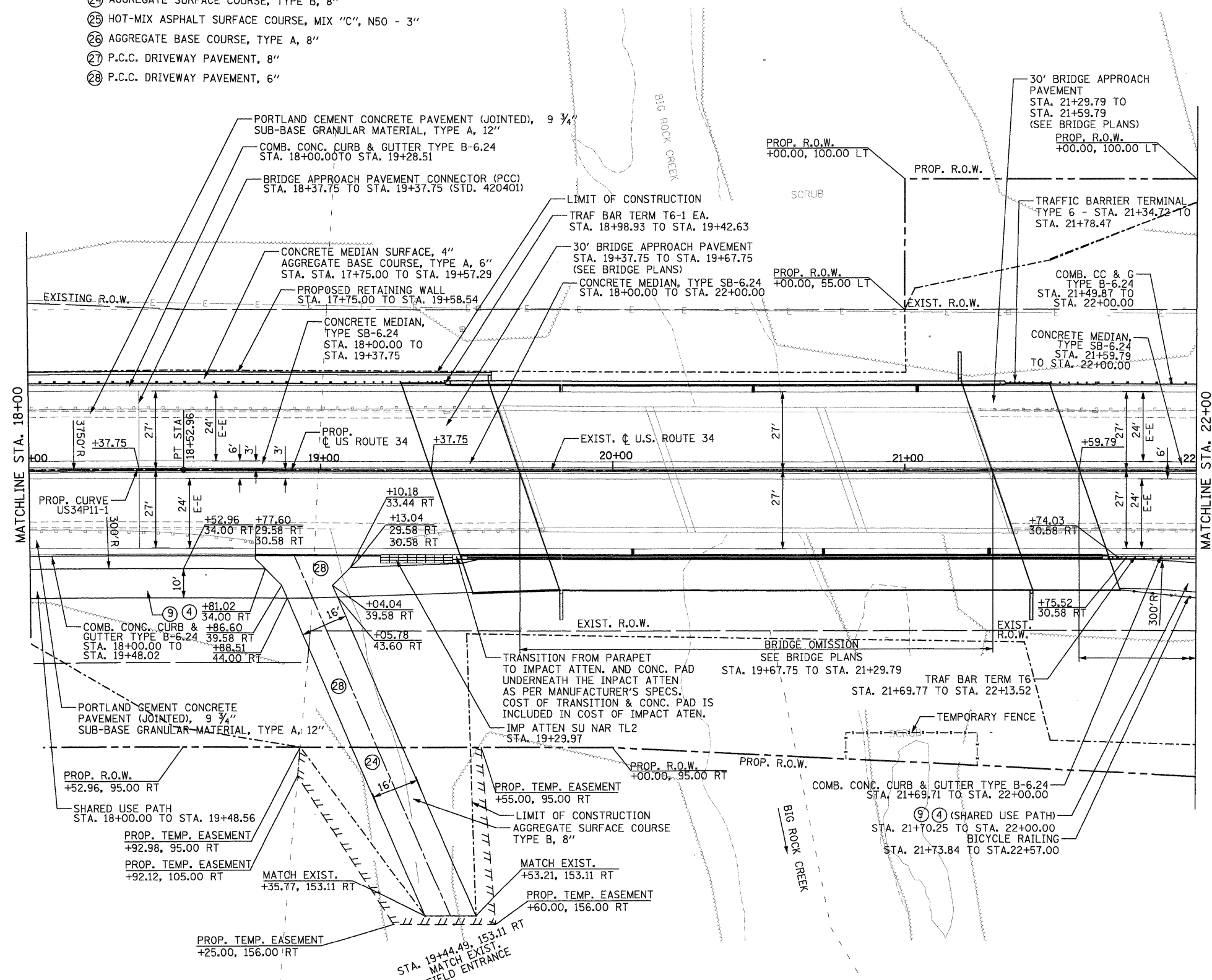
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE
SCALE: 1"=20' Horiz
PNP - 2 OF 27
STA. 12+00 TO STA. 18+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	59
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6" ■ DEPRESSED CURB
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2" ▨ HMA SURFACE REMOVAL BUTT JOINT
- ②4 AGGREGATE SURFACE COURSE, TYPE B, 8"
- ②5 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②6 AGGREGATE BASE COURSE, TYPE A, 8"
- ②7 P.C.C. DRIVEWAY PAVEMENT, 8"
- ②8 P.C.C. DRIVEWAY PAVEMENT, 6"



PB Americas, Inc.
250 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606
(312)782-8150

FILE NAME = D366985-shr-3plan.dgn
DESIGNED - MMS
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PLOT DATE = 19-AUG-2011 08:14

DATE - 08-18-2011

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

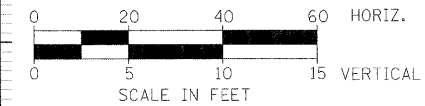
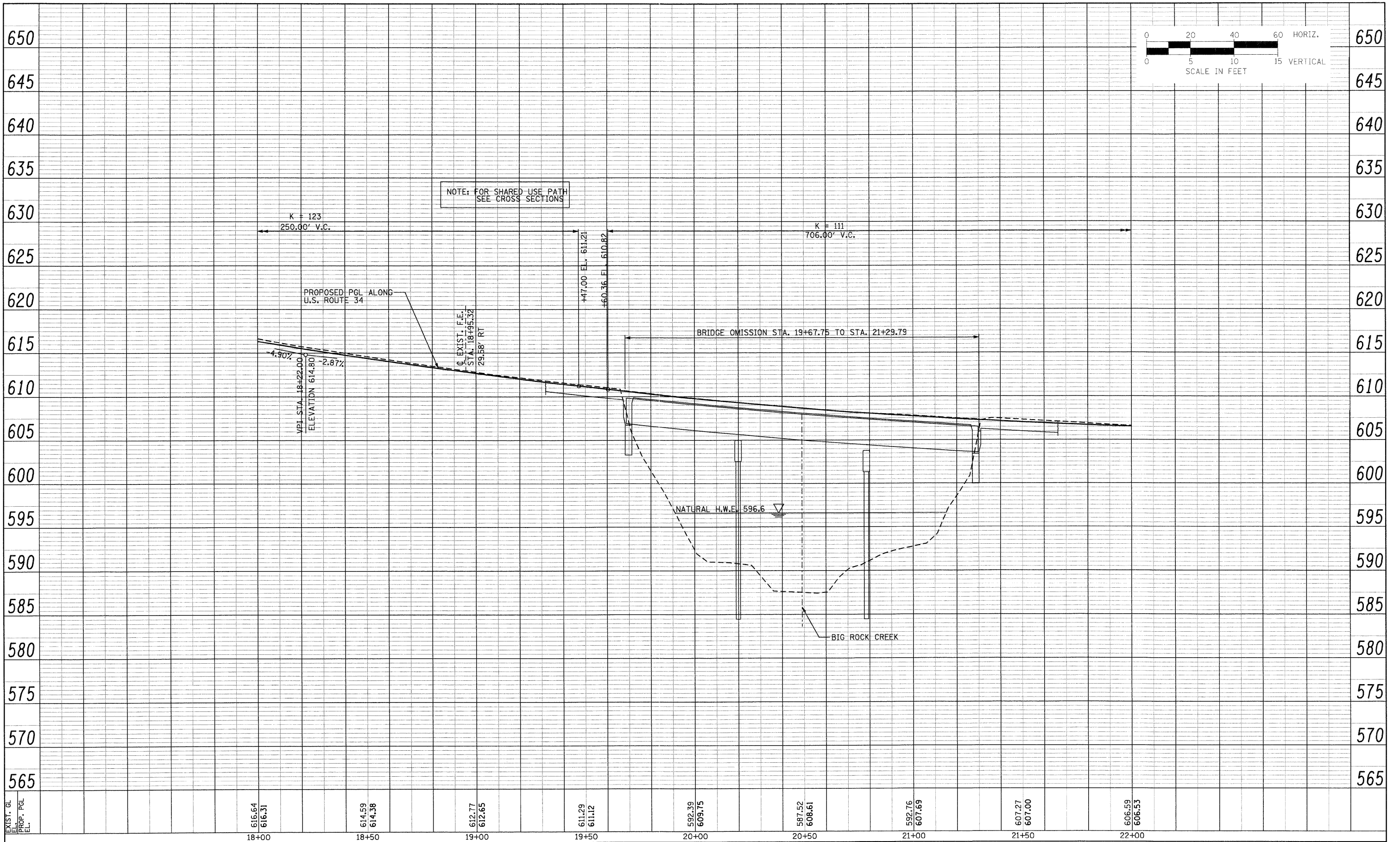
U.S. 34 PLAN & PROFILE

SCALE: 1" = 20' Horz | PNP - 3A OF 27 | STA. 18+00 TO STA. 22+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	60
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



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(312)782-8150

FILE NAME = D366785-sht-3prof.dgn
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REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

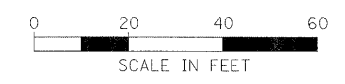
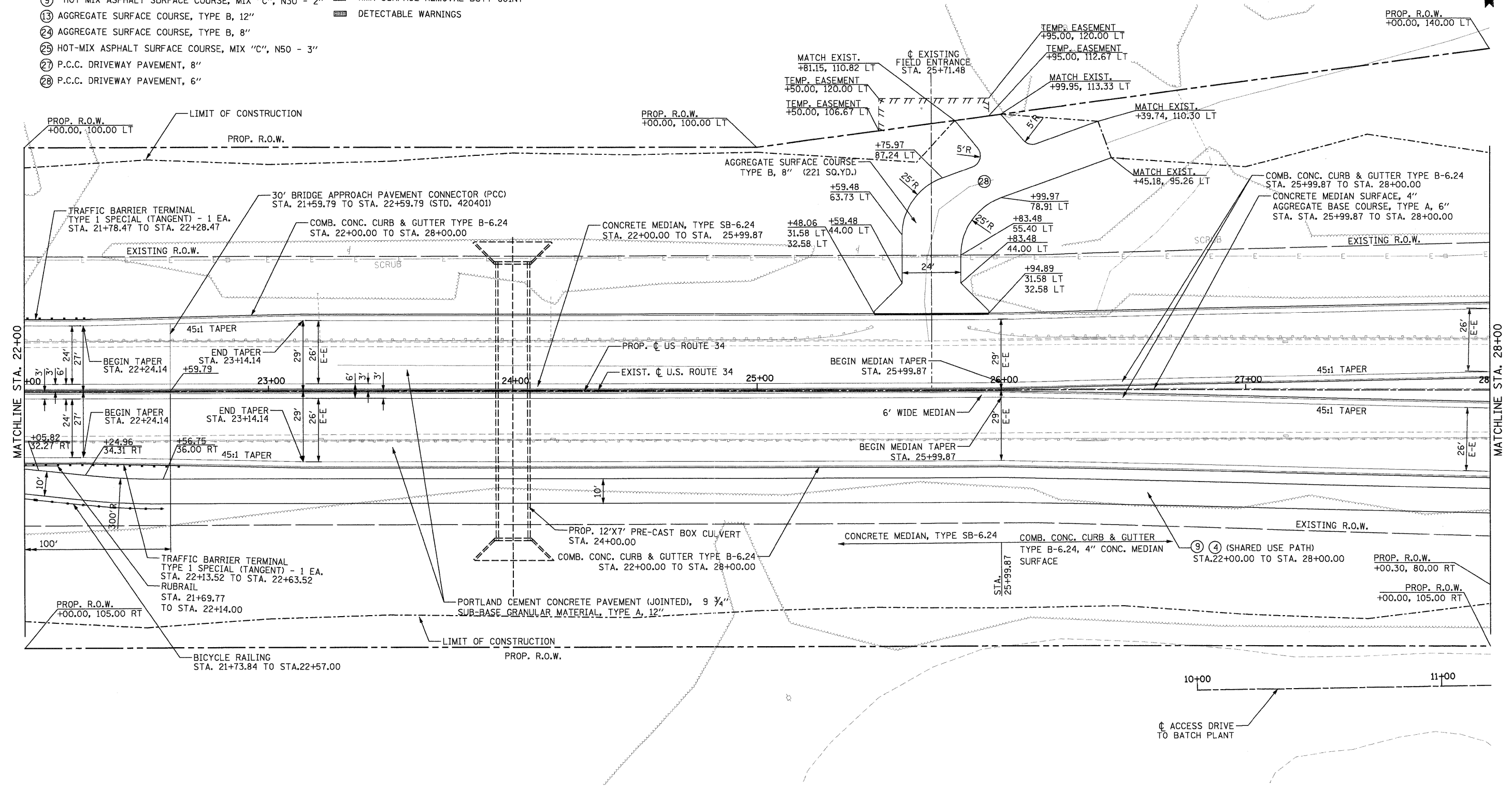
U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horiz PNP - 3B OF 27 STA. 18+00 TO STA. 22+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	61
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6" ■ DEPRESSED CURB
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2" ▨ HMA SURFACE REMOVAL BUTT JOINT
- ⑬ AGGREGATE SURFACE COURSE, TYPE B, 12" ▩ DETECTABLE WARNINGS
- ⑭ AGGREGATE SURFACE COURSE, TYPE B, 8" ▨ DETECTABLE WARNINGS
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ⑰ P.C.C. DRIVEWAY PAVEMENT, 8"
- ⑱ P.C.C. DRIVEWAY PAVEMENT, 6"



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = 0366785-shr-4plan.dgn	DESIGNED - MMS	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

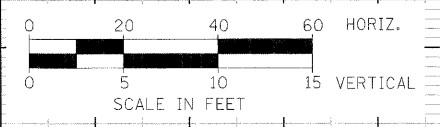
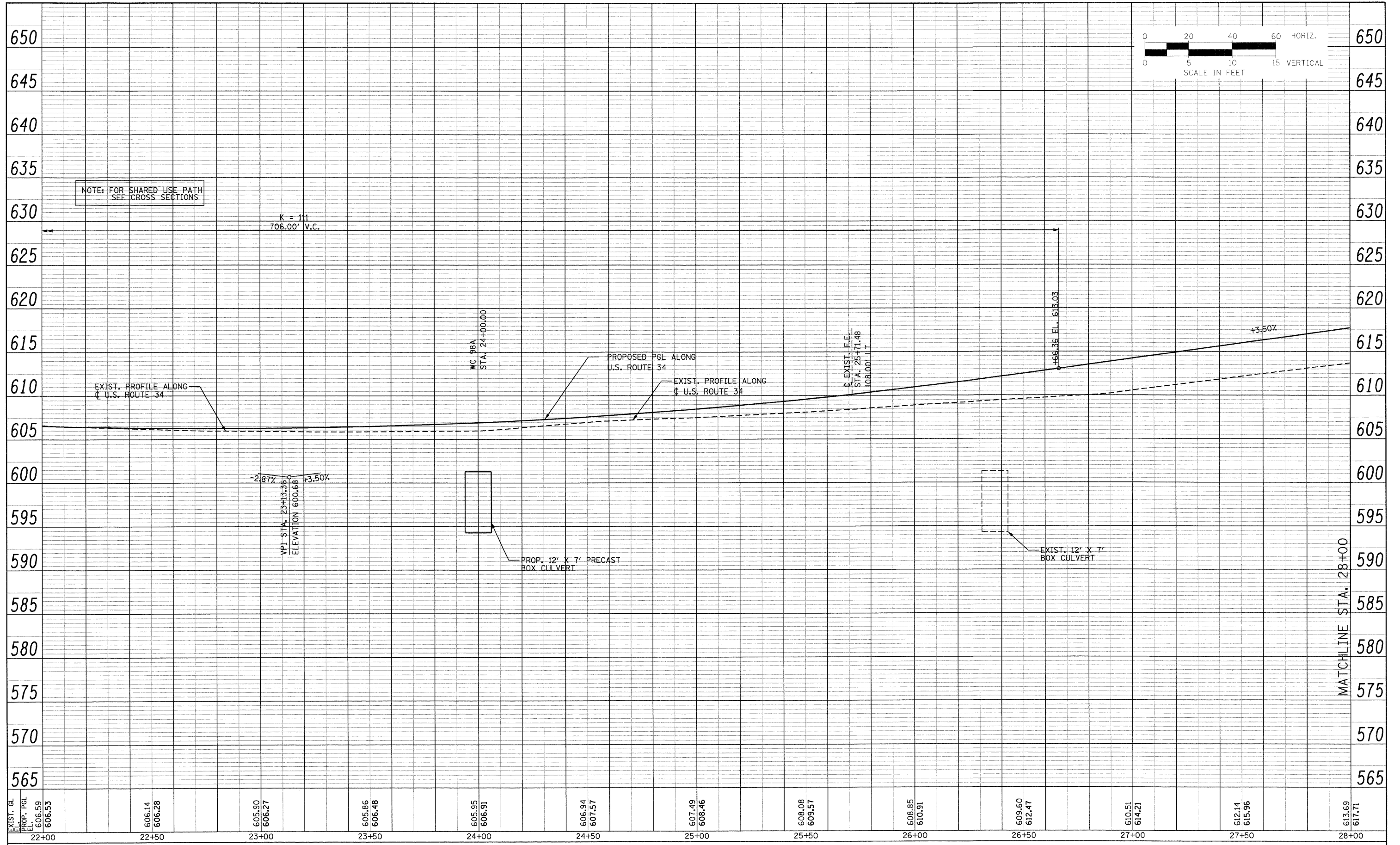
U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horiz PNP - 4A OF 27 STA. 22+00 TO STA. 28+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	62
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CAD FILE NAME		



NOTE: FOR SHARED USE PATH SEE CROSS SECTIONS

EXIST. G.L. EL.	PROP. P.G.L. EL.	22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00	27+50	28+00
		606.53	606.14 606.28	605.90 606.27	605.86 606.48	605.95 606.91	606.94 607.57	607.49 608.46	608.08 609.57	608.85 610.91	609.60 612.47	610.51 614.21	612.14 615.96	613.69 617.71

PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = 0366985-sht-4-prof.dgn	DESIGNED - MMS	REVISED -
PLOT SCALE = 20	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 08:14	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

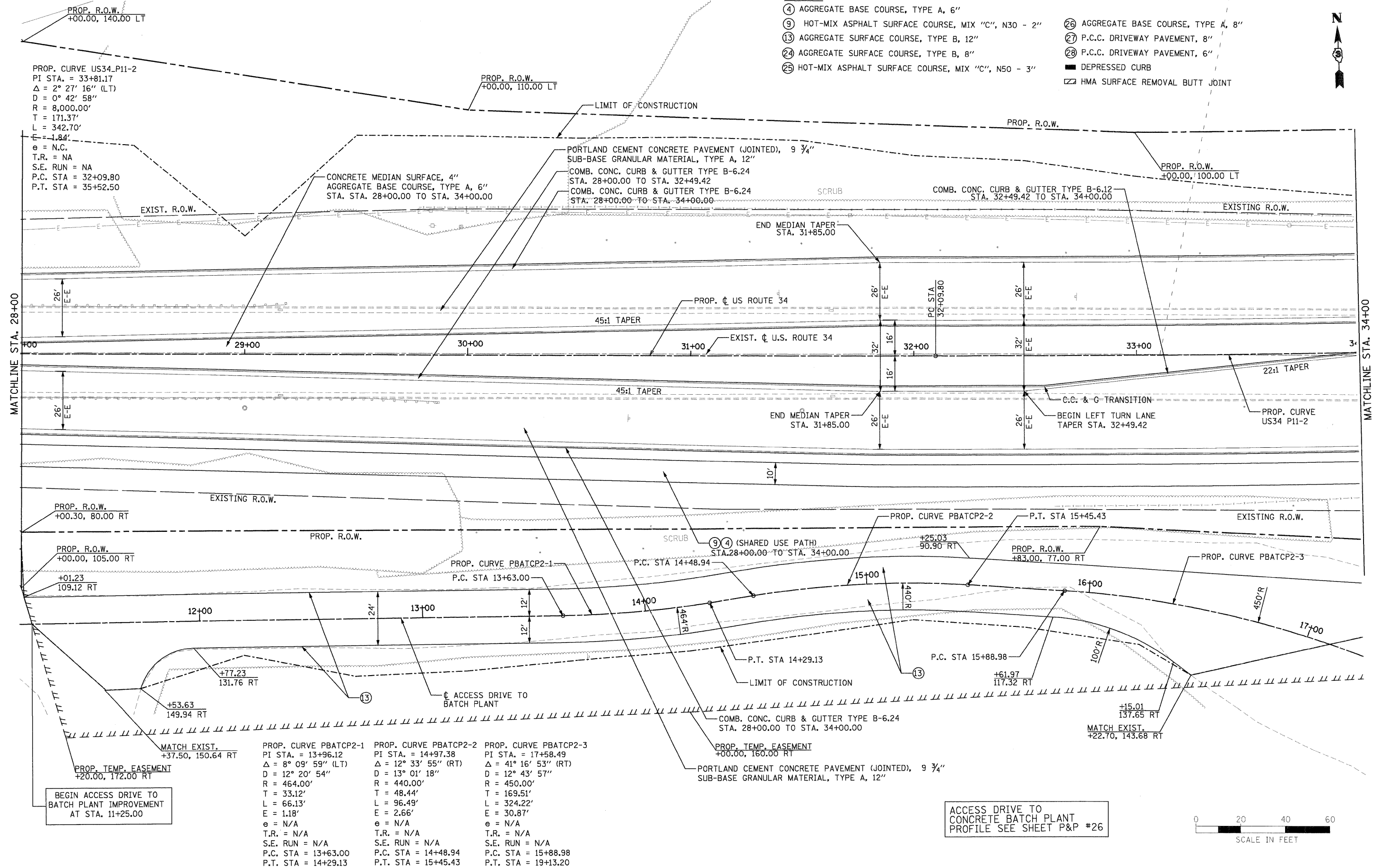
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE
 SCALE: 1"=20' Horiz
 PNP - 4B OF 27
 STA. 22+00 TO STA. 28+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(D);15R-1	KENDALL	429	63
FINAL SUBMITTAL			CONTRACT NO. 66985	
[ILLINOIS] FED. AID PROJECT				

LEGEND:

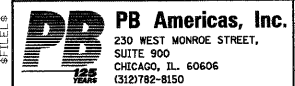
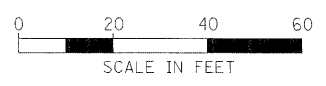
- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ⑬ AGGREGATE SURFACE COURSE, TYPE B, 12"
- ⑲ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ⑳ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ㉔ AGGREGATE BASE COURSE, TYPE A, 8"
- ㉕ P.C.C. DRIVEWAY PAVEMENT, 8"
- ㉖ P.C.C. DRIVEWAY PAVEMENT, 6"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT



PROP. CURVE US34-P11-2
 PI STA. = 33+81.17
 $\Delta = 2^\circ 27' 16''$ (LT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 171.37'$
 $L = 342.70'$
 $E = -1.84'$
 $e = N.C.$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 32+09.80$
 $P.T. STA = 35+52.50$

PROP. CURVE PBATCP2-1 PI STA. = 13+96.12 $\Delta = 8^\circ 09' 59''$ (LT) $D = 12^\circ 20' 54''$ $R = 464.00'$ $T = 33.12'$ $L = 66.13'$ $E = 1.18'$ $e = N/A$ $T.R. = N/A$ $S.E. RUN = N/A$ $P.C. STA = 13+63.00$ $P.T. STA = 14+29.13$	PROP. CURVE PBATCP2-2 PI STA. = 14+97.38 $\Delta = 12^\circ 33' 55''$ (RT) $D = 13^\circ 01' 18''$ $R = 440.00'$ $T = 48.44'$ $L = 96.49'$ $E = 2.66'$ $e = N/A$ $T.R. = N/A$ $S.E. RUN = N/A$ $P.C. STA = 14+48.94$ $P.T. STA = 15+45.43$	PROP. CURVE PBATCP2-3 PI STA. = 17+58.49 $\Delta = 41^\circ 16' 53''$ (RT) $D = 12^\circ 43' 57''$ $R = 450.00'$ $T = 169.51'$ $L = 324.22'$ $E = 30.87'$ $e = N/A$ $T.R. = N/A$ $S.E. RUN = N/A$ $P.C. STA = 15+88.98$ $P.T. STA = 19+13.20$
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ACCESS DRIVE TO
 CONCRETE BATCH PLANT
 PROFILE SEE SHEET P&P #26



FILE NAME = D366989-sh1-5pln.dgn
 DESIGNED - MMS
 DRAWN - MMS
 CHECKED - KJB
 DATE - 08-18-2011
 PLOT SCALE = 2@
 PLOT DATE = 19-AUG-2011 08:14

DESIGNED - MMS
 DRAWN - MMS
 CHECKED - KJB
 DATE - 08-18-2011

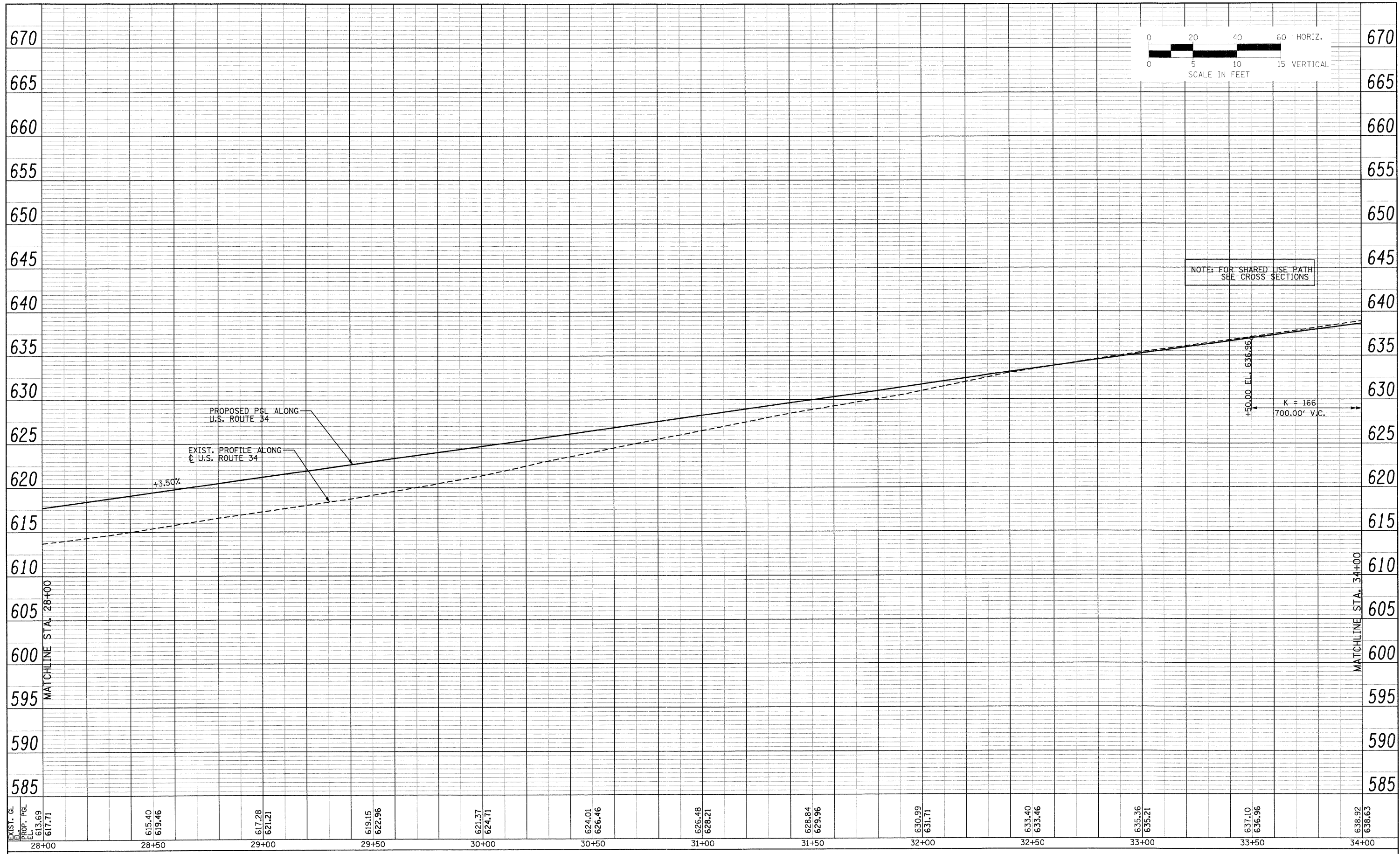
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE
 SCALE: 1"=20' Horz | PNP - 5A OF 27 | STA. 28+00 TO STA. 34+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(D);15R-1	KENDALL	429	64
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		



EXIST. EL.	PROP. PGL EL.	28+00	28+50	29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50	34+00
617.71	617.28		615.40 619.46	617.28 621.21	619.15 622.96	621.37 624.71	624.01 626.46	626.48 628.21	628.84 629.96	630.99 631.71	633.40 633.46	635.36 635.21	637.10 636.96	638.92 638.63

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606
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FILE NAME = D366985-shr-5prof.dgn
PLOT SCALE = 20
PLOT DATE = 19-AUG-2011 08:14

