

PLANS SENIOR SQUAD LEADER: SAMEER ABDULLAH 815-284-5935
 PROJECT ENGINEER: MASOOD AHMAD 815-284-5510

CONSULTANT: PB AMERICAS, INC. 312-782-8150

FOR INDEX OF SHEETS SEE SHEET NO. 2

PROJECT DESCRIPTION

THE PROPOSED U.S. RTE 20 IMPROVEMENT CONSISTS OF GRADING AND EARTHWORK OPERATIONS NEEDED TO BUILD THE PROPOSED EMBANKMENT FOR THE FUTURE WESTBOUND MAINLINE TRAFFIC LANES. THE WORK FOR THE PROPOSED FRONTAGE ROAD SOUTH OF U.S. RTE 20 WILL INCLUDE THE CONSTRUCTION OF TWO (2) - 11 FOOT LANES AND 6 FOOT OUTSIDE SHOULDERS. THE STRUCTURAL WORK WILL CONSIST OF BUILDING THE SEVEN (7) SPAN PECATONICA RIVER BRIDGE, THE THREE (3) SPAN JANE ADDAMS TRAIL BRIDGE, THE WESTERN TRIBUTARY TRIPLE BOX CULVERT (7' X 9'), AND THE EASTERN TRIBUTARY DUAL 90-INCH PIPE EXTENSION. OTHER PROJECT WORK CONSISTS OF WETLAND IMPROVEMENTS, MEDIAN WORK ALONG IL RTE 26, DITCH GRADING, DRAINAGE IMPROVEMENTS, EROSION CONTROL, LANDSCAPING, DRIVEWAY/ACCESS ROAD CONSTRUCTION, PAVEMENT MARKING, GUARDRAIL INSTALLATION, TRAFFIC CONTROL AND PROTECTION, AND OTHER RELATED ROADWAY ITEMS.

BRIDGE DESCRIPTION

PECATONICA RIVER BRIDGE (SN 089-0082) - NEW PROPOSED SEVEN (7) SPAN BRIDGE CROSSING THE PECATONICA RIVER (STATION 540+59)

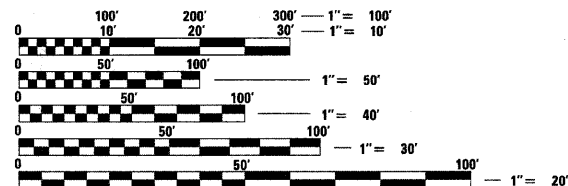
JANE ADDAMS TRAIL BRIDGE (SN 089-0083) - NEW PROPOSED THREE (3) SPAN BRIDGE CROSSING THE JANE ADDAMS TRAIL (STATION 569+90)

DESIGN DESIGNATION

U.S. ROUTE 20:
 ADT = 7,450 (2005)
 ADT = 10,250 (2025)
 DESIGN SPEED = 70 MPH

FRONTAGE ROAD:
 ADT = 300 (2005)
 ADT = 400 (2025)
 DESIGN SPEED = 40 MPH

IL ROUTE 26:
 ADT = 12,700 (2005)
 ADT = 17,200 (2025)
 DESIGN SPEED = 60 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

CONTRACT NO. 64799

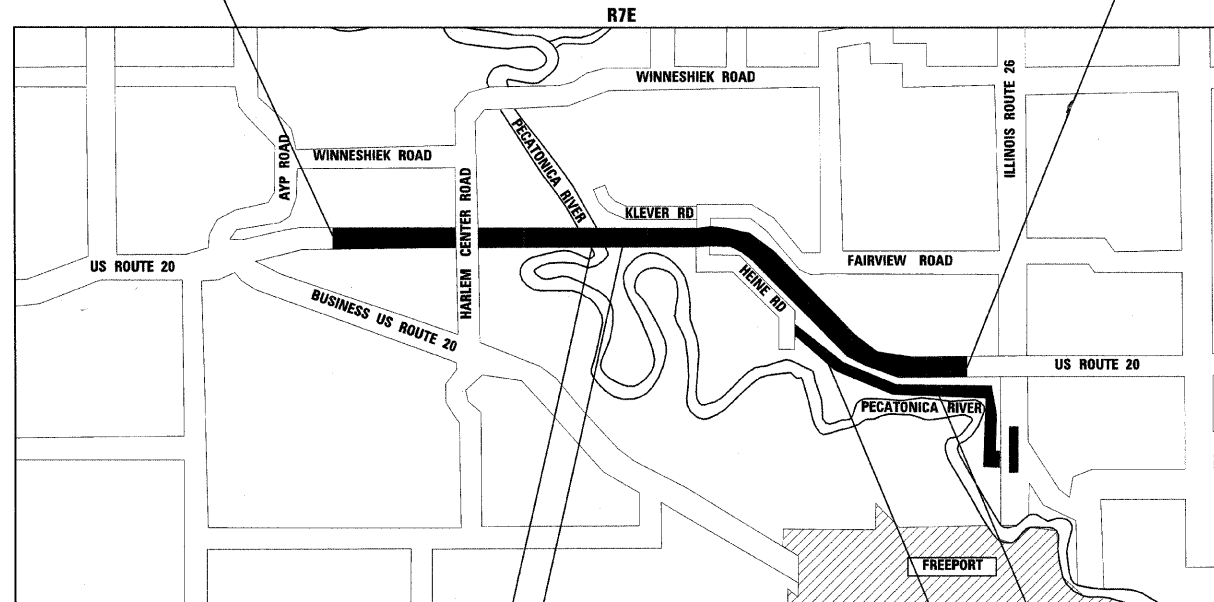
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
 HIGHWAY PLANS**

F.A.P. ROUTE 301 (US RTE.20)
 SECTION 177-2-1A,177-2B-1,177-2VB-1
 EARTHWORK GRADING AND BRIDGES CONSTRUCTION
 PROJECT NO. NHF-TE-0301(066)
 STEPHENSON COUNTY
 C-92-057-06

F.A.P. ROUTE 301 (US ROUTE 20) FREEPORT BYPASS
 SECTION BEGINS STA. 466+11.08

F.A.P. ROUTE 301 (US ROUTE 20) FREEPORT BYPASS
 SECTION ENDS STA. 639+91.09



US ROUTE 20 OVER
 THE PECATONICA RIVER
 PROPOSED S.N. 089-0082

US ROUTE 20 OVER
 THE JANE ADDAMS TRAIL
 PROPOSED S.N. 089-0083

LOCATION MAP
 APPROXIMATE SCALE
 TOWNSHIP: HARLEM
 SECTIONS 14, 15, 16, 23, AND 24
 SECTION 177-2-1A,177-2B-1,177-2VB-1

FRONTAGE ROAD OVER UNNAMED
 "EASTERN" TRIB. TO PECATONICA RIVER
 SN: 089-2025

FRONTAGE ROAD OVER UNNAMED
 "WESTERN" TRIB. TO PECATONICA RIVER
 SN: 089-2018

(US ROUTE 20) GROSS AND NET LENGTH OF PROJECT = 17,380 FT = 3.29 MI
 (FRONTAGE ROAD) GROSS AND NET LENGTH OF PROJECT = 8,657 FT = 1.64 MI
 TOTAL NET LENGTH OF PROJECT = 26,037 FT = 4.93 MI



Jamal Grainawi
 JAMAL GRAINAWI, S.E., P.E.
 LICENSE NO.: 81-5161
 EXPIRES: November 30, 2010
 DATE:



David V. Skaleski
 DAVID V. SKALESKI, P.E.
 LICENSE NO. 062-046611
 EXPIRES: November 30, 2011
 DATE:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-A, B-1, VB-1)	STEPHENSON	386	1

CONTRACT #64799

D-92-029-02



LOCATION OF SECTION INDICATED THUS: - [thick black line] -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED JAN 26 20 10

George F. Ryan
 DISTRICT ENGINEER

March 19, 2010
 Scott E. Stitt, P.E./R
 acting ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2010
 Christine M. Reed, R
 DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS
 FINAL

STEPHENSON COUNTY

SECTION 177-2-1A,177-2B-1,177-2VB-1

JANUARY 22, 2010

DISTRICT 2
 DIXON, IL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799				

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001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
482001-02	BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
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542206-01	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 42" THRU 60" DIA., SKEWED WITH ROADWAY
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
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601001-03	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602306-02	INLET - TYPE B
602401-02	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604101-01	MEDIAN INLET FOR 24" REINFORCED CONCRETE PIPE
604106-01	MEDIAN NLET FOR 36" REINFORCED CONCRETE PIPE
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606006-02	OUTLETS FOR CONC. CURB AND GUTTER TYPE B-6.24
606301-04	PC CONCRETE ISLANDS AND MEDIANS
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701301-03	LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > OR = 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701326-03	LANE CLOSURE 2L, 2W - PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH
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701422-02	LANE CLOSURE MULTILANE, FOR SPEEDS > OR = 45 MPH TO 55 MPH
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701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

INDEX OF SHEETS AND
STATE STANDARDS

SCALE: NONE
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH



GENERAL NOTES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02 CONTRACT *64799				

1. SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.
2. AT THE LOCATIONS WHERE EXCAVATION QUANTITIES ON THE PLANS ARE INDICATED AS HAVING BEEN ESTIMATED, THE ENGINEER WILL OBTAIN ORIGINAL AND FINAL CROSS SECTIONS TO DETERMINE PAY QUANTITIES.

- 3. THE REMOVAL OF BITUMINOUS SURFACING NOT ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE REMOVED AS EARTH EXCAVATION. THE REMOVAL OF BITUMINOUS SURFACING ON A RIGID TYPE BASE REMOVED IN CONJUNCTION WITH THE BASE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL OF THE TYPE SPECIFIED.

4. THE FINAL TOP 100 MM (FOUR INCHES) OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2 FEET DEEP) OF SOIL PROFILES OF LOCAL SOILS
5. IT IS ESTIMATED THAT 12,511 CUBIC YARDS OF EARTH WILL BE HAULED TO THE JOB FROM OUTSIDE THE PROJECT LIMITS. A SHRINKAGE FACTOR OF 25% HAS BEEN USED.
6. THE TOPSOIL EXCAVATION QUANTITIES HAVE BEEN ADJUSTED TO ALLOW FOR 25% SHRINKAGE OF TOPSOIL BETWEEN REMOVAL AND REPLACEMENT.
7. ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.
8. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 4 OR 2A SHALL BE USED, EXCEPT IN FRONT OF PROPERTIES WHERE THE GRASS WILL BE MOWED, THEN USE SEEDING CLASS 1. CLASS 2A SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS. CLASS 4 SHALL BE USED BEHIND TYPE A GUTTER, ON ALL BACKSLOPES AND AREAS BEHIND THE BACKSLOPE, AND BEYOND THE TOE OF FRONT SLOPE ON FILL SECTIONS WITHOUT DITCHES.
9. MULCH ON TEMPORARY EROSION CONTROL SEEDING SHALL BE MULCH METHOD 2.
10. PREVIOUSLY PUGMILLED STOCKPILES OF TYPE A OLDER THAN 1 MONTH WILL NOT BE APPROVED FOR USE UNTIL A MOISTURE CHECK IS RUN TO VERIFY MOISTURE CONTENT. MATERIAL SHIPPED TO PROJECTS WITHOUT BEING TESTED WILL NOT BE ACCEPTED.
11. EXCEPT FOR THE TOP 3", ALL AGGREGATE BASES AND SUBBASES 12" IN THICKNESS SHALL BE CONSTRUCTED OF AGGREGATE GRADATION CA-2. IF THE SPECIFIED THICKNESS EXCEEDS 12", THE BASES OR SUBBASES SHALL BE CONSTRUCTED OF TOPSIZE 6" BREAKER-RUN CRUSHED STONE WITH 70% TO 90% BY WEIGHT, PASSING THE 4" SIEVE AND 15% TO 40% BY WEIGHT, PASSING THE 2" SIZE SIEVE, EXCEPT FOR THE TOP 3". THE BREAKER-RUN CRUSHED STONE SHALL BE REASONABLY UNIFORMLY GRADED FROM COARSE TO FINE AND BE TAKEN FROM A QUARRY LEDGE CAPABLE OF PRODUCING CLASS "D" QUALITY AGGREGATE. THE TOP 3" SHALL BE GRADATION CA-6 OR CA 10 REGARDLESS OF THICKNESS. THE WATER NECESSARY TO ACHIEVE COMPACTION IN ALL BUT THE TOP 3" LAYER MAY BE ADDED AFTER THE SUBBASE OR BASE COURSE IS PLACED ON THE GRADE.
12. ALL EMBANKMENT CONSTRUCTED OF COHESIVE SOIL SHALL BE CONSTRUCTED WITH NOT MORE THAN 110% OF OPTIMUM MOISTURE CONTENT, DETERMINED BY THE STANDARD PROCTOR TEST. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE #200 SIEVE. THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.
13. AT BRIDGE EXPANSION JOINTS, IF TEMPORARY EXPANSION JOINT BULKHEADS ARE ATTACHED TO ADJACENT DECK SLABS OR ABUTMENTS FOR SUPPORT, THE CONTRACTOR SHALL CUT THE ATTACHMENTS AS SOON AS THE CONCRETE HAS SET TO PREVENT JOINT DAMAGE DUE TO HORIZONTAL CONTRACTION OR EXPANSION.
14. REFLECTOR MARKERS TYPE B SHALL BE INSTALLED ON THE TOP OF BRIDGE PARAPET WALLS. THE MARKERS SHALL BE ACCORDING TO STANDARD 635011 AND THE COLOR AND SPACING ACCORDING TO STANDARD 635006, EXCEPT THE MINIMUM IS 2 PER SIDE.

15. THE BORING LOGS FOR THE PROPOSED WESTERN TRIB. STRUCTURE (S.N. 089-2018) INDICATE THAT GROUNDWATER LEVELS MAY ENCRoACH ON THE CONSTRUCTION LIMITS OF THIS CULVERT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL THE GROUND WATER AND DIVERT THE STREAM FLOW DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREA FREE OF WATER. THE METHOD OF CONTROLLING THE WATER SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER AND THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE BOX CULVERTS.

16. CULVERT & BRIDGE FLOWS MUST BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOW SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOBSITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.
17. A PRECAST BOX CULVERT IS NOT AN OPTION ON THE PROJECT DUE TO SOIL CONDITIONS.
18. THE PROPOSED PIPES FOR ENTRANCES AND SIDE ROADS SHALL BE PLACED IN LINE WITH THE EXISTING OR PROPOSED DITCH LINE.
19. THE CONTRACTOR SHALL STRAIGHTEN OR CUT OFF THE ENDS OF EXISTING ENTRANCE CULVERTS THAT WILL HAVE NEW METAL END SECTIONS INSTALLED. THE COST OF THIS WILL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR END SECTIONS OF THE SIZE SPECIFIED.
20. CONNECTING BANDS FOR CORRUGATED METAL PIPES SHALL BE METAL AND SHALL BE COATED WITH THE SAME MATERIAL AS THE PIPE SECTIONS. THE CONNECTING BANDS SHALL BE A MINIMUM OF 18" WIDE.

- 21. IT IS ANTICIPATED THAT SEVERAL MAILBOXES WILL REQUIRE RELOCATION TO THE APPROACH SIDE OF THE ENTRANCES. WHEN THIS IS DONE, THE CONTRACTOR SHALL BE REQUIRED TO MOUNT THE MAILBOX ON A 4" X 4" WOOD POST 40 INCHES ABOVE THE SHOULDER SURFACE AND EXTENDING TO A MINIMUM OF 24 INCHES INTO THE EMBANKMENT. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE EARTH EXCAVATION. THERE ARE AN ESTIMATED 7 MAILBOXES TO BE RELOCATED.

22. THE CONTRACTOR SHALL INSTALL 18" DIAMETER FORMED OPENINGS IN THE CONCRETE MEDIAN SURFACE, SPACED AT INTERVALS NO GREATER THAN 250 FEET, AND/OR AS DIRECTED BY THE ENGINEER. ALL EXISTING PAVEMENT SURFACES OR OTHER EXISTING OBSTRUCTIONS BENEATH THESE OPENINGS SHALL BE REMOVED BY THE CONTRACTOR. AFTER THE MEDIAN IS IN PLACE, CORE EACH OPENING DOWN 4 FEET AND FILL WITH DIRT. ALL COSTS INCURRED SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR CONCRETE MEDIAN SURFACE, 4 INCH.
23. LATERAL DISTANCES FROM THE CENTERLINE ON ALL INLETS ARE TO THE FACE OF THE INLET.

- 24. THE NEW MANHOLE LIDS ON THIS PROJECT SHALL HAVE THE WORD "STORM", "SANITARY", OR "WATER" ON THE LID. THE WORD TO BE USED IS NOTED ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE WORD TO BE USED ON OTHER LIDS NOT NOTED ON THE PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.

25. ALL PROPOSED MANHOLES ON THIS PROJECT SHALL BE CAST IN PLACE OR PRECAST. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR MANHOLE OF THE TYPE AND SIZE SPECIFIED.
26. THE CONTRACTOR SHALL DETERMINE FLOWLINES OF EXISTING SEWER LINES WHICH ARE SHOWN ON THE PLANS AS ESTIMATED OR UNKNOWN. THIS INFORMATION IS NECESSARY BEFORE ORDERING INLETS AND MANHOLES.
27. WHERE FIELD TILE IS ENCOUNTERED, STORM SEWER OR PIPE DRAIN WILL BE USED IN ACCORDANCE WITH SECTION 611. THE MINIMUM SIZE FOR REPLACEMENT WILL BE 6" FOR PIPE DRAINS AND 8" FOR STORM SEWER, BUT THE SIZE MUST BE AT LEAST 2" LARGER THAN THE ADJOINING TILE. A FIELD TILE JUNCTION VAULT WILL BE CONSTRUCTED AT THE RIGHT OF WAY TO CONNECT THE TILE AND STORM SEWER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE DRAINS AND STORM SEWER OF THE SIZE AND TYPE SPECIFIED AND PER EACH FOR FIELD TILE JUNCTION VAULTS.

INCIDENTAL ITEMS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

GENERAL NOTES

SCALE: NONE
DATE: 01-22-10
DRAWN BY SJV
CHECKED BY RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799				

GENERAL NOTES (CONTINUED)

28. THE UNDERDRAIN SYSTEM SCHEDULED ON THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH SECTION 601 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, EXCEPT WHEN THE RECURRING SPECIAL PROVISION PIPE UNDERDRAINS IS INCLUDED, THE FABRIC ENVELOPE ENCASUREMENT OF THE PIPE SHALL BE OMITTED.
29. THE EXCAVATED MATERIALS FROM EARTH EXCAVATION WIDENING, GRADING AND SHAPING DITCHES, AND EXCAVATING AND GRADING SHOULDERS SHALL BE USED TO BUILD UP THE SHOULDER THROUGHOUT THE JOB TO CONFORM WITH THE TYPICAL SECTIONS AND SHOULDER WIDENING FOR TERMINALS AS SHOWN ON THE PLANS.
30. THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT) OR STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE I SPECIAL (FLARED).
31. ONE 16D GALVANIZED NAIL SHALL BE USED TO TOE NAIL THE WOOD BLOCK OUT TO THE WOOD POST ON ALL TRAFFIC BARRIER TERMINAL TYPE I SPECIALS.
32. DELINEATORS SHALL BE INSTALLED AS SHOWN IN STANDARD 635001, EXCEPT THAT THE POST SHALL BE ROTATED 180° AND ONLY METAL BACKED DELINEATORS SHALL BE PERMITTED.
33. DELINEATORS SHALL BE PLACED AT THE ENDS OF APPROACH GUARDRAIL TERMINAL SECTIONS, AND AT EACH HEADWALL OR END SECTION OF AR CULVERTS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR DELINEATORS.
34. PAVEMENT MARKING SHALL BE DONE ACCORDING TO STANDARD 780001, EXCEPT AS FOLLOWS:
1. ALL WORDS, SUCH AS ONLY, SHALL BE 8 FEET HIGH.
 2. ALL NON-FREEWAY ARROWS SHALL BE THE LARGE SIZE.
 3. THE DISTANCE BETWEEN YELLOW NO-PASSING LINES SHALL BE 8", NOT 7" AS SHOWN IN THE DETAIL OF TYPICAL LANE AND EDGE LINES.
35. PERMANENT SURVEY MARKERS, TYPE II SHALL BE CAST-IN-PLACE AS SHOWN ON HIGHWAY STANDARD 66.2. THE BOTTOM OF THE MARKER SHALL BE 5'-0" BELOW THE GROUND SURFACE.
36. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE SURVEY CREW.
37. THE CONTRACTOR SHALL BEGIN FENCE ERECTION AS SOON AS CLEARING OPERATIONS PERMIT. BEFORE REMOVING EXISTING FENCE FROM AN AREA THAT CONTAINS LIVESTOCK, THE CONTRACTOR SHALL ERECT, ALONG THE PROPOSED RIGHT OF WAY LINES, A TEMPORARY FENCE OR FENCE MEETING THE APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL CONCENTRATE HIS PERMANENT FENCING OPERATIONS AT THESE LOCATIONS AND AT OTHER SPECIFIC LOCATIONS AS DIRECTED BY THE ENGINEER. THE COST OF ARRANGING WORK AS HEREIN SPECIFIED AND ERECTING ANY TEMPORARY FENCING WILL NOT BE PAID FOR AS A SEPARATE ITEM BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR WOVEN WIRE FENCE AND/OR CHAIN LINK FENCE.
38. TREE PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ARCHITECT. MULCH SHALL BE PLACED 4" THICK AND TO THE DIAMETER AROUND THE TREE AS SHOWN ON DISTRICT STANDARD 92.1. THE MULCH SHALL BE HARDWOOD WOOD CHIPS PLACED ON WEED BARRIER FABRIC. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TREE.
39. ALL GUTTER OUTLETS SHALL BE EXTENDED TO DITCH FLOW AS DIRECTED BY THE ENGINEER.
40. RIGHT-OF-WAY MARKERS WILL BE ERECTED WITH THE BACK FACE OF THE MARKER ON THE RIGHT-OF-WAY LINE UNLESS THE NEW RIGHT-OF-WAY LINE HAS BEEN SURVEYED AND PINNED, IN WHICH INSTANCE THE RIGHT-OF-WAY MARKERS WILL BE ERECTED 12 INCHES INSIDE THE NEW RIGHT-OF-WAY LINE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR FURNISHING AND ERECTING RIGHT OF WAY MARKERS.

41. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

MR. DAVE SCHACHT COMMONWEALTH EDISON 123 ENERGY AVENUE ROCKFORD, IL 61109 (630) 437-2129	MR. KALIN HINSHAW VERIZON 112 WEST ELM STREET SYCAMORE, IL 60178 (815) 895-1515
MS. DENISE BLAKELEY CITY OF FREEPORT 230 W STEPHENSON ST FREEPORT, IL 61021 (815) 233-0111	MS. CONSTANCE LANE NICOR GAS CO. 1844 FERRY ROAD NAPERVILLE, IL 60563-9600 (630) 983-8676
MR. PAUL BAUMAN MCLEOD USA 900 COMMERCE DR STE 203 OAK BROOK, IL 60523 (217) 525-0078	MR. MIKE OWENS INSIGHT COMMUNICATIONS 4450 KISHWAUKEE ST. ROCKFORD, IL 61109 (815) 962-4400

FOLLOWING ARE THE KNOWN UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS WHICH ARE NOT MEMBERS OF JULIE AND SHOULD BE NOTIFIED INDIVIDUALLY BY THE CONTRACTOR:

MR. MIKE OWENS INSIGHT COMMUNICATIONS 4450 KISHWAUKEE ST. ROCKFORD, IL 61109 (815) 962-4400	MR. KYLE LORENZ IDOT-DISTRICT 2 819 DEPOT AVE DIXON, IL 61021 (815) 284-5469
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42. THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.

43. PER SB 699 (90 DAY UTILITY RELOCATION LAW), ONCE RIGHT-OF-WAY IS CLEAR TO AWARD THE PROJECT, A NOTICE WILL BE SENT TO THE UTILITY COMPANIES INSTRUCTING THEM TO HAVE THEIR FACILITIES RELOCATED WITHIN 90 DAYS. ESTIMATED DATE . . . RELOCATION COMPLETE = LETTING DATE + 135 DAYS.
44. CADD DATA WILL BE AVAILABLE TO CONTRACTORS AND CONSULTANTS WORKING ON THIS PROJECT. THIS INFORMATION WILL BE PROVIDED UPON REQUEST AS MICROSTATION CADD FILES AND GEOPAK COORDINATE GEOMETRY FILES ONLY. IF DATA IS REQUIRED IN OTHER FORMATS IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THESE CONVERSIONS. IF ANY DISCREPANCY OR INCONSISTENCY ARISES BETWEEN THE ELECTRONIC DATA AND THE INFORMATION ON THE HARD COPY, THE INFORMATION ON THE HARD COPY SHOULD BE USED. CONTACT THE DISTRICT PROJECT ENGINEER TO REQUEST THESE FILES.

45. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE MUNICIPALITY TO DETERMINE APPROVED METHODS OF UTILITY STRUCTURE ADJUSTMENT. UTILITY STRUCTURES MAY INCLUDE, BUT ARE NOT LIMITED TO, MANHOLES, WATER VALVES, HANDHOLES, ETC. ALL MATERIALS AND WORK NECESSARY TO COMPLETE ADJUSTMENTS PER MUNICIPALITY REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ASSOCIATED ADJUSTMENT PAY ITEM.

INCIDENTAL ITEMS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

GENERAL NOTES

SCALE: NONE
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH

GENERAL NOTES (CONTINUED)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02 CONTRACT #64799				

46. ALL ELEVATIONS SHOWN ON THE PLANS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

47. THE EXISTING HOT-MIX ASPHALT ON PRIVATE AND COMMERCIAL ENTRANCES SHALL BE BLADED OFF OR MILLED AND DISPOSED OF OUTSIDE OF THE PROJECT LIMITS. THE COST OF THE BLADING, MILLING, ROLLING, AND DISPOSAL IS INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT REMOVAL.

48. THE CONTRACTOR SHALL REMOVE ALL ENTRANCE CULVERTS IN CONDITION FOR REUSE WHICH ARE NOT TO BE LEFT IN PLACE. THEY SHALL BE CLEANED AND STORED ALONG THE RIGHT OF WAY AS DIRECTED. IN NO CASE SHALL THEY BE ROUGHLY HANDLED OR SHAVED BY HEAVY MACHINERY. UNUSABLE MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE. COST OF THE WORK TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVING EXISTING CULVERTS.

49. PLACEMENT AND COMPACTION OF TRENCH BACKFILL FOR AR CULVERTS SHALL CONFORM TO SECTION 502.10 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% OF STANDARD LABORATORY DENSITY. THE ENTIRE EXCAVATION WITHIN 2 FT. OUTSIDE OF EACH SHOULDER SHALL BE BACKFILLED WITH TRENCH BACKFILL MATERIAL. THE PAY LIMITS FOR TRENCH BACKFILL SHALL EXTEND FROM 2 FT. OUTSIDE EACH VERTICAL CULVERT WALL AT THE BASE OF THE CULVERT FLOOR AND SHALL EXTEND VERTICALLY TO THE BOTTOM OF THE PROPOSED SUBGRADE. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE PER CUBIC YARD FOR TRENCH BACKFILL.

50. ALL FRAMES AND GRATES OF DRAINAGE STRUCTURES TO BE REMOVED OR FILLED SHALL BE CAREFULLY SALVAGED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

51. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING MATERIAL AND STARTING CONSTRUCTION. ANY QUANTITY ADJUSTMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND MEET WITH HIS/HER APPROVAL. VARIATIONS IN QUANTITIES SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION. HOWEVER, THE CONTRACTOR WILL BE PAID AT THE CONTRACT UNIT PRICE FOR THE WORK COMPLETED.

52. ALL UNDERGROUND WORK INCLUDING STORM SEWERS AND OTHER UTILITY ADJUSTMENTS SHALL BE DONE PRIOR TO SUBGRADE AND PAVING WORK.

53. ANY ITEM THAT IS DAMAGED DUE TO THE CONTRACTOR'S NEGLIGENCE, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

54. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM SEWER FLOWS MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

55. ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE DEPARTMENT.

56. SAW CUTTING SHOWN ON THE PLANS SHALL BE INCLUDED IN THE COST OF THE ADJACENT REMOVAL ITEM.

57. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

58. EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION, BUT NOT SHOWN TO BE REMOVED IN THE PLANS, SHALL BE REPLACED OR REPAIRED AT NO COST TO THE DEPARTMENT.

59. THE REMOVAL OF SILT TO MAINTAIN SILT FILTER FENCE WILL BE PAID FOR ACCORDING TO THE RECURRING SPECIAL PROVISION OF EROSION CONTROL.

60. AN INDIVIDUAL 404 PERMIT HAS BEEN ISSUED FOR THIS PROJECT AND THE CONDITIONS OF THAT PERMIT MUST BE ADHERED TO.

61. THE STRUCTURE NUMBERS FOR THIS PROJECT ARE AS FOLLOWS:
 FRONTAGE ROAD OVER "WESTERN" TRIBUTARY TO PECATONICA RIVER SN:089-2018
 FRONTAGE ROAD OVER "EASTERN" TRIBUTARY TO PECATONICA RIVER SN: 089-2025
 WESTBOUND U.S. 20 OVER PECATONICA RIVER SN: 089-0082
 WESTBOUND U.S. 20 OVER JANE ADDAMS TRAIL SN: 089-0083

62. TIE BARS SHALL BE INSTALLED TO TIE PCC APPURTENANCE TO ADJACENT EXISTING CONCRETE

TIE THE FOLLOWING TO THE	LENGTH, SIZE, AND SPACING OF TIE BARS
GUTTER OR CURB & GUTTER STD.	600 MM (24") LONG NO. 20 (NO. 6) @ 600 MM (24") CENTERS
PCC BASE COURSE STD. 353001	600 MM (24") LONG NO. 20 (NO. 6) @ 750 MM (30") CENTERS
PCC PAVEMENT STD. 420101	600 MM (24") LONG NO. 20 (NO. 6) @ 750 MM (30") CENTERS

63. TIE BARS TO BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 420.10(B) OF THE STANDARD SPECIFICATIONS. SEE HIGHWAY STANDARD 420001 FOR DETAIL ON LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE TIE BAR. THE COST OF THE TIE BARS TO BE INCLUDED IN THE COST OF THE PCC APPURTENANCE ADJACENT TO THE EXISTING PAVEMENT.

INCIDENTAL ITEMS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

GENERAL NOTES

SCALE:
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH

GENERAL NOTES (CONTINUED)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799				

64. THE CONTRACTOR SHALL CLEAN OUT ALL AR CULVERTS AND STREAM FLOWS TO THE RIGHT OF WAY LINES ON THE ENTIRE SECTION. THE COST SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CULVERT TO BE CLEANED.
65. AGGREGATE BASE COURSE, TYPE B, IS PROVIDED IN THE PLAN QUANTITIES AND SHALL BE USED ONLY AS NEEDED WHEN DIRECTED BY THE ENGINEER.
66. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRECONSTRUCTION CONFERENCE.
67. THE LOCATIONS OF ALL EXISTING UTILITIES ARE SHOWN ON THE PLANS FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT FIELD LOCATION OF ALL UTILITIES PRIOR TO START OF WORK, AND FOR REPAIRING AND/OR REPLACING ANY UTILITIES DAMAGED BY HIM/HER AT NO ADDITIONAL COST TO THE PROJECT.
68. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES.
69. THE PLANS, CROSS SECTIONS AND PROFILES SPECIFY THE FINISHED PGL ELEVATION. HOWEVER A SETTLEMENT OF AS MUCH AS 12" IS ANTICIPATED AT SOME LOCATIONS.
70. AT THE FOLLOWING LOCATIONS ALONG THE FRONTAGE ROAD THE CONTRACTOR WILL CONSTRUCT A 3' THICK LAYER OF SHOT ROCK EXCAVATED FROM THE ROCK CUTS TO BEGIN CONSTRUCTION OF THE EMBANKMENTS:
- STATION 97+50 TO 99+00
STATION 129+50 TO 131+50
STATION 147+00 TO 160+00
71. AT THE ROCK CUT LOCATIONS ALONG THE FRONTAGE ROAD, THE AGGREGATE THICKNESS SHALL BE REDUCED TO 6 INCHES IN THE COMPETENT BEDROCK ZONE. A THICKER AGGREGATE SECTION WILL BE PROVIDED ADJACENT TO THE BEDROCK, AND SHALL BE CONSTRUCTED OF QUARRY RUN GRANULAR EMBANKMENT, WITH A DRAIN LOCATED AT THE LOW POINT. THE FOLLOWING AREAS ARE ANTICIPATED TO REQUIRE THIS TREATMENT:
- | | |
|--------------------------|----------------------|
| STATION 123+50 TO 124+50 | 18 INCHES WITH DRAIN |
| STATION 124+50 TO 126+50 | 6 INCHES |
| STATION 126+50 TO 127+50 | 18 INCHES WITH DRAIN |
| STATION 132+50 TO 133+50 | 18 INCHES WITH DRAIN |
| STATION 133+50 TO 142+00 | 6 INCHES |
| STATION 142+00 TO 143+00 | 18 INCHES WITH DRAIN |
- IN ADDITION, THE FOLLOWING AREAS SHALL REQUIRE THICKER AGGREGATE DEPTHS DUE TO SOFT SUBGRADE SOIL CONDITIONS:
- | | |
|--------------------------|-----------|
| STATION 94+40 TO 97+50 | 18 INCHES |
| STATION 175+00 TO 182+00 | 18 INCHES |
- THE FINAL LOCATIONS AND THICKNESSES SHOULD BE VERIFIED DURING CONSTRUCTION IN ACCORDANCE WITH THE SUBGRADE STABILITY MANUAL, FOLLOWING PROCESSING ACCORDING TO ARTICLE 301 OF THE STANDARD SPECIFICATIONS.

72. SUBBASE DRAINS WILL BE INCLUDED AT 250' INTERVALS THROUGHOUT THE FRONTAGE ROAD. SEE SCHEDULE OF QUANTITIES FOR LOCATIONS.
73. 6 INCHES OF COHESIVE/TOPSOIL WILL BE PROVIDED FOR ALL FILL SECTIONS ALONG THE FRONTAGE ROAD, AND SIX INCHES OF TOPSOIL IN ALL CUT LOCATIONS. 12" OF COHESIVE/TOPSOIL WILL BE PROVIDED FOR ALL ROCK CUT DITCH BOTTOMS.
74. AT THE FOLLOWING LOCATIONS ON THE US 20 WESTBOUND LANES GRADING WILL ALLOW FOR VARYING SUBBASE DEPTHS. THE FINAL GRADE SHOWN ON THE CROSS SECTIONS REFLECTS THESE VARIATIONS IN SUBBASE THICKNESS.
- | | |
|--------------------------|-----------------------|
| STATION 478+50 TO 480+50 | 24 INCH THICK SUBBASE |
| STATION 486+00 TO 491+00 | 24 INCH THICK SUBBASE |
| STATION 499+50 TO 502+50 | 24 INCH THICK SUBBASE |
| STATION 520+00 TO 521+50 | 24 INCH THICK SUBBASE |
| STATION 577+50 TO 585+50 | 6 INCH THICK SUBBASE |
| STATION 633+00 TO 639+00 | 6 INCH THICK SUBBASE |
75. AT THE FOLLOWING LOCATIONS ON THE US 20 WESTBOUND LANES, A ROCK BLANKET WILL BE INSTALLED BELOW THE EMBANKMENT. ROCK BLANKET LOCATIONS AND DEPTHS ARE ALSO SHOWN ON THE CROSS SECTIONS AND TYPICAL SECTIONS:
- | | |
|--------------------------|------------------------------|
| STATION 521+50 TO 537+00 | 36 INCH ROCK BLANKET |
| STATION 571+00 TO 576+00 | REMOVE AND REPLACE 36 INCHES |
| STATION 590+00 TO 594+50 | 36 INCH ROCK BLANKET |
| STATION 599+00 TO 607+00 | 24 INCHES IN DITCH |
| STATION 620+00 TO 622+00 | 24 INCHES IN DITCH |
76. AT THE FOLLOWING LOCATIONS ON THE US 20 WESTBOUND LANES TOPSOIL EXCAVATION IS AVAILABLE:
- | | |
|--------------------------|---------------|
| STATION 470+00 TO 504+00 | 24 INCH DEPTH |
| STATION 558+00 TO 576+00 | 24 INCH DEPTH |
| STATION 604+00 TO 611+00 | 24 INCH DEPTH |
| STATION 614+00 TO 618+00 | 24 INCH DEPTH |
- TOPSOIL PLACEMENT OF 6 INCHES IN DEPTH WILL BE MADE AT THE FOLLOWING LOCATIONS ON THE US 20 WESTBOUND LANES:
- | | |
|--------------------------|------------|
| STATION 577+00 TO 585+50 | ROCK CUT |
| STATION 611+00 TO 614+00 | SANDY LOAM |
| STATION 625+00 TO 627+00 | SANDY LOAM |
| STATION 633+00 TO 639+00 | ROCK CUT |



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

GENERAL NOTES

SCALE: DATE: 01-22-10

DRAWN BY: AJP
CHECKED BY: RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02 CONTRACT #64799				

GENERAL NOTES (CONTINUED)

77. TO MINIMIZE IMPACTS TO WETLANDS ADJACENT TO THE PROJECT 1:2 SLOPES ARE SHOWN IN SOME AREAS. TO MINIMIZE SLOPE STABILITY ISSUES, THE CONTRACTOR WILL INSTALL THE FOLLOWING COUNTERMEASURES. THESE COUNTERMEASURES ARE ALSO SHOWN IN THE CROSS SECTIONS AND TYPICAL SECTIONS.

STATION 544+00 TO 558+00	NO TREATMENT. ANTICIPATE 12" SETTLEMENT.
STATION 558+00 TO 559+00	10' X 20' ROCK KEYWAY
STATION 559+00 TO 566+00	TAPER TO 14' X 35' ROCK KEYWAY
STATION 566+00 TO 570+00	14' X 35' ROCK KEYWAY
STATION 571+00 TO 576+00	REMOVE 3' OF SOFT COHESIVE SOIL AND REPLACE WITH 3' OF QUARRY RUN GRANULAR EMBANKMENT.

THE BACK FILL MAY BE ROCK EXCAVATION OR QUARRY RUN GRANULAR EMBANKMENT. THE EXCAVATION AND BACKFILL MUST BE STAGED SO THAT NO MORE THAN 50' IS EXPOSED AT ANY TIME. THE SLOPES MUST BE BENCHED AS THEY ARE WIDENED TO ENSURE STABILITY. SEE TYPICAL SECTIONS FOR BENCHING DETAIL.

78. PRESPLITTING OF ROCK SLOPES WILL BE REQUIRED. THE TOP OF THE ROCK SLOPE WILL BE ESTABLISHED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL EMPLOY THE PRESPLITTING TECHNIQUE TO SPLIT THE FACE OF THE ROCK CUT IN A RELATIVELY SMOOTH PLANE ALONG THE DESIRED SLOPE.
79. WHEN AVAILABLE ROCK EXCAVATION WILL BE UTILIZED FIRST FOR ALL FILLS, EMBANKMENTS, ROCK KEYWAYS, ROCK BLANKETS, AND AGGREGATE SUBGRADES. QUARRY RUN GRANULAR EMBANKMENT WILL BE USED FOR THE REMAINDER.
80. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MANAGE THE GROUNDWATER AT THE BORROW SITE, WITH NO ADDITIONAL COMPENSATION FROM THE DEPARTMENT.
81. THE IDNR-OWR PERMIT ONLY COVERS THE FINAL BRIDGE AND COFFERDAM FOR THE PIER WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING A PERMIT FOR ANY TRAMWAYS OR CAUSEWAYS THEY INTEND TO BUILD IN ORDER TO GET ACCESS TO CONSTRUCT THE BRIDGE.
82. THE STORM SEWER LATERALS CROSSING THE SANITARY SEWER ALONG THE FRONTAGE ROAD HAVE BEEN DESIGNED TO ACCOMMODATE THE CLEARANCE REQUIREMENTS AT THESE LOCATIONS. THE CONTRACTOR SHALL INSTALL THE STORM SEWER IN A MANNER THAT DOES NOT IMPACT THE EXISTING SANITARY SEWER. THIS WORK SHALL MEET WITH THE APPROVAL OF THE ENGINEER ALONG WITH THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS, AND ANY LOCAL AGENCY REQUIREMENTS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE STORM SEWER INSTALLATION. ANY DAMAGE TO THE EXISTING SANITARY SEWER SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE CONTRACT.

COMMITMENTS

1. THE CONSTRUCTION LIMITS NEAR WETLAND SITES SHALL BE MARKED AT THE BEGINNING OF CONSTRUCTION BY PLACING A TEMPORARY FENCE ONE FOOT BEHIND THE CONSTRUCTION LIMIT LINE. THE TEMPORARY FENCE SHALL BE INCLUDED IN THE COST FOR EARTH EXCAVATION.
2. THE JANE ADDAMS TRAIL CAN BE CLOSED FOR A PERIOD OF TIME LASTING NO LONGER THAN 364 CALENDAR DAYS.
3. A COMMITMENT HAS BEEN MADE FOR THE CONTRACTOR TO INSTALL 24 FOOT FIELD ENTRANCES AT STA. 141RT, STA. 159RT, STA. 162RT, STA. 165RT, STA. 166RT, AND STA. 167RT AT NO COST TO THE PROPERTY OWNER. THE ENGINEER WILL VERIFY THE LOCATIONS ON THE PROJECT SITE. A TEMPORARY USE PERMIT HAS BEEN SIGNED BY THE OWNER TO CONSTRUCT THE ENTRANCES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

GENERAL NOTES

SCALE:
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHF			TE	NHF			
				80% FEDERAL 20% STATE 1000-2A ROADWAY	80% FEDERAL 20% STATE 1000-1A IL 26	80% FEDERAL 20% STATE Y050 FRONTAGE ROAD	80/20 FED/CITY Y046 BIKE PATH	80% FEDERAL 20% STATE X071-2A US RTE 20 OVER PECATONICA RIVER	80% FEDERAL 20% STATE X028-2A FRONTAGE ROAD OVER "WESTERN" TRIB. TO PECATONICA SN:089-2018	80% FEDERAL 20% STATE Y007 FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2025	80% FEDERAL 20% STATE X981-2A US RTE 20 OVER JANE ADDAMS TRAIL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	262	24		238					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	152			152					
20101000	TEMPORARY FENCE	FOOT	465	465							
20101100	TREE TRUNK PROTECTION	EACH	70	20		50					
20200100	EARTH EXCAVATION	CU YD	518,067	445,479		72,590					
20200200	ROCK EXCAVATION	CU YD	64,405			64,405					
20200300	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	1,040	560		480					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	36,885	36,550		335					
20400800	FURNISHED EXCAVATION	CUYD	10,651			10,651					
20600310	QUARRY RUN GRANULAR EMBANKMENT	CU YD	15,880	15,880							
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	293				165				128
20800150	TRENCH BACKFILL	CU YD	250			250					
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	42920	26,590		16,330					
25000100	SEEDING, CLASS 1	ACRE	1.25			1.25					
25000210	SEEDING, CLASS 2A	ACRE	37.25	21.25		16.00					
25000310	SEEDING, CLASS 4	ACRE	33.50	18.25		15.25					
25000350	SEEDING, CLASS 7	ACRE	14.00	14.00							
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6,563	4,777		1,786					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	6,563	4,777		1,786					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6,563	4,777		1,786					
△ 25000750	MOWING	ACRE	37.25	21.25		16					
25000775	SELECTIVE MOWING STAKES	EACH	1,097	596		501					
25001845	SEEDING CLASS 7 (SPECIAL)	ACRE	5.3	5.3							
25100115	MULCH, METHOD 2	ACRE	34	17		17					
25100630	EROSION CONTROL BLANKET	SQ YD	171,461	108,972		62,489					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	36,463	26,541		9,922					
28000305	TEMPORARY DITCH CHECKS	FOOT	2,150	1,118		1,032					
28000400	PERIMETER EROSION BARRIER	FOOT	12,505	8,060		4,445					
28000500	INLET AND PIPE PROTECTION	EACH	19	7		12					
28001000	AGGREGATE (EROSION CONTROL)	TON	35	24		11					
28100105	STONE RIPRAP, CLASS A3	SQ YD	171	43		128					
28100107	STONE RIPRAP, CLASS A4	SQ YD	1,932	616		294	883	139			
28100109	STONE RIPRAP, CLASS A5	SQ YD	156			156					
28200200	FILTER FABRIC	SQ YD	2,208	736		450	883	139			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	8
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				S00-01 OF 07
CONTRACT #64799				

△ NON-PARTICIPATING ITEM (100% STATE)
 • SPECIALITY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHF			TE	NHF			
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80/20 FED/CITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE
				1000-2A ROADWAY	1000-1A IL 26	Y050 FRONTAGE ROAD	Y046 BIKE PATH	X071-2A US RTE 20 OVER PECATONICA RIVER	X028-2A FRONTAGE ROAD OVER "WESTERN" TRIB. TO PECATONICA SN:089-2018	Y007 FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2025	X981-2A US RTE 20 OVER JANE ADDAMS TRAIL
28300400	AGGREGATE DITCH	TON	81	81							
31100500	SUB-BASE GRANULAR MATERIAL, TYPE A 6"	SQ YD	3,042	3,042							
35100100	AGGREGATE BASE COURSE, TYPE A	TON	26,862	1,031	1,073	24,758					
35101400	AGGREGATE BASE COURSE, TYPE B	TON	5,614			2,069	3,545				
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	227				227				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	61			61					
40300300	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	GALLON	329				329				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	130.2	7.3	7.8	100.2	14.9				
40600300	AGGREGATE (PRIME COAT)	TON	63	8	3	52					
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	7,376			7,376					
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1,075		1,075						
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2,033	287			1,746				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	4,303		358	3,945					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	205			205					
44000100	PAVEMENT REMOVAL	SQ YD	14,869	2,072	1,392	11,405					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	251			251					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,059		1,018	2,041					
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	8,517		8,517						
44004250	PAVED SHOULDER REMOVAL	SQ YD	3,202	3,202							
48100100	AGGREGATE SHOULDERS, TYPE A	TON	4,571	359		4,212					
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2,562	2,562							
50102400	CONCRETE REMOVAL	CU YD	6.2							6.2	
50104400	CONCRETE HEADWALL REMOVAL	EACH	1			1					
50105220	PIPE CULVERT REMOVAL	FOOT	6	2		4					
50200100	STRUCTURE EXCAVATION	CU YD	1,220					1,020			200
50200300	COFFERDAM EXCAVATION	CU YD	204					204			
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	428						282	146	
50200500	COFFERDAMS	EACH	1					1			
50300100	FLOOR DRAINS	EACH	38					38			
50300225	CONCRETE STRUCTURES	CU YD	1,113.6					838.7		14.2	260.7
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,189.2					962.7			226.5
50300260	BRIDGE DECK GROOVING	SQ YD	3,789					3,178			611
50300265	SEAL COAT CONCRETE	CU YD	103.9					103.9			
50300280	CONCRETE ENCASEMENT	CU YD	13.4					9.2			4.2
50300300	PROTECTIVE COAT	SQ YD	4,759					3,995.0			764.0
50400805	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 36 IN.	FOOT	852								852.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			SQ-02 OF 07	
CONTRACT #64799				

△ NON-PARTICIPATING ITEM (100% STATE)
 • SPECIALITY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUMMARY OF QUANTITIES



SCALE: NONE
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHF			TE	NHF				
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80/20 FED CITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	
				1000-2A	1000-1A	Y050	Y046	X071-2A	X028-2A	Y007	X981-2A	
				ROADWAY	IL 26	FRONTAGE ROAD	BIKE PATH	US RTE 20 OVER PECATONICA RIVER	FRONTAGE ROAD OVER "WESTERN" TRIB. TO PECATONICA SN:089-2018	FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2025	US RTE 20 OVER JANE ADDAMS TRAIL	
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1									
50500505	STUD SHEAR CONNECTORS	EACH	10,188						10,188			
50800105	REINFORCEMENT BARS	POUND	53,639	29		90				52,500	1,020	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	415,370					347,380				67,990
50800515	BAR SPLICERS	EACH	184					92				92
51100100	SLOPE WALL 4 INCH	SQ YD	65									65
51100500	BITUMINOUS COATED AGGREGATE SLOPEWALL, 6"	SQ YD	566									566
51201500	FURNISHING STEEL PILES HP10X57	FOOT	795									795
51201600	FURNISHING STEEL PILES HP12X53	FOOT	8,822					8,822				
51201700	FURNISHING STEEL PILES HP12X74	FOOT	815									815
51202305	DRIVING PILES	FOOT	10,432					8,822				1,610
51203500	TEST PILE STEEL HP10X57	EACH	2									2
51203600	TEST PILE STEEL HP12X53	EACH	8					8				
51203700	TEST PILE STEEL HP12X74	EACH	2									2
51204650	PILE SHOES	EACH	176					156				20
51500100	NAME PLATES	EACH	3					1	1			1
52000208	FINGER PLATE EXPANSION JOINT, 3"	FOOT	45.1					45.1				
52000212	FINGER PLATE EXPANSION JOINT, 4"	FOOT	45.1					45.1				
52000600	FABRIC REINFORCED ELASTOMERIC TROUGH	FOOT	90.2					90.2				
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	12					12				
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	18					18				
52100030	ELASTOMERIC BEARING ASSEMBLY, TYPE III	EACH	12					12				
52100520	ANCHOR BOLTS, 1"	EACH	24					24				
52100530	ANCHOR BOLTS, 1 1/4"	EACH	12					12				
52100540	ANCHOR BOLTS, 1 1/2"	EACH	68					60				8
54002020	EXPANSION BOLTS 3/4 INCH	EACH	38								38	
54003000	CONCRETE BOX CULVERTS	CU YD	257							257.0		
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	342	342								
542A1081	PIPE CULVERTS, CLASS A, TYPE 2 36"	FOOT	90	90								
542A1921	PIPE CULVERTS, CLASS A, TYPE 3 36"	FOOT	63	63								
542C0229	PIPE CULVERTS, CLASS C, TYPE 1 24"	FOOT	58	58								
542C1975	PIPE CULVERTS, CLASS C, TYPE 3 90"	FOOT	67								67	
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	70	70								
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	188	100		88						
542D0241	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	173	173								

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02		S00-03 OF 07		
CONTRACT #64799				

△ NON-PARTICIPATING ITEM (00% STATE)
 • SPECIALITY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SUMMARY OF QUANTITIES



SCALE: NONE
 DATE: 01-22-10
 DRAWN BY SJV
 CHECKED BY RMH

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHF			TE	NHF				
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80/20 FED/CITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	
				1000-2A ROADWAY	1000-1A IL 26	Y050 FRONTAGE ROAD	Y046 BIKE PATH	X071-2A US RTE 20 OVER PECATONICA RIVER	X028-2A FRONTAGE ROAD OVER "WESTERN" TRIB. TO PECATONICA SN:089-2018	Y007 FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2025	X981-2A US RTE 20 OVER JANE ADDAMS TRAIL	
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	74			74						
542D1069	PIPE CULVERTS, CLASS D, TYPE 2 24"	FOOT	90			90						
542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	64			64						
542D1087	PIPE CULVERTS, CLASS D, TYPE 2 42"	FOOT	93			93						
542D1099	PIPE CULVERTS, CLASS D, TYPE 2 54"	FOOT	96			96						
542D1921	PIPE CULVERTS, CLASS D, TYPE 3 36"	FOOT	134			134						
542D5479	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	396			396						
542D5503	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	73			73						
54213447	END SECTIONS 12"	EACH	3			3						
54213450	END SECTIONS 15"	EACH	4	4								
54213453	END SECTIONS 18"	EACH	10	4		6						
54213459	END SECTIONS 24"	EACH	3	1		2						
54213465	END SECTIONS 30"	EACH	2			2						
54213471	END SECTIONS 36"	EACH	1			1						
54213489	END SECTIONS 54"	EACH	2			2						
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	3	3								
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	2								
54214299	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH	12			12						
54214323	END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH	2			2						
54215442	CAST-IN-PLACE REINFORCED CONCRETE END SECTION 42"	EACH	2			2						
54215991	REINFORCED CONCRETE PIPE ELBOW 36"	EACH	1			1						
54248510	CONCRETE COLLAR	CU YD	9.3	1.4		0.8			7.1			
550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	323			323						
550B0640	STORM SEWERS, CLASS B, TYPE 3 12"	FOOT	98			98						
58700300	CONCRETE SEALER	SQ FT	346				346					
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	166				76			90		
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	40			40						
60100915	PIPE DRAINS 6"	FOOT	50			50						
60100925	PIPE DRAINS 8"	FOOT	50			50						
60100945	PIPE DRAINS 12"	FOOT	50			50						
60100965	PIPE DRAINS 18"	FOOT	50			50						
60107600	PIPE UNDERDRAINS 4"	FOOT	1,646	1,441		205						
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	246				106			140		
60220105	MANHOLES, TYPE A, 4'-DIAMETER, WITH MEDIAN INLET (604106)	EACH	1	1								

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			S00-04 OF 07	
CONTRACT #64799				

△ NON-PARTICIPATING ITEM (100% STATE)
 • SPECIALITY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SUMMARY OF
 QUANTITIES



SCALE: NONE
 DATE: 01-22-10
 DRAWN BY SJV
 CHECKED BY RMH

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHF			TE	NHF					
				80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80/20 FED/CITY	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE	80% FEDERAL 20% STATE		
				1000-2A ROADWAY	1000-1A IL 26	Y050 FRONTAGE ROAD	Y046 BIKE PATH	X071-2A US RTE 20 OVER PECATONICA RIVER	X028-2A FRONTAGE ROAD OVER "WESTERN" TRIB. TO PECATONICA SN:089-2018	Y007 FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2025	X981-2A US RTE 20 OVER JANE ADDAMS TRAIL		
60242400	INLETS, SPECIAL	EACH	6			6							
60240361	INLETS, TYPE B, WITH MEDIAN INLET (604101)	EACH	4	4									
60246805	MEDIAN INLET (604106)	EACH	1	1									
60260100	INLETS TO BE ADJUSTED	EACH	1		1								
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	9.0			9							
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,839		482	2,357							
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2,900		2,900								
60620000	CONCRETE MEDIAN, TYPE SB-6.24	SQ FT	2,940		2,940								
60900515	CONCRETE THRUST BLOCKS	EACH	1	1									
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	200			200							
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	3			3							
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	2			2							
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	273			273							
63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	81			81							
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4			4							
63500105	DELINEATORS	EACH	10			10							
66500105	WOVEN WIRE FENCE, 4'	FOOT	6,902	247		6,655							
66501400	WOVEN WIRE GATES, 4'x12' DOUBLE	EACH	1			1							
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	41			41							
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	16	2		14							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	19	19									
67100100	MOBILIZATION	L SUM	1	1									
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1		1.00								
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1			1							
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.14	0.29	0.57							
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1.00									
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1		1.00								
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		0.57	0.43							
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	270	270									
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3,762			3,762							
70300 220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	32,994	16,367	10,951	5,676							
70300 280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	11			11							
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	9,106	5,456	3,650								

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			S00-05 OF 07	
CONTRACT #64799				

△ NON-PARTICIPATING ITEM (100% STATE)
 * SPECIALITY ITEM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHF			TE	NHF			
				80% FEDERAL 20% STATE 1000-2A ROADWAY	80% FEDERAL 20% STATE 1000-1A IL 26	80% FEDERAL 20% STATE Y050 FRONTAGE ROAD	80/20 FED/CITY Y046 BIKE PATH	80% FEDERAL 20% STATE X071-2A US RTE 20 OVER PECATONICA RIVER	80% FEDERAL 20% STATE X028-2A FRONTAGE ROAD OVER "WESTERN" TRIB. TO PECATONICA SN:089-2018	80% FEDERAL 20% STATE Y007 FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2025	80% FEDERAL 20% STATE X981-2A US RTE 20 OVER JANE ADDAMS TRAIL
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	94		94						
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	26,347	3,375	22,972						
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,064		1,064						
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,075		1,075						
78001100	PAINT PAVEMENT MARKING - LINE 4"	FOOT	25,994			25,994					
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	80		19	61					
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	101	38	63						
78200410	GUARDRAIL MARKERS, TYPE A	EACH	354		354						
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4						
78300100	PAVEMENT MARKING REMOVAL	SQ FT	2,596	2,453	143						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	150	150							
A2006514	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	20	20							
A2006714	TREE, QUERCUS MACROCARPA (BUR OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED	EACH	29	29							
A2C022G3	TREE, CARYA ILLINOINENSIS (PECAN), CONTAINER GROWN, 3-GALLON	EACH	29	29							
A2C040G3	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), CONTAINER GROWN, 3-GALLON	EACH	29	29							
A2C050G3	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), CONTAINER GROWN, 3-GALLON	EACH	29	29							
A2C052G3	TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), CONTAINER GROWN, 3-GALLON	EACH	29	29							
X0300015	CONCRETE WINGWALL REMOVAL	EACH	1		1						
X0322050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	48	24	24						
X0322352	SEEDING MOBILIZATION	EACH	8	8							
X0322923	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	80		80						
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	8	4	4						
X0323830	DRAINAGE SCUPPERS, DS-11	EACH	4			4					
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	9	6	3						
X0324774	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,100	533	567						
X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	1,100	533	567						
X0325833	WICK DRAINS	FOOT	8,000			8,000					
X0326224	CORRUGATED STEEL PIPE MULTIPLE END SECTIONS EQUIVALENT DOUBLE ROUND-SIZE 36"	EACH	2	2							
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1			1					
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1			1					
X5020503	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 3	EACH	1			1					
X5020504	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 4	EACH	1			1					

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			S00-06 OF 07	
CONTRACT #64799				

△ NON-PARTICIPATING ITEM (100% STATE)
 • SPECIALITY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VR-1)	STEPHENSON	386	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			S00-07 OF 07	
CONTRACT #64799				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NHF			TE	NHF				
				80% FEDERAL 20% STATE ROADWAY	80% FEDERAL 20% STATE IL 26	80% FEDERAL 20% STATE FRONTAGE ROAD	80/20 FED/CITY BIKE PATH	80% FEDERAL 20% STATE US RTE 20 OVER PECATONICA RIVER	80% FEDERAL 20% STATE FRONTAGE ROAD OVER "WESTERN" TRIBE TO PECATONICA SN:089-2018	80% FEDERAL 20% STATE FRONTAGE ROAD OVER "EASTERN" TRIBE TO PECATONICA SN:089-2025	80% FEDERAL 20% STATE US RTE 20 OVER JANE ADDAMS TRAIL	
X5020505	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 5	EACH	1					1				
X7013015	TRAFFIC CONTROL FOR ROAD CLOSURE	L SUM	1	1								
Z0000100	ABANDON EXISTING CULVERT	EACH	1	1								
Z0005400	BREAKER-RUN CRUSHED STONE	TON	283						194	89		
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
△ Z0014800	CULVERT TO BE CLEANED	FOOT	167	167								
Z0020900	ESTABLISHING AND REFERENCING LAND SECTION MARKERS	EACH	12	12								
Z0023600	FILLING EXISTING CULVERT	EACH	1	1								
Z0049800	RELOCATE EXISTING SURVEY MARKERS	EACH	12	12								
Z0074100	TERMINATION OF DEAD END ROADS	EACH	1	1								
⊙ Z0076600	TRAINEES	HOUR	2000	2000								
Z0100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	1		0.50	0.50						

- △ NON-PARTICIPATING ITEM (100% STATE)
- SPECIALITY ITEM
- ⊙ Y080

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUMMARY OF QUANTITIES

SCALE: NONE
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH



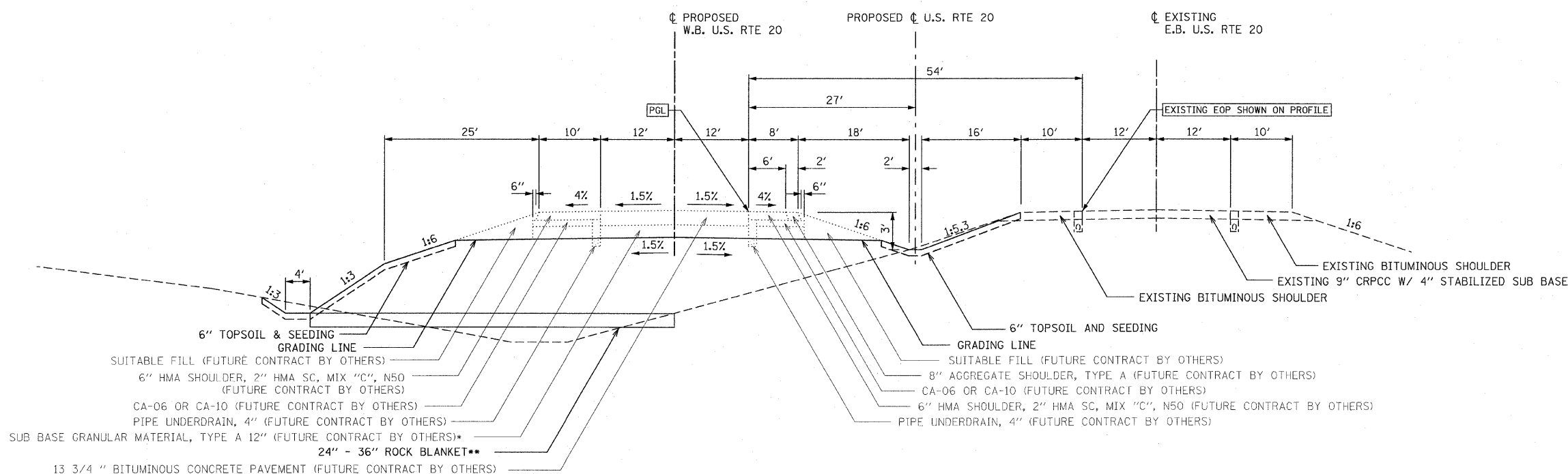
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	15
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				TYP-1 OF 9
CONTRACT# 64799				

NOTES:

THIS CONTRACT IS FOR SITE GRADING ONLY. THE WESTBOUND U.S. 20 PAVEMENT WILL BE CONSTRUCTED UNDER A SEPARATE CONTRACT.

A 6" LAYER OF TOPSOIL W/ SEEDING SHALL BE PLACED ALONG THE TOP OF THE GRADED EMBANKMENT.