DESIGNED - MMS
DRAWN - MMS
CHECKED - KJB
DATE - 08-18-2011

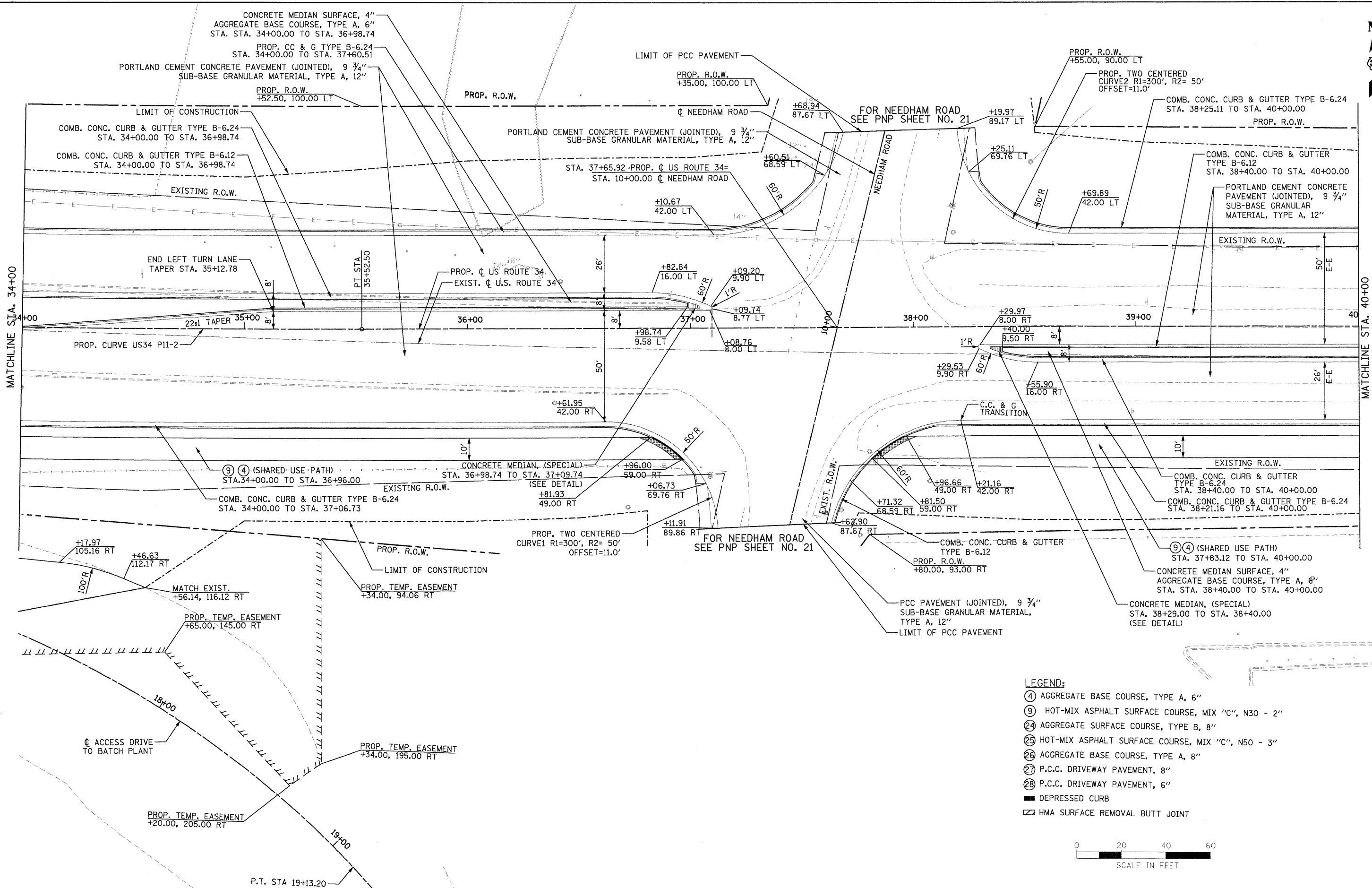
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

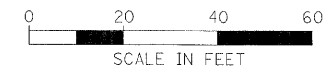
U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horiz
PNP - 5B OF 27
STA. 28+00 TO STA. 34+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	65
FINAL SUBMITTAL			CONTRACT NO. 66985	
(ILLINOIS) FED. AID PROJECT				



- LEGEND:**
- ④ AGGREGATE BASE COURSE, TYPE A, 6"
 - ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
 - ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
 - ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
 - ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
 - ②⑦ P.C.C. DRIVEWAY PAVEMENT, 8"
 - ②⑧ P.C.C. DRIVEWAY PAVEMENT, 6"
 - DEPRESSED CURB
 - ▨ HMA SURFACE REMOVAL BUTT JOINT



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 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = D366788-shr-6plan.dgn	DESIGNED - MMS	REVISED -
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	DATE - 08-18-2011	REVISED -

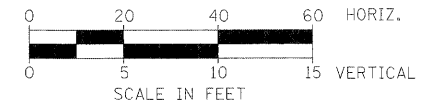
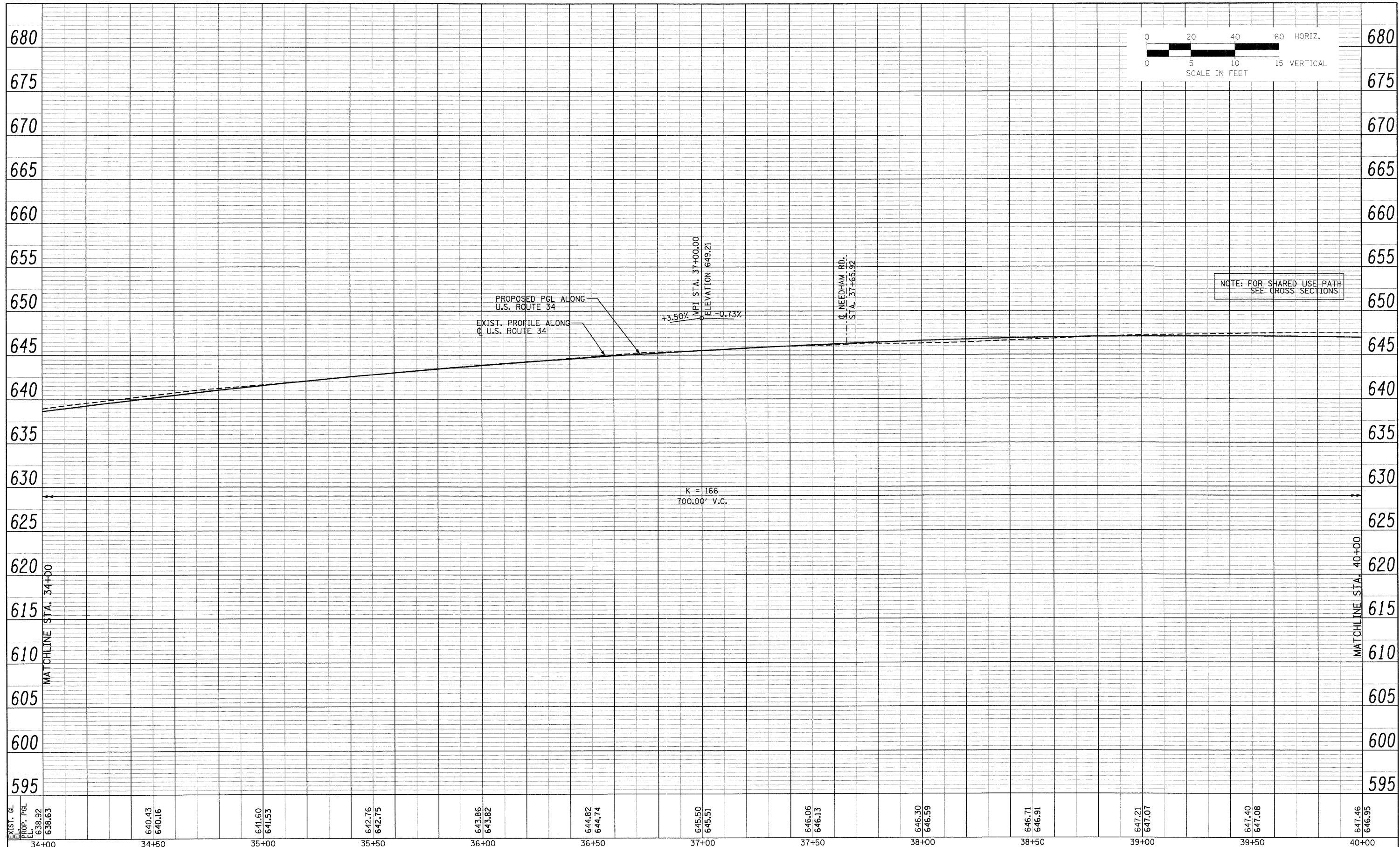
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE			
SCALE: 1"=20' Hor'lz	PNP - 6A OF 27	STA. 34+00 TO STA. 40+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-10115R-1	KENDALL	429	66
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO.		
	PAID FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO.		



FILE NAME =	D366985-ah-6prof.dgn
DESIGNED -	MMS
DRAWN -	MMS
CHECKED -	KJB
DATE -	08-18-2011
PLOT SCALE =	20
PLOT DATE =	19-AUG-2011 08:14

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

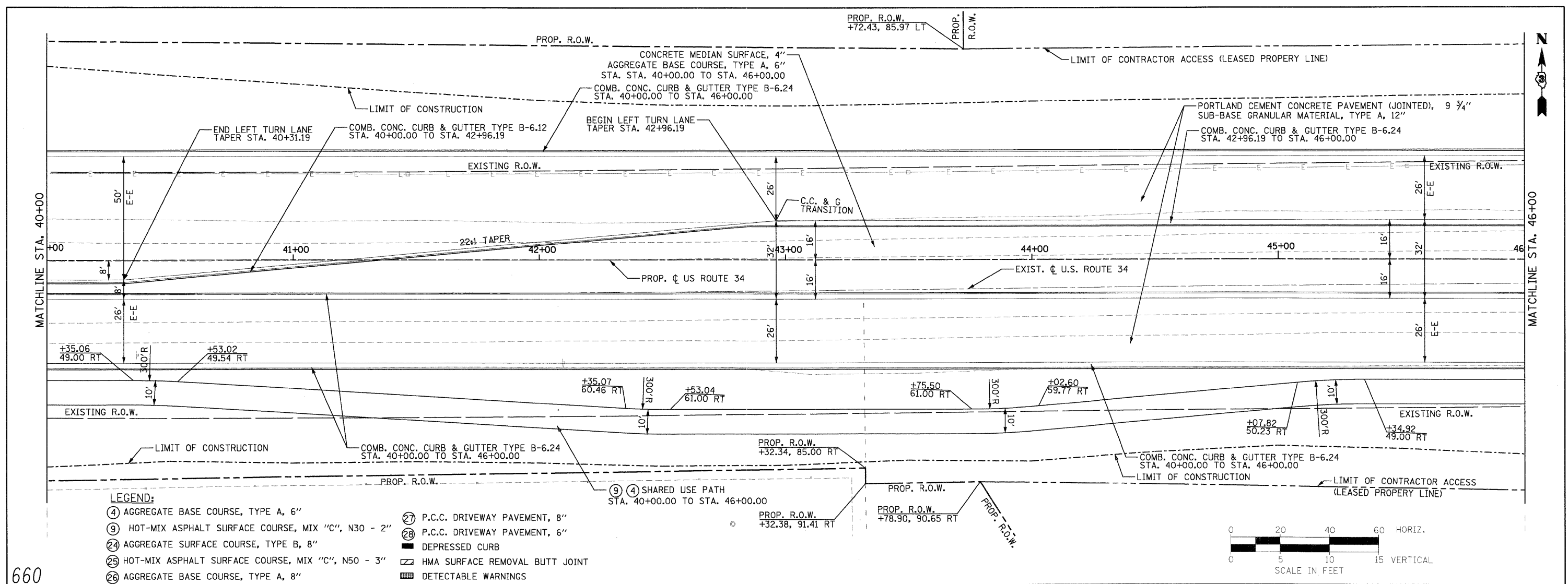
U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horiz PNP - 6B OF 27 STA. 34+00 TO STA. 40+00

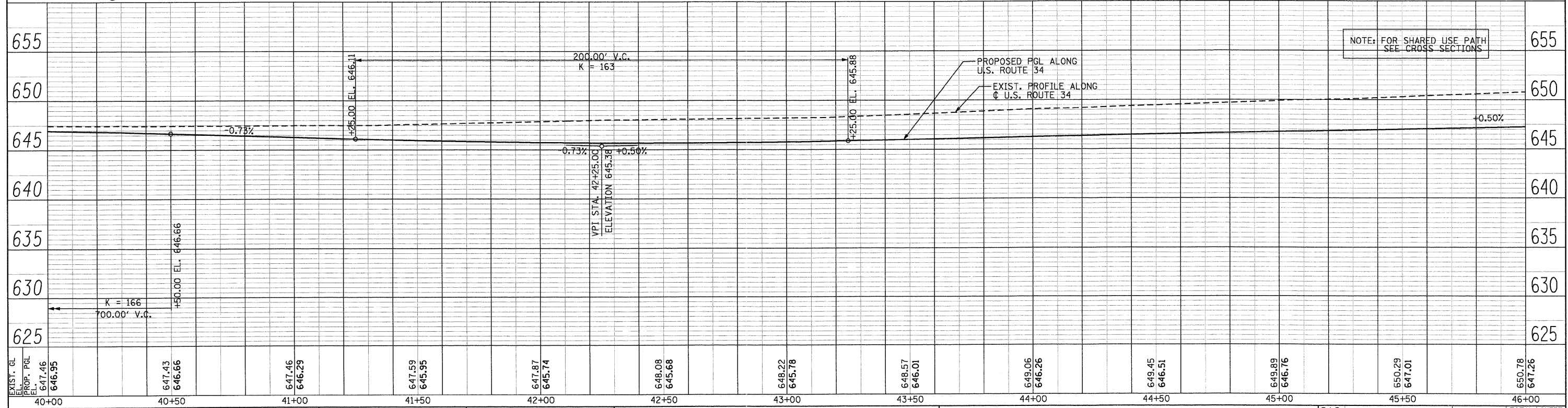
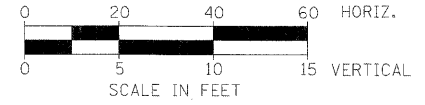
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	67
FINAL SUBMITTAL				CONTRACT NO. 66985
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



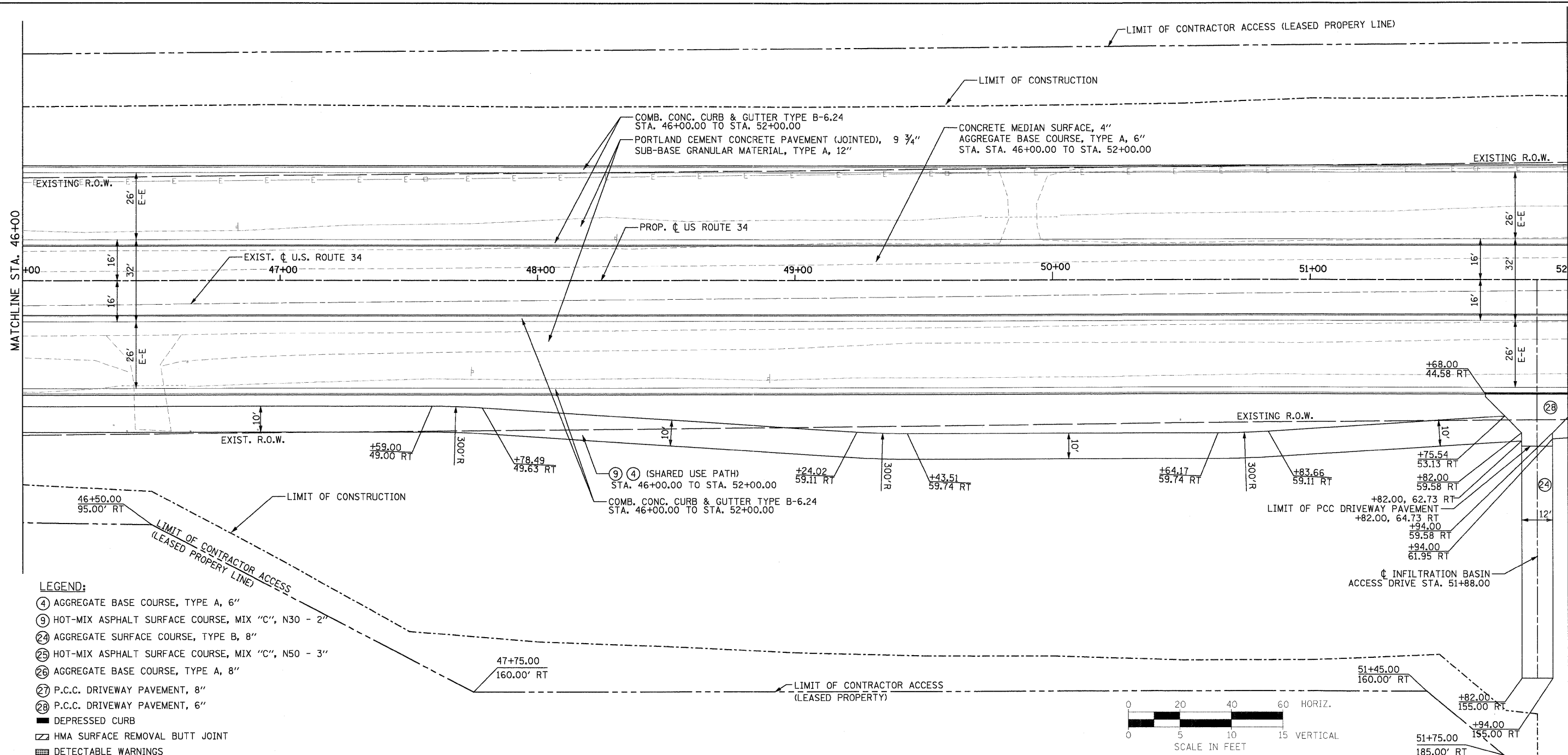
- LEGEND:**
- ④ AGGREGATE BASE COURSE, TYPE A, 6"
 - ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
 - ⑭ AGGREGATE SURFACE COURSE, TYPE B, 8"
 - ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
 - ⑯ AGGREGATE BASE COURSE, TYPE A, 8"
 - ⑰ P.C.C. DRIVEWAY PAVEMENT, 8"
 - ⑱ P.C.C. DRIVEWAY PAVEMENT, 6"
 - DEPRESSED CURB
 - ▨ HMA SURFACE REMOVAL BUTT JOINT
 - DETECTABLE WARNINGS



PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = 0366785-sht-7.plnprf.dgn DESIGNED - MMS DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		U.S. 34 PLAN & PROFILE		F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-10;15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 68
	PLOT SCALE = 20' PLOT DATE = 19-AUG-2011 08:14	SCALE: 1"=20' Horiz PNP - 7 OF 27	STA. 40+00 TO STA. 46+00	CONTRACT NO. 66985 ILLINOIS FED. AID PROJECT							

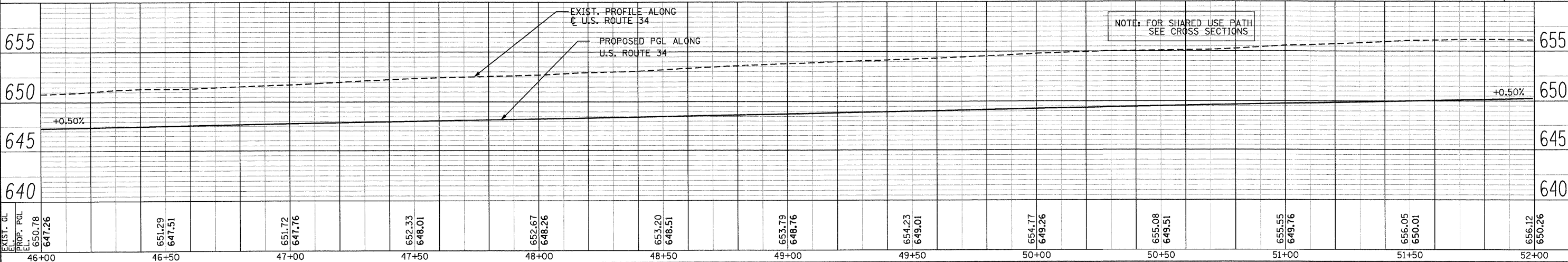
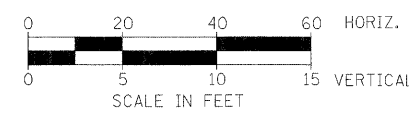
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	



LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
- ②⑦ P.C.C. DRIVEWAY PAVEMENT, 8"
- ②⑧ P.C.C. DRIVEWAY PAVEMENT, 6"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▩ DETECTABLE WARNINGS



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = D366985-sht-8p1npr.f.dgn	DESIGNED - MMS	REVISED -
PLOT SCALE = 20	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 09:14	CHECKED - KJB	REVISED -
	DATE = 08-18-2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

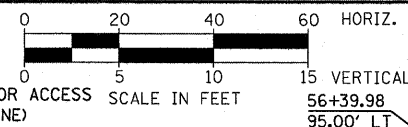
U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horiz PNP - 8 OF 27 STA. 46+00 TO STA. 52+00

F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 69
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

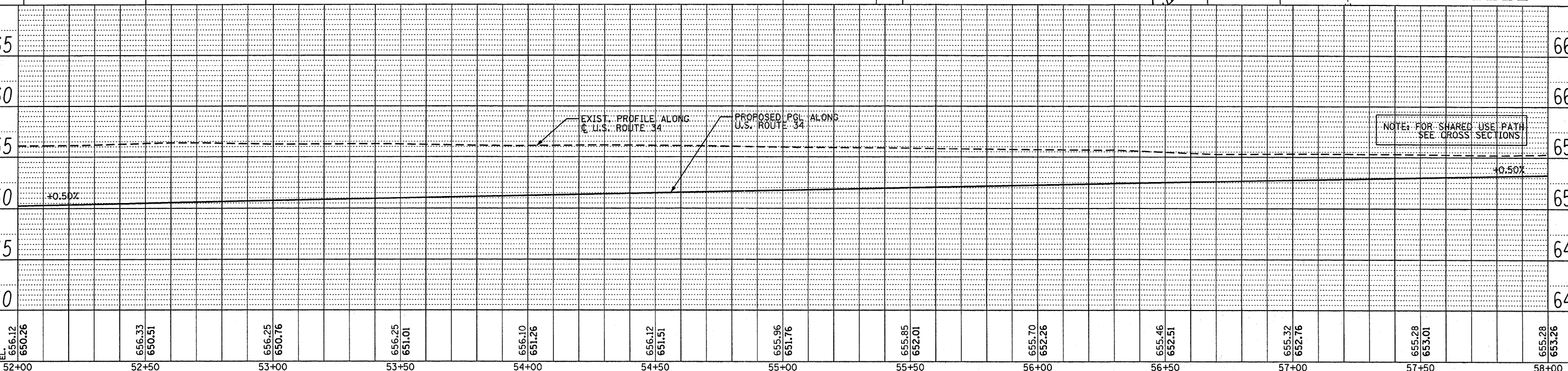
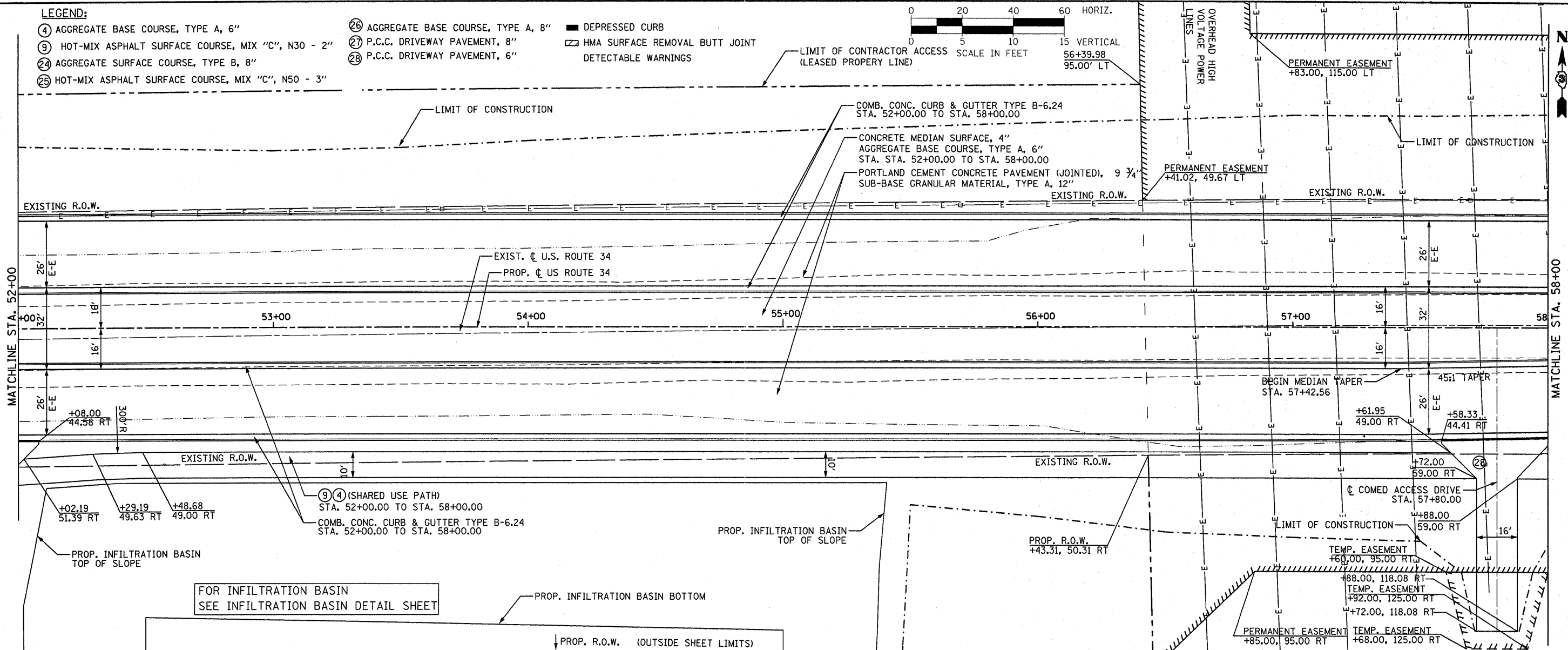
LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
- ②⑦ P.C.C. DRIVEWAY PAVEMENT, 8"
- ②⑧ P.C.C. DRIVEWAY PAVEMENT, 6"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- ▭ DETECTABLE WARNINGS



DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	

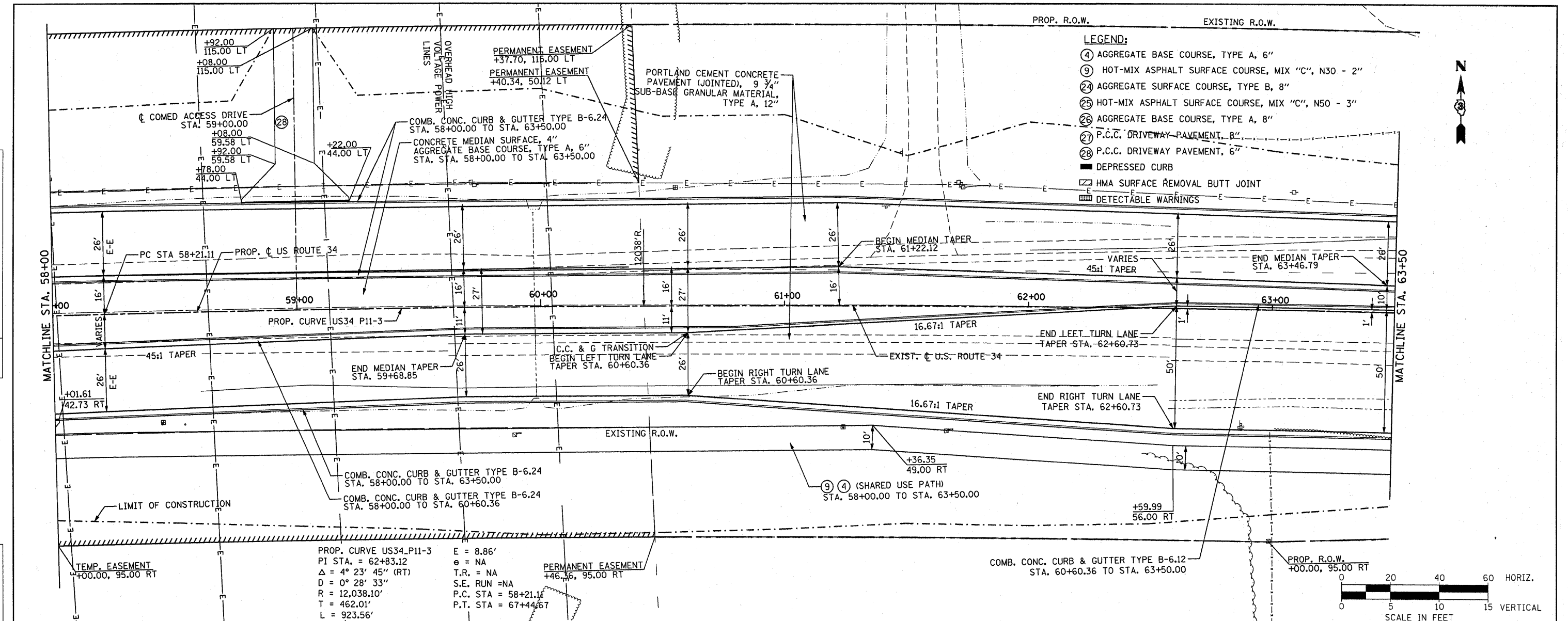


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 DESIGNED - MMS
 DRAWN - MMS
 CHECKED - MMS
 PLOT DATE = 11/22/2011
 REVISIONS:
 11/21/2011 BDD
 08-18-2011 MMS

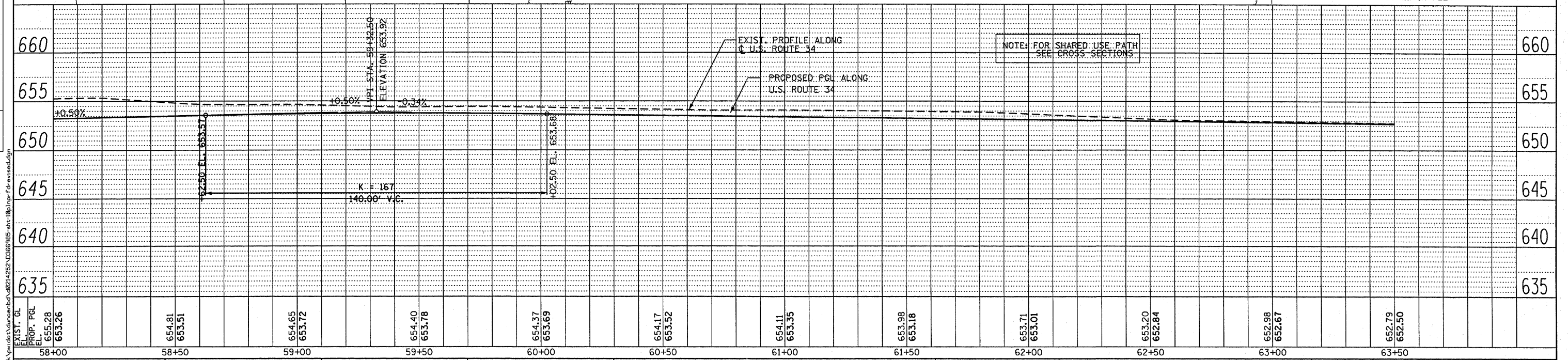
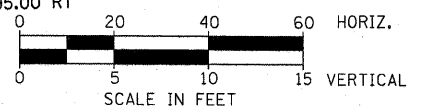
PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = duncanbd DESIGNED - MMS DRAWN - MMS CHECKED - MMS PLOT DATE = 11/22/2011	REVISIONS: 11/21/2011 BDD 08-18-2011 MMS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. 34 PLAN & PROFILE SCALE: 1"=20' Horiz PNP - 9 OF 27 STA. 52+00 TO STA. 58+00	F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO. 591 13R-2;14R-1 & BR-(1);15R-1 KENDALL 429 70 FINAL SUBMITTAL CONTRACT NO. 66985 ILLINOIS FED. AID PROJECT
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DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	



PROP. CURVE US34_P11-3
 PI STA. = 62+83.12
 $\Delta = 4^\circ 23' 45''$ (RT)
 $D = 0^\circ 28' 33''$
 $R = 12,038.10'$
 $T = 462.01'$
 $L = 923.56'$
 $E = 8.86'$
 $\phi = NA$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA = 58+21.11$
 $P.T. STA = 67+44.67$



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-9150

FILE NAME = dunoebd	DESIGNED - MMS	REVISED - BDD 11/21/2011
PLOT SCALE = 20.0000' / in.	DRAWN - MMS	REVISED -
PLOT DATE = 11/22/2011	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

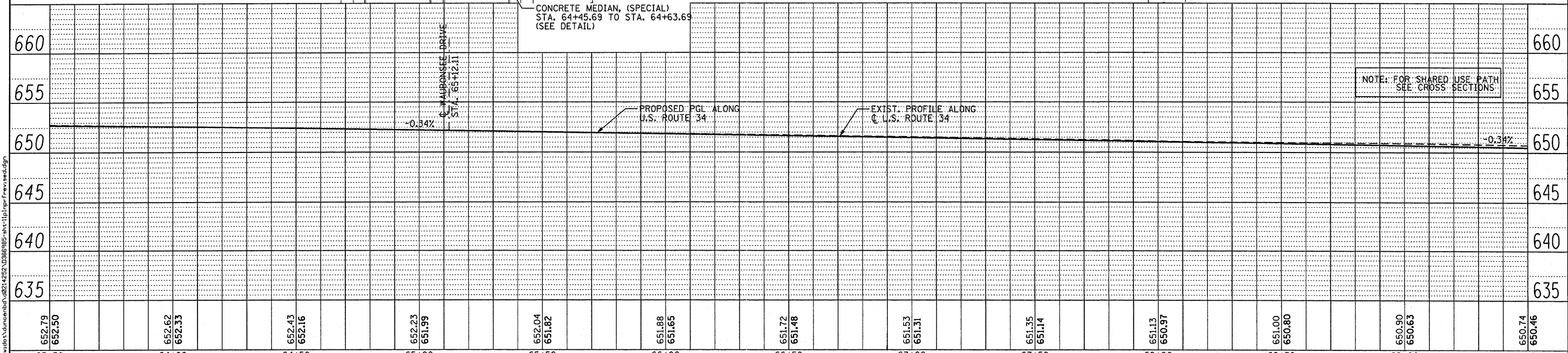
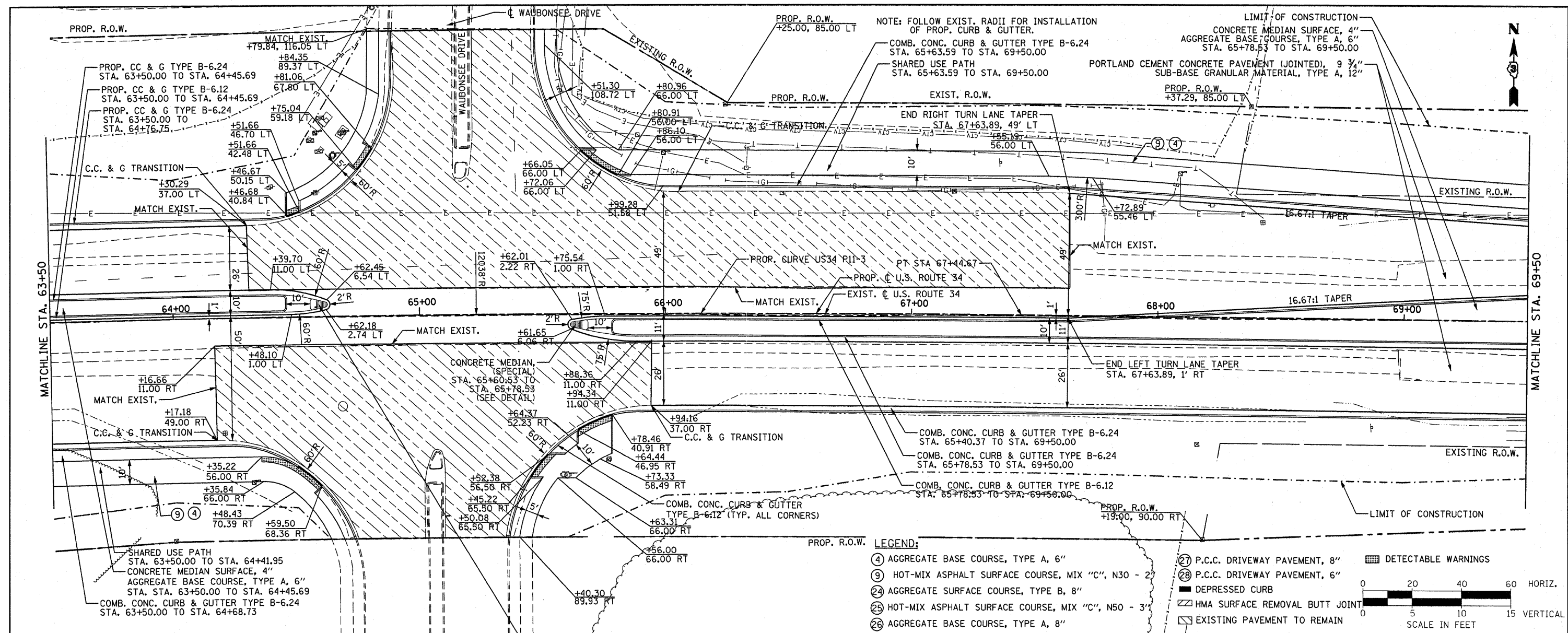
U.S. 34 PLAN & PROFILE

SCALE: 1" = 20' Horiz
 PNP - 10 OF 27
 STA. 58+00 TO STA. 63+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1);15R-1	KENDALL	429	71
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	REVIEWED
	ALIGNED
	CHECKED
	DATE
	FILE NAME
	NO.

DATE	
BY	
PROFILE	REVIEWED
	GRADES
	CHECKED
	DATE
	NOTATIONS
	CHRD
	NO.



63+50	64+00	64+50	65+00	65+50	66+00	66+50	67+00	67+50	68+00	68+50	69+00	69+50													
652.79	652.50	652.62	652.33	652.43	652.16	652.23	651.99	652.04	651.82	651.88	651.65	651.72	651.48	651.53	651.31	651.35	651.14	651.13	650.97	651.00	650.80	650.90	650.63	650.74	650.46

PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = duncanbd
 DESIGNED - MMS
 DRAWN - MMS
 CHECKED - KJB
 DATE - 08-18-2011

REVISED - BDD 09/27/2011
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

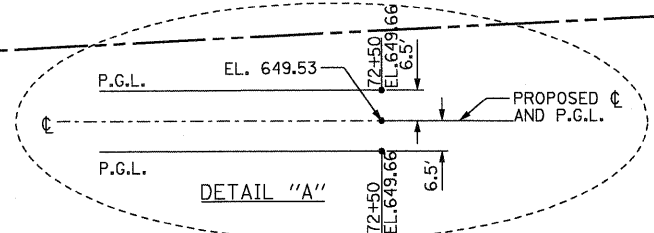
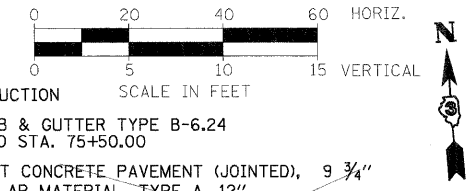
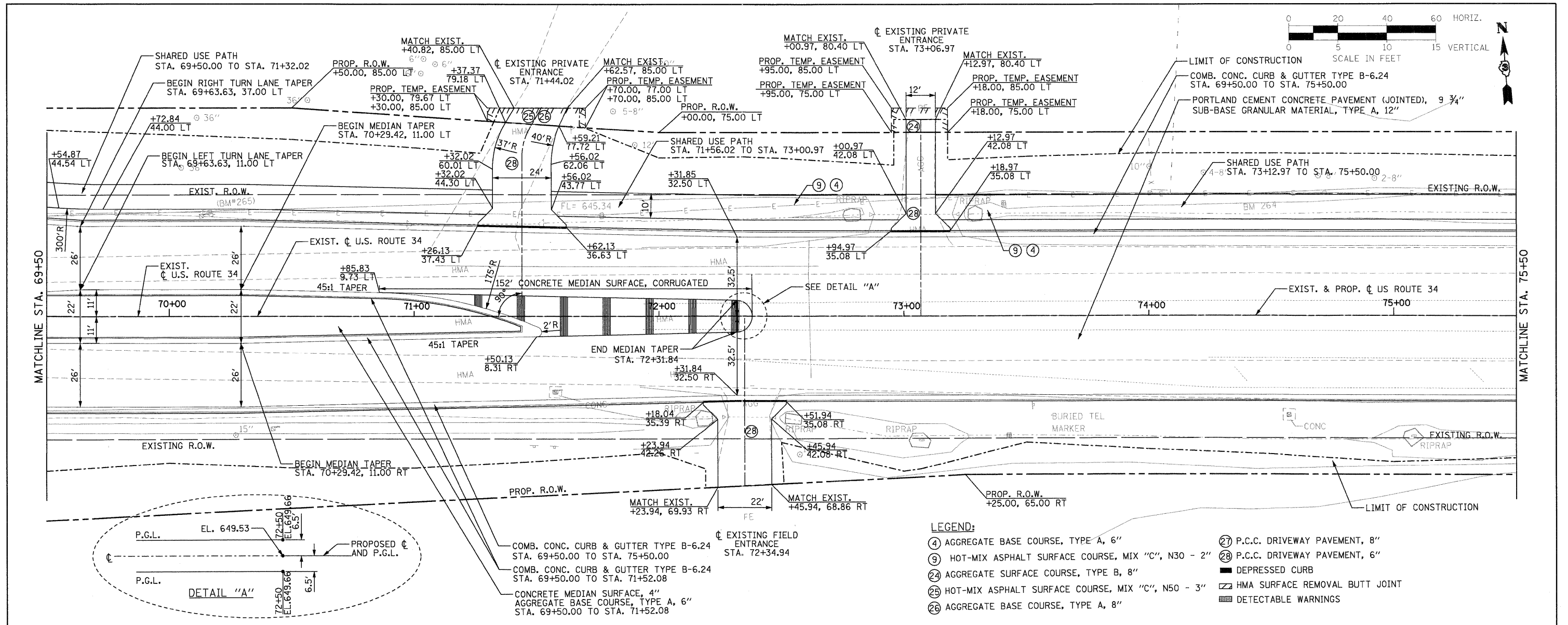
U.S. 34 PLAN & PROFILE
 SCALE: 1"=20' HORIZ
 PNP - 11 OF 27
 STA. 63+50 TO STA. 69+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	72
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

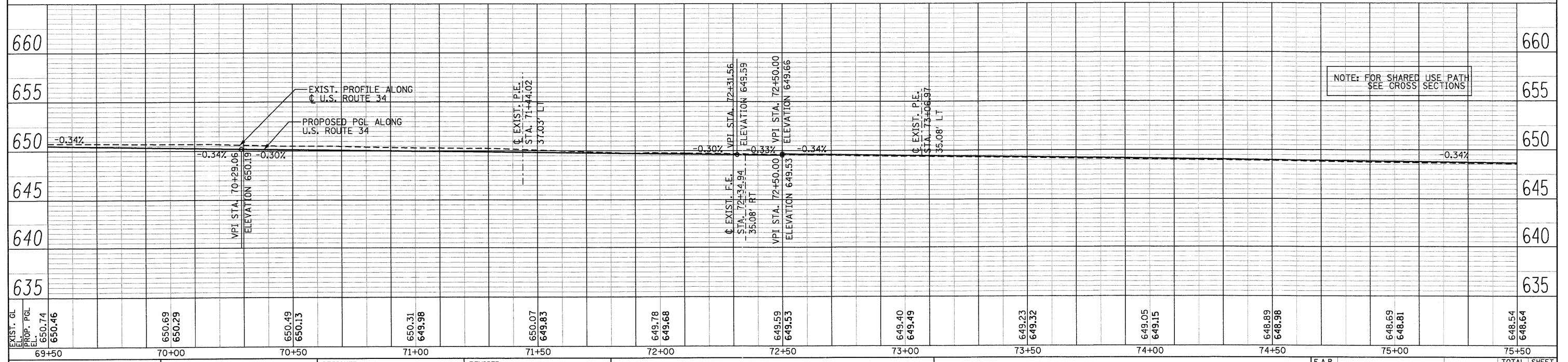
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PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	DATE	
	NO.	
	DATE	
	NO.	
	DATE	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
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	DATE	
	NO.	
	DATE	
	NO.	



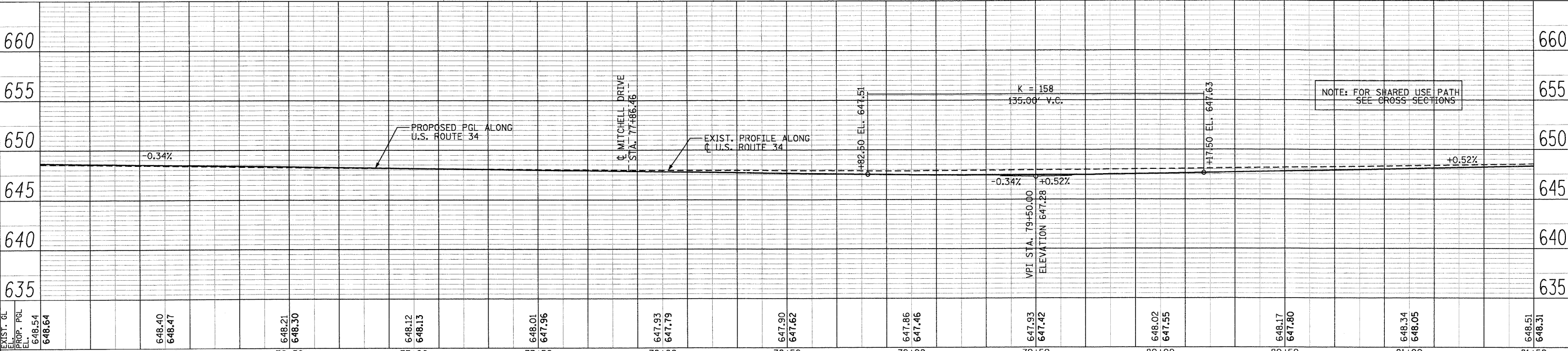
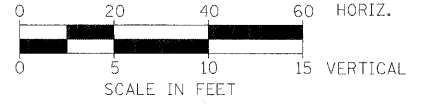
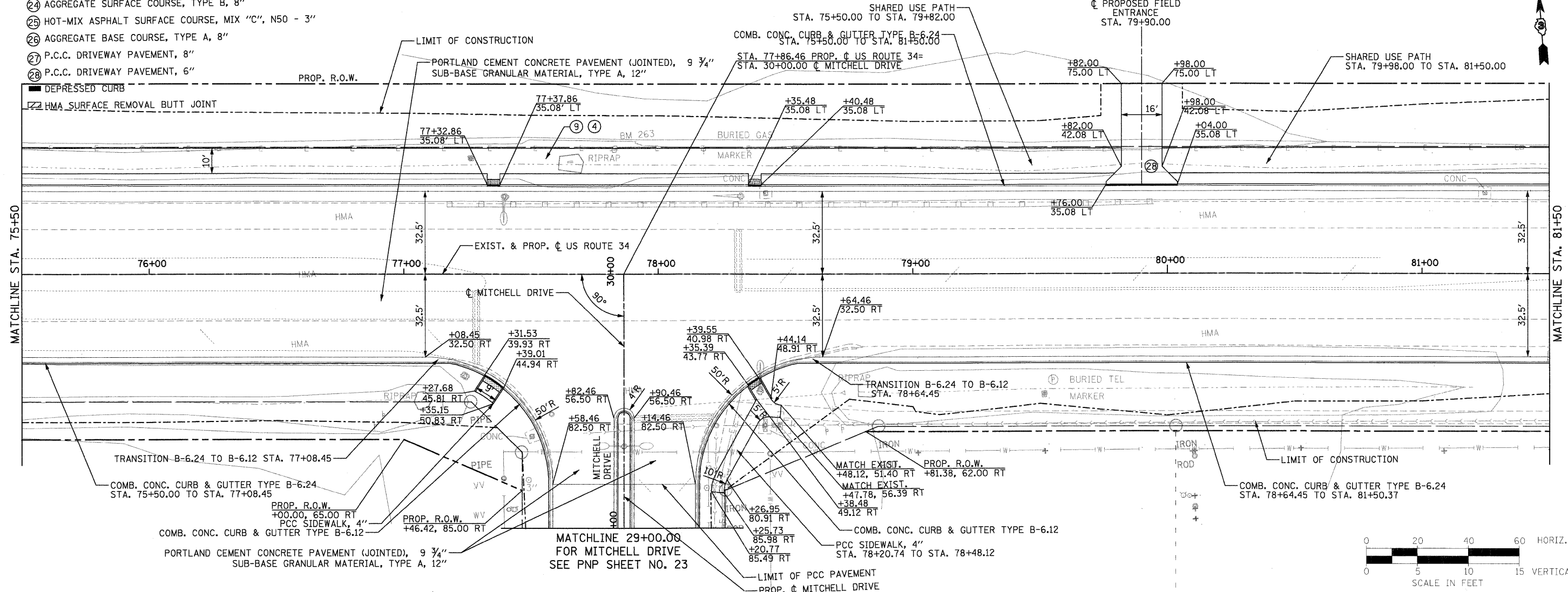
- LEGEND:**
- ④ AGGREGATE BASE COURSE, TYPE A, 6"
 - ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
 - ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
 - ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
 - ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
 - ②⑦ P.C.C. DRIVEWAY PAVEMENT, 8"
 - ②⑧ P.C.C. DRIVEWAY PAVEMENT, 6"
 - DEPRESSED CURB
 - ▨ HMA SURFACE REMOVAL BUTT JOINT
 - DETECTABLE WARNINGS



PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = D366985-ah-12plnpr.f.dgn PLOT SCALE = 28 PLOT DATE = 19-AUG-2011 08:15	DESIGNED - MMS DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		U.S. 34 PLAN & PROFILE		F.A.P. RTE. 591 SECTION 13R-2;14R-1 & BR-1(1);15R-1 COUNTY KENDALL TOTAL SHEETS 429 SHEET NO. 73
	SCALE: 1"=20' Horiz PNP - 12 OF 27 STA. 69+50 TO STA. 75+50				CONTRACT NO. 66985 [ILLINOIS] FED. AID PROJECT			

LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ⑫ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ⑮ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ⑰ AGGREGATE BASE COURSE, TYPE A, 8"
- ⑲ P.C.C. DRIVEWAY PAVEMENT, 8"
- ⑳ P.C.C. DRIVEWAY PAVEMENT, 6"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	NO. OF WAY CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHKD	

EXIST. GL EL.	648.40	648.47	648.21	648.30	648.12	648.13	648.01	647.96	647.93	647.79	647.90	647.62	647.86	647.46	647.93	647.42	648.02	647.55	648.17	647.80	648.34	648.05	648.51	648.31
PROP. POL EL.	648.54	648.64	648.21	648.30	648.12	648.13	648.01	647.96	647.93	647.79	647.90	647.62	647.86	647.46	647.93	647.42	648.02	647.55	648.17	647.80	648.34	648.05	648.51	648.31
	75+50	76+00	76+50	77+00	77+50	78+00	78+50	79+00	79+50	80+00	80+50	81+00	81+50											

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230 WEST MONROE STREET,
SUITE 900
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FILE NAME = D366785-sh1-13p1npr.f.dgn
DESIGNED - MMS
DRAWN - MMS
CHECKED - KJB
DATE - 08-18-2011

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horz PNP - 13 OF 27 STA. 75+50 TO STA. 81+50

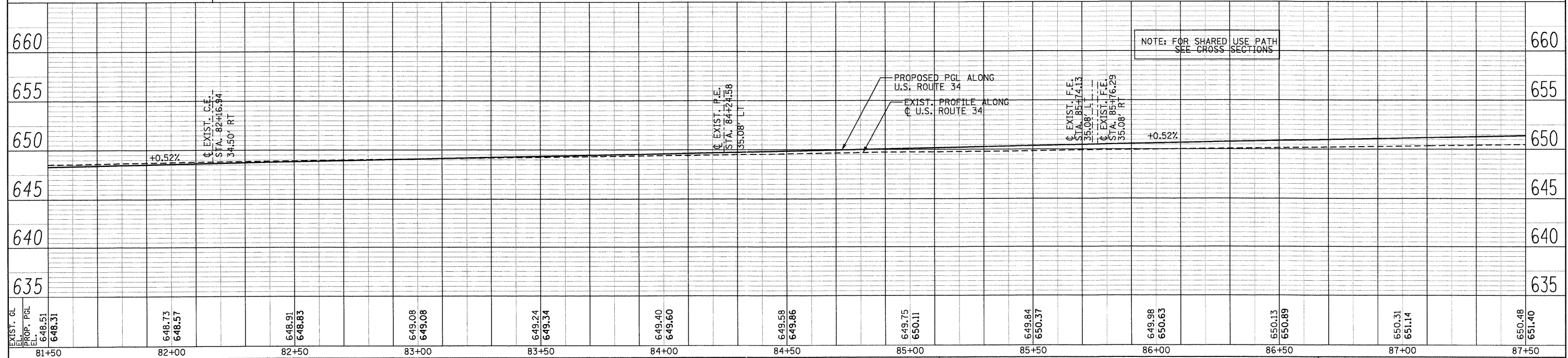
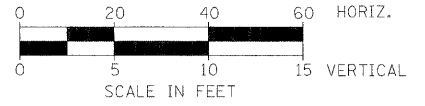
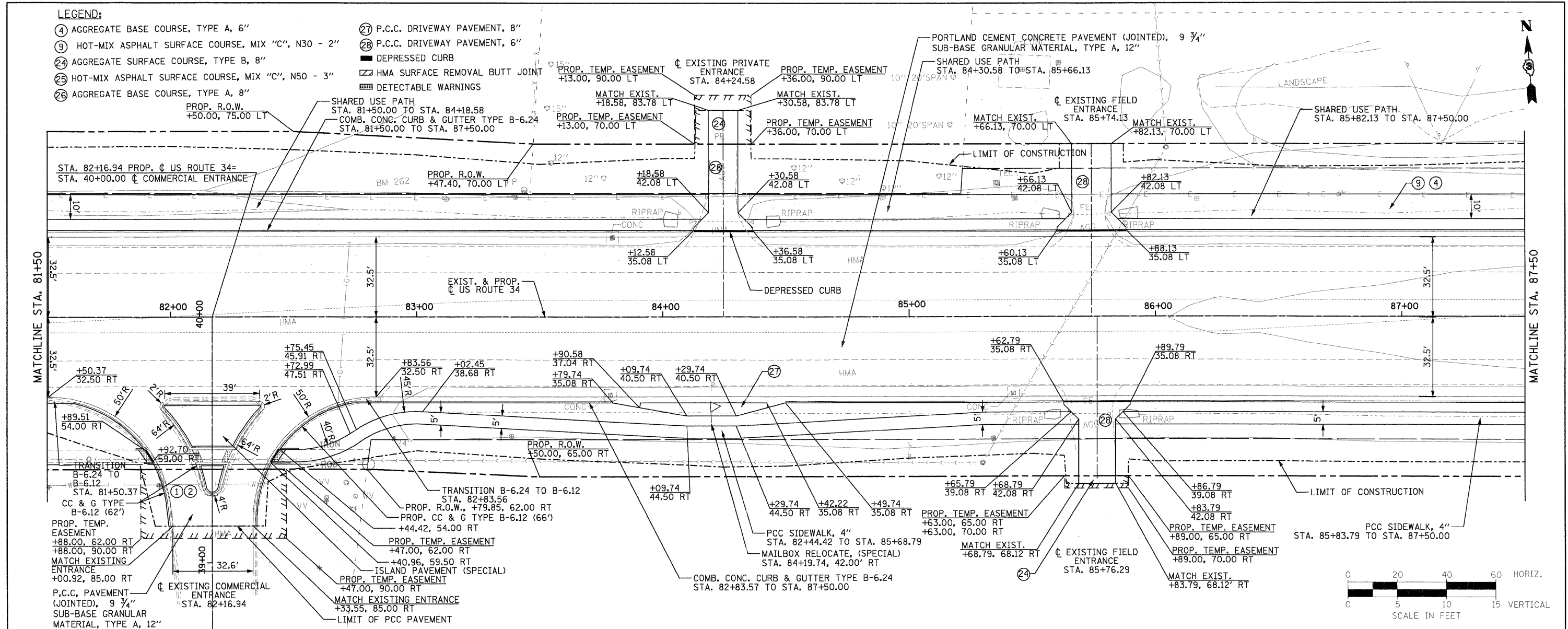
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	74
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
- ②⑦ P.C.C. DRIVEWAY PAVEMENT, 8"
- ②⑧ P.C.C. DRIVEWAY PAVEMENT, 6"
- DEPRESSED CURB
- HMA SURFACE REMOVAL BUTT JOINT
- DETECTABLE WARNINGS

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTED	
REVISIONS	
NO.	
DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTED	
REVISIONS	
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DATE	
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DATE	
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PROFILE	
SURVEYED	
PLOTTED	
NOTED	
REVISIONS	
NO.	
DATE	
BY	



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 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = D366985-sht-14planprf.dgn	DESIGNED - MMS	REVISED -
PLOT SCALE = 20'	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 08:15	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

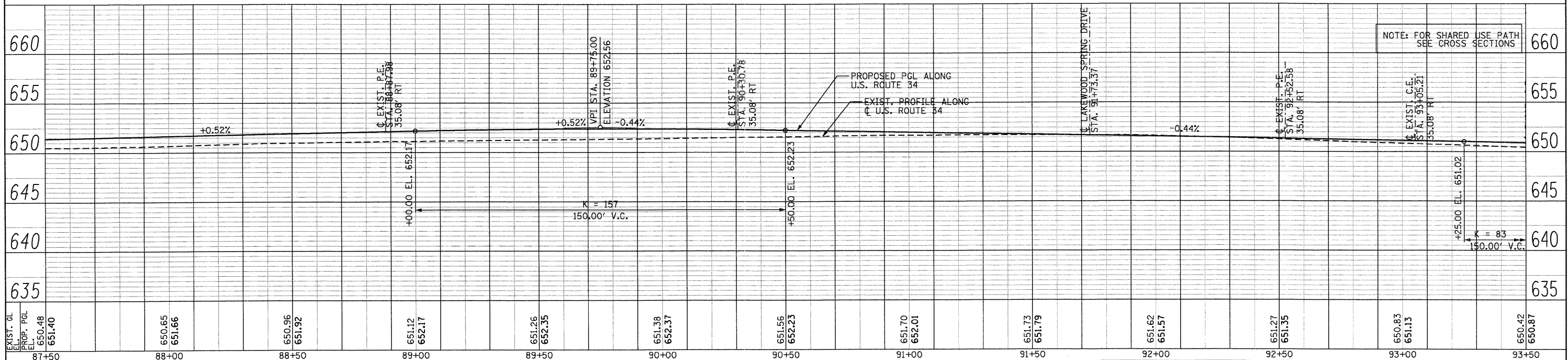
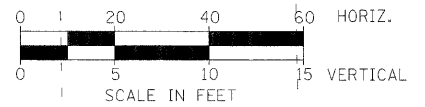
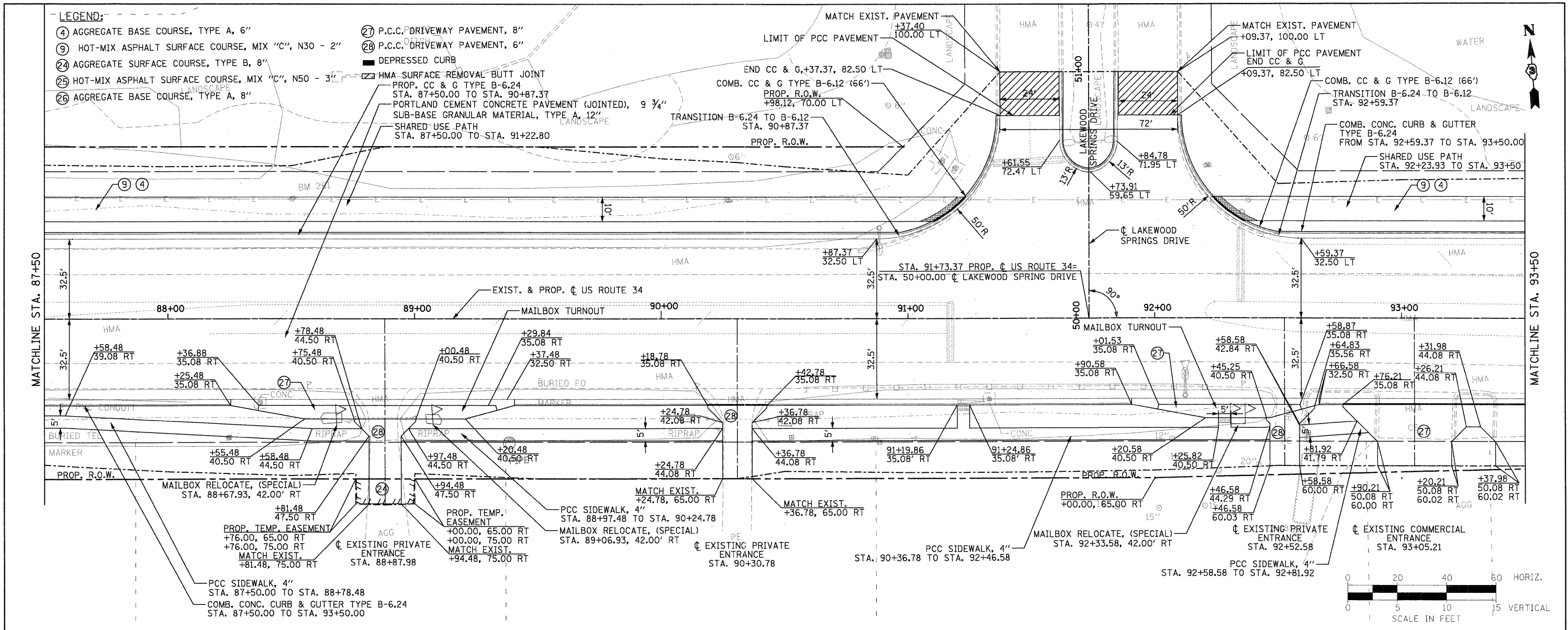
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE
 SCALE: 1"=20' Horiz PNP - 14 OF 27 STA. 81+50 TO STA. 87+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
591	13R-214R-1 & BR-1015R-1	KENDALL	429 75
FINAL SUBMITTAL			CONTRACT NO. 66985
ILLINOIS FED. AID PROJECT			