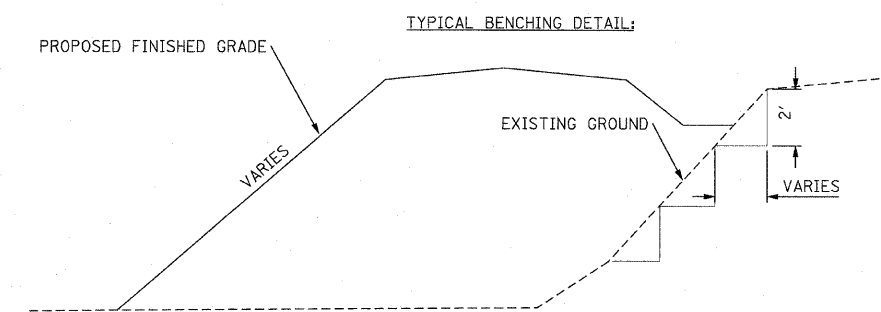
* SUB-BASE GRANULAR MATERIAL TYPE A	DEPTH
STA. 478+50 TO 480+50	24"
STA. 486+00 TO 491+00	24"
STA. 499+50 TO 502+50	24"
STA. 520+00 TO 521+50	24"
STA. 577+50 TO 585+50	6"
STA. 633+00 TO 639+00	6"
** ROCK BLANKET (QUARRY RUN GRANULAR EMBANKMENT)	DEPTH
STA. 521+50 TO 537+00	36" ROCK BLANKET
STA. 571+00 TO 576+00	36" ROCK BLANKET
STA. 590+00 TO 594+50	36" ROCK BLANKET



U.S. ROUTE 20 MAINLINE TYPICAL SECTION (NORMAL)

- STA. 477+00.00 TO STA. 485+00.00
- STA. 492+00.00 TO STA. 499+00.00
- STA. 502+00.00 TO STA. 519+00.00
- STA. 522+00.00 TO STA. 534+75.00
- STA. 559+00.00 TO STA. 569+13.84
- STA. 570+60.93 TO STA. 576+25.00
- STA. 598+89.24 TO STA. 630+00.00

BRIDGE OMISSION
 STA. 536+80.25 TO STA. 544+38.20
 STA. 569+13.84 TO STA. 570+60.93



MIXTURE REQUIREMENTS

MIXTURE USES	IL 26		FRONTAGE ROAD		MULTI-USE PATH (BIKE PATH)
	SURFACE	BINDER	SURFACE	BINDER	SURFACE
PG:	64-22	64-22	64-22	64-22	58-22
DESIGN AIR VOIDS	4.0 @ N70	4.0 @ N70	4.0 @ N50	4.0 @ N50	3.0 @ N50
MIXTURE COMPOSITION (GRADUATION MISTURE)	IL 9.5-12.5	IL 19.0	IL 9.5-12.5	IL 19.0	IL 9.5-12.5
FRICTION AGGREGATE	D	N/A	D	N/A	C
20 YEAR ESAL	2.5	-	0.3	-	< 0.3
MIXTURE UNIT WEIGHT	112 lbs/SY/IN	-	112 lbs/SY/IN	-	112 lbs/SY/IN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 TYPICAL SECTIONS
 U.S. 20 MAINLINE



SCALE: NONE
 DATE: 01-22-10
 DRAWN BY SJV
 CHECKED BY RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	16
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				TYP-2 OF 9
CONTRACT# 64799				

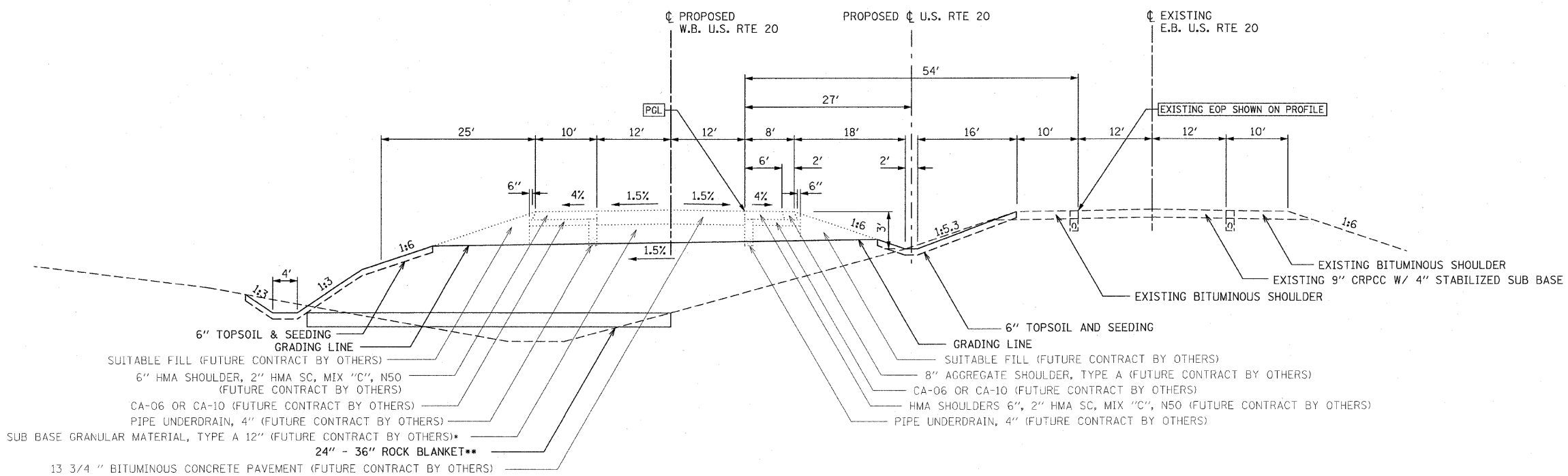
NOTES:

THIS CONTRACT IS FOR SITE GRADING ONLY. THE WESTBOUND U.S. 20 PAVEMENT WILL BE CONSTRUCTED UNDER A SEPARATE CONTRACT.

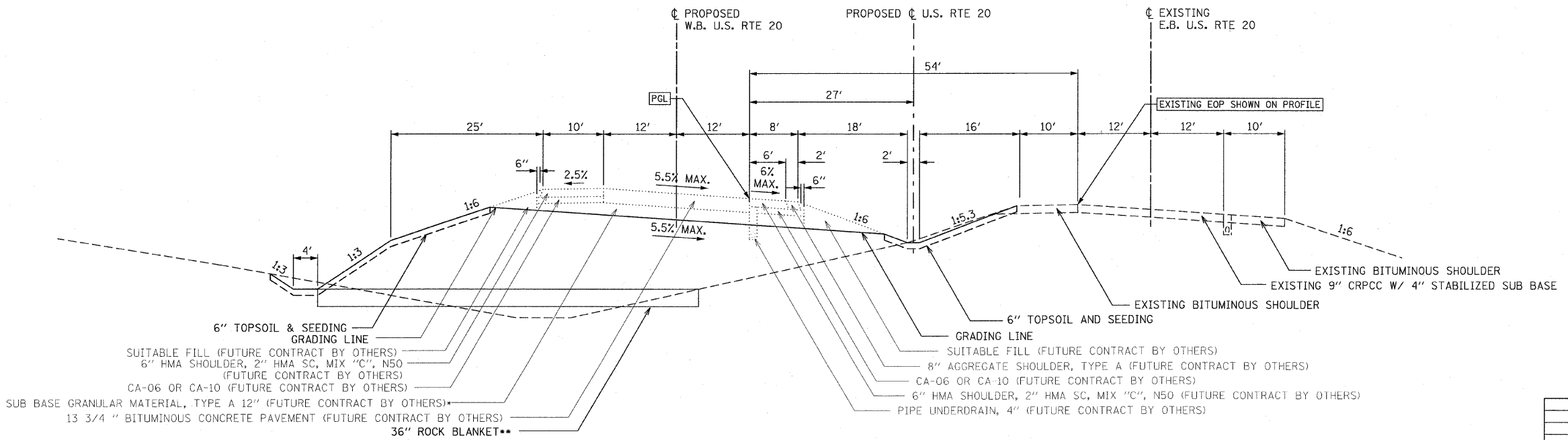
A 6" LAYER OF TOPSOIL W/ SEEDING SHALL BE PLACED ALONG THE TOP OF THE GRADED EMBANKMENT.

* SUB-BASE GRANULAR MATERIAL TYPE A	DEPTH
STA. 478+50 TO 480+50	24"
STA. 486+00 TO 491+00	24"
STA. 499+50 TO 502+50	24"
STA. 520+00 TO 521+50	24"
STA. 577+50 TO 585+50	6"
STA. 633+00 TO 639+00	6"

** ROCK BLANKET (QUARRY RUN GRANULAR EMBANKMENT)	DEPTH
STA. 521+50 TO 537+00	36" ROCK BLANKET
STA. 571+00 TO 576+00	36" ROCK BLANKET
STA. 590+00 TO 594+50	36" ROCK BLANKET
STA. 599+00 TO 607+00	24" ROCK BLANKET IN DITCH
STA. 620+00 TO 622+00	24" ROCK BLANKET IN DITCH



U.S. ROUTE 20 MAINLINE TYPICAL SECTION (NORMAL)
 STA. 485+00.00 TO STA. 492+00.00
 STA. 499+00.00 TO STA. 502+00.00
 STA. 519+00.00 TO STA. 522+00.00



U.S. ROUTE 20 MAINLINE TYPICAL SECTION (SUPERELEVATED)
 STA. 590+66 TO 598+89.24

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

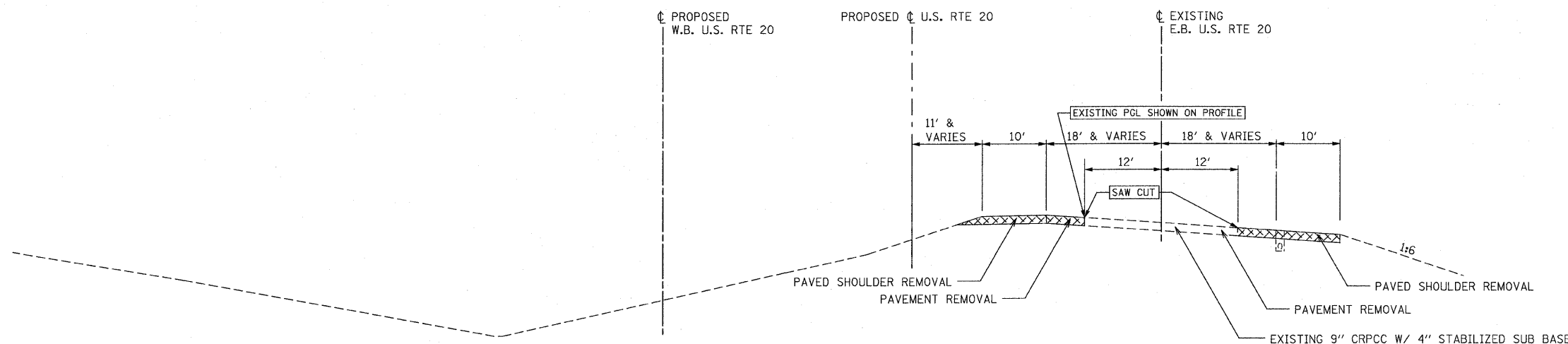
**TYPICAL SECTIONS
 U.S. 20 MAINLINE**

SCALE: NONE
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	17
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			TYP-3 OF 9	
CONTRACT# 64799				



EXISTING U.S. ROUTE 20 MAINLINE TYPICAL SECTION
(SUPERELEVATED)
STA. 576+25 TO STA. 590+66

REMOVAL

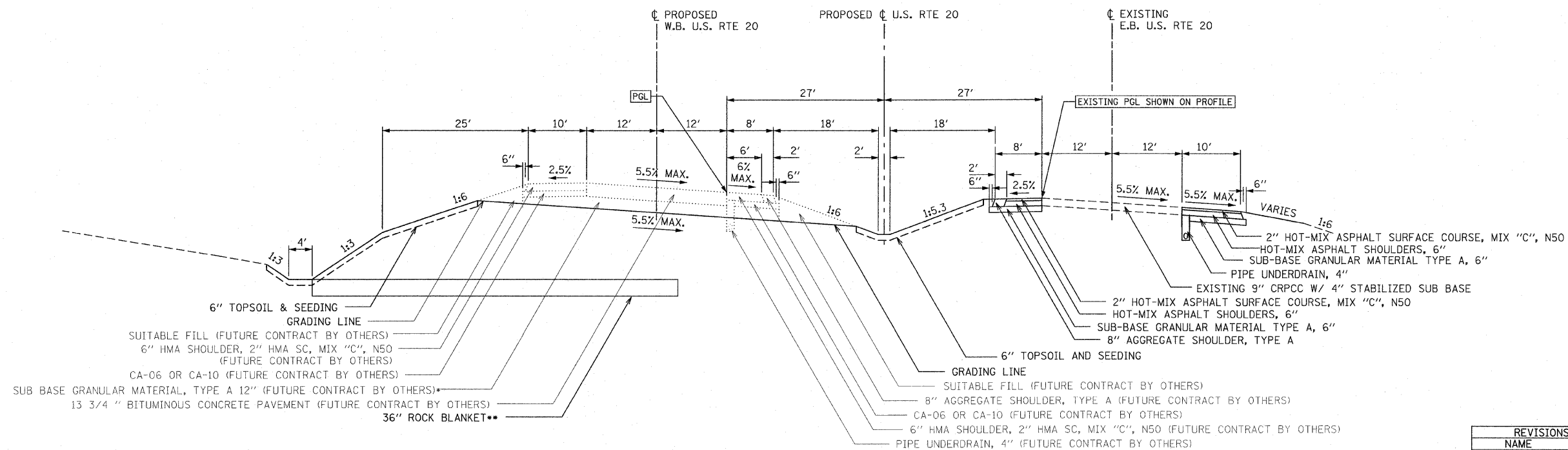
NOTES:

THIS CONTRACT IS FOR SITE GRADING ONLY. THE WESTBOUND U.S. 20 PAVEMENT WILL BE CONSTRUCTED UNDER A SEPARATE CONTRACT.

A 6" LAYER OF TOPSOIL W/ SEEDING SHALL BE PLACED ALONG THE TOP OF THE GRADED EMBANKMENT.

* SUB-BASE GRANULAR MATERIAL TYPE A	DEPTH
STA. 478+50 TO 480+50	24"
STA. 486+00 TO 491+00	24"
STA. 499+50 TO 502+50	24"
STA. 520+00 TO 521+50	24"
STA. 577+50 TO 580+02.79	6"
STA. 580+02.79 TO 585+50	6"
STA. 633+00 TO 639+00	6"

** ROCK BLANKET (QUARRY RUN GRANULAR EMBANKMENT)	DEPTH
STA. 521+50 TO 537+00	36" ROCK BLANKET
STA. 571+00 TO 576+00	36" ROCK BLANKET
STA. 590+00 TO 594+50	36" ROCK BLANKET
STA. 599+00 TO 607+00	24" ROCK BLANKET IN DITCH
STA. 620+00 TO 622+00	24" ROCK BLANKET IN DITCH



PROPOSED U.S. ROUTE 20 MAINLINE TYPICAL SECTION
(SUPERELEVATED)
STA. 576+25 TO STA. 590+66

NOTE:
1. WEIGHT OF BITUMINOUS MATERIAL = 112 LBS/IN/SY.

REVISIONS	
NAME	DATE

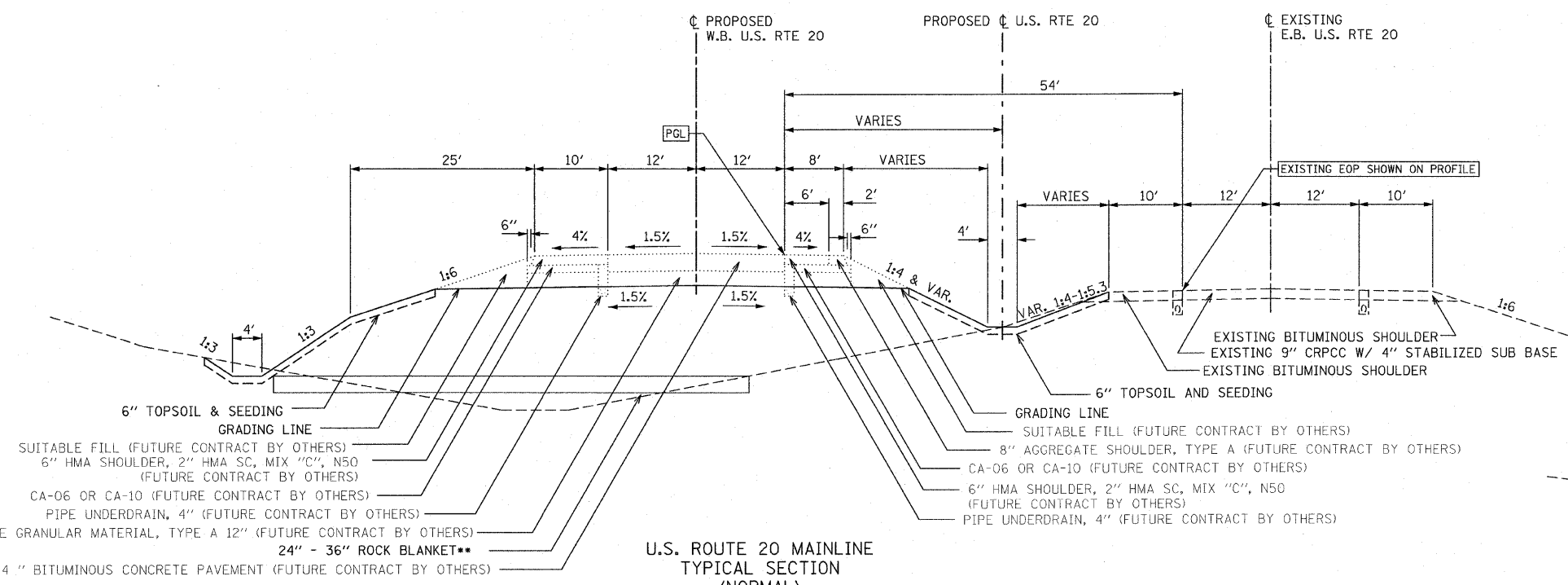
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

TYPICAL SECTIONS
U.S. 20 MAINLINE



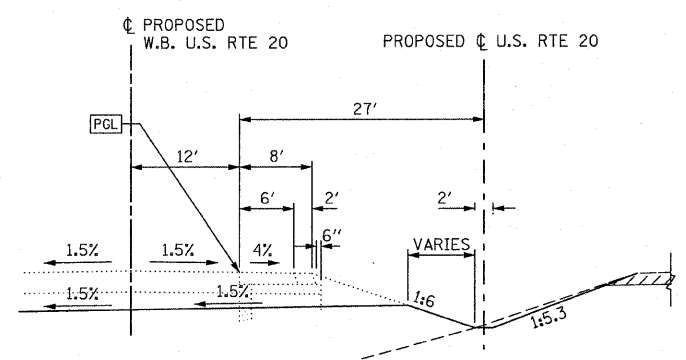
SCALE: NONE
DATE: 01-22-10
DRAWN BY SJV
CHECKED BY RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				TYP-4 OF 9
CONTRACT# 64799				

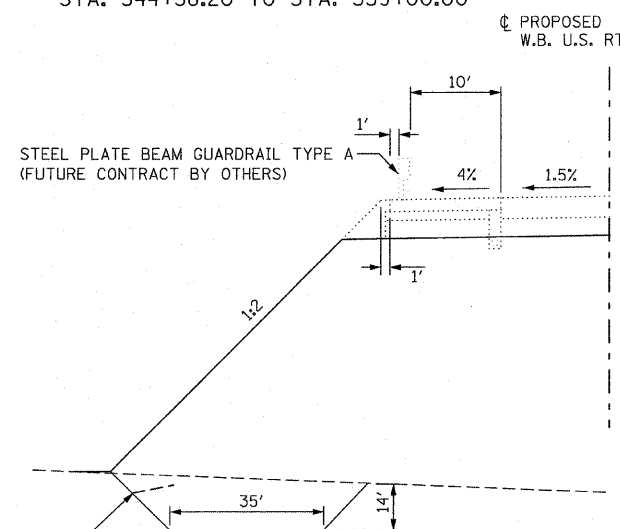


U.S. ROUTE 20 MAINLINE TYPICAL SECTION (NORMAL)
 STA. 534+75.00 TO STA. 536+80.25
 STA. 544+38.20 TO STA. 559+00.00

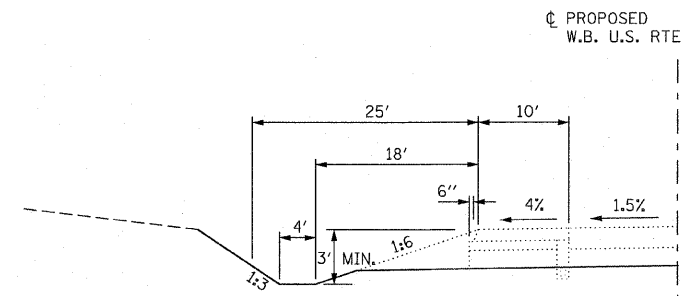
- ** ROCK BLANKET (QUARRY RUN GRANULAR EMBANKMENT)**
 STA. 534+75 TO 537+00: 36" ROCK BLANKET
 STA. 544+40 TO 558+00: 36" ROCK BLANKET
- *** ROCK KEYWAY (QUARRY RUN GRANULAR EMBANKMENT)**
 STA. 558+00 TO 559+00: TAPER TO ROCK KEYWAY EXCAVATION OF 10' DEPTH AND 20' WIDTH WITH 1:1 SIDESLOPES
 STA. 559+00 TO 566+00: TAPER TO 10' X 20' ROCK KEYWAY TO A 14' DEEP AND 35' WIDE KEYWAY WITH 1:1 SIDESLOPES
 STA. 566+00 TO 570+00: 14' DEEP AND 35' WIDE ROCK KEYWAY WITH 1:1 SIDESLOPES



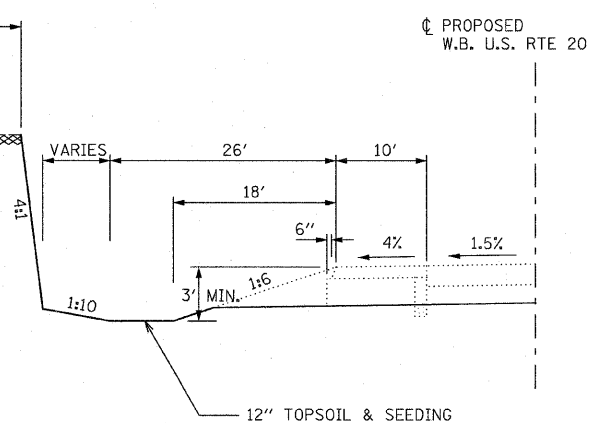
U.S. ROUTE 20 MAINLINE TYPICAL SECTION TEMPORARY BERM TO MAINTAIN MEDIAN DITCH
 STA. 486+00 TO STA. 491+00
 STA. 499+50 TO STA. 502+50
 STA. 520+00 TO STA. 521+50



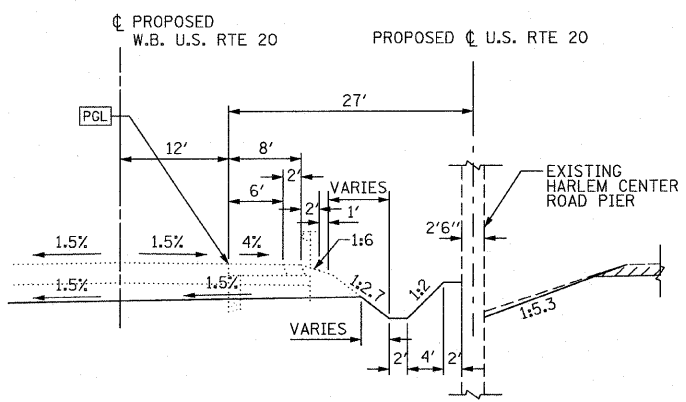
U.S. ROUTE 20 MAINLINE TYPICAL HIGH FILL SECTION (FILL HEIGHT > 30' AND USED TO MINIMIZE WETLAND IMPACTS)
 STA. 544+38.20 TO STA. 576+00



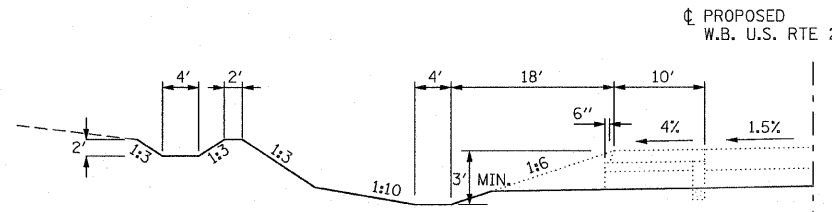
U.S. ROUTE 20 MAINLINE TYPICAL CUT SECTION
 STA. 503+00.00 TO STA. 507+00.00
 STA. 576+00.00 TO STA. 585+00.00



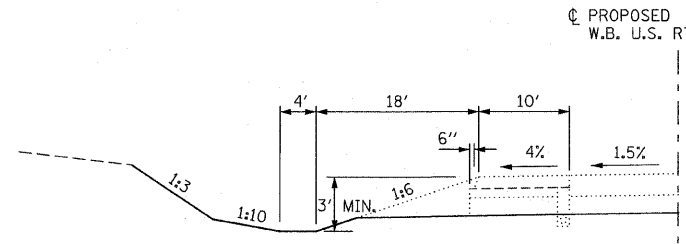
U.S. ROUTE 20 MAINLINE TYPICAL ROCK CUT SECTION
 STA. 634+00.00 TO STA. 638+00.00



U.S. ROUTE 20 MAINLINE TYPICAL SECTION SPECIAL DITCH AROUND HARLEM CENTER ROAD PIER
 STA. 504+46.42 TO STA. 505+83.68



U.S. ROUTE 20 MAINLINE CUT SECTION (EXTRA EXCAVATION MATERIAL AND DIVERSION DITCH AT TOP OF SLOPE)
 STA. 490+00.00 TO STA. 502+00.00



U.S. ROUTE 20 MAINLINE CUT SECTION (EXTRA EXCAVATION MATERIAL)
 STA. 478+00.00 TO STA. 490+00.00
 STA. 507+00.00 TO STA. 512+00.00
 STA. 519+00.00 TO STA. 530+00.00
 STA. 604+00.00 TO STA. 634+00.00

- NOTES:**
- IF ROCK CUT IS GREATER THAN 8 FOOT HEIGHT, A 10 FOOT BENCH IS REQUIRED AT THE TOP
 - IF ROCK CUT EXCEEDS 20 FOOT HEIGHT, A 10 FOOT BENCH IS REQUIRED AT 1/2 THE TOTAL HEIGHT, IN ADDITION TO THE BENCH AT THE TOP
 - WEIGHT OF BITUMINOUS MATERIAL = 112 LBS/IN/SY.
 - A 6" LAYER OF TOPSOIL W/ SEEDING SHALL BE PLACED ALONG THE TOP OF THE GRADED EMBANKMENT.

REVISIONS	
NAME	DATE

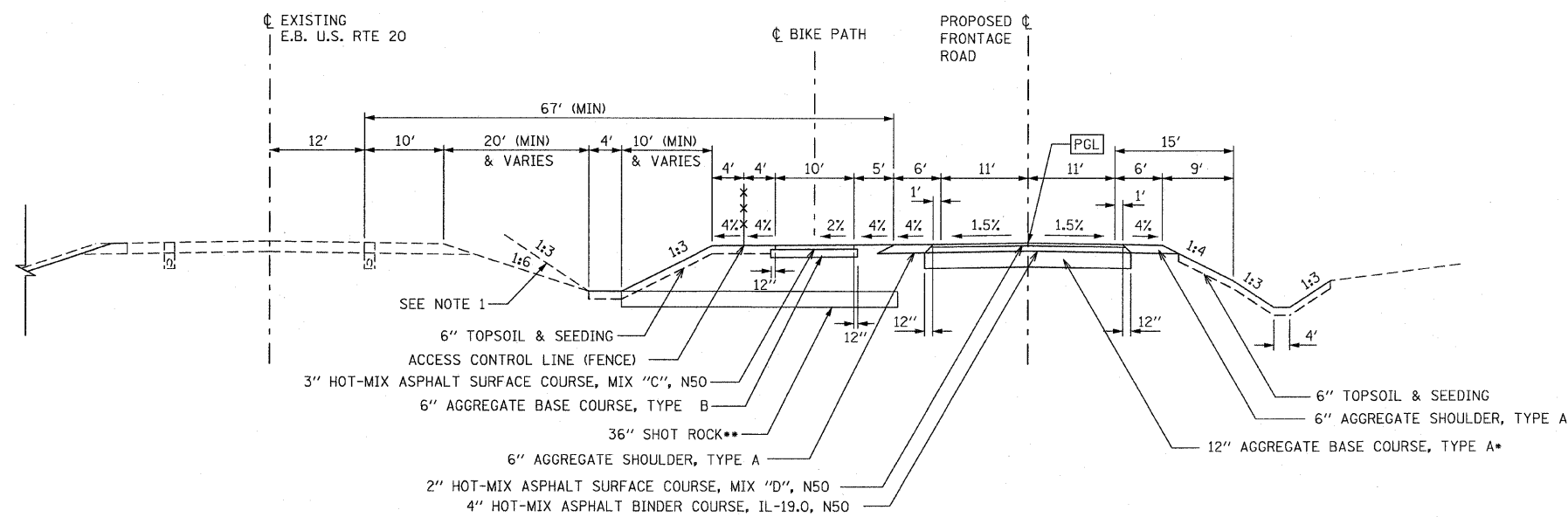
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

TYPICAL SECTIONS
 U.S. 20 MAINLINE

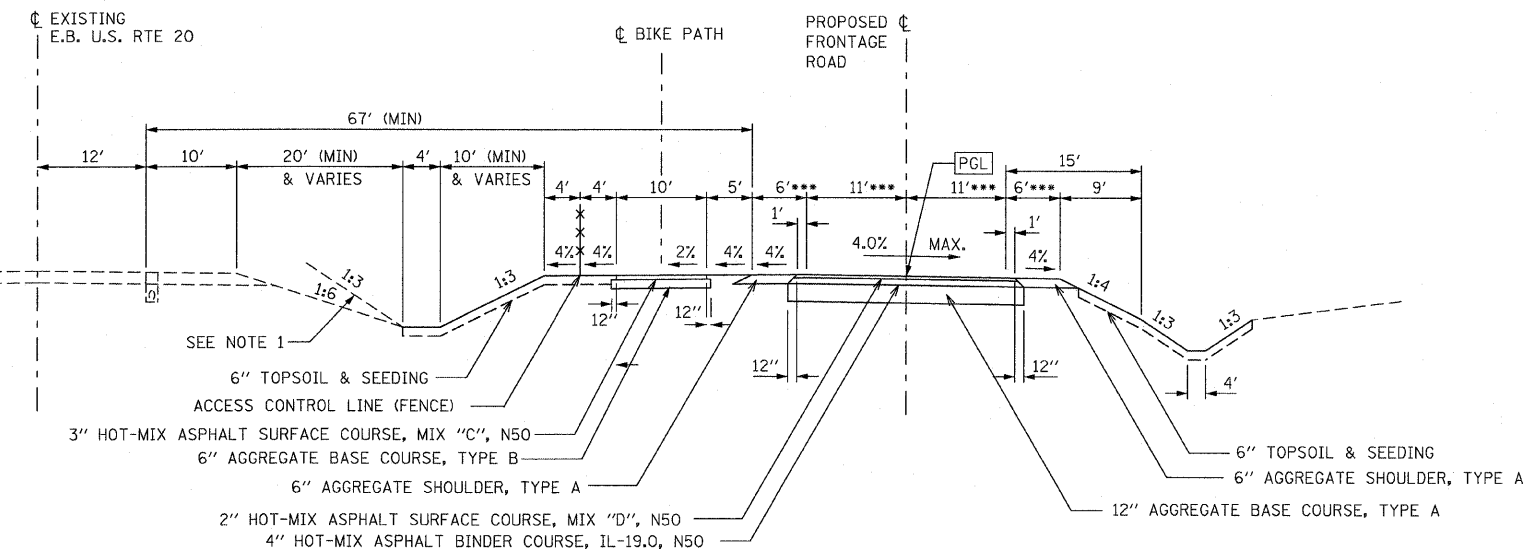
SCALE: NONE
 DATE: 01-22-10
 DRAWN BY SJV
 CHECKED BY RMH



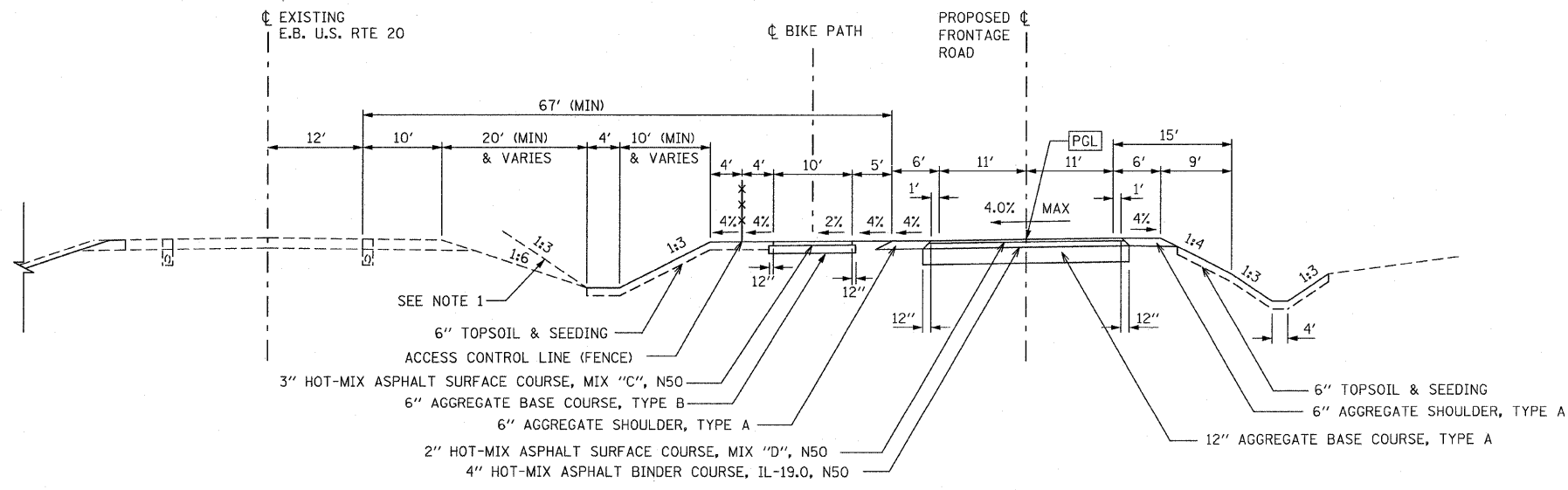
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	19
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				TYP-5 OF 9
CONTRACT# 64799				



FRONTAGE ROAD ADJACENT TO EXISTING U.S. 20
TYPICAL SECTION (NORMAL)
STA. 111+00.27 TO STA. 125+00.00
STA. 127+00.00 TO STA. 134+00.00
STA. 143+00.00 TO STA. 158+50.69
STA. 162+37.33 TO STA. 163+75.30
STA. 167+50.10 TO STA. 169+92.44



FRONTAGE ROAD ADJACENT TO EXISTING U.S. 20
TYPICAL SECTION (SUPERELEVATED RIGHT)
STA. 158+50.69 TO STA. 162+37.33
STA. 169+92.44 TO STA. 170+40.05



FRONTAGE ROAD ADJACENT TO EXISTING U.S. 20
TYPICAL SECTION (SUPERELEVATED LEFT)
STA. 163+75.30 TO STA. 167+50.10

* AGGREGATE BASE COURSE	DEPTH
STA. 123+50 TO 124+50	18" WITH DRAIN
STA. 132+50 TO 133+50	18" WITH DRAIN
** SHOT ROCK (QUARRY RUN GRANULAR EMBANKMENT)	DEPTH
STA. 129+50 TO 131+50	36" SHOT ROCK
STA. 147+00 TO 160+00	36" SHOT ROCK

*** TRANSITIONS
LANE TRANSITIONS FROM 11' TO 15' FROM STA. 168+39.47 TO STA. 170+40.05
SHOULDER TRANSITIONS FROM 6' TO 2' FROM STA. 168+39.47 TO STA. 170+40.05

- NOTE:
1. 1:3 DITCH BACKSLOPE WHERE DITCH IS NOT WITHIN THE CLEAR ZONE FOR MAINLINE US RTE 20
2. WEIGHT OF BITUMINOUS MATERIAL = 112 LBS/IN/SY.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 20

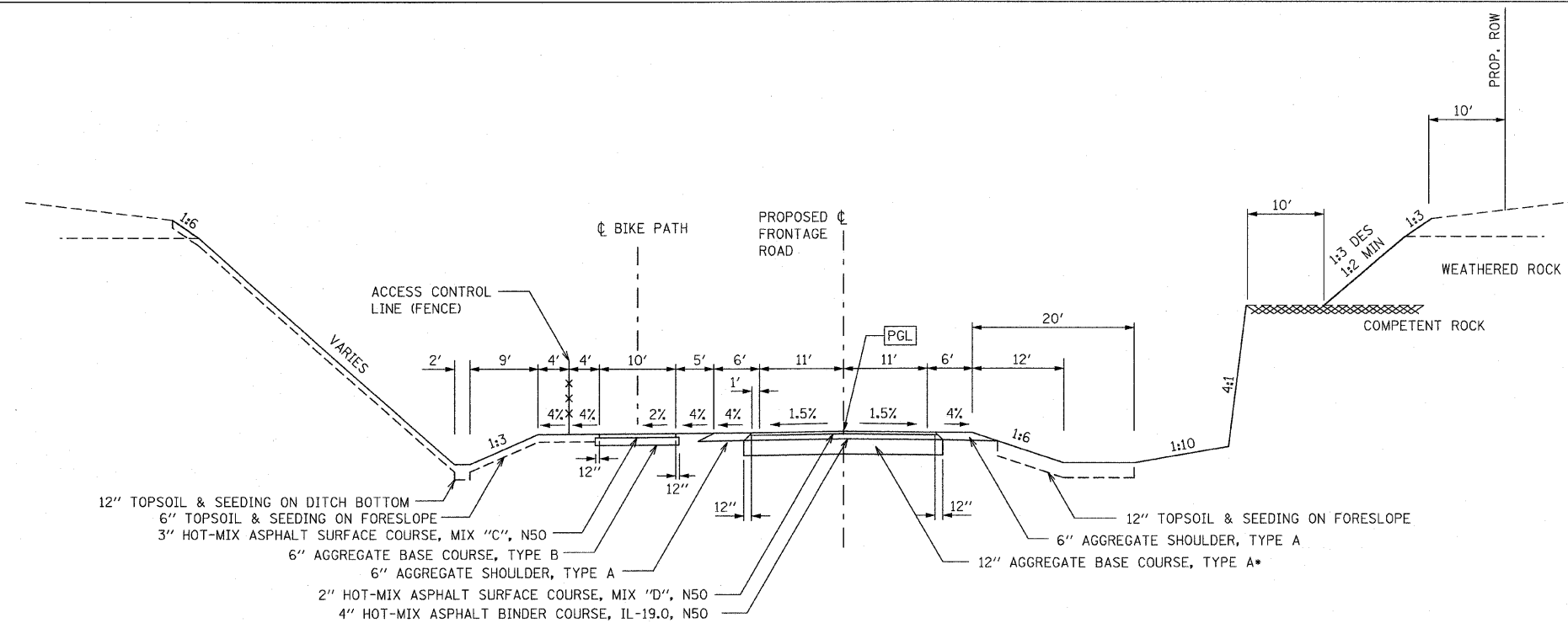
TYPICAL SECTIONS
FRONTAGE ROAD

SCALE: NONE
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH

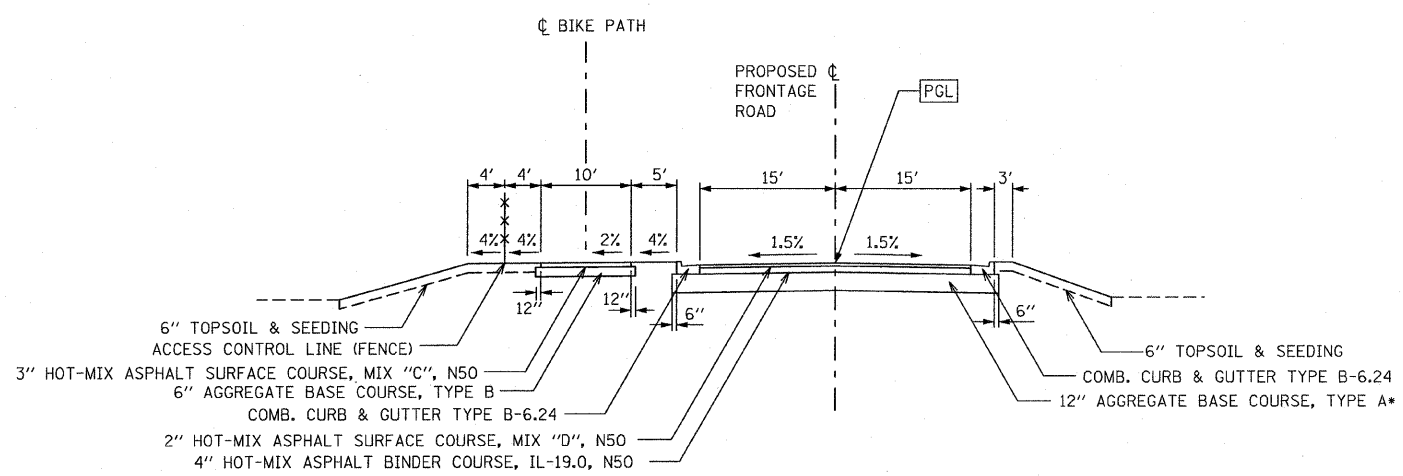


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		TYP-6 OF 9		
CONTRACT# 64799				

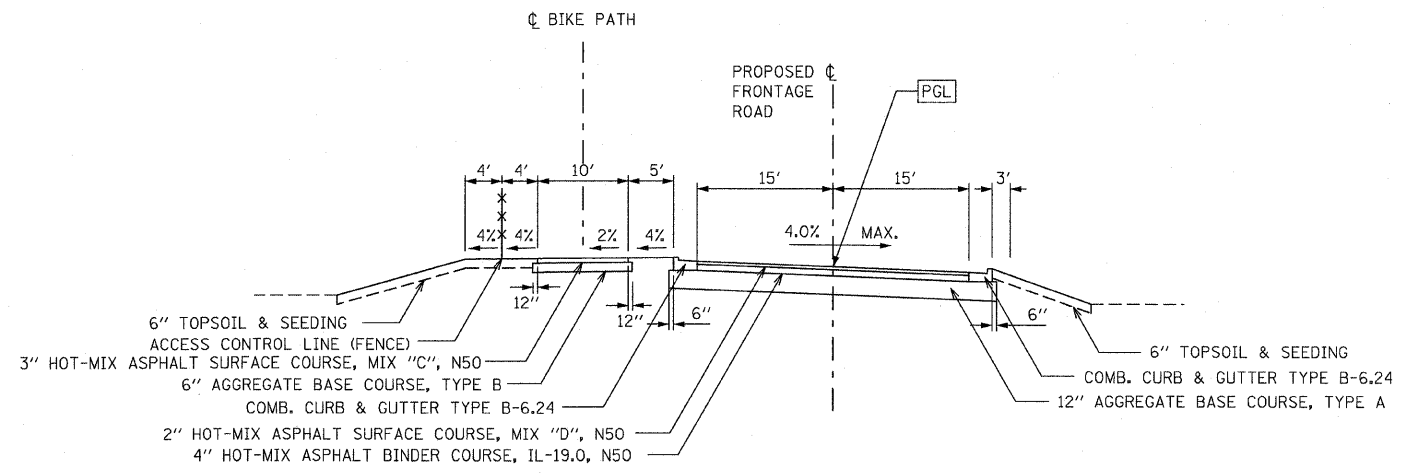


**FRONTAGE ROAD ROCK CUT
TYPICAL SECTION**
 STA. 125+00.00 TO STA. 127+00.00
 STA. 134+00.00 TO STA. 143+00.00

* AGGREGATE BASE COURSE	DEPTH
STA. 124+50 TO 126+50	6"
STA. 126+50 TO 127+50	18" WITH DRAIN
STA. 133+50 TO 142+00	6"
STA. 142+00 TO 143+00	18" WITH DRAIN
STA. 175+00 TO 182+00	18"



**FRONTAGE ROAD NEAR IL 26 TYPICAL SECTION
(WITH B-6.24 C&G)
(NORMAL)**
 STA. 174+16.91 TO STA. 182+06.98



**FRONTAGE ROAD NEAR IL 26 TYPICAL SECTION
(WITH B-6.24 C&G)
(SUPERELEVATED)**
 STA. 170+40.05 TO STA. 174+16.91

NOTE:
 1. WEIGHT OF BITUMINOUS MATERIAL = 112 LBS/IN³/SY.

REVISIONS	
NAME	DATE
M. MCGHEE	10-17-08

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

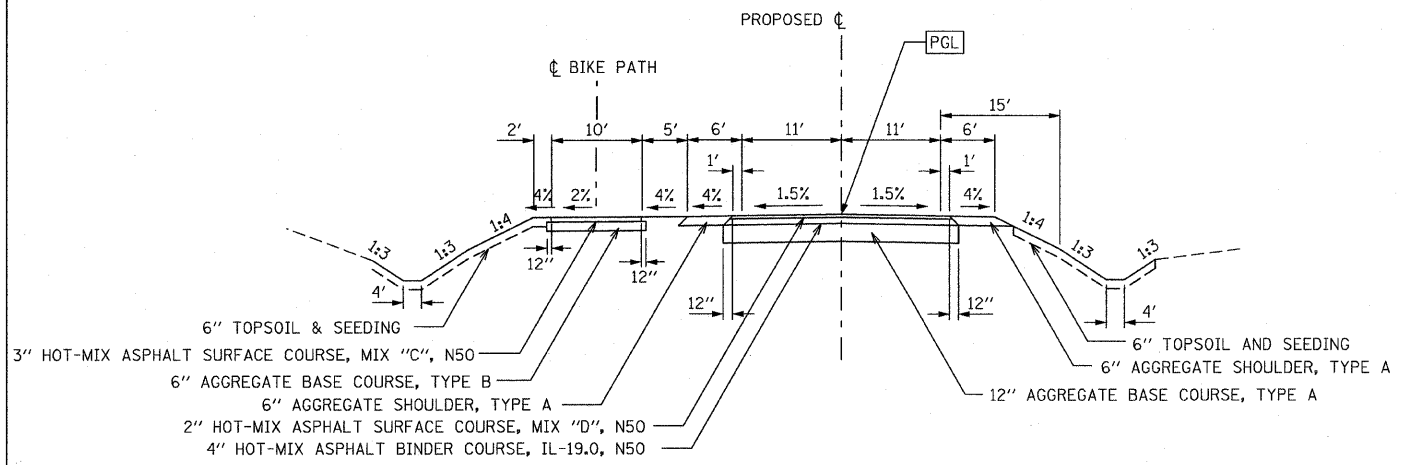
**TYPICAL SECTIONS
FRONTAGE ROAD**

SCALE: NONE
 DATE: 01-22-10

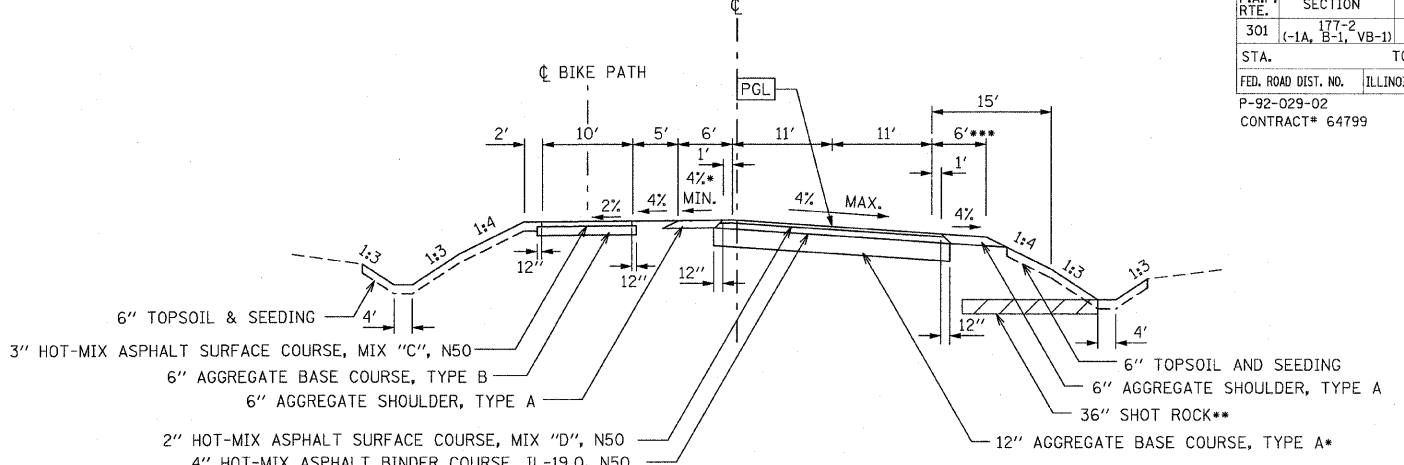
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 CHECKED BY RMH



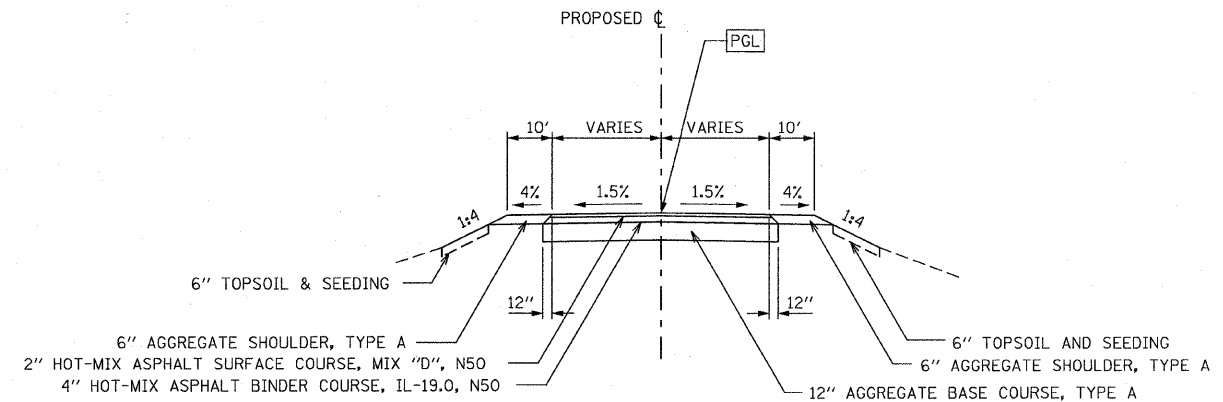
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	21
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				TYP-7 OF 9
CONTRACT# 64799				



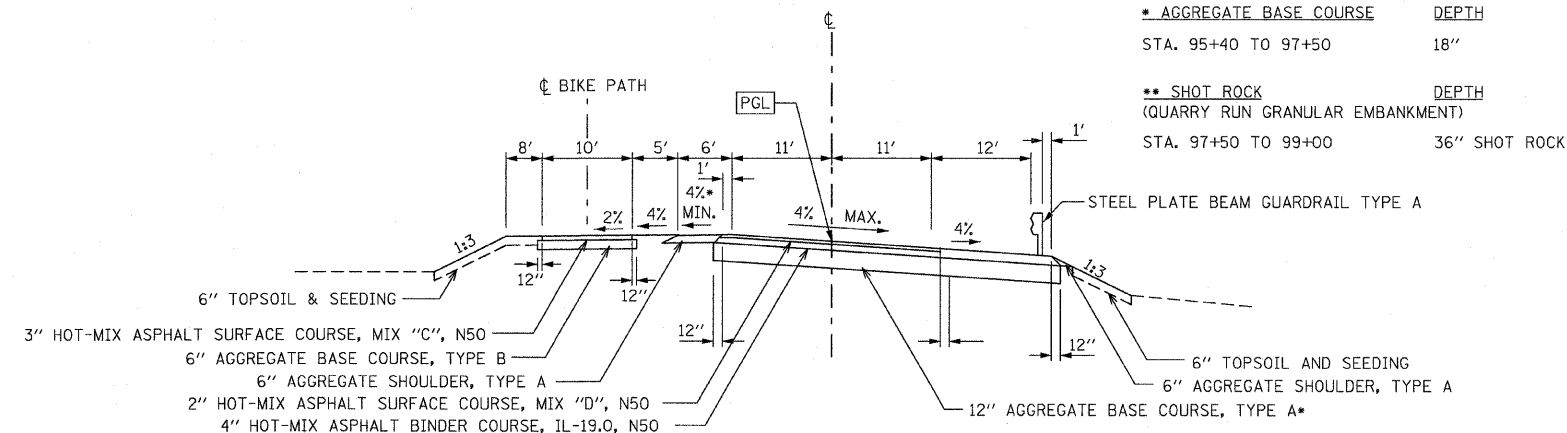
FRONTAGE ROAD AND HEINE ROAD
TYPICAL SECTION
FRONTAGE ROAD STA. 95+50.00 TO STA. 95+63.65
HEINE ROAD STA. 8+00.00 TO STA. 10+51.06
HEINE ROAD STA. 21+70.47 TO STA. 22+77.35



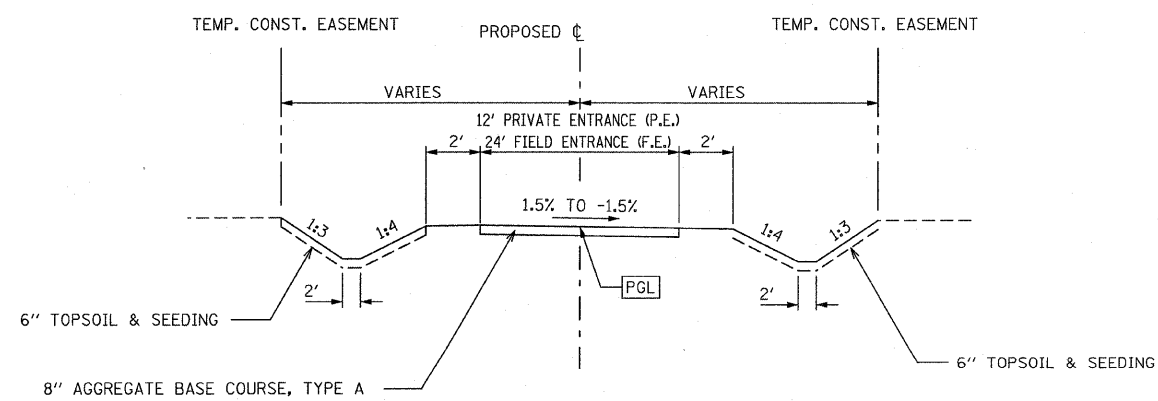
SUPERELEVATION DETAIL
FRONTAGE ROAD AND HEINE ROAD
FRONTAGE ROAD STA. 95+63.65 TO STA. 102+71.50
FRONTAGE ROAD STA. 103+15.25 TO STA. 111+00.27
HEINE ROAD STA. 10+51.06 TO STA. 17+61.93
*** TRANSITIONS
FRONTAGE ROAD SHOULDER TRANSITIONS FROM 6' TO 12' FROM STA. 99+71.50 TO STA. 102+71.50
FRONTAGE ROAD SHOULDER TRANSITIONS FROM 12' TO 6' FROM STA. 104+15.25 TO STA. 107+15.25



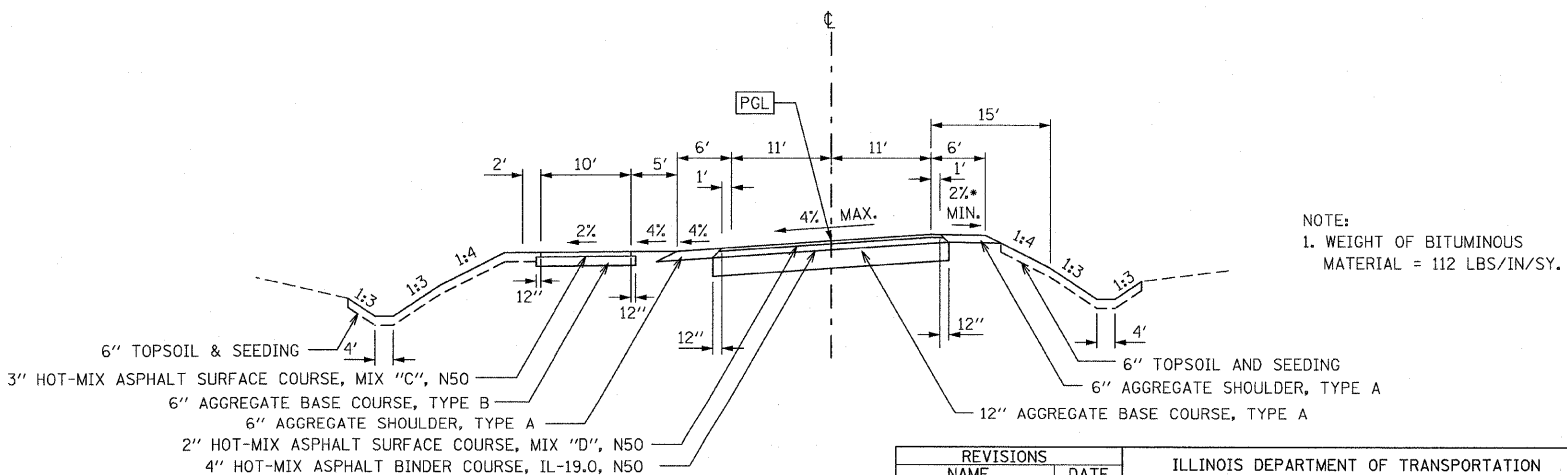
FRONTAGE ROAD ENTRANCE TYPICAL SECTION
FRONTAGE ROAD ENTRANCE STA. 6+00.00 TO STA. 7+68.36



SUPERELEVATION DETAIL
FRONTAGE ROAD STA. 102+71.50 TO STA. 103+15.25



PRIVATE ENTRANCE AND FIELD ENTRANCE
TYPICAL SECTION



SUPERELEVATION DETAIL
FRONTAGE ROAD AND HEINE ROAD
HEINE ROAD STA. 17+61.93 TO 21+70.47

* AGGREGATE BASE COURSE	DEPTH
STA. 95+40 TO 97+50	18"
** SHOT ROCK (QUARRY RUN GRANULAR EMBANKMENT)	DEPTH
STA. 97+50 TO 99+00	36" SHOT ROCK

NOTE:
1. WEIGHT OF BITUMINOUS MATERIAL = 112 LBS/IN²/SY.