PLAN	SURVEYED	DATE
NOTED	PLOTTED	
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	NOTATIONS
		CHKD

PROFILE	SURVEYED	DATE
NOTED	PLOTTED	
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE	NOTATIONS
		CHKD



NOTE: FOR SHARED USE PATH SEE CROSS SECTIONS

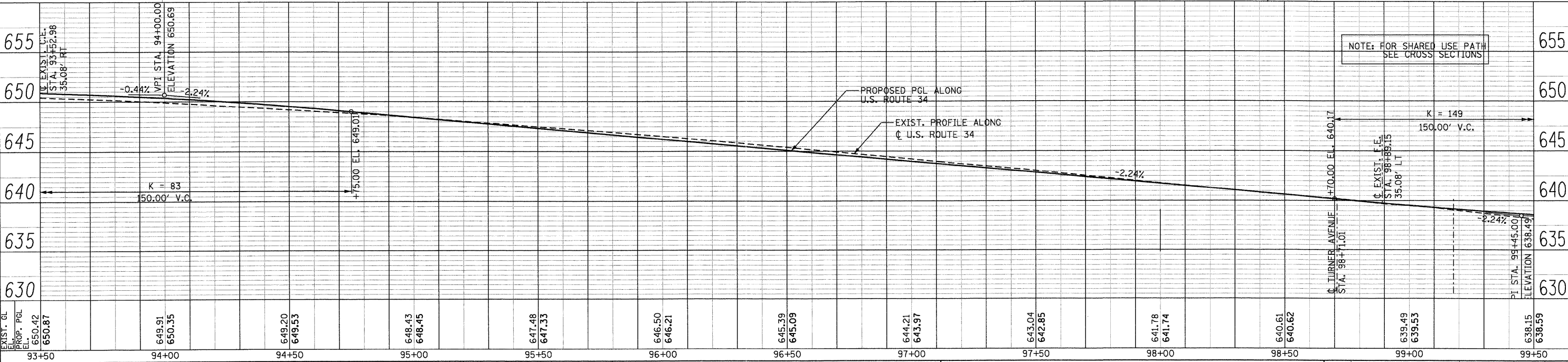
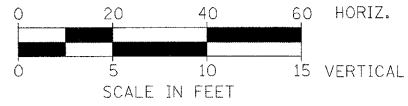
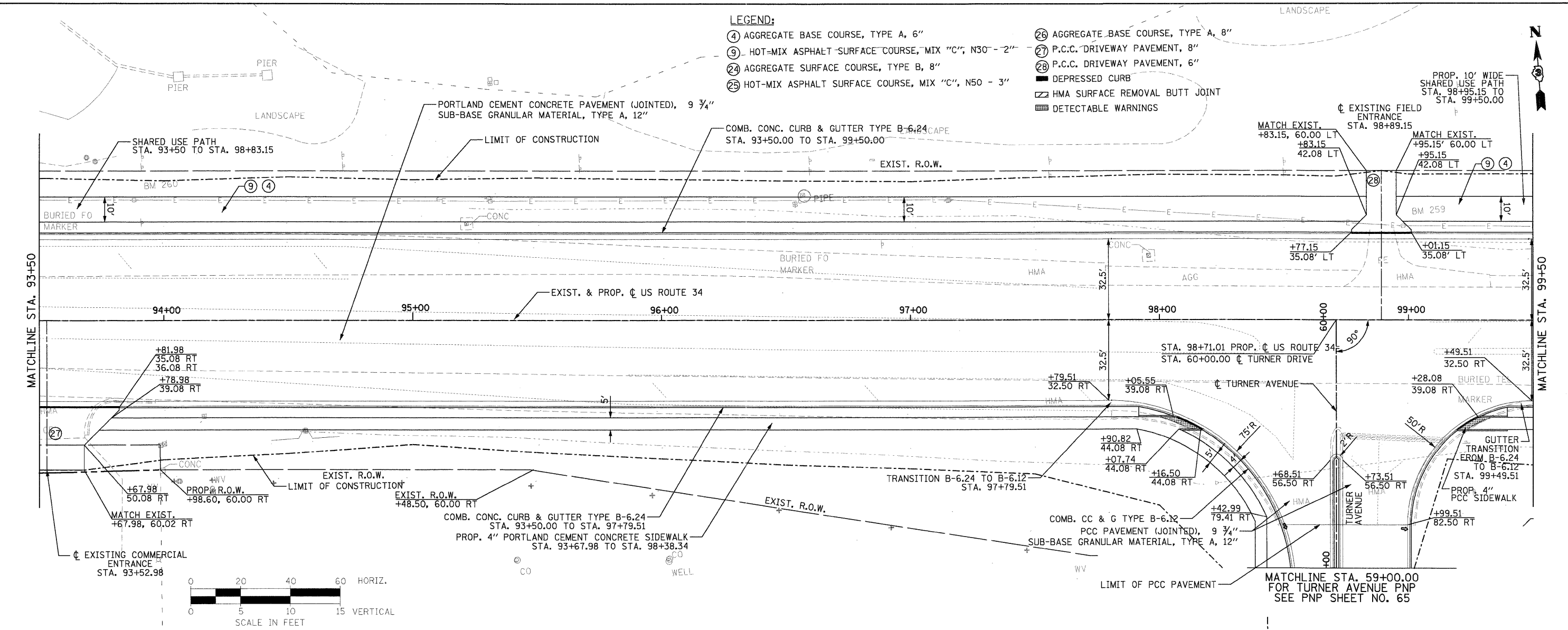
PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = D366785-sh1-15plan-f.dgn PLOT SCALE = 20 PLOT DATE = 19-AUG-2011 08:15	DESIGNED - MMS DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		U.S. 34 PLAN & PROFILE		F.A.P. RTE. 591 13R-2;14R-1 & BR-1(1);15R-1	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 76
					SCALE: 1"=20' Horiz PNP - 15 OF 27 STA. 87+50 TO STA. 93+50		CONTRACT NO. 66985 [ILLINOIS] FED. AID PROJECT					

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK NO.	
CADD FILE NAME	

LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
- ②⑦ P.C.C. DRIVEWAY PAVEMENT, 8"
- ②⑧ P.C.C. DRIVEWAY PAVEMENT, 6"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- DETECTABLE WARNINGS



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = D366*985-sht-16.plnpr.f.dgn
 PLOT SCALE = 20
 PLOT DATE = 19-AUG-2011 08:15

DESIGNED - MMS
 DRAWN - MMS
 CHECKED - KJB
 DATE - 08-18-2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

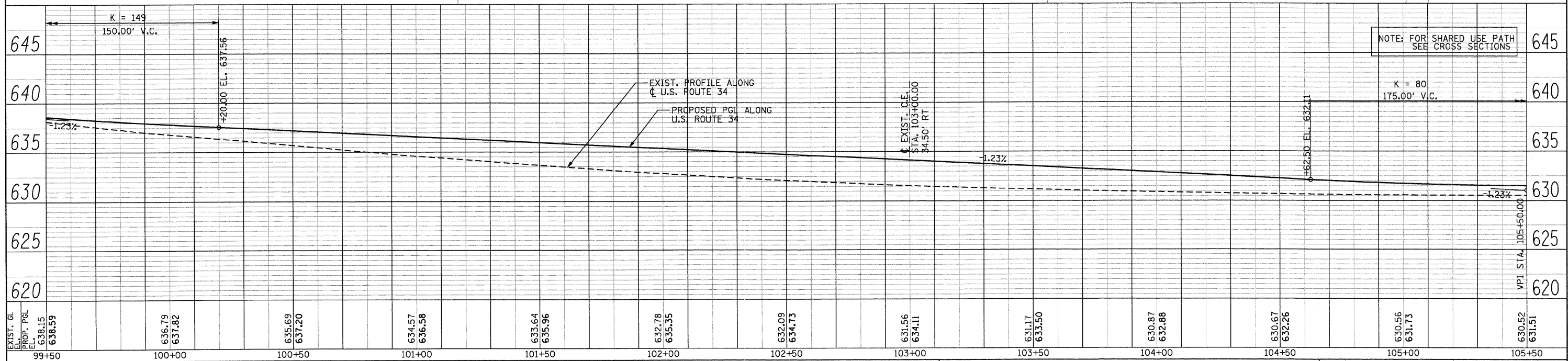
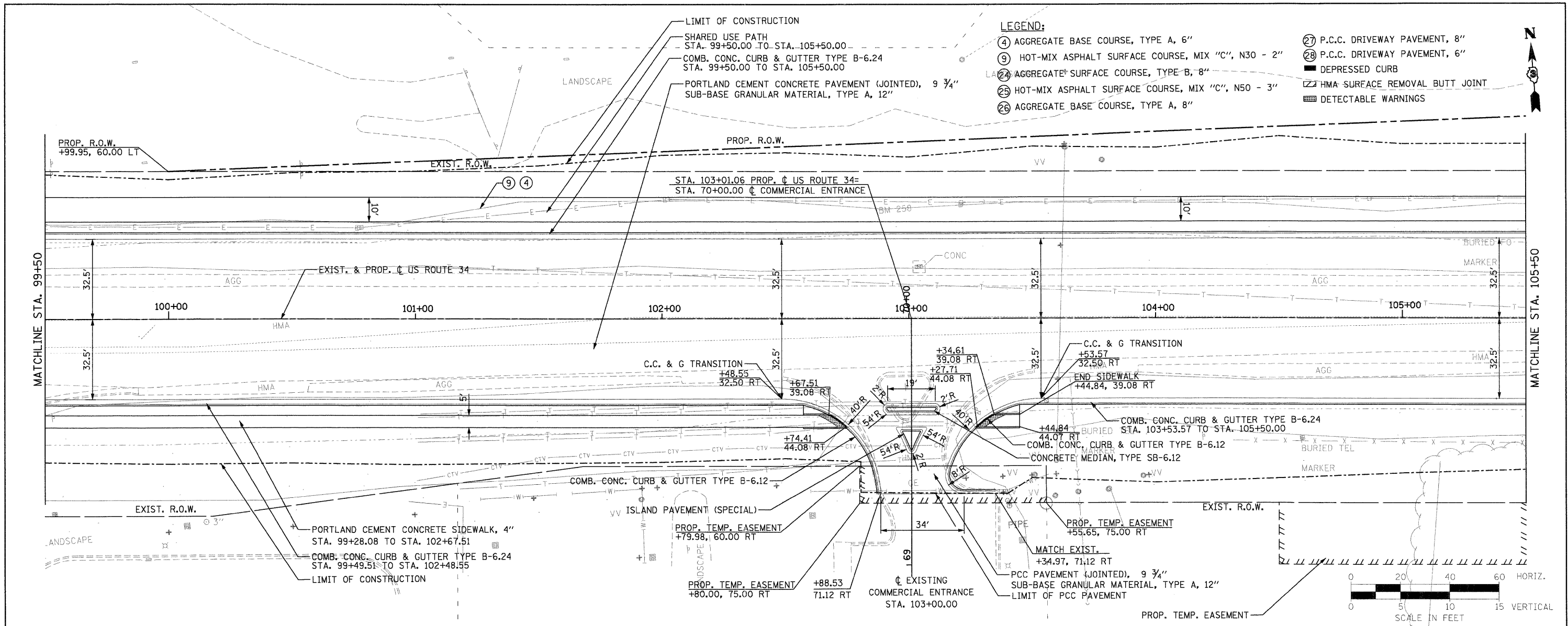
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE
 SCALE: 1"=20' Horiz
 PNP - 16 OF 27
 STA. 93+50 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2114R-1 & BR-1015R-1	KENDALL	429	77
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTES CHECKED	
	BY	
	NO.	

PROFILE	REVIEWED	DATE
	PLOTTED	
	GRADES CHECKED	
	BY	
	NO.	



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312) 782-8150

FILE NAME = D366985-sh1-17p1npr.f.dgn	DESIGNED - MMS	REVISED -
PLOT SCALE = 20	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 09:15	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Horz | PNP - 17 OF 27 | STA. 99+50 TO STA. 105+50

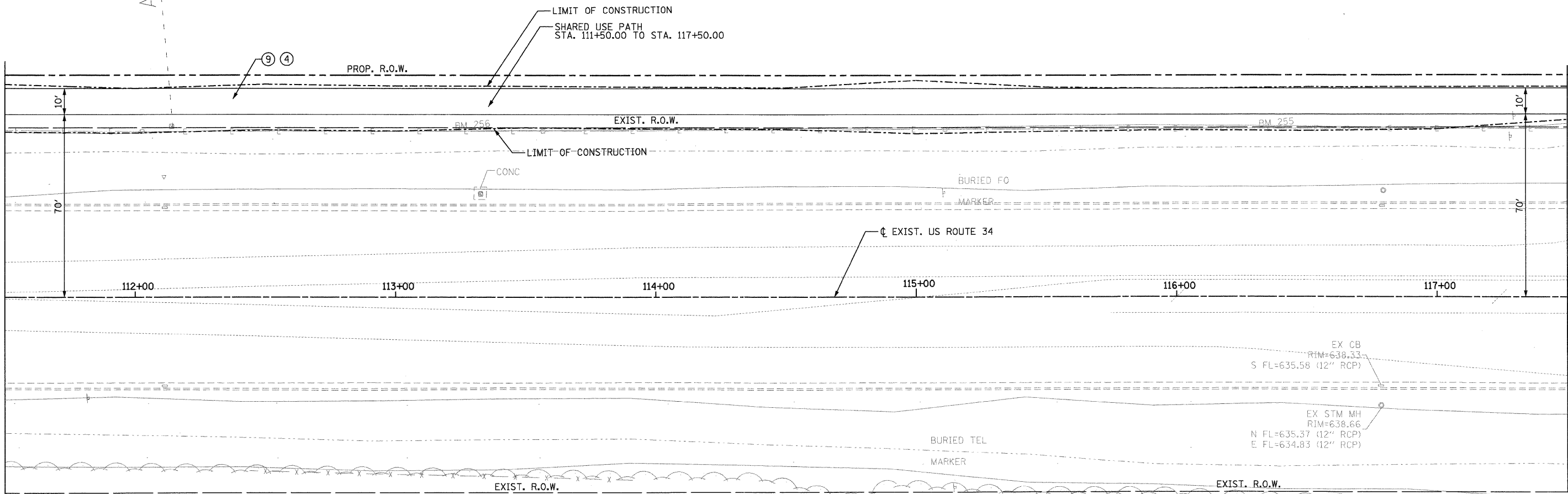
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-10115R-1	KENDALL	429	78
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	BY	
	NO. OF SHEETS	
	NO. OF THIS SHEET	
	DATE	
	BY	
	NO. OF SHEETS	
	NO. OF THIS SHEET	
	DATE	
	BY	

PROFILE	SURVEYED	DATE
	BY	
	NO. OF SHEETS	
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	BY	
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	DATE	
	BY	

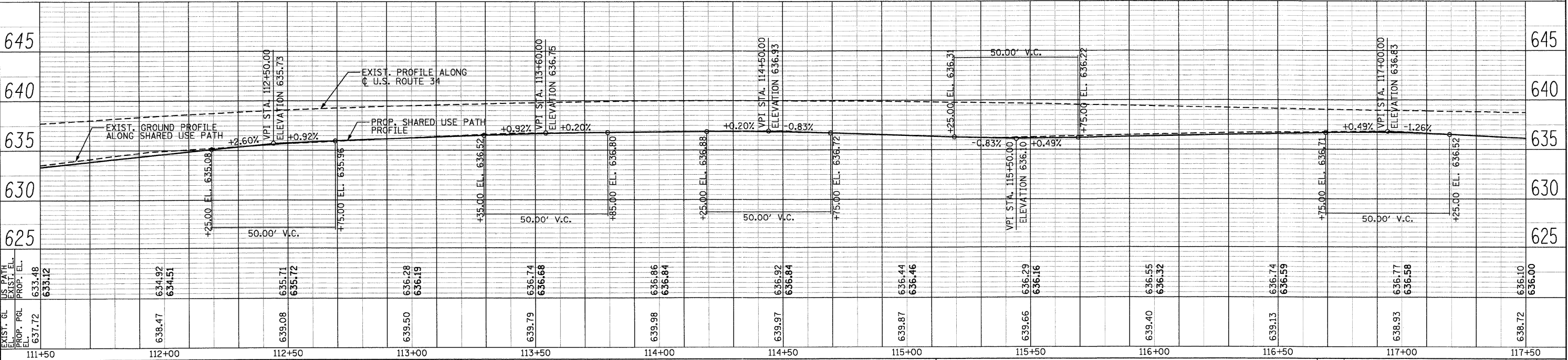
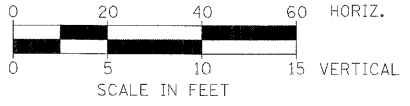
MATCHLINE STA. 111+50

MATCHLINE STA. 117+50



LEGEND:

- ④ AGGREGATE BASE COURSE, TYPE A, 6"
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
- ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
- ②⑦ P.C.C. DRIVEWAY PAVEMENT, 8"
- ②⑧ P.C.C. DRIVEWAY PAVEMENT, 6"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT
- DETECTABLE WARNINGS



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = D366788-sht-19.plnprt.dgn
 DESIGNED - MMS
 DRAWN - MMS
 CHECKED - KJB
 DATE - 08-18-2011

REVISIONS
 REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

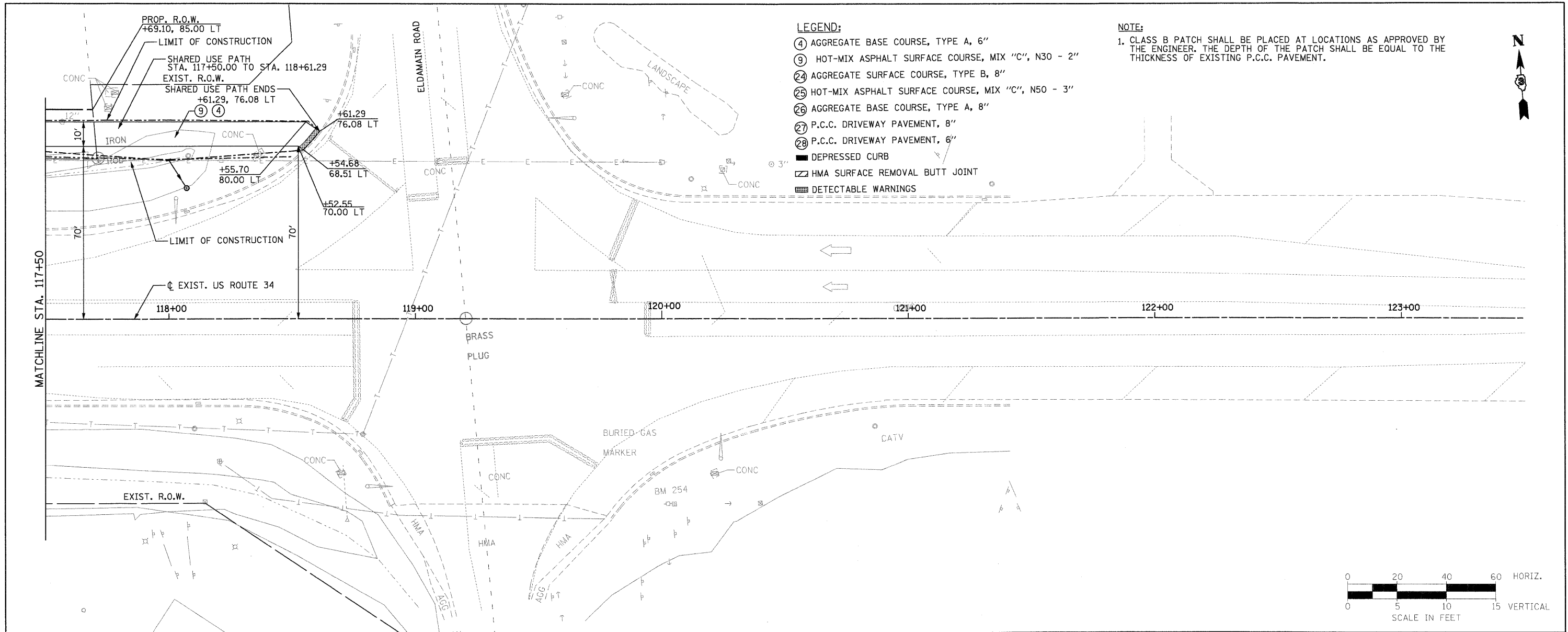
U.S. 34 PLAN & PROFILE

SCALE: 1"=20' Hor'lz PNP - 19 OF 27 STA. 111+50 TO STA. 117+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	80
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

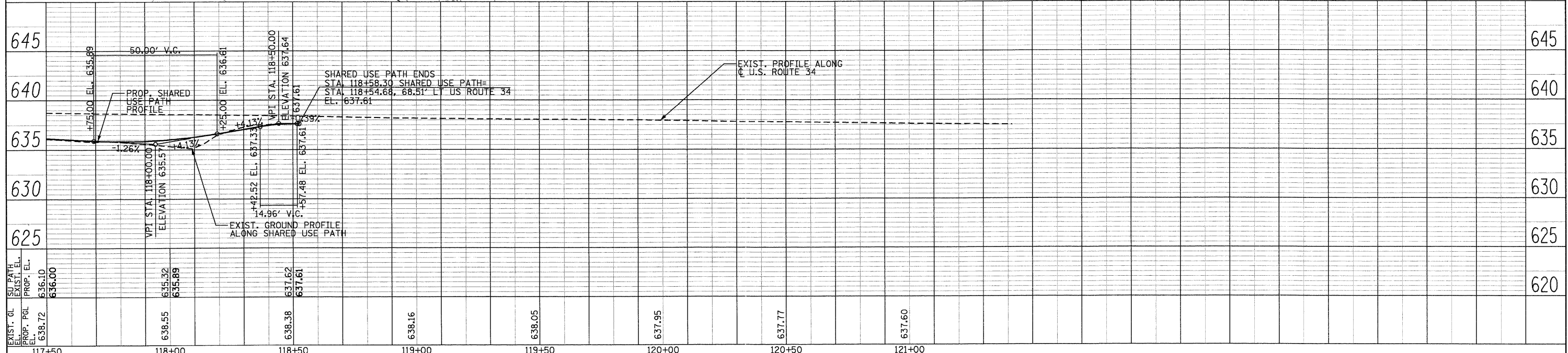
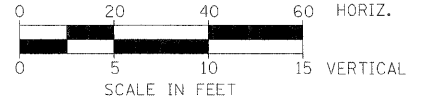
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	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	BY	
	NO.	



- LEGEND:**
- ④ AGGREGATE BASE COURSE, TYPE A, 6"
 - ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N30 - 2"
 - ⑳ AGGREGATE SURFACE COURSE, TYPE B, 8"
 - ㉑ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
 - ㉒ AGGREGATE BASE COURSE, TYPE A, 8"
 - ㉓ P.C.C. DRIVEWAY PAVEMENT, 8"
 - ㉔ P.C.C. DRIVEWAY PAVEMENT, 6"
 - DEPRESSED CURB
 - ▨ HMA SURFACE REMOVAL BUTT JOINT
 - ▩ DETECTABLE WARNINGS

NOTE:
 1. CLASS B PATCH SHALL BE PLACED AT LOCATIONS AS APPROVED BY THE ENGINEER. THE DEPTH OF THE PATCH SHALL BE EQUAL TO THE THICKNESS OF EXISTING P.C.C. PAVEMENT.



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = 0366989-sh1-20p1npr1.dgn	DESIGNED - MMS	REVISED -
PLLOT SCALE = 20'	DRAWN - MMS	REVISED -
PLLOT DATE = 19-AUG-2011 08:15	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

U.S. 34 PLAN & PROFILE
 SCALE: 1"=20' Horiz
 PNP - 20 OF 27
 STA. 117+50 TO STA. END

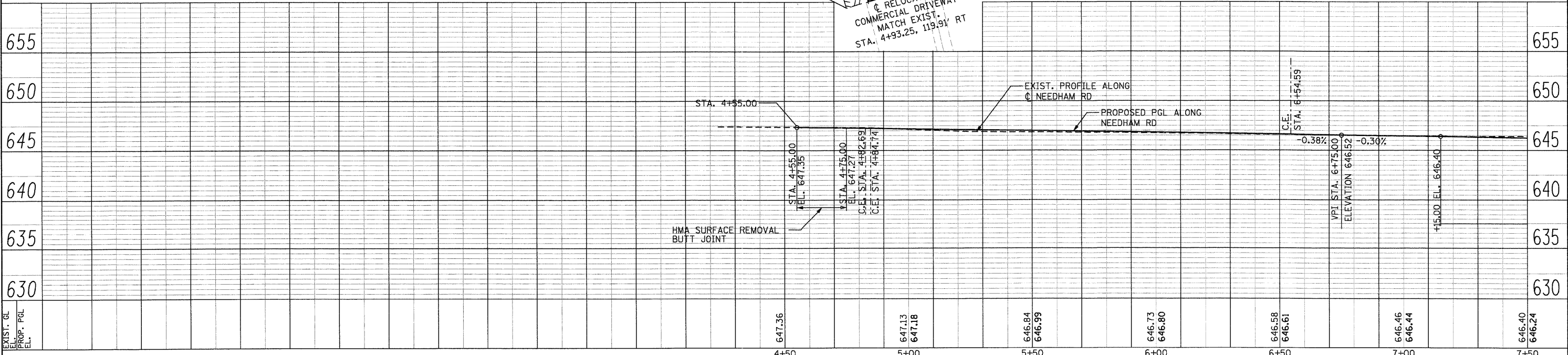
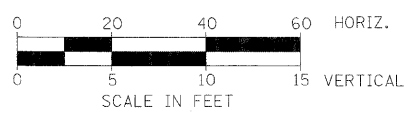
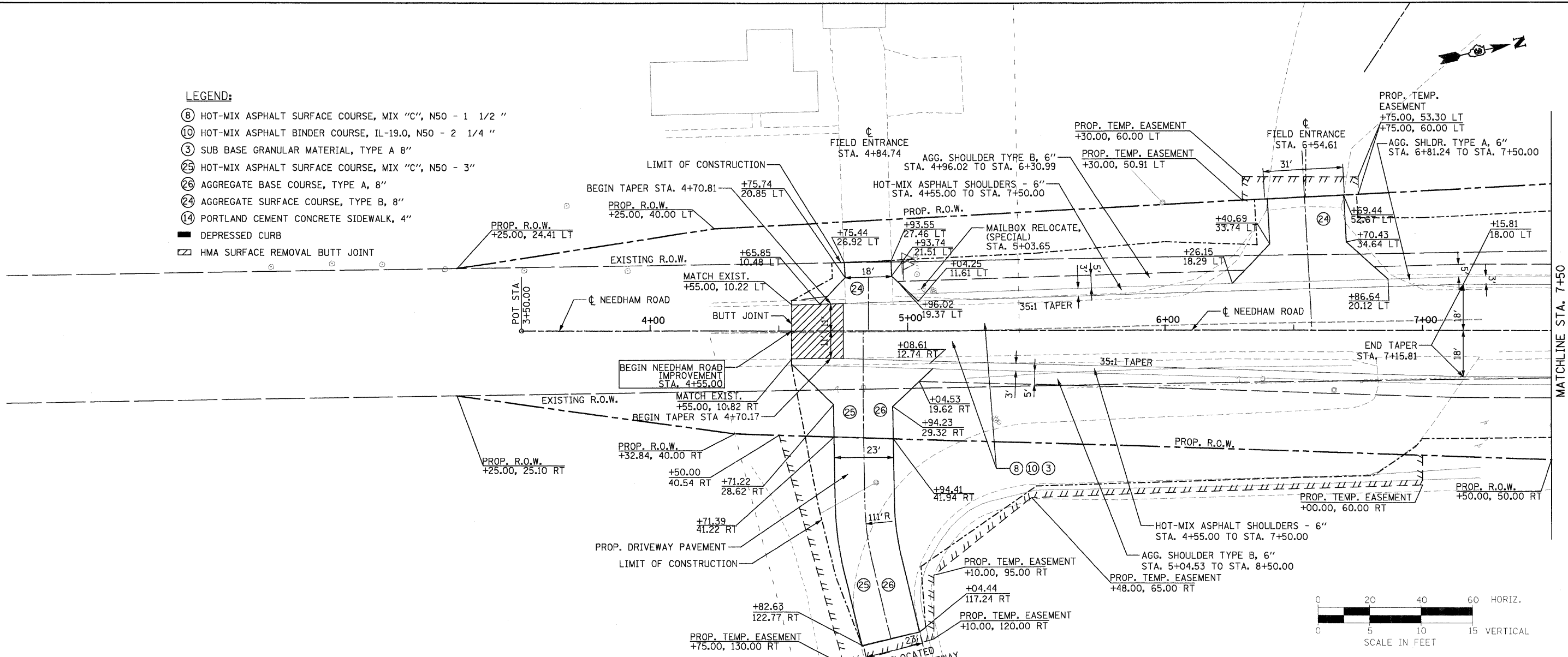
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(0);15R-1	KENDALL	429	81
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

LEGEND:

- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2 "
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/4 "
- ③ SUB BASE GRANULAR MATERIAL, TYPE A 8"
- ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"
- ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT

DATE	
BY	
REVISIONS	
NO.	
PLAN	
NO.	
NO.	
NO.	
NO.	
NO.	

DATE	
BY	
REVISIONS	
NO.	
PROFILE	
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NO.	
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PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = D366986-shr-21p1nrf.dgn
 DESIGNED - MMS
 DRAWN - MMS
 CHECKED - KJB
 DATE - 08-18-2011

REVISED -
 REVISED -
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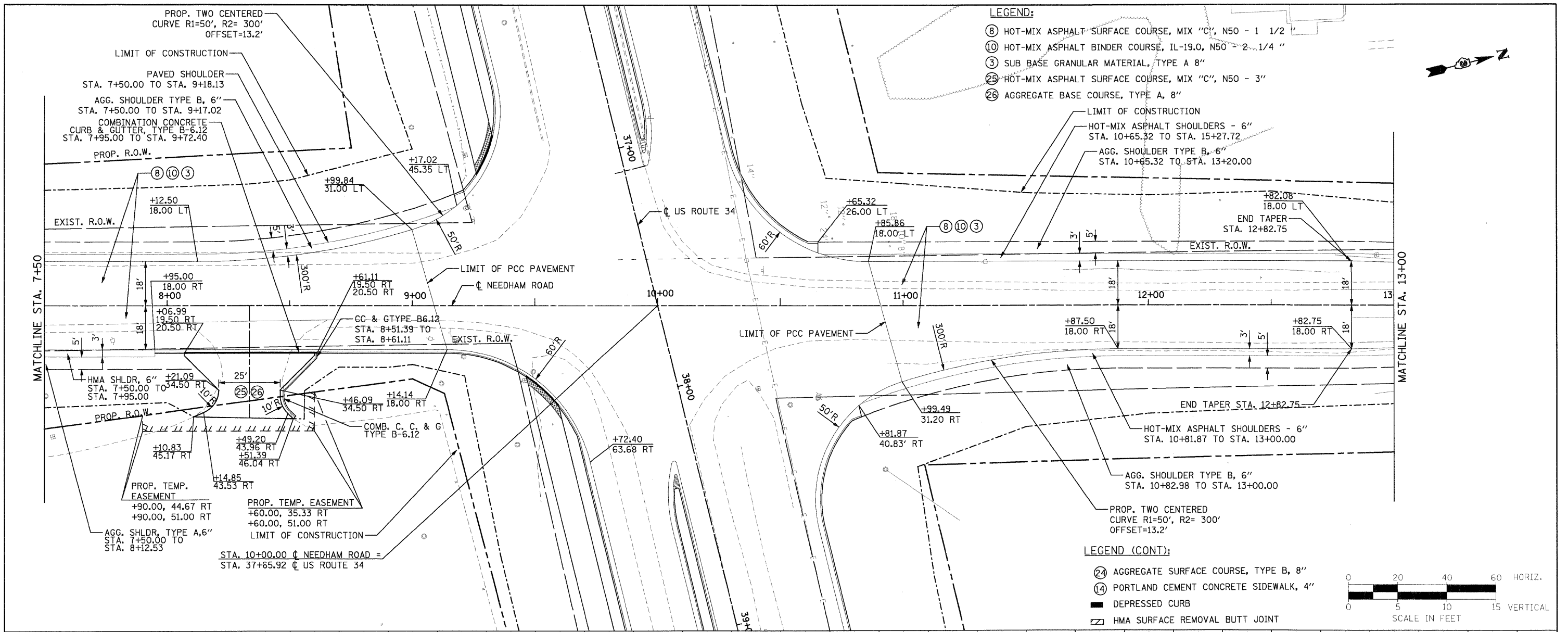
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS ROAD PLAN & PROFILE
 NEEDHAM ROAD**
 SCALE: 1"=20' Horiz
 PNP - 21 OF 27
 STA. BEGIN TO STA. 7+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	82
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

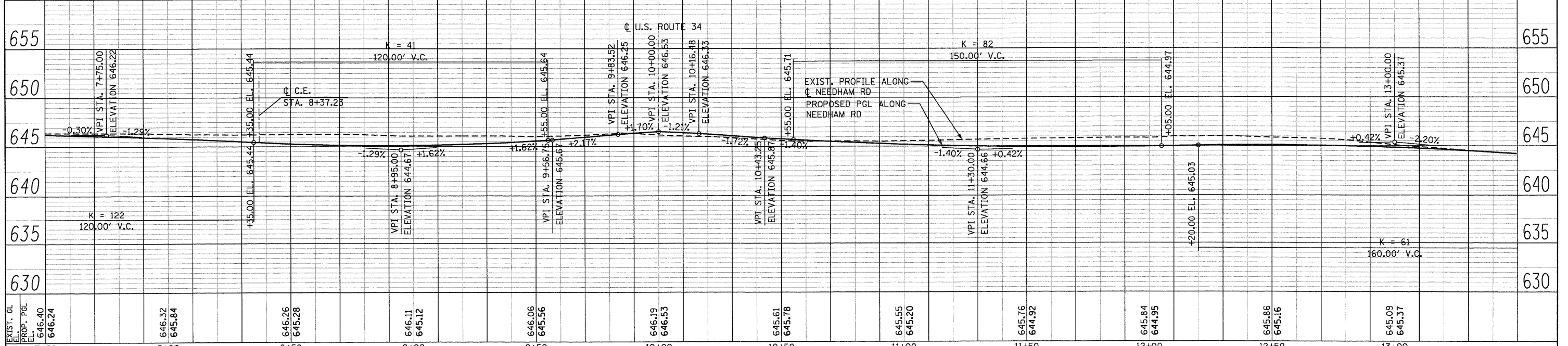
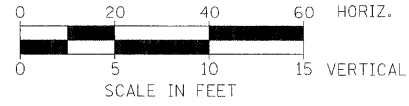
PLAN	SURVEYED	DATE
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	BY	
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PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	DATE	



- LEGEND:**
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2 "
 - ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/4 "
 - ③ SUB BASE GRANULAR MATERIAL, TYPE A 8"
 - ②⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
 - ②⑥ AGGREGATE BASE COURSE, TYPE A, 8"

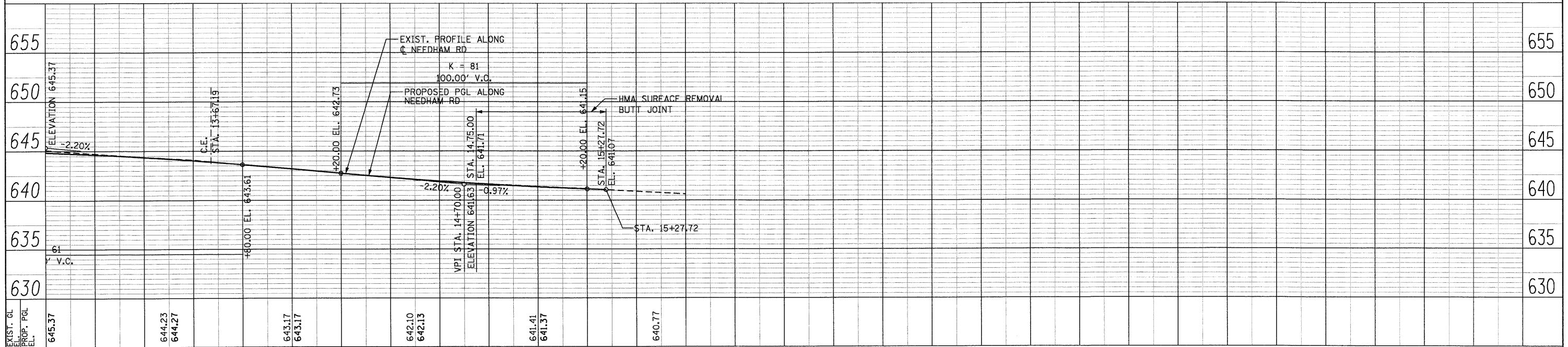
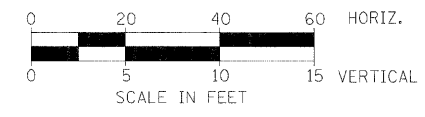
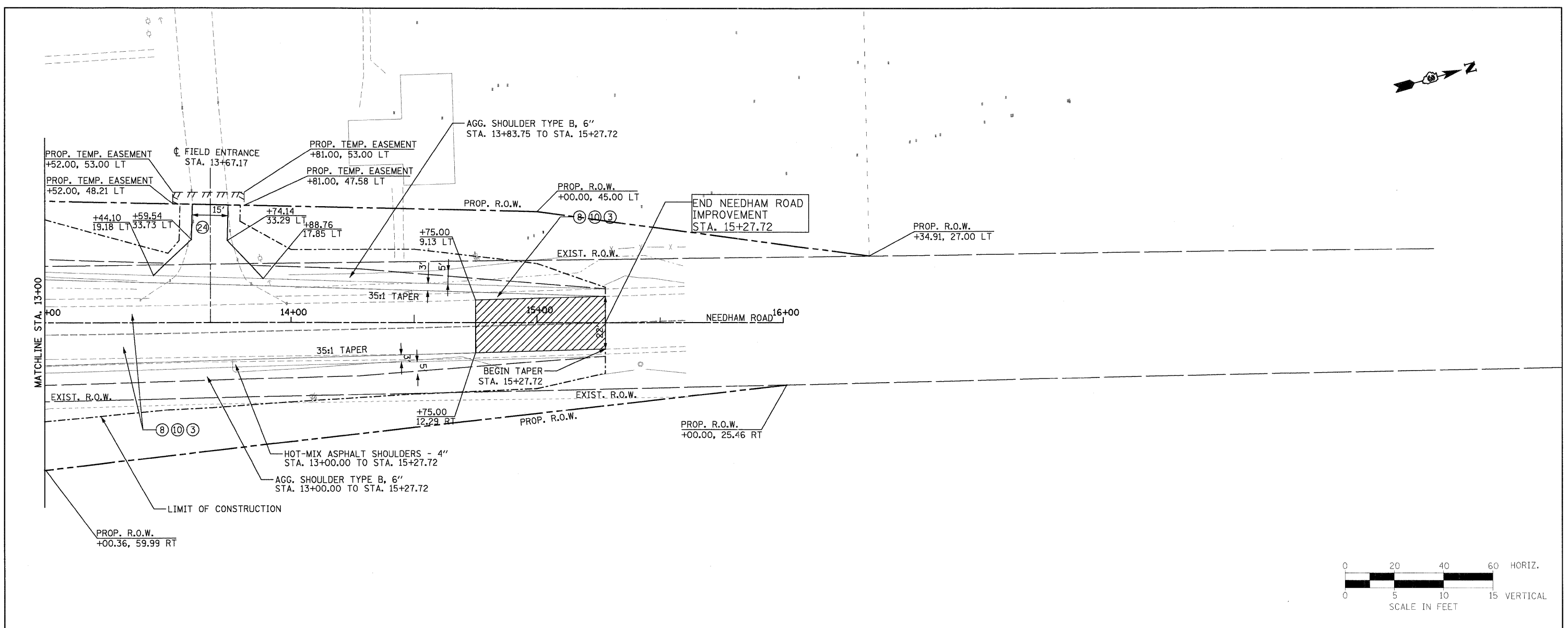
- LEGEND (CONT):**
- ②④ AGGREGATE SURFACE COURSE, TYPE B, 8"
 - ④④ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - DEPRESSED CURB
 - ▨ HMA SURFACE REMOVAL BUTT JOINT



 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = D366985-ah-22p1nprf.dgn DESIGNED - MMS DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS ROAD PLAN & PROFILE NEEDHAM ROAD		F.A.P. RTE. 591 SECTION 13R-214R-1 & BR-1(1)15R-1 COUNTY KENDALL TOTAL SHEETS 429 SHEET NO. 83
	PLOT SCALE = 20 PLOT DATE = 19-AUG-2011 08:15	SCALE: 1"=20' Horiz PNP - 22 OF 27 STA. 7+50 TO STA. 13+50		FINAL SUBMITTAL ILLINOIS FED. AID PROJECT		CONTRACT NO. 66985	

PLAN
 SURVEYED BY: _____
 ALIGNED BY: _____
 RT. OF WAY CHECKED BY: _____
 NO. _____
 DATE: _____

PROFILE
 SURVEYED BY: _____
 GRADES CHECKED BY: _____
 B.M. NOTED BY: _____
 NO. _____
 DATE: _____



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 SUITE 900
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 (312)782-8150

FILE NAME = D366985-shr-23p1npr.dgn	DESIGNED - MMS	REVISED -
DESIGNED - MMS	DRAWN - MMS	REVISED -
CHECKED - KJB	DATE - 08-18-2011	REVISED -
PLOT SCALE = 20		
PLOT DATE = 19-AUG-2011 08:15		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS ROAD PLAN & PROFILE
 NEEDHAM ROAD**

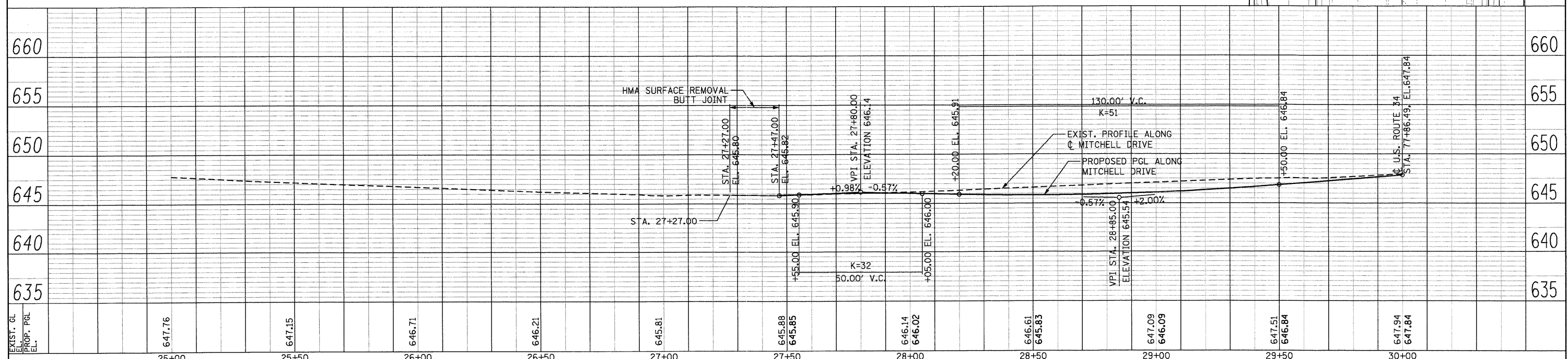
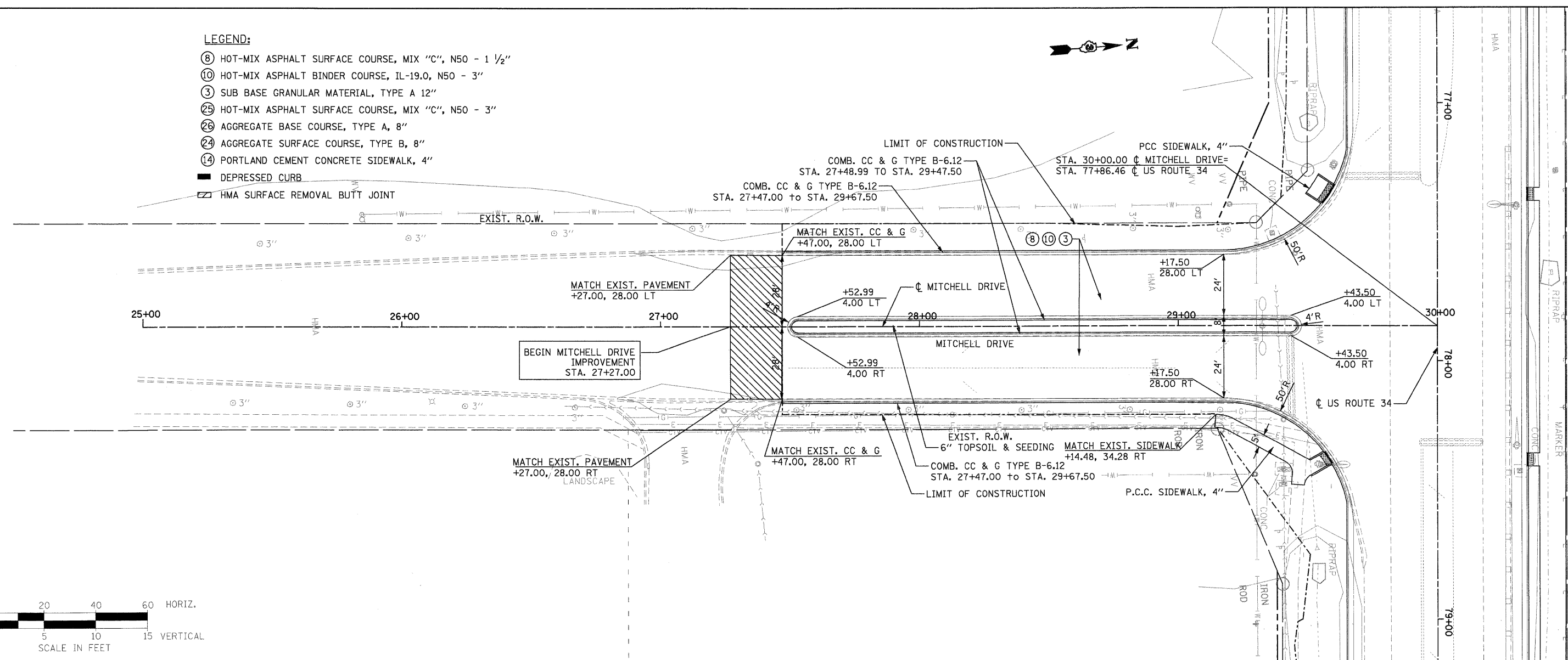
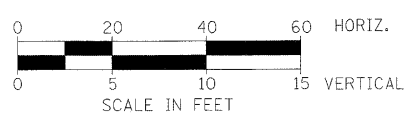
SCALE: 1"=20' Horiz | PNP - 23 OF 27 | STA. 13+00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	84
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

- LEGEND:**
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2"
 - ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 3"
 - ③ SUB BASE GRANULAR MATERIAL, TYPE A 12"
 - ②5 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
 - ②6 AGGREGATE BASE COURSE, TYPE A, 8"
 - ②4 AGGREGATE SURFACE COURSE, TYPE B, 8"
 - ⑭ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - DEPRESSED CURB
 - ▨ HMA SURFACE REMOVAL BUTT JOINT

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADED	
	CHECKED	
	REVISIONS	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADED	
	CHECKED	
	REVISIONS	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



EXIST. GL EL.	647.76	647.15	646.71	646.21	645.81	645.88 645.85	646.14 646.02	646.61 645.83	647.09 646.09	647.51 646.84	647.94 647.84		
PROF. PGL EL.													
STA.	25+00	25+50	26+00	26+50	27+00	27+50	28+00	28+50	29+00	29+50	30+00		

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FILE NAME = D366985-shr-24pInp.dgn
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CHECKED - KJB
DATE - 08-18-2011
PLOT SCALE = 20'
PLOT DATE = 19-AUG-2011 08:15

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS ROAD PLAN & PROFILE
MITCHELL DRIVE**
SCALE: 1"=20' Horiz
PNP - 24 OF 27
STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(0)15R-1	KENDALL	429	85
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
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	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

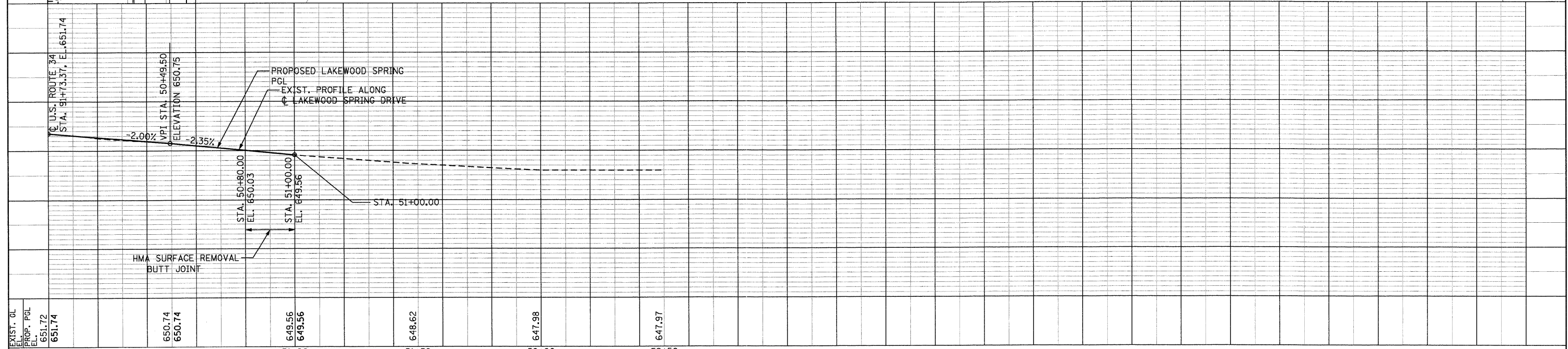
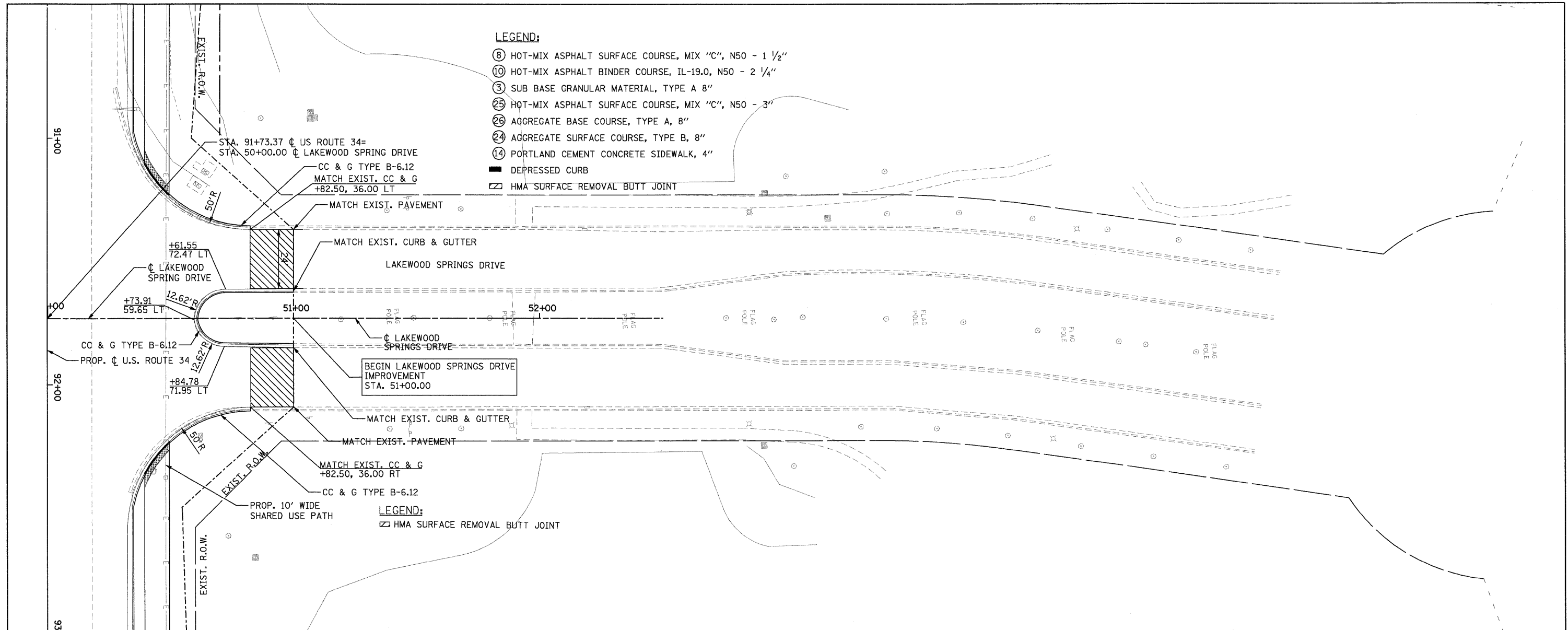
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

LEGEND:

- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/4"
- ③ SUB BASE GRANULAR MATERIAL, TYPE A 8"
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ⑫ AGGREGATE BASE COURSE, TYPE A, 8"
- ⑭ AGGREGATE SURFACE COURSE, TYPE B, 8"
- ⑮ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- DEPRESSED CURB
- ▨ HMA SURFACE REMOVAL BUTT JOINT

LEGEND:

- ▨ HMA SURFACE REMOVAL BUTT JOINT



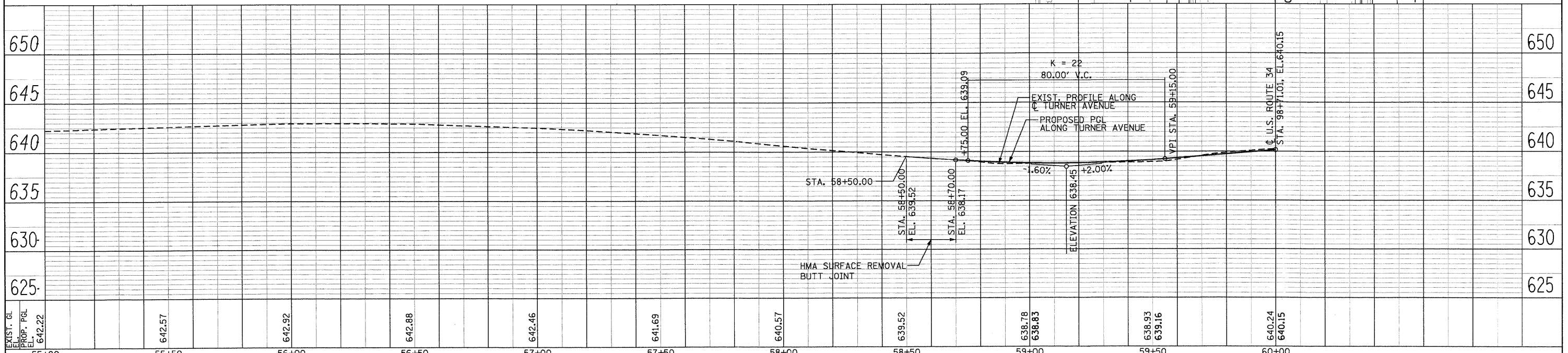
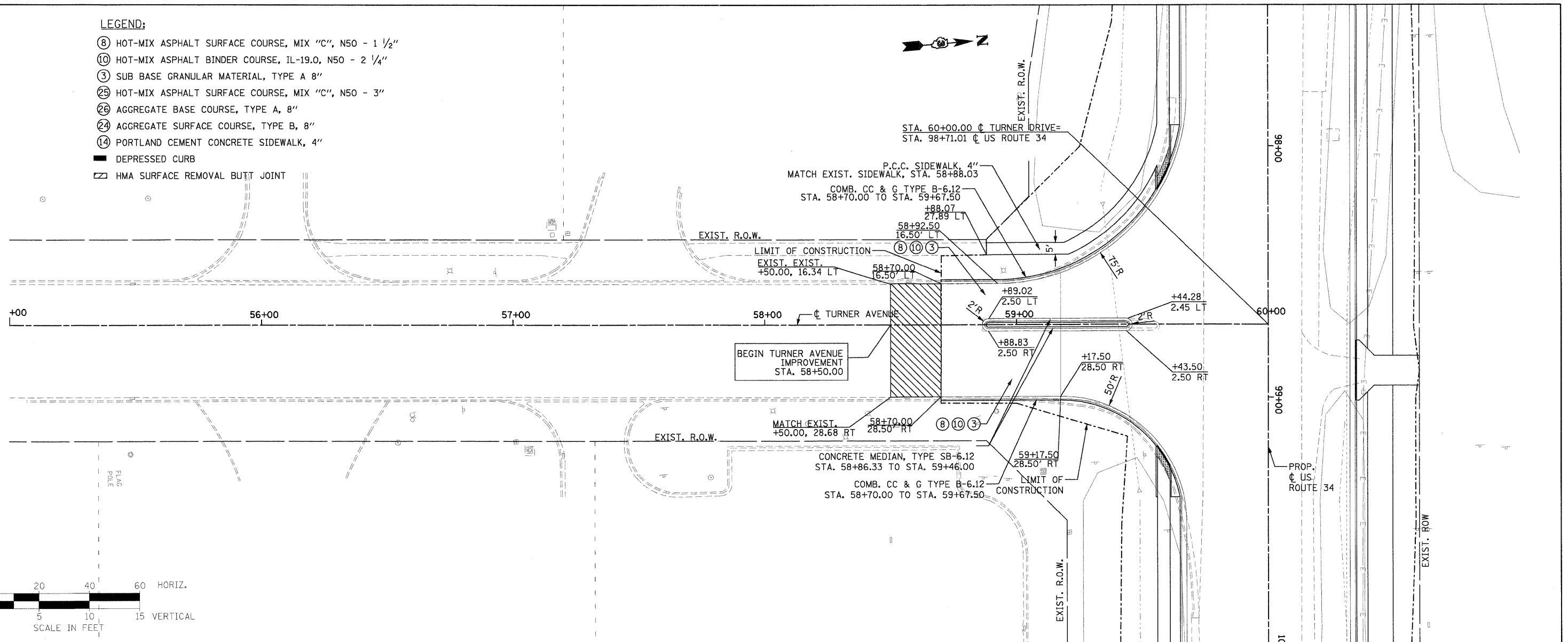
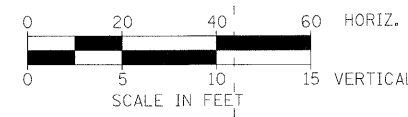
PR PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = D366985-ah-25p1npr.dgn PLOT SCALE = 20 PLOT DATE = 19-AUG-2011 08:15	DESIGNED - MMS DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		CROSS ROAD PLAN & PROFILE LAKEWOOD SPRINGS DRIVE		F.A.P. RTE. 591 SECTION 13R-214R-1 & BR-1(1)15R-1 COUNTY KENDALL TOTAL SHEETS 429 SHEET NO. 86	CONTRACT NO. 66985 ILLINOIS FED. AID PROJECT
	SCALE: 1"=20' Horiz PNP - 25 OF 27 STA. TO STA.								