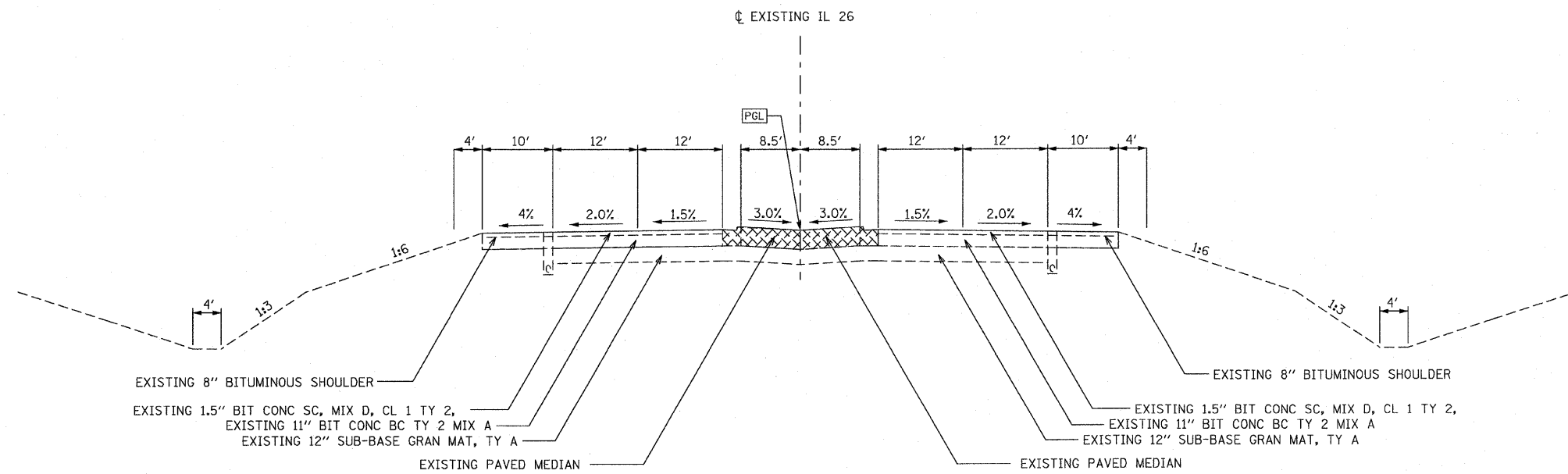
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

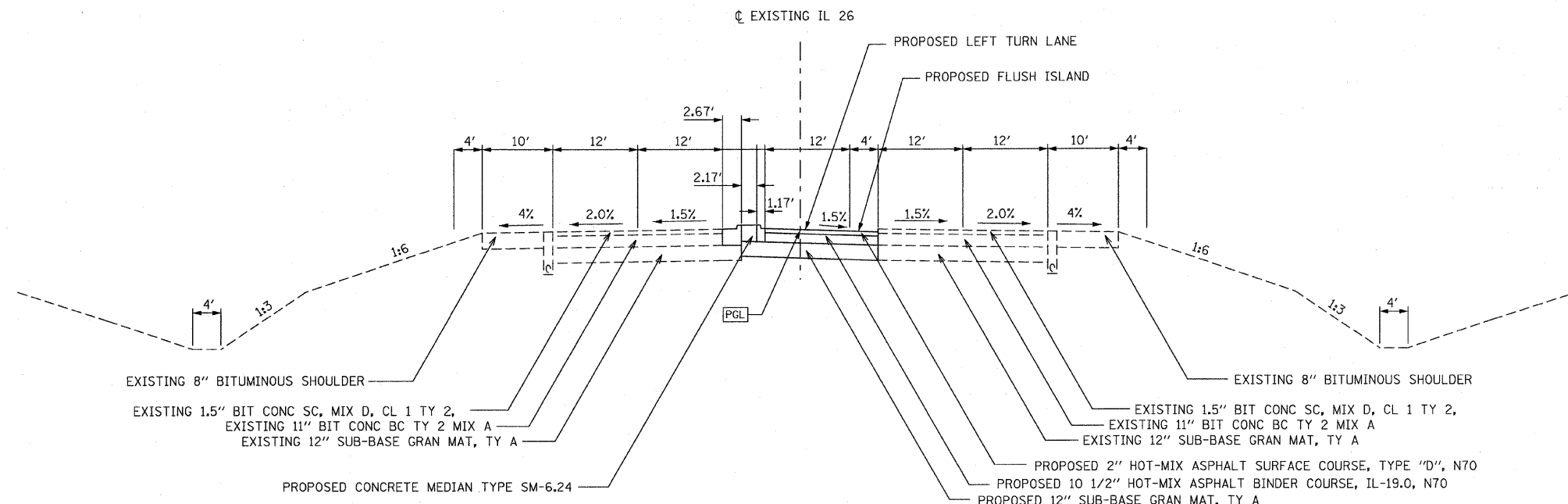
TYPICAL SECTIONS
FRONTAGE ROAD, HEINE ROAD
PRIVATE ENTRANCE & FIELD ENTRANCE
SCALE: NONE
DATE: 01-22-10
DRAWN BY SJV
CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, 2, VB-1)	STEPHENSON	386	22
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		TYP-8 OF 9		
CONTRACT# 64799				



EXISTING IL 26 TYPICAL SECTION
STA. 724+06.44 TO STA. 729+17.16



PROPOSED IL 26 TYPICAL SECTION
STA. 724+06.44 TO STA. 729+17.16

REMOVAL

REVISIONS	
NAME	DATE

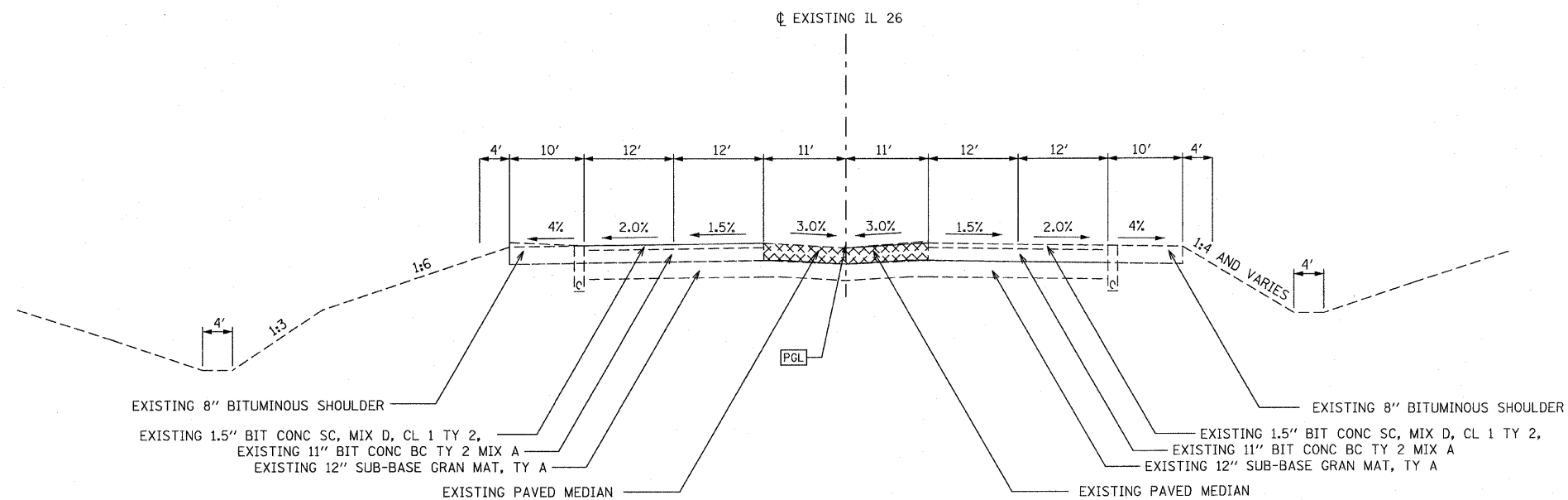
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

TYPICAL SECTIONS
IL 26

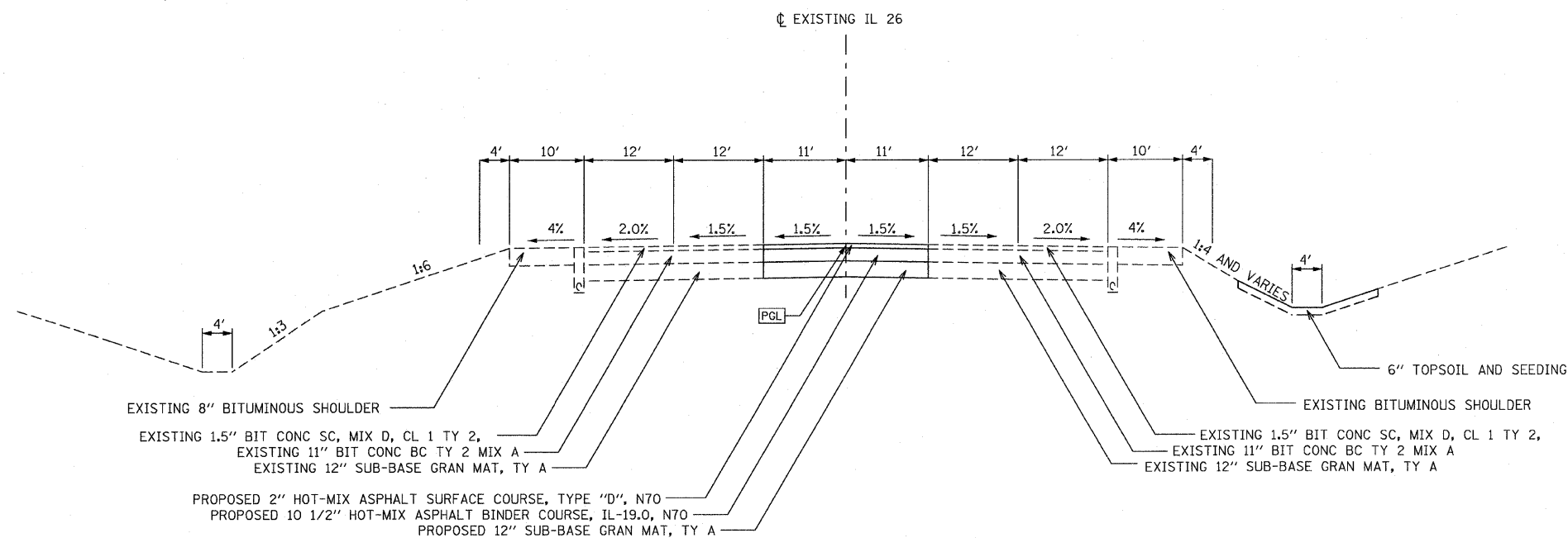


SCALE: NONE
DATE: 01-22-10
DRAWN BY: SJV
CHECKED BY: RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	23
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			TYP-9 OF 9	
CONTRACT# 64799				



EXISTING IL 26 TYPICAL SECTION
STA. 729+17.16 TO STA. 734+86.94



PROPOSED IL 26 TYPICAL SECTION
STA. 729+17.16 TO STA. 734+86.94

REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
**TYPICAL SECTIONS
IL 26**

SCALE: NONE
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		SCHED-01 OF 15		
CONTRACT #64799				

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)				
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
550+46		75	LT	12
550+50		75	LT	12
TOTAL FOR 1000-2A ROADWAY:				24
FRONTAGE ROAD				
98+72		13	LT	12
98+72		13	LT	12
129+57		30	RT	6
129+66		26	RT	14
129+76		11	RT	8
129+84		23	RT	12
130+05		18	LT	8
130+35		20	LT	10
130+36		38	RT	8
131+02		7	RT	6
139+17		41	LT	8
139+45		44	LT	12
158+43		6	LT	8
158+43		6	LT	8
158+52		7	LT	12
159+00		2	LT	8
159+00		18	RT	15
159+10		45	RT	15
166+31		12	LT	6
166+42		58	LT	10
167+04		40	LT	8
169+65		12	LT	6
FRONTAGE ENTRANCE				
100+00		82	LT	8
100+75		123	LT	12
HEINE ROAD				
18+64		26	LT	6
TOTAL FOR Y050 FRONTAGE ROAD:				238
TOTAL QUANTITY:				262

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
98+03		9	RT	20
99+72		48	RT	20
129+28		47	RT	20
129+33		33	RT	24
129+64		22	RT	16
129+87		8	RT	18
130+07		17	RT	16
139+25		45	LT	18
TOTAL FOR Y050 FRONTAGE ROAD:				152
TOTAL QUANTITY:				152

20101000 TEMPORARY FENCE				
STATION	OFFSET	STATION	OFFSET	UNIT
KLEVER RD				
5578+80		5582+65		465
TOTAL FOR Y046 BIKE PATH:				465
TOTAL QUANTITY:				465

20101100 TREE TRUNK PROTECTION				
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
570+68		135	LT	12
570+68		135	LT	8
TOTAL FOR 1000-2A ROADWAY:				20
FRONTAGE ROAD				
112+88		82	LT	10
112+99		87	LT	8
113+09		85	LT	12
132+91		51	RT	10
132+92		51	RT	10
TOTAL FOR Y050 FRONTAGE ROAD:				50
TOTAL QUANTITY:				70

20200300 EARTH EXCAVATION FOR EROSION CONTROL				
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
467+40		32	LT - SEDIMENT BASIN	80
504+14		91	LT - SEDIMENT BASIN	80
516+00		101	LT - SEDIMENT BASIN	80
530+72		111	LT - SEDIMENT BASIN	80
570+25		153	LT - SEDIMENT BASIN	80
583+90		163	LT - SEDIMENT BASIN	80
596+25		115	LT - SEDIMENT BASIN	80
TOTAL FOR 1000-2A ROADWAY:				560
FRONTAGE ROAD				
103+44		61	LT - SEDIMENT BASIN	80
104+18		60	LT - SEDIMENT BASIN	80
128+76		52	RT - SEDIMENT BASIN	80
129+66		50	RT - SEDIMENT BASIN	80
155+40		69	RT - SEDIMENT BASIN	80
156+54		70	RT - SEDIMENT BASIN	80
TOTAL FOR Y050 FRONTAGE ROAD:				480
TOTAL QUANTITY:				1,040

20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL				
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
477+00		536+64		3,760
544+49		569+10		23,680
570+64		631+00		3,270
US20 Excess Topsoil Removal				
477+00		536+64		11,650
544+49		569+10		2,730
570+64		631+00		4,085
TOTAL FOR 1000-2A ROADWAY:				49,175
FRONTAGE ROAD Excess Topsoil Removal				
95+92.35		133+00.00		450
133+00.00		182+00.00		-80
7+00.00		7+35.00		-75
HEINE ROAD Excess Topsoil Removal				
8+00.00	TO	22+38.96		160
7+00.00	TO	9+00.00		-120
TOTAL FOR Y050 FRONTAGE ROAD:				335
TOTAL QUANTITY:				49,510

20800150 TRENCH BACKFILL				
STATION	PIPE LENGTH	CU YDS/FT	UNIT	
FRONTAGE ROAD				
173+35	98	1.579	155	
175+85	86	0.723	62	
178+25	102	0.175	18	
179+60	135	0.116	16	
TOTAL FOR Y050 FRONTAGE ROAD:				250
TOTAL QUANTITY:				250

21101505 TOPSOIL EXCAVATION AND PLACEMENT			
STATION	STATION	UNIT	
US20			
477+00.00	536+63.92	11,830	
544+49.21	569+10.40	3,765	
570+64.37	631+00.00	9,730	
TOTAL FOR 1000-2A ROADWAY:			25,325
FRONTAGE ROAD			
95+92.35	133+00.00	5,425	
133+00.00	182+00.00	8,755	
7+00.00	7+35.00	75	
TOTAL FOR Y050 FRONTAGE ROAD:			16,330
TOTAL QUANTITY:			41,655

25000100 SEEDING, CLASS 1				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
171+00	RT	173+30	RT	0.07
174+00	RT	176+76	RT	0.05
177+18	RT	182+00	RT	0.16
173+00	LT	181+20	LT	0.75
181+56	LT	182+61	LT	0.13
TOTAL FOR Y050 FRONTAGE ROAD:				1.25
TOTAL QUANTITY:				1.25

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
SCHEDULE OF QUANTITIES

SCALE:
DATE: 01-22-10

DRAWN BY: AJP
CHECKED BY: RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
P-92-029-02		SCHED-02 OF 15		
CONTRACT #64799				

25000210 SEEDING, CLASS 2A					ACRE
STATION	OFFSET	STATION	OFFSET	UNIT	
US20					
466+96	RT	468+72	RT	0.11	
467+56	LT	468+45	LT	0.08	
477+00	RT	488+00	RT	0.92	
477+00	LT	488+00	LT	0.74	
488+00	RT	504+00	RT	1.34	
488+00	LT	504+00	LT	1.09	
504+00	RT	520+00	RT	1.34	
504+00	LT	520+00	LT	0.56	
520+00	RT	535+00	RT	1.26	
520+00	LT	535+00	LT	1.29	
535+00	RT	536+90	RT	0.14	
535+00	LT	536+44	LT	0.16	
544+24	RT	550+00	RT	0.49	
544+24	LT	550+00	LT	0.08	
550+00	RT	565+00	RT	1.26	
550+00	LT	565+00	LT	0.20	
565+00	RT	569+42	RT	0.39	
565+00	LT	569+50	LT	0.06	
570+65	RT	580+00	RT	0.79	
570+25	LT	580+00	LT	0.31	
579+77	LT	583+69	LT	0.06	
580+00	RT	595+00	RT	1.19	
580+00	LT	594+00	LT	0.77	
594+00	RT	607+00	RT	1.09	
594+00	LT	607+00	LT	1.34	
607+00	RT	620+00	RT	1.08	
607+00	LT	620+00	LT	1.05	
620+00	RT	631+75	RT	0.94	
620+00	LT	631+71	LT	1.14	
TOTAL FOR 1000-2A ROADWAY:					21.25
FRONTAGE ROAD					
96+00	RT	105+00	RT	0.56	
96+00	LT	101+85	LT	0.63	
102+18	LT	107+75	LT	0.85	
105+00	RT	120+00	RT	1.13	
108+20	LT	120+00	LT	1.20	
120+00	RT	135+00	RT	1.11	
120+00	LT	135+00	LT	1.52	
135+00	RT	150+00	RT	1.37	
135+00	LT	150+00	LT	1.98	
150+00	RT	165+00	RT	1.79	
150+00	LT	165+00	LT	1.49	
165+00	RT	171+00	RT	0.38	
165+00	LT	173+00	LT	0.49	
182+22	LT	184+54	LT	0.13	
TOTAL FOR Y050 FRONTAGE ROAD:					16.00
HEINE ROAD					
8+00	RT	20+60	RT	0.75	
8+00	LT	20+50	LT	0.65	
TOTAL FOR Y050 FRONTAGE ROAD:					16.00
TOTAL QUANTITY:					37.25

25000310 SEEDING, CLASS 4					ACRE
STATION	OFFSET	STATION	OFFSET	UNIT	
US20					
467+56	LT	468+45	LT	0.18	
477+00	LT	488+00	LT	2.01	
488+00	LT	504+00	LT	3.09	
504+00	LT	520+00	LT	1.56	
520+00	LT	535+00	LT	2.67	
545+00	LT	550+00	LT	0.34	
550+00	LT	565+00	LT	1.10	
565+00	LT	580+00	LT	1.93	
579+71	LT	583+91	LT	0.47	
580+00	LT	594+00	LT	1.23	
582+98	LT	585+09	LT	0.19	
594+00	LT	607+00	LT	0.54	
607+00	LT	620+00	LT	1.81	
620+00	LT	631+00	LT	1.14	
TOTAL FOR 1000-2A ROADWAY:					18.25
FRONTAGE ROAD					
96+00	LT	101+52	LT	0.34	
102+50	LT	105+00	LT	0.09	
105+00	LT	120+00	LT	2.74	
120+00	LT	135+00	LT	2.40	
123+00	RT	128+21	LT	0.19	
129+89	RT	134+09	RT	1.62	
135+00	LT	150+00	LT	2.47	
134+09	RT	142+00	RT	0.28	
142+00	RT	150+00	RT	0.87	
150+00	LT	165+00	LT	3.03	
150+00	RT	165+00	RT	0.29	
165+00	LT	170+00	LT	0.42	
165+00	RT	170+00	RT	0.04	
173+00	LT	176+00	LT	0.17	
178+00	LT	178+50	LT	0.06	
TOTAL FOR Y050 FRONTAGE ROAD:					15.25
HEINE ROAD					
13+00	LT	20+30	LT	0.13	
12+00	RT	20+50	RT	0.11	
TOTAL QUANTITY:					33.50

25000350 SEEDING, CLASS 7					ACRE
STATION	OFFSET	STATION	OFFSET	UNIT	
US20					
466+00	R+	-	472+00	C	0.21
477+00	LT	-	488+00	LT	1.06
488+00	LT	-	504+00	LT	1.54
504+00	LT	-	520+00	LT	1.54
520+00	LT	-	535+00	LT	1.45
535+00	LT	-	536+90	LT	0.18
544+52	LT	-	550+00	LT	0.53
550+00	LT	-	565+00	LT	1.45
565+00	LT	-	569+17	LT	0.40
569+17	LT	-	580+00	LT	0.81
580+00	LT	-	594+00	LT	1.46
594+00	LT	-	607+00	LT	1.26
607+00	LT	-	620+00	LT	1.25
620+00	LT	-	630+00	LT	0.96
TOTAL FOR 1000-2A ROADWAY:					14.00
TOTAL QUANTITY:					14.00

25000400 NITROGEN FERTILIZER NUTRIENT *				POUND	
	STATION	STATION	UNIT		
US20					
	476+00	488+00	542		
	488+00	504+00	627		
	504+00	520+00	507		
	520+00	535+00	581		
	535+00	537+25	62		
	544+50	550+00	122		
	550+00	565+00	355		
	565+00	569+10	119		
	570+65	579+00	245		
	579+00	594+00	404		
	594+00	607+00	375		
	607+00	620+00	462		
	620+00	631+00	376		
TOTAL FOR 1000-2A ROADWAY:					4,777
FR ROAD					
	95+50	105+00	182		
	105+00	120+00	337		
	120+00	135+00	308		
	135+00	150+00	365		
	150+00	165+00	184		
	165+00	175+00	163		
	175+00	182+00	111		
	HEINE RD	8+00	137		
TOTAL FOR Y050 FRONTAGE ROAD:					1,786
TOTAL QUANTITY:					6,563



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SCHEDULE OF QUANTITIES

SCALE: DATE: 01-22-10

DRAWN BY: AJP
 CHECKED BY: RMH

25000500 PHOSPHORUS FERTILIZER NUTRIENT *		POUND	
STATION	STATION	UNIT	
US20	476+00	488+00	542
US20	488+00	504+00	627
US20	504+00	520+00	507
US20	520+00	535+00	581
US20	535+00	537+25	62
US20	544+50	550+00	122
US20	550+00	565+00	355
US20	565+00	569+10	119
US20	570+65	579+00	245
US20	579+00	594+00	404
US20	594+00	607+00	375
US20	607+00	620+00	462
US20	620+00	631+00	376

TOTAL FOR 1000-2A ROADWAY: 4,777			
FR ROAD	95+50	105+00	182
FR ROAD	105+00	120+00	337
FR ROAD	120+00	135+00	308
FR ROAD	135+00	150+00	365
FR ROAD	150+00	165+00	184
FR ROAD	165+00	175+00	163
FR ROAD	175+00	182+00	111
HEINE RD	8+00	20+50	137

TOTAL FOR Y050 FRONTAGE ROAD: 1,786

TOTAL QUANTITY: 6,563

25000600 POTASSIUM FERTILIZER NUTRIENT *		POUND	
STATION	STATION	UNIT	
US20	476+00	488+00	542
US20	488+00	504+00	627
US20	504+00	520+00	507
US20	520+00	535+00	581
US20	535+00	537+25	62
US20	544+50	550+00	122
US20	550+00	565+00	355
US20	565+00	569+10	119
US20	570+65	579+00	245
US20	579+00	594+00	404
US20	594+00	607+00	375
US20	607+00	620+00	462
US20	620+00	631+00	376

TOTAL FOR 1000-2A ROADWAY: 4,777			
FR ROAD	95+50	105+00	182
FR ROAD	105+00	120+00	337
FR ROAD	120+00	135+00	308
FR ROAD	135+00	150+00	365
FR ROAD	150+00	165+00	184
FR ROAD	165+00	175+00	163
FR ROAD	175+00	182+00	111
HEINE RD	8+00	20+50	137

TOTAL FOR Y050 FRONTAGE ROAD: 1,786

TOTAL QUANTITY: 6,563

25000750 MOWING		ACRE		
STATION	OFFSET	STATION	OFFSET	UNIT
US20 SEEDING CLASS 2A				
477+00	RT	488+00	RT	0.92
477+00	LT	488+00	LT	0.74
488+00	RT	504+00	RT	1.34
488+00	LT	504+00	LT	1.09
504+00	RT	520+00	RT	1.34
504+00	LT	520+00	LT	0.56
520+00	RT	535+00	RT	1.26
520+00	LT	535+00	LT	1.29
535+00	RT	536+90	RT	0.14
535+00	LT	536+44	LT	0.16
544+24	RT	550+00	RT	0.49
544+24	LT	550+00	LT	0.08
550+00	RT	565+00	RT	1.26
550+00	LT	565+00	LT	0.20
565+00	RT	569+42	RT	0.39
565+00	LT	569+50	LT	0.06
570+65	RT	580+00	RT	0.79
570+25	LT	580+00	LT	0.31
580+00	RT	595+00	RT	1.19
580+00	LT	594+00	LT	0.77
594+00	RT	607+00	RT	1.09
594+00	LT	607+00	LT	1.34
607+00	RT	620+00	RT	1.08
607+00	LT	620+00	LT	1.05
620+00	RT	631+75	RT	0.94
620+00	LT	631+71	LT	1.14

TOTAL FOR 1000-2A ROADWAY: 21.25				
FRONTAGE ROAD SEEDING CLASS 1				
171+00	RT	173+30	RT	0.07
174+00	RT	176+76	RT	0.05
177+18	RT	182+00	RT	0.16
173+00	LT	181+20	LT	0.75

FRONTAGE ROAD SEEDING CLASS 2A				
96+00	RT	105+00	RT	0.56
96+00	LT	101+85	LT	0.63
102+18	LT	107+75	LT	0.85
105+00	RT	120+00	RT	1.13
108+20	LT	120+00	LT	1.20
120+00	RT	135+00	RT	1.11
120+00	LT	135+00	LT	1.52
135+00	RT	150+00	RT	1.37
135+00	LT	150+00	LT	1.98
150+00	RT	165+00	RT	1.79
150+00	LT	165+00	LT	1.49
165+00	RT	171+00	RT	0.38
165+00	LT	173+00	LT	0.49

HEINE ROAD SEEDING CLASS 2A				
8+00	RT	20+60	RT	0.75
8+00	LT	20+50	LT	0.65

TOTAL FOR Y050 FRONTAGE ROAD: 16.00

TOTAL QUANTITY: 37.25

25000775 SELECTIVE MOWING STAKES		EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
477+00	LT	488+00	LT	44
488+00	LT	504+00	LT	64
504+00	LT	520+00	LT	64
520+00	LT	535+00	LT	60
545+00	LT	550+00	LT	20
545+00	LT	565+00	LT	80
565+00	LT	580+00	LT	60
580+00	LT	594+00	LT	56
594+00	LT	607+00	LT	52
607+00	LT	620+00	LT	52
620+00	LT	631+00	LT	44

TOTAL FOR 1000-2A ROADWAY: 596				
FRONTAGE ROAD				
96+00	LT	101+52	LT	22
102+50	LT	105+00	LT	10
105+00	LT	120+00	LT	60
120+00	LT	135+00	LT	60
123+00	RT	128+21	LT	21
129+89	RT	134+09	RT	17
135+00	LT	150+00	LT	60
143+00	RT	150+00	RT	28
150+00	LT	165+00	LT	60
150+00	RT	165+00	RT	60
165+00	LT	170+00	LT	20
165+00	RT	170+00	RT	20
HEINE ROAD				
13+00	LT	20+30	LT	29
12+00	RT	20+50	RT	34

TOTAL FOR Y050 FRONTAGE ROAD: 501

TOTAL QUANTITY: 1097

25001845 SEEDING CLASS 7 (SPECIAL)		ACRE	
WETLAND AREA		2.3	
RIM AREA AROUND DEEP WATER POND		3.0	
TOTAL		5.3	

25100115 MULCH, METHOD 2		ACRE		
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
AREA FROM CLASS 4 SEEDING			18.08	
AREA FROM CLASS 6 (MODIFIED SEEDING)			21.09	
AREA OF EROSION CONTROL BLANKET (NOT INCLUDED)			-22.51	
TOTAL FOR 1000-2A ROADWAY: 17				
FRONTAGE ROAD				
AREA FROM CLASS 1 (MODIFIED SEEDING)			1.03	
AREA FROM CLASS 4 SEEDING			14.48	
AREA FROM CLASS 6 (MODIFIED SEEDING)			14.50	
AREA OF EROSION CONTROL BLANKET (NOT INCLUDED)			-13.03	
HEINE ROAD				
AREA FROM CLASS 4 SEEDING			0.24	
AREA FROM CLASS 6 (MODIFIED SEEDING)			1.40	
AREA OF EROSION CONTROL BLANKET (NOT INCLUDED)			-1.48	

TOTAL FOR Y050 FRONTAGE ROAD: 17

TOTAL QUANTITY: 34

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
SCHEDULE OF QUANTITIES



28000500 INLET AND PIPE PROTECTION					EACH
STATION	OFFSET	-	STATION	OFFSET	UNIT
US20					
528+00	0.00	CL			1
552+00	0.00	CL			1
572+00	0.00	CL			1
598+25	0.00	CL			1
601+50	0.00	CL			1
629+90	115.00	LT			2

TOTAL FOR 1000-2A ROADWAY: 7

FRONTAGE ROAD					EACH
STATION	OFFSET	-	STATION	OFFSET	UNIT
96+81	41.00	LT			1
101+57	42.00	LT			1
129+86	71.00	LT			2
145+68	31.00	RT			1
152+00	57.00	LT			1
173+35	23.00	RT			1
175+85	23.00	RT			2
178+25	23.00	RT			2
179+60	130.00	LT			1

TOTAL FOR Y050 FRONTAGE ROAD: 12

TOTAL QUANTITY: 19

28001000 AGGREGATE (EROSION CONTROL)					TON
STATION	OFFSET	-	STATION	OFFSET	UNIT
US20					
115.0 LBS/SY/IN 12" THICKNESS					
467+40	32	LT	SEDIMENT BASIN		1.84
504+14	91	LT	SEDIMENT BASIN		1.84
516+00	101	LT	SEDIMENT BASIN		1.84
530+72	111	LT	SEDIMENT BASIN		1.84
531+20	120	LT	LEVEL SPREADER		9.00
570+25	153	LT	SEDIMENT BASIN		1.84
583+90	163	LT	SEDIMENT BASIN		1.84
596+25	115	LT	SEDIMENT BASIN		1.84
639+66	82	LT	SEDIMENT BASIN		1.84

TOTAL FOR 1000-2A ROADWAY: 24

FRONTAGE ROAD					EACH
STATION	OFFSET	-	STATION	OFFSET	UNIT
103+44	61	LT	SEDIMENT BASIN		1.84
104+18	60	LT	SEDIMENT BASIN		1.84
128+76	52	RT	SEDIMENT BASIN		1.84
129+66	50	RT	SEDIMENT BASIN		1.84
155+40	69	RT	SEDIMENT BASIN		1.84
156+54	70	RT	SEDIMENT BASIN		1.84

TOTAL FOR Y050 FRONTAGE ROAD: 11

TOTAL QUANTITY: 35

28100105 STONE RIPRAP, CLASS A3					SQ YD
STATION	WIDTH	-	STATION	WIDTH	UNIT
US20					
572+94	16	LT	573+18	16	43

TOTAL FOR 1000-2A ROADWAY: 43

FRONTAGE ROAD					EACH
STATION	WIDTH	-	STATION	WIDTH	UNIT
147+26	5	RT	147+42	6	10
170+00	RT 6 X 10 AT CURB OUTLET				7
173+35	LT 16 X 20 AT LATERAL OUTLET				35
175+85	LT 32 X 20 AT LATERAL OUTLET				35
178+25	LT 32 X 20 AT LATERAL OUTLET				35
180+00	LT 6 X 10 AT CURB OUTLET				7

TOTAL FOR Y050 FRONTAGE ROAD: 128

TOTAL QUANTITY: 171

28100107 STONE RIPRAP, CLASS A4							SQ YD
STATION	WIDTH	-	STATION	WIDTH	UNIT		
US20							
504+00	20	LT	504+35	20	LT	78	
527+91	20	LT	528+23	20	LT	78	
551+96	20	LT	552+22	20	LT	58	
598+19	20	LT	598+47	20	LT	62	
601+44	17	LT	601+59	17	LT	28	
AT WETLAND/EDROW PIT 4 @ 20 X 20							312

TOTAL FOR 1000-2A ROADWAY: 616

HEINE ROAD							EACH
STATION	WIDTH	-	STATION	WIDTH	UNIT		
11+44	17	RT	11+59	17	RT	28	
22+03	22	LT	22+09	22	LT	15	
FRONTAGE ROAD							
96+79	17	RT	96+85	17	RT	11	
102+35	7	LT	102+57	9	LT	20	
129+28	20	RT	129+44	20	RT	36	
129+88	20	LT	129+80	20	LT	33	
151+91	20	RT	152+23	20	RT	71	
FR ENTRANCE ROAD							
7+35	LT 18 X 20 AT CULVERT OUTLET				40		
7+35	RT 18X10 AT CULVERT OUTLET				40		

TOTAL FOR Y050 FRONTAGE ROAD: 294

US RTE 20 OVER PECATONICA RIVER	883
US RTE 20 OVER JANE ADDAMS TRAIL	139

TOTAL QUANTITY: 1,932

28100109 STONE RIPRAP, CLASS A5					SQ YD
STATION	WIDTH	-	STATION	WIDTH	UNIT
FRONTAGE ROAD					
155+70	35	RT	156+10	35	156

TOTAL FOR Y050 FRONTAGE ROAD: 156

TOTAL QUANTITY: 156

28200200 FILTER FABRIC					SQ YD
STATION	OFFSET	-	STATION	OFFSET	UNIT

US20					
FROM STONE RIPRAP, CLASS A4					
FROM AGGREGATE DITCH, 12"					
					304
					120

TOTAL FOR 1000-2A ROADWAY: 424

FRONTAGE ROAD					
FROM STONE RIPRAP, CLASS A4					
FROM STONE RIPRAP, CLASS A5					
					294
					156

TOTAL FOR Y050 FRONTAGE ROAD: 450

US RTE 20 OVER PECATONICA RIVER	883
US RTE 20 OVER JANE ADDAMS TRAIL	139

TOTAL QUANTITY: 1,896

28300400 AGGREGATE DITCH					TON
STATION	OFFSET	-	STATION	OFFSET	UNIT

US20					
502+00	170.00	LT	502+35	94.00	81

TOTAL FOR 1000-2A ROADWAY: 81

TOTAL QUANTITY: 81

31100500 SUB-BASE GRANULAR MATERIAL, TYPE A 6"					SQ YD
STATION	OFFSET	-	STATION	OFFSET	UNIT

US20					
576+25.00	8.5	RT	590+66.00	8.5	1,361
576+25.00	10.5	RT	590+66.00	10.5	1,681

TOTAL FOR 1000-2A ROADWAY: 3,042

TOTAL QUANTITY: 3,042

35100100 AGGREGATE BASE COURSE, TYPE A					TON
STATION	WIDTH (FT)	-	STATION	WIDTH (FT)	UNIT

IL 26 TEMP PAVEMENT					
726+86.00			729+20.00		1,073

TOTAL FOR 1000-1A IL26 1073.2

FRONTAGE ROAD					
124+50.00	26		126+50.00	26	194
133+50.00	26		142+00.00	26	825
KLEVER RD/CUL DE SAC					
5580+06			5583+67		1,011
FRONTAGE ROAD					
97+50.00	26		123+50.00	26	5,047
127+50.00	26		132+50.00	26	971
143+00.00	26		170+38.72	26	5,317
170+38.72	36		175+00.00	36	1,240

FRONTAGE RD ENTRANCE					
6+15			7+68.36		1,180

HEINE ROAD					
8+00.00	26		22+77.35	26	2,868

FRONTAGE ROAD					
95+50.00	26		97+50.00	26	582
123+50.00	26		124+50.00	26	291
126+50.00	26		127+50.00	26	291
132+50.00	26		133+50.00	26	291
142+00.00	26		143+00.00	26	291
175+00.00	36		182+06.98	36	2,851

FRONTAGE RD & FRONTAGE RD ENTRANCE TEMP PAVEMENT					
					1,507

TOTAL FOR Y050 FRONTAGE ROAD: 24,758

BIKE PATH TEMPORARY PARKING LOT					
5578+96.81			5581+97.97		1,031

TOTAL FOR Y046 BIKE PATH: 1,031

TOTAL QUANTITY: 26,862

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
SCHEDULE OF QUANTITIES

SCALE:
DATE: 01-22-10

DRAWN BY: AJP
CHECKED BY: RMF



STATION	WIDTH	TYPE OF ENTRANCE	UNIT	TON
35101400 AGGREGATE BASE COURSE, TYPE B				
BIKE PATH				
102+20.00	LT 12	- 105+00.00	LT 12	125
105+00.00	LT 12	- 120+00.00	LT 12	672
120+00.00	LT 12	- 135+00.00	LT 12	672
135+00.00	LT 12	- 150+00.00	LT 12	672
150+00.00	LT 12	- 165+00.00	LT 12	672
165+00.00	LT 12	- 175+00.00	LT 12	448
175+00.00	LT 12	- 179+33.50	LT 12	194
179+33.50	LT 12	- 7+68.36	LT 12	90
TOTAL FOR Y046* BIKE PATH: 3545				
KLEVER ROAD				
5579+86	LT	PRIVATE ENTRANCE		31
5580+35	LT	FIELD ENTRANCE		48
FLUEGEL FIELD ACCESS				
10+20.00	30	13+27.00		441
FRONTAGE ROAD				
99+86.00	LT	FIELD ENTRANCE		173
113+00.00	RT	FIELD ENTRANCE		209
141+00.00	RT	FIELD ENTRANCE		368
159+00.00	RT	PRIVATE ENTRANCE		175
162+00.00	RT	PRIVATE ENTRANCE		141
165+50.00	RT	PRIVATE ENTRANCE		93
167+00.00	RT	PRIVATE ENTRANCE		79
168+10.00	RT	PRIVATE ENTRANCE		176
173+75.00	RT	COMMERCIAL ENTRANCE		42
176+90.00	RT	COMMERCIAL ENTRANCE		55
180+27.00	RT	COMMERCIAL ENTRANCE		38
TOTAL FOR Y050 FRONTAGE ROAD: 2069				
TOTAL QUANTITY: 5,614				

STATION	WIDTH	LENGTH	UNIT	CU YD
40200900 AGGREGATE SURFACE COURSE, TYPE B				
KLEVER ROAD/BIKE PATH				
5582+75.00	16	- 2300		227
TOTAL FOR Y046* BIKE PATH: 227				
*AGGREGATE FOR LENGTH OF KLEVER ROAD FROM TEMPORARY PARKING LOT TO TIE IN POINT WITH EXISTING BIKE PATH.				
TOTAL QUANTITY: 227				
40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT				
HEINE ROAD				
8+00.00		8+00.00	34	38
FRONTAGE ROAD				
95+50		95+50	21	23
TOTAL FOR Y050 FRONTAGE ROAD: 61				
TOTAL QUANTITY: 61				

STATION	WIDTH	STATION	WIDTH	UNIT	GAL
40300300 BITUMINOUS MATERIALS (COVER AND SEAL COATS)					
KLEVER ROAD/BIKE PATH					
5574+10	16	- 5577+80	16	329	
TOTAL FOR Y046* BIKE PATH: 329					
TOTAL QUANTITY: 329					
40600200 BITUMINOUS MATERIALS (PRIME COAT)					
AT APPLICATION RATE OF 0.00143 TONS/SQ YD					
US20					
576+25.00	RT 6	- 590+66.00	RT 6	2.7	
576+25.00	RT 10	- 590+66.00	RT 10	4.6	
TOTAL FOR 1000-2A ROADWAY: 7.3					
IL 26					
724+30		- 734+87	21	7.8	
TOTAL FOR 1000-1A IL 26: 7.8					
FRONTAGE ROAD					
95+50.00	24.5	105+00.00	24.5	7.4	
105+00.00	24.5	120+00.00	24.5	11.7	
120+00.00	24.5	135+00.00	24.5	11.7	
135+00.00	24.5	150+00.00	24.5	11.7	
150+00.00	24.5	165+00.00	24.5	11.7	
165+00.00	24.5	170+39.73	24.5	4.2	
170+39.73	30.0	175+00.00	30.0	4.4	
175+00.00	30.0	182+06.98	30.0	6.7	
HEINE ROAD					
8+00.00	24.5	- 22+77.35	24.5	11.5	
FRONTAGE RD ENTRANCE					
6+15.00		- 7+68.36		5.0	
KLEVER RD/CUL DE SAC					
5580+06		- 5583+67		4.6	
FRONTAGE RD & FRONTAGE RD ENTRANCE TEMP PAVEMENT					
TOTAL FOR Y050 FRONTAGE ROAD: 100.2					
BIKE PATH					
102+20.90	LT 10	- 102+37.45	LT 10	0.0	
102+37.45	LT 10	- 105+00.00	LT 10	0.4	
105+00.00	LT 10	- 120+00.00	LT 10	2.4	
120+00.00	LT 10	- 135+00.00	LT 10	2.4	
135+00.00	LT 10	- 150+00.00	LT 10	2.4	
150+00.00	LT 10	- 165+00.00	LT 10	2.4	
165+00.00	LT 10	- 175+00.00	LT 10	1.6	
175+00.00	LT 10	- 179+33.50	LT 10	0.7	
179+33.50	LT 10	- 7+68.36	LT 10	0.3	
BIKE PATH HEINE ROAD					
8+00.00	LT 10	- 22+38.96	LT 10	2.3	
TOTAL FOR Y046* BIKE PATH: 14.9					
TOTAL QUANTITY: 130.2					

STATION	WIDTH (FT)	STATION	WIDTH (FT)	UNIT	TON
40600300 AGGREGATE (PRIME COAT)					
AT MAX. APPLICATION RATE OF 0.0015 TONS/SQ YD					
US20					
576+25.00	RT 6	- 590+66.00	RT 6	3	
576+25.00	RT 10	- 590+66.00	RT 10	5	
TOTAL FOR 1000-2A ROADWAY: 8					
IL 26					
724+30		- 734+87	21	3	
TOTAL FOR 1000-1A IL 26: 3					
FRONTAGE ROAD					
95+50.00	24.5	105+00.00	24.5	4	
105+00.00	24.5	120+00.00	24.5	6	
120+00.00	24.5	135+00.00	24.5	6	
135+00.00	24.5	150+00.00	24.5	6	
150+00.00	24.5	165+00.00	24.5	6	
165+00.00	24.5	170+39.73	24.5	2	
170+39.73	30.0	175+00.00	30.0	2	
175+00.00	30.0	182+06.98	30.0	4	
HEINE ROAD					
8+00.00	24.5	- 22+77.35	24.5	6	
FRONTAGE RD ENTRANCE					
6+15.00		- 7+68.36		3	
KLEVER RD/CUL DE SAC					
5580+06		- 5583+67		2	
FRONTAGE RD & FRONTAGE RD ENTRANCE TEMP PAVEMENT					
TOTAL FOR Y050 FRONTAGE ROAD: 52					
TOTAL QUANTITY: 63					
40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50					
FRONTAGE ROAD					
95+50.00	24.5	105+00.00	24.5	579	
105+00.00	24.5	120+00.00	24.5	915	
120+00.00	24.5	135+00.00	24.5	915	
135+00.00	24.5	150+00.00	24.5	915	
150+00.00	24.5	165+00.00	24.5	915	
165+00.00	24.5	170+39.73	24.5	329	
170+39.73	30.0	175+00.00	30.0	344	
175+00.00	30.0	182+06.98	30.0	528	
DRIVEWAY STA. 176+24.67					
DRIVEWAY STA. 179+98.70					
HEINE ROAD					
8+00.00	24.5	- 22+77.35	24.5	901	
FRONTAGE RD ENTRANCE					
6+15		- 7+68.36		393	
KLEVER RD/CUL DE SAC					
5580+06		- 5583+67		337	
FRONTAGE RD & FRONTAGE RD ENTRANCE TEMP PAVEMENT					
TOTAL FOR Y050 FRONTAGE ROAD: 7,376					
TOTAL QUANTITY: 7,376					

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SCHEDULE OF QUANTITIES

SCALE: _____ DRAWN BY: AJP
 DATE: 01-22-10 CHECKED BY: RMH



40603085 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 TON				
STATION	WIDTH (FT)	STATION	WIDTH (FT)	UNIT
IL26	724+30.00	- 734+86.92		1,075.0
TOTAL FOR 1000-1A IL26				1,075
TOTAL QUANTITY:				1,075

40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 TON				
STATION	WIDTH (FT)	STATION	WIDTH (FT)	UNIT
US20	576+25.00 RT 6	- 590+66.00 RT 6		108
	576+25.00 RT 10	- 590+66.00 RT 10		179
TOTAL FOR 1000-2A ROADWAY:				287

BIKE PATH FRONTAGE ROAD				
	102+20.90 LT 10	- 102+37.45 LT 10		3
	102+37.45 LT 10	- 105+00.00 LT 10		49
	105+00.00 LT 10	- 120+00.00 LT 10		280
	120+00.00 LT 10	- 135+00.00 LT 10		280
	135+00.00 LT 10	- 150+00.00 LT 10		280
	150+00.00 LT 10	- 165+00.00 LT 10		280
	165+00.00 LT 10	- 175+00.00 LT 10		187
	175+00.00 LT 10	- 179+33.50 LT 10		81
	179+33.50 LT 10	- 7+68.36 LT 10		37
BIKE PATH HEINE ROAD				
	8+00.00 LT 10	- 22+38.96 LT 10		269
TOTAL FOR Y046 BIKE PATH:				1,746
TOTAL QUANTITY:				2,033

40603335 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 TON				
STATION	WIDTH (FT)	STATION	WIDTH (FT)	UNIT
IL 26 TEMP PAVEMENT	726+86.00	72920		358
TOTAL FOR 1000-1A IL26				358
FRONTAGE ROAD				
	95+50.00 24.5	105+00.00 24.5		290
	105+00.00 24.5	120+00.00 24.5		457
	120+00.00 24.5	135+00.00 24.5		457
	135+00.00 24.5	150+00.00 24.5		457
	150+00.00 24.5	165+00.00 24.5		457
	165+00.00 24.5	170+39.73 24.5		165
	170+39.73 30.0	175+00.00 30.0		172
	DRIVEWAY STA. 173+00.00			10
	175+00.00 30.0	182+06.98 30.0		264
	DRIVEWAY STA. 176+24.67			14
	DRIVEWAY STA. 179+98.70			10
HEINE ROAD				
	8+00.00 24.5	- 22+77.35 24.5		450
FRONTAGE RD ENTRANCE				
	6+15.00	- 7+68.36		197
KLEVER RD/CUL DE SAC				
	5580+06	- 5583+67		169
FRONTAGE RD & FRONTAGE RD ENTRANCE TEMP PAVEMENT				
				377
TOTAL FOR Y050 FRONTAGE ROAD:				3,945
TOTAL QUANTITY:				4,303

40603340 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 TON				
STATION	WIDTH (FT)	STATION	WIDTH (FT)	UNIT
IL26	724+30.00	- 734+86.92		205
TOTAL FOR Y050 FRONTAGE ROAD:				205
TOTAL QUANTITY:				205

44000100 PAVEMENT REMOVAL SQ YD				
STATION	OFFSET	STATION	OFFSET	UNIT
US20	576+25.00 RT	- 590+66.00 RT		1,175
	576+25.00 RT	- 590+66.00 RT		897
TOTAL FOR 1000-2A ROADWAY:				2,072
IL 26	729+07.38	734+86.92		1,392
TOTAL FOR 1000-1A IL 26				1,392
FAIRVIEW ROAD				
	North Access			1,419
	South Access			1,050
FRONTAGE ROAD				
	171+40.77	182+01.95		3,730
FRONTAGE RD. ENT.				
	6+00.00	7+68.36		702
HEINE ROAD				
	8+00.00	19+05.00		2,605
	19+05.00	95+50.00		1,900
TOTAL FOR Y050 FRONTAGE ROAD:				11,405
TOTAL QUANTITY:				14,869

44000200 DRIVEWAY PAVEMENT REMOVAL SQ YD				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
	173+68 RT	- 174+19 RT		72
	176+60 RT	- 177+36 RT		113
	180+08 RT	- 180+49 RT		65
TOTAL FOR Y050 FRONTAGE ROAD:				251
TOTAL QUANTITY:				251

44000500 COMBINATION CURB AND GUTTER REMOVAL FOOT				
STATION	OFFSET	STATION	OFFSET	UNIT
US26	724+06.0 LT/RT	- 729+15.00 LT/RT		1,018
TOTAL FOR 1000-1A US26				1,018
FRONTAGE ROAD				
	171+38.6 LT	- 180+59.5 LT		990
	171+43.53 RT	- 176+78.09 RT		535
	177+13.73 RT	- 182+12.48 RT		516
TOTAL FOR Y050 FRONTAGE ROAD:				2,041
TOTAL QUANTITY:				3,059

44002020 CONCRETE MEDIAN SURFACE REMOVAL SQ FT				
STATION	OFFSET	STATION	OFFSET	UNIT
IL 26	724+06 17	- 729+07 17		8,517
TOTAL FOR 1000-1A IL 26				8,517
TOTAL QUANTITY:				8,517

44004250 PAVED SHOULDER REMOVAL SQ YD				
STATION	OFFSET	STATION	OFFSET	UNIT
US20	576+25.0 RT	- 590+66.00 RT		1,601
	576+25.0 RT	- 590+66.00 RT		1,601
TOTAL FOR 1000-2A ROADWAY:				3,202
TOTAL QUANTITY:				3,202

48100100 AGGREGATE SHOULDERS, TYPE A TON				
STATION	WIDTH (FT)	STATION	WIDTH (FT)	UNIT
US20	576+25.00 RT 2.5	- 590+66.00 RT 2.5		359
TOTAL FOR 1000-2A ROADWAY:				359
FRONTAGE ROAD				
	95+50.00 LT/RT 6	- 105+00.00 LT/RT 6		426
	105+00.00 LT/RT 6	- 120+00.00 LT/RT 6		672
	120+00.00 LT/RT 6	- 135+00.00 LT/RT 6		672
	135+00.00 LT/RT 6	- 150+00.00 LT/RT 6		672
	150+00.00 LT/RT 6	- 165+00.00 LT/RT 6		672
	165+00.00 LT/RT 6	- 170+39.73 LT/RT 6		242
FRONTAGE RD ENTRANCE				
	LT 10	- LT 10		102
	RT 10	- RT 10		92
HEINE ROAD				
	8+00.00 LT/RT 6	- 22+77.35 LT/RT 6		662
TOTAL FOR Y050 FRONTAGE ROAD:				4,212
TOTAL QUANTITY:				4,571

48203021 HOT-MIX ASPHALT SHOULDERS, 6" SQ YD				
STATION	WIDTH (FT)	STATION	WIDTH (FT)	UNIT
US20	576+25.00 RT 6	- 590+66.00 RT 6		961
	576+25.00 RT 10	- 590+66.00 RT 10		1,601
TOTAL FOR 1000-2A ROADWAY:				2,562
TOTAL QUANTITY:				2,562

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SCHEDULE OF QUANTITIES

SCALE: DRAWN BY AJP
 DATE: 01-22-10 CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02		CONTRACT #64799		
				SCHED-08 OF 15

50104400 CONCRETE HEADWALL REMOVAL EACH				
STATION	OFFSET	-	STATION	OFFSET UNIT
FRONTAGE ROAD	155+88.0		RT	1
TOTAL FOR Y050 FRONTAGE ROAD: 1				
TOTAL QUANTITY: 1				

50105200 REMOVE EXISTING CULVERTS EACH				
STATION	WIDTH (FT)	-	STATION	WIDTH (FT) UNIT
US20	468+00		LT	1
	530+40		RT	1
TOTAL FO 2				
FRONTAGE ROAD	96+82		CL	1
	155+90		RT	1
	7+35		CL	2
TOTAL FO 4				
TOTAL QUANTITY: 6				

50800105 REINFORCEMENT BARS POUND				
STATION	WIDTH (FT)	-	STATION	WIDTH (FT) UNIT
US20	629+91		LT (FOR CONCRETE COLLARS)	29
TOTAL FO 29				
FRONTAGE ENT	7+35		LT (FOR CONCRETE COLLARS)	45
	7+35		RT (FOR CONCRETE COLLARS)	45
TOTAL FO 90				
FRONTAGE ROAD OVER "WESTERN" TRIB. TO PECATONICA SN:089-2Q8 52,500				
FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2Q25 1,020				
TOTAL QUANTITY: 53,639				

542A1069 PIPE CULVERTS, CLASS A, TYPE 2 24" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
US19	572+00.00		CL	64
US20	552+00.00		CL	82
US20	598+25.00		CL	101
US20	601+50.00		CL	95
TOTAL FOR 1000-2A ROADWAY: 342				
TOTAL QUANTITY: 342				

542A1081 PIPE CULVERTS, CLASS A, TYPE 2 36" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
US 20	528+00.00		CL	90
TOTAL FOR 1000-2A ROADWAY: 90				
TOTAL QUANTITY: 90				

542A1921 PIPE CULVERTS, CLASS A, TYPE 3 36" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
US20	629+90.94		LT	63
TOTAL FOR 1000-2A ROADWAY: 63				
TOTAL QUANTITY: 63				

542C0229 PIPE CULVERTS, CLASS C, TYPE 1 24" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
US20	572+00.00		LT	58
TOTAL FOR 1000-2A ROADWAY: 58				
TOTAL QUANTITY: 58				

542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
TEMPORARY BIKE PARKING LOT				
	5579+08.45			35
	5581+87.55			35
TOTAL FOR Y046* BIKE PATH: 70				
TOTAL QUANTITY: 70				

542D0223 PIPE CULVERTS, CLASS D, TYPE 1 18" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
AT WETLAND/BORROW PIT				
				50
AT WETLAND/BORROW PIT				
				50
TOTAL FOR 1000-2A ROADWAY: 100				
162+00			RT	44
165+50			RT	44
TOTAL FOR Y050 FRONTAGE ROAD: 88				
TOTAL QUANTITY: 188				

542D0241 PIPE CULVERTS, CLASS D, TYPE 1 36" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
US20 - FLUEGEL FIELD-TO-FIELD ACCESS				
	12+35.00			173
TOTAL FOR 1000-2A ROADWAY: 173				
TOTAL QUANTITY: 173				

542D1069 PIPE CULVERTS, CLASS D, TYPE 2 24" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
FRONTAGE ROAD				
	141+00		RT	74
	159+00		RT	90
TOTAL FOR Y050 FRONTAGE ROAD: 164				
TOTAL QUANTITY: 164				

542D1075 PIPE CULVERTS, CLASS D, TYPE 2 30" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
FRONTAGE				
	96+81.51		RT	64
TOTAL FOR Y050 FRONTAGE ROAD: 64				
TOTAL QUANTITY: 64				

542D1087 PIPE CULVERTS, CLASS D, TYPE 2 42" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
FRONTAGE ROAD				
	129+50.00		CL	93
TOTAL FOR Y050 FRONTAGE ROAD: 93				
TOTAL QUANTITY: 93				

542D1099 PIPE CULVERTS, CLASS D, TYPE 2 54" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
HEINE ROAD				
	22+06.00		CL	96
TOTAL FOR Y050 FRONTAGE ROAD: 96				
TOTAL QUANTITY: 96				

542D1921 PIPE CULVERTS, CLASS D, TYPE 3 36" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
FRONTAGE				
	152+00.00		LT	134
TOTAL FOR Y050 FRONTAGE ROAD: 134				
TOTAL QUANTITY: 134				

542D5479 PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 24" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
FR ROAD ENT				
	7+35.00		CL	300
	7+35.00		LT	96
TOTAL FOR Y050 FRONTAGE ROAD: 396				
TOTAL QUANTITY: 396				

542D5503 PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 48" FOOT				
STATION	OFFSET	-	STATION	OFFSET UNIT
HEINE ROAD				
	11+50		CL	73
TOTAL FOR Y050 FRONTAGE ROAD: 73				
TOTAL QUANTITY: 73				

54213447 END SECTIONS 12" EACH				
STATION	OFFSET	-	STATION	OFFSET UNIT
FRONTAGE				
	173+35.00			1
	175+85.00			1
	178+25.00			1
TOTAL FOR Y050 FRONTAGE ROAD: 3				
TOTAL QUANTITY: 3				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
SCHEDULE OF QUANTITIES

SCALE:
DATE: 01-22-10

DRAWN BY: AJP
CHECKED BY: RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-D)	STEPHENSON	386	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
P-92-029-02		CONTRACT #64799		
		SCHED-09 OF 15		

54213450	END SECTIONS 15"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
TEMPORARY BIKE PARKING LOT				
5579+08.45				2
5581+87.55				2
TOTAL FOR Y046* BIKE PATH:				4
TOTAL QUANTITY:				4

54213453	END SECTIONS 18"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
US 20				
AT WETLAND/BORROW PIT				
				4
TOTAL FOR 1000-2A ROADWAY:				4
FRONTAGE ROAD				
141+00.00				2
162+00.00				2
165+50.00				2
TOTAL FOR Y050 FRONTAGE ROAD:				6
TOTAL QUANTITY:				10

54213459	END SECTIONS 24"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
US 20				
572+00.00				1
TOTAL FOR 1000-2A ROADWAY:				1
FRONTAGE ROAD				
146+00.00				2
TOTAL FOR Y050 FRONTAGE ROAD:				2
TOTAL QUANTITY:				3

54213465	END SECTIONS 30"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
96+81.51				2
TOTAL FOR Y050 FRONTAGE ROAD:				2
TOTAL QUANTITY:				2

54213471	END SECTIONS 36"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
152+00.00				1
TOTAL FOR Y050 FRONTAGE ROAD:				1
TOTAL QUANTITY:				1

54213489	END SECTIONS 54"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
HEINE ROAD				
22+06.00				2
TOTAL FOR Y050 FRONTAGE ROAD:				2
TOTAL QUANTITY:				2

54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
552+00.00				1
598+25.00				1
601+50.00				1
TOTAL FOR 1000-2A ROADWAY:				3
TOTAL QUANTITY:				3

54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
528+00.00				1
629+90.94				1
TOTAL FOR 1000-2A ROADWAY:				2
TOTAL QUANTITY:				2

54214299	END SECTIONS, EQUIVALENT ROUND-SIZE 24"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
7+35.00				12
TOTAL FOR Y050 FRONTAGE ROAD:				12
TOTAL QUANTITY:				12

54214323	END SECTIONS, EQUIVALENT ROUND-SIZE 48"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
US20				
11+50.00				2
TOTAL FOR Y050 FRONTAGE ROAD:				2
TOTAL QUANTITY:				2

54215442	CAST-IN-PLACE REINFORCED CONCRETE END SECTION 42"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
129+50.00				2
TOTAL FOR Y050 FRONTAGE ROAD:				2
TOTAL QUANTITY:				2

54215991	REINFORCED CONCRETE PIPE ELBOW 36"	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
152+00.00				1
TOTAL FOR Y050 FRONTAGE ROAD:				1
TOTAL QUANTITY:				1

54248510	CONCRETE COLLAR	CU YD		
STATION	OFFSET	STATION	OFFSET	UNIT
US 20				
572+00	LT	FOR MEDIAN DRAIN W/ CONCRETE COLLAR		0.6
629+91	LT	FOR 36" RCP EXTENSION		0.8
TOTAL FOR 1000-2A ROADWAY:				1.4
FRONTAGE ROAD				
152+00	LT	TO CONNECT ELBOW TO PIPE		0.8
TOTAL FOR Y050 FRONTAGE ROAD:				0.8
FRONTAGE ROAD OVER "EASTERN" TRIB. TO PECATONICA SN:089-2025				
				7.1
TOTAL QUANTITY:				9.3

550B0340	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT		
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE				
175+85.00	RT			86
178+25.00	RT			102
179+60.00	RT			135
TOTAL FOR Y050 FRONTAGE ROAD:				323
TOTAL QUANTITY:				323

550B0640	STORM SEWERS, CLASS B, TYPE 3 12"	FOOT		
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
173+35.00	RT			98
TOTAL FOR Y050 FRONTAGE ROAD:				98
TOTAL QUANTITY:				98

60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH		
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD				
96+20	24 RT			1
98+70	24 RT			1
101+20	24 RT			1
103+70	24 RT			1
106+20	24 RT			1
108+70	24 RT			1
111+20	24 RT			1
113+70	24 RT			1
116+20	24 RT			1
118+70	24 RT			1
121+20	24 RT			1
123+70	24 RT			1
126+20	24 RT			1
128+70	24 RT			1
129+00	24 RT			1
131+50	24 RT			1
134+00	24 RT			1
136+50	24 RT			1
139+00	24 RT			1
141+50	24 RT			1
144+00	24 RT			1
146+50	24 RT			1
149+00	24 RT			1
151+50	24 RT			1
154+00	24 RT			1
155+75	24 RT			1
158+25	24 RT			1
160+75	24 RT			1
163+25	24 RT			1
165+75	24 RT			1
168+25	24 RT			1
170+75	24 RT			1
173+25	24 RT			1
175+75	24 RT			1
177+75	24 RT			1
180+25	24 RT			1
DRAIN FOR 18" SUBGRADE				
123+50	24 RT			1
126+50	24 RT			1
132+50	24 RT			1
142+00	24 RT			1
TOTAL FOR Y050 FRONTAGE ROAD:				40
TOTAL QUANTITY:				40

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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SCHEDULE OF QUANTITIES



SCALE: DATE: 01-22-10
 DRAWN BY: AJP
 CHECKED BY: RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		SCHED-10 OF 15		
CONTRACT #64799				

60100915 PIPE DRAINS 6" FOOT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US20	95+50	RT	113+00	RT	50
TOTAL FOR Y050 FRONTAGE ROAD:					50
TOTAL QUANTITY:					50

60100925 PIPE DRAINS 8" FOOT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US20	95+50	RT	113+00	RT	50
TOTAL FOR Y050 FRONTAGE ROAD:					50
TOTAL QUANTITY:					50

60100945 PIPE DRAINS 12" FOOT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US20	95+50	RT	113+00	RT	50
TOTAL FOR Y050 FRONTAGE ROAD:					50
TOTAL QUANTITY:					50

60100965 PIPE DRAINS 18" FOOT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US20	95+50	RT	113+00	RT	50
TOTAL FOR Y050 FRONTAGE ROAD:					50
TOTAL QUANTITY:					50

60107600 PIPE UNDERDRAINS 4" FOOT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US 20	576+25	51 RT	590+66	51 RT	1,441
TOTAL FOR 1000-2A ROADWAY:					1,441
FRONTAGE ROAD					
170+75	17 LT	-	170+75	24 RT	41
173+25	17 LT	-	173+25	24 RT	41
175+75	17 LT	-	175+75	24 RT	41
177+75	17 LT	-	177+75	24 RT	41
180+25	17 LT	-	180+25	24 RT	41
TOTAL FOR Y050 FRONTAGE ROAD:					205
TOTAL QUANTITY:					1,646

60220105 MANHOLES, TYPE A, 4'-DIAMETER, WITH MEDIAN INLET (604106) EACH					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US 20	528+00.00	0.00 CL			1
TOTAL FOR 1000-2A ROADWAY:					1
TOTAL QUANTITY:					1

60242400 INLETS, SPECIAL EACH					
STATION	OFFSET	-	STATION	OFFSET	UNIT
FRONTAGE ROAD					
175+85.00	12.00 RT		LT		2
179+60.00	12.00 RT				1
173+35.00	12.00 RT				1
178+25.00	12.00 RT		LT		2
TOTAL FOR Y050 FRONTAGE ROAD:					6
TOTAL QUANTITY:					6

60240361 INLETS, TYPE B, WITH MEDIAN INLET (604101) EACH					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US 20	572+00.00	0.00 CL			1
552+00.00	0.00 CL				1
598+25.00	0.00 CL				1
601+50.00	0.00 CL				1
TOTAL FOR 1000-2A ROADWAY:					4
TOTAL QUANTITY:					4

60246805 MEDIAN INLET (604106) EACH					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US 20	152+00.00	0.00 CL			1
TOTAL FOR 1000-2A ROADWAY:					1
TOTAL QUANTITY:					1

60260100 INLETS TO BE ADJUSTED EACH					
STATION	OFFSET	-	STATION	OFFSET	UNIT
IL 26	733+52.0				1
TOTAL FOR 1000-1A IL 26					1
TOTAL QUANTITY:					1

60600095 CLASS SI CONCRETE (OUTLET) CU YD					
STATION	OFFSET	-	STATION	OFFSET	UNIT
FRONTAGE ROAD					
170+00	RT		2.41 CY + 30' (0.069)		4.5
179+80	LT		2.41 CY + 30' (0.069)		4.5
TOTAL FOR Y050 FRONTAGE ROAD:					9.0
TOTAL QUANTITY:					9.0

60605000 COMBINATION CONCRETE CURB AND CUTTER, TYPE B-6.24 FOOT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
IL 26	724+06.50	LT	726+47.30	LT	241
	724+06.50	RT	726+47.30	RT	241
TOTAL FOR 1000-1A IL 26:					482
FRONTAGE ROAD					
170+39.73	LT		179+55.84	LT	916
170+39.73	RT		182+24.38	RT	1,185
173+85.00	RT		ENTRANCE		100
176+95.00	RT		ENTRANCE		102
180+00.00	RT		ENTRANCE		55
TOTAL FOR Y050 FRONTAGE ROAD:					2,357
TOTAL QUANTITY:					2,839

60618300 CONCRETE MEDIAN SURFACE, 4 INCH SQ FT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
IL 26	724+06.50	CL	726+47.30	RT	6 2,900
TOTAL FOR 1000-1A IL 26					2,900
TOTAL QUANTITY:					2,900

60620000 CONCRETE MEDIAN, TYPE SB-6.24 SQ FT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
IL 26	726+47.30	RT	729+07.40	RT	11.5 2,940
TOTAL FO					2,940
TOTAL QUANTITY:					2,940

60900515 CONCRETE THRUST BLOCKS EACH					
STATION	OFFSET	-	STATION	OFFSET	UNIT
US20	572+00	LT			1
TOTAL FOR 1000-2A ROADWAY:					1
TOTAL QUANTITY:					1

61100500 EXPLORATION TRENCH 52" DEPTH FOOT					
STATION	OFFSET	-	STATION	OFFSET	UNIT
FRONTAGE ROAD	95+50	RT	113+00	RT	200
TOTAL FOR Y050 FRONTAGE ROAD:					200
TOTAL QUANTITY:					200

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ILLINOIS DEPARTMENT OF TRANSPORTATION
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SCHEDULE OF QUANTITIES



SCALE: DATE: 01-22-10
DRAWN BY: AJP
CHECKED BY: RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02		CONTRACT #64799		
				SCHED-11 OF 15

61133100 FIELD TILE JUNCTION VAULTS, 2' DIA. EACH				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD	95+50 RT	113+00	RT	3
TOTAL FOR Y050 FRONTAGE ROAD:				3
TOTAL QUANTITY:				3