LEGEND:

- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 1 1/2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2 1/4"
- ③ SUB BASE GRANULAR MATERIAL, TYPE A 8"
- ②5 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 - 3"
- ②6 AGGREGATE BASE COURSE, TYPE A, 8"
- ②4 AGGREGATE SURFACE COURSE, TYPE B, 8"
- ⑭ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- DEPRESSED CURB
- ⊠ HMA SURFACE REMOVAL BUTT JOINT

PLAN	BY	DATE
SURVEYED		
ALIGNED		
CHECKED		
RT. OF WAY CHECKED		
ROAD FILE NAME		

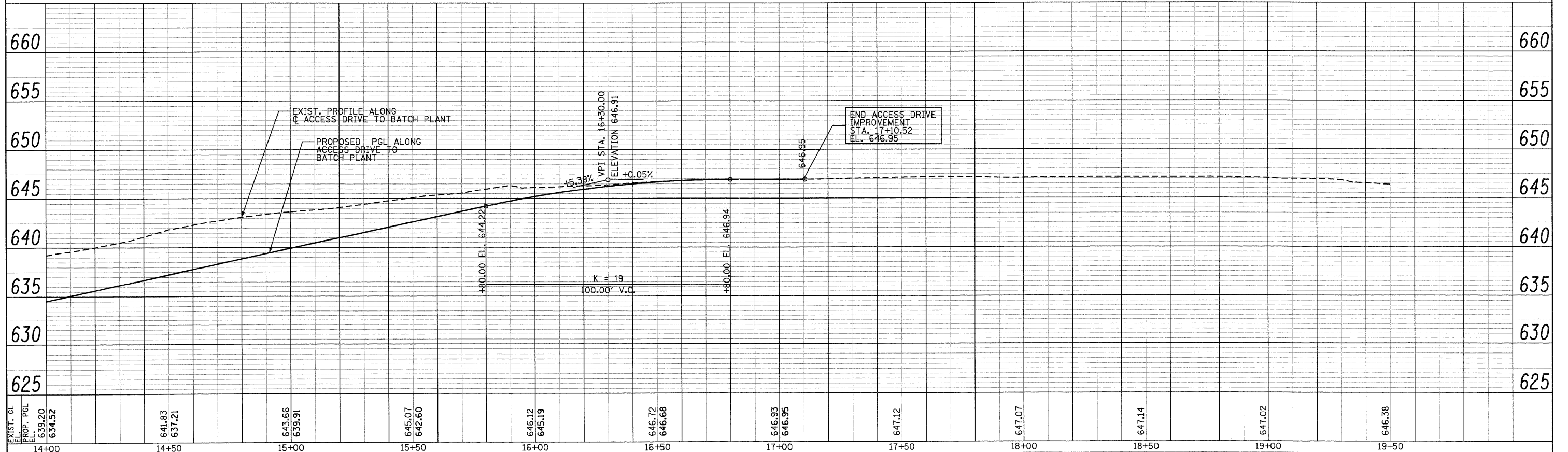
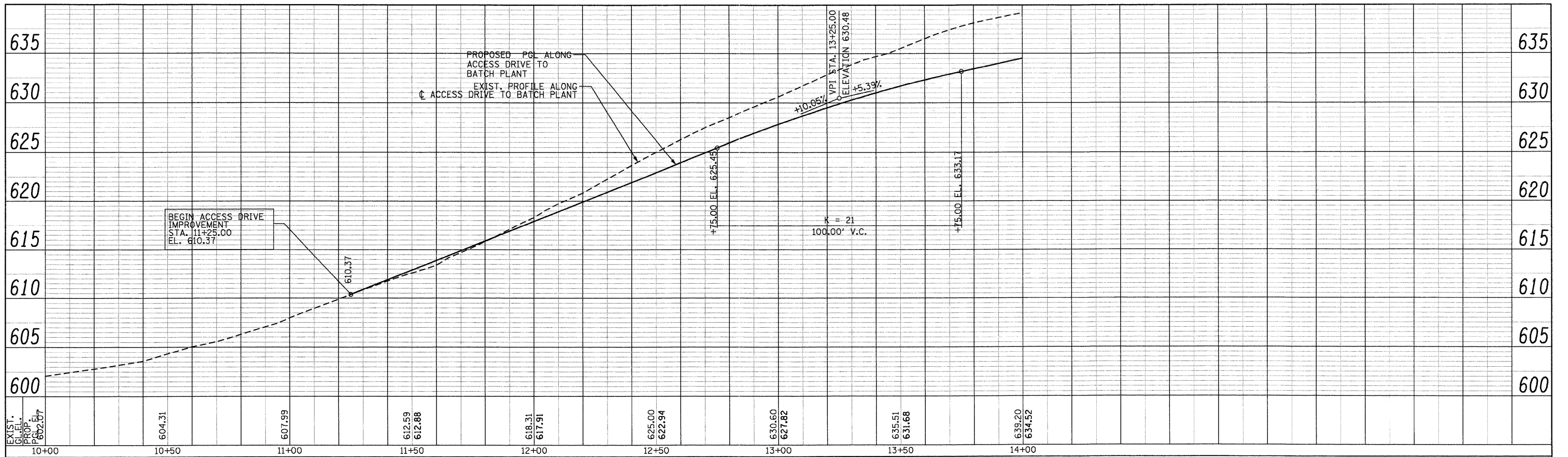
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GRADES CHECKED		
NOTED		
STRUCTURE NOTATIONS OK'D		



<p>PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 312782-8150</p>	FILE NAME = 0365985-shr-26p1npr.f.dgn	DESIGNED - MMS	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	CROSS ROAD PLAN & PROFILE			<p>F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 591 13R-2p14R-1 & BR-10p15R-1 KENDALL 429 87 FINAL SUBMITTAL CONTRACT NO. 66985 ILLINOIS FED. AID PROJECT</p>	
	PLOT SCALE = 20'	DRAWN - MMS	REVISED -		SCALE: 1"=20' Horiz	PNP - 26 OF 27	STA. TO STA.		
	PLOT DATE = 19-AUG-2011 09:15	CHECKED - KJB	REVISED -						
	DATE = 08-18-2011		REVISED -						

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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADINGS CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO. _____		



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FILE NAME = D366785-sh1-27pr.dgn
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 CHECKED -
 DATE -
 PLOT SCALE = 20
 PLOT DATE = 19-AUG-2011 08:15

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS ROAD PROFILE
 BATCH PLANT ACCESS DRIVE**

SCALE: 1"=20' Horiz PNP - 27 OF 27 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-10;15R-1	KENDALL	429	88
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ONE LANE IN EACH DIRECTION MUST REMAIN OPEN DURING PEAK TRAFFIC HOURS. PEAK HOURS ARE FROM 10:00 AM TO 7:00 PM. PEAK HOURS MAY BE MODIFIED BY THE ENGINEER BASED ON ACTUAL TRAFFIC CONDITIONS.
2. THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNAGE PRIOR TO BEGINNING ANY CONSTRUCTION STAGE. TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701901.
3. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL OF THE ENGINEER FOR ANY METHODS OF TRAFFIC CONTROL AND PROTECTION DIFFERENT THAN THAT SHOWN ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR.
4. THE CONTRACTOR SHALL NOT CHANGE THE CONSTRUCTION STAGING PLANS WITHOUT WRITTEN APPROVAL OF THE ENGINEER AND ANY ADDITIONAL COSTS RESULTING FROM AN APPROVED CHANGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL PROVIDE ALL SIGNS, DRUMS, BARRICADES, VERTICAL PANELS AND PROTECTION NECESSARY FOR THE MAINTENANCE OF TRAFFIC AS NOTED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE ENGINEER. THESE ITEMS ARE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION STANDARDS SHOWN ON THE PLANS.
6. THE CONTRACTOR MUST NOTIFY ALL EMERGENCY SERVICES (POLICE, FIRE, ETC.), LOCAL SCHOOL DISTRICTS AND LOCAL MUNICIPALITIES (VILLAGES, COUNTY, TOWNSHIPS) AND POST OFFICE A MINIMUM OF 72 HOURS IN ADVANCE OF ANY SIDE ROAD CLOSURES OR DETOURS.
7. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY DRAINAGE AND DE-WATERING ACTIVITIES TO ENSURE NO FLOODING OF ADJACENT PROPERTIES OR STANDING WATER IN THE CONSTRUCTION SITE.
8. THE CONTRACTOR SHALL PLATE/ PROTECT, TO THE SATISFACTION OF THE ENGINEER, ANY PERMANENT DRAINAGE STRUCTURES THAT ARE INSTALLED IN THE TRAVEL LANES OF FUTURE STAGES. THIS WORK IS INCLUDED IN THE COST OF THE DRAINAGE STRUCTURES.
9. ALL WARNING SIGNS SHALL BE BLACK LEGEND AND BORDER ON FLUORESCENT ORANGE REFLECTORIZED BACKGROUND UNLESS OTHERWISE SPECIFIED. ALL WARNING SIGNS SHALL BE 48 " X 48 ".
10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE STREETS DURING CONSTRUCTION. TEMPORARY ACCESS CLOSURES WILL BE ALLOWED ONLY AT THE DIRECTION OF THE ENGINEER. "AGGREGATE FOR TEMPORARY ACCESS" SHALL BE USED TO MAINTAIN ACCESS BETWEEN REMOVAL OF THE EXISTING ACCESS AND COMPLETION OF THE NEW ACCESS AS DIRECTED BY THE ENGINEER.
11. ENTRANCE SIGNS SHALL BE PLACED AT ALL COMMERCIAL ENTRANCES WITHIN THE CONSTRUCTION LIMITS IN ACCORDANCE WITH THE 'BUSINESS ABUTTING WORK ZONE ENTRANCE SIGN' DETAIL SHOWN IN THE PLANS AND TO THE SATISFACTION OF THE ENGINEER.
12. ALL TEMPORARY OR PERMANENT PAVEMENT MARKING PROPOSED WITHIN THE WORK AREA SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION PHASE CHANGE.
13. TEMPORARY PAVEMENT MARKINGS THAT WILL BE IN PLACE OVER WINTER SHALL BE PAINT.
14. A TYPE II BARRICADE WITH A "SIDEWALK CLOSED" SIGN AFFIXED, SHALL BE PLACED ON ALL SIDEWALKS CLOSED DUE TO CONSTRUCTION ACTIVITIES.
15. AT ALL EDGE DROP-OFFS GREATER THAN 24 INCHES WITHIN CLEARZONE, AN AGGREGATE WEDGE SHALL BE INSTALLED, AS SHOWN ON THE STAGING TYPICAL SECTIONS, WITHIN 48 HOURS. OPEN EXCAVATIONS GREATER THAN 30 INCHES DEEP WITHIN CLEARZONE NOT PROTECTED BY TEMPORARY TRAFFIC BARRIER SHALL BE BACKFILLED OR PLATED AT THE END OF THE WORK DAY.

SUGGESTED CONSTRUCTION SEQUENCE

STAGE IA:

1. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH STAGE IA TRAFFIC CONTROL PLAN, INSTALL ADVANCE CONSTRUCTION SIGNS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701006 AND 701606. NEEDHAM ROAD TRAFFIC WILL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701006. STORM SEWER LATERALS TO BE CONSTRUCTED ACROSS ACTIVE TRAVEL LANES SHALL BE PERFORMED DURING OFF PEAK HOURS IN ACCORDANCE WITH STANDARD 701206.
2. INSTALL "CHANGEABLE MESSAGE BOARDS" PRIOR TO THE START OF CONSTRUCTION ON US ROUTE 34 AT THE PROJECT LIMITS AT LOCATIONS DETERMINED BY THE ENGINEER.
3. CONSTRUCT TEMPORARY PAVEMENT ADJACENT TO EXISTING EASTBOUND LANES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. CONTRACTOR MAY ROUGH GRADE PROPOSED INFILTRATION BASIN AND BATCH PLANT DHV FOR BORROW MATERIAL.
4. SHIFT TRAFFIC TO STAGE IA TEMPORARY TRAFFIC LANES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
5. REMOVE EXISTING PORTION OF EASTBOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
6. CONSTRUCT PROPOSED EASTBOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
7. CONSTRUCT STORM SEWER TRUNKLINE, STRUCTURES AND LATERALS ON THE SOUTH SIDE OF US ROUTE 34 ASSOCIATED WITH THE STAGE IA CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS.

SUGGESTED CONSTRUCTION SEQUENCE (CONTINUED)

STAGE I:

1. REMOVE STAGE IA TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE I TRAFFIC CONTROL PLAN. INSTALL STAGE I TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701006 AND 701606. CROSS ROAD TRAFFIC WILL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701701. STORM SEWER LATERALS TO BE CONSTRUCTED ACROSS ACTIVE TRAVEL LANES SHALL BE PERFORMED DURING OFF PEAK HOURS IN ACCORDANCE WITH STANDARD 701206.
2. SHIFT TRAFFIC TO STAGE I TEMPORARY TRAFFIC LANES AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
3. REMOVE EXISTING WESTBOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
4. CONSTRUCT PROPOSED WEST BOUND BRIDGE DECK OVER BIG ROCK CREEK AND BRIDGE APPROACH PAVEMENT AS SHOWN ON THE PLANS.
5. REMOVE WESTBOUND EXISTING PAVEMENT AS SHOWN ON THE PLANS.
6. CONSTRUCT PROPOSED WESTBOUND LANES PAVEMENT AS SHOWN ON THE PLANS.
7. CONSTRUCT PROPOSED CURB AND GUTTER, RETAINING WALLS, SIDEWALKS AND SHARED USE PATH AS SHOWN ON THE PLANS.
8. CONSTRUCT STORM SEWER TRUNKLINE, STRUCTURES AND LATERALS ON THE NORTH SIDE OF US ROUTE 34 ASSOCIATED WITH THE STAGE I CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS. CONSTRUCT INFILTRATION BASIN ON SOUTH SIDE (BORROW LOCATION).
9. CONSTRUCT CROSS ROADS AND DRIVEWAYS ON NORTH SIDE OF U.S. ROUTE 34.
10. CONSTRUCT LATERAL STORM SEWER PIPES NO. 75 AND 180 AND STRUCTURE NO. 75 AND 180 IN ORDER TO DRAIN ADJACENT PARKING LOT.
11. AT THE END OF STAGE I CONSTRUCTION, CONSTRUCT TEMPORARY PAVEMENT AND MILL / GRIND EXISTING PAVEMENT SURFACE APPROACHING WAUBONSEE DR & MITCHELL DR TO MATCH NEWLY CONSTRUCTED WESTBOUND LANES AS SHOWN ON THE PLANS. THE PORTION OF THIS WORK WITHIN THE ACTIVE LEFT TURN LANE TO BE PERFORMED DURING OFF PEAK HOURS AND AS DIRECTED BY THE ENGINEER.

STAGE II:

1. REMOVE STAGE IA TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE I TRAFFIC CONTROL PLAN. INSTALL STAGE I TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701006 AND 701606. CROSS ROAD TRAFFIC WILL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701701. STORM SEWER LATERALS TO BE CONSTRUCTED ACROSS ACTIVE TRAVEL LANES SHALL BE PERFORMED DURING OFF PEAK HOURS IN ACCORDANCE WITH STANDARD 701206.
2. SHIFT TRAFFIC TO STAGE II TEMPORARY TRAFFIC LANES AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
3. REMOVE EASTBOUND EXISTING PAVEMENT AS SHOWN ON THE PLANS.
4. CONSTRUCT PROPOSED EASTBOUND LANES PAVEMENT AS SHOWN ON THE PLANS.
5. CONSTRUCT PROPOSED CURB AND GUTTER, SIDEWALKS AND SHARED USE PATH AS SHOWN ON THE PLANS.
6. CONSTRUCT STORM SEWER TRUNKLINE, STRUCTURES AND LATERALS ON THE SOUTH SIDE OF US ROUTE 34 ASSOCIATED WITH THE STAGE II CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS. CONTRACTOR SHALL MAINTAIN DRAINAGE IN THE EXISTING STORM SEWER PIPE FROM STA. 37+83 TO STA. 28+53 DURING CONSTRUCTION.
7. CONSTRUCT CROSS ROADS AND DRIVEWAYS ON SOUTH SIDE OF U.S. ROUTE 34.

STAGE III:

1. REMOVE STAGE II TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES THAT CONFLICT WITH STAGE III TRAFFIC CONTROL PLAN. INSTALL STAGE III TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER. US ROUTE 34 TRAFFIC WILL BE MAINTAINED USING STANDARD 701602.
2. SHIFT TRAFFIC TO STAGE III TEMPORARY TRAFFIC LANES AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER.
3. REMOVE REMAINING EXISTING PAVEMENT AS SHOWN ON THE PLANS.
4. CONSTRUCT PROPOSED MEDIANS AND CENTER LANES PAVEMENT AS SHOWN ON THE PLANS.
5. CONSTRUCT PROPOSED CURB AND GUTTER AT THE MEDIAN LOCATIONS.
6. CONSTRUCT REMAINING STORM SEWER STRUCTURES AND LATERALS ALONG US ROUTE 34 ASSOCIATED WITH THE STAGE III CONSTRUCTION ZONE AND AS SHOWN ON THE PLANS.







STAGE IV:

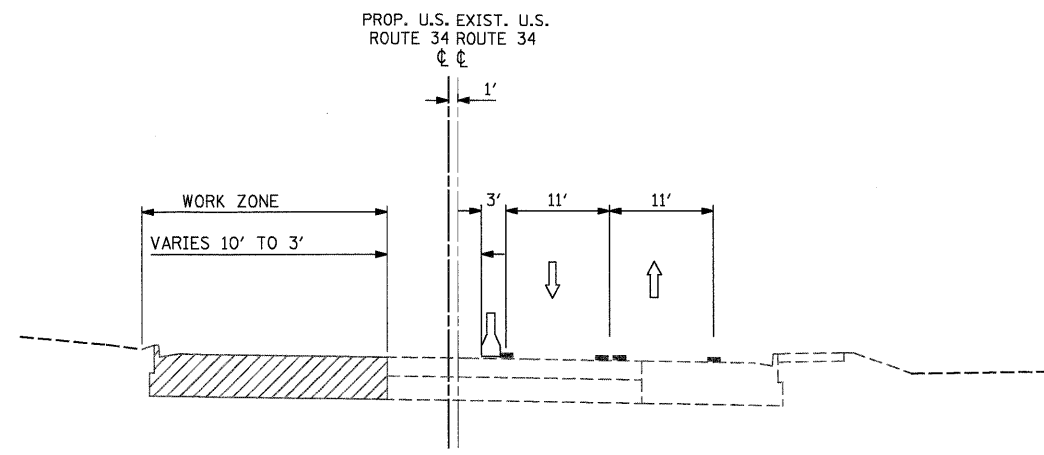
1. USING HIGHWAY STANDARDS 701601 AND 701602 FOR ONE LANE CLOSURES PERFORM THE FOLLOWING OPERATIONS:
2. INSTALL PROPOSED ROADWAY SIGNS, INSTALL PROPOSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. OPEN ALL LANES TO TRAFFIC AS SHOWN ON THE PAVEMENT MARKING PLANS.

	FILE NAME = D366988-MOT-Notes.dgn PLOT SCALE = PLOT DATE = 19-AUG-2011 08:15	DESIGNED - DM DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES	F.A.P. RTE. 591	SECTION 13R-2;14R-1 & BR-1(1);15R-1	COUNTY KENDALL	TOTAL SHEETS 429	SHEET NO. 89
	SCALE: MOT - 1 OF 66 STA. TO STA.						FINAL SUBMITTAL		CONTRACT NO. 66985	

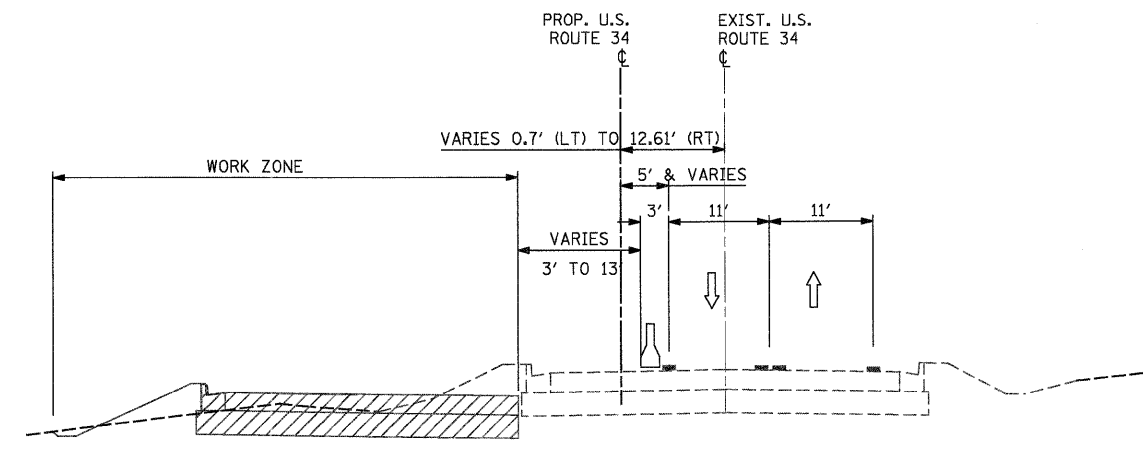
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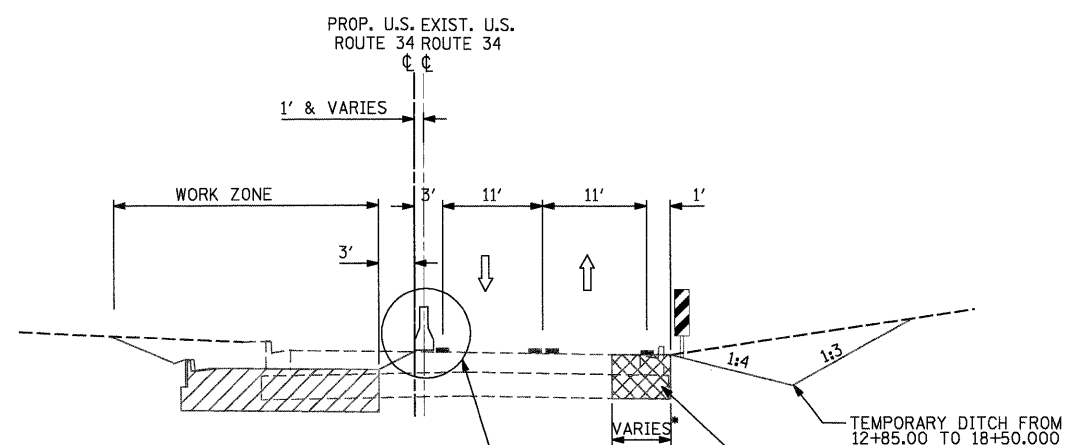
-  VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
-  DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS
-  WORK ZONE
-  TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
-  TRAFFIC FLOW ARROW
-  TEMPORARY CONCRETE BARRIER



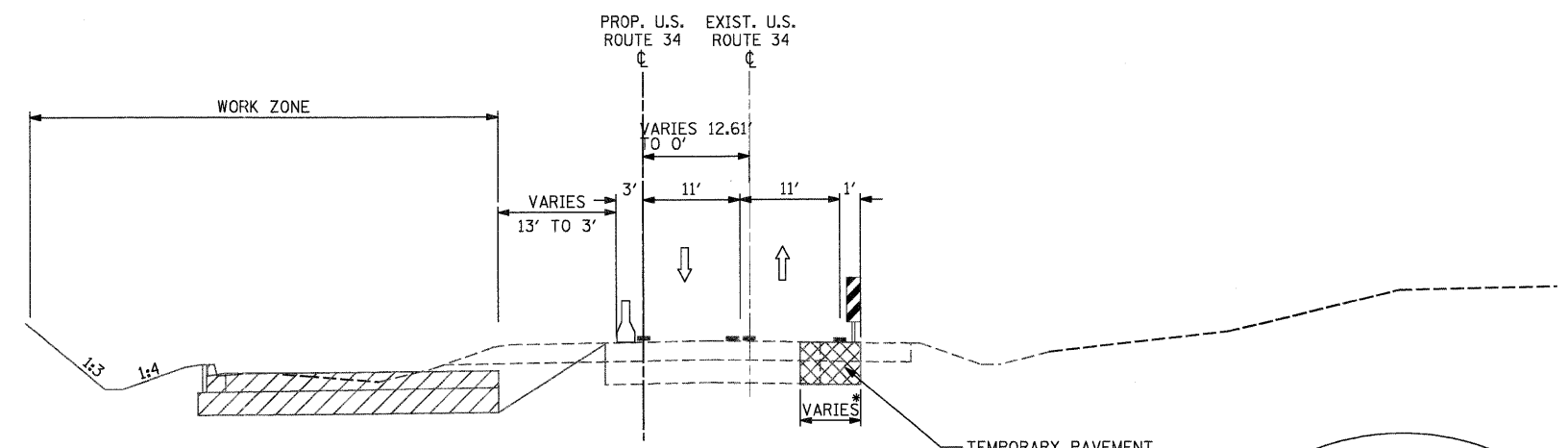
**STAGE I TYPICAL SECTION
U.S. ROUTE 34**
STA. 7+00.00 TO STA. 12+85.32



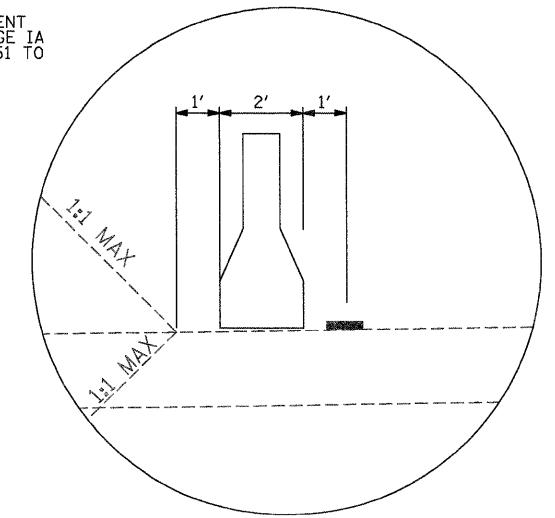
**STAGE I TYPICAL SECTION
U.S. ROUTE 34**
FROM STA. 29+52.22 TO STA. 37+65.92



**STAGE I TYPICAL SECTION
U.S. ROUTE 34**
FROM STA. 12+85.85 TO STA. 29+52.22
BRIDGE AND APPROACH OMISSION STA. 19+37.75 TO STA. 21+59.79









**STAGE I TYPICAL SECTION
U.S. ROUTE 34**
FROM STA. 37+65.92 TO STA. 59+13.47

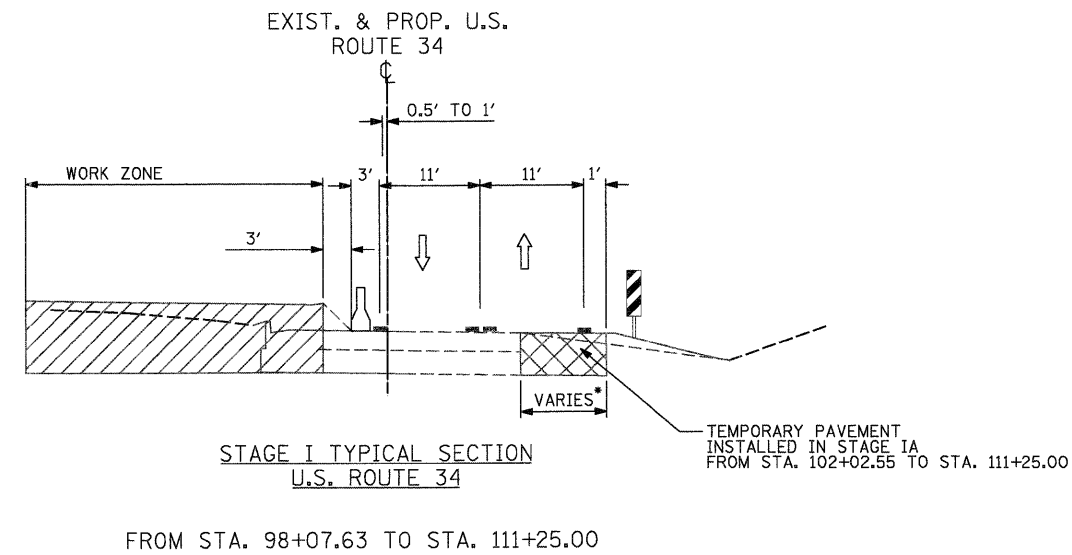
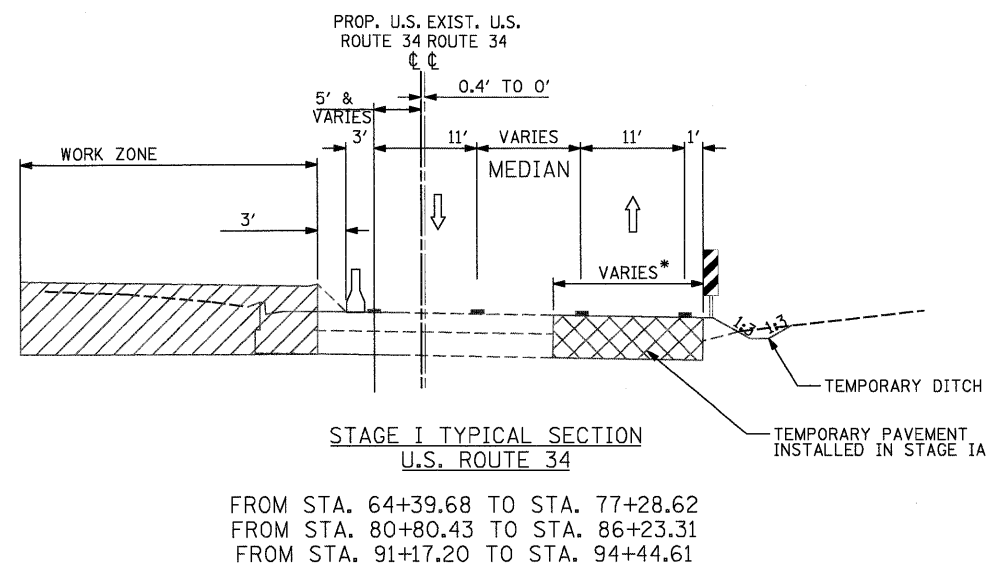
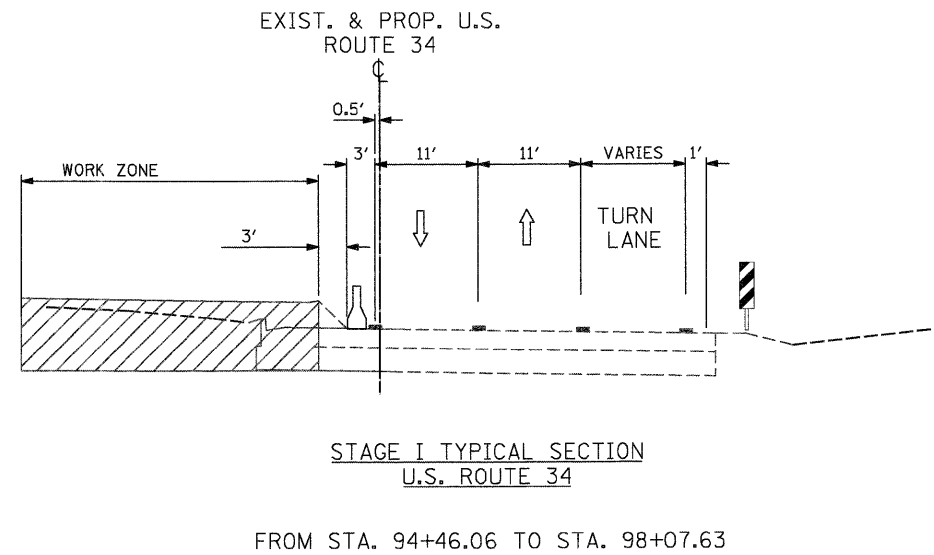
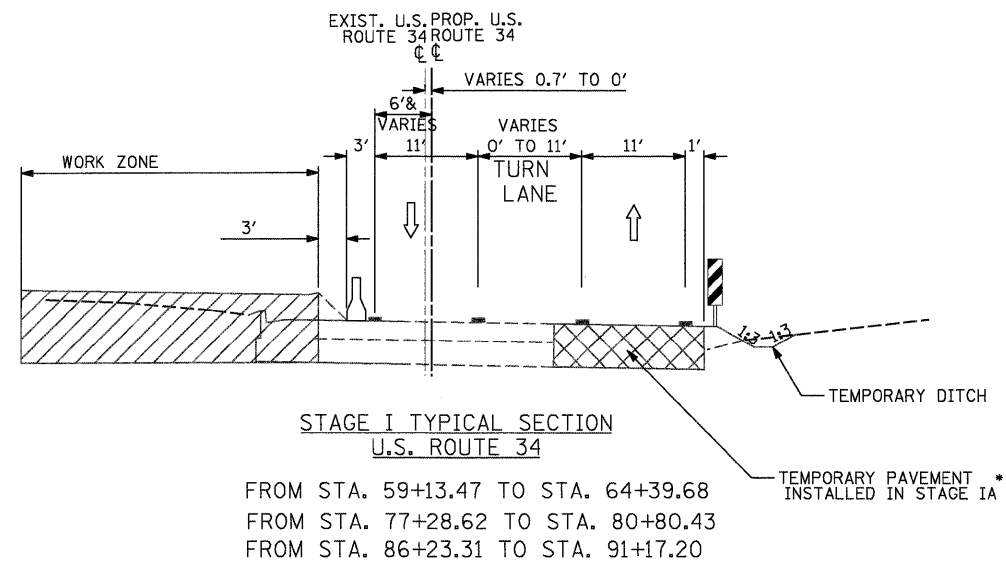