61133200 FIELD TILE JUNCTION VAULTS, 3' DIA. EACH				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD	95+50 RT	113+00	RT	2
TOTAL FOR Y050 FRONTAGE ROAD:				2
TOTAL QUANTITY:				2

63000000 STEEL PLATE BEAM GUARD RAIL, TYPE A FOOT				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD	154+20.00 RT	156+93.00	RT	273
TOTAL FOR Y050 FRONTAGE ROAD:				273
TOTAL QUANTITY:				273

63000025 STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES FOOT				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD	103+21.50 RT	104+02.75	RT	81
TOTAL FOR Y050 FRONTAGE ROAD:				81
TOTAL QUANTITY:				81

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD	103+21.50 RT			1
	104+02.75 RT			1
	154+20.00 RT			1
	156+93.00 RT			1
TOTAL FOR Y050 FRONTAGE ROAD:				4
TOTAL QUANTITY:				4

63500105 DELINEATORS EACH				
STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD	102+00.00 LT			2
	146+00.00 RT			2
FRONTAGE ROAD ENTRANCE	7+35.00			6
TOTAL FOR Y050 FRONTAGE ROAD:				10
TOTAL QUANTITY:				10

66500105 WOVEN WIRE FENCE, 4' FOOT					
STATION	OFFSET	STATION	OFFSET	UNIT	
US20	579+77	124.00 LT	581+20	124.00 LT	247
TOTAL FOR 1000-2A ROADWAY:				247	
FRONTAGE ROAD	107+30.40	129.60 LT	160+65.77	41.59 LT	5,382
	167+17.35	36.00 LT	179+35.00	36.79 LT	1,273
TOTAL FOR Y050 FRONTAGE ROAD:				6,655	
TOTAL QUANTITY:				6,902	

66501400 WOVEN WIRE GATES, 4'x12' DOUBLE EACH				
STATION	OFFSET	STATION	OFFSET	UNIT
LOCATED AT FIELD ENTRANCE TO THE PECATONICA RIVER WETLAND/BORROW SITE				1
TOTAL FOR Y050 FRONTAGE ROAD:				1
TOTAL QUANTITY:				1

66600105 FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS EACH					
STATION	OFFSET	STATION	OFFSET	UNIT	
FRONTAGE ROAD	96+00.00	70.00 LT			1
	97+00.00	80.00 LT			1
	98+63.99	74.89 LT			1
	99+22.87	125.71 LT			1
	99+61.24	147.67 LT			1
	102+56.69	125.00 LT			1
	105+00.00	125.00 LT			1
	107+30.40	129.60 LT			1
	143+89.68	44.64 LT			1
	160+65.77	41.59 LT			1
	167+17.35	36.00 LT			1
	171+00.00	39.60 LT			1
	172+00.00	50.30 LT			1
	173+00.00	42.15 LT			1
	96+00.00	70.00 RT			1
	97+00.00	70.00 RT			1
	99+00.00	70.00 RT			1
	101+00.00	70.00 RT			1
	103+00.00	80.00 RT			1
	105+00.00	75.00 RT			1
	107+00.00	65.00 RT			1
	110+00.00	70.00 RT			1
	112+50.00	70.00 RT			1
	113+50.00	70.00 RT			1
	132+00.00	70.00 RT			1
	134+00.00	95.00 RT			1
	145+50.00	95.00 RT			1
	146+50.00	95.00 RT			1
	150+00.00	95.00 RT			1
	155+00.00	100.00 RT			1
	162+00.00	65.00 RT			1
	165+00.00	55.00 RT			1
	168+00.90	57.06 RT			1
HEINE ROAD	7+91.60	45.00 RT			1
	11+35.89	45.00 RT			1
	13+00.00	60.00 RT			1
	15+00.00	60.00 RT			1
	17+00.00	70.00 RT			1
	19+00.00	75.00 RT			1
	20+05.32	62.14 RT			1
	20+00.00	70.00 LT			1
TOTAL FOR Y050 FRONTAGE ROAD:				41	
TOTAL QUANTITY:				41	

66700305 PERMANENT SURVEY MARKERS, TYPE II EACH					
STATION	OFFSET	STATION	OFFSET	UNIT	
US20					
PROP. CURVE C 201					
		PC STA. 581+9112		1	
		PT STA 597+0091		1	
TOTAL FOR 1000-2A ROADWAY:				2	
FRONTAGE ROAD					
PROP. CURVE P FR-1					
		PC STA. 96+4959		1	
		PT STA. 110+1460		1	
PROP. CURVE P FR-2					
		PC STA. 150+60.60		1	
		PT STA. 154+58.43		1	
PROP. CURVE P FR-3					
		PC STA. 159+1769		1	
		PT STA. 161+7033		1	
PROP. CURVE P FR-4					
		PC STA. 163+9250		1	
		PT STA. 166+7110		1	
PROP. CURVE P FR-5					
		PC STA. 170+6077		1	
		PT STA. 173+4858		1	
HEINE ROAD					
PROP. CURVE HC1					
		PC STA. 11+2536		1	
		PT STA. 16+9317		1	
PROP. CURVE HC2					
		PC STA. 18+3069		1	
		PT STA. 20+9617		1	
TOTAL FOR Y050 FRONTAGE ROAD:				14	
TOTAL QUANTITY:				16	

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
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SCALE: DATE: 01-22-10
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70300220 TEMPORARY PAVEMENT MARKING - LINE 4" FOOT					
	STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD					
Stage IIA	173+49	LT	180+67	LT	718
	174+19	RT	176+00	RT	181
	177+32	RT	180+67	RT	335
Stage IIB	171+67	LT	180+43	LT	876
	172+10	LT	173+67	LT	157
	174+04	LT	176+65	LT	261
	177+12	LT	180+34	LT	322
	172+73	LT	173+67	LT	94
	174+04	LT	176+65	LT	261
	177+12	LT	180+12	LT	300
FRONTAGE ROAD ENT.					
Stage IIA	6+15	RT	7+59	RT	144
	6+46	RT	7+59	RT	113
TOTAL FOR Y050 FRONTAGE ROAD: 3,762					
TOTAL QUANTITY: 3762					

70300660 TEMPORARY PAINT PAVEMENT MARKING - LINE 24" FOOT					
	STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD ENT.					
Stage IIB	7+62	LT			11
TOTAL FOR Y050 FRONTAGE ROAD: 11					
TOTAL QUANTITY: 11					

TRAFFIC CONTROL AND PROTECTION-LUMP SUM										
	PAY ITEM *									
	70100460	70100500	70100200		70100800	70100320	70102632	70102635		
	TRAFFIC CONTROL AND PROTECTION STANDARD *									
	701306	701326	701331	701400	701401	701422	701602	701701	40.1**	94.2**
CONSTRUCTION STAGE										
US 20										
STAGE I		X		X	X					
STAGE III										
FRONTAGE ROAD										
STAGE I		X							X	
STAGE IIA	X	X						X	X	
STAGE IIB	X		X					X		
STAGE IIC		X						X		
STAGE III										
HEINE ROAD										
STAGE I										
STAGE IIA										
STAGE IIB									X	
BIKE PATH/KLEVER ROAD										
STAGE IA	X	X								
STAGE I										
IL 26										
STAGE I								X		
STAGE IIA		X						X	X	
STAGE IIB			X					X		
STAGE IIC		X						X		
STAGE III					X	X				X

70300625 TEMPORARY PAINT PAVEMENT MARKING - LINE 4" FOOT					
	STATION	OFFSET	STATION	OFFSET	UNIT
US20					
Stage I	619+43	RT	647+00	LT	2,757
Stage III	576+00	RT/LT	591+00	RT/LT	6,970
	576+00	RT/LT	591+00	RT/LT	6,640
TOTAL FOR 1000-2A ROADWAY: 16,367					
FRONTAGE ROAD					
Stage IIB	171+36	LT	171+67	LT	31
	171+20	-	172+15	LT	95
	171+26	RT	172+88	LT	162
	180+40	LT	180+65	LT	25
FRONTAGE ROAD ENTRANCE					
Stage IIB	6+72	LT	7+56	LT	84
	6+45	LT	7+62	LT	117
	6+34	LT	7+62	LT	128
HEINE ROAD					
Stage IIB	18+33	LT	22+69	LT	436
	18+33	-	22+36	-	403
	18+33	RT	22+66	RT	433
TOTAL FOR Y050 FRONTAGE ROAD: 1,914					
IL 26					
Stage IA	725+76	LT	729+20	LT	344
	729+96	LT	731+06	LT	110
	725+76	LT	729+20	LT	344
	729+96	LT	731+06	LT	110
	725+76	RT	729+20	RT	344
	725+76	RT	729+20	RT	344
Stage IIA	726+43	RT	729+34	RT	291
	726+43	RT	729+34	RT	291
Stage IIB	727+15	RT	728+53	RT	138
	729+26	RT	730+78	RT	152
	727+15	RT	728+53	RT	138
	729+26	RT	730+78	RT	152
Stage III	699+69	-	709+27	LT	958
	710+13	LT	712+71	LT	258
	710+13	LT	712+71	LT	258
	712+57	-	717+94	LT	537
	715+50	-	717+94	LT	244
	719+00	LT	729+17	LT	1,017
	730+01	LT	741+51	LT	1,150
	699+69	-	709+27	RT	958
	710+13	RT	712+57	-	244
	710+13	RT	715+50	-	537
	715+36	RT	717+94	RT	258
	715+36	RT	717+94	RT	258
	719+00	RT	729+17	RT	1,017
	730+01	RT	735+00	RT	499
TOTAL FOR 1000-1A IL 26 10,951					
TOTAL QUANTITY: 29,232					

70301000 WORK ZONE PAVEMENT MARKING REMOVAL SQ FT					
	STATION	OFFSET	STATION	OFFSET	UNIT
US20 - PHASE 1					
					5,456
TOTAL FOR 1000-2A ROADWAY: 5,456					
IL 26 - PHASE 1					
					3,650
TOTAL FOR 1000-1A IL 26 3,650					
TOTAL QUANTITY: 9,106					
78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS SQ FT					
	STATION	OFFSET	STATION	OFFSET	UNIT
IL 26 - NORTHBOUND					
					47
IL 26 - SOUTHBOUND					
					47
TOTAL FOR 1000-1A IL 26 94					
TOTAL QUANTITY: 94					
78000280 THERMOPLASTIC PAVEMENT MARKING - LINE 4" FOOT					
	STATION	OFFSET	STATION	OFFSET	UNIT
US20					
	576+00	25.00 RT	591+00	WHT EDGE	1,500
	576+00	51.00 RT	591+00	WHT EDGE	1,500
	576+00	39.00 RT	591+00	YEL CL	375
TOTAL FOR 1000-2A ROADWAY: 3,375					
IL 26					
	730+03	4.00 RT	734+87	YEL MEDIAN	1,983
	723+00	23.00 RT	729+13	WHT SK DSH	230
	724+00	23.00 LT	738+91	WHT SK DSH	350
	730+00	23.00 LT	739+00	WHT SK DSH	18,469
	730+00	10.60 RT	734+85	WHT DOUBLE	970
	730+00	4.60 RT	734+85	WHT DOUBLE	970
TOTAL FOR 1000-1A IL 26 22,972					
TOTAL QUANTITY: 26,347					



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SCHEDULE OF QUANTITIES

SCALE: DRAWN BY: AJP
 DATE: 01-22-10 CHECKED BY: RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
P-92-029-02 CONTRACT #64799		SCHED-13 OF 15		

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6" FOOT					
STATION	OFFSET		STATION	OFFSET	UNIT
IL26					
11.00	RT	724+06	-	726+47	WHT SK DSH 60
11.00	RT	726+47	-	728+86	WHT LANE 239
45.00	RT	728+53	-	728+63	WHT X WALK 162
7.00	LT	730+06	-	732+78	WHT MEDIAN 550
11.00	LT	732+80	-	734+87	WHT SK DSH 52
TOTAL FOR 1000-1A IL 26 1064					
TOTAL QUANTITY: 1064					

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" FOOT					
STATION	OFFSET		STATION	OFFSET	UNIT
US20					
728+53	RT	45.00	-	728+63	WHT X WALK 270
730+06	LT	7.00	-	732+80	WHT MEDIAN 49
730+03	RT	4.00	-	734+87	YEL MEDIAN 220
730+00	LT	10.00	-	732+78	YEL DIAG 50
730+00	RT	8.00	-	734+85	YEL DIAG 221
728+50	RT	45.00	-	728+62	WHT X WALK 265
TOTAL FOR 1000-2A ROADWAY: 1075					
TOTAL QUANTITY: 1075					

78001110 PAINT PAVEMENT MARKING - LINE 4" FOOT					
STATION	OFFSET		STATION	OFFSET	UNIT
FRONTAGE ROAD					
	CL	94+00	-	101+75	YEL SK DSH 190
	CL	95+50	-	101+75	YEL CL 625
	CL	102+25	-	109+00	YEL CL 675
11.00	LT	95+50	-	101+75	WHT EDGE 625
11.00	LT	102+25	-	129+50	WHT EDGE 2,735
11.00	RT	95+50	-	129+50	WHT EDGE 3,377
	CL	102+25	-	113+00	YEL CL 1,075
	CL	109+00	-	113+00	YEL SK DSH 100
		113+00	-	129+50	YEL SK DSH 410
	CL	129+50	-	135+00	YEL SK DSH 130
	CL	129+50	-	138+00	YEL CL 850
	CL	135+00	-	143+50	YEL CL 850
	CL	138+00	-	143+50	YEL SK DSH 130
11.00	LT	129+50	-	143+50	WHT EDGE 1,400
11.00	RT	129+50	-	143+50	WHT EDGE 1,400
	CL	143+50	-	165+50	YEL CL 550
11.00	LT	143+50	-	165+50	WHT EDGE 2,198
11.00	RT	143+50	-	165+50	WHT EDGE 2,202
	CL	165+50	-	172+00	YEL SK DSH 160
	CL	165+50	-	173+00	YEL CL 750
	CL	172+00	-	178+50	YEL CL 650
	CL	173+00	-	178+50	YEL SK DSH 130
11.00	LT	165+50	-	170+40	WHT EDGE 488
11.00	RT	165+50	-	170+40	WHT EDGE 491
	CL	178+50	-	180+80	YEL CL 50
FRONTAGE ENT.					
18.00	LT	6+30	-	7+68	WHT EDGE 241
15.00	RT	6+30	-	7+68	WHT EDGE 277
HEINE ROAD					
	CL	8+00	-	22+36	YEL CL 360
11.00	LT	8+00	-	22+36	WHT EDGE 1,448
11.00	RT	8+00	-	22+36	WHT EDGE 1,426
TOTAL FOR Y050 FRONTAGE ROAD: 25994					
TOTAL QUANTITY: 25994					

78001180 PAINT PAVEMENT MARKING - LINE 24" FOOT					
STATION	OFFSET		STATION	OFFSET	UNIT
IL 26					
729+26	60.00LT	-	729+45	60.00RT	19
TOTAL FOR 1000-1A IL 26 19					
FRONTAGE ROAD					
180+50	0.00RT	-	180+50	15.00RT	15
182+03	0.00RT	-	182+03	15.00RT	15
7+40	0.00RT	-	7+40	20.00RT	20
HEINE ROAD					
22+36	0.00RT	-	22+36	11.00RT	11
TOTAL FOR Y050 FRONTAGE ROAD: 61					
TOTAL QUANTITY: 80					

78100100 RAISED REFLECTIVE PAVEMENT MARKER EACH					
STATION		STATION		COLOR	UNIT
US 20					
576+00.00		591+00.00		AMBER	38
TOTAL FOR 1000-2A ROADWAY: 38					
IL 26					
726+52.00		728+86.00		CRYSTA	13
730+08.00		732+78.00		CRYSTA	14
730+08.00		734+87.00		AMBER	24
730+08.00		734+87.00		AMBER	12
TOTAL FOR 1000-1A IL 26 63					
TOTAL QUANTITY: 101					

78200410 GUARDRAIL MARKERS, TYPE A EACH					
STATION	OFFSET	STATION	OFFSET		UNIT
FRONTAGE ROAD					
154+20.00	RT	156+93.00	RT		273
103+21.50	RT	104+02.75	RT		81
TOTAL FOR Y050 FRONTAGE ROAD: 354					
TOTAL QUANTITY: 354					

78201000 TERMINAL MARKER - DIRECT APPLIED EACH					
STATION	OFFSET	STATION	OFFSET		UNIT
FRONTAGE ROAD					
103+21.50	RT				1
104+02.75	RT				1
154+20.00	RT				1
156+93.00	RT				1
TOTAL FOR Y050 FRONTAGE ROAD: 4					
TOTAL QUANTITY: 4					

78300100 PAVEMENT MARKING REMOVAL SQ FT					
STATION	WIDTH (FT)	STATION	WIDTH (FT)		UNIT
US20					
576+00	RT	SOLID	-	582+50	578
576+00	RT	SOLID	-	580+66	1,040
583+60		DOUBLE	-	590+68	472
585+23		DOUBLE	-	590+68	363
TOTAL FOR 1000-2A ROADWAY: 2,453					
IL 26					
723+00	RT	SK DSH	-	729+00	50
724+00	LT	SK DSH	-	729+00	42
730+00	LT	SK DSH	-	736+13	51
TOTAL FOR 1000-1A IL 26 143					
TOTAL QUANTITY: 2,596					

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH					
STATION		STATION			UNIT
US 20					
576+00.00		591+00.00			150
TOTAL FOR 1000-2A ROADWAY: 150					
TOTAL QUANTITY: 150					

A2C022G3	TREE, CARYA ILLINOINENSIS, CONTAINER GROWN, 3-GALLON	EACH
PLANTED IN THE WETLAND AREA		
		29
TOTAL 29		

A2C040G3	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), CONTAINER GROWN, 3-GALLON	EACH
PLANTED IN THE WETLAND AREA		
		28
TOTAL 28		

A2C050G3	TREE, QUERCUS ELLIPSOIDALIS (HIL'S OAK), CONTAINER GROWN, 3-GALLON	EACH
PLANTED IN THE WETLAND AREA		
		29
TOTAL 29		

A2C060G3	TREE, QUERCUS PALISTRIS (PIN OAK), CONTAINER GROWN, 3-GALLON	EACH
PLANTED IN THE WETLAND AREA		
		29
TOTAL 29		

X0300015	CONCRETE WINGWALL REMOVAL	EACH
FRONTAGE ROAD		
155+88.0	RT	1
TOTAL FOR Y050 FRONTAGE ROAD: 1		
TOTAL QUANTITY: 1		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SCHEDULE OF QUANTITIES



SCALE: DATE: 01-22-10
 DRAWN BY: AJP
 CHECKED BY: RMH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	37
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02		CONTRACT #64799		
				SCHED-14 OF 15

X0322050 RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL EACH					
	STATION	OFFSET	STATION	OFFSET	UNIT
US 20	571+15.00		576+00.00		12
	591+00.00		595+85.00		12
TOTAL FOR 1000-2A ROADWAY:					24
IL 26	730+00	LT	734+86	LT	12
	724+00	RT	728+86	RT	12
TOTAL FOR 1000-1A IL26					24
TOTAL QUANTITY:					49

X0324775 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE SQ YD					
	STATION	WIDTH (FT)	LENGTH (FT)	WIDTH	UNIT
US20	476+00	RT	20	40	89
	530+50	RT	20	40	89
	550+50	RT	20	40	89
	595+50	RT	20	40	89
	598+89	RT	20	40	89
	628+00	RT	20	40	89
TOTAL FOR 1000-2A ROADWAY:					533
FRONTAGE ROAD					
	99+57	LT	20	65	144
	110+25	LT	20	65	144
	125+00	LT	20	125	278
TOTAL FOR Y050 FRONTAGE ROAD:					567
TOTAL QUANTITY:					1,100

X0326224 CORRUGATED STEEL PIPE MULTIPLE END SECTIONS EACH					
	STATION	OFFSET	STATION	OFFSET	UNIT
US 20	FLUGEL FIELD ENTRANCE				2
	TOTAL FOR 1000-2A ROADWAY:				
TOTAL QUANTITY:					2

X0324045 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL EACH					
	STATION	WIDTH (FT)	LENGTH (FT)	WIDTH	UNIT
US20	476+00	RT			1
	530+50	RT			1
	550+50	RT			1
	595+50	RT			1
	598+89	RT			1
	628+00	RT			1
TOTAL FOR 1000-2A ROADWAY:					6
FRONTAGE ROAD					
	99+57	LT			1
	110+25	LT			1
	125+00	LT			1
TOTAL FOR Y050 FRONTAGE ROAD:					3
TOTAL QUANTITY:					9

X0322923 SEGMENTAL CONCRETE BLOCK WALL SQ FT					
	STATION	OFFSET	STATION	OFFSET	UNIT
FRONTAGE ROAD					
	132+90	48 RT			40
	132+91	48 RT			40
TOTAL FOR Y050 FRONTAGE ROAD:					80
TOTAL QUANTITY:					80

Z0000100 ABANDON EXISTING CULVERT EACH					
	STATION	OFFSET	STATION	OFFSET	UNIT
US20	492+90	CL			1
	TOTAL FOR 1000-2A ROADWAY:				
TOTAL QUANTITY:					1

Z0014800 CULVERT TO BE CLEANED FOOT					
	STATION	OFFSET	STATION	OFFSET	LENGTH NO. UNIT
US 20	629+91	39' LT	629+91	128' RT	167 1 167
	TOTAL FOR NON PARTICIPATING ITEMS:				
TOTAL QUANTITY:					167

X0324774 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE SQ YD					
	STATION	WIDTH (FT)	LENGTH (FT)	WIDTH	UNIT
US20	476+00	RT	20	40	89
	530+50	RT	20	40	89
	550+50	RT	20	40	89
	595+50	RT	20	40	89
	598+89	RT	20	40	89
	628+00	RT	20	40	89
TOTAL FOR 1000-2A ROADWAY:					533
FRONTAGE ROAD					
	99+57	LT	20	65	144
	110+25	LT	20	65	144
	125+00	LT	20	125	278
TOTAL FOR Y050 FRONTAGE ROAD:					567
TOTAL QUANTITY:					1,100

X0322936 REMOVE EXISTING FLARED END SECTION EACH					
	STATION	OFFSET	STATION	OFFSET	UNIT
US 20	492+90.0	CL			1
	530+40.0	RT			2
	629+90.9	LT			1
TOTAL FOR 1000-2A ROADWAY:					4
FRONTAGE ENTRANCE					
	7+35.0	LT			2
	7+35.0	RT			2
TOTAL FOR Y050 FRONTAGE ROAD:					4
TOTAL QUANTITY:					8

Z0023600 FILLING EXISTING CULVERT EACH					
	STATION	OFFSET	STATION	OFFSET	UNIT
	458+50				1
TOTAL FOR 1000-2A ROADWAY:					1
TOTAL QUANTITY:					1

X0324774 SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE SQ YD					
	STATION	WIDTH (FT)	LENGTH (FT)	WIDTH	UNIT
US20	476+00	RT	20	40	89
	530+50	RT	20	40	89
	550+50	RT	20	40	89
	595+50	RT	20	40	89
	598+89	RT	20	40	89
	628+00	RT	20	40	89
TOTAL FOR 1000-2A ROADWAY:					533
FRONTAGE ROAD					
	99+57	LT	20	65	144
	110+25	LT	20	65	144
	125+00	LT	20	125	278
TOTAL FOR Y050 FRONTAGE ROAD:					567
TOTAL QUANTITY:					1,100

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
SCHEDULE OF QUANTITIES

SCALE: DRAWN BY AJP
DATE: 01-22-10 CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		CONTRACT #64799		
				SCHED-15 OF 15

BITUMINOUS SCHEDULE

STATIONS	REMARKS	LENGTH FT.	PROPOSED SURFACE AREAS			40600200	40600300	40603080	40603085	40603310	40603310	40603335	40603340	48100100	48203021	
			PAVEMENT		SHOULDER	BIT. PRIME	AGGREGATE (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0,N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0,N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "C",N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C",N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D",N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D",N70	AGGREGATE SHOULDERS, TYPE A	HOT-MIX ASPHALT SHOULDERS, 6"	
			OVERALL AREA SQ. YD.	BIT. AREA SQ. YD.	AGG. AREA SQ. YD.	2 APPLICATIONS TON	TON	TON - 4"	TON - 10 1/2"	TON - 2"	TON - 3"	TON - 2"	TON - 2"	TON	SQ. YD.	
US 20																
576+25 - 590+66	TURNING LANES	1,441		2,562	801	7.33	7.69		286.92				358.65	2,561.8		
FRONTAGE ROAD																
95+50 - 182+00	MAINLINE	17,245	24,488		9,986	69.44	36.42	5,461.95			2,743.06		3,355.40			
95+50 - 182+00	BIKE PATH	17,245	8,792			12.57			1,477.02							
172+00 - 180+00	TEMP. PAV.	800	3,365			9.62	5.05	282.63			376.84					
HEINE ROAD																
8+00 - 22+77	MAINLINE	1,477	4,022		1,970	11.50	6.03	900.86			450.43		661.85			
8+00 - 22+77	BIKE PATH	1,477	1,599			2.29			268.61							
FRONTAGE ROAD ENTRANCE																
6+00 - 7+68		168	1,755		575	5.02	2.63	393.20			196.60		193.32			
IL 26																
724+30 - 734+87	MAINLINE	1,057	2,562			7.84	2.74	1,075.01				204.76				
725+76 - 729+20	TEMP. PAV.										357.73					
KLEVER ROAD																
5580+06 - 5583+67	CUL DE SAC	361	1,505			4.61	2.42	337.08			168.54					
GRAND TOTAL			48,087	2,562	13,332	130	63	7,376	1,075	287	2,033	1,746	4,303	205	4,569	2,562

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

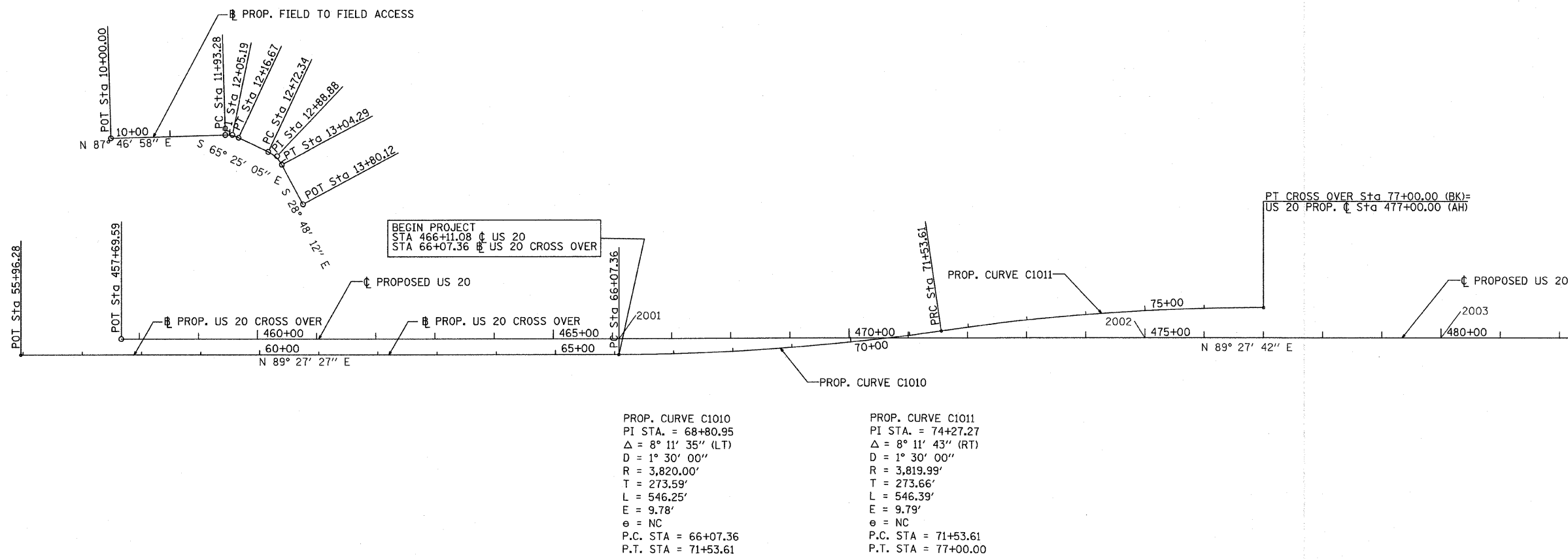
SCHEDULE OF QUANTITIES

SCALE:
DATE: 01-22-10

DRAWN BY MGH
CHECKED BY SJV



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	39
STA. 55+96.28 457+69.59		TO STA. 83+00.00 483+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02		ALIGN-1 OF 6		



MATCH LINE STA. 482+00 SEE ALIGN-2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 ALIGNMENT, TIES AND
 BENCHMARKS

SCALE: 1"=100'
 DATE: 01-22-10
 DRAWN BY RMH
 CHECKED BY DYS

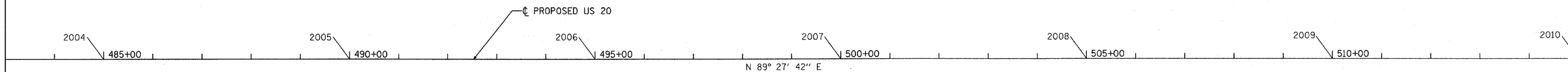


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	40
STA. 83+00.00 TO STA. 90+00.00				
483+00.00 TO STA. 547+00.00				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
P-92-029-02		ALIGN-2 OF 6		



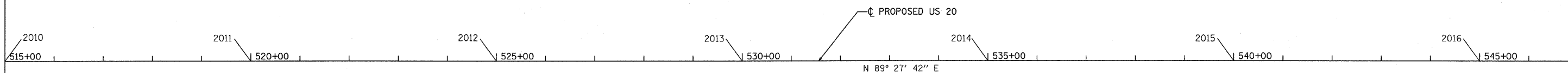
MATCH LINE STA. 482+00 SEE ALIGN-1

MATCH LINE STA. 515+00



MATCH LINE STA. 515+00

MATCH LINE STA. 547+00 SEE SHEET ALIGN-3



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 ALIGNMENT, TIES AND
 BENCHMARKS

SCALE: 1"=100'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DVS



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	41
STA. 547+00.00		TO STA. 579+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		ALIGN-3 OF 6		



MATCH LINE STA. 547+00 SEE SHEET ALIGN-2

MATCH LINE STA. 579+00 SEE SHEET ALIGN-4

2017
550+00

2018
555+00

2019
560+00

2020
565+00

2021
570+00

2022
575+00

PROPOSED US 20

N 89° 27' 42" E

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 ALIGNMENT, TIES AND
 BENCHMARKS



SCALE: 1"=100'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DVS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2	STEPHENSON	386	42
STA. 579+00.00	(-1A, B-1, VB-1)	TO STA. 611+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		ALIGN-4 OF 6	
P-92-029-02				

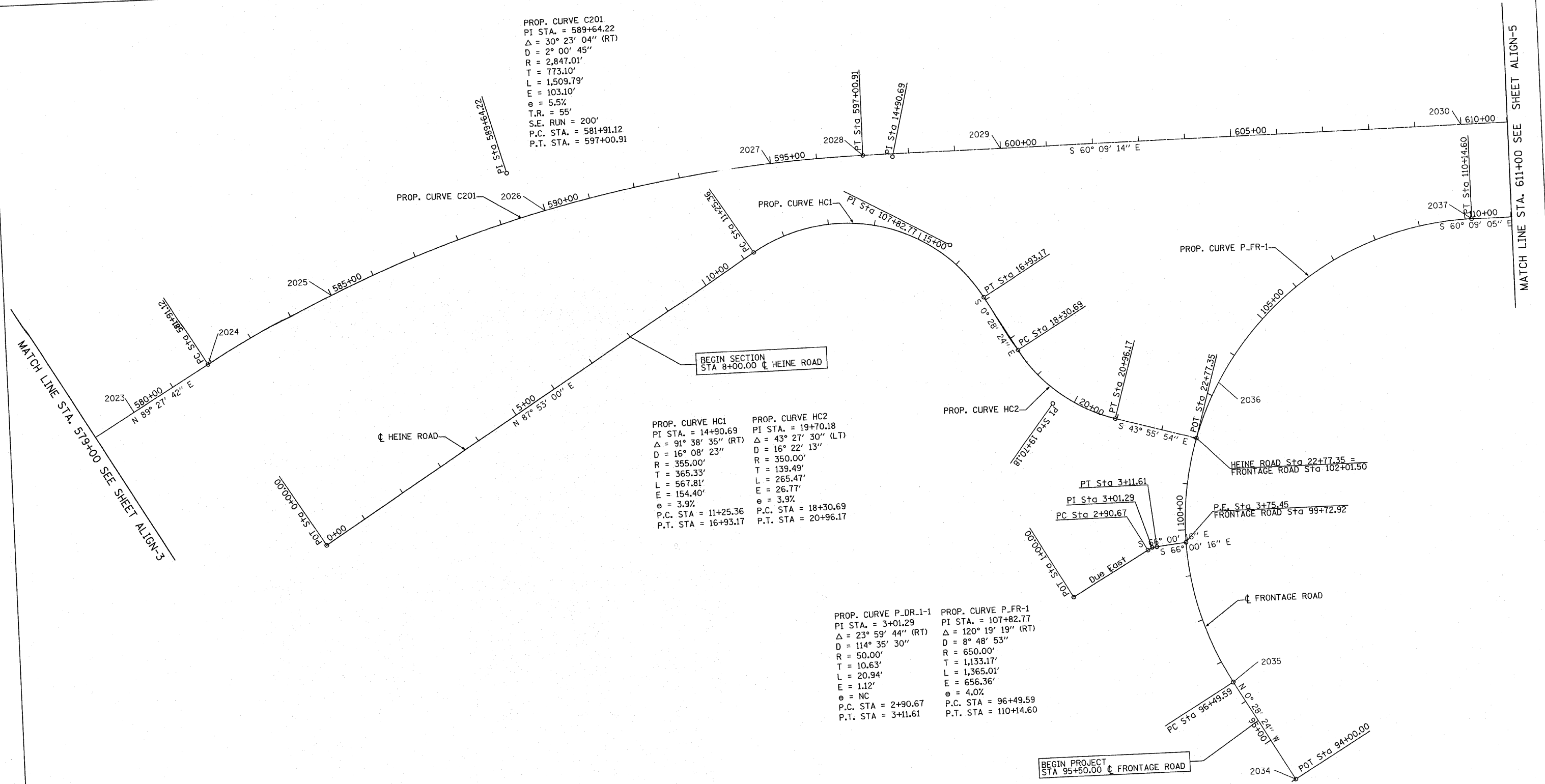
PROP. CURVE C201
 PI STA. = 589+64.22
 $\Delta = 30^\circ 23' 04''$ (RT)
 $D = 2^\circ 00' 45''$
 $R = 2,847.01'$
 $T = 773.10'$
 $L = 1,509.79'$
 $E = 103.10'$
 $e = 5.5\%$
 $T.R. = 55'$
 $S.E. RUN = 200'$
 $P.C. STA. = 581+91.12$
 $P.T. STA. = 597+00.91$

PROP. CURVE HC1
 PI STA. = 14+90.69
 $\Delta = 91^\circ 38' 35''$ (RT)
 $D = 16^\circ 08' 23''$
 $R = 355.00'$
 $T = 365.33'$
 $L = 567.81'$
 $E = 154.40'$
 $e = 3.9\%$
 $P.C. STA = 11+25.36$
 $P.T. STA = 16+93.17$

PROP. CURVE HC2
 PI STA. = 19+70.18
 $\Delta = 43^\circ 27' 30''$ (LT)
 $D = 16^\circ 22' 13''$
 $R = 350.00'$
 $T = 139.49'$
 $L = 265.47'$
 $E = 26.77'$
 $e = 3.9\%$
 $P.C. STA = 18+30.69$
 $P.T. STA = 20+96.17$

PROP. CURVE P_DR-1-1
 PI STA. = 3+01.29
 $\Delta = 23^\circ 59' 44''$ (RT)
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 10.63'$
 $L = 20.94'$
 $E = 1.12'$
 $e = NC$
 $P.C. STA = 2+90.67$
 $P.T. STA = 3+11.61$

PROP. CURVE P_FR-1
 PI STA. = 107+82.77
 $\Delta = 120^\circ 19' 19''$ (RT)
 $D = 8^\circ 48' 53''$
 $R = 650.00'$
 $T = 1,133.17'$
 $L = 1,365.01'$
 $E = 656.36'$
 $e = 4.0\%$
 $P.C. STA = 96+49.59$
 $P.T. STA = 110+14.60$



MATCH LINE STA. 579+00 SEE SHEET ALIGN-3

MATCH LINE STA. 611+00 SEE SHEET ALIGN-5

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 ALIGNMENT, TIES AND
 BENCHMARKS



SCALE: 1"=100'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DVS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	43
STA. 611+00.00	TO STA. 666+42.73			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02	ALIGN-5 OF 6			

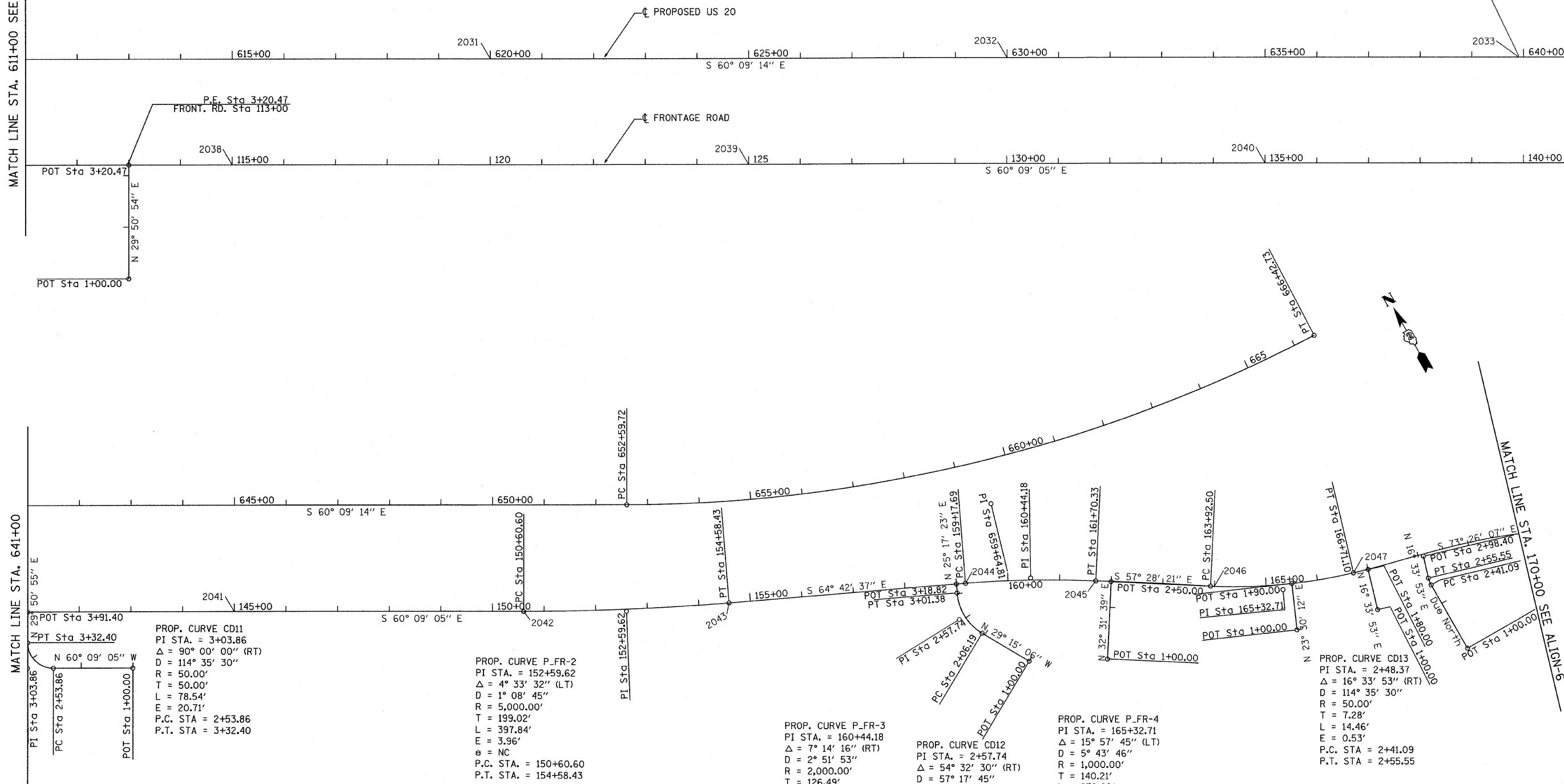
END PROJECT
STA 639+91.09 @ US 20

MATCH LINE STA. 611+00 SEE SHEET ALIGN-4

MATCH LINE STA. 641+00

MATCH LINE STA. 641+00

MATCH LINE STA. 10+00 SEE ALIGN-6



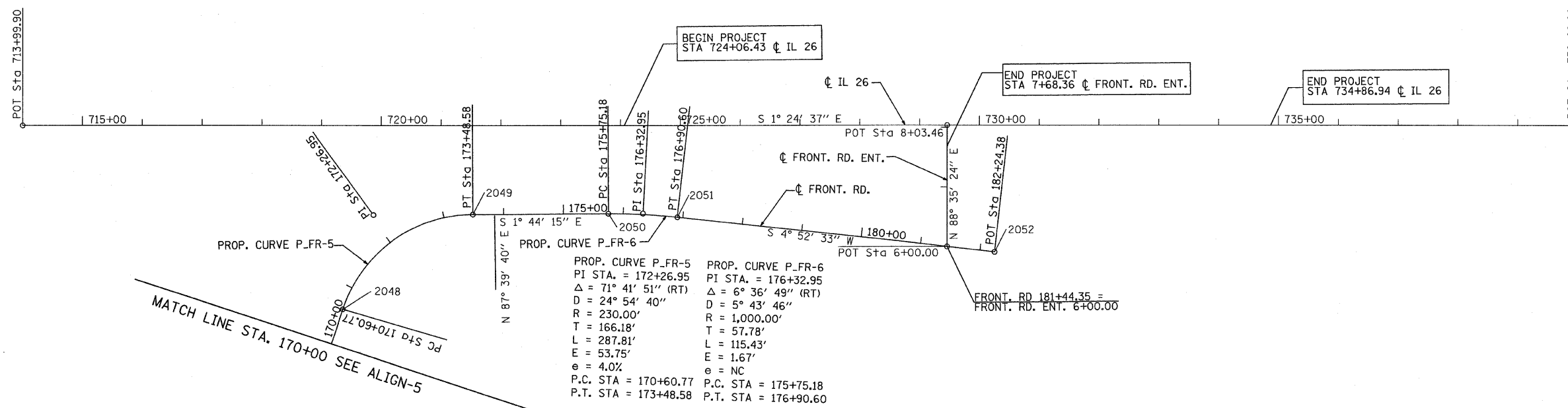
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100'
DATE: 01-22-10
DRAWN BY RMH
CHECKED BY DVS



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	44
STA. 170+00.00 TO STA. 182+24.38		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO. P-92-029-02		ALIGN-6 OF 6		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 ALIGNMENT, TIES AND
 BENCHMARKS



SCALE: 1"=100'
 DATE: 01-22-10
 DRAWN BY RMH
 CHECKED BY DYS

REFERENCE TIES US 20				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
1518	P_US20	466+88.82	57.1601	PK NAIL
1519	P_US20	466+38.13	57.1239	PK NAIL
1520	P_US20	465+87.35	57.2368	PK NAIL
1521	P_US20	465+36.08	57.075	PK NAIL
1523	P_US20	475+77.89	57.1434	PK NAIL
1524	P_US20	475+26.98	57.125	PK NAIL
1525	P_US20	474+75.32	57.1696	PK NAIL
1526	P_US20	474+25.15	57.1483	PK NAIL
1528	P_US20	485+77.99	57.0997	PK NAIL
1529	P_US20	485+26.28	57.0839	PK NAIL
1530	P_US20	484+75.63	57.1681	PK NAIL
1531	P_US20	484+26.04	57.1021	PK NAIL
1535	P_US20	495+75.78	57.1245	PK NAIL
1536	P_US20	495+24.62	57.0838	PK NAIL
1537	P_US20	494+74.55	57.0733	PK NAIL
1538	P_US20	494+26.53	57.0621	PK NAIL
1540	P_US20	505+76.07	57.2126	PK NAIL
1541	P_US20	505+25.46	57.0671	PK NAIL
1542	P_US20	504+76.16	57.064	PK NAIL
1543	P_US20	504+27.67	57.0884	PK NAIL
1545	P_US20	515+73.68	57.1956	PK NAIL
1546	P_US20	515+24.75	57.1359	PK NAIL
1547	P_US20	514+75.15	57.0699	PK NAIL
1548	P_US20	514+26.67	57.1144	PK NAIL
1551	P_US20	525+70.25	57.3989	PK NAIL
1552	P_US20	525+23.26	57.4074	PK NAIL
1553	P_US20	524+74.07	57.3252	PK NAIL
1554	P_US20	524+27.54	57.218	PK NAIL
1557	P_US20	550+71.48	57.1891	PK NAIL
1558	P_US20	550+24.21	57.135	PK NAIL
1559	P_US20	549+75.34	57.1458	PK NAIL
1560	P_US20	549+28.04	57.1914	PK NAIL
1562	P_US20	560+68.22	57.1139	PK NAIL
1563	P_US20	560+22.53	57.0646	PK NAIL
1564	P_US20	559+75.51	57.1128	PK NAIL
1565	P_US20	559+28.01	57.0266	PK NAIL
1568	P_US20	535+72.96	57.5898	PK NAIL
1569	P_US20	535+24.21	57.6218	PK NAIL
1570	P_US20	534+75.62	57.5653	PK NAIL
1571	P_US20	534+26.53	57.624	PK NAIL
1574	P_US20	582+63.37	64.2772	PK NAIL
1575	P_US20	582+13.81	64.1598	PK NAIL
1576	P_US20	581+65.93	63.9732	PK NAIL
1577	P_US20	581+16.10	63.955	PK NAIL
1579	P_US20	585+72.67	64.0593	PK NAIL
1580	P_US20	585+22.21	64.0769	PK NAIL
1581	P_US20	584+72.23	64.0829	PK NAIL
1582	P_US20	584+22.06	64.0979	PK NAIL
1584	P_US20	590+68.97	57.1848	PK NAIL
1585	P_US20	590+19.23	59.0992	PK NAIL
1586	P_US20	589+69.67	59.9629	PK NAIL
1587	P_US20	589+21.93	60.633	PK NAIL
1589	P_US20	597+74.34	56.891	PK NAIL
1590	P_US20	597+25.53	56.9164	PK NAIL
1591	P_US20	596+75.59	57.185	PK NAIL
1592	P_US20	596+26.12	57.1675	PK NAIL
1594	P_US20	600+63.90	56.8828	PK NAIL
1595	P_US20	600+15.44	57.09	PK NAIL
1596	P_US20	599+63.40	56.924	PK NAIL
1597	P_US20	599+12.42	56.9757	PK NAIL
1599	P_US20	610+68.26	56.9648	PK NAIL
1600	P_US20	610+22.67	56.9126	PK NAIL
1601	P_US20	609+75.11	56.9917	PK NAIL
1602	P_US20	609+28.19	56.8824	PK NAIL
1605	P_US20	620+69.62	57.0211	PK NAIL
1606	P_US20	620+23.29	56.9715	PK NAIL
1607	P_US20	619+76.41	57.0431	PK NAIL
1608	P_US20	619+30.38	56.9	PK NAIL
1610	P_US20	630+66.75	56.993	PK NAIL
1611	P_US20	630+22.52	57.0736	PK NAIL

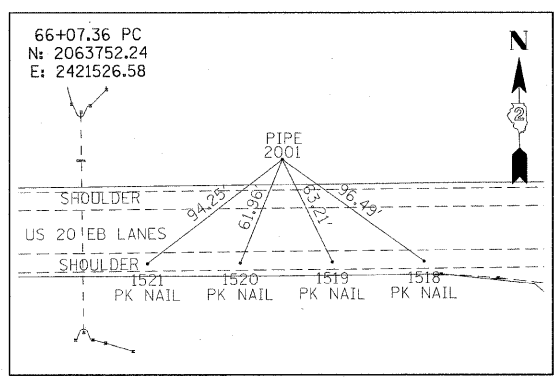
REFERENCE TIES US 20 CONT'D				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
1613	P_US20	629+30.70	56.9891	PK NAIL
1615	P_US20	640+57.06	57.0514	PK NAIL
1616	P_US20	640+12.59	57.0742	PK NAIL
1617	P_US20	639+65.79	57.0291	PK NAIL
1618	P_US20	639+20.66	57.0766	PK NAIL
REFERENCE TIES FRONTAGE ROAD				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
1619	P_FR	-	-	IRON
1620	P_FR	94+39.62	43.1678	IRON
1621	P_FR	-	-	IRON
1622	P_FR	94+39.58	-34.7053	IRON
1623	P_FR	95+90.74	44.7862	IRON
1624	P_FR	97+10.04	46.5983	IRON
1625	P_FR	96+00.31	-39.5476	IRON
1626	P_FR	96+91.59	-41.3742	IRON
1627	P_FR	103+48.13	95.9255	IRON
1628	P_FR	103+55.82	-56.0116	IRON
1629	P_FR	102+54.18	58.4678	IRON
1630	P_FR	102+86.78	-94.194	IRON
1631	P_FR	110+82.81	80.0911	IRON
1632	P_FR	109+59.93	83.1962	IRON
1633	P_FR	109+66.92	-81.1123	IRON
1634	P_FR	110+72.17	-81.3844	IRON
1635	P_FR	115+52.75	79.4339	IRON
1636	P_FR	114+43.22	79.8406	IRON
1637	P_FR	114+51.57	-81.2823	IRON
1638	P_FR	115+52.26	-81.5625	IRON
1639	P_FR	125+57.94	83.062	IRON
1640	P_FR	124+18.30	73.1551	IRON
1641	P_FR	124+04.07	-145.4158	PK NAIL
1642	P_FR	125+74.12	-145.8365	PK NAIL
1643	P_FR	134+46.52	112.0282	IRON
1644	P_FR	136+24.06	76.8964	IRON
1645	P_FR	136+27.29	-42.6989	IRON
1646	P_FR	133+67.78	-145.2179	PK NAIL
1647	P_FR	145+79.48	37.9441	IRON
1648	P_FR	144+73.98	91.1612	IRON
1649	P_FR	146+03.44	-145.3696	PK NAIL
1650	P_FR	143+98.21	-145.3268	PK NAIL
1651	P_FR	149+48.57	112.7153	IRON
1652	P_FR	151+36.45	105.0079	IRON
1653	P_FR	151+43.72	-144.3934	PK NAIL
1654	P_FR	149+91.83	-145.6397	PK NAIL
1655	P_FR	155+23.92	107.7027	IRON
1656	P_FR	153+91.54	110.9102	IRON
1657	P_FR	154+02.92	-136.5303	PK NAIL
1658	P_FR	155+76.55	-125.4879	PK NAIL
1659	P_FR	158+79.70	101.1835	IRON
1660	P_FR	161+27.30	51.775	IRON
1661	P_FR	158+00.16	-128.6242	PK NAIL
1662	P_FR	159+84.34	-146.3051	PK NAIL
1663	P_FR	161+27.30	51.811	IRON
1664	P_FR	162+93.25	83.7169	IRON
1665	P_FR	159+84.38	-146.2832	PK NAIL
1666	P_FR	162+49.51	-200.0289	PK NAIL
1667	P_FR	162+49.48	-200.0212	PK NAIL
1668	P_FR	165+68.32	-165.1842	PK NAIL
1669	P_FR	162+93.17	83.6932	IRON
1670	P_FR	165+28.34	95.9989	IRON
1671	P_FR	165+28.43	96.0199	IRON
1672	P_FR	167+92.41	85.6087	IRON
1673	P_FR	167+74.43	-85.747	PK NAIL
1674	P_FR	165+68.35	-165.2141	PK NAIL
1675	P_FR	169+57.95	-64.4855	PK NAIL
1676	P_FR	171+00.43	-107.5927	PK NAIL
1677	P_FR	170+01.39	79.4096	CROSS CUT
1678	P_FR	171+52.04	59.629	CROSS CUT
1679	P_FR	172+54.18	-54.2387	IRON
1680	P_FR	174+27.68	-105.2669	PK NAIL
1681	P_FR	173+98.06	50.1465	CROSS CUT

REFERENCE TIES FRONTAGE ROAD CONT'D				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
1682	P_FR	172+89.89	62.8107	CROSS CUT
1683	P_FR	176+44.91	-105.5545	PK NAIL
1684	P_FR	175+25.04	-104.5243	PK NAIL
1685	P_FR	176+59.83	33.3374	CROSS CUT
1686	P_FR	173+98.08	50.1871	CROSS CUT
1687	P_FR	181+93.67	-40.8925	IRON
1688	P_FR	110+14.60	6,759.74	PK NAIL
1689	P_FR	181+64.79	67.0429	PK NAIL
1690	P_FR	110+14.60	-6,703.40	PK NAIL
1691	P_FR	177+74.27	-119.5195	PK NAIL
1692	P_FR	177+14.29	43.3784	CROSS CUT

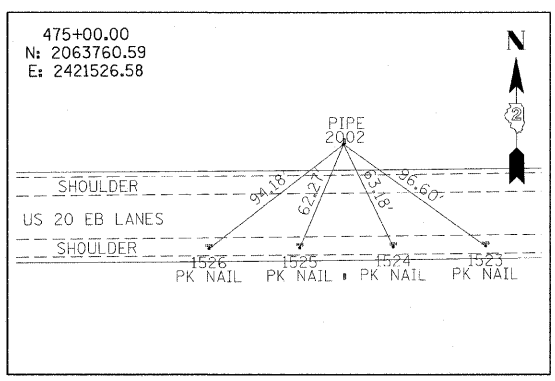
BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
93	2063709.34	2423166.6	829.2100	P_US20	482+50.63	75.3' RT	IRON ROD IN CAP
92	2063637.78	2421105.14	849.1100	P_US20	461+88.60	127.49' RT	IRON ROD IN CAP
91	2063552.36	2419100.34	886.4800	P_US20	441+93.53	101.77' LT	IRON ROD IN CAP
67	2060186.11	2441311.27	812.6500	P_US20	672+73.21	142.49' RT	IRON ROD IN CAP
66	2060436.56	2439790.59	785.3600	P_US20	657+58.33	97.73' RT	IRON ROD IN CAP
65	2061638.39	2437629.75	796.1700	P_US20	632+99.72	84.58' RT	IRON ROD IN CAP
64	2062752.54	2435617.51	770.9700	P_US20	609+99.89	119.64' RT	IRON ROD IN CAP
63	2063573.98	2434224.25	768.6700	P_US20	593+72.27	81.23' RT	IRON ROD IN CAP
62	2063790.44	2432334.4	797.2900	P_US20	574+18.79	80.35' RT	IRON ROD IN CAP
61	2063761.44	2429432.89	770.7700	P_US20	545+17.14	82.09' RT	IRON ROD IN CAP
32	2063761.33	2420684.93	844.4300	P_US20	457+69.59	0' LT/RT	BRASS DISC IN CONC

Note: All coordinates and elevations shown above were obtained in the field by NAKAWATASE, WYNS and ASSOC., except for Pt. 62. Coordinates and elevation for Pt. 62 were given to NWA by IDOT. They were never field checked.

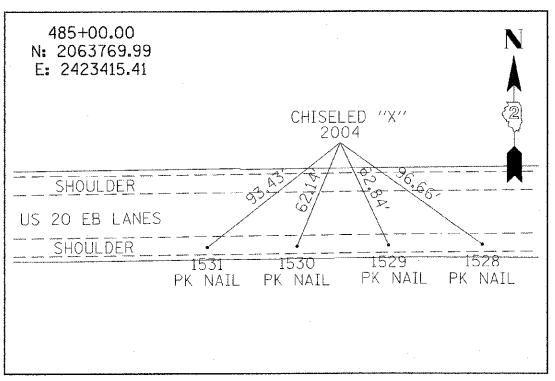
HORIZONTAL CONTROL POINTS US 20						
POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION
2001	2063752.24	2421526.57	P_US20	466+11.08	0.00	PIPE
2002	2063760.59	2422415.45	P_US20	475+00.00	0.00	PIPE
2003	2063765.29	2422915.43	P_US20	480+00.00	0.00	CHISELED "X"
2004	2063769.99	2423415.41	P_US20	485+00.00	0.00	PIPE
2005	2063774.68	2423915.39	P_US20	490+00.00	0.00	PIPE
2006	2063779.38	2424415.36	P_US20	495+00.00	0.00	PIPE
2007	2063784.08	2424915.34	P_US20	500+00.00	0.00	PIPE
2008	2063788.78	2425415.32	P_US20	505+00.00	0.00	PIPE
2009	2063793.47	2425915.30	P_US20	510+00.00	0.00	PIPE
2010	2063798.17	2426415.28	P_US20	515+00.00	0.00	PIPE
2011	2063802.87	2426915.25	P_US20	520+00.00	0.00	PIPE
2012	2063807.57	2427415.23	P_US20	525+00.00	0.00	PIPE
2013	2063812.26	2427915.21	P_US20	530+00.00	0.00	PIPE
2014	2063816.96	2428415.19	P_US20	535+00.00	0.00	PIPE
2015	2063821.66	2428915.17	P_US20	540+00.01	0.00	PIPE
2016	2063826.36	2429415.14	P_US20	545+00.00	0.00	PIPE
2017	2063831.06	2429915.12	P_US20	550+00.00	0.00	PIPE
2018	2063835.75	2430415.10	P_US20	555+00.00	0.00	PIPE
2019	2063840.45	2430915.08	P_US20	560+00.00	0.00	PIPE
2020	2063845.15	2431415.05	P_US20	565+00.00	0.00	PIPE
2021	2063849.85	2431915.03	P_US20	570+00.00	0.00	PIPE
2022	2063854.54	2432415.01	P_US20	575+00.00	0.00	PIPE
2023	2063859.24	2432914.99	P_US20	580+00.00	0.00	PIPE
2024	2063861.04	2433106.10	P_US20	581+91.12	0.00	PIPE
2025	2063847.19	2433414.52	P_US20	585+00.00	0.00	PIPE
2026	2063754.40	2433905.18	P_US20	590+00.00	0.00	PIPE
2027	2063577.31	2434372.08	P_US20	595+00.00	0.00	PIPE
2028	2063483.					



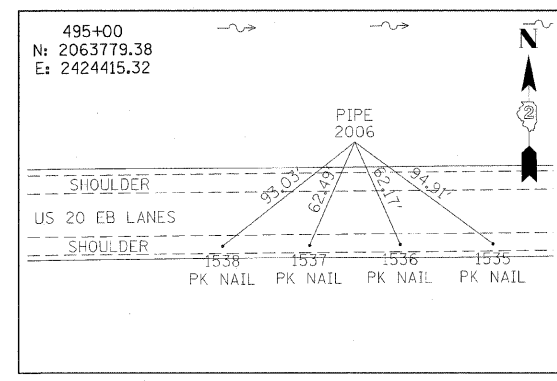
MAINLINE 66+07.36



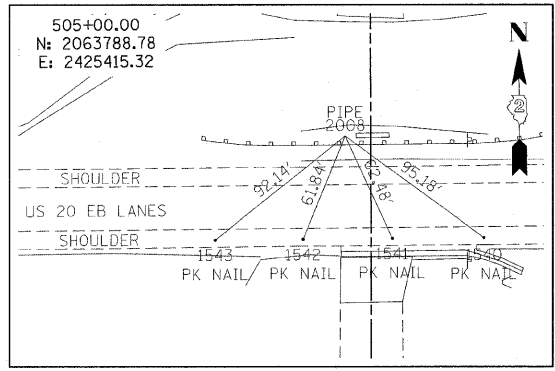
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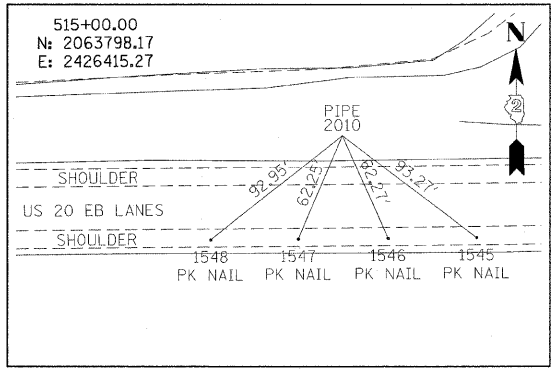
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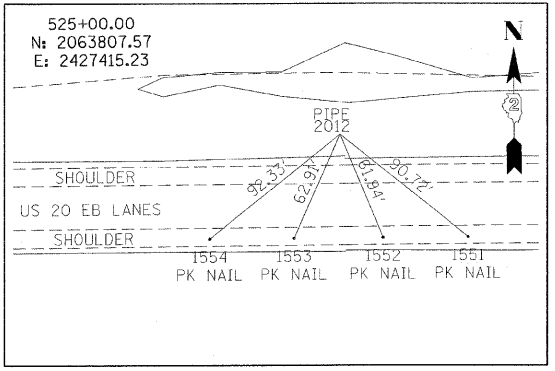
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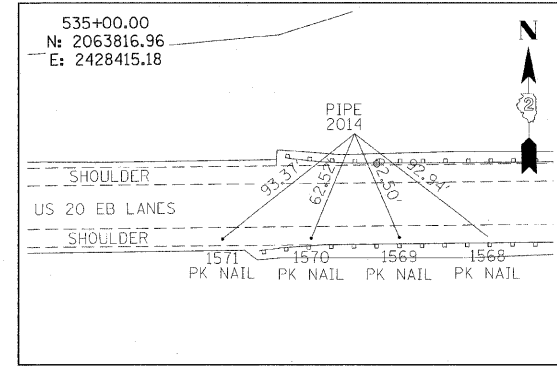
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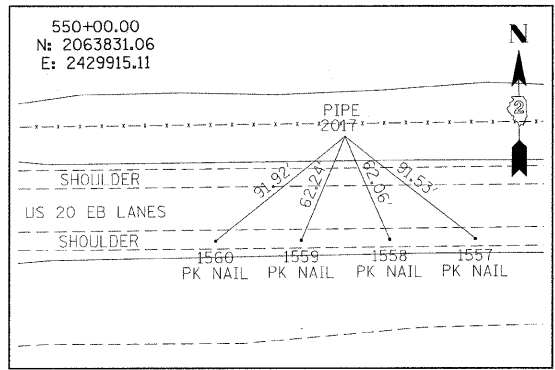
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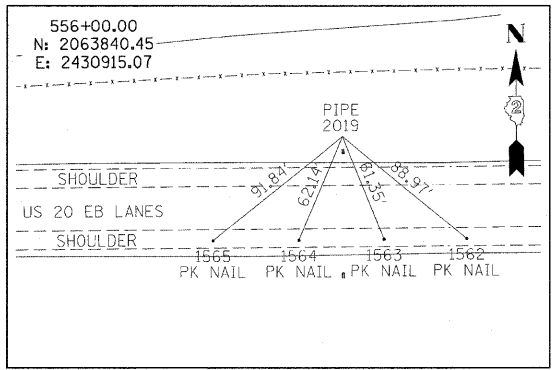
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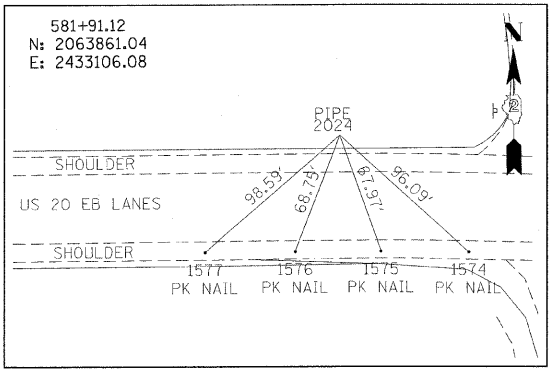
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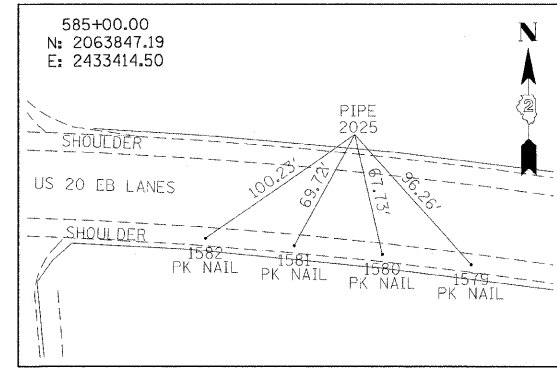
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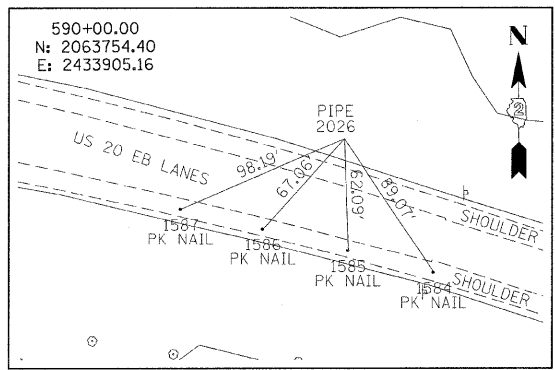
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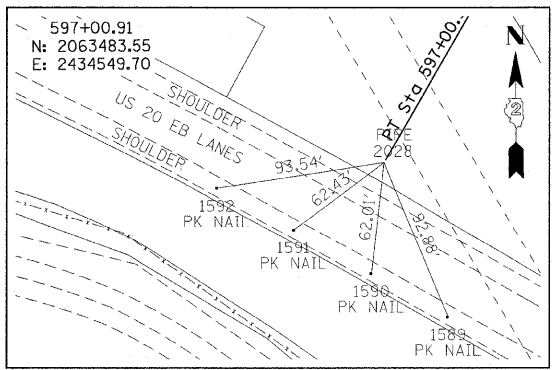
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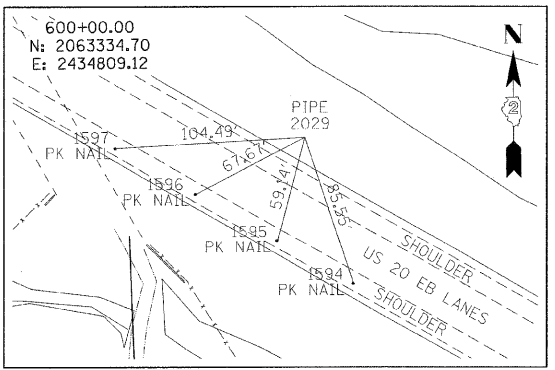
MAINLINE 585+00.00



MAINLINE 590+00.00



MAINLINE 597+00.91



MAINLINE 600+00.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

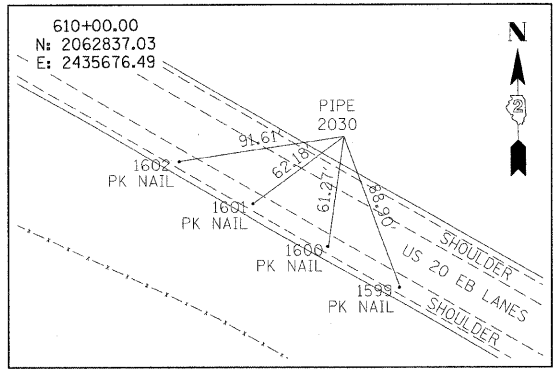
ALIGNMENT, TIES
AND BENCHMARKS

SCALE: DATE: 01-22-10

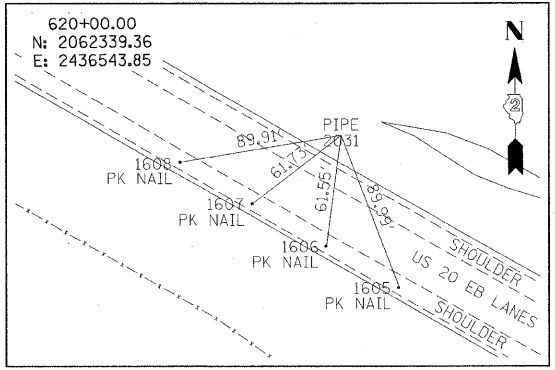
DRAWN BY SJV
CHECKED BY RMH



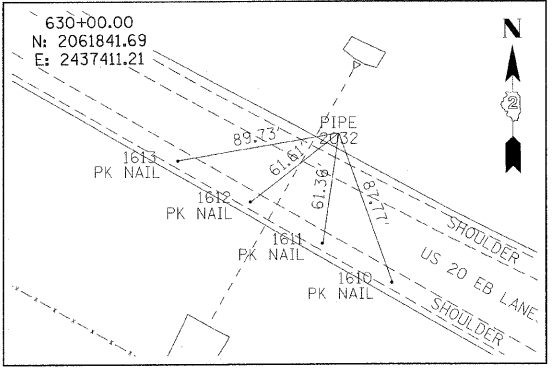
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02		CONTRACT #64799		



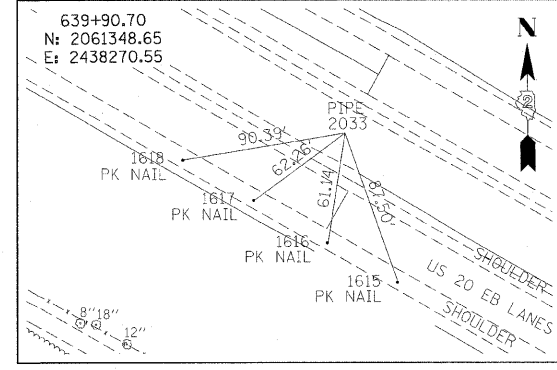
MAINLINE 610+00.00



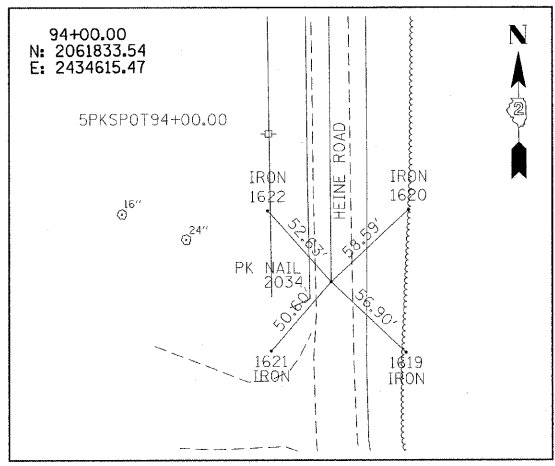
MAINLINE 620+00.00



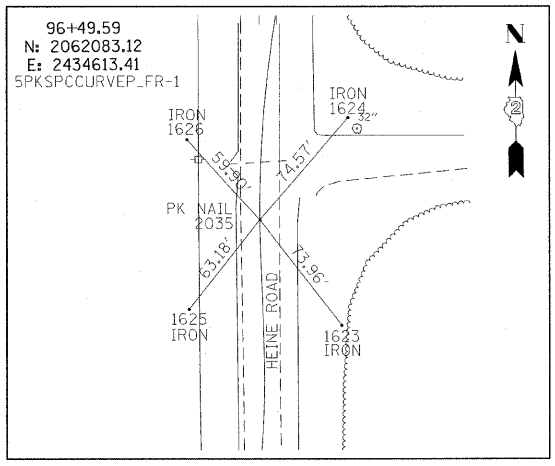
MAINLINE 630+00.00



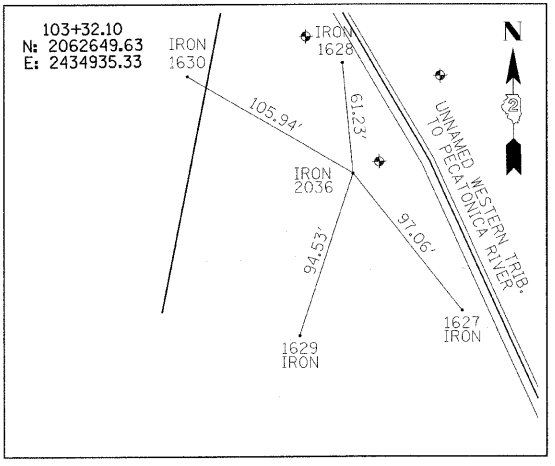
MAINLINE 639+90.70



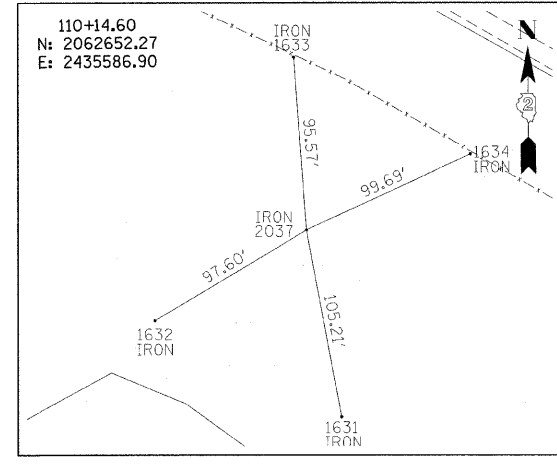
FRONTAGE ROAD 94+00.00



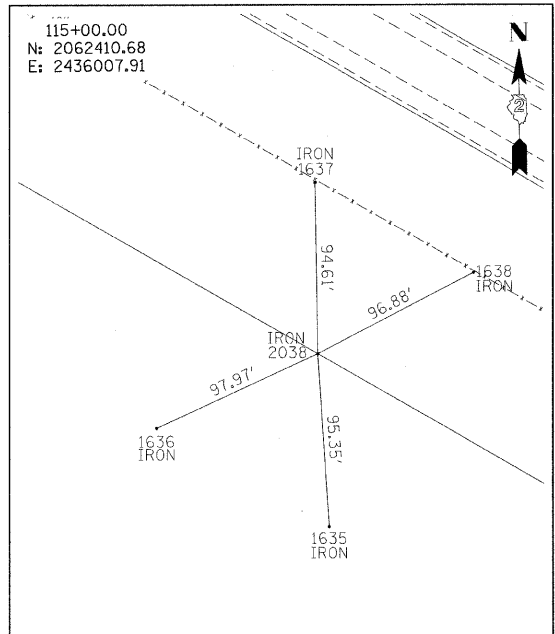
FRONTAGE ROAD 96+49.59



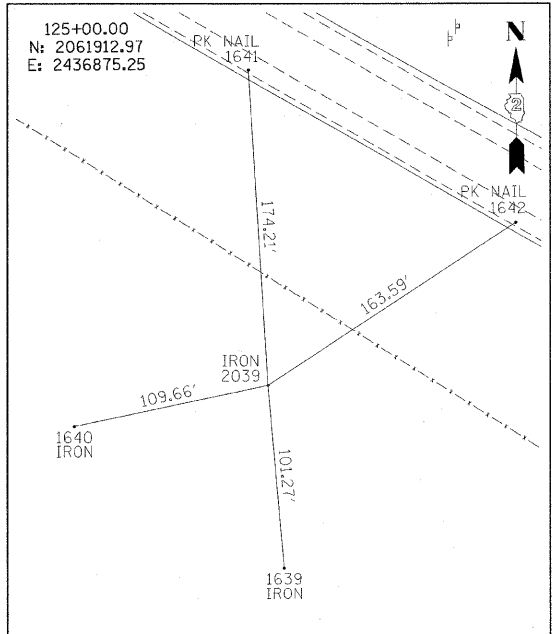
FRONTAGE ROAD 103+32.10



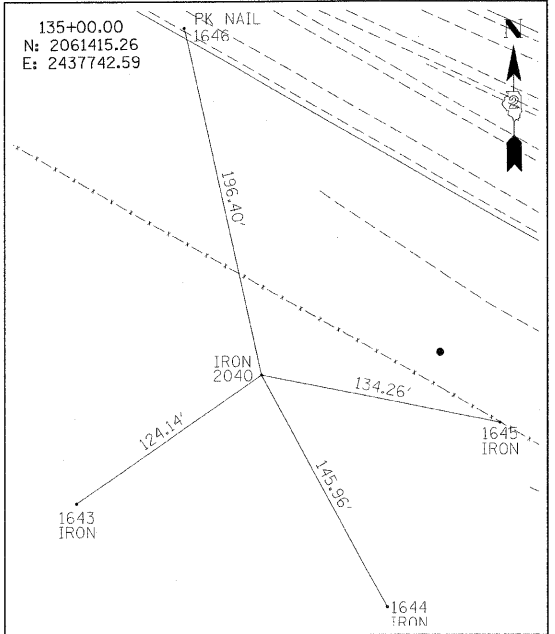
FRONTAGE ROAD 110+14.60



FRONTAGE ROAD 115+00.00



FRONTAGE ROAD 125+00.00



FRONTAGE ROAD 135+00.00

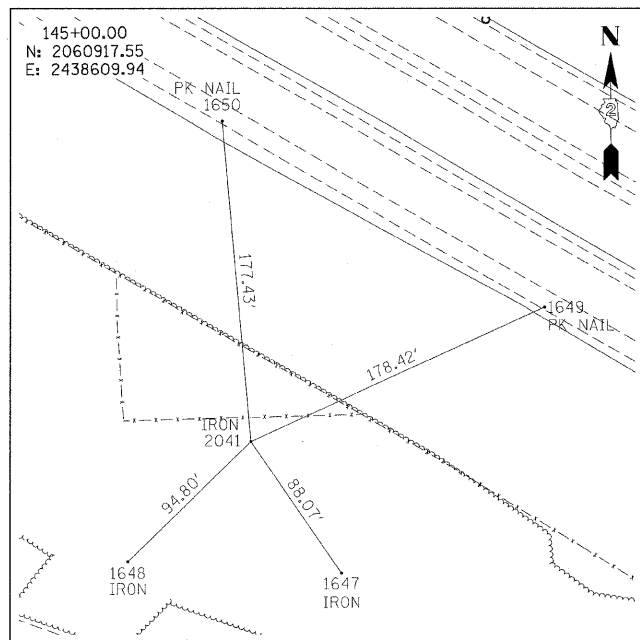
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 ALIGNMENT, TIES
 AND BENCHMARKS

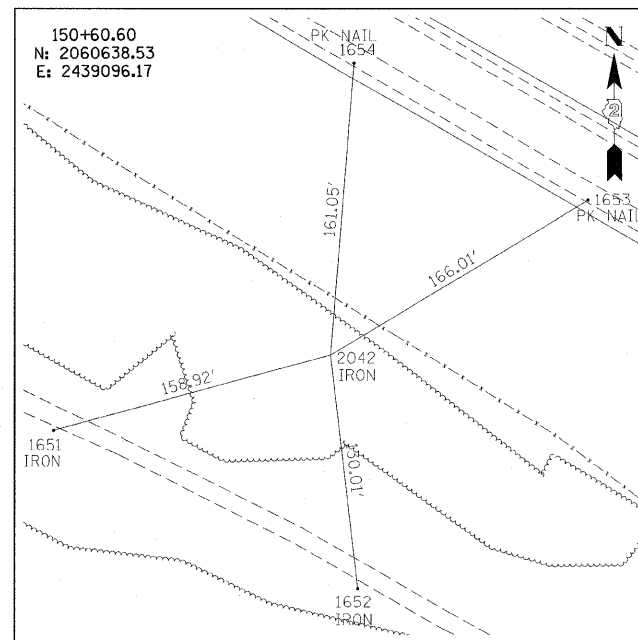
SCALE: DATE: 01-22-10
 DRAWN BY SJV
 CHECKED BY RMH



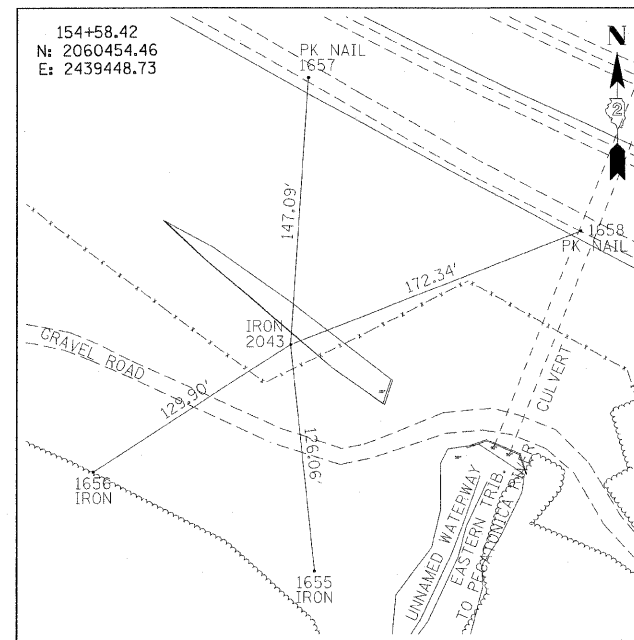
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	48
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02		CONTRACT #64799		



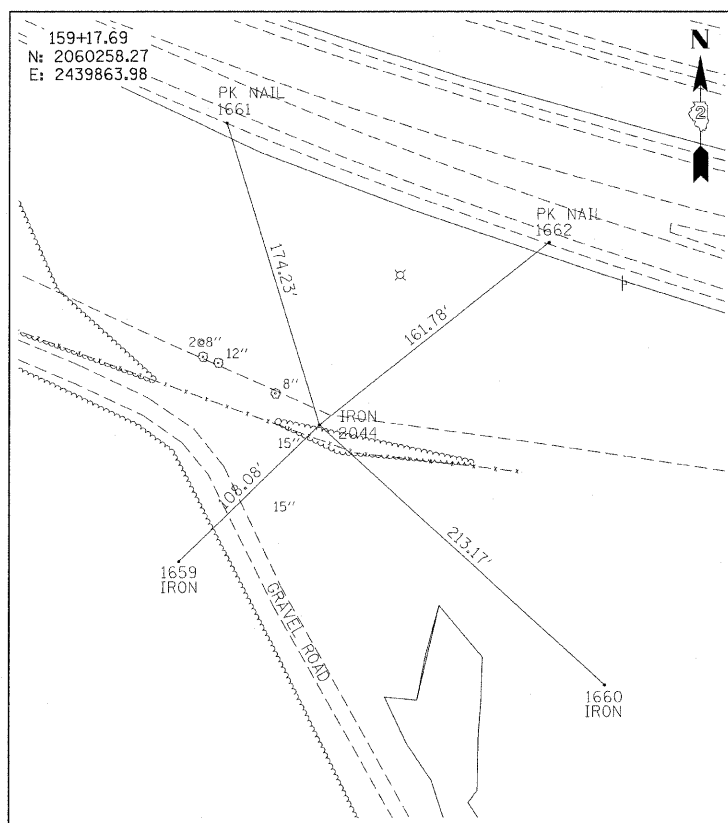
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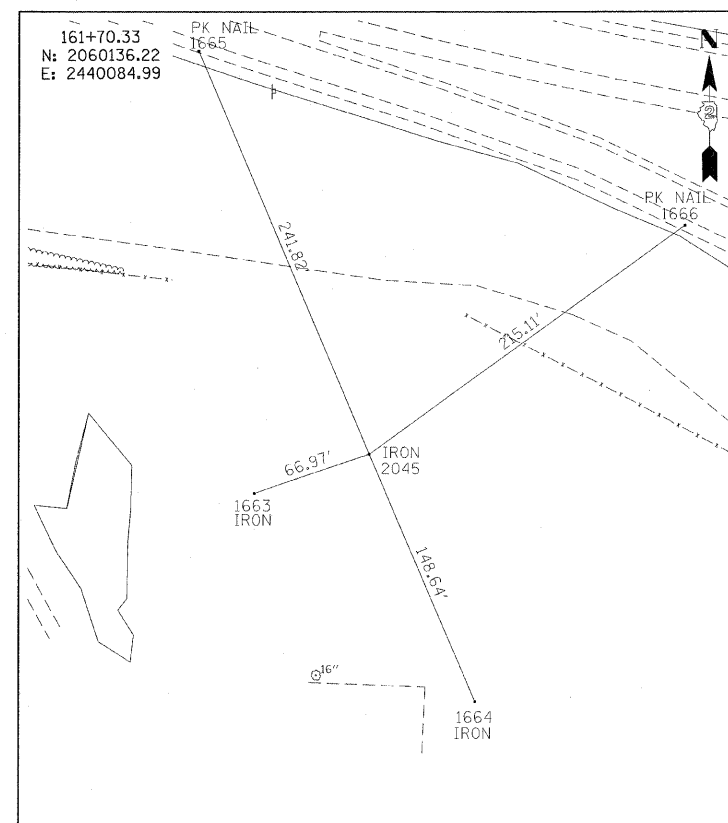
FRONTAGE ROAD 150+60.60



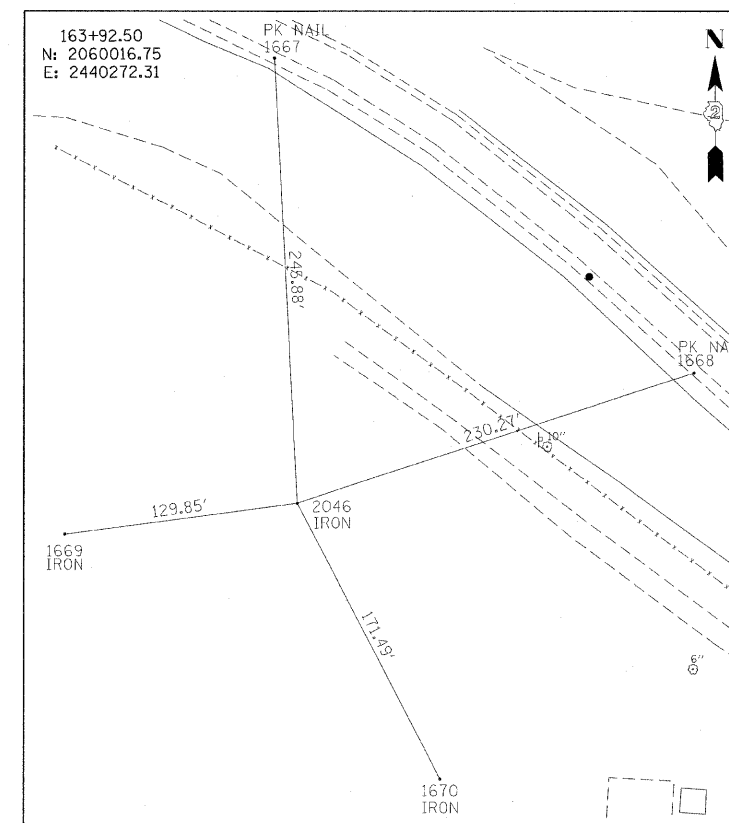
FRONTAGE ROAD 154+58.42



FRONTAGE ROAD 159+17.69



FRONTAGE ROAD 161+70.33



FRONTAGE ROAD 163+92.50

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

ALIGNMENT, TIES
AND BENCHMARKS

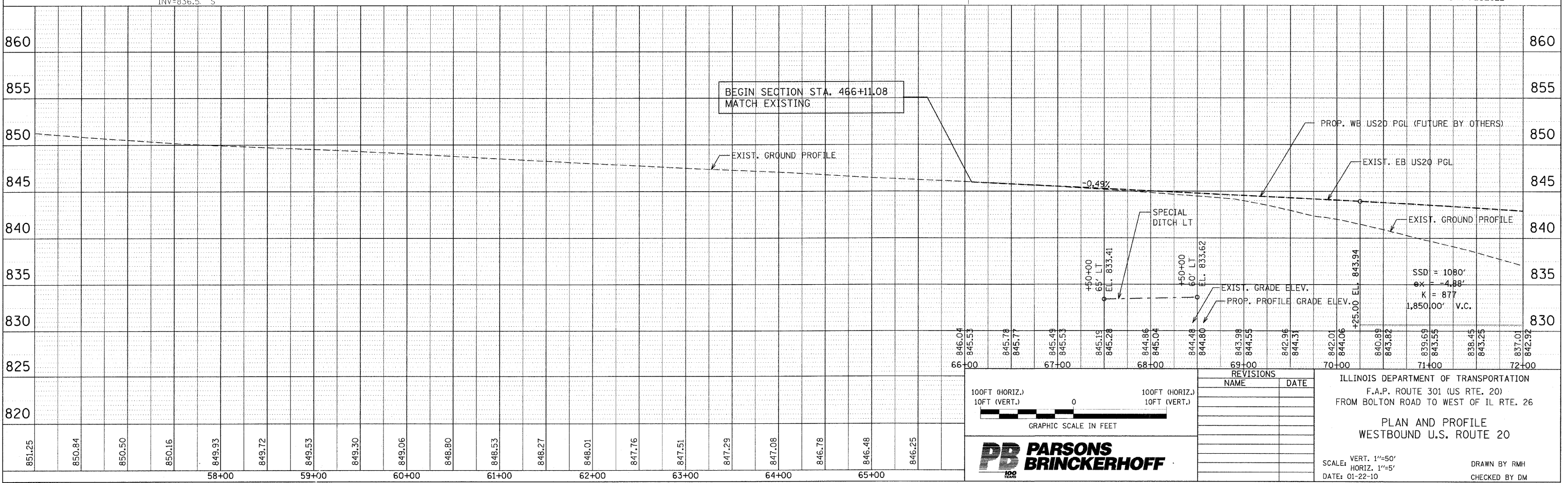
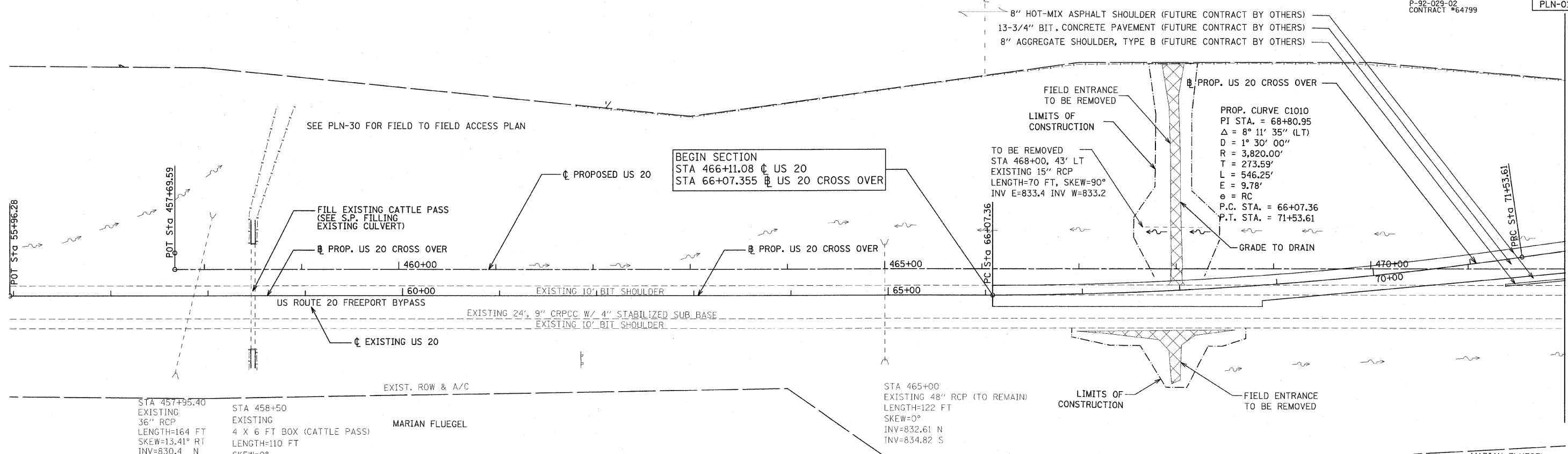
SCALE:
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH



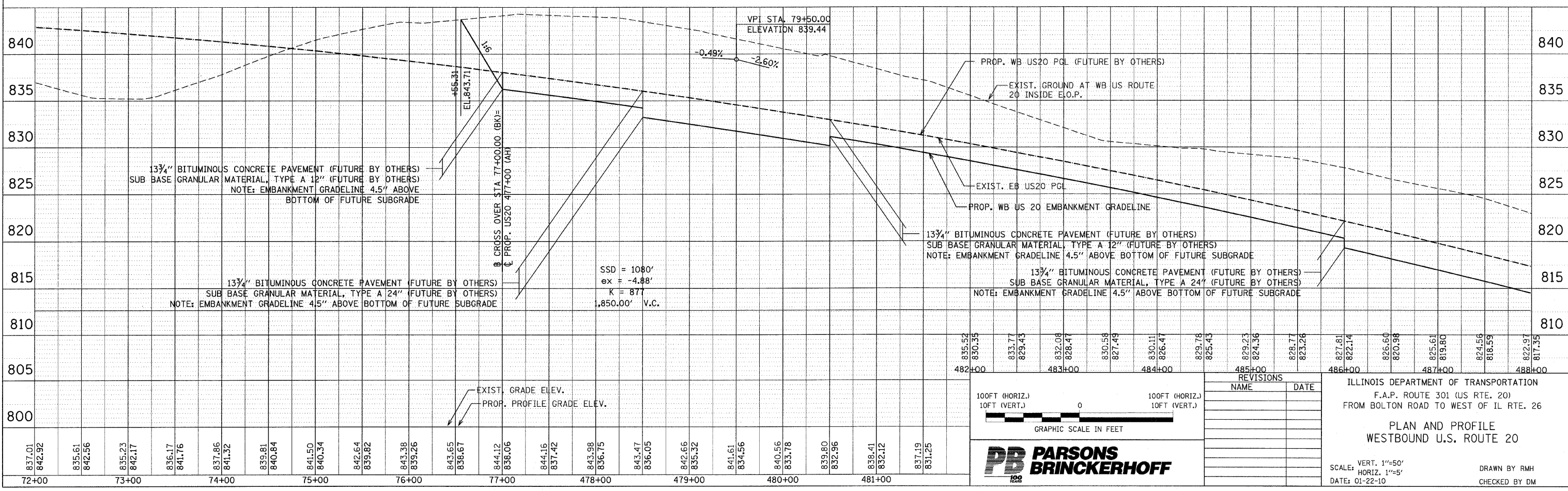
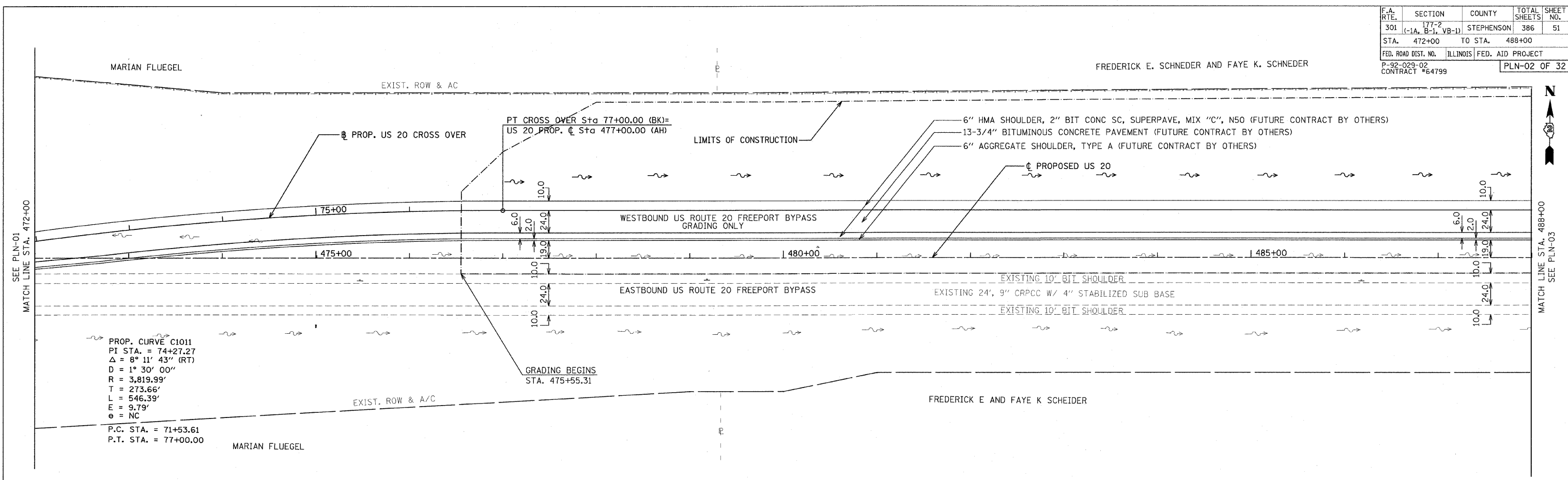
MARIAN FLUEGEL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	50
STA.	457+69	TO STA.	472+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-01 OF 32
CONTRACT #64799				



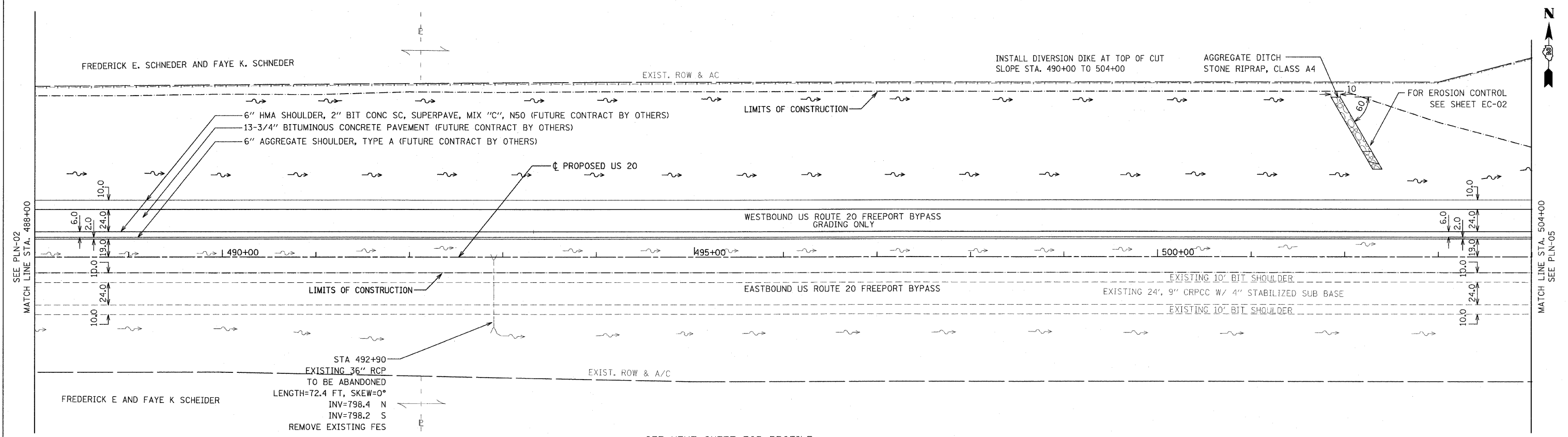
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	51
STA.	472+00	TO STA.	488+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02	CONTRACT #64799		PLN-02 OF 32	

FREDERICK E. SCHNEDER AND FAYE K. SCHNEDER



ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
PLAN AND PROFILE
WESTBOUND U.S. ROUTE 20
 SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 01-22-10
 DRAWN BY RMH
 CHECKED BY DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	52
STA.	488+00	TO STA.	504+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				CONTRACT #64799
				PLN-03 OF 32



SEE NEXT SHEET FOR PROFILE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

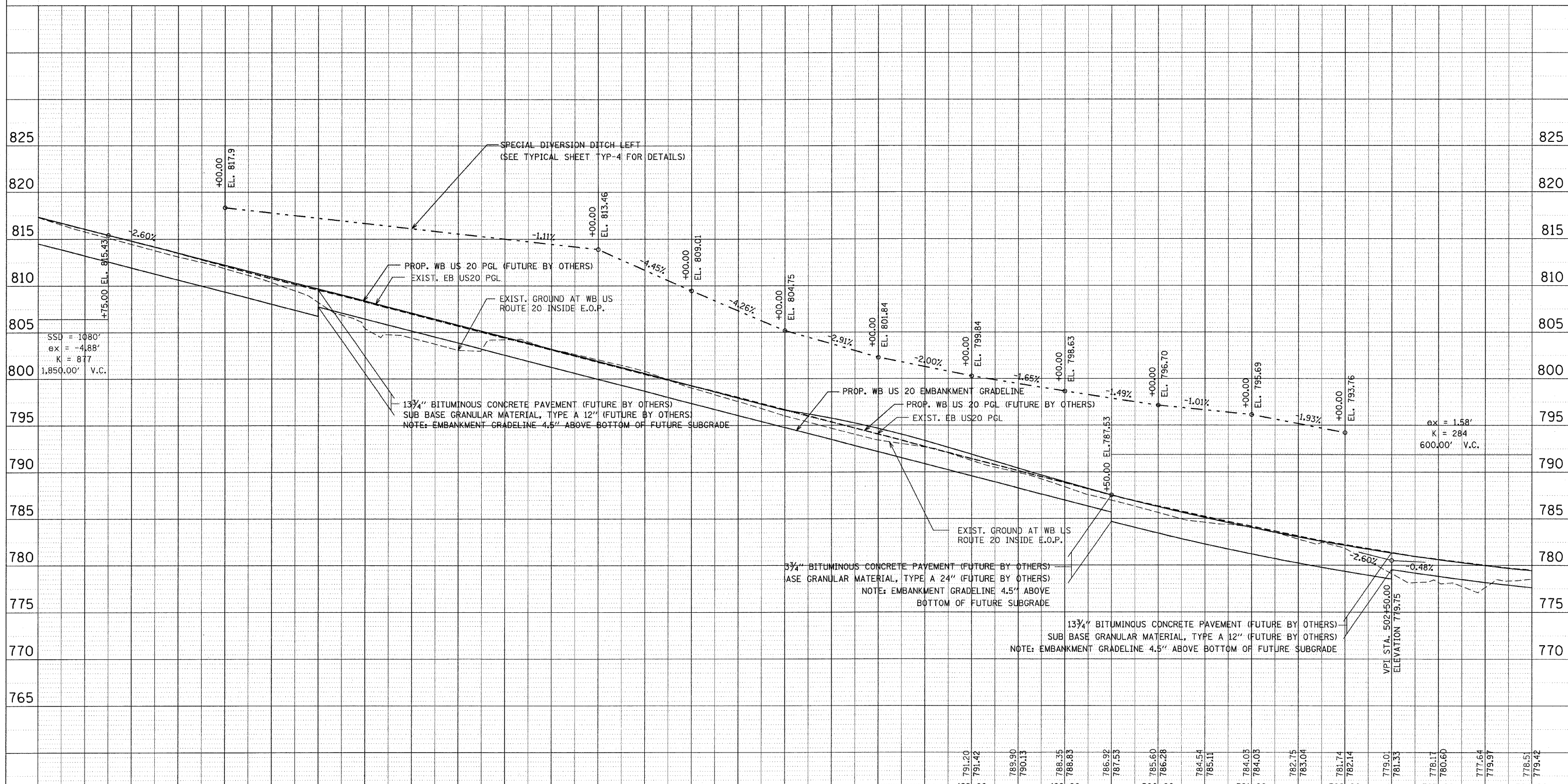
PLAN
 WESTBOUND U.S. ROUTE 20

SCALE: 1"=50'
 DATE: 01-22-10

DRAWN BY: RMH
 CHECKED BY: DM

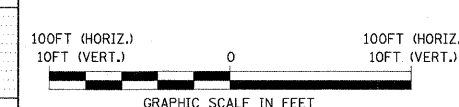


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	53
STA.	488+00	TO STA.	504+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-04 OF 32
CONTRACT #64799				



817.27 817.35	815.76 816.08	814.42 814.78	813.11 813.48	811.83 812.19	810.33 810.89	808.20 809.59	805.42 808.29	804.35 807.00	803.04 805.70	804.19 804.40	803.07 803.10	802.01 801.81	800.77 800.51	798.98 799.21	797.53 797.91	795.99 796.62	794.64 795.32	793.37 794.02	792.64 792.72	791.20 791.42	789.90 790.13	788.35 788.83	786.92 787.53	785.60 786.28	784.54 785.11	784.03 784.03	782.75 783.04	781.74 782.14	779.01 781.33	778.17 780.60	777.64 779.91	778.51 779.42		
488+00	489+00	490+00	491+00	492+00	493+00	494+00	495+00	496+00	497+00	498+00	499+00	500+00	501+00	502+00	503+00	504+00																		

EXIST. GRADE ELEV.
PROP. PROFILE GRADE ELEV.



REVISIONS	
NAME	DATE

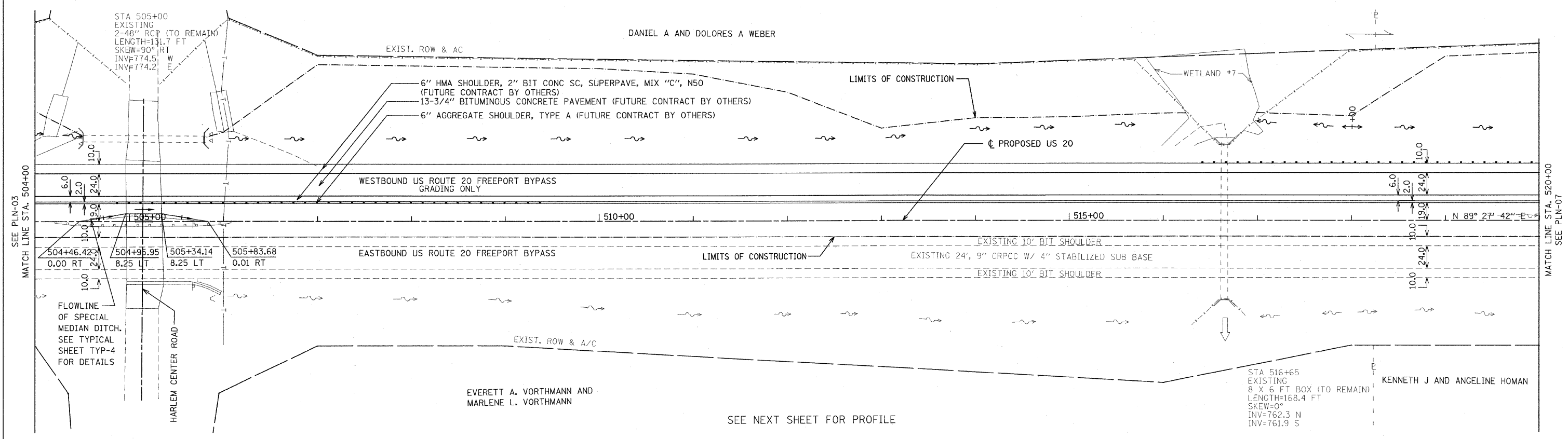
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PROFILE
WESTBOUND U.S. ROUTE 20

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	54
STA.	504+00	TO STA.	520+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-05 OF 32
CONTRACT #64799				



SEE PLN-03
MATCH LINE STA. 504+00

MATCH LINE STA. 520+00
SEE PLN-07

SEE NEXT SHEET FOR PROFILE

REVISIONS	
NAME	DATE

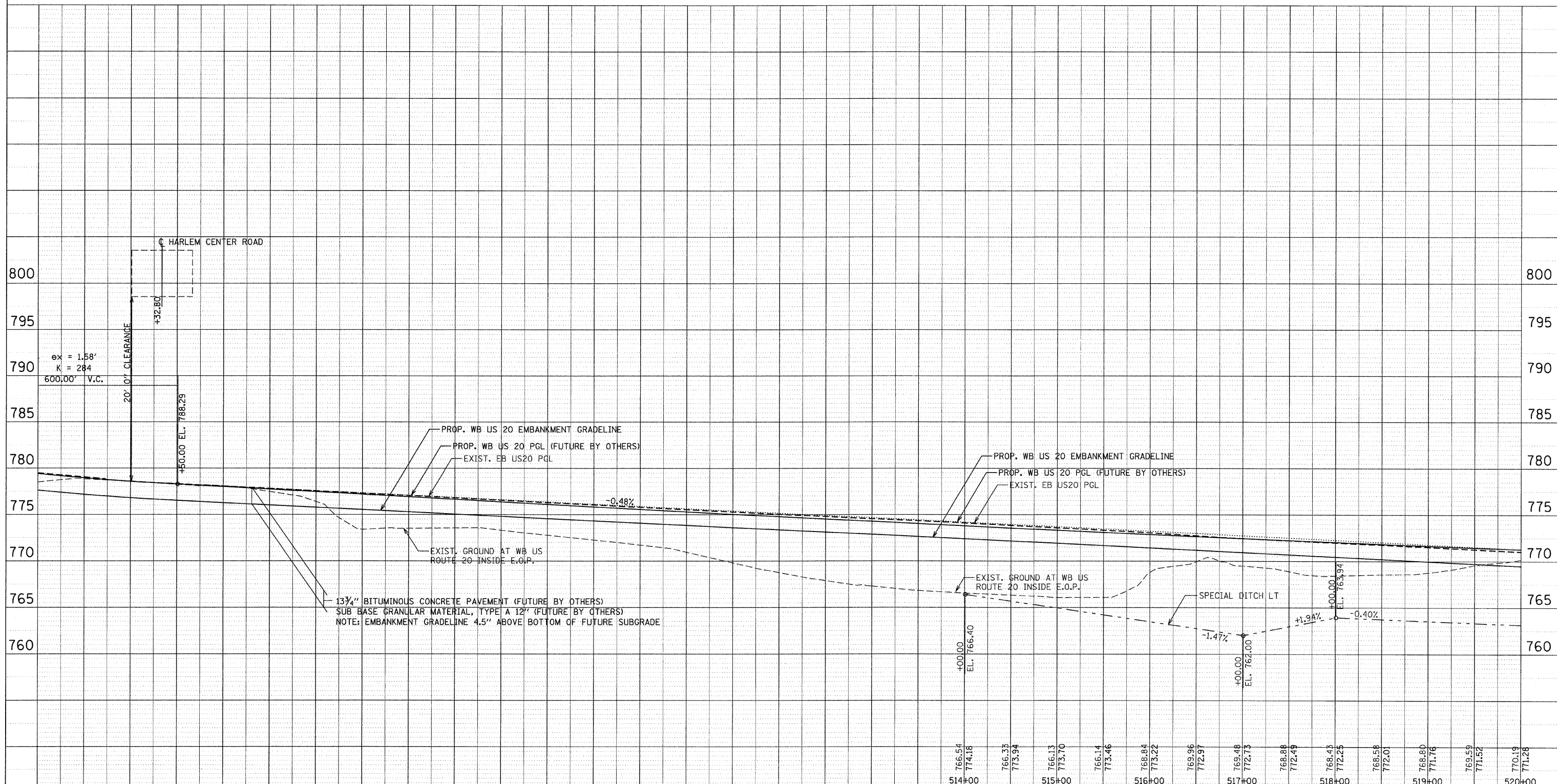
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN
WESTBOUND U.S. ROUTE 20



SCALE: 1"=50'
DATE: 01-22-10
DRAWN BY: RMH
CHECKED BY: DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	55
STA.	504+00	TO STA.	520+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02				PLN-06 OF 32
CONTRACT #64799				



EXIST. GROUND ELEV.	PROP. WB US20 EMBANKMENT PGL ELEV.
778.51	
779.42	
776.83	
778.95	
784.02	
778.58	
781.23	
778.29	
778.08	
778.05	
777.46	
777.81	
776.37	
777.57	
773.40	
777.33	
773.49	
777.08	
773.54	
776.84	
773.26	
776.60	
772.73	
776.36	
772.21	
776.12	
771.67	
775.88	
770.90	
775.63	
769.76	
775.39	
768.70	
775.15	
767.86	
774.91	
767.27	
774.67	
766.81	
774.42	

100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS	
NAME	DATE

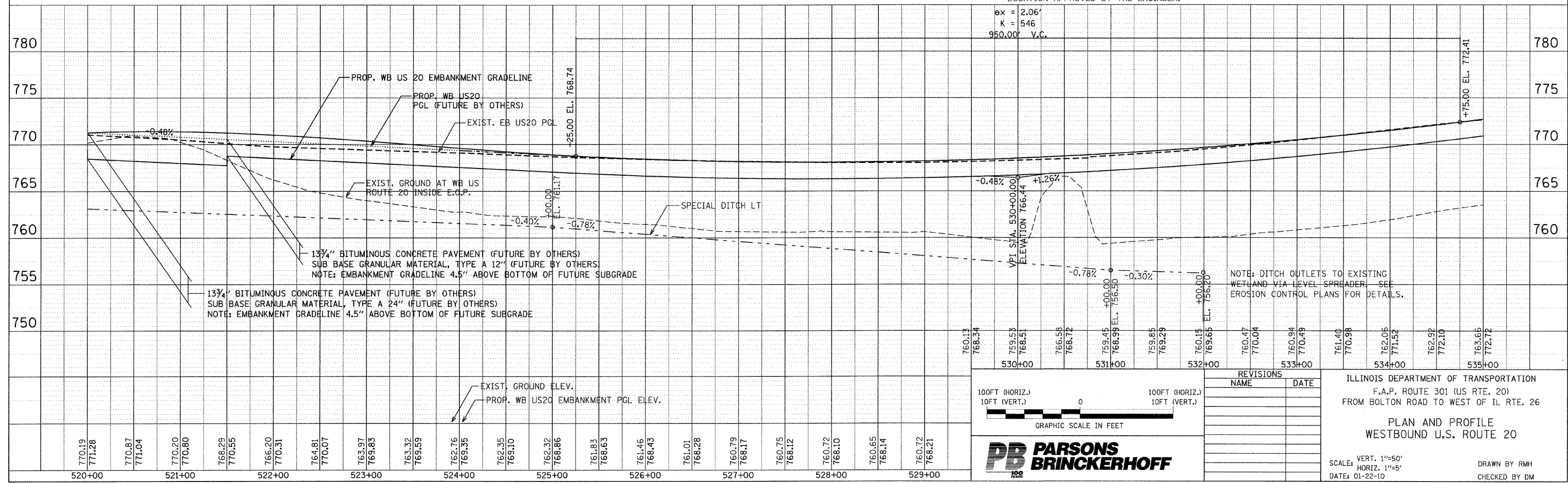
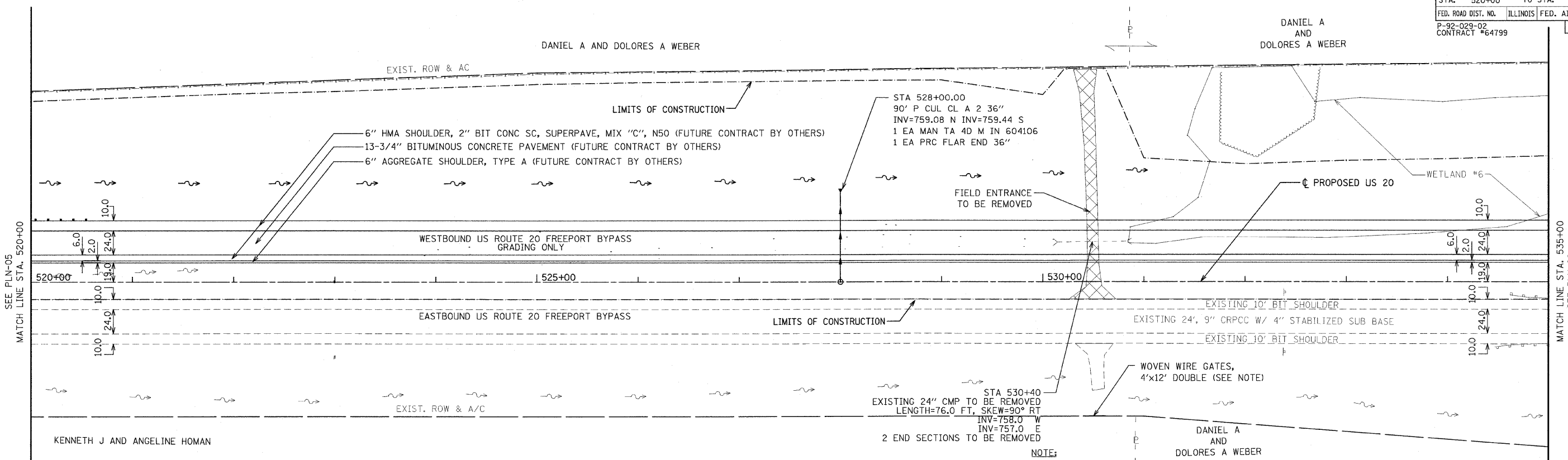
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PROFILE
WESTBOUND U.S. ROUTE 20

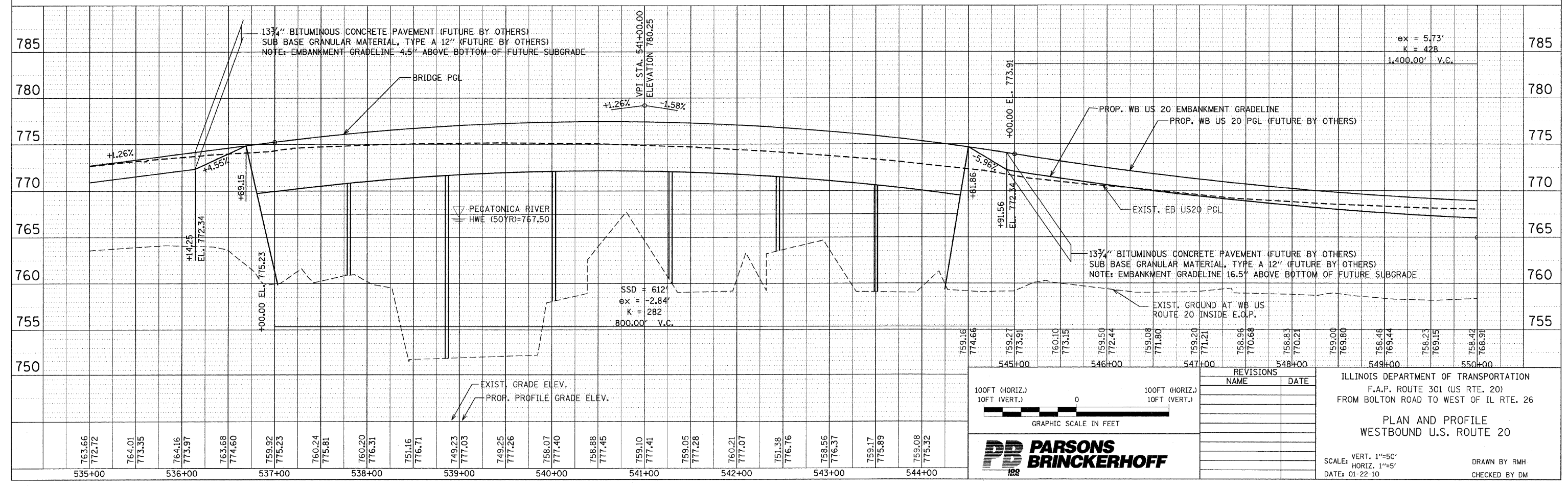
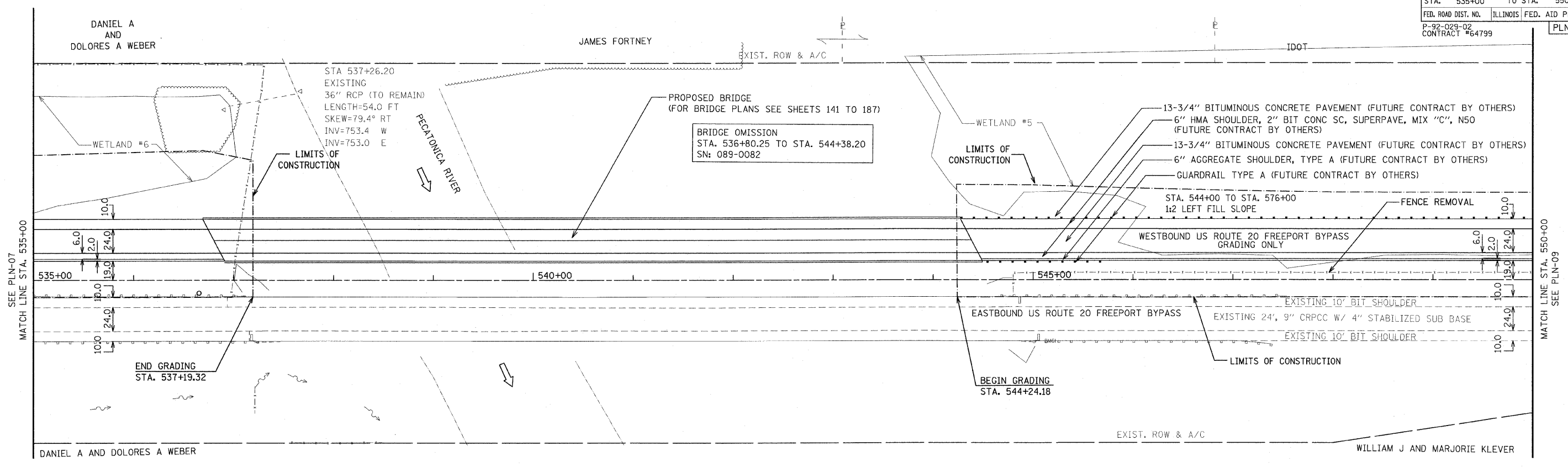
SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	56
STA.	520+00	TO STA.	535+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02	CONTRACT #64799		PLN-07 OF 32	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	57
STA.	535+00 TO STA. 550+00			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
P-92-029-02 CONTRACT #64799			PLN-08 OF 32	



100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

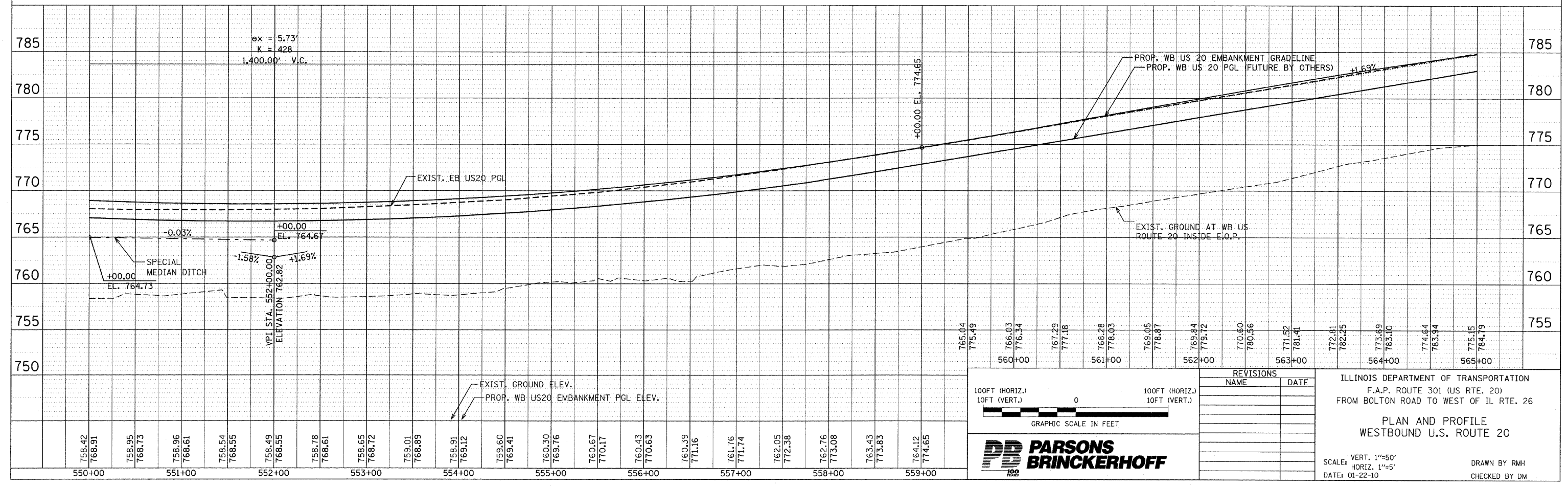
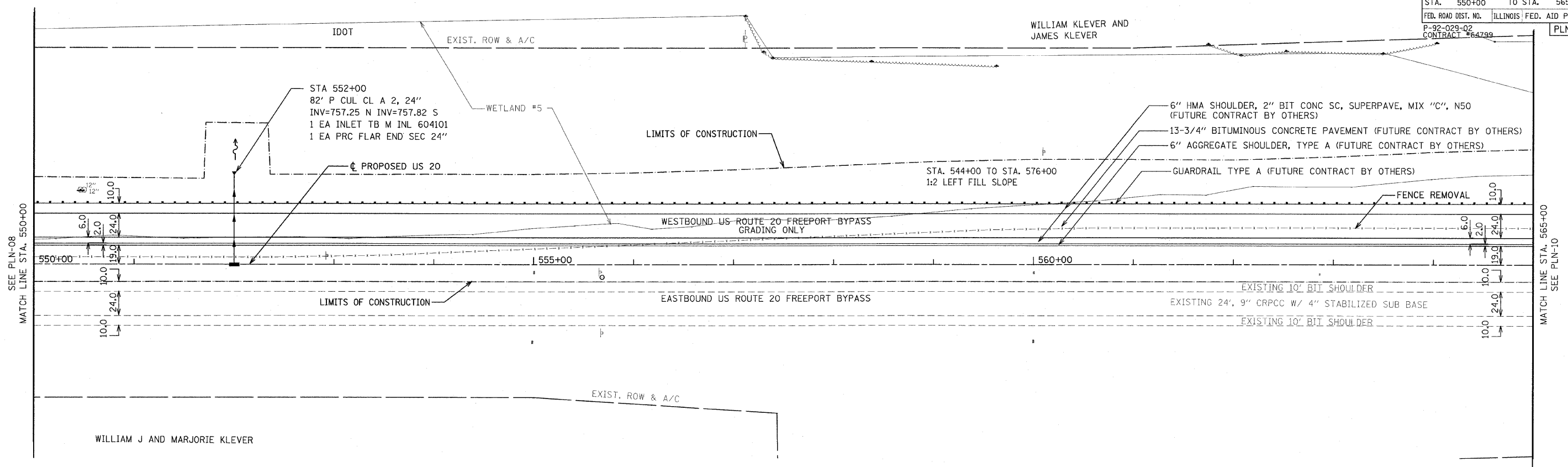
PLAN AND PROFILE
WESTBOUND U.S. ROUTE 20