DETAIL A
STA. 13+26.00 TO STA. 30+50.00
STA. 40+00.00 TO STA. 64+30.80
STA. 78+50.00 TO STA. 111+63.70

* 0' TO 7.5' FROM STA. 12+82.98 TO STA. 19+38.26
7.5' FROM STA 19+38.26 TO STA. 26+00.00
7.5' TO 0' FROM STA. 26+00.00 TO STA.29+52.22
0' TO 5.0' FROM STA. 52+00.51 TO STA. 59+13.47







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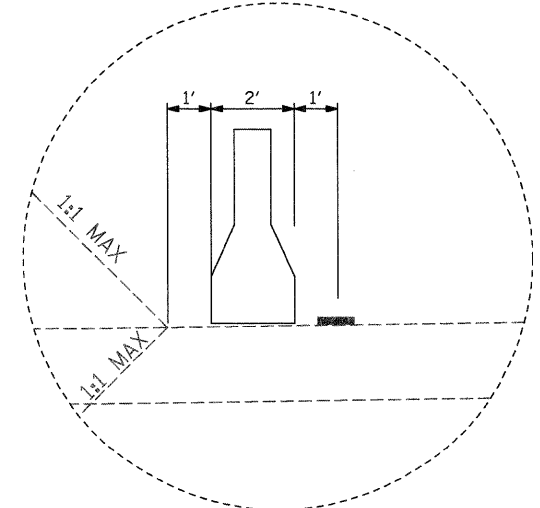
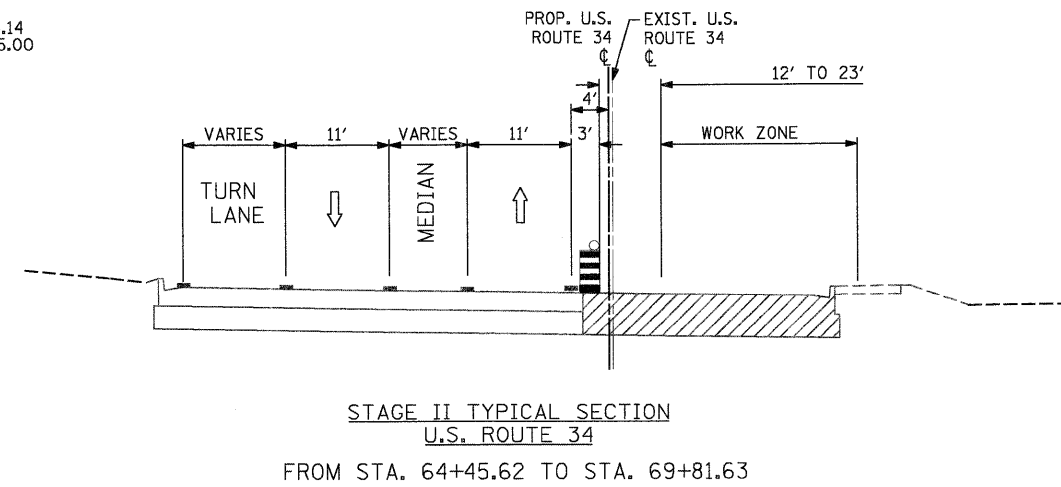
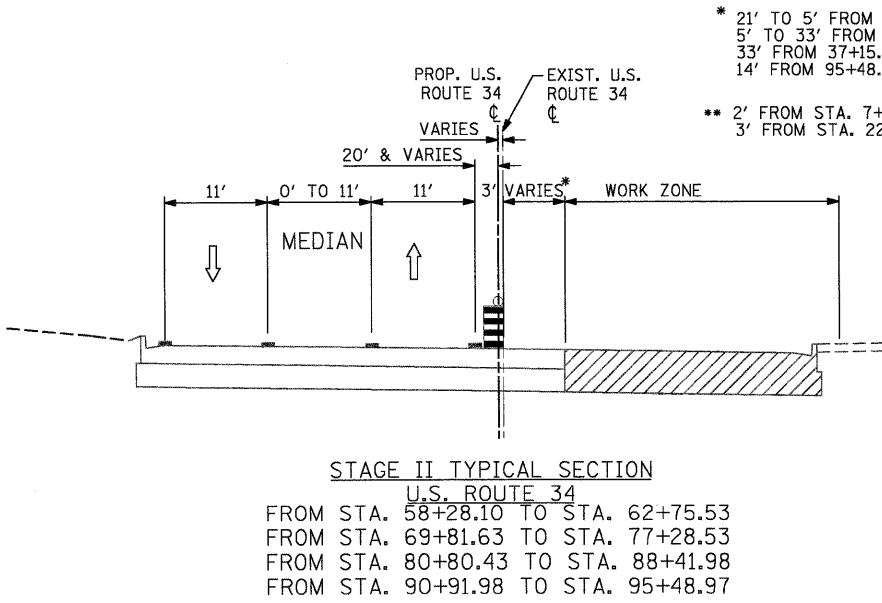
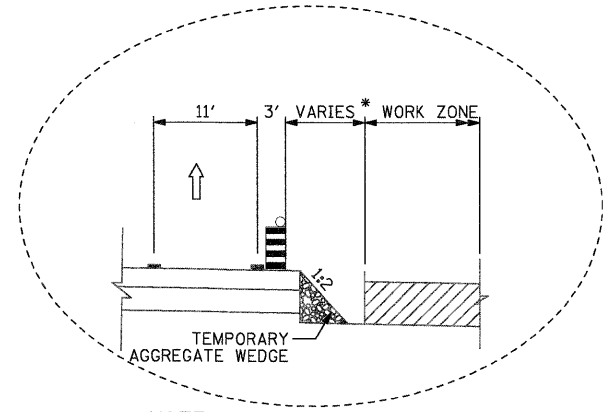
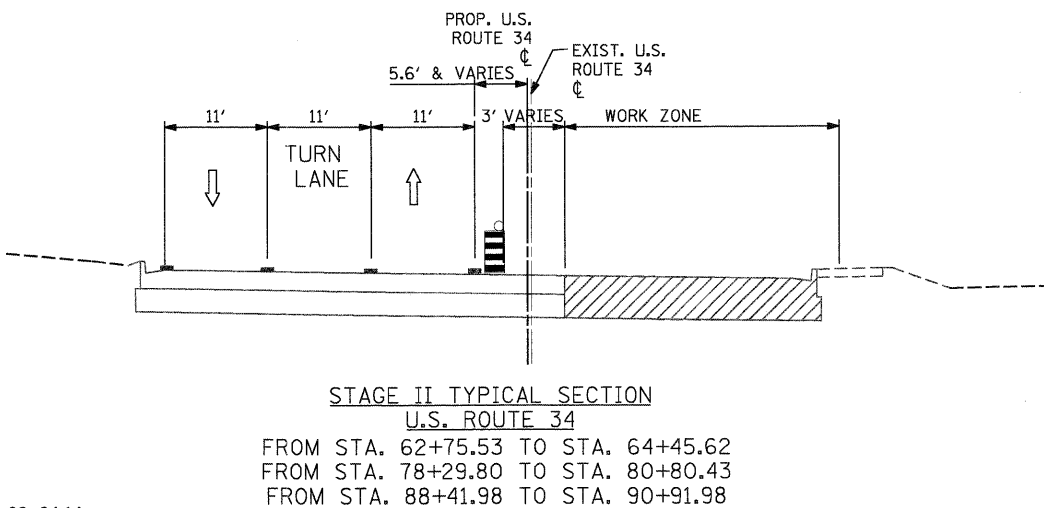
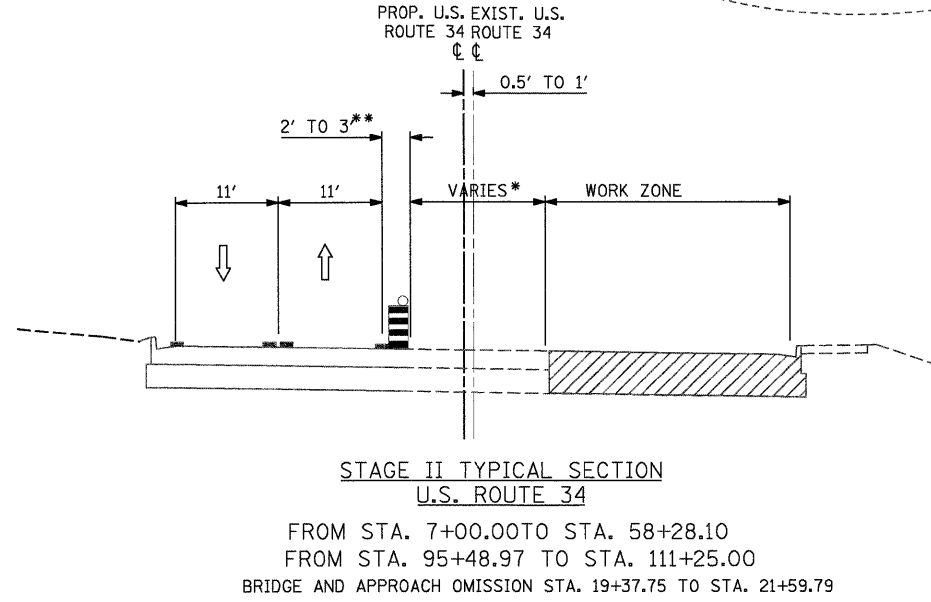
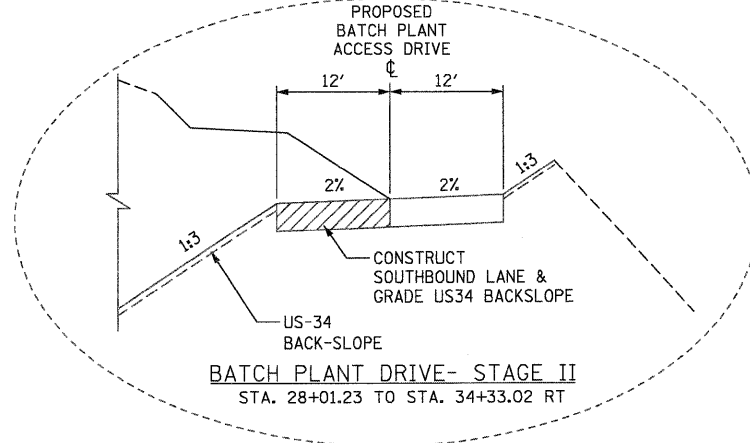
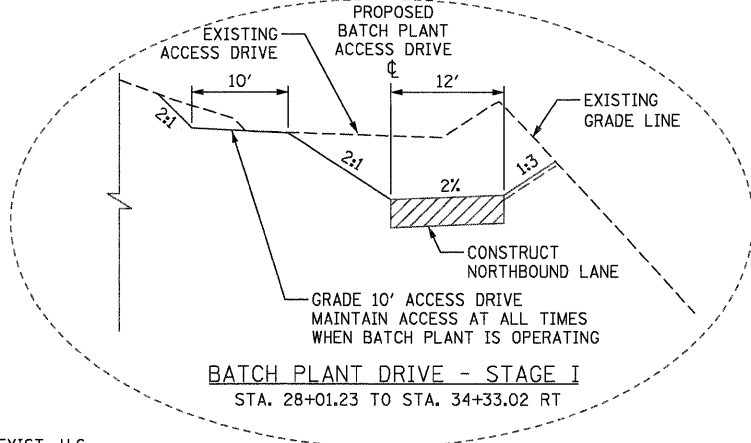
-  VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
-  DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS
-  WORK ZONE
-  TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
-  TRAFFIC FLOW ARROW
-  TEMPORARY CONCRETE BARRIER



* 5.0' TO 17.0' FROM STA. 59+13.47 TO STA. 64+17.10
16.0' TO 0.0' FROM STA. 67+64.19 TO STA. 72+94.70
16.0' FROM STA. 78+40.00 TO STA. 91+69.17
16.0' TO 0' FROM STA. 91+69.17 TO STA. 94+46.06
0' TO 10' FROM STA. 102+02.55 TO STA. 104+98.23
10' FROM STA. 104+98.23 TO STA. 111+25.50







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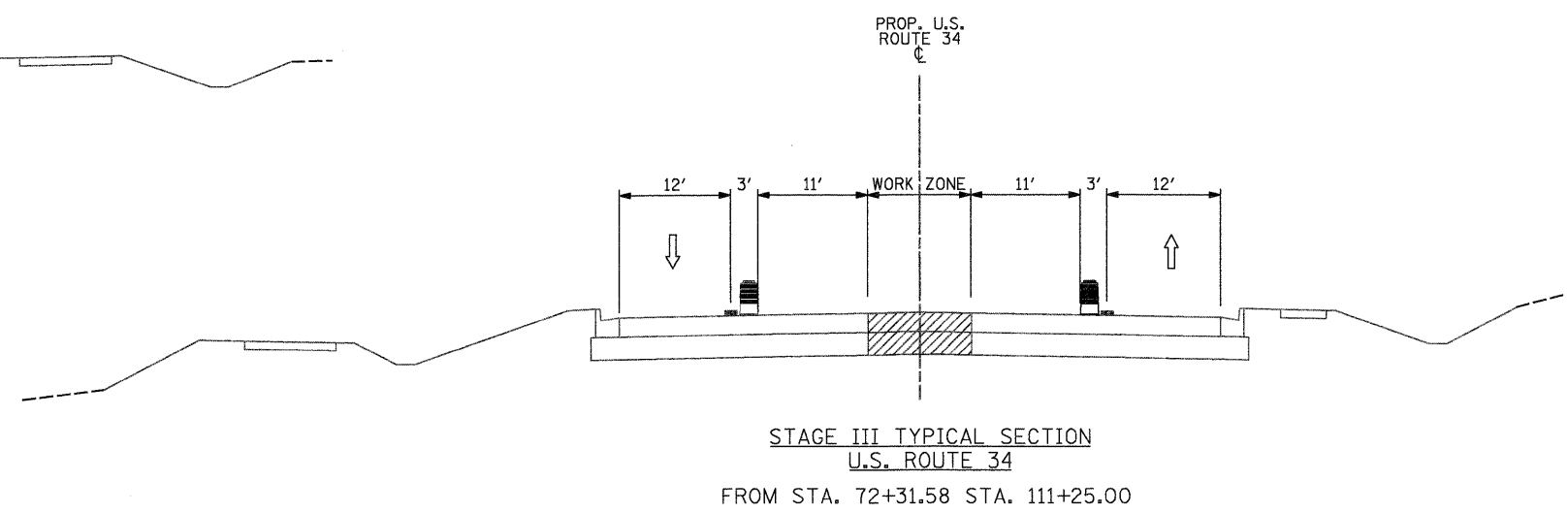
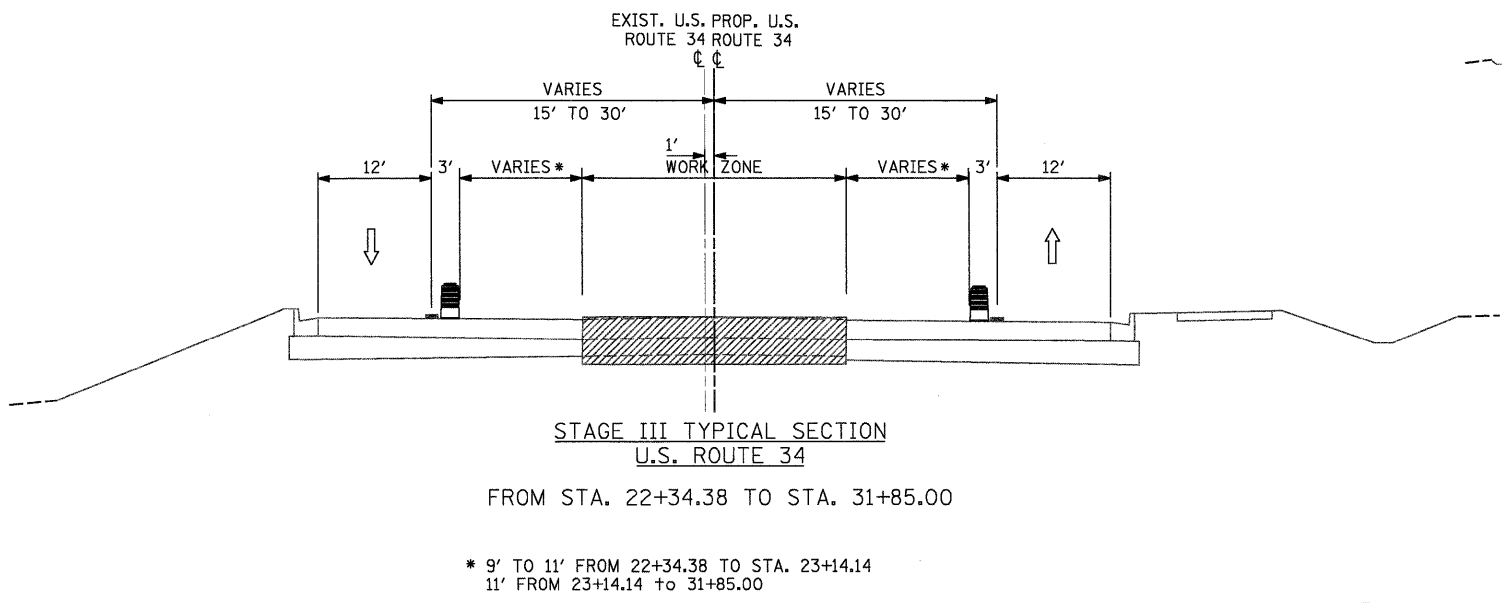
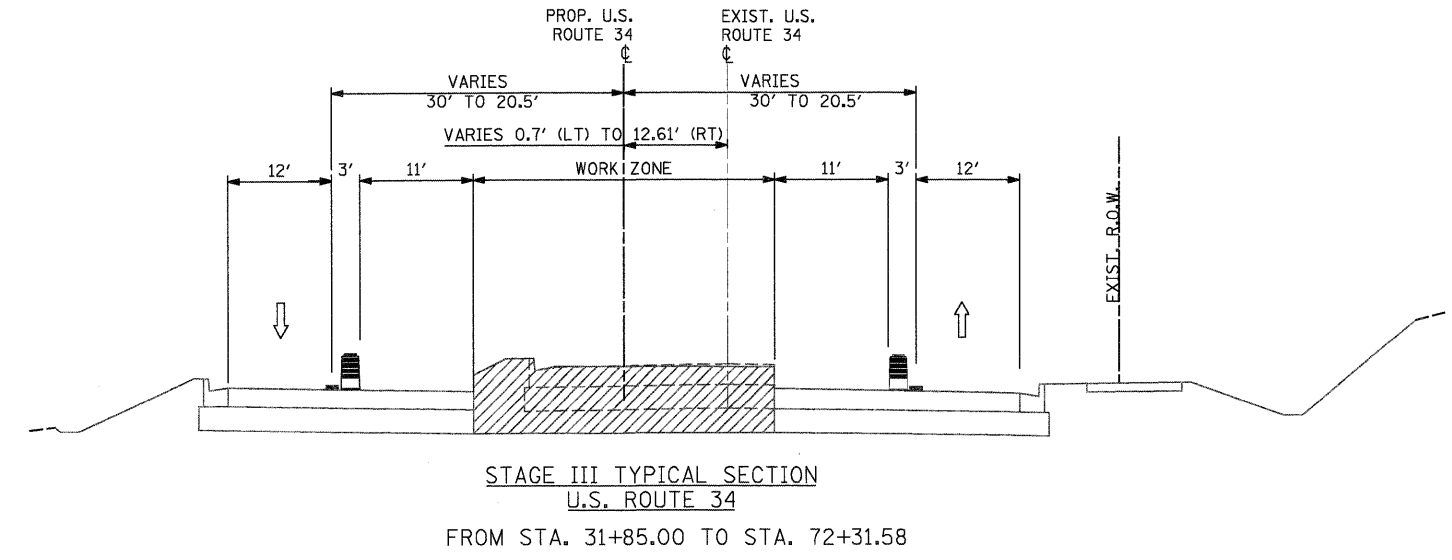
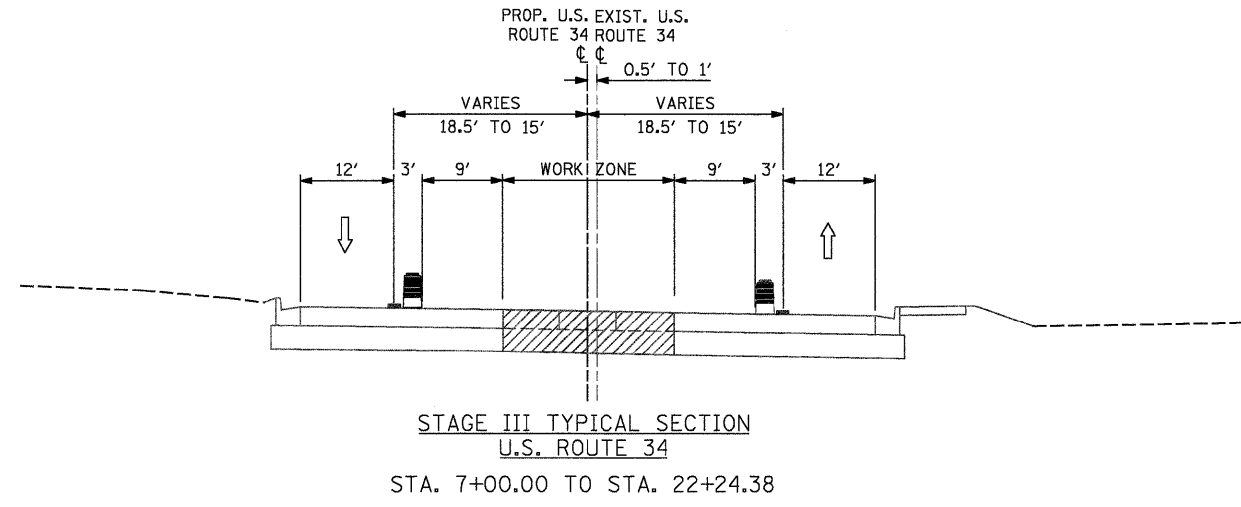
-  VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
-  DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS
-  WORK ZONE
-  TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
-  TRAFFIC FLOW ARROW
-  TEMPORARY CONCRETE BARRIER



* 33' TO 12' FROM STA. 58+28.10 TO STA. 62+75.53
23' TO 9' FROM 69+81.63 TO STA. 77+28.53
4' TO 14' FROM 80+80.43 TO STA. 95+48.97

LEGEND

-  VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
-  DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS
-  WORK ZONE
-  TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
-  TRAFFIC FLOW ARROW
-  TEMPORARY CONCRETE BARRIER



PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606
(312)782-8150







FILE NAME = D366785-MOT-typical.dgn	DESIGNED - DM	REVISED -
PLOT SCALE =	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 08:16	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

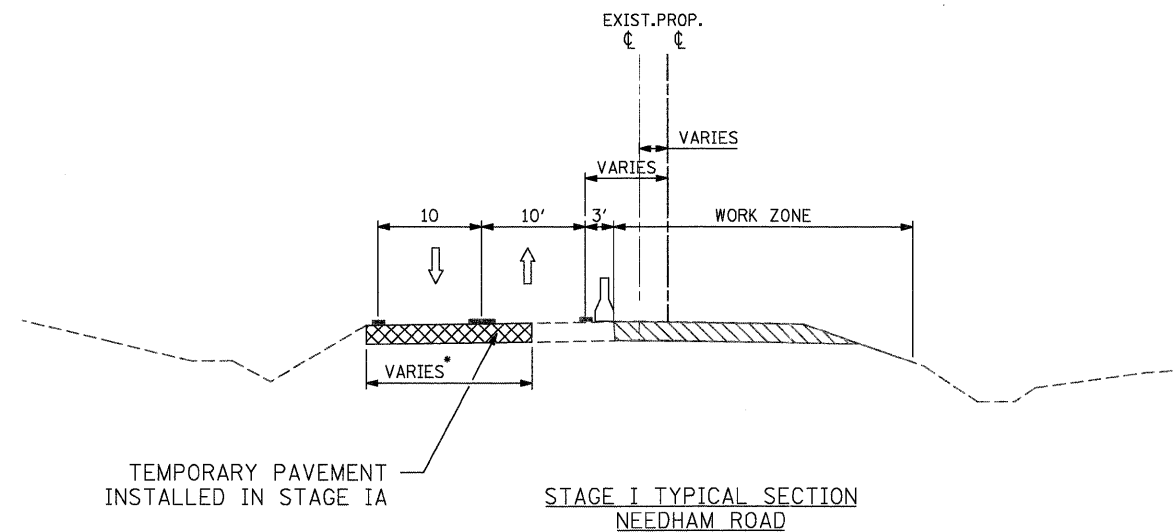
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC TYPICAL SECTIONS		
SCALE:	MOT - 5 OF 66	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(0)15R-1	KENDALL	429	93
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

LEGEND

-  VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
-  DRUMS W/ STEADY BURN LIGHTS AT 25' C-C IN TAPERS AND 50' C-C IN TANGENTS
-  WORK ZONE
-  TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
-  TRAFFIC FLOW ARROW
-  TEMPORARY CONCRETE BARRIER

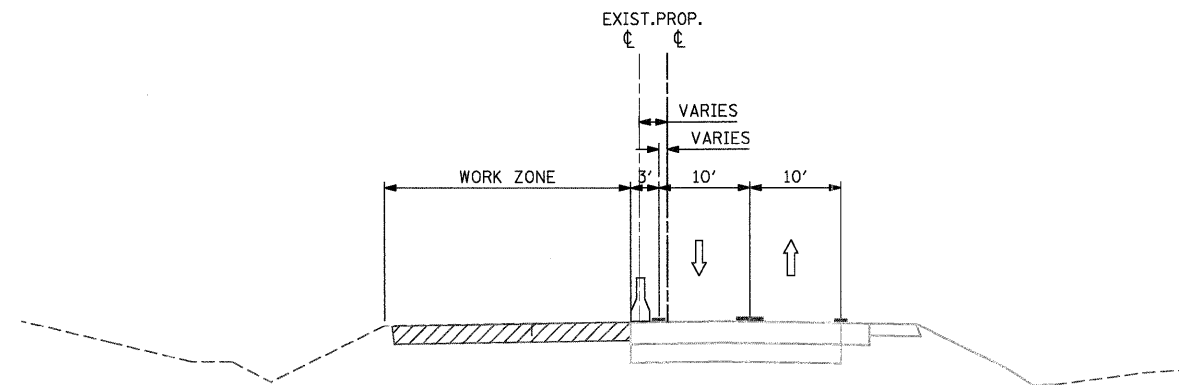


TEMPORARY PAVEMENT
INSTALLED IN STAGE IA

**STAGE I TYPICAL SECTION
NEEDHAM ROAD**

STA 2+25.00 TO STA. 16+78.39

- * 0' TO 20' FROM STA. 2+25.00 TO STA. 3+85.55
- 20' FROM 3+85.55 TO STA. 5+92.45
- 20' TO 0' FROM 5+92.45 TO STA. 9+35.32
- 20' FROM 10+05.89 TO STA. 15+55.07
- 20' TO 0' FROM 15+55.07 TO STA. 16+78.39



**STAGE II TYPICAL SECTION
NEEDHAM ROAD**

STA 3+50.00 TO STA. 16+00.00

FILE NAME = D366985-MOT-typical.dgn	DESIGNED - DM	REVISED -
PLOT SCALE =	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 08:16	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(0);15R-1	KENDALL	429	94
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

LEGEND

- ① TEMP PVMT MARKING, LINE 4" (WHITE)
- ② TEMP PVMT MARKING, LINE 4" (YELLOW)
- ③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
- ④ TEMP PVMT MARKING, LINE 12" (YELLOW)
- ⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
- ⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
- ⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

↑ TRAFFIC FLOW ARROW

TEMPORARY CONCRETE BARRIER

↓ SIGN

○ BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN

▬ BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS

→ ARROW BOARD

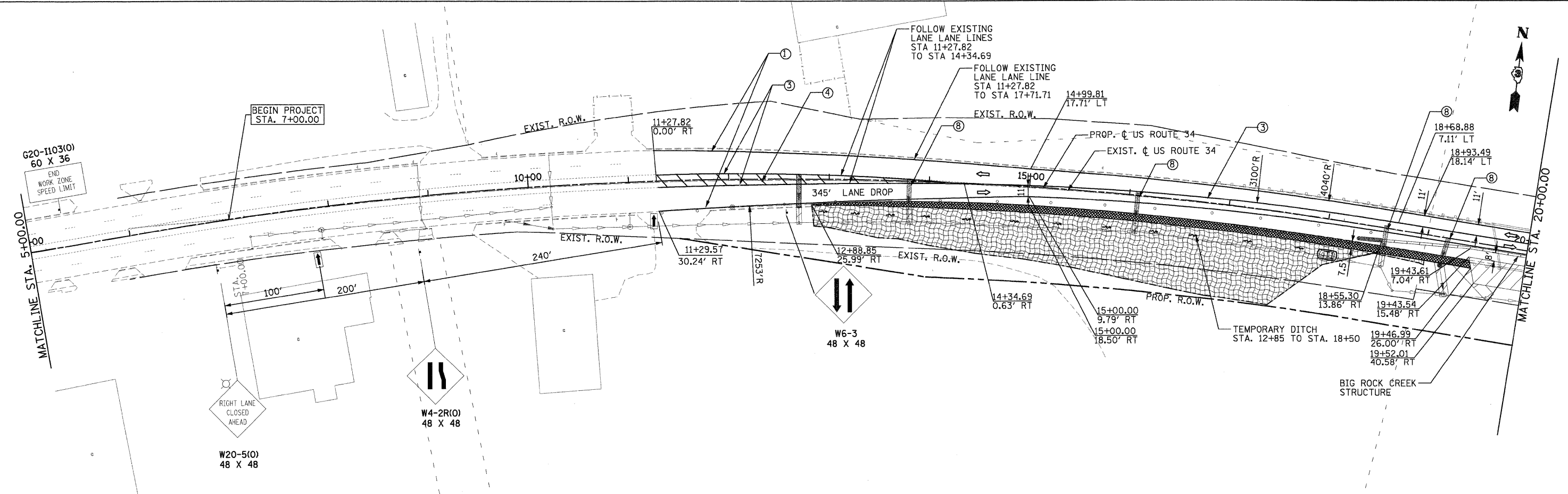
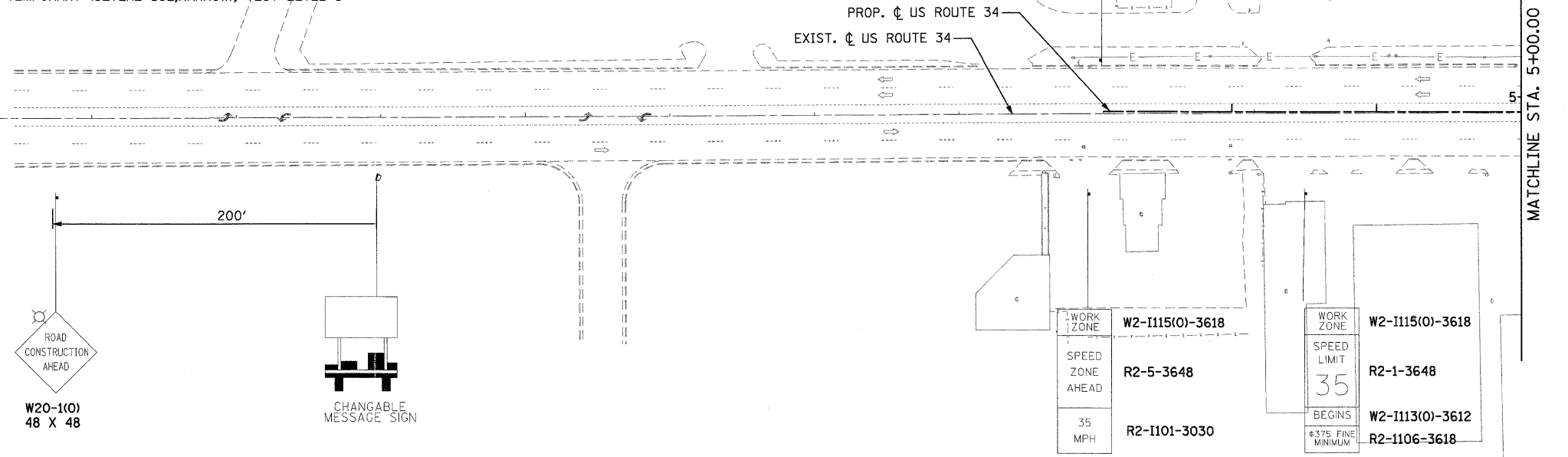
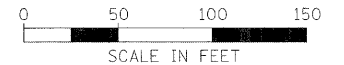
▬ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3