SCALE: VERT. 1"=50'
HORIZ. 1"=50'

DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	58
STA.	550+00	TO STA.	565+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02 CONTRACT #64799	PLN-09 OF 32			



100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

REVISIONS	
NAME	DATE

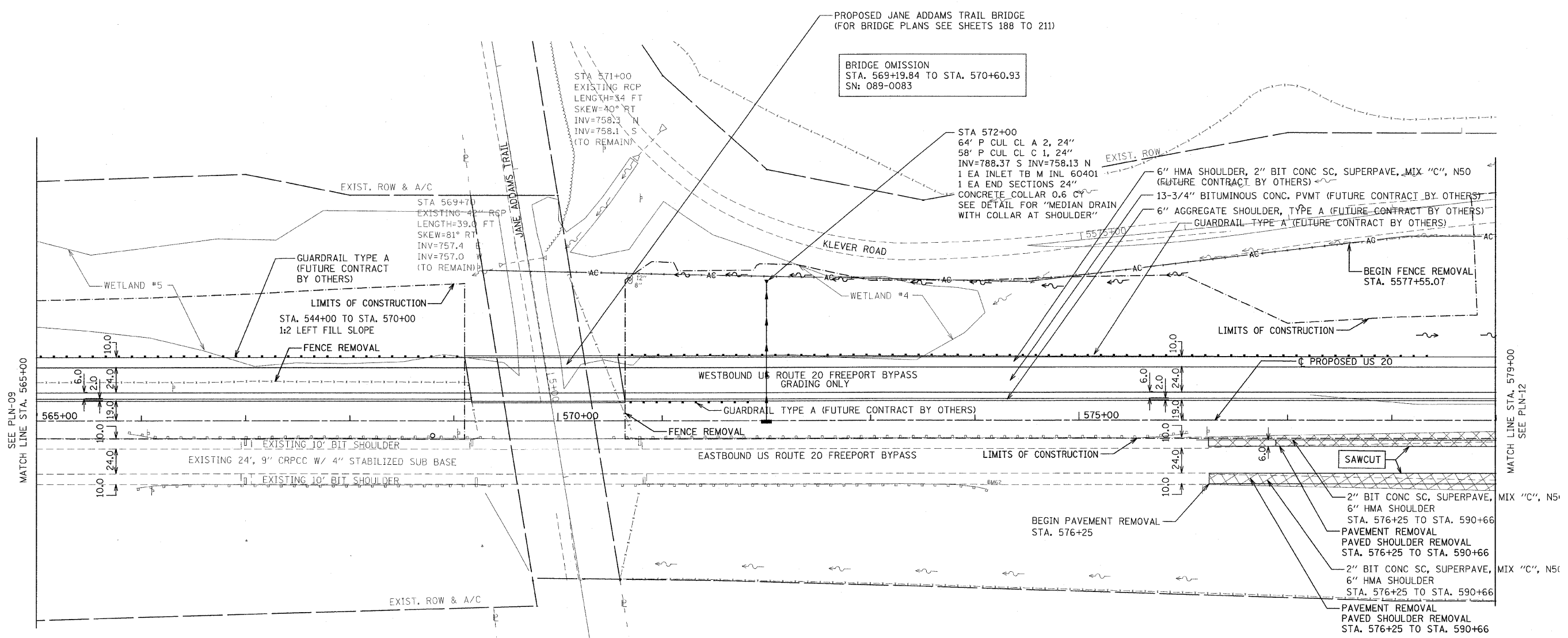
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN AND PROFILE
WESTBOUND U.S. ROUTE 20

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	59
STA.	565+00	TO STA.	580+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-10 OF 32
CONTRACT #64799				



BRIDGE OMISSION
 STA. 569+19.84 TO STA. 570+60.93
 SN: 089-0083

STA 571+00
 EXISTING RCP
 LENGTH=34 FT
 SKEW=40° RT
 INV=758.3 N
 INV=758.1 S
 (TO REMAIN)

STA 572+00
 64' P CUL CL A 2, 24"
 58' P CUL CL C 1, 24"
 INV=788.37 S INV=758.13 N
 1 EA INLET TB M INL 60401
 1 EA END SECTIONS 24"
 CONCRETE COLLAR 0.6 C
 SEE DETAIL FOR "MEDIAN DRAIN
 WITH COLLAR AT SHOULDER"

STA 569+70
 EXISTING 4" RCP
 LENGTH=39.0 FT
 SKEW=81° RT
 INV=757.4
 INV=757.0
 (TO REMAIN)

GUARDRAIL TYPE A
 (FUTURE CONTRACT BY OTHERS)

LIMITS OF CONSTRUCTION
 STA. 544+00 TO STA. 570+00
 1:2 LEFT FILL SLOPE

FENCE REMOVAL

WESTBOUND US ROUTE 20 FREEPORT BYPASS
 GRADING ONLY

GUARDRAIL TYPE A (FUTURE CONTRACT BY OTHERS)

FENCE REMOVAL

EASTBOUND US ROUTE 20 FREEPORT BYPASS

LIMITS OF CONSTRUCTION

SAWCUT

BEGIN PAVEMENT REMOVAL
 STA. 576+25

2" BIT CONC SC, SUPERPAVE, MIX "C", N50
 6" HMA SHOULDER
 STA. 576+25 TO STA. 590+66

PAVEMENT REMOVAL
 PAVED SHOULDER REMOVAL
 STA. 576+25 TO STA. 590+66

2" BIT CONC SC, SUPERPAVE, MIX "C", N50
 6" HMA SHOULDER
 STA. 576+25 TO STA. 590+66

PAVEMENT REMOVAL
 PAVED SHOULDER REMOVAL
 STA. 576+25 TO STA. 590+66

SEE NEXT SHEET FOR PROFILE

SEE PLN-09
 MATCH LINE STA. 565+00

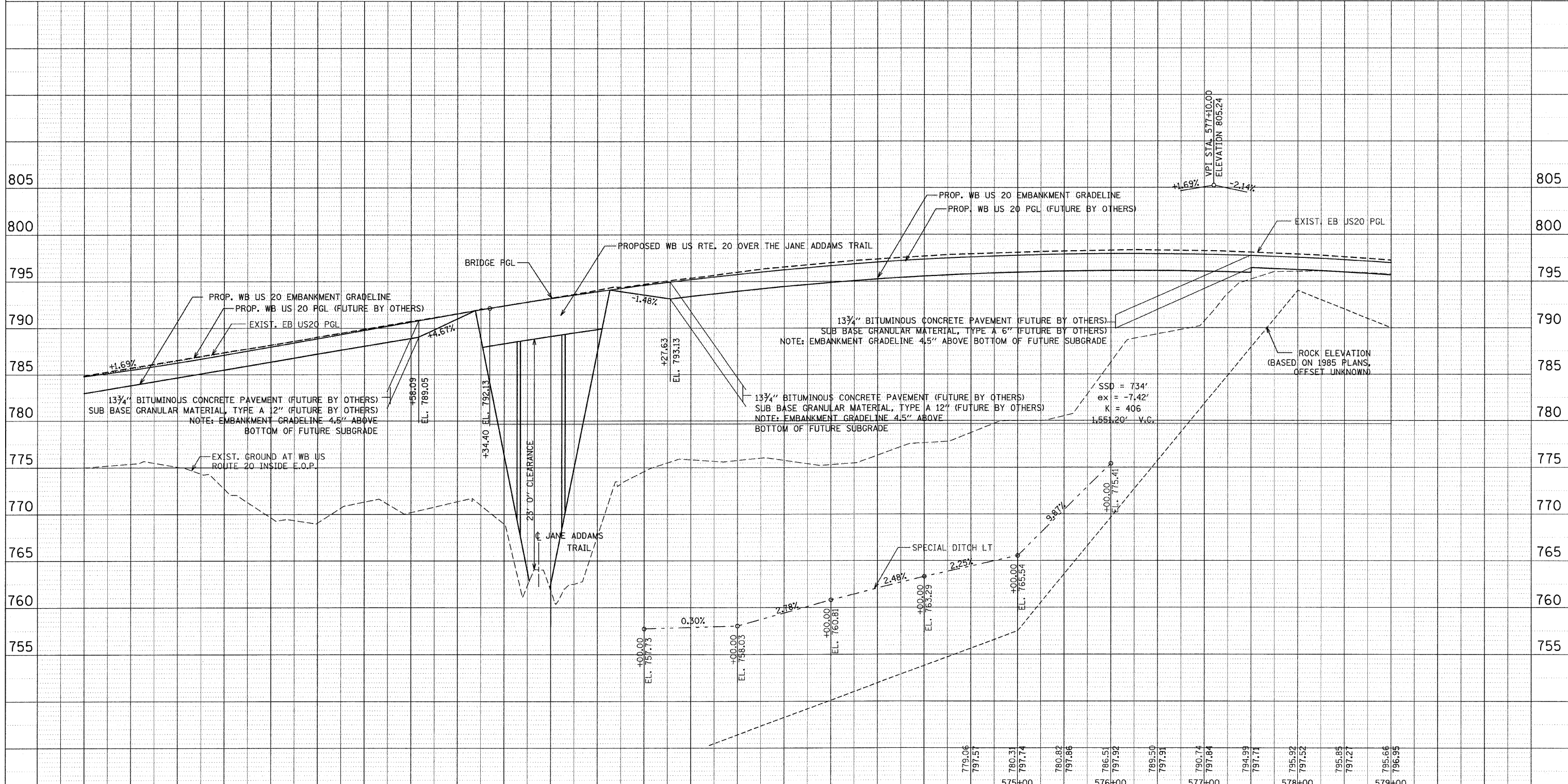
MATCH LINE STA. 579+00
 SEE PLN-12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 PLAN
 WESTBOUND U.S. ROUTE 20



SCALE: 1"=50'
 DATE: 01-22-10
 DRAWN BY: RMH
 CHECKED BY: DM



775.15	775.56	775.24	772.94	769.90	771.63	770.54	771.70	769.30	761.84	774.93	776.12	776.12	775.68	777.98
764.79	765.63	766.48	767.32	768.17	769.86	790.70	791.55	792.39	793.19	794.59	795.75	796.24	797.02	797.33
565+00	566+00	567+00	568+00	569+00	570+00	571+00	572+00	573+00	574+00					

100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PROFILE
WESTBOUND U.S. ROUTE 20

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

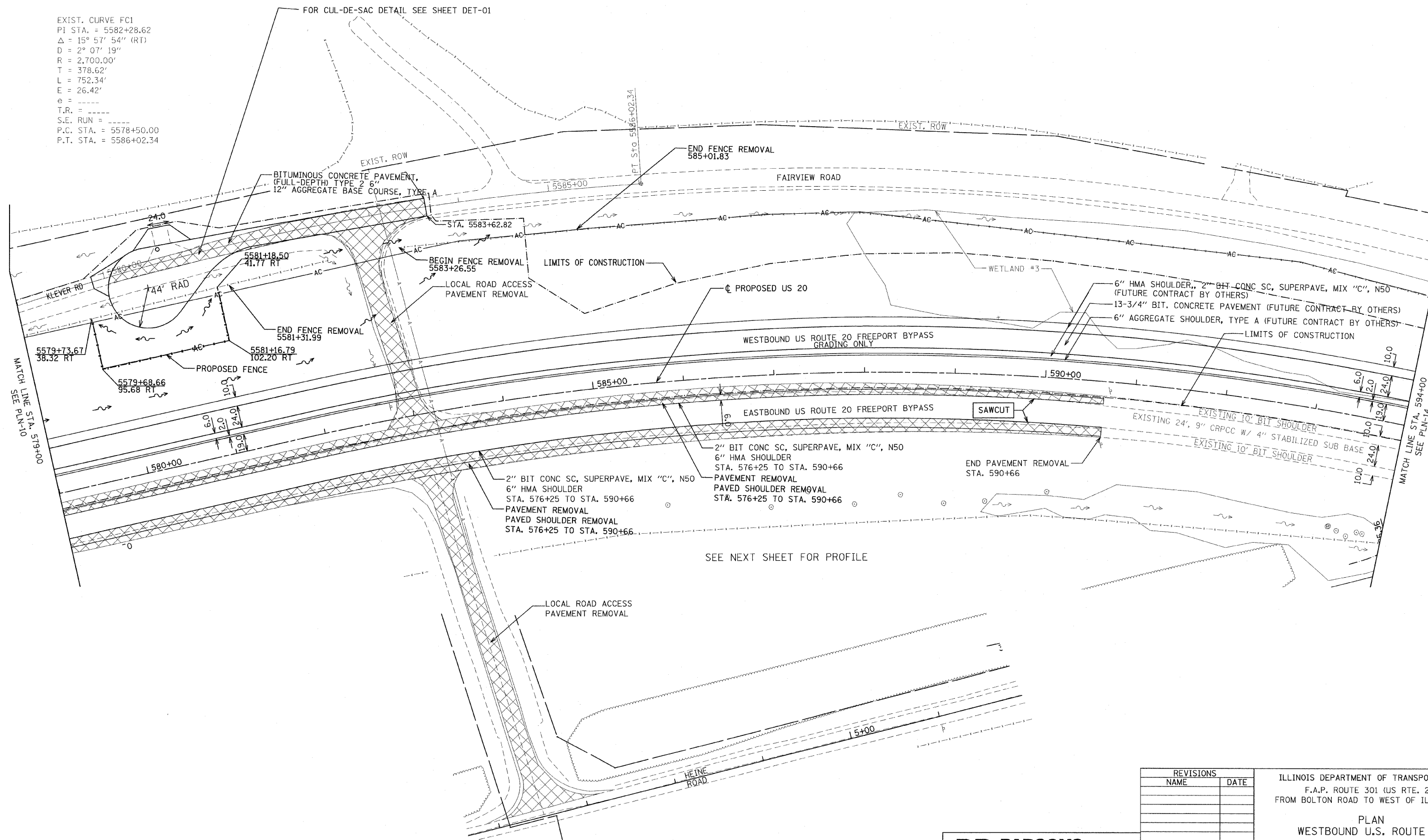
REVISIONS	
NAME	DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	61
STA.	580+00	TO STA.	594+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-12 OF 32
CONTRACT #64799				



EXIST. CURVE FCI
 PI STA. = 5582+28.62
 $\Delta = 15^\circ 57' 54''$ (RT)
 $D = 2^\circ 07' 19''$
 $R = 2,700.00'$
 $T = 378.62'$
 $L = 752.34'$
 $E = 26.42'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 5578+50.00
 P.T. STA. = 5586+02.34

FOR CUL-DE-SAC DETAIL SEE SHEET DET-01



SEE NEXT SHEET FOR PROFILE

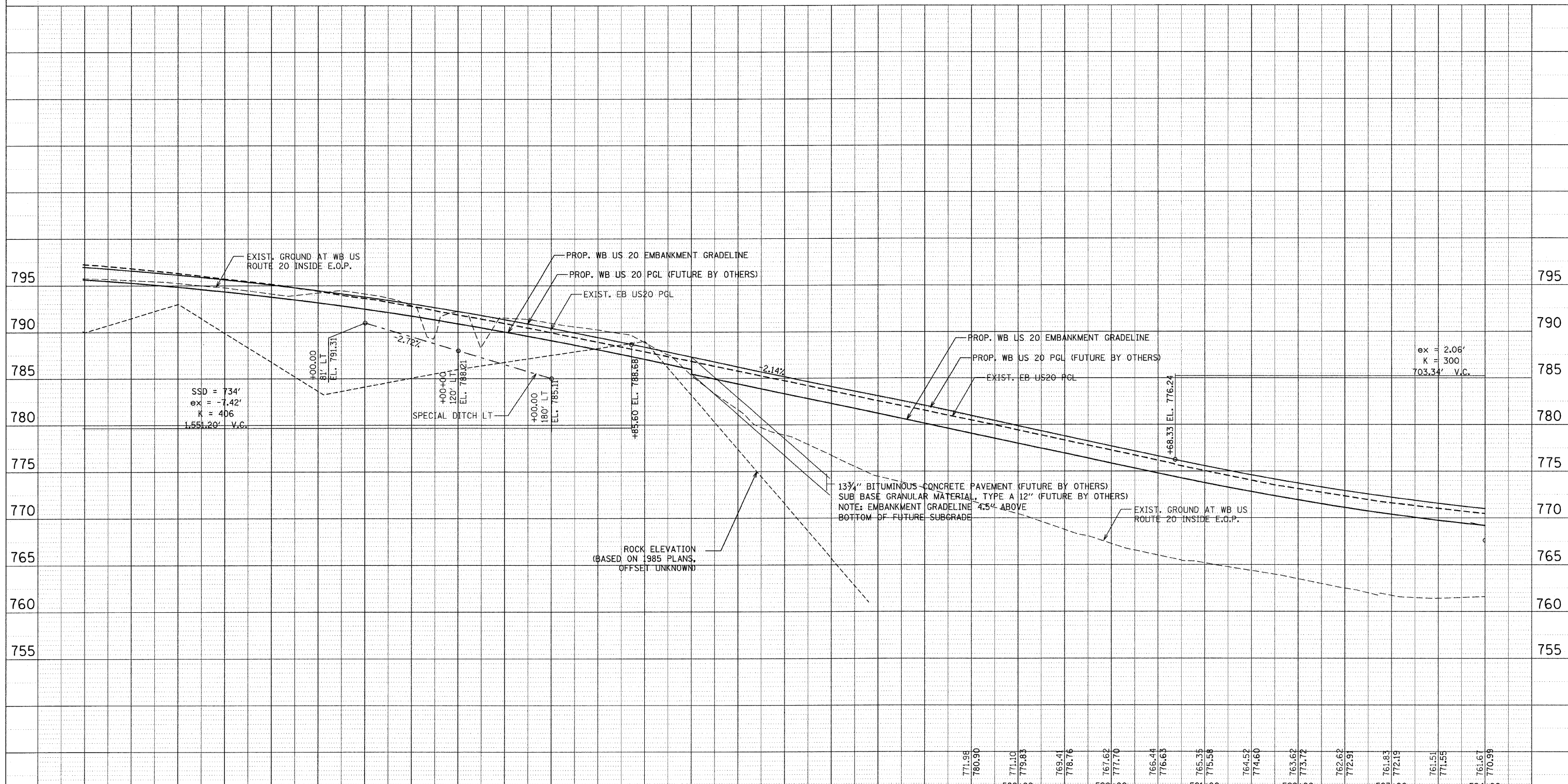
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 PLAN
 WESTBOUND U.S. ROUTE 20



SCALE: 1"=50'
 DATE: 01-22-10
 DRAWN BY RMH
 CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	62
STA.	580+00	TO STA.	594+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-13 OF 32
CONTRACT #64799				



795.66	796.95	795.44	796.58	795.10	796.14	794.63	795.64	793.97	795.08	794.09	794.46	793.88	793.77	792.58	793.02	792.17	792.22	791.33	791.35	790.78	790.42	790.05	789.42	788.74	788.37	785.35	787.30	781.64	786.24	779.02	785.17	776.88	784.10	774.64	783.03	773.38	781.97			
579+00		580+00		581+00		582+00		583+00		584+00		585+00		586+00		587+00		588+00		589+00		590+00		591+00		592+00		593+00		594+00		595+00		596+00		597+00		598+00		599+00

100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PROFILE
WESTBOUND U.S. ROUTE 20

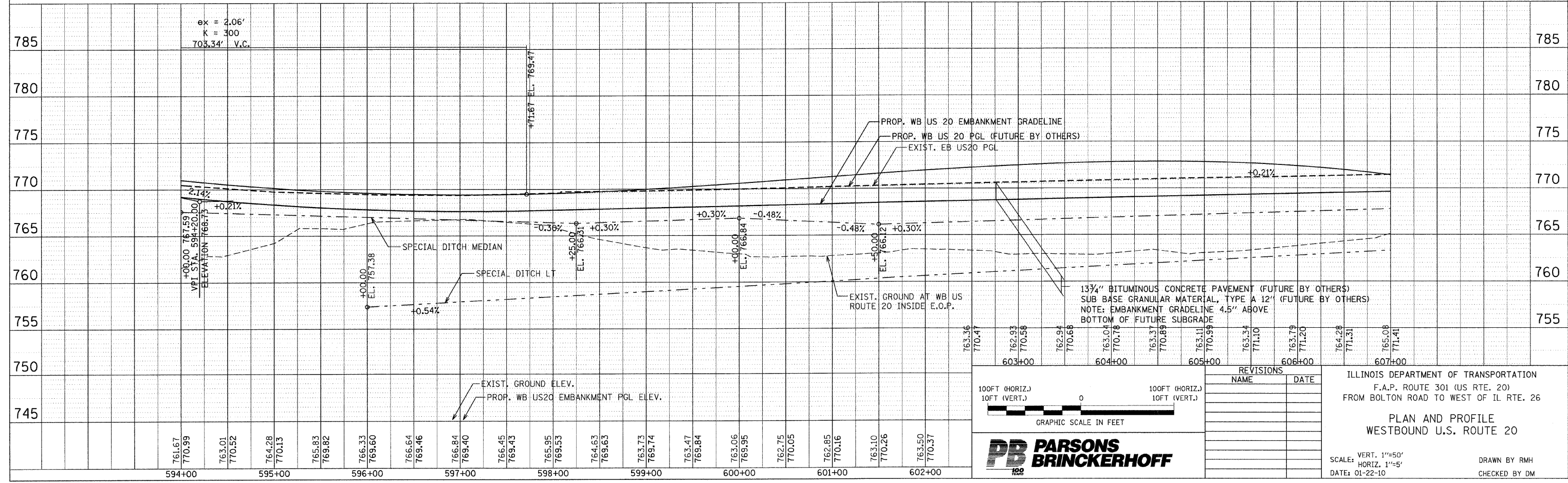
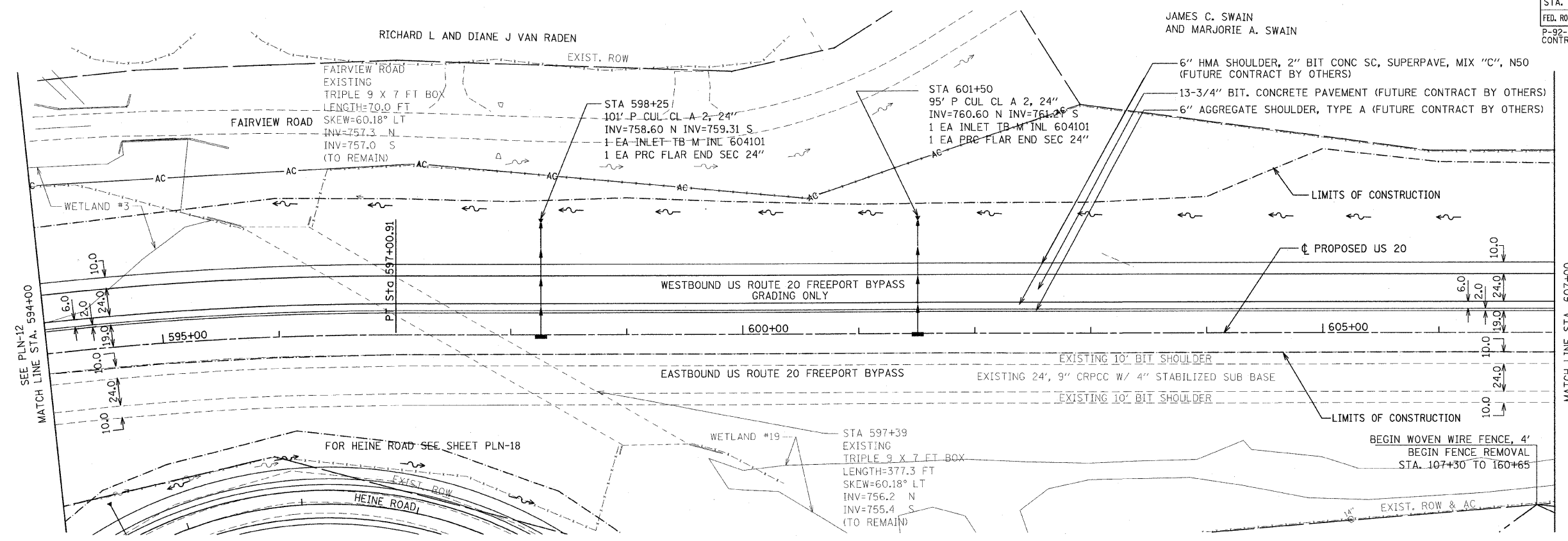
SCALE: VERT. 1"=50'
HORIZ. 1"=50'

DATE: 01-22-10

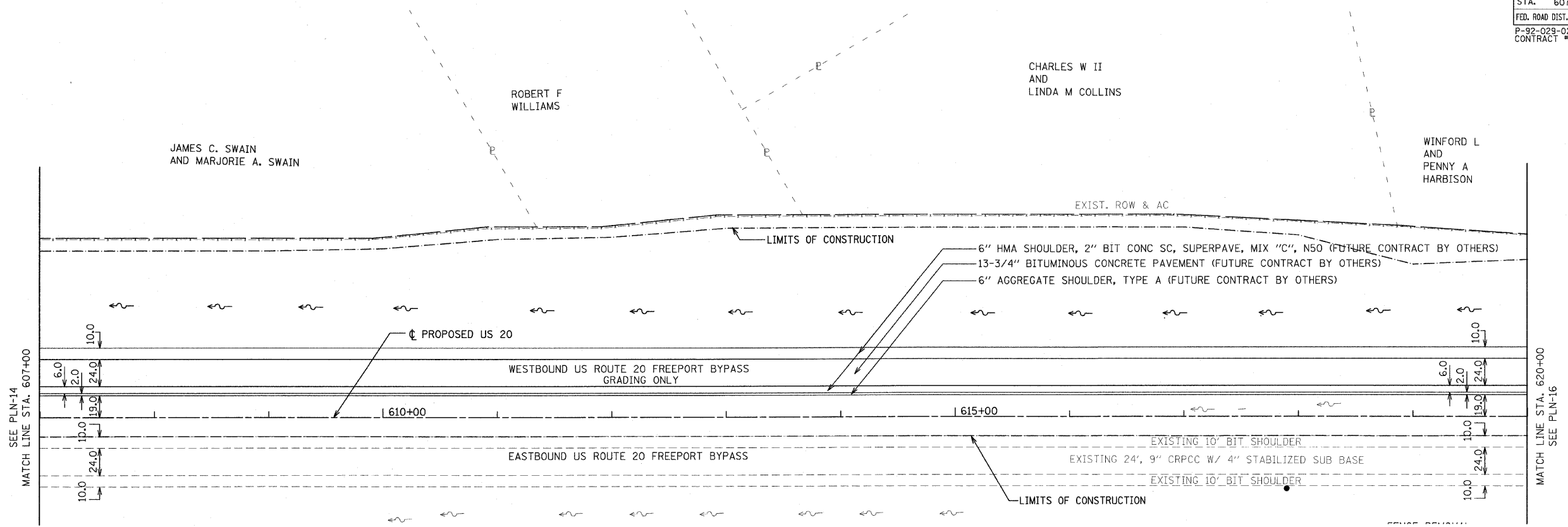
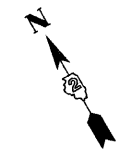
DRAWN BY RMH
CHECKED BY DM

PARSONS BRINCKERHOFF

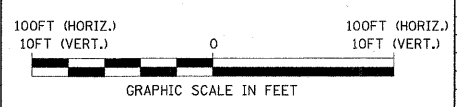
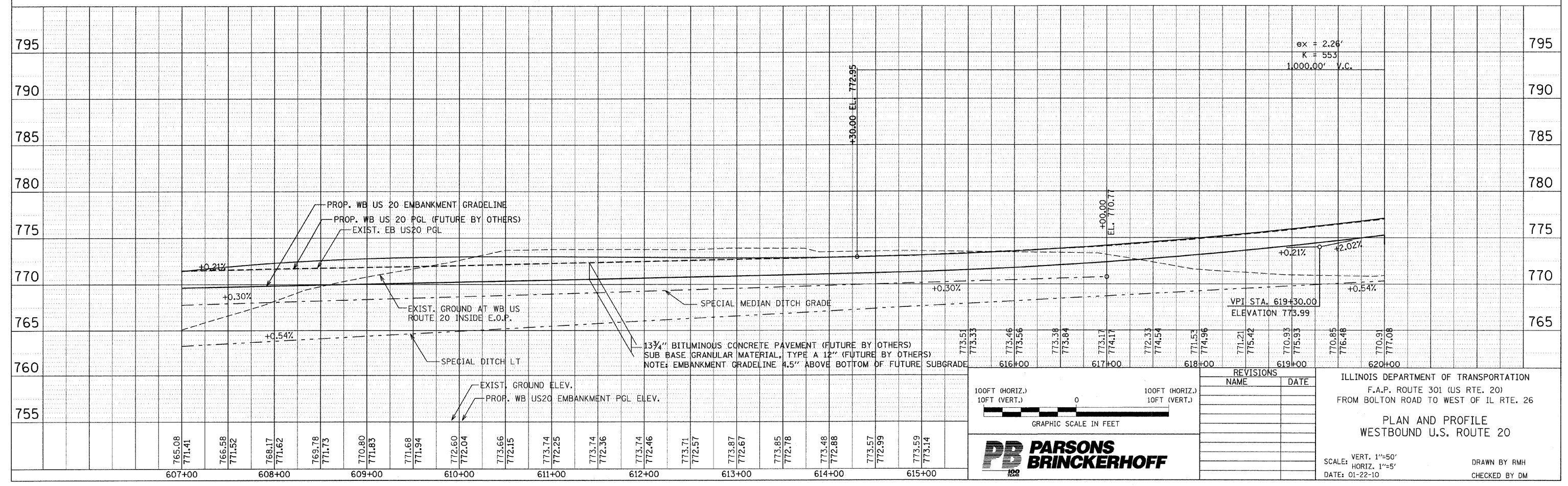
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	63
STA.	594+00	TO STA.	607+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-028-02	CONTRACT #64799		PLN-14 OF 32	



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	64
STA.	607+00	TO STA.	620+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-15 OF 32
CONTRACT #64799				



SEE PLN-20 FOR FRONTAGE ROAD



REVISIONS	
NAME	DATE

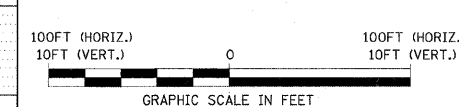
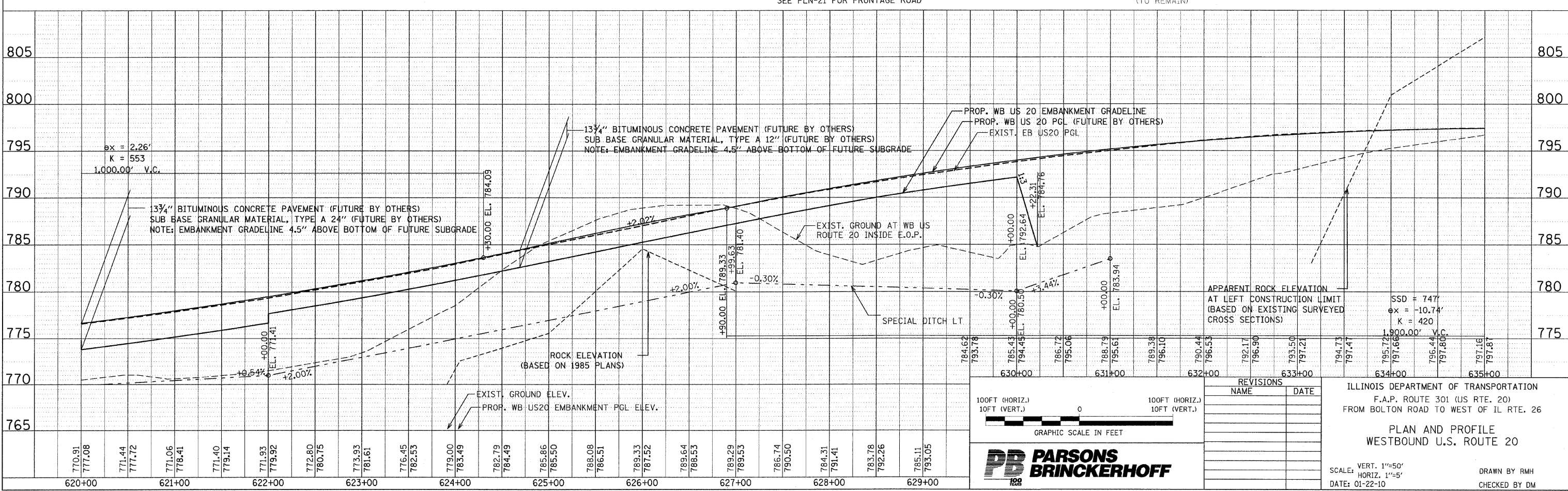
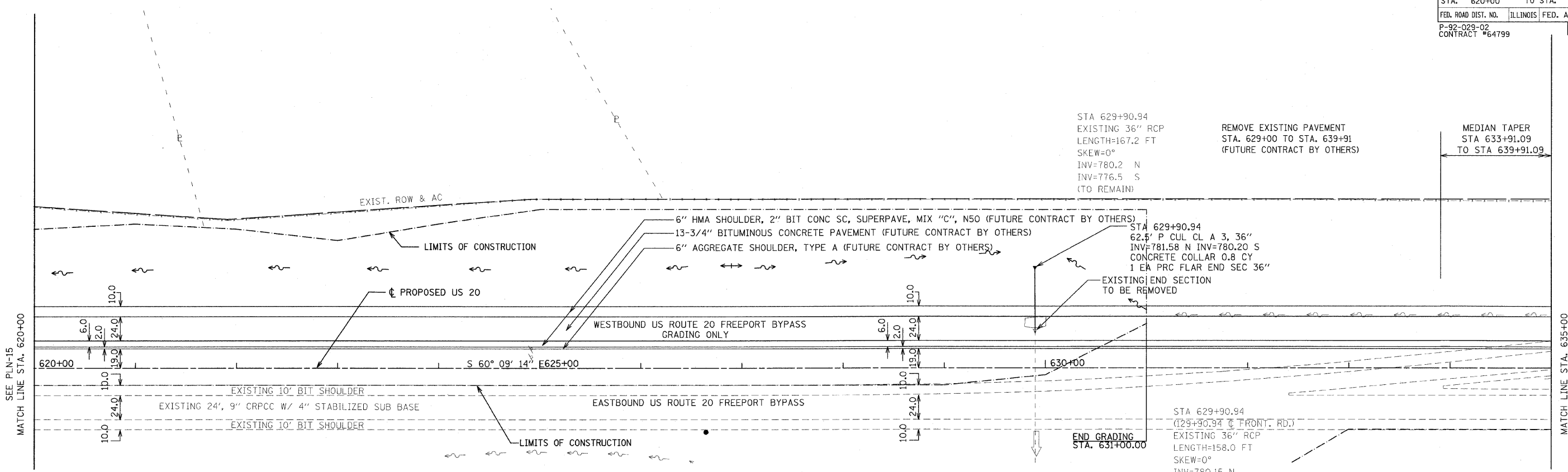
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN AND PROFILE
 WESTBOUND U.S. ROUTE 20

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	65
STA.	TO STA.			
620+00	635+00			
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
P-92-029-02			PLN-16 OF 32	
CONTRACT #64799				



REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

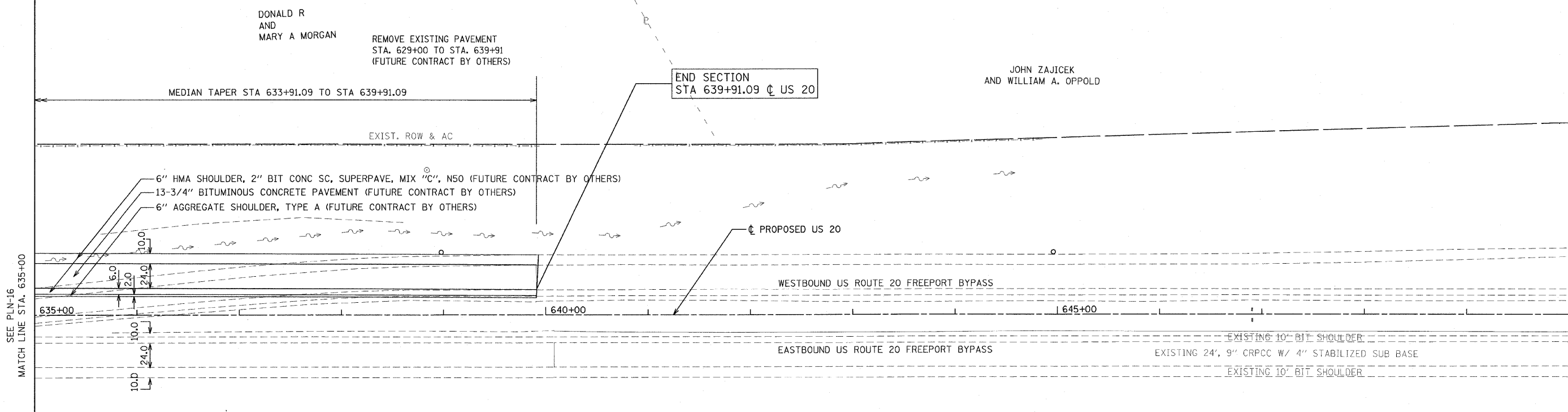
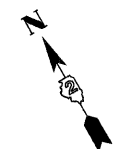
PLAN AND PROFILE
 WESTBOUND U.S. ROUTE 20

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'

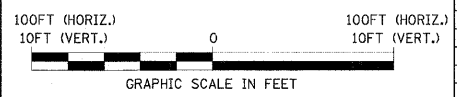
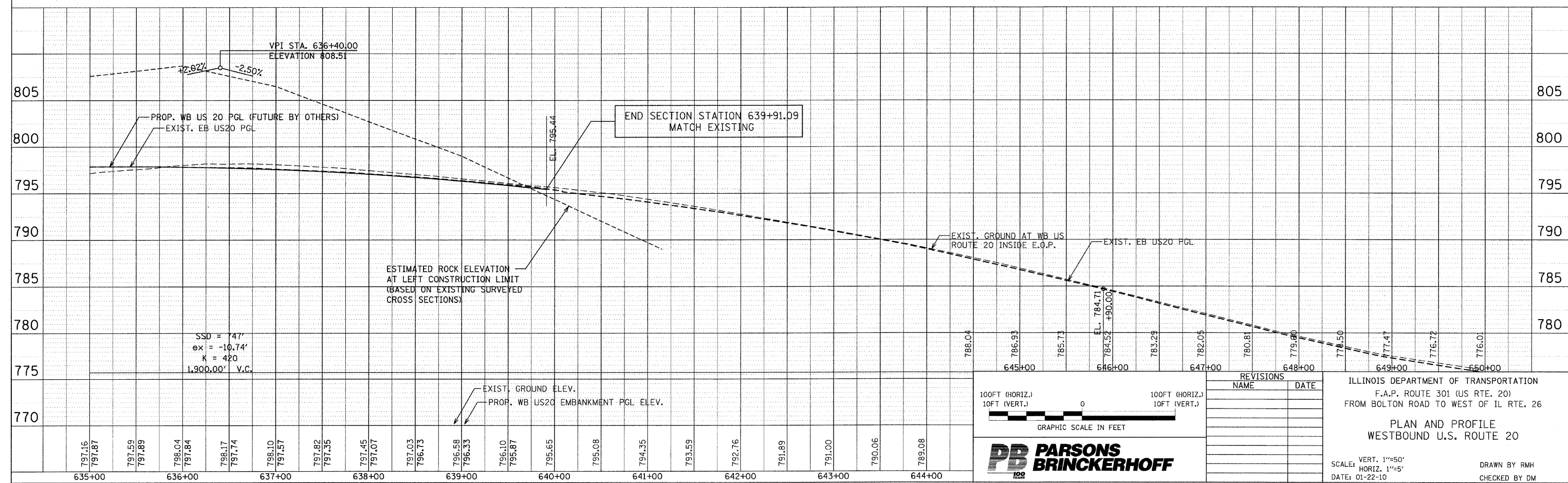
DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	66
STA.	635+00	TO STA.	650+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-17 OF 32
CONTRACT #64799				



SEE PLN-23 FOR FRONTAGE ROAD



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

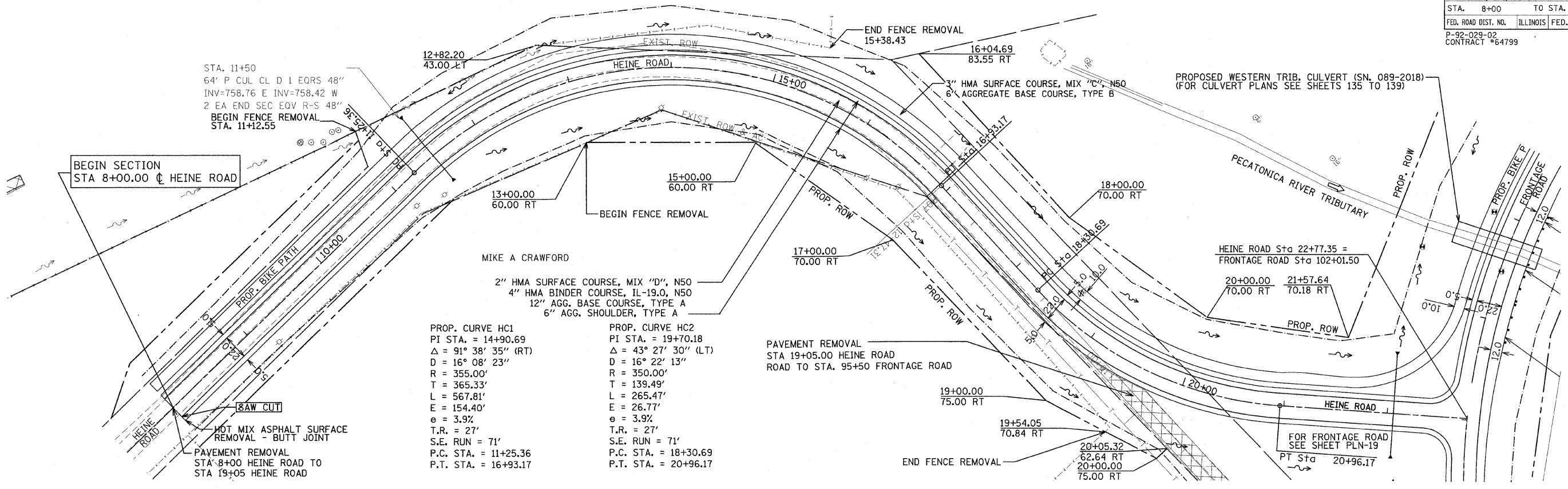
**PLAN AND PROFILE
 WESTBOUND U.S. ROUTE 20**

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DM



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	67
STA.	8+00	TO STA.	22+77.35	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-18 OF 32
CONTRACT #64799				



STA. 11+50
64' P CUL CL D 1 EQRS 48"
INV=758.76 E INV=758.42 W
2 EA END SEC EQV R-S 48"
BEGIN FENCE REMOVAL
STA. 11+12.55

BEGIN SECTION
STA 8+00.00 HEINE ROAD

PROP. CURVE HC1
PI STA. = 14+90.69
Δ = 91° 38' 35" (RT)
D = 16° 08' 23"
R = 355.00'
T = 365.33'
L = 567.81'
E = 154.40'
e = 3.9%
T.R. = 27'
S.E. RUN = 71'
P.C. STA. = 11+25.36
P.T. STA. = 16+93.17

PROP. CURVE HC2
PI STA. = 19+70.18
Δ = 43° 27' 30" (LT)
D = 16° 22' 13"
R = 350.00'
T = 139.49'
L = 265.47'
E = 26.77'
e = 3.9%
T.R. = 27'
S.E. RUN = 71'
P.C. STA. = 18+30.69
P.T. STA. = 20+96.17

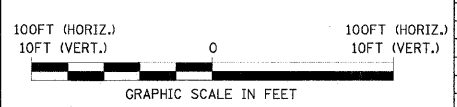
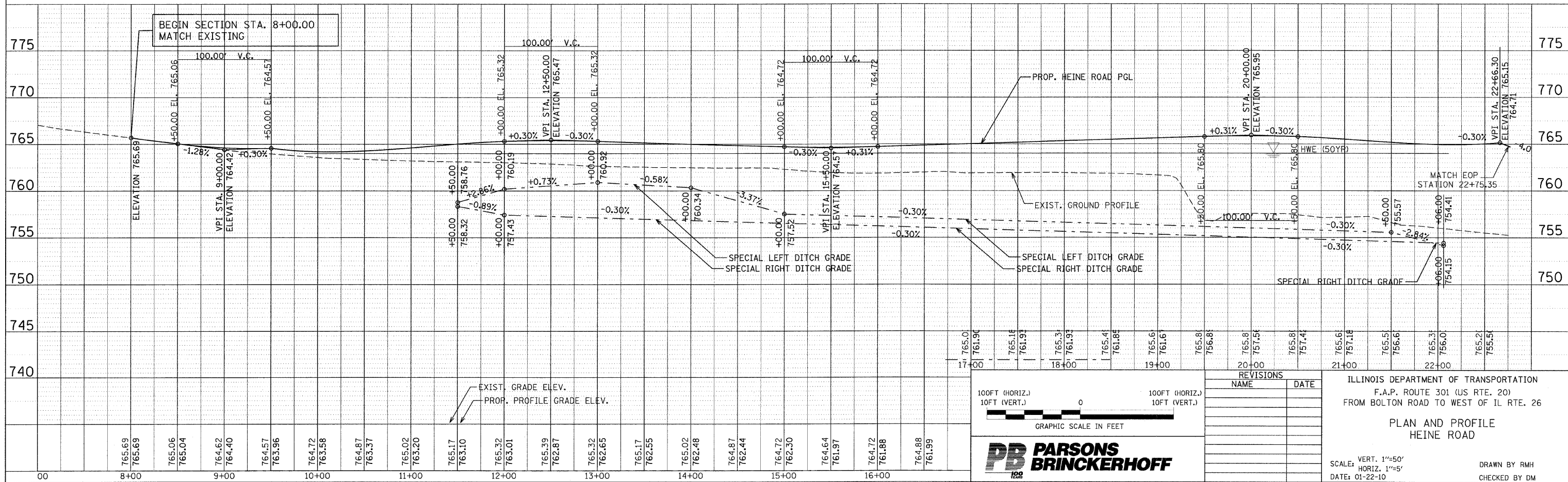
SAW CUT
HOT MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT
PAVEMENT REMOVAL
STA 8+00 HEINE ROAD TO
STA 19+05 HEINE ROAD

PAVEMENT REMOVAL
STA 19+05.00 HEINE ROAD
ROAD TO STA. 95+50 FRONTAGE ROAD

PROPOSED WESTERN TRIB. CULVERT (SN. 089-2018)
(FOR CULVERT PLANS SEE SHEETS 135 TO 139)

HEINE ROAD Sta 22+77.35 =
FRONTAGE ROAD Sta 102+01.50

FOR INTERSECTION DETAILS
SEE SHEET DT-02



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

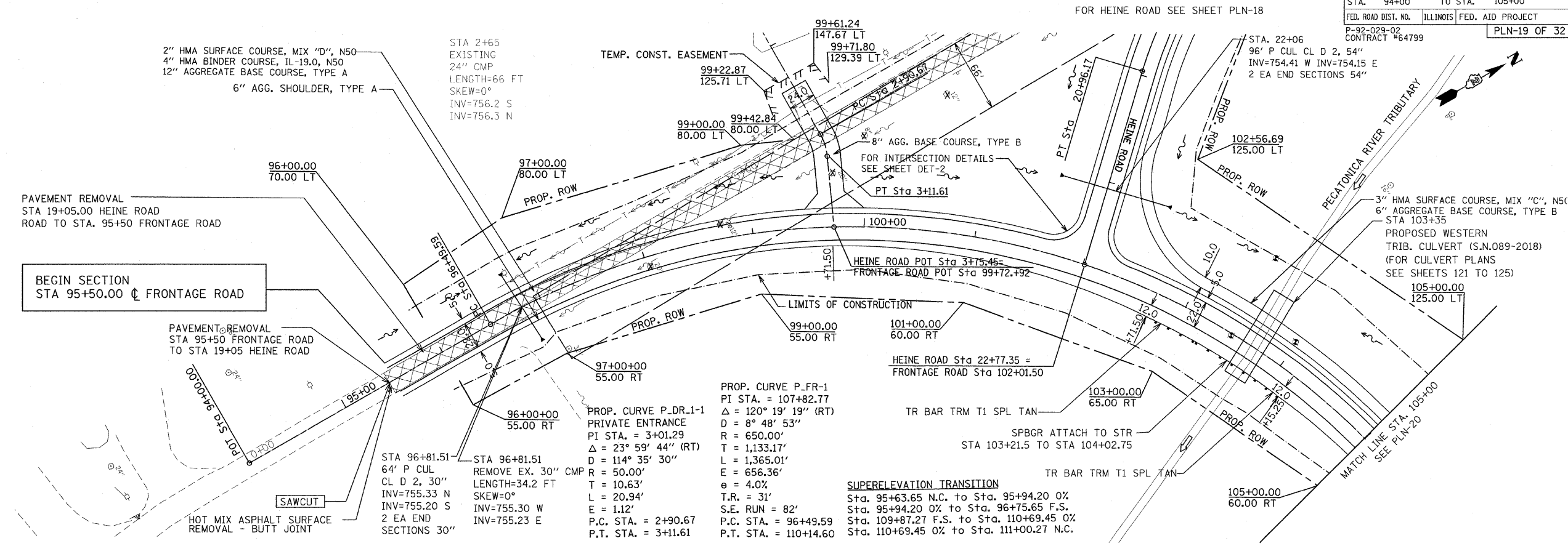
PLAN AND PROFILE
HEINE ROAD

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	68
STA.	94+00	TO STA.	105+00	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02	CONTRACT #64799		PLN-19 OF 32	



BEGIN SECTION
STA 95+50.00 CL FRONTAGE ROAD

PAVEMENT REMOVAL
STA 19+05.00 HEINE ROAD
ROAD TO STA. 95+50 FRONTAGE ROAD

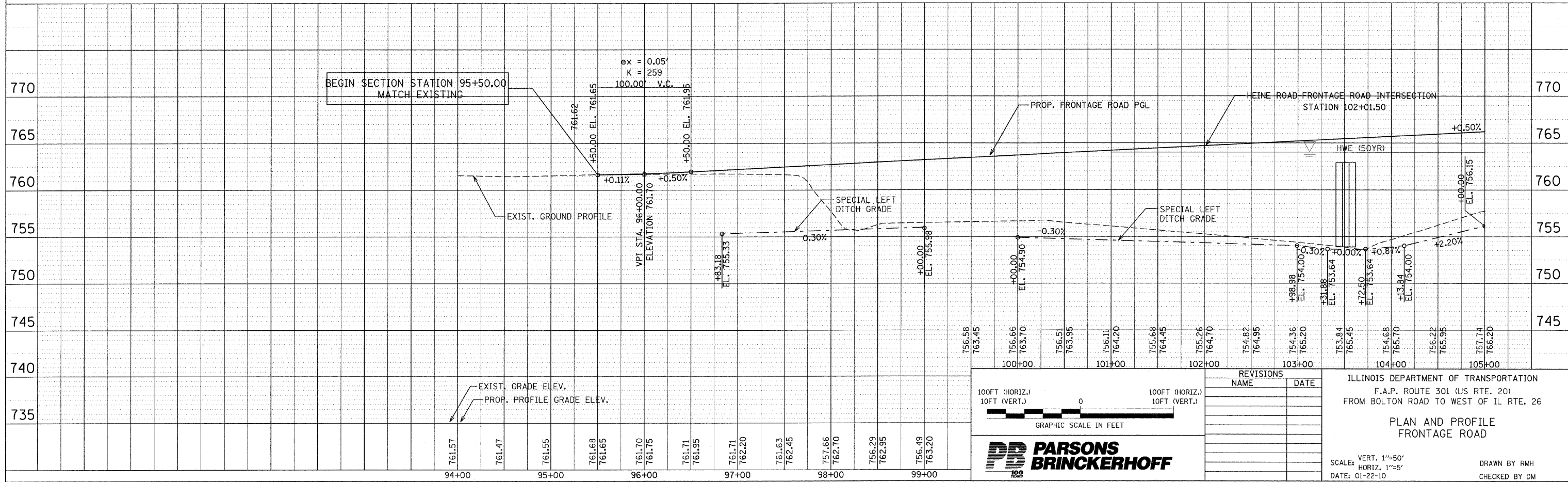
PAVEMENT REMOVAL
STA 95+50 FRONTAGE ROAD
TO STA 19+05 HEINE ROAD

HOT MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT

SAWCUT

PROP. CURVE P_FR-1
PI STA. = 107+82.77
Δ = 120° 19' 19" (RT)
D = 8° 48' 53"
R = 650.00'
T = 1,133.17'
L = 1,365.01'
E = 656.36'
e = 4.0%
T.R. = 31'
S.E. RUN = 82'
P.C. STA. = 96+49.59
P.T. STA. = 110+14.60

SUPERELEVATION TRANSITION
Sta. 95+63.65 N.C. to Sta. 95+94.20 0%
Sta. 95+94.20 0% to Sta. 96+75.65 F.S.
Sta. 109+87.27 F.S. to Sta. 110+69.45 0%
Sta. 110+69.45 0% to Sta. 111+00.27 N.C.



100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

PB PARSONS BRINCKERHOFF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

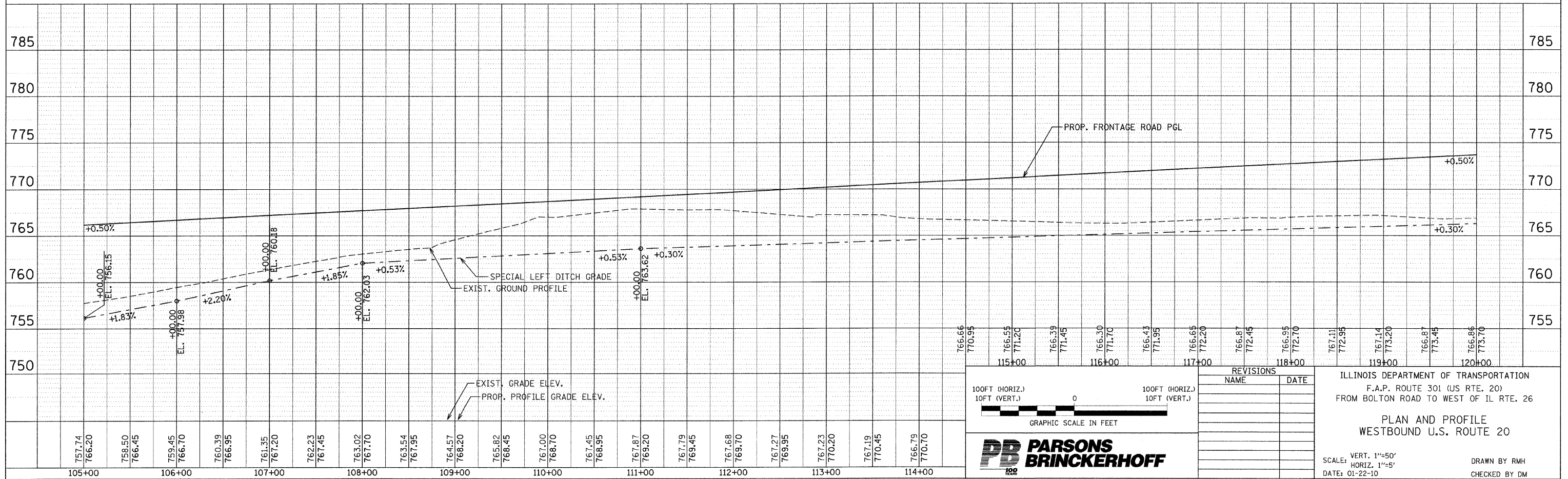
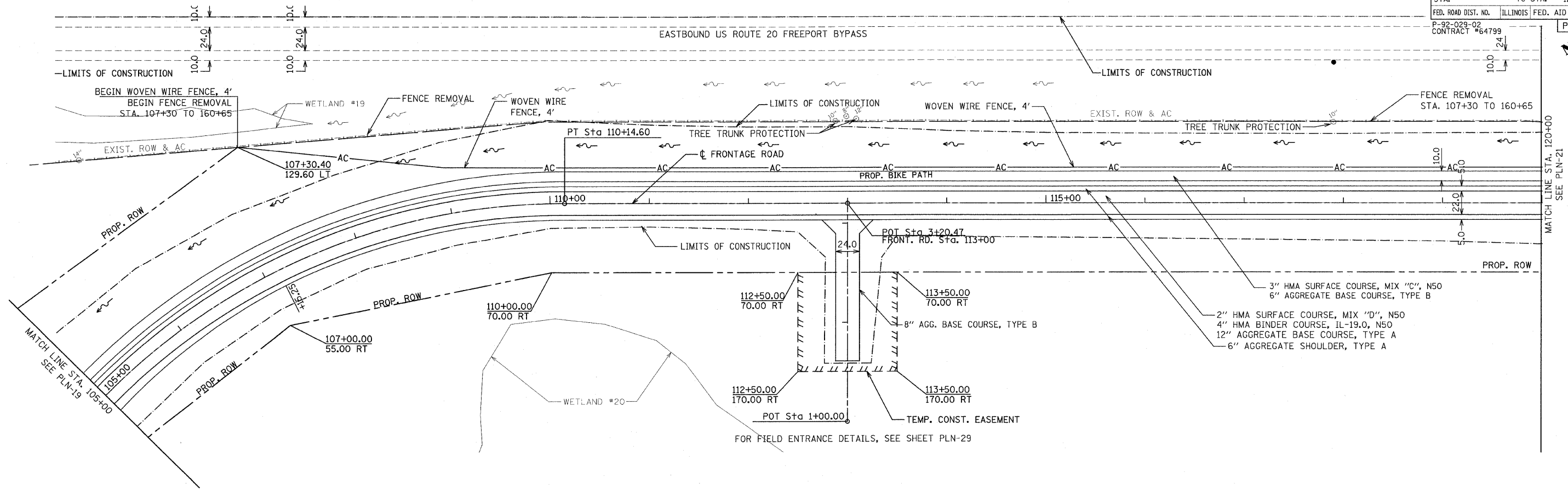
PLAN AND PROFILE
FRONTAGE ROAD

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

SEE PLN-15 FOR US ROUTE 20

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	69
STA.	TO STA.		120+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799			PLN-20 OF 32	



100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

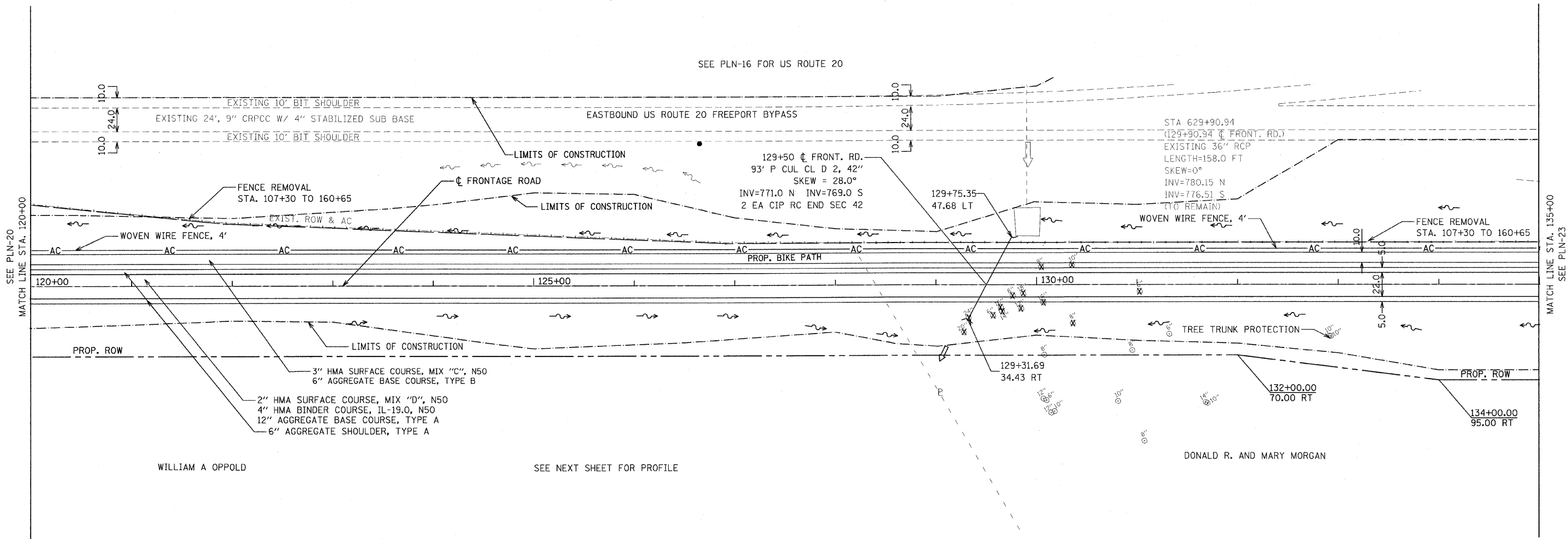
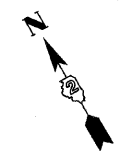
**PLAN AND PROFILE
WESTBOUND U.S. ROUTE 20**

SCALE: VERT. 1"=50'
HORIZ. 1"=50'

DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	70
STA.	120+00	TO STA.	135+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-21 OF 32
CONTRACT #64799				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

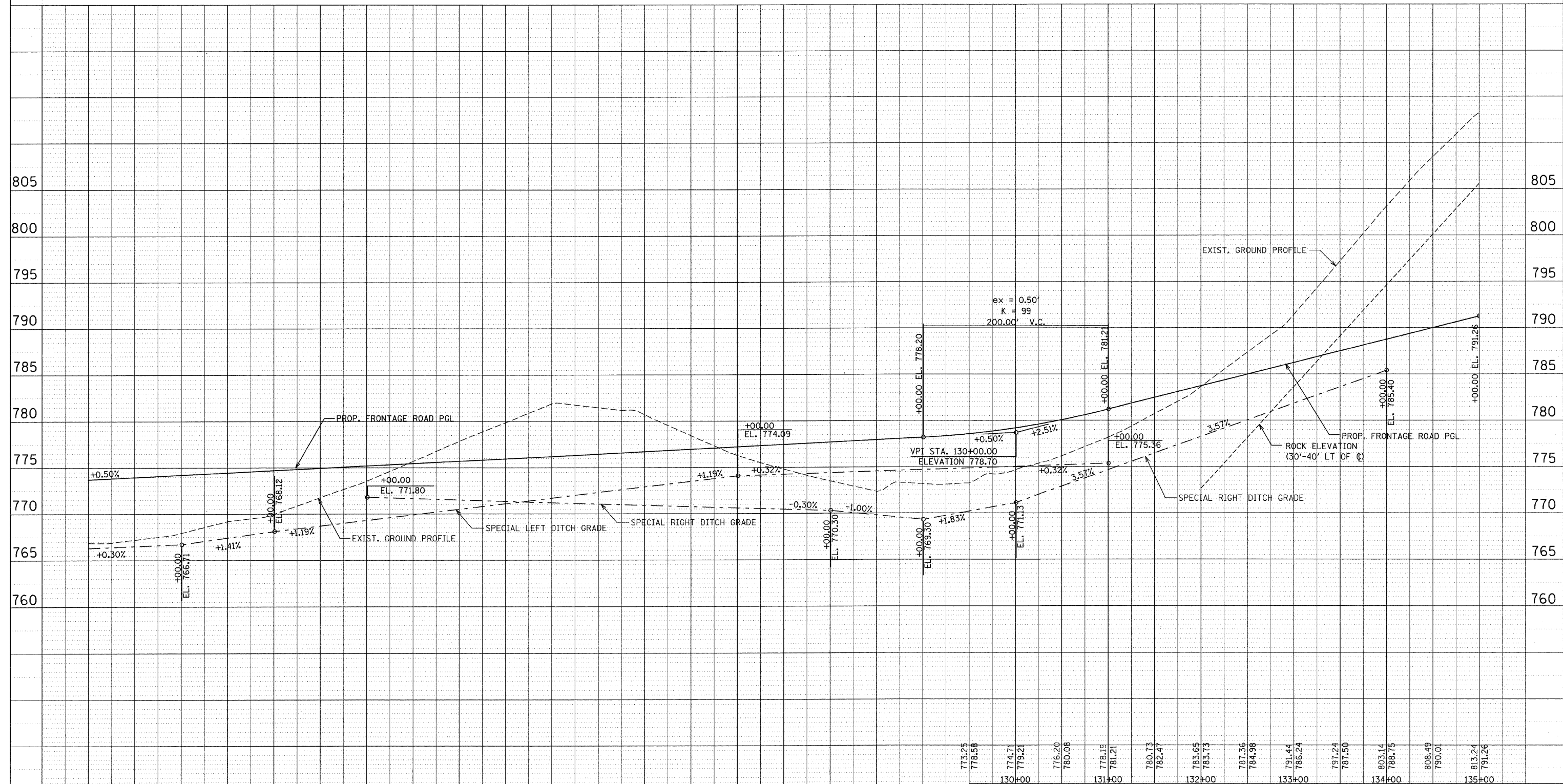
PLAN AND PROFILE
 FRONTAGE ROAD

SCALE:
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DM



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	71
STA.	120+00	TO STA.	135+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-22 OF 32
CONTRACT #64799				



766.86	767.20	767.94	769.22	770.01	771.78	773.57	775.71	777.87	779.89	781.89	780.67	778.40	776.28	774.79	773.49	772.32	773.16	776.20
773.70	773.95	774.20	774.45	774.70	774.95	775.20	775.45	775.70	775.95	776.20	776.45	776.70	776.95	777.20	777.45	777.70	777.95	778.20
120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00									

100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

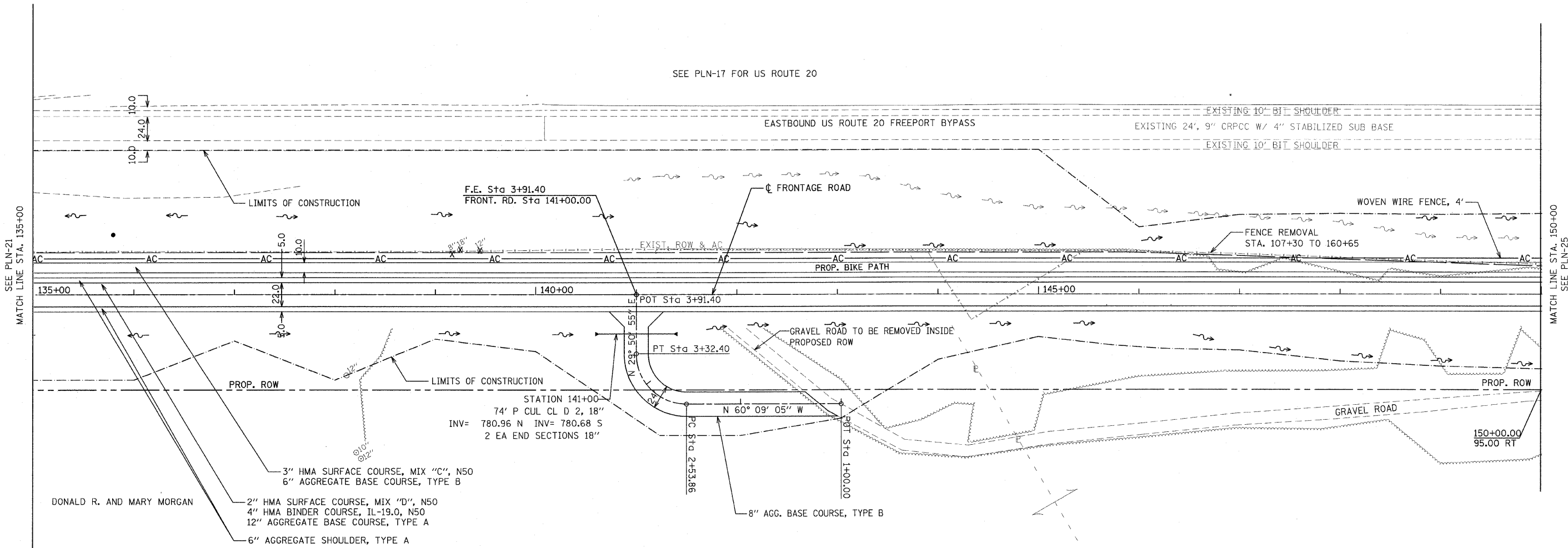
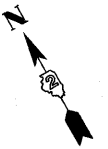
PROFILE
FRONTAGE ROAD

SCALE: VERT. 1"=50'
HORIZ. 1"=50'

DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	72
STA.	135+00	TO STA.	150+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-23 OF 32
CONTRACT #64799				



SEE PLN-17 FOR US ROUTE 20

SEE PLN-21
MATCH LINE STA. 135+00

MATCH LINE STA. 150+00
SEE PLN-25

FOR FIELD ENTRANCE DETAILS SEE SHEET PLN-29
FOR FIELD ENTRANCE TYPICAL SECTION SEE TYP-07

SEE NEXT SHEET FOR PROFILE

3" HMA SURFACE COURSE, MIX "C", N50
6" AGGREGATE BASE COURSE, TYPE B

2" HMA SURFACE COURSE, MIX "D", N50
4" HMA BINDER COURSE, IL-19.0, N50
12" AGGREGATE BASE COURSE, TYPE A

6" AGGREGATE SHOULDER, TYPE A

STATION 141+00-
74' P CUL CL D 2, 18"
INV= 780.96 N INV= 780.68 S
2 EA END SECTIONS 18"



REVISIONS	
NAME	DATE

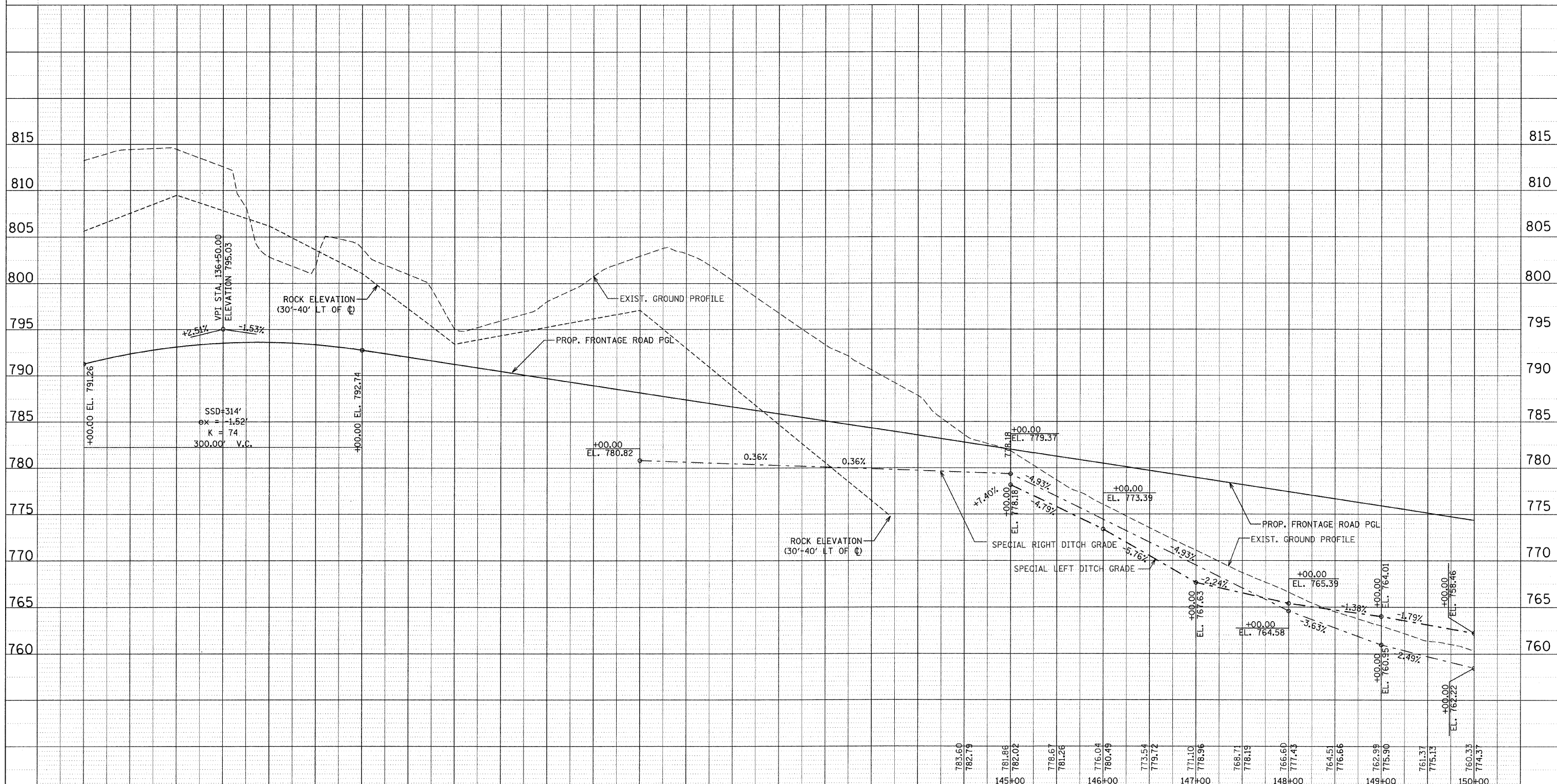
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN
FRONTAGE ROAD

SCALE: 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	73
STA.	135+00	TO STA.	150+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-24 OF 32
CONTRACT #64799				



813.24	814.44	814.45	812.56	802.85	801.90	803.77	800.94	795.02	795.93	798.06	800.74	802.96	803.22	800.28	796.75	793.31	790.56	787.82
791.26	792.35	793.10	793.52	793.59	793.33	792.74	791.97	791.21	790.44	789.67	788.91	788.14	787.38	786.61	785.85	785.08	784.32	783.55
135+00	136+00	137+00	138+00	139+00	140+00	141+00	142+00	143+00	144+00									

100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

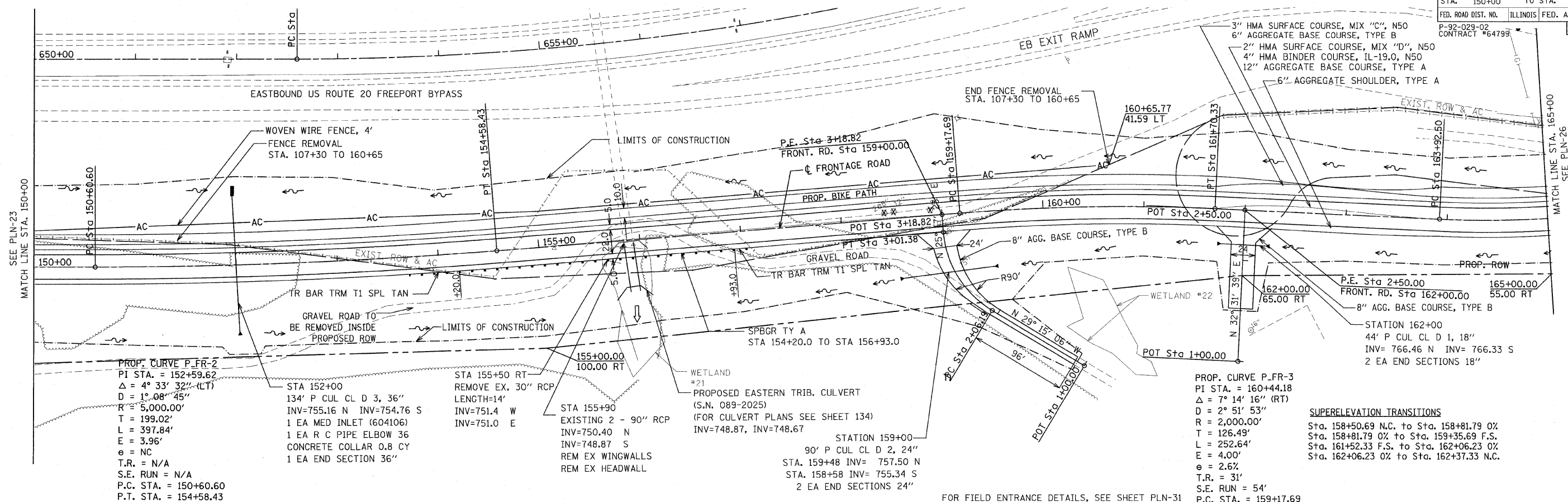
PROFILE
FRONTAGE ROAD

SCALE: VERT. 1"=50'
HORIZ. 1"=50'

DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	74
STA.	150+00	TO STA.	165+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799				PLN-25 OF 32



PROP. CURVE P_FR-2
 PI STA. = 152+59.62
 $\Delta = 4^\circ 33' 32''$ (LT)
 $D = 1^\circ 08' 45''$
 $R = 5,000.00'$
 $T = 199.02'$
 $L = 397.84'$
 $E = 3.96'$
 $e = NC$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 150+60.60$
 $P.T. STA. = 154+58.43$

STA 152+00
 134' P CUL CL D 3, 36"
 INV=755.16 N INV=754.76 S
 1 EA MED INLET (604106)
 1 EA R C PIPE ELBOW 36
 CONCRETE COLLAR 0.8 CY
 1 EA END SECTION 36"

STA 155+50 RT
 REMOVE EX. 30" RCP
 LENGTH=14'
 INV=751.4 W
 INV=751.0 E

STA 155+90
 EXISTING 2 - 90" RCP
 INV=750.40 N
 INV=748.87 S
 REM EX WINGWALLS
 REM EX HEADWALL

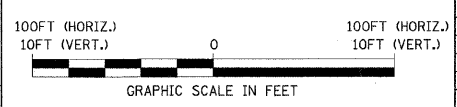
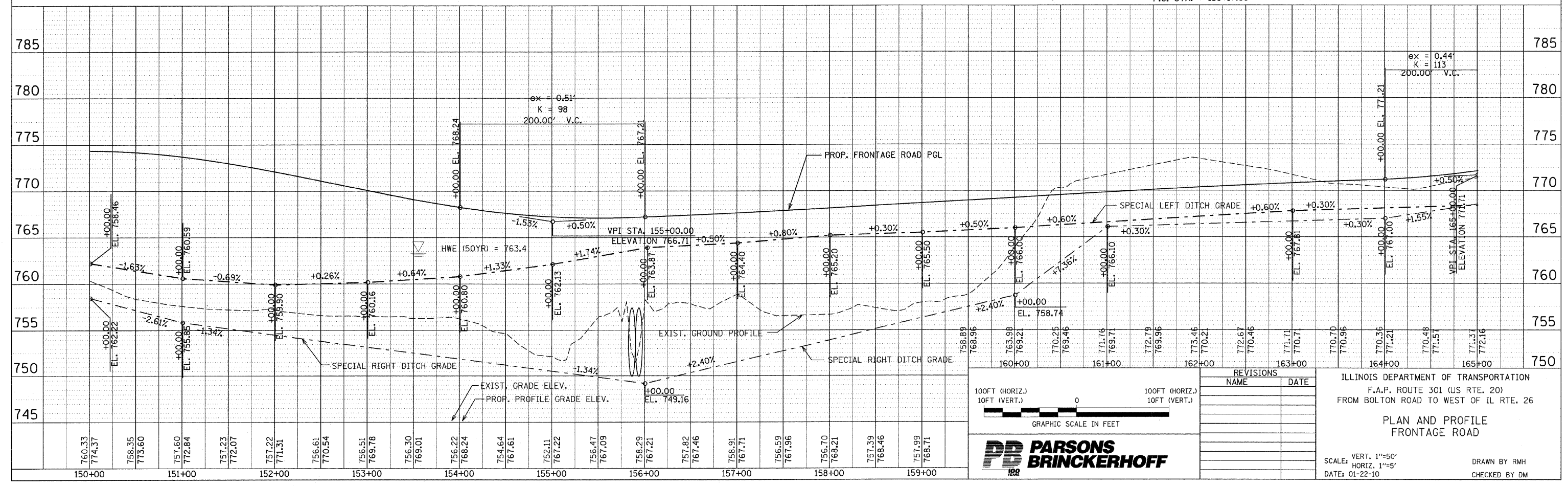
WETLAND #21
 PROPOSED EASTERN TRIB. CULVERT
 (S.N. 089-2025)
 (FOR CULVERT PLANS SEE SHEET 134)
 INV=748.87, INV=748.67

STATION 159+00
 90' P CUL CL D 2, 24"
 STA. 159+48 INV= 757.50 N
 STA. 158+58 INV= 755.34 S
 2 EA END SECTIONS 24"

PROP. CURVE P_FR-3
 PI STA. = 160+44.18
 $\Delta = 7^\circ 14' 16''$ (RT)
 $D = 2^\circ 51' 53''$
 $R = 2,000.00'$
 $T = 126.49'$
 $L = 252.64'$
 $E = 4.00'$
 $e = 2.6\%$
 $T.R. = 31'$
 $S.E. RUN = 54'$
 $P.C. STA. = 159+17.69$

SUPERELEVATION TRANSITIONS
 Sta. 158+50.69 N.C. to Sta. 158+81.79 0%
 Sta. 158+81.79 0% to Sta. 159+35.69 F.S.
 Sta. 161+52.33 F.S. to Sta. 162+06.23 0%
 Sta. 162+06.23 0% to Sta. 162+37.33 N.C.

FOR FIELD ENTRANCE DETAILS, SEE SHEET PLN-31



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

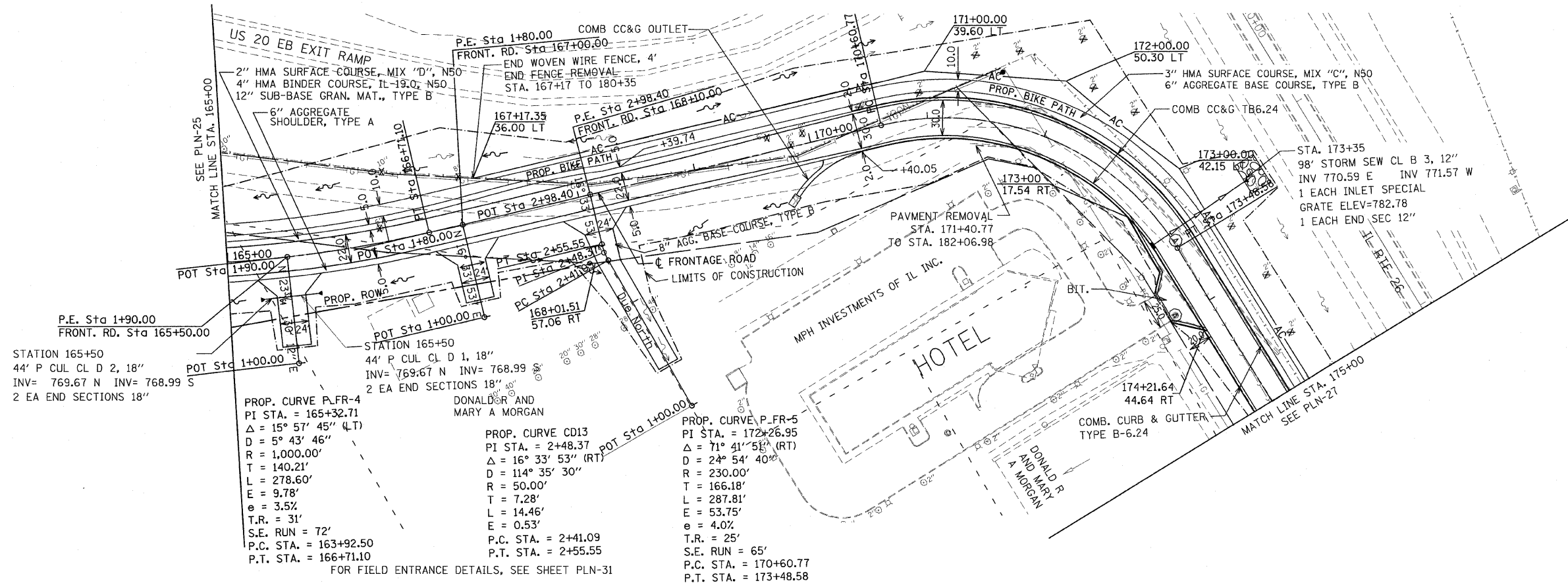
**PLAN AND PROFILE
 FRONTAGE ROAD**

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DM



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	75
STA.	165+00	TO STA.	175+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-26 OF 31
CONTRACT #64799				



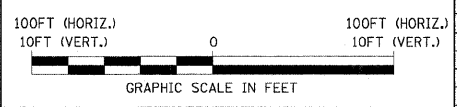
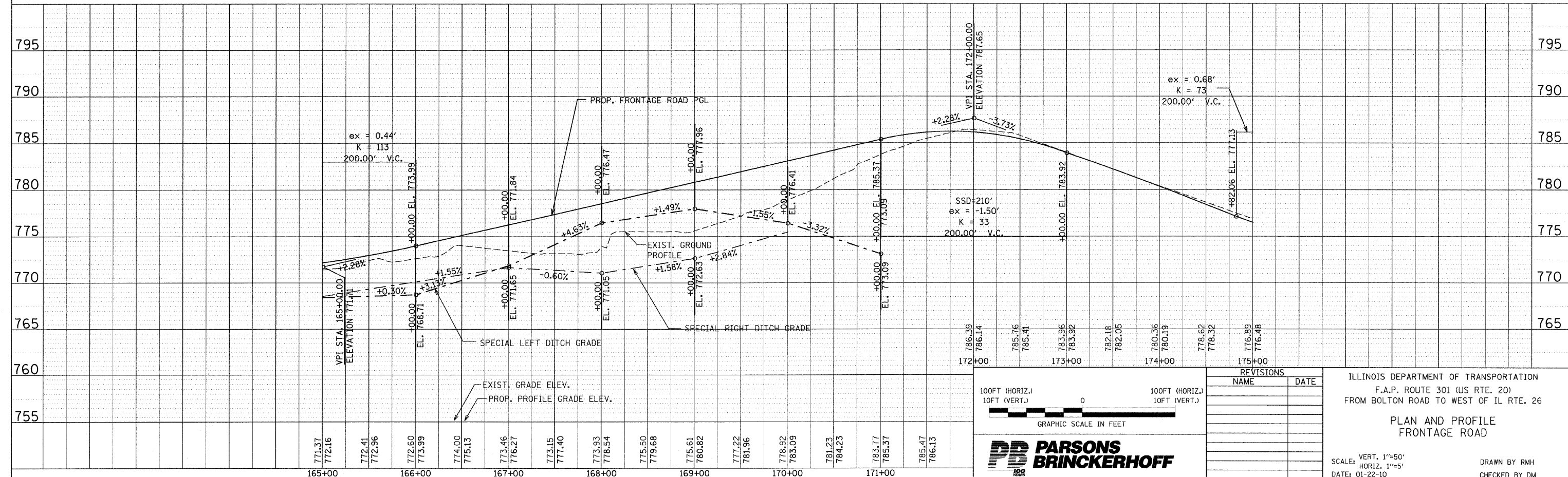
STATION 165+50
44' P CUL CL D 2, 18"
INV= 769.67 N INV= 768.99 S
2 EA END SECTIONS 18"

PROP. CURVE P-FR-4
PI STA. = 165+32.71
Δ = 15° 57' 45" (LT)
D = 5° 43' 46"
R = 1,000.00'
T = 140.21'
L = 278.60'
E = 9.78'
e = 3.5%
T.R. = 31'
S.E. RUN = 72'
P.C. STA. = 163+92.50
P.T. STA. = 166+71.10

PROP. CURVE CD13
PI STA. = 2+48.37
Δ = 16° 33' 53" (RT)
D = 114° 35' 30"
R = 50.00'
T = 7.28'
L = 14.46'
E = 0.53'

PROP. CURVE P-FR-5
PI STA. = 172+26.95
Δ = 71° 41' 58" (RT)
D = 24° 54' 40"
R = 230.00'
T = 166.18'
L = 287.81'
E = 53.75'
e = 4.0%
T.R. = 25'
S.E. RUN = 65'
P.C. STA. = 170+60.77
P.T. STA. = 173+48.58

FOR FIELD ENTRANCE DETAILS, SEE SHEET PLN-31



PB PARSONS BRINCKERHOFF

REVISIONS	
NAME	DATE

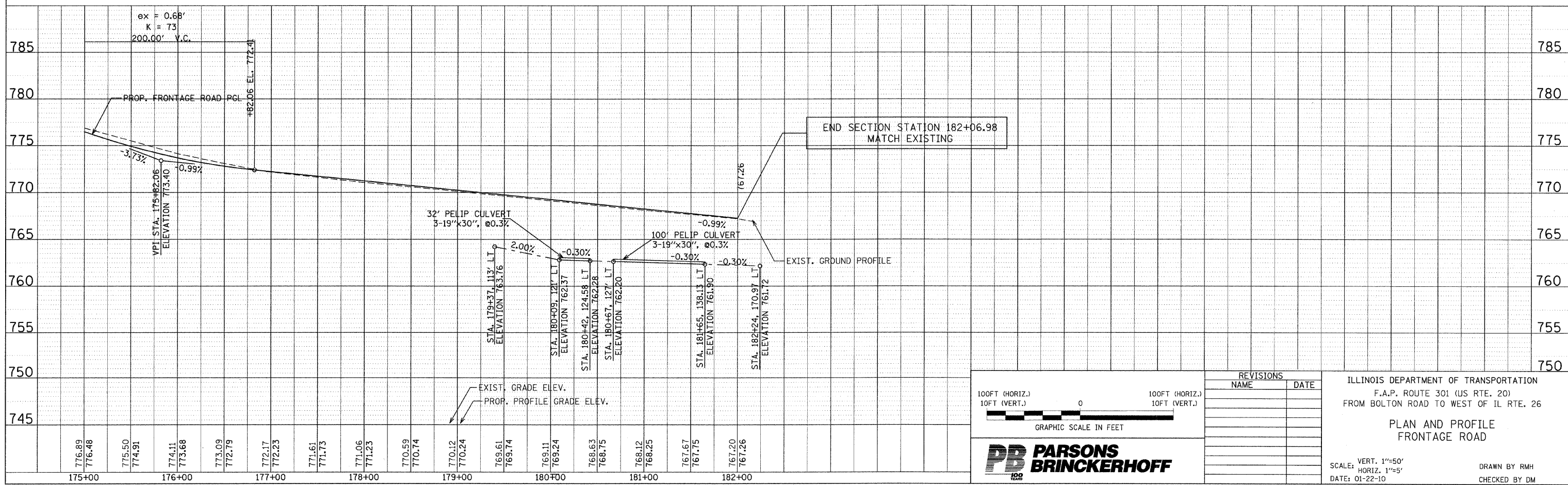
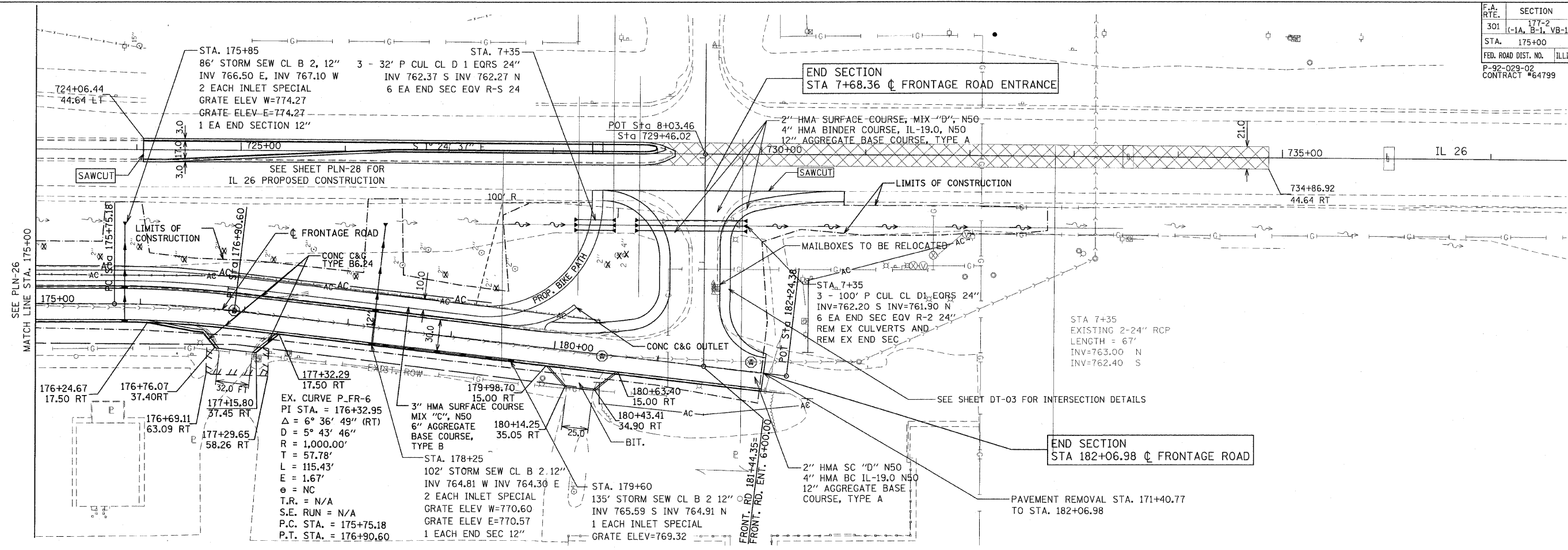
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

**PLAN AND PROFILE
FRONTAGE ROAD**

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	76
STA.	175+00	TO STA.	182+06.98	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		CONTRACT #64799		PLN-27 OF 32



100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

PB PARSONS BRINCKERHOFF

REVISIONS	
NAME	DATE

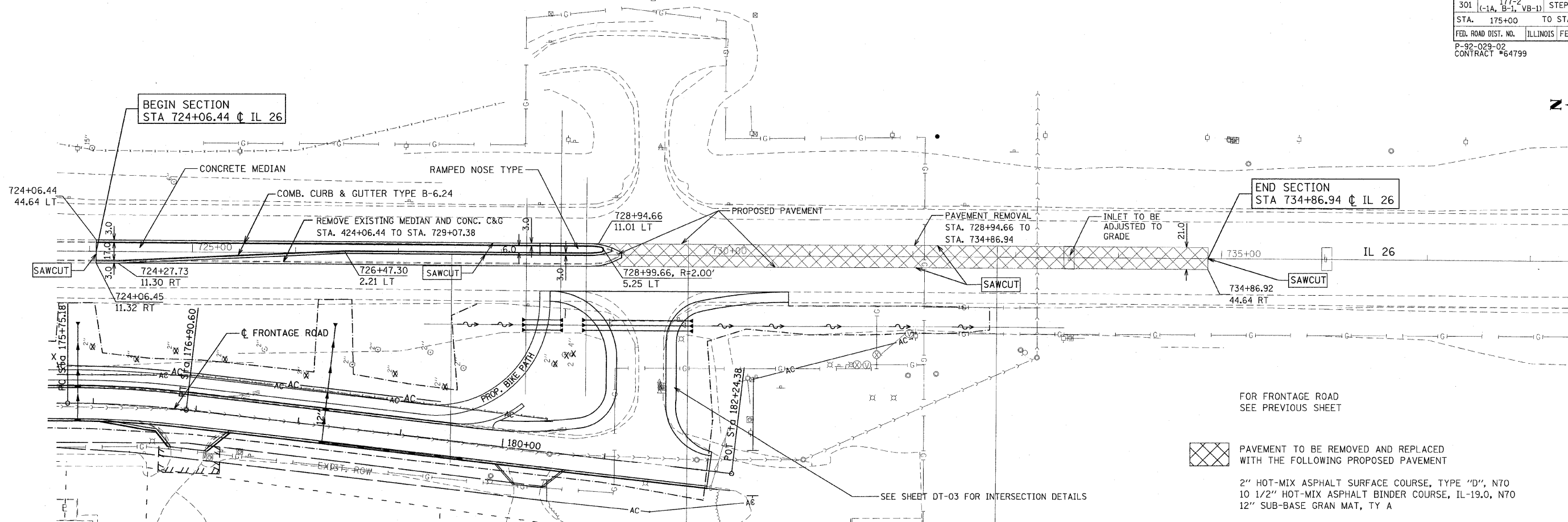
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN AND PROFILE
 FRONTAGE ROAD

VERT. 1"=50'
 HORIZ. 1"=50'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY DM

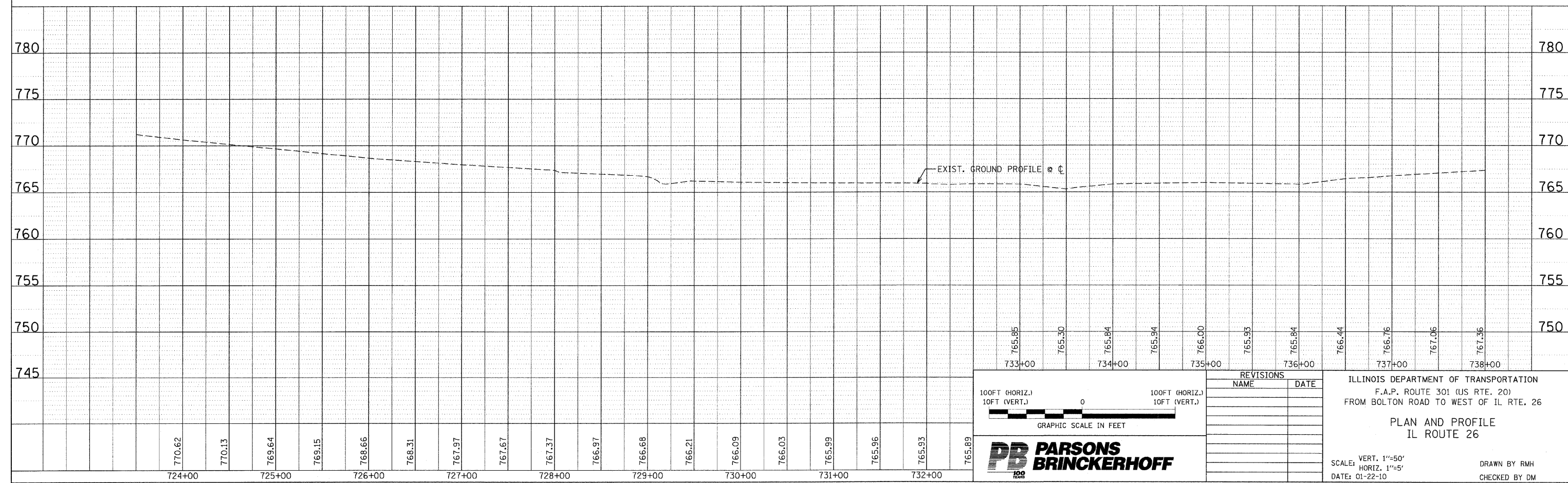
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	77
STA.	175+00	TO STA.	182+06.98	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				PLN-28 OF 32
CONTRACT #64799				



FOR FRONTAGE ROAD
SEE PREVIOUS SHEET

PAVEMENT TO BE REMOVED AND REPLACED
WITH THE FOLLOWING PROPOSED PAVEMENT

2" HOT-MIX ASPHALT SURFACE COURSE, TYPE "D", N70
10 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
12" SUB-BASE GRAN MAT, TY A



100FT (HORIZ.)
10FT (VERT.)

0

100FT (HORIZ.)
10FT (VERT.)

GRAPHIC SCALE IN FEET

PARSONS BRINCKERHOFF

REVISIONS	
NAME	DATE

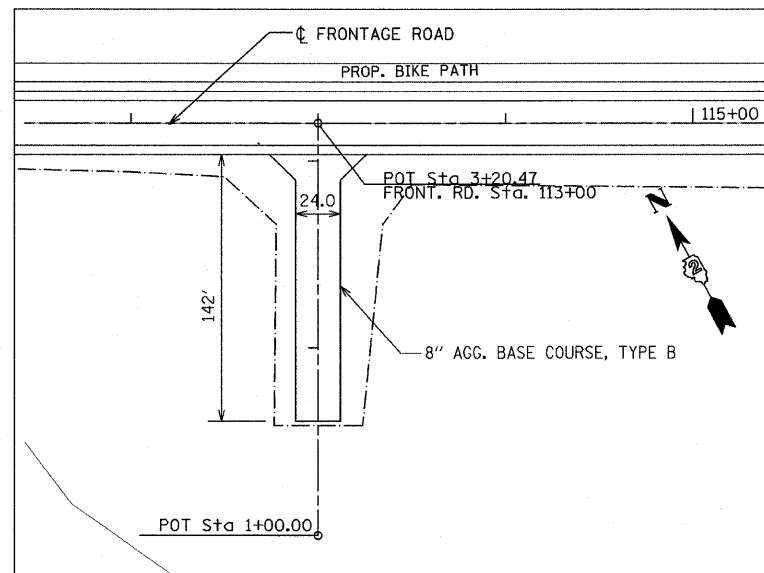
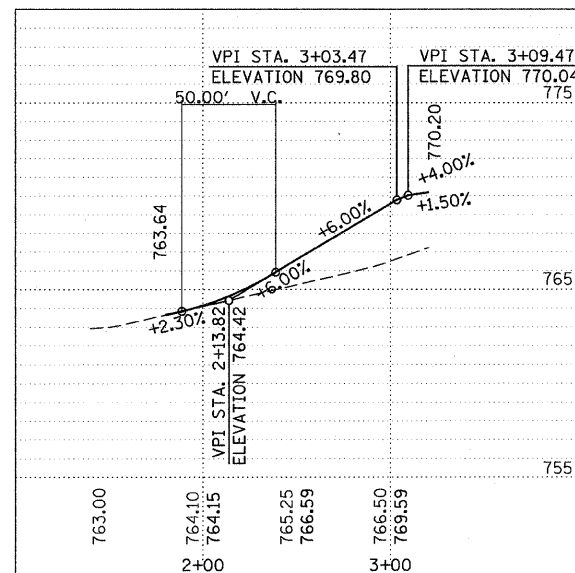
ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN AND PROFILE
IL ROUTE 26

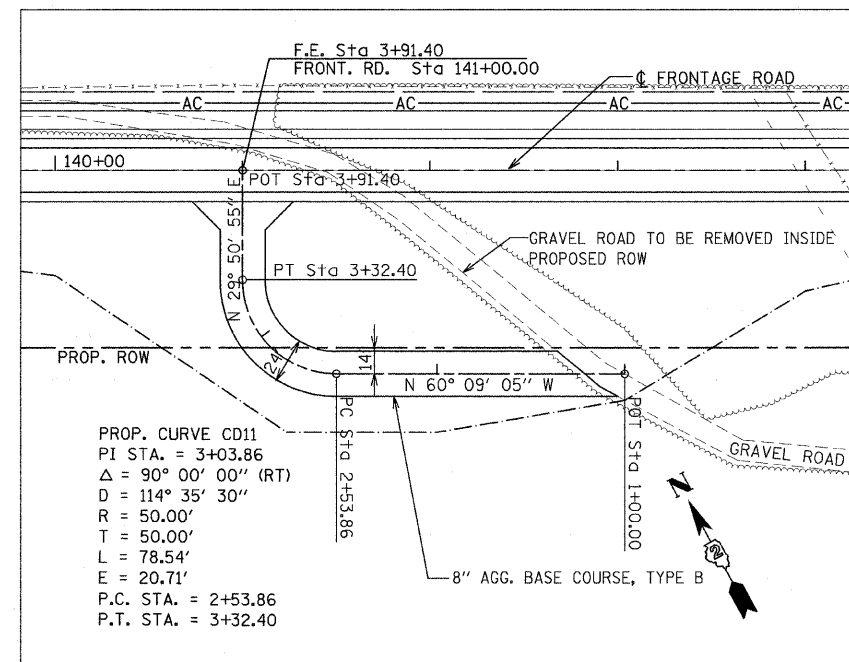
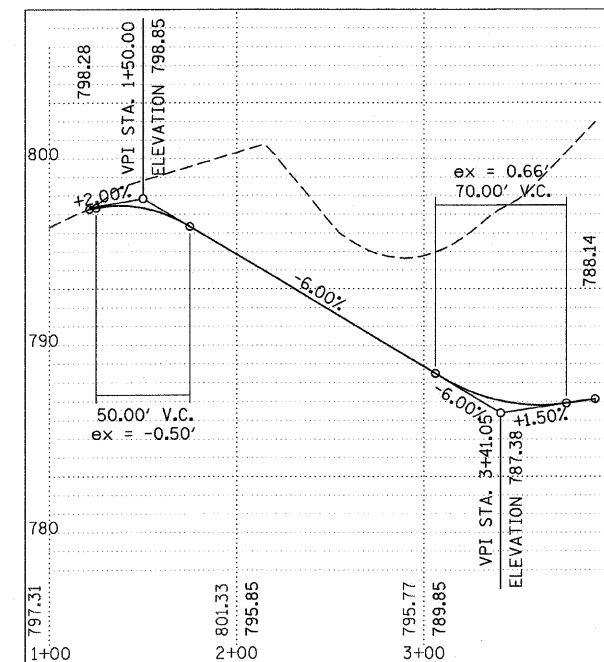
SCALE: VERT. 1"=50'
HORIZ. 1"=50'

DATE: 01-22-10

DRAWN BY RMH
CHECKED BY DM

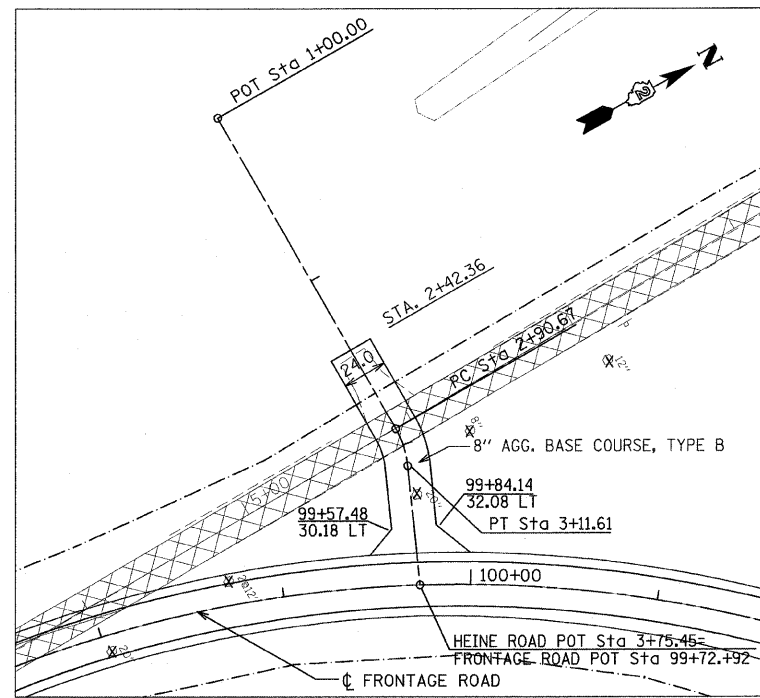
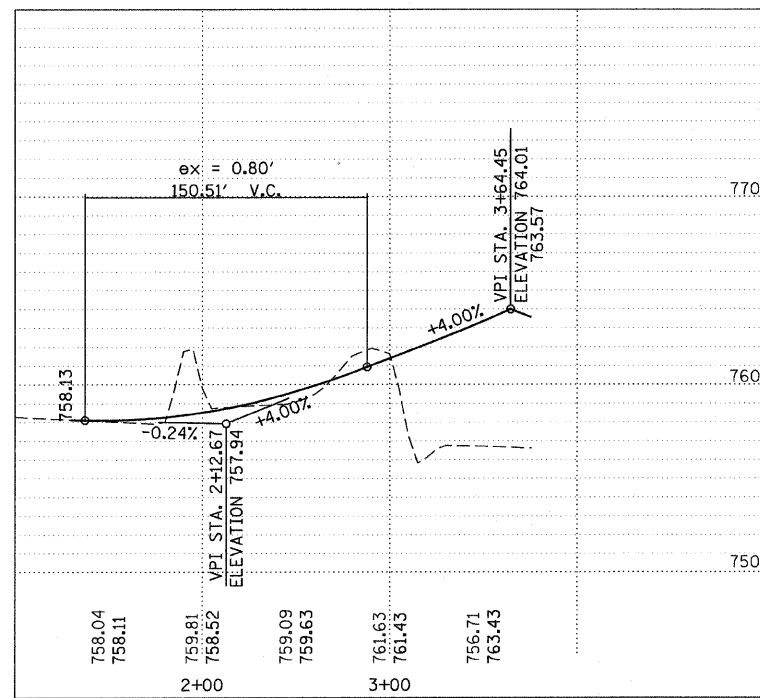


FIELD ENTRANCE FRONTAGE ROAD STA. 111+00.00

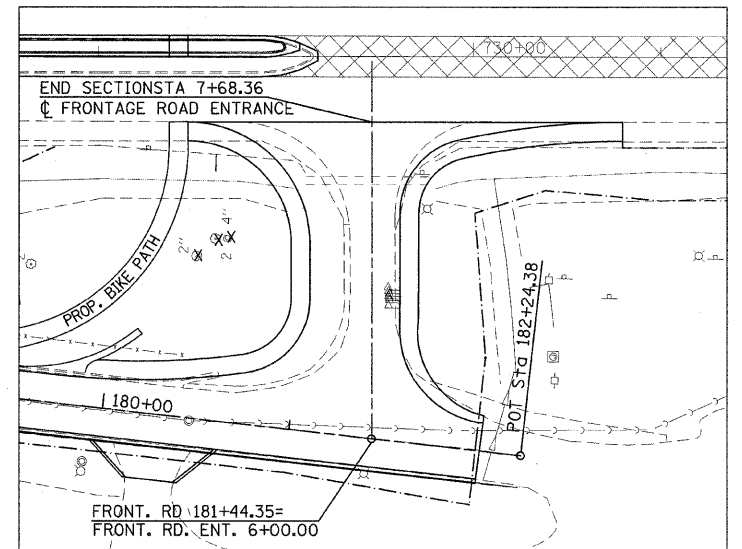
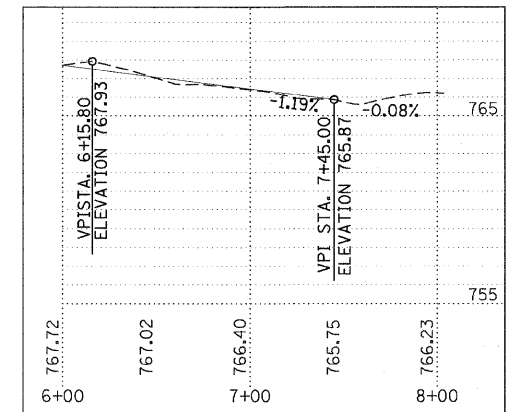


FIELD ENTRANCE FRONTAGE ROAD STA. 141+00.00

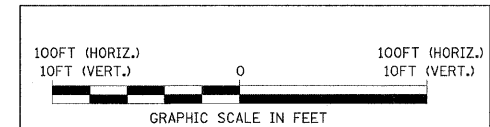
NOTE: FOR DRIVEWAY AND FIELD ENTRANCE SCHEDULES SEE SCHED-04



PRIVATE ENTRANCE FRONTAGE ROAD STA. 99+73.70



FRONTAGE ROAD ENTRANCE (@ IL 26)



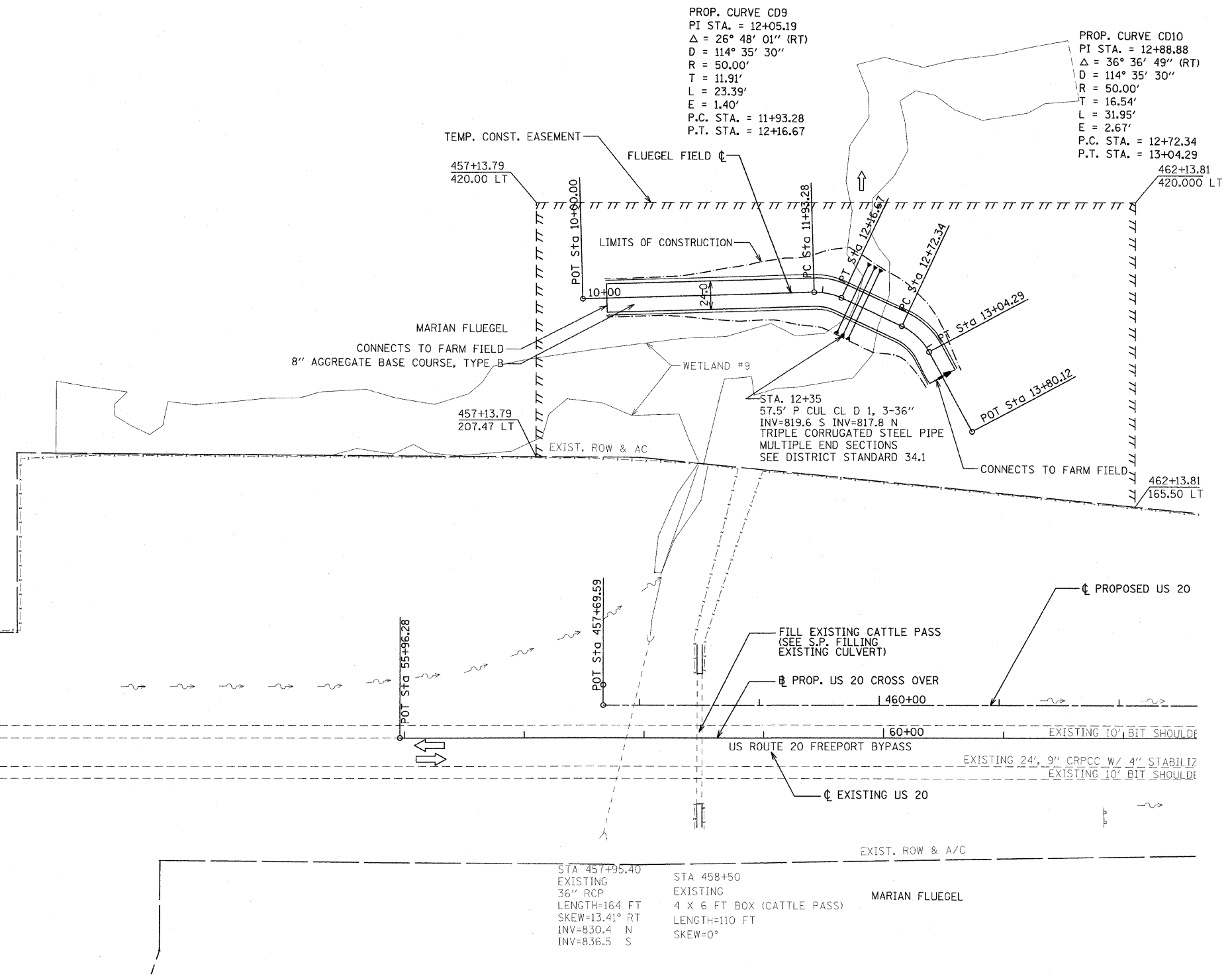
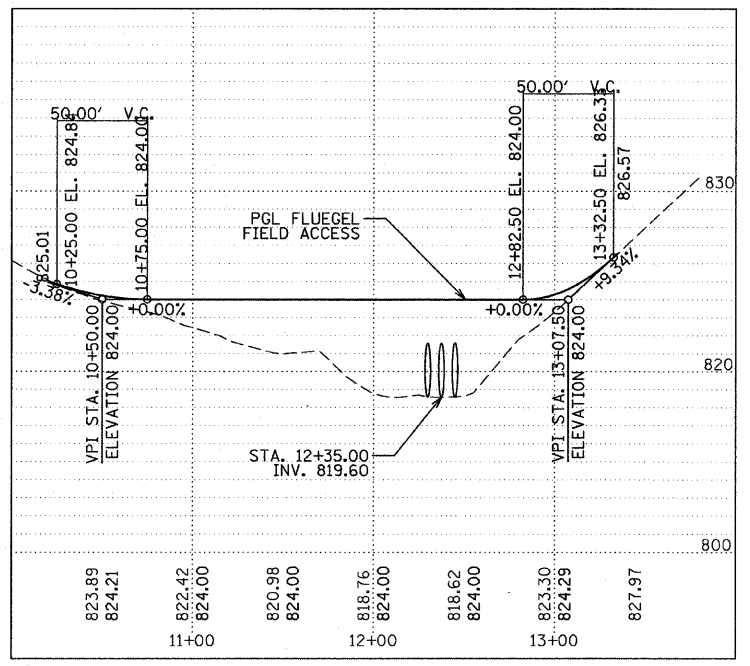
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN AND PROFILE
 FIELD AND PRIVATE ENTRANCES

SCALE: VERT. 1"=50'
 HORIZ. 1"=50'

DATE: _____ DRAWN BY RMH
 CHECKED BY AC



PROP. CURVE CD9
 PI STA. = 12+05.19
 $\Delta = 26^\circ 48' 01''$ (RT)
 D = 114° 35' 30"
 R = 50.00'
 T = 11.91'
 L = 23.39'
 E = 1.40'
 P.C. STA. = 11+93.28
 P.T. STA. = 12+16.67

PROP. CURVE CD10
 PI STA. = 12+88.88
 $\Delta = 36^\circ 36' 49''$ (RT)
 D = 114° 35' 30"
 R = 50.00'
 T = 16.54'
 L = 31.95'
 E = 2.67'
 P.C. STA. = 12+72.34
 P.T. STA. = 13+04.29

MARIAN FLUEGEL
 CONNECTS TO FARM FIELD
 8" AGGREGATE BASE COURSE, TYPE B

WETLAND #9

STA. 12+35
 57.5' P CUL CL D 1, 3-36"
 INV=819.6 S INV=817.8 N
 TRIPLE CORRUGATED STEEL PIPE
 MULTIPLE END SECTIONS
 SEE DISTRICT STANDARD 34.1

CONNECTS TO FARM FIELD

STA 457+95.40
 EXISTING
 36" RCP
 LENGTH=164 FT
 SKEW=13.41° RT
 INV=830.4 N
 INV=836.5 S

STA 458+50
 EXISTING
 4 X 6 FT BOX (CATTLE PASS)
 LENGTH=110 FT
 SKEW=0°

MARIAN FLUEGEL

REVISIONS	
NAME	DATE

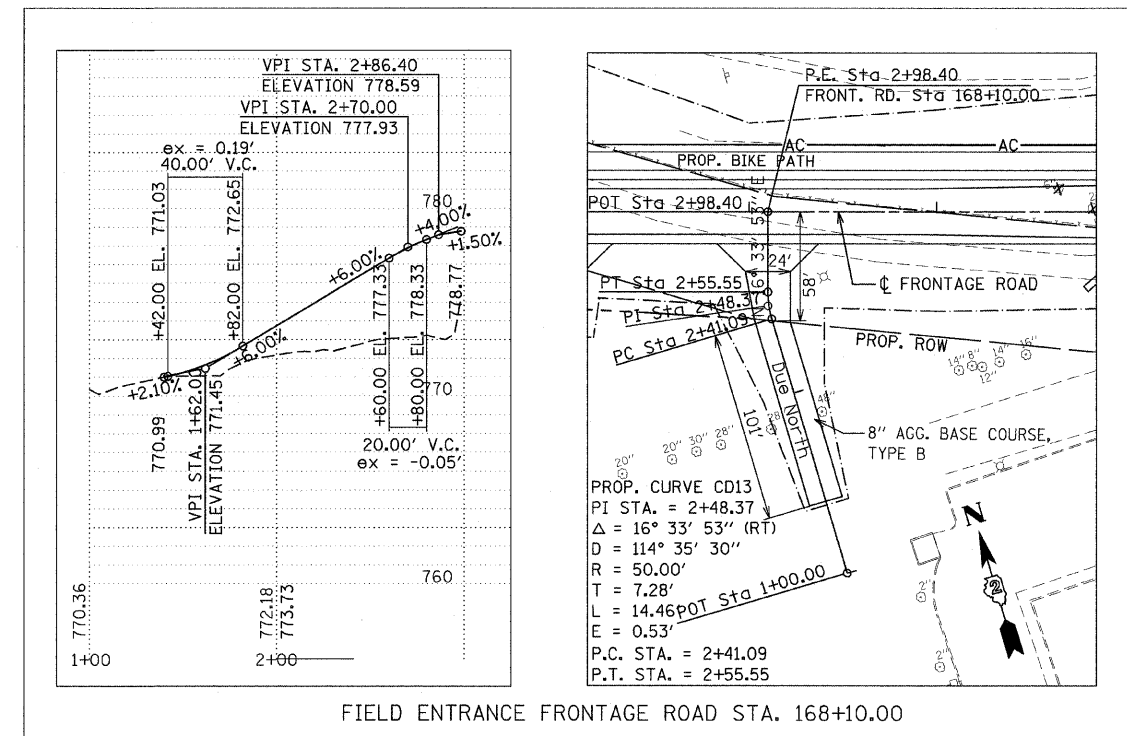
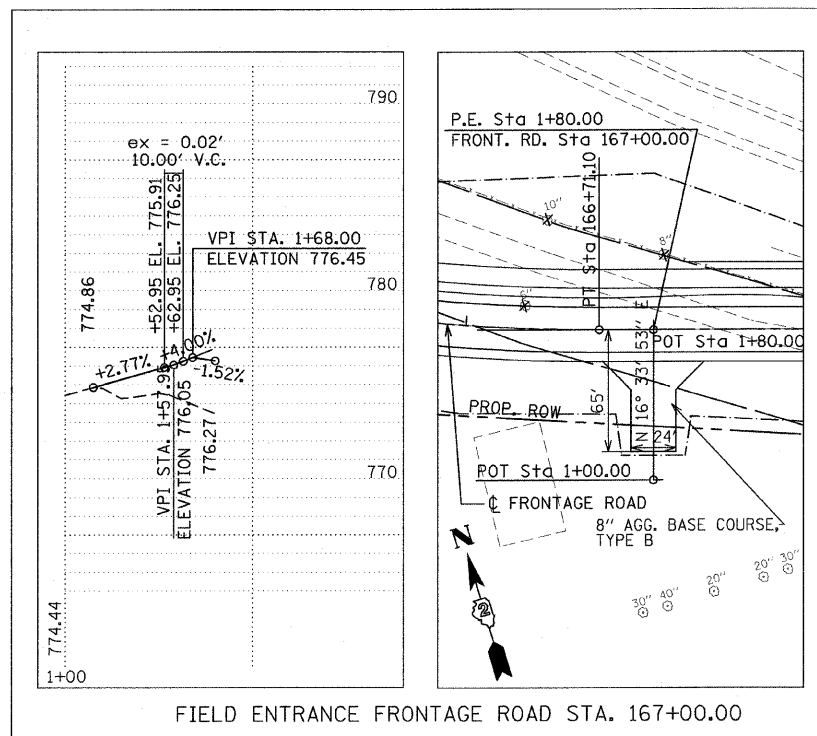
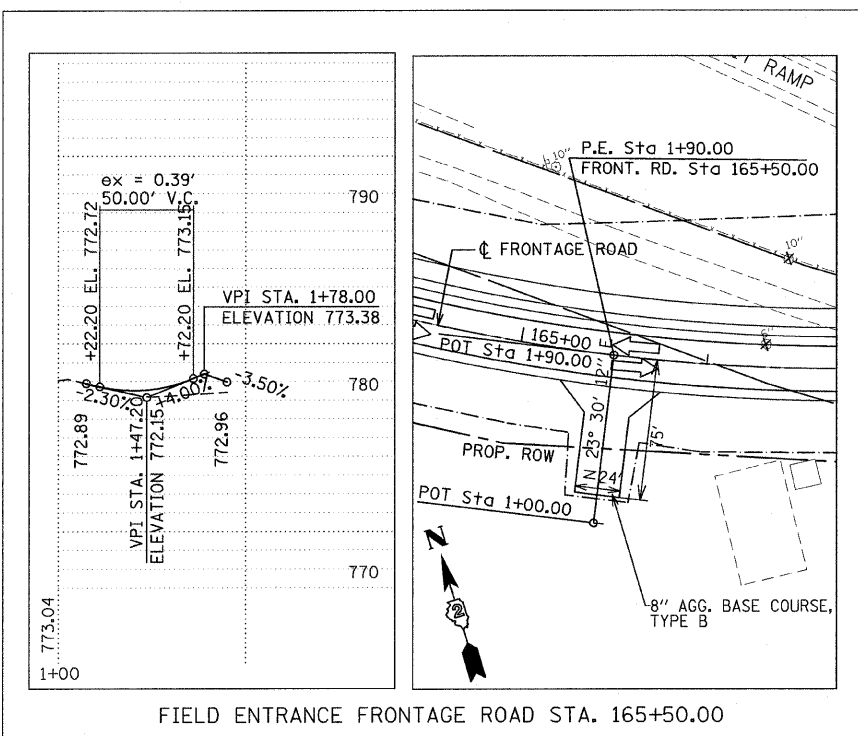
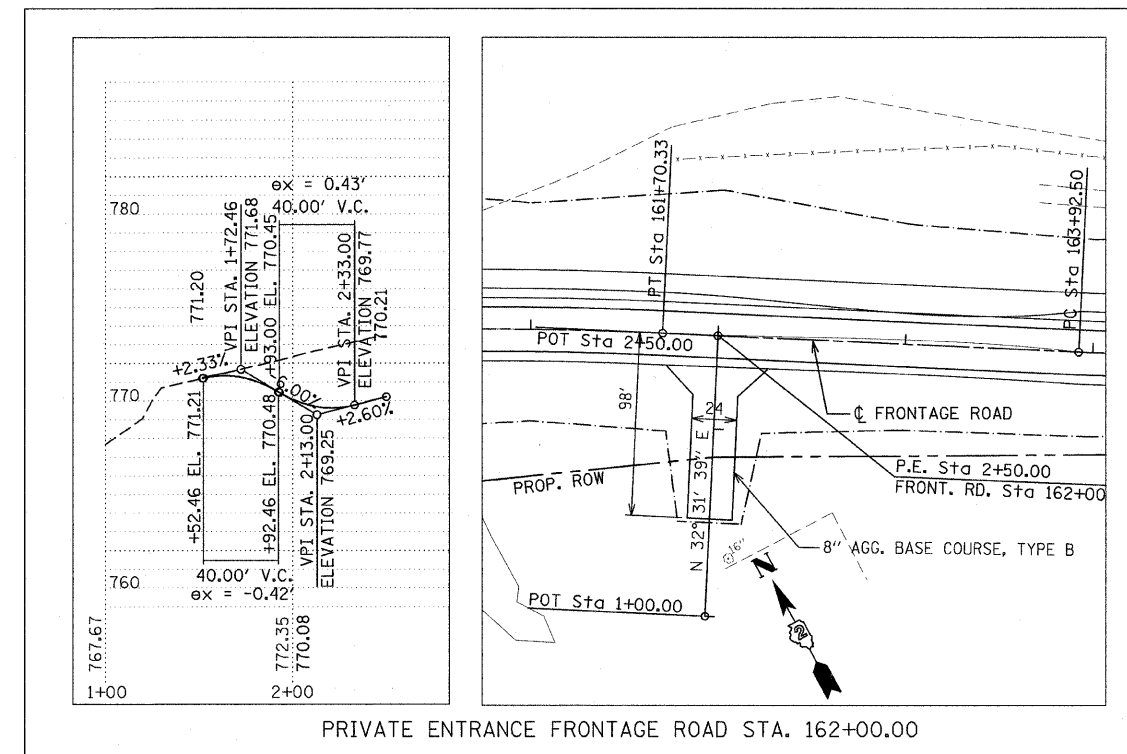
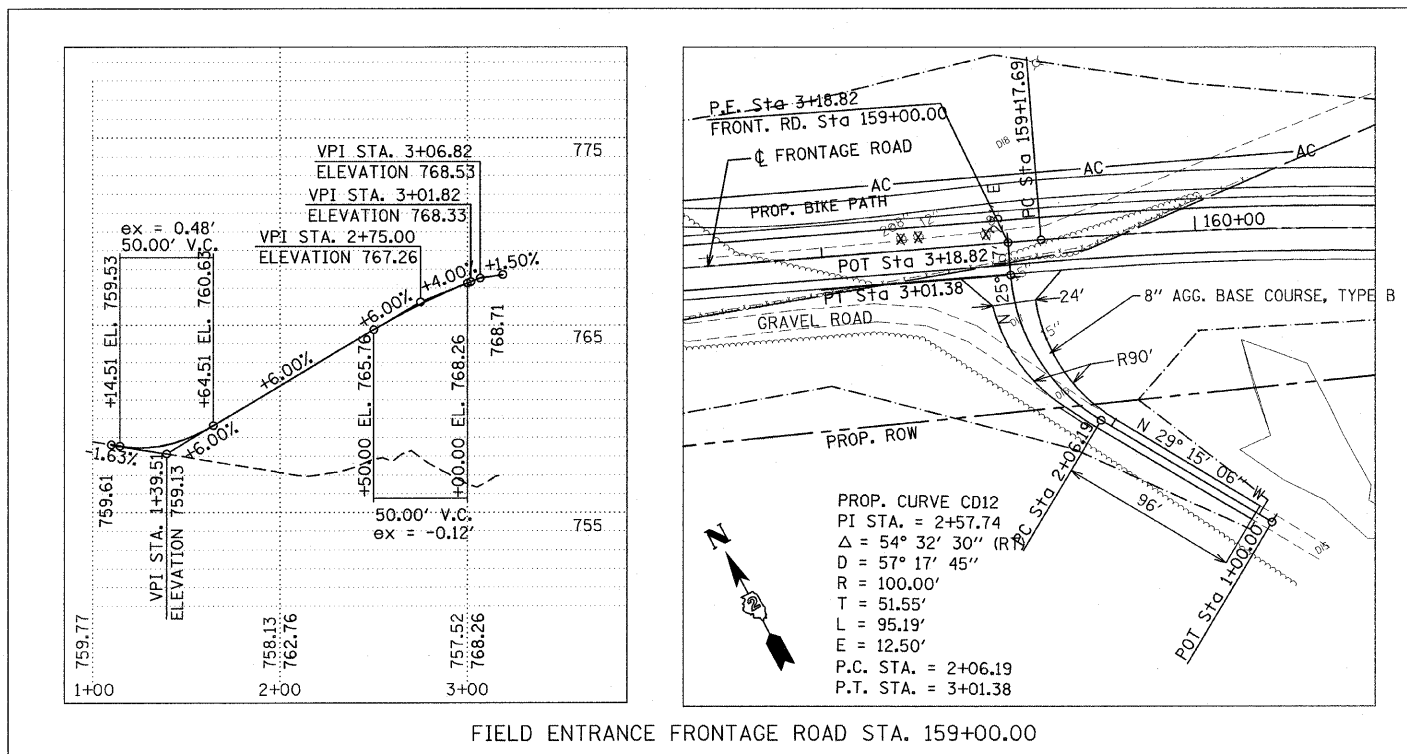
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN AND PROFILE
 FLUEGEL FIELD TO FIELD ACCESS