TEMPORARY SEEDING

EROSION CONTROL BLANKET

SEDIMENTATION BASIN

PAVEMENT PATCHES



PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606
(312)782-8150

FILE NAME = 0366785-mo1A01.dgn
DESIGNED - DM
DRAWN - MMS
CHECKED - KJB
DATE - 08-18-2011
PLOT SCALE = 50
PLOT DATE = 19-AUG-2011 08:16

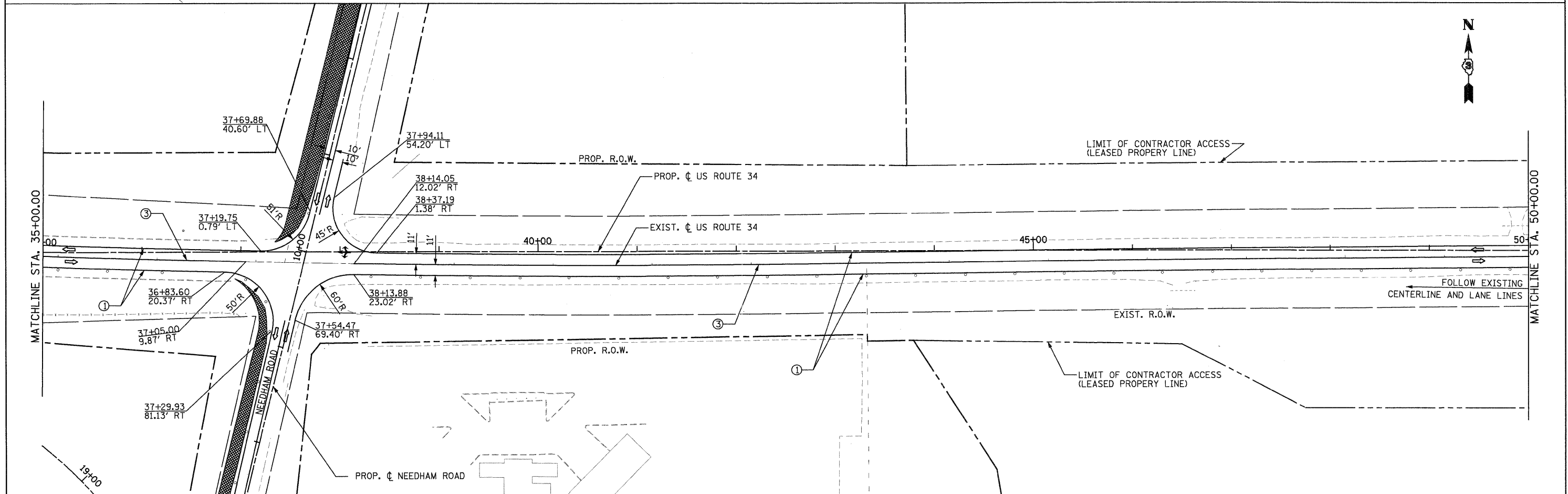
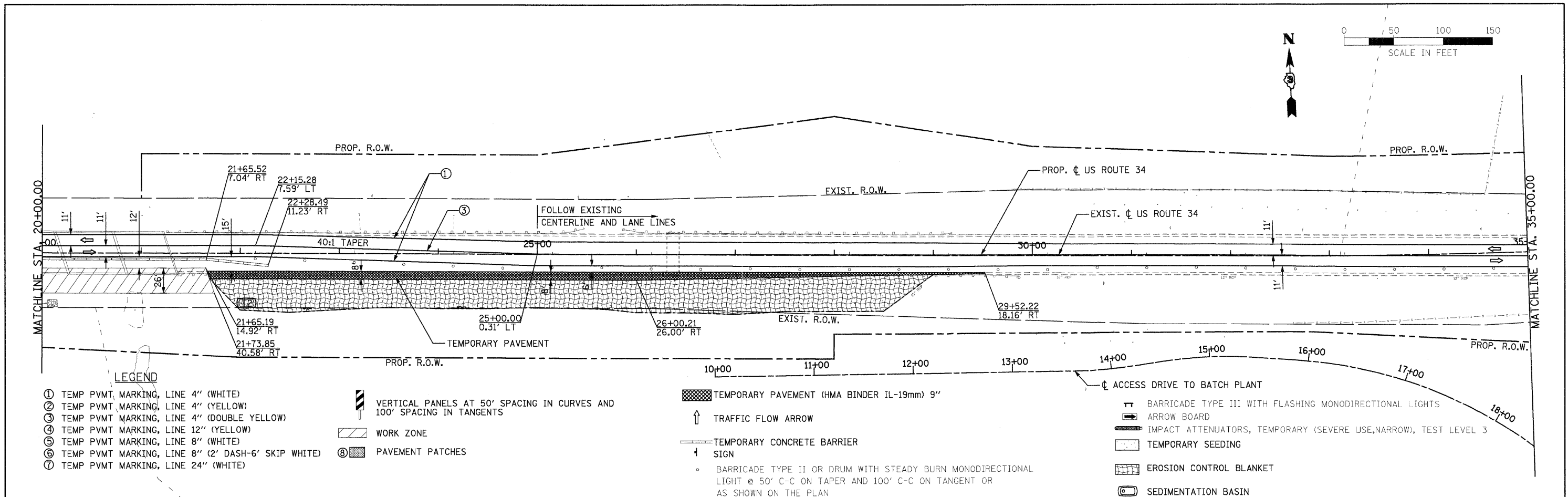
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DRAWN - MMS
CHECKED - KJB
DATE - 08-18-2011

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 - STAGE IA**
SCALE: 1" = 50'
MOT - 7 OF 66
STA. BEGIN TO STA. 20+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(1)15R-1	KENDALL	429	95
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				



PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = D366789-mot1A02.dgn PLOT SCALE = 50 PLOT DATE = 19-AUG-2011 08:16	DESIGNED - DM DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC US ROUTE 34 - STAGE IA SCALE: 1" = 50' MOT - 8 OF 66 STA. 20+00 TO STA. 50+00	<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>591</td> <td>13R-214R-1 & BR-1(0)15R-1</td> <td>KENDALL</td> <td>429</td> <td>96</td> </tr> <tr> <td colspan="3">FINAL SUBMITTAL</td> <td colspan="2">CONTRACT NO. 66985</td> </tr> <tr> <td colspan="5">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	591	13R-214R-1 & BR-1(0)15R-1	KENDALL	429	96	FINAL SUBMITTAL			CONTRACT NO. 66985		ILLINOIS FED. AID PROJECT				
	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																					
591	13R-214R-1 & BR-1(0)15R-1	KENDALL	429	96																						
FINAL SUBMITTAL			CONTRACT NO. 66985																							
ILLINOIS FED. AID PROJECT																										
					CONTRACT NO. 66985																					

LEGEND

- ① TEMP PVMT MARKING, LINE 4" (WHITE)
- ② TEMP PVMT MARKING, LINE 4" (YELLOW)
- ③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
- ④ TEMP PVMT MARKING, LINE 12" (YELLOW)
- ⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
- ⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
- ⑦ TEMP PVMT MARKING, LINE 24" (WHITE)
- VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

- TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
- ↑ TRAFFIC FLOW ARROW
- TEMPORARY CONCRETE BARRIER
- ↑ SIGN
- BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN
- BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS
- ↑ ARROW BOARD
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3

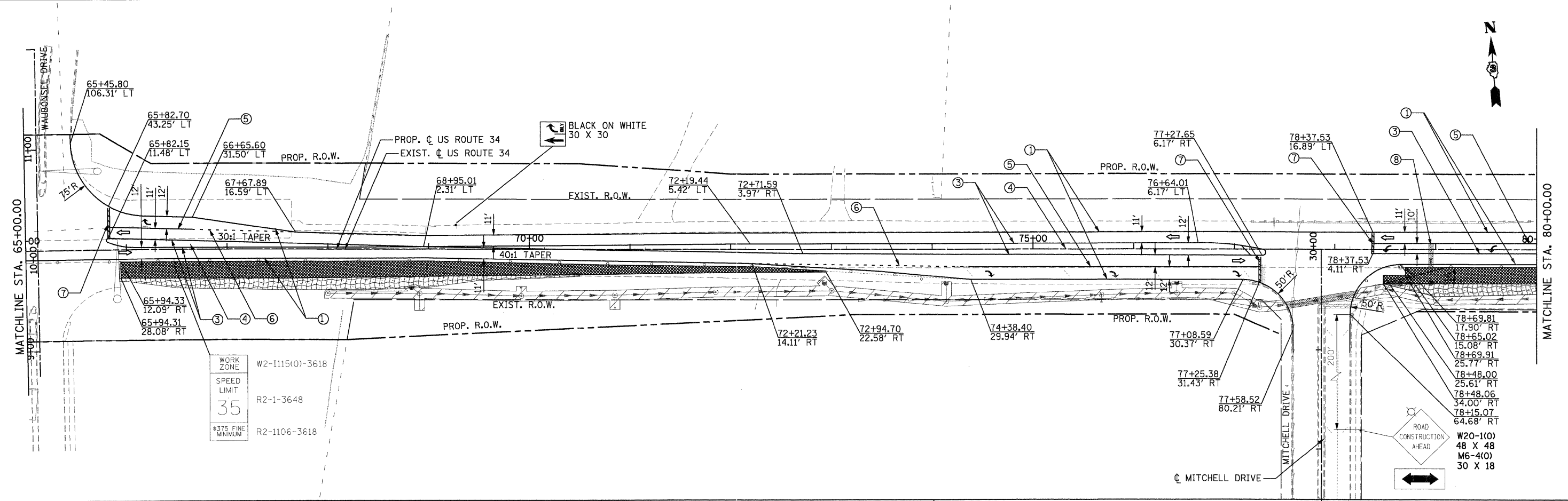
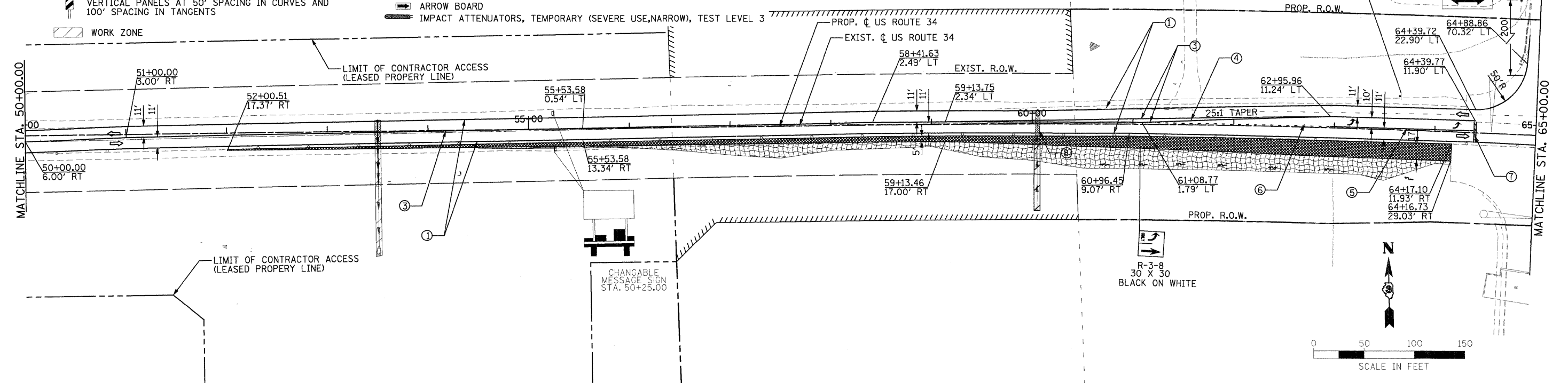
- TEMPORARY SEEDING
- EROSION CONTROL BLANKET
- SEDIMENTATION BASIN
- PAVEMENT PATCHES

W2-1115(0)-3618
R2-1-3648
R2-1106-3618

WORK ZONE
SPEED LIMIT
35
#375 FINE MINIMUM

W20-1(0)
48 X 48
M6-4(0)
30 X 18

ROAD CONSTRUCTION AHEAD



PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL 60606
(312)782-8150

FILE NAME = D366788-mot1A03.dgn
DESIGNED - DM
DRAWN - MMS
CHECKED - KJB
DATE - 08-18-2011

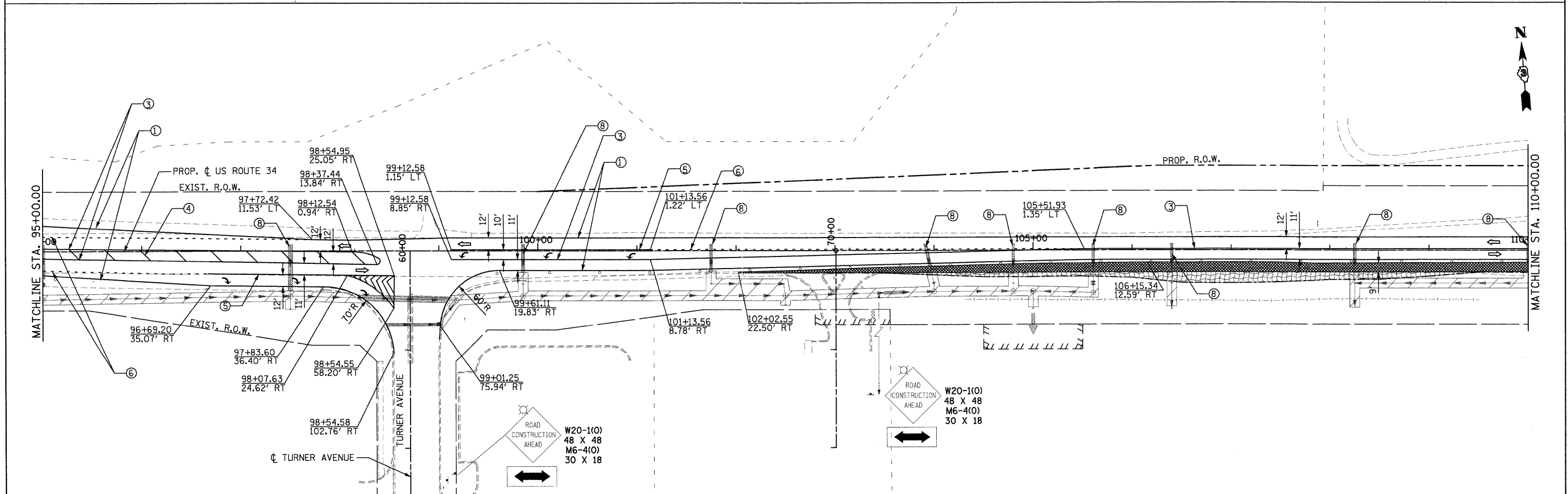
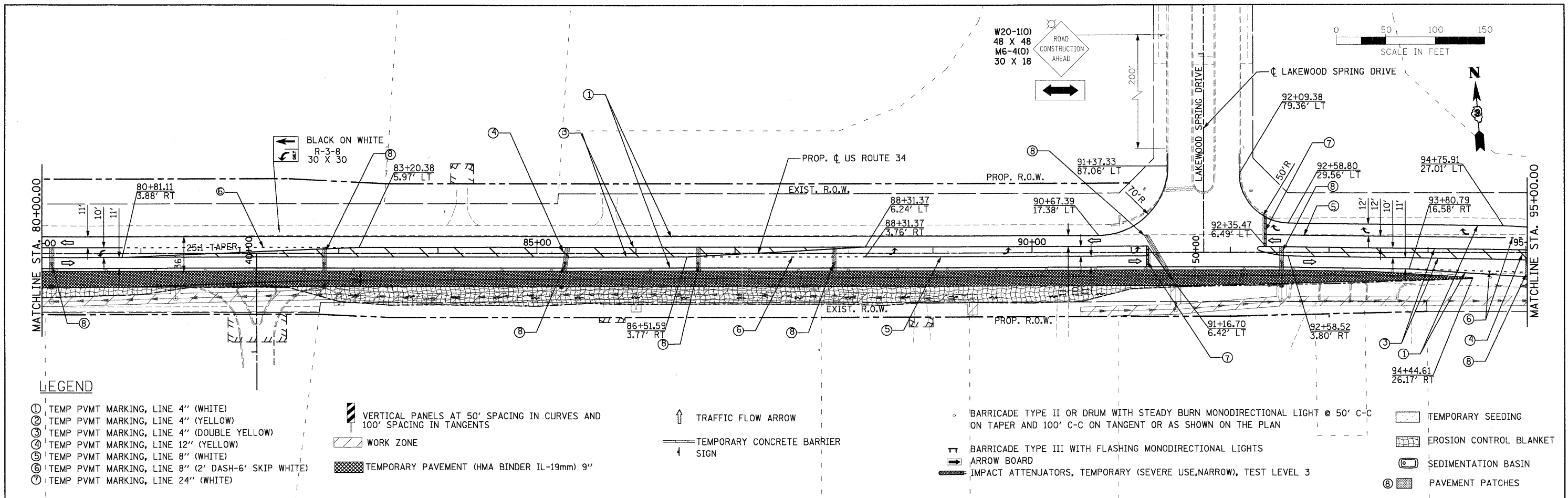
REVISOR -
REVISOR -
REVISOR -
REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

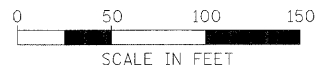
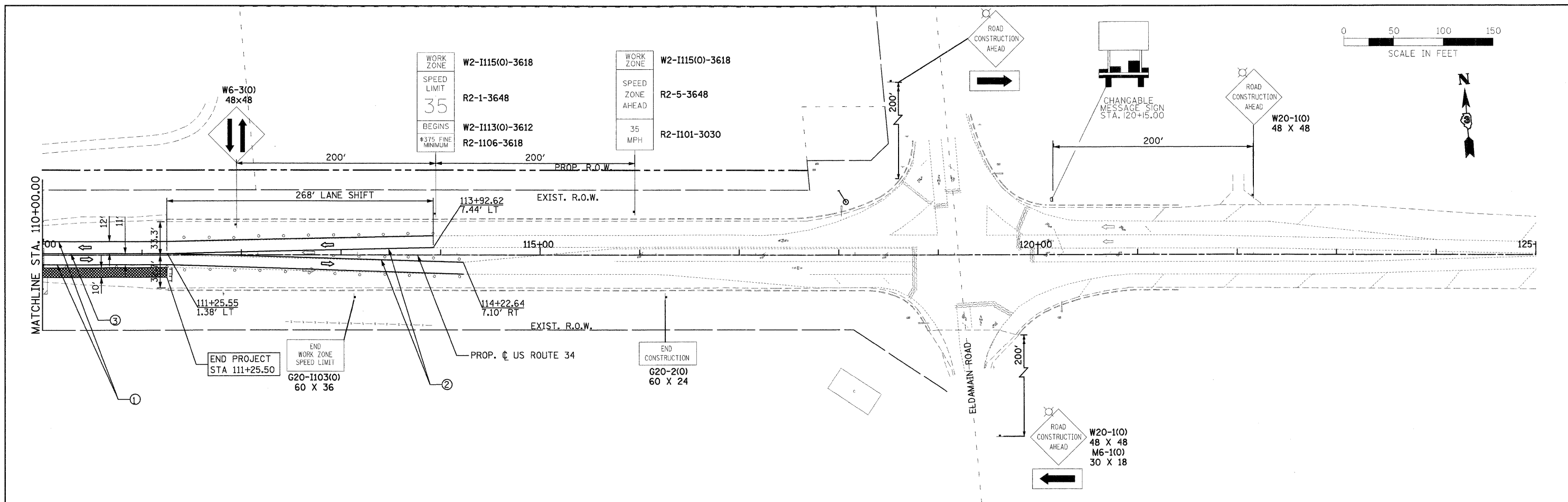
**SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 - STAGE IA**

SCALE: 1" = 50'
MOT - 9 OF 66
STA. 50+00 TO STA. 80+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(0);15R-1	KENDALL	429	97
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

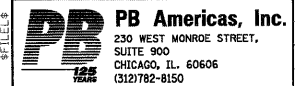


PB Americas, Inc. 230 WEST MONROE STREET, SUITE 900 CHICAGO, IL 60606 (312)782-8150	FILE NAME = 0366985-mot1A04.dgn PLOT SCALE = 50 PLOT DATE = 19-AUG-2011 08:16	DESIGNED - DM DRAWN - MMS CHECKED - KJB DATE - 08-18-2011	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC US ROUTE 34 - STAGE IA	SCALE: 1" = 50' MOT - 10 OF 66 STA. 80+00 TO STA. 110+00	F.A.P. RTE. 591 SECTION 13R-2;14R-1 & BR-1(0);15R-1 COUNTY KENDALL TOTAL SHEETS 429 SHEET NO. 98
	FINAL SUBMITTAL		CONTRACT NO. 66985 ILLINOIS FED. AID PROJECT				



LEGEND

- ① TEMP PVMT MARKING, LINE 4" (WHITE)
- ② TEMP PVMT MARKING, LINE 4" (YELLOW)
- ③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
- ④ TEMP PVMT MARKING, LINE 12" (YELLOW)
- ⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
- ⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
- ⑦ TEMP PVMT MARKING, LINE 24" (WHITE)
- VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
- WORK ZONE
- PAVEMENT PATCHES
- TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"
- TRAFFIC FLOW ARROW
- TEMPORARY CONCRETE BARRIER
- SIGN
- BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN
- BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS
- ARROW BOARD
- IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- TEMPORARY SEEDING
- EROSION CONTROL BLANKET
- SEDIMENTATION BASIN



FILE NAME = D366785-ma12A05.dgn	DESIGNED - DM	REVISED -
PLOT SCALE = 50	DRAWN - MMS	REVISED -
PLOT DATE = 19-AUG-2011 08:16	CHECKED - KJB	REVISED -
	DATE - 08-18-2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC			
US ROUTE 34 - STAGE IA			
SCALE: 1" = 50'	MOT - 11 OF 66	STA. 110+00	TO STA. 125+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	99
FINAL SUBMITTAL			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				

LEGEND

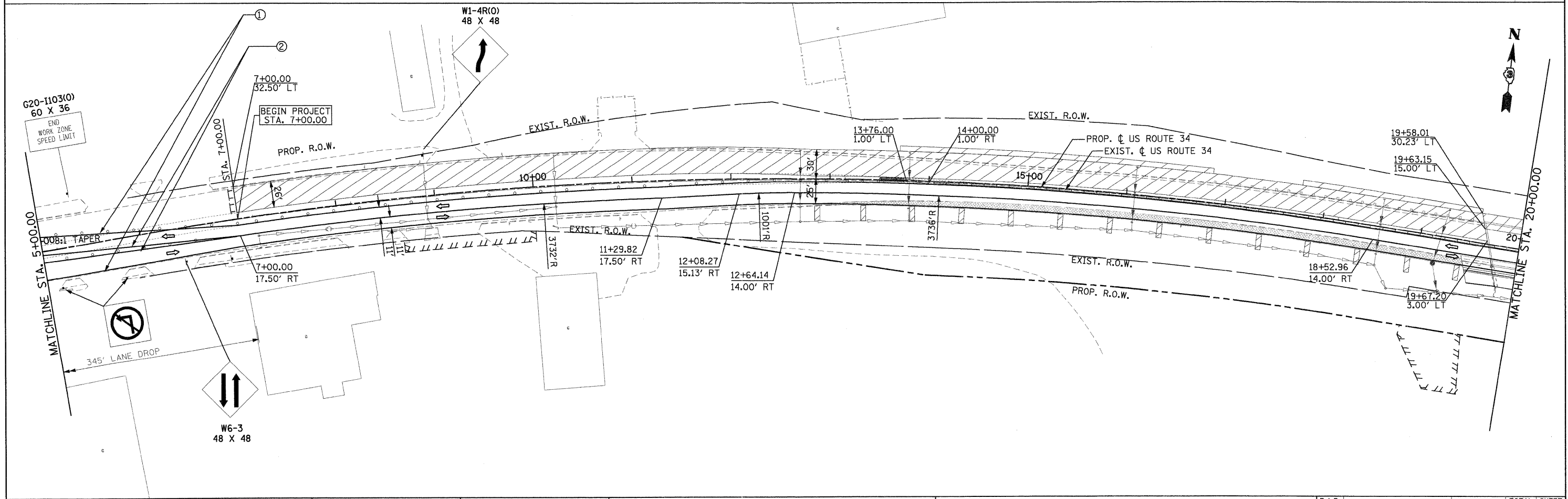
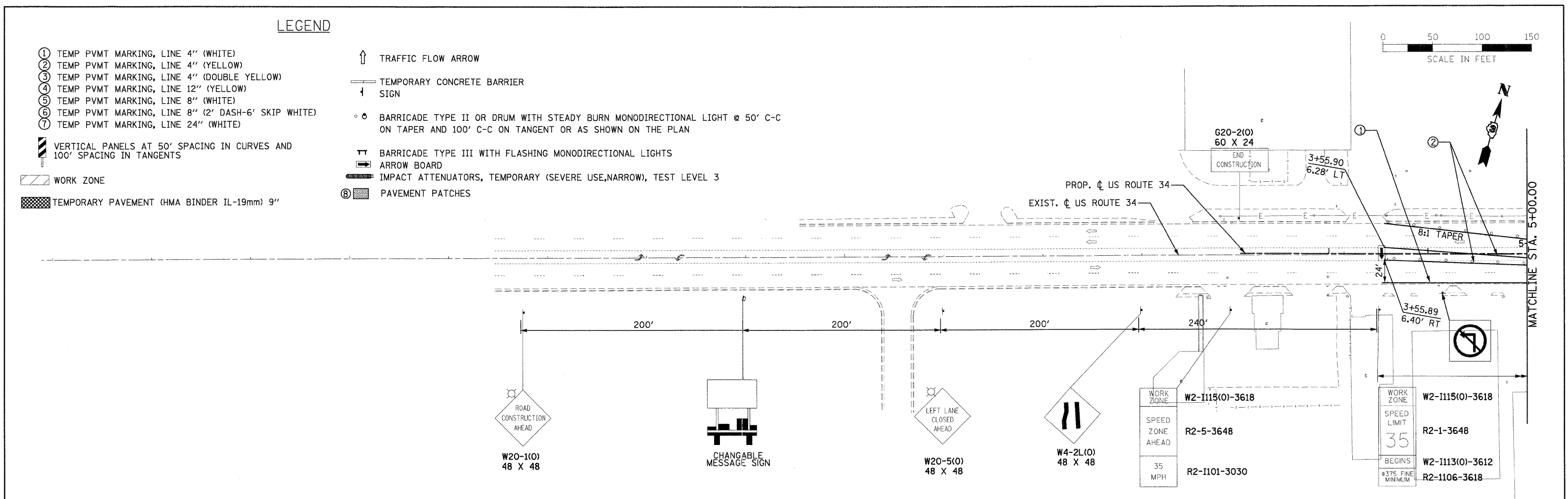
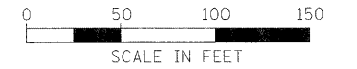
- ① TEMP PVMT MARKING, LINE 4" (WHITE)
- ② TEMP PVMT MARKING, LINE 4" (YELLOW)
- ③ TEMP PVMT MARKING, LINE 4" (DOUBLE YELLOW)
- ④ TEMP PVMT MARKING, LINE 12" (YELLOW)
- ⑤ TEMP PVMT MARKING, LINE 8" (WHITE)
- ⑥ TEMP PVMT MARKING, LINE 8" (2' DASH-6' SKIP WHITE)
- ⑦ TEMP PVMT MARKING, LINE 24" (WHITE)

VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

WORK ZONE

TEMPORARY PAVEMENT (HMA BINDER IL-19mm) 9"

- ↑ TRAFFIC FLOW ARROW
- TEMPORARY CONCRETE BARRIER
- ↑ SIGN
- BARRICADE TYPE II OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 50' C-C ON TAPER AND 100' C-C ON TANGENT OR AS SHOWN ON THE PLAN
- ⊥ BARRICADE TYPE III WITH FLASHING MONODIRECTIONAL LIGHTS
- ARROW BOARD
- ▬ IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3
- Ⓢ PAVEMENT PATCHES



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CHICAGO, IL 60606
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FILE NAME = D366785-mot101.dgn
DESIGNED - DM
DRAWN - MMS
CHECKED - KJB
DATE - 08-18-2011
PLOT SCALE = 5/8"
PLOT DATE = 19-AUG-2011 08:16

DESIGNED - DM
DRAWN - MMS
CHECKED - KJB
DATE - 08-18-2011

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
US ROUTE 34 - STAGE I**
SCALE: 1" = 50'
MOT - 12 OF 66
STA. BEGIN TO STA. 20+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-214R-1 & BR-1(O)15R-1	KENDALL	429	100
FINAL SUBMITTAL				CONTRACT NO. 66985
ILLINOIS FED. AID PROJECT				