SCALE: 1"=50'
 DATE: 01-22-10

DRAWN BY RMH
 CHECKED BY AC






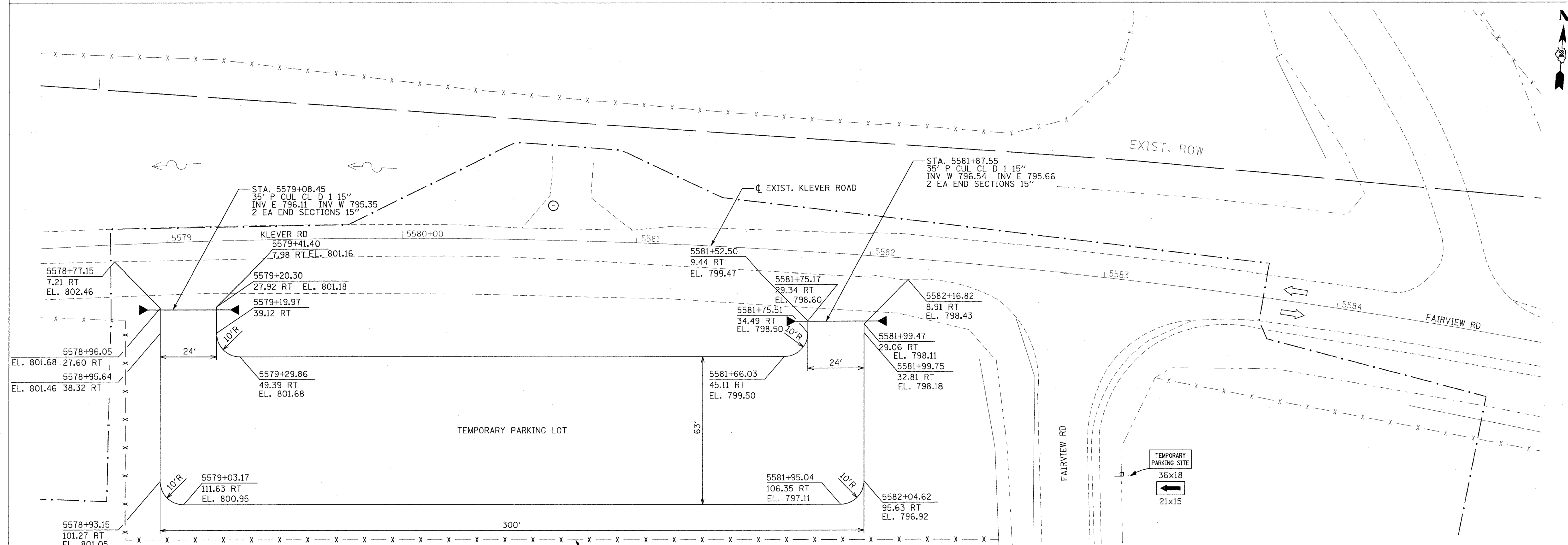
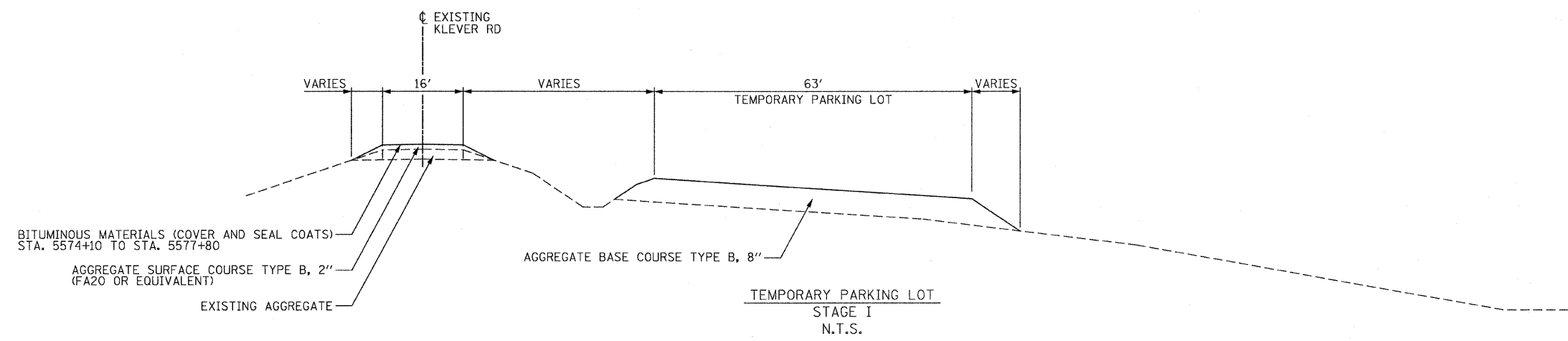


	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. ROUTE 301 (US RTE. 20) FROM BOLTON ROAD TO WEST OF IL RTE. 26 PLAN AND PROFILE FIELD AND PRIVATE ENTRANCES
	NAME	DATE	
	SCALE: VERT. 1"=50'	DRAWN BY RMH	CHECKED BY AC
	DATE		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	81
STA. 8+00		TO STA. 22+77.35		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			PLN-32 OF 32	
CONTRACT #64799				

LEGEND

-  DRUM WITH STEADY BURNING MONO DIRECTION LIGHT AT 50' C-C
-  WORK ZONE
-  DIRECTION OF TRAFFIC



- NOTES:
- TEMPORARY FENCE SHALL BE INSTALLED TO SEPARATE EXISTING US 20 AND THE TEMPORARY PARKING LOT.
 - PORTABLE TOILET LOCATION SHALL BE APPROVED OF BY THE ENGINEER. THE PORTABLE TOILET IS NOT PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF ENGINEER'S FIELD OFFICE, TYPE A.
 - THE CONTRACTOR SHALL INSTALL THE APPROPRIATE EROSION CONTROL FEATURES RELATED TO THE TEMPORARY PARKING LOT AND KLEVER ROAD RESURFACING. THIS WORK, INCLUDING SILT FENCE INSTALLATION, TEMPORARY SEEDING AND OTHER TEMPORARY EROSION CONTROL FEATURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

REVISIONS	
NAME	DATE

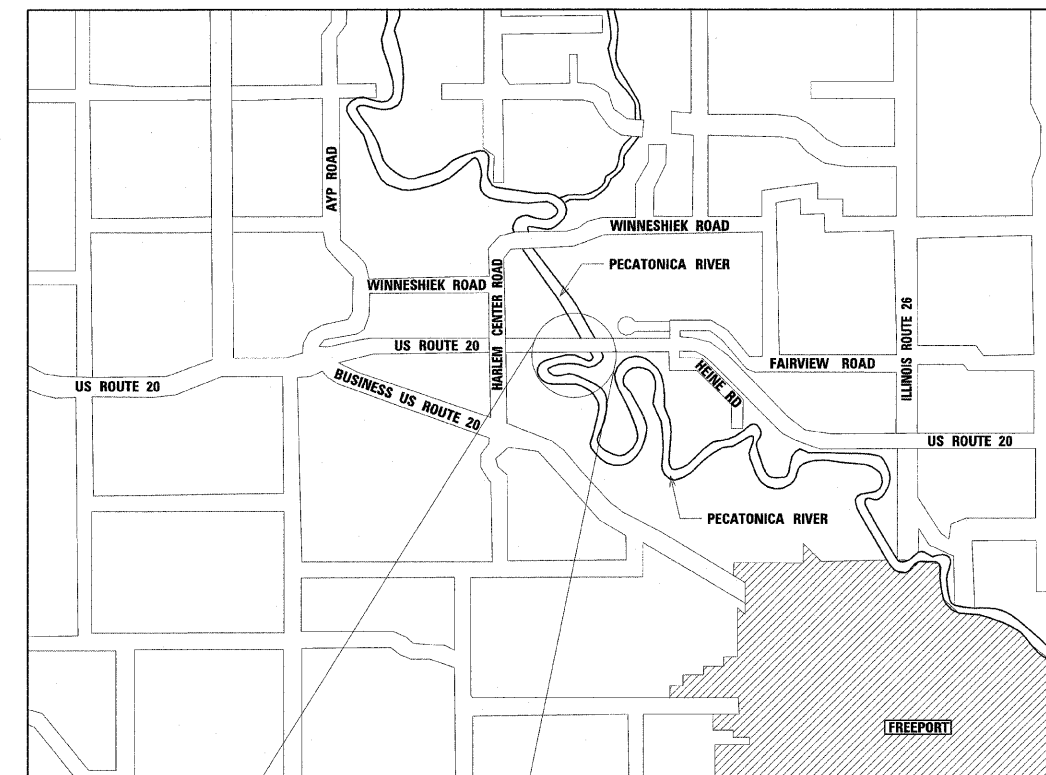
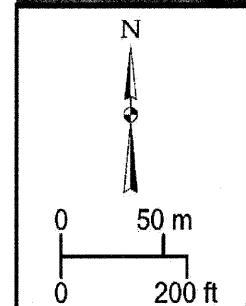
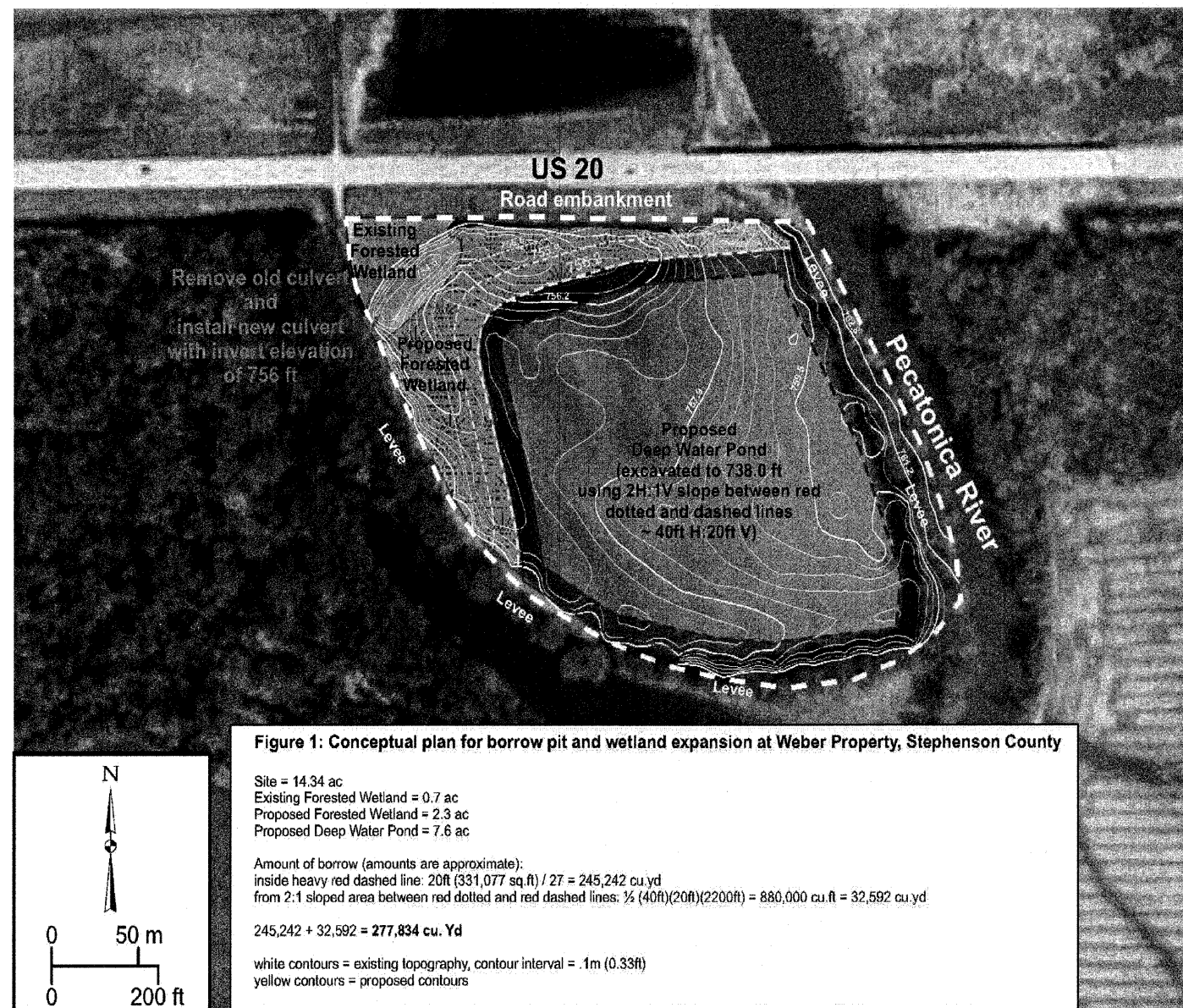
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

PLAN
 BIKE PATH TEMPORARY PARKING LOT

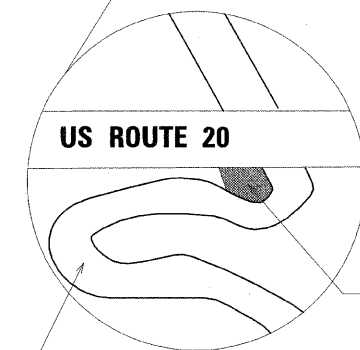
SCALE: 1"=20'
 DATE: 01-22-10

DRAWN BY TJR
 CHECKED BY RMH





SCALE: NTS



MITIGATION SITE

PECATONICA RIVER

NOTES:

1. THE CONTRACTOR WILL NOT PERFORM ANY WORK OUTSIDE THE CONSTRUCTION LIMITS UNLESS DIRECTED BY THE ENGINEER. OBTAINING PROPER EQUIPMENT AS NEEDED FOR CONDITION AT THE PROJECT SITE IS THE RESPONSIBILITY OF THE CONTRACTOR.
2. PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ENGINEER.
3. THIS WETLAND SITE IS COVERED BY AN NPDES GENERAL PERMIT FROM THE IEPA. CONTRACTOR IS REQUIRED TO COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL PERMIT AND THE EROSION CONTROL PLAN.
4. THE CONTRACTOR SHALL REPLACE THE TWO EXISTING CULVERTS IN-KIND THAT ARE LOCATED ADJACENT TO THE FORESTED WETLAND AND ACCESS ROAD NEAR THE WESTERN LEVEE. THE CULVERTS ARE CMP WITH 18" DIAMETER.(SEE CULVERT SCHEDULE) THE NEW CULVERT INVERT NEAR THE BORROW PIT SHALL BE AT EL. 756. ALL WORK ASSOCIATED WITH THE REPLACEMENT OF THE EXISTING CULVERTS SHALL BE INCLUDED IN THE COSTS ASSOCIATED WITH THE PROPOSED CULVERT.
5. THE CONTRACTOR SHALL INSTALL THE APPROPRIATE EROSION CONTROL FEATURES RELATED TO THE WETLAND/BORROW PIT EXCAVATION. THIS WORK, INCLUDING SILT FENCE INSTALLATION AND TEMPORARY SEEDING, SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

BORROW PIT AND WETLAND PLAN

SCALE: NTS
 DATE: 01-22-10

DRAWN BY: AJP
 CHECKED BY: RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	83
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				
CONTRACT #64799				

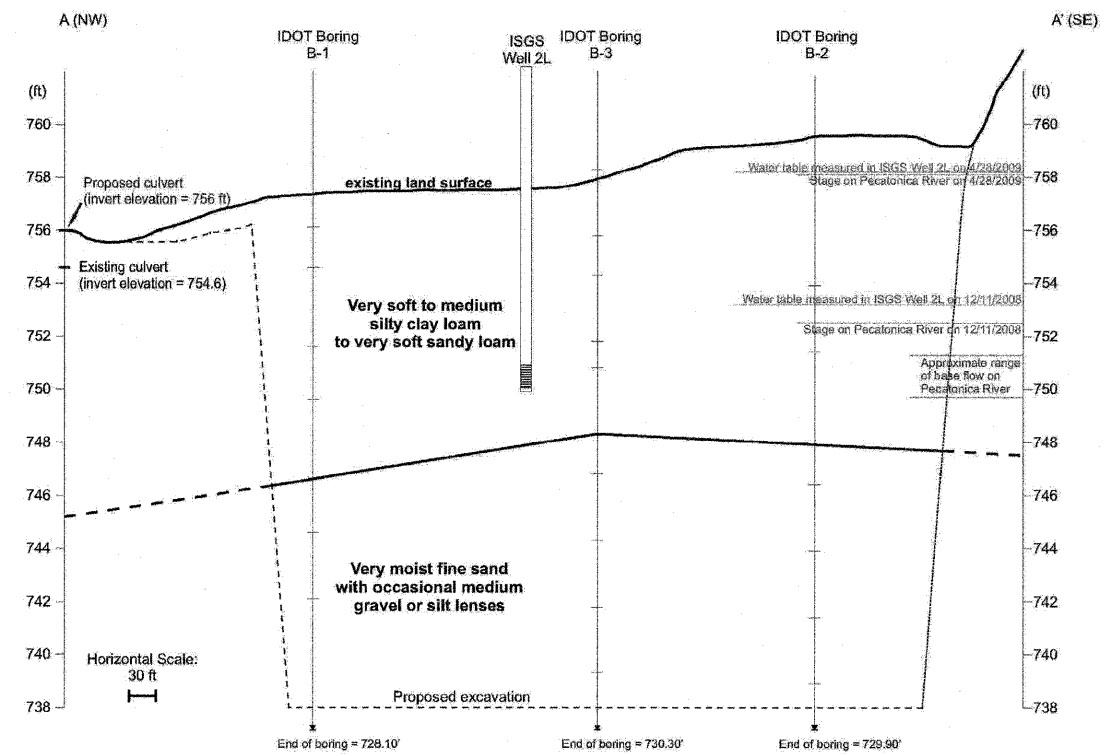


Figure 3: Cross-section along line A - A' through proposed borrow pit and wetland expansion at Weber Property, Stephenson County

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

BORROW PIT AND WETLAND PLAN

SCALE: NTS
 DATE: 01-22-10

DRAWN BY: AJP
 CHECKED BY: RMH



BORING LOGS

		SOIL BORING LOG		Page <u>1</u> of <u>1</u>
ROUTE <u>FAP 301</u> DESCRIPTION <u>C92-057-06 Borrow Pit - Wetland Site</u> LOGGED BY <u>W. Garza</u>		DATE <u>8/13/09</u>		
SECTION <u>177-2</u> LOCATION <u>Harlem Twp. - 15SE, SEC. , TWP. 27N, RNG. R7E</u>				
COUNTY <u>Stephenson</u> DRILLING METHOD <u>Hollow Stem Auger</u> HAMMER TYPE <u>CME-45 Automatic</u>				
STRUCT. NO. _____ Station _____	D E L C O P O S I T W S S H S Qu T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter <u>751.1</u> ft ▼ Upon Completion _____ ft After _____ Hrs. _____ ft	D E L C O P O S I T W S S H S Qu T	(ft) (in) (sf) (%)
BORING NO. <u>B-1</u> Station <u>See attached map for approx. locations</u> Offset _____ Ground Surface Elev. <u>758.10</u> ft				
SOFT brown SILTY CLAY LOAM 756.10 VERY SOFT brown SILTY CLAY LOAM 754.60 VERY SOFT brown SANDY LOAM 751.60 No Recovery 749.60 VERY SOFT gray SANDY LOAM 746.60 VERY LOOSE gray fine SAND 744.60 Wash LOOSE gray fine SAND 742.10 Sand		Sand (continued) End of Boring 728.10 -30		
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)				
BBS, from 137 (Rev. 8-99)				

		SOIL BORING LOG		Page <u>1</u> of <u>1</u>
ROUTE <u>FAP 301</u> DESCRIPTION <u>C92-057-06 Borrow Pit - Wetland Site</u> LOGGED BY <u>W. Garza</u>		DATE <u>8/13/09</u>		
SECTION <u>177-2</u> LOCATION <u>Harlem Twp. - 15SE, SEC. , TWP. 27N, RNG. R7E</u>				
COUNTY <u>Stephenson</u> DRILLING METHOD <u>Hollow Stem Auger</u> HAMMER TYPE <u>CME-45 Automatic</u>				
STRUCT. NO. _____ Station _____	D E L C O P O S I T W S S H S Qu T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter <u>752.9</u> ft ▼ Upon Completion _____ ft After _____ Hrs. _____ ft	D E L C O P O S I T W S S H S Qu T	(ft) (in) (sf) (%)
BORING NO. <u>B-2</u> Station <u>See attached map for approximate locations.</u> Offset _____ Ground Surface Elev. <u>759.90</u> ft				
MEDIUM brown SILTY CLAY LOAM 757.90 MEDIUM brown SILTY CLAY LOAM 756.40 VERY SOFT brown SANDY LOAM 753.90 VERY SOFT brown SANDY LOAM 751.40 VERY SOFT brown SANDY LOAM 747.90 VERY MOIST gray fine SAND 746.40 VERY MOIST gray fine SAND 743.90 VERY MOIST gray fine SAND 741.40 VERY MOIST gray fine SAND		VERY MOIST gray fine SAND (continued) 738.90 VERY MOIST gray fine SAND 736.40 VERY MOIST gray fine SAND with SILT lens 733.90 VERY MOIST gray fine SAND with SILT lens 729.90 -30 End of Boring 729.90 -30		
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)				
BBS, from 137 (Rev. 8-99)				


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 BORROW PIT AND WETLAND PLAN
 SOIL BORING LOGS



SCALE: NTS
 DATE: 01-22-10
 DRAWN BY: AJP
 CHECKED BY: RMH

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1
Date 8/13/09

ROUTE FAP 301 DESCRIPTION C92-057-06 Borrow Pit - Wetland Site LOGGED BY W. Garza

SECTION 177-2 LOCATION Harlem Twp. - 15SE, SEC. , TWP. 27N, RNG. R7E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. _____
Station _____

BORING NO. B-3
Station See attached map for approximate locations.
Offset _____
Ground Surface Elev. 760.30 ft

Soil Description	D E P T H ft	B L O W S (6")	U C S (tsf)	M O I S T (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft	D E P T H ft	B L O W S (6")	U C S (tsf)	M O I S T (%)
SOFT brown SILTY CLAY LOAM			0.3	26.0			VERY MOIST gray SAND with medium GRAVEL (continued)	739.30			
	758.30		0.1	26.0			VERY MOIST gray SAND with medium GRAVEL	736.80			
VERY SOFT brown SAND LOAM	755.80						VERY MOIST gray SAND	-25			
VERY SOFT brown SANDY LOAM	754.30		0.2	25.0			VERY MOIST gray SAND	734.30			
	751.80		0.2	24.0			VERY MOIST gray SAND				
VERY SOFT brown SANDY LOAM	750.80										
VERY SOFT brown SANDY LOAM	-10						End of Boring	730.30	-30		
	748.30										
VERY MOIST brown fine SAND	746.80										
	-15								-35		
VERY MOIST gray fine SAND	744.30										
	741.80										
VERY MOIST gray fine SAND	-20								-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26
BORROW PIT AND WETLAND PLAN
SOIL BORING LOGS

SCALE: NTS
DATE: 01-22-10

DRAWN BY: AJP
CHECKED BY: RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	86
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
P-92-029-02		CONTRACT# 64799		
				STG-01 OF 23

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE

- STAGE IA**
- CONSTRUCT TEMPORARY PARKING LOT ALONG KLEVER ROAD.
 - RESURFACE KLEVER ROAD.

- STAGE I**
- GRADE WB US 20 NORTH OF EXISTING US 20 FROM STA. 475+55.31 TO STA. 631+00.
 - CONSTRUCT PROPOSED FRONTAGE ROAD AND BIKE PATH FROM STA. 98+50 TO STA. 173+50.
 - CONSTRUCT PROPOSED HEINE ROAD AND BIKE PATH FROM STA. 20+00 TO STA. 22+77.
 - PERFORM MEDIAN WORK AND INSTALL TEMPORARY PAVEMENT ALONG IL 26 FROM STA. 727+86 TO STA. 729+15.

- STAGE IIA**
- INSTALL PIPE CULVERTS AND CONSTRUCT PROPOSED AND TEMPORARY PAVEMENT ALONG THE EAST SIDE OF THE PROPOSED FRONTAGE ROAD FROM STA. 173+50 TO STA. 182+00.

- CONSTRUCT PROPOSED PAVEMENT ALONG THE EAST SIDE OF THE PROPOSED FRONTAGE ROAD FROM STA. 95+50 TO STA. 100+00.

- STAGE IIB**
- CONSTRUCT PROPOSED FRONTAGE ROAD PAVEMENT FROM STA. 173+50 TO STA. 182+00.

- CONSTRUCT PROPOSED PAVEMENT ALONG THE WEST SIDE OF THE PROPOSED FRONTAGE ROAD FROM STA. 95+50 TO STA. 100+00.

- CONSTRUCT PROPOSED HEINE ROAD AND PROPOSED BIKE PATH PAVEMENT FROM STA. 173+50 TO STA. 162+00.

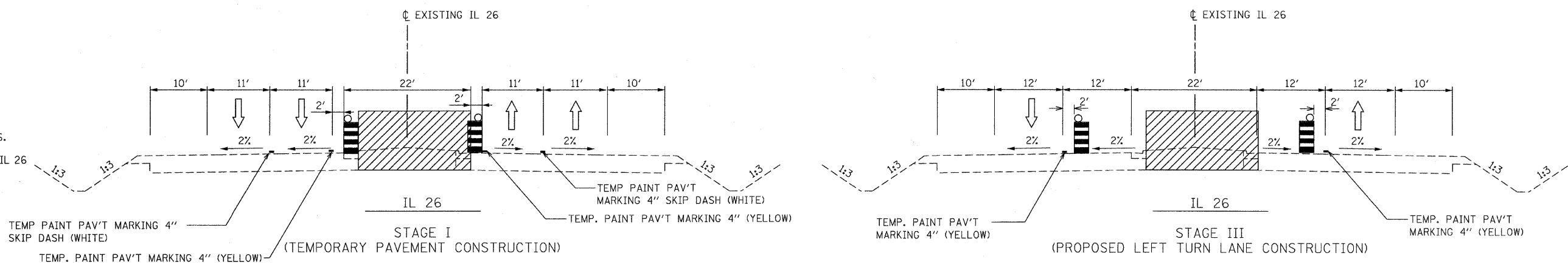
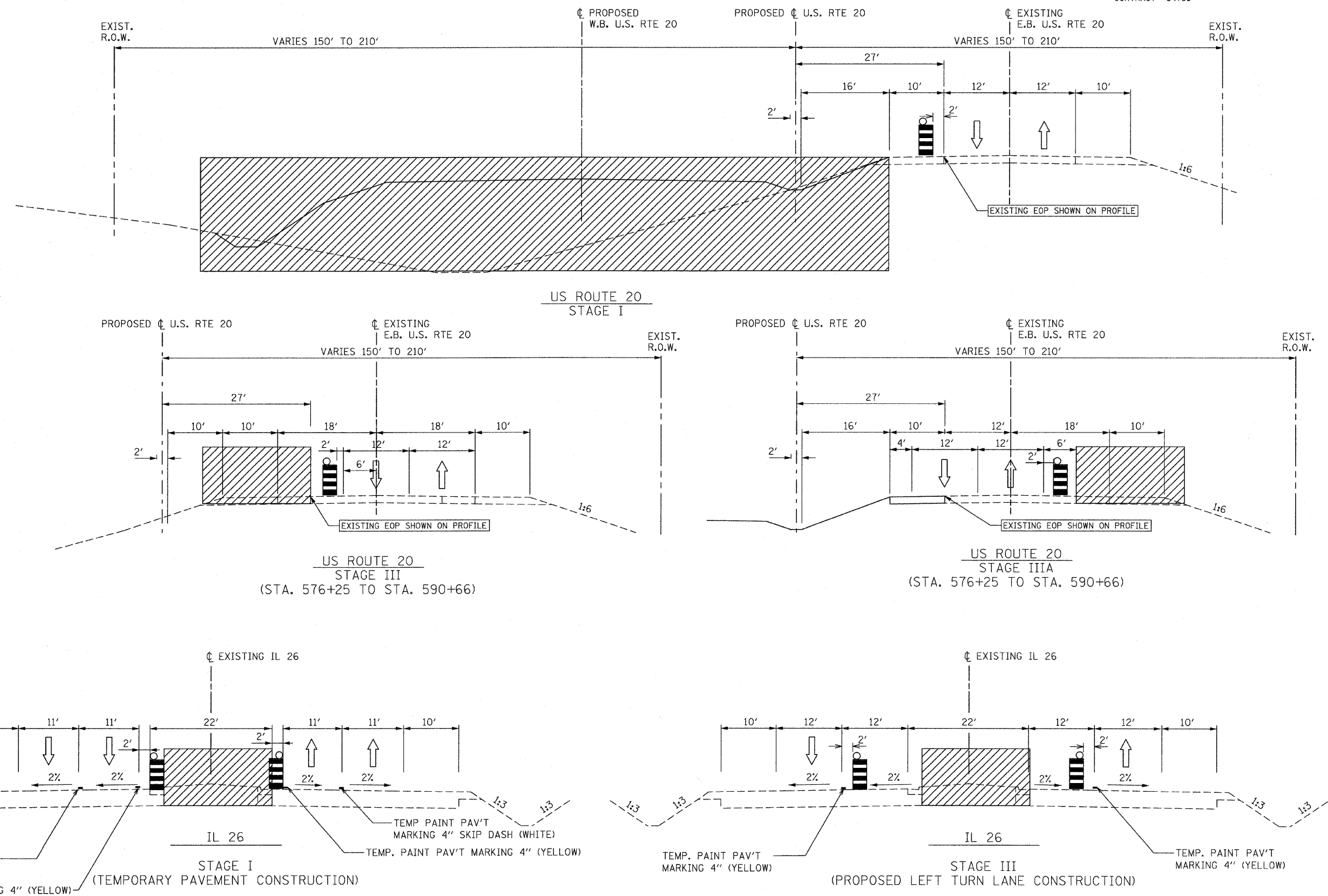
- STAGE IIC**
- REMOVE TEMPORARY PAVEMENT AND CONSTRUCT PROPOSED BIKE PATH PAVEMENT ALONG THE EAST SIDE OF THE PROPOSED FRONTAGE ROAD FROM STA. 173+50 TO STA. 182+00.

- STAGE III**
- ONCE HEINE ROAD IS OPEN TO TRAFFIC, ALL ACCESS (SEE CONSTRUCTION PLANS) TO US 20 FROM FAIRVIEW ROAD SHALL BE REMOVED.
 - EXISTING SHOULDER PAVEMENT TO BE REMOVED PRIOR TO CONSTRUCTING PROPOSED SHOULDER ALONG US 20 FROM STA. 576+25 TO STA. 590+66.

- REMOVE TEMPORARY PARKING LOT AND CONSTRUCT PROPOSED CUL-DE-SAC ALONG KLEVER ROAD.
- REMOVE ACCESS TO US 20 FROM ALL FIELD ENTRANCES.
- PROPOSED MEDIAN WORK SHALL BE PERFORMED ALONG IL 26 FROM STA. 724+06 TO STA. 734+87.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES FOR THE DURATION OF THE PROJECT.
2. ALL EXISTING PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS CONFLICTING WITH TEMPORARY TRAFFIC PATTERNS SHALL BE REMOVED PRIOR TO THE START OF CONSTRUCTION OR AS DIRECTED BY THE ENGINEER.
3. ALL WARNING SIGNS SHALL BE BLACK LEGEND AND BORDER ON ORANGE REFLECTORIZED BACKGROUND UNLESS OTHERWISE NOTED.



LEGEND

- DRUM WITH STEADY BURNING MONO DIRECTION LIGHT AT 50' C-C
- WORK ZONE
- DIRECTION OF TRAFFIC

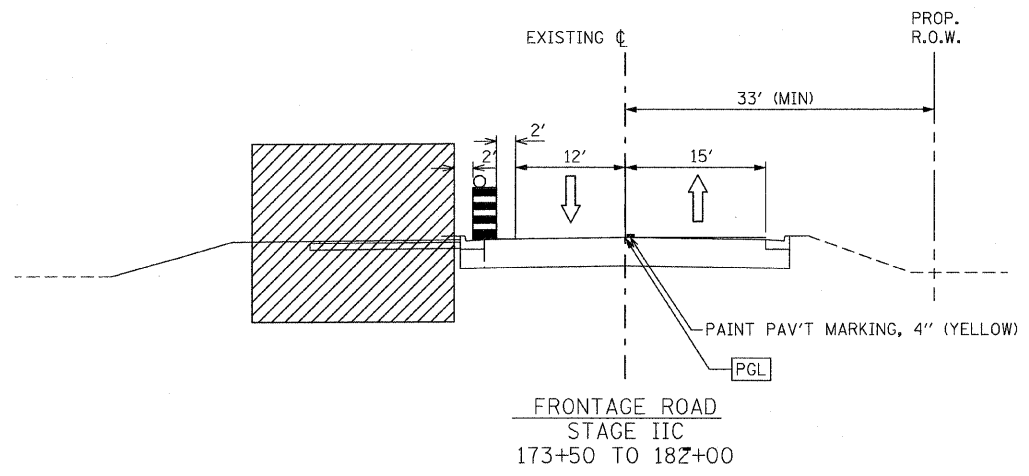
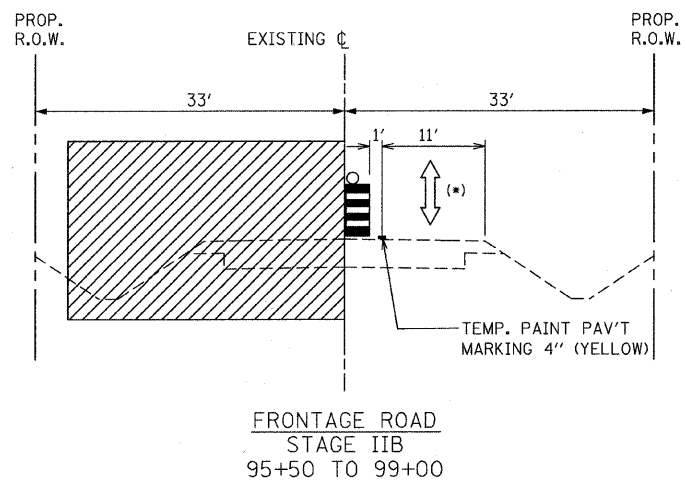
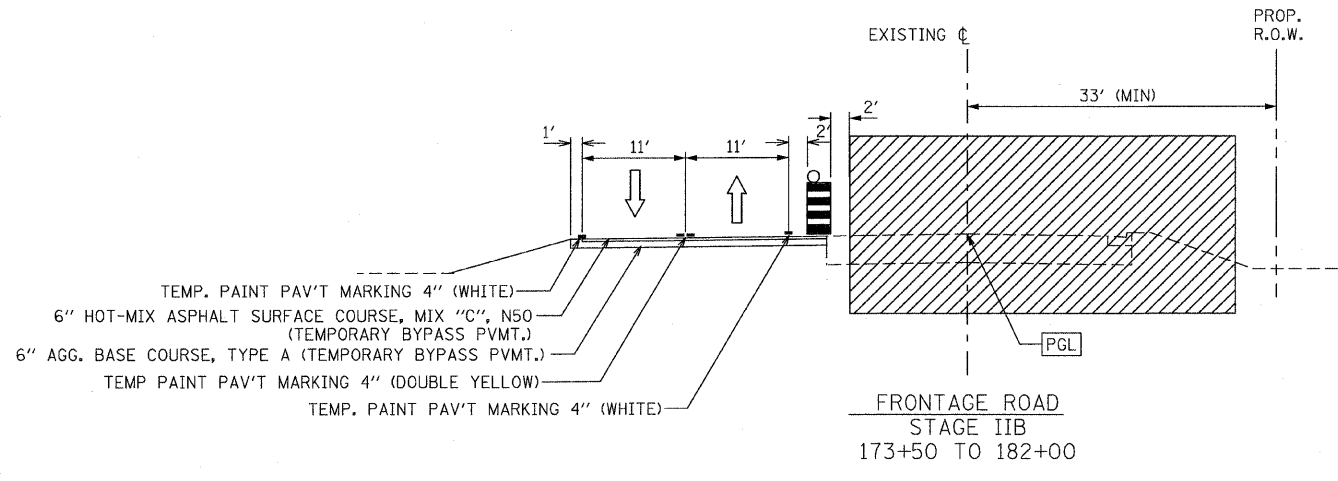
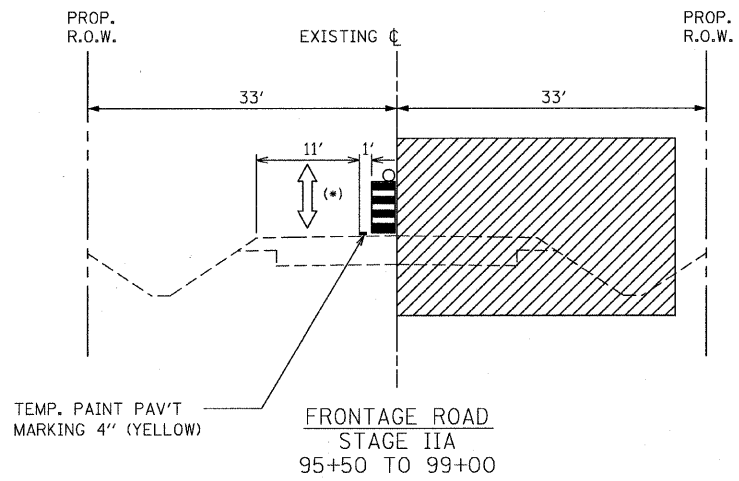
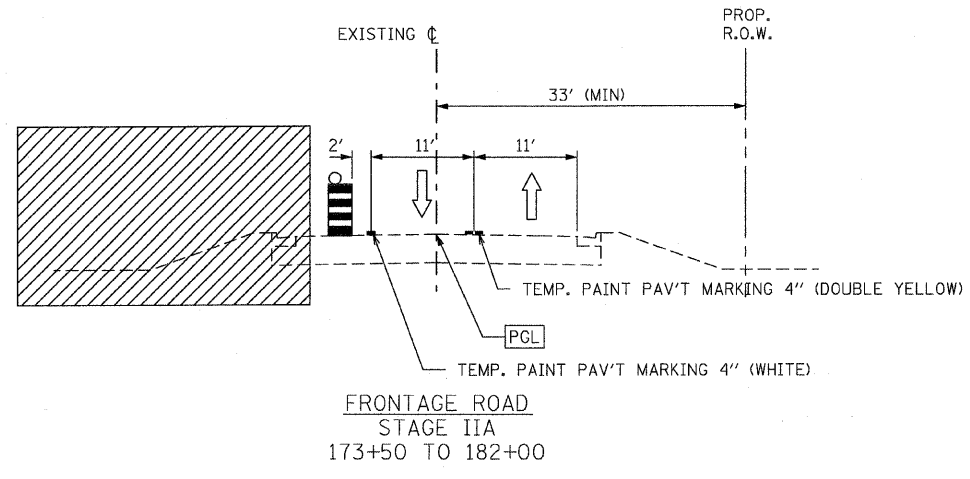
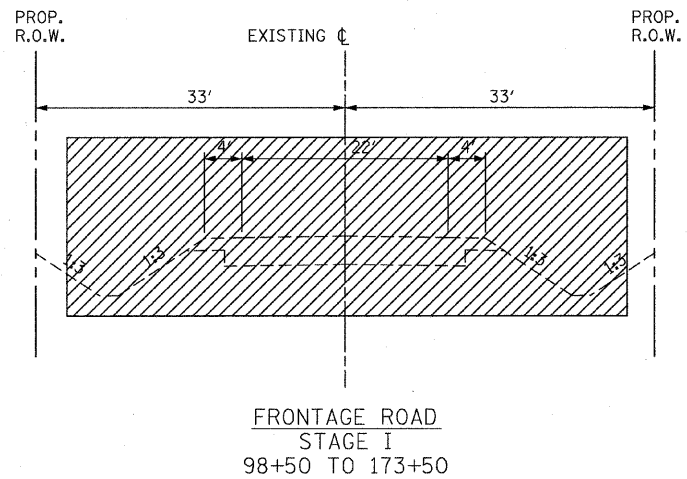


REVISIONS	
NAME	DATE




ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL AND STAGING NOTES AND DETAILS

SCALE: N.T.S. DRAWN BY RMH
 DATE: 01-22-10 CHECKED BY DVS



LEGEND

-  DRUM WITH STEADY BURNING MONO DIRECTION LIGHT AT 50' C-C
-  WORK ZONE
-  DIRECTION OF TRAFFIC

(*) ONE LANE SHALL REMAIN OPEN DURING STAGE IIA AND IIB USING FLAGGERS TO MAINTAIN TRAFFIC AS SHOWN.

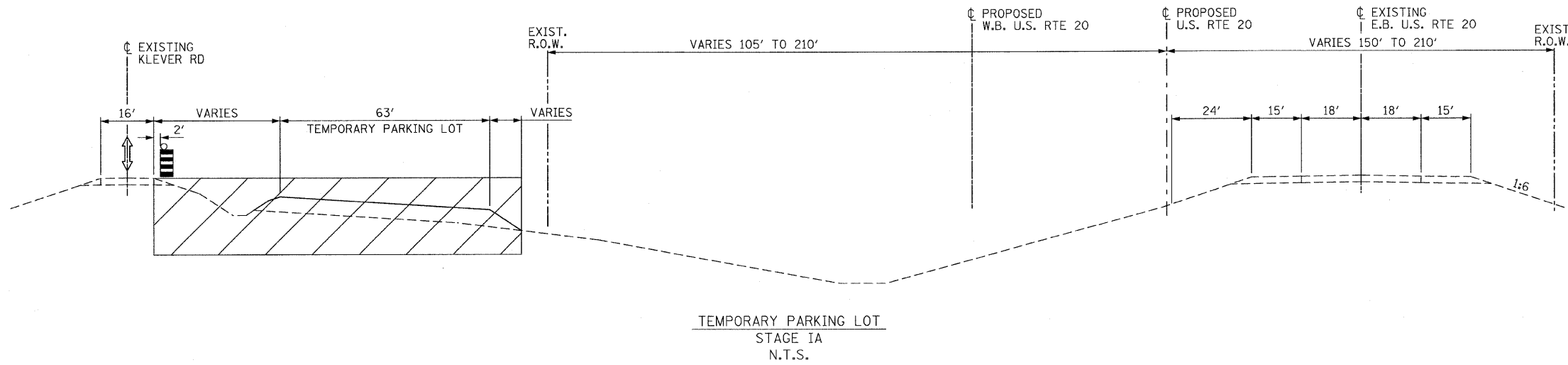


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL
 AND STAGING
 NOTES AND DETAILS

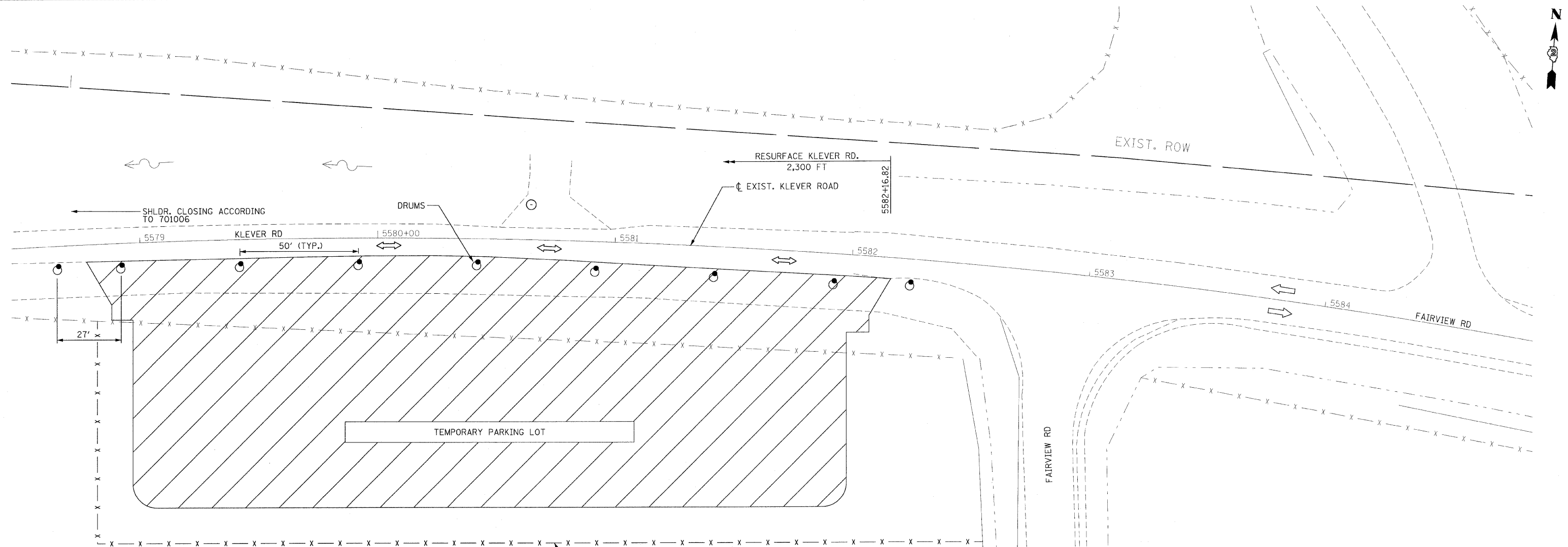
SCALE: N.T.S. DRAWN BY RMH
 DATE: 01-22-10 CHECKED BY DVS



LEGEND

- DRUM WITH STEADY BURNING MONO DIRECTION LIGHT
- WORK ZONE
- DIRECTION OF TRAFFIC

TEMPORARY PARKING LOT
STAGE IA
N.T.S.



STAGE IA NOTES (KLEVER ROAD)

1. INSTALL TRAFFIC CONTROL DEVICES AS SHOWN ON PLANS AND STANDARDS.
2. GRADE AND CONSTRUCT TEMPORARY PARKING LOT. TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
3. RESURFACE KLEVER ROAD (2,300 FT). TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701306.
4. ONE LANE SHALL REMAIN OPEN AT ALL TIMES ON KLEVER ROAD.
5. TRAFFIC CONTROL AND PROTECTION STANDARD 701006 SHALL BE APPLIED AS DEEMED NECESSARY BY THE ENGINEER.

STAGE IA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL AND STAGING PLANS
TEMPORARY PARKING LOT DETAIL




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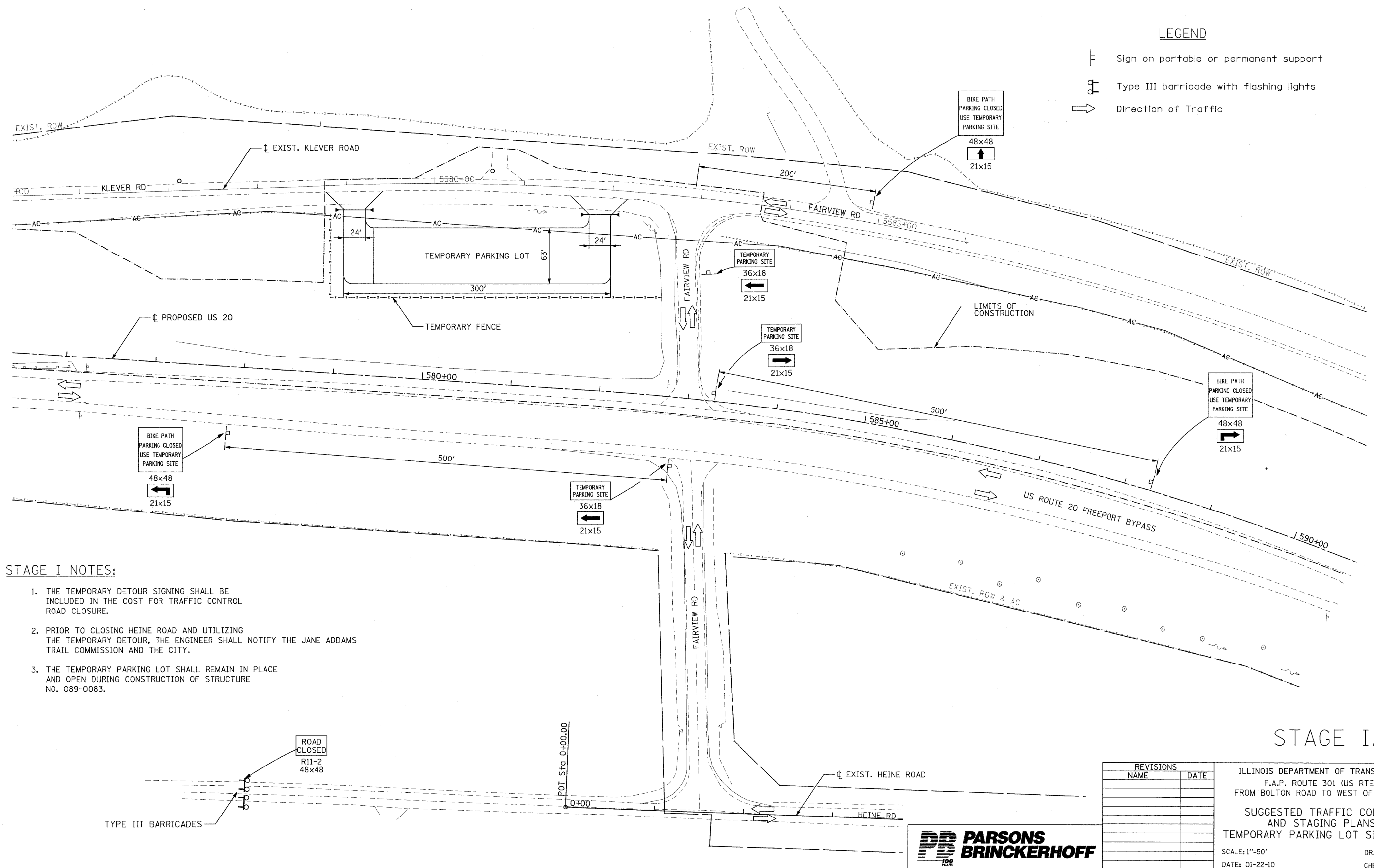
DRAWN BY: TJR
CHECKED BY: RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	89
STA.	8+00	TO STA.	22+77.35	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799			STG-04 OF 23	

LEGEND

-  Sign on portable or permanent support
-  Type III barricade with flashing lights
-  Direction of Traffic



STAGE I NOTES:

1. THE TEMPORARY DETOUR SIGNING SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL ROAD CLOSURE.
2. PRIOR TO CLOSING HEINE ROAD AND UTILIZING THE TEMPORARY DETOUR, THE ENGINEER SHALL NOTIFY THE JANE ADDAMS TRAIL COMMISSION AND THE CITY.
3. THE TEMPORARY PARKING LOT SHALL REMAIN IN PLACE AND OPEN DURING CONSTRUCTION OF STRUCTURE NO. 089-0083.

STAGE IA

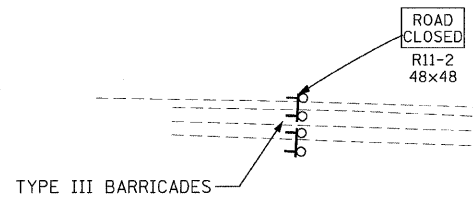
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL AND STAGING PLANS
 TEMPORARY PARKING LOT SIGN LAYOUT

SCALE: 1"=50'
 DATE: 01-22-10









DRAWN BY TJR
 CHECKED BY RMH



POT Sta. 0+00.00

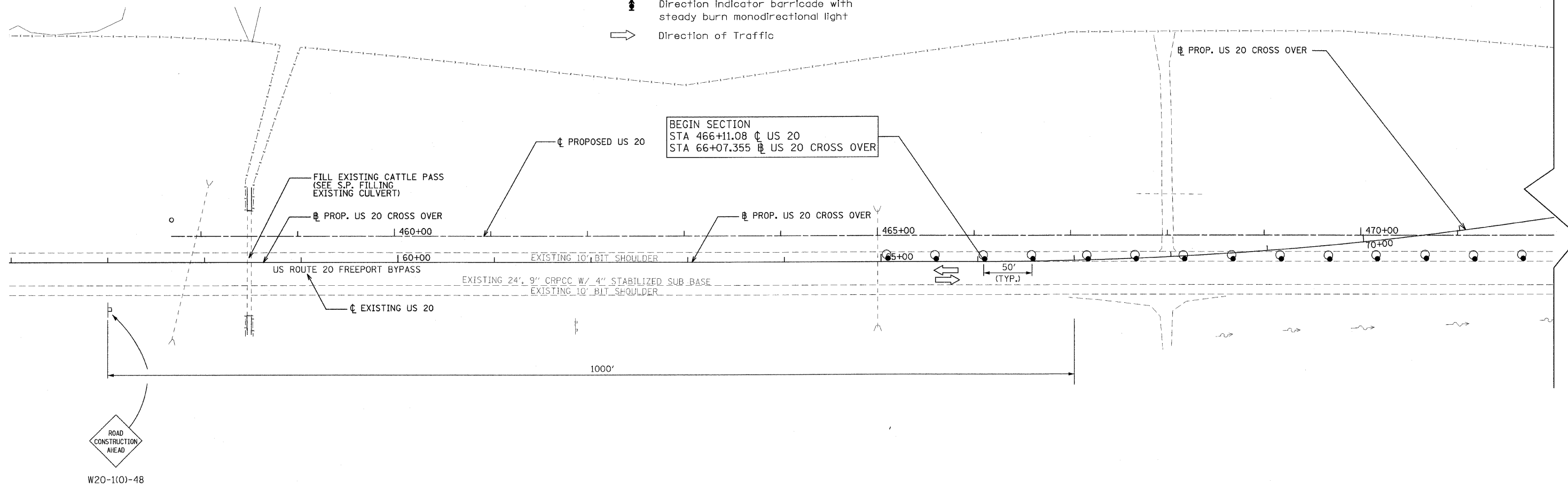
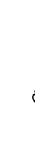
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	90
STA.	457+69	TO STA.	472+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				STG-05 OF 23
CONTRACT #64799				

LEGEND

-  Work area
-  Drums with steady burning mono-directional lights at 50' C-C in tapers and 100' C-C in tangents
-  Sign on portable or permanent support
-  Flagger with traffic control sign
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights
-  Direction indicator barricade with steady burn monodirectional light
-  Direction of Traffic

STAGE I NOTES:

1. REMOVE EXISTING PAVEMENT MARKINGS. INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS.
2. CLOSE WESTBOUND SHOULDER AND SHIFT TRAFFIC AT EAST AND WEST END OF US 20.
3. GRADE US 20 FROM STA. 475+55.31 TO 631+00.
4. US 20 STAGE I TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARDS 701326 AND 701401.
5. TRAFFIC CONTROL DEVICES SHALL REMAIN CONSISTENT THROUGHOUT THE LENGTH OF THE STAGE I CONSTRUCTION FOR US 20, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



W20-1(0)-48

STAGE I

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL
AND STAGING PLANS
WESTBOUND U.S. ROUTE 20









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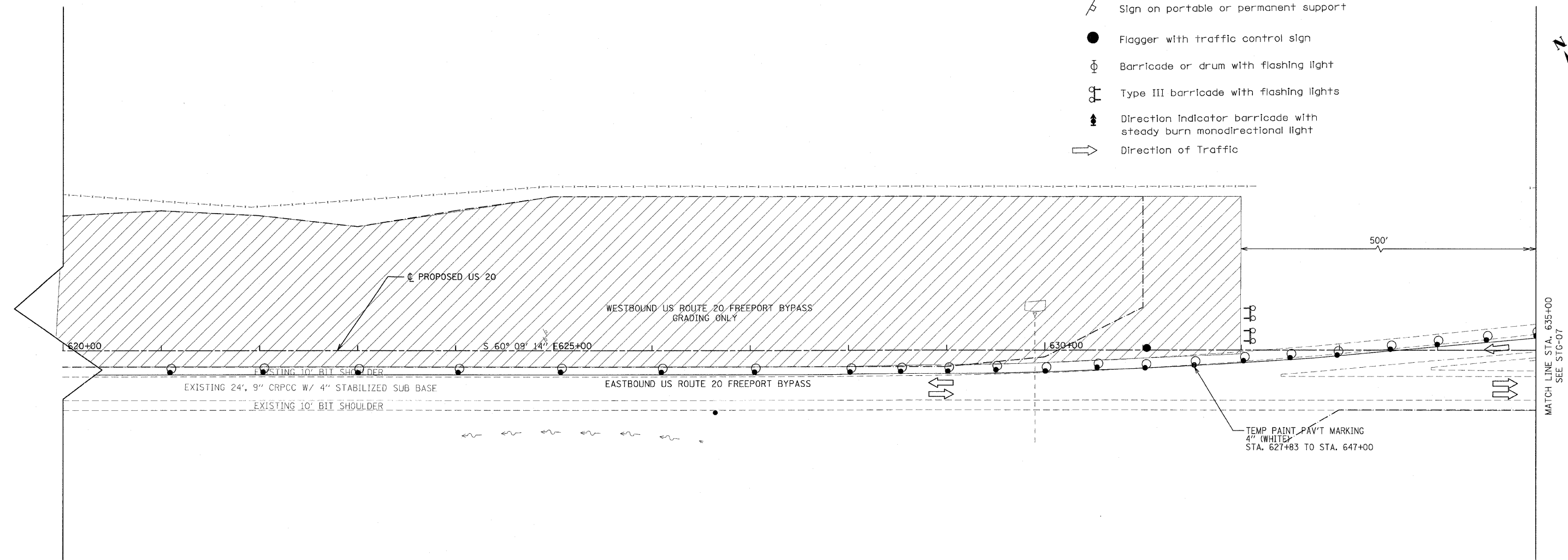
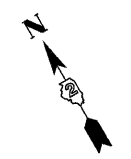
DRAWN BY SJV
CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	91
STA. 620+00	TO STA. 635+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799			STG-06 OF 23	

LEGEND

-  Work area
-  Drums with steady burning mono-directional lights at 50' C-C in tapers and 100' C-C in tangents
-  Sign on portable or permanent support
-  Flagger with traffic control sign
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights
-  Direction indicator barricade with steady burn monodirectional light
-  Direction of Traffic



STAGE I

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL AND STAGING PLANS WESTBOUND U.S. ROUTE 20









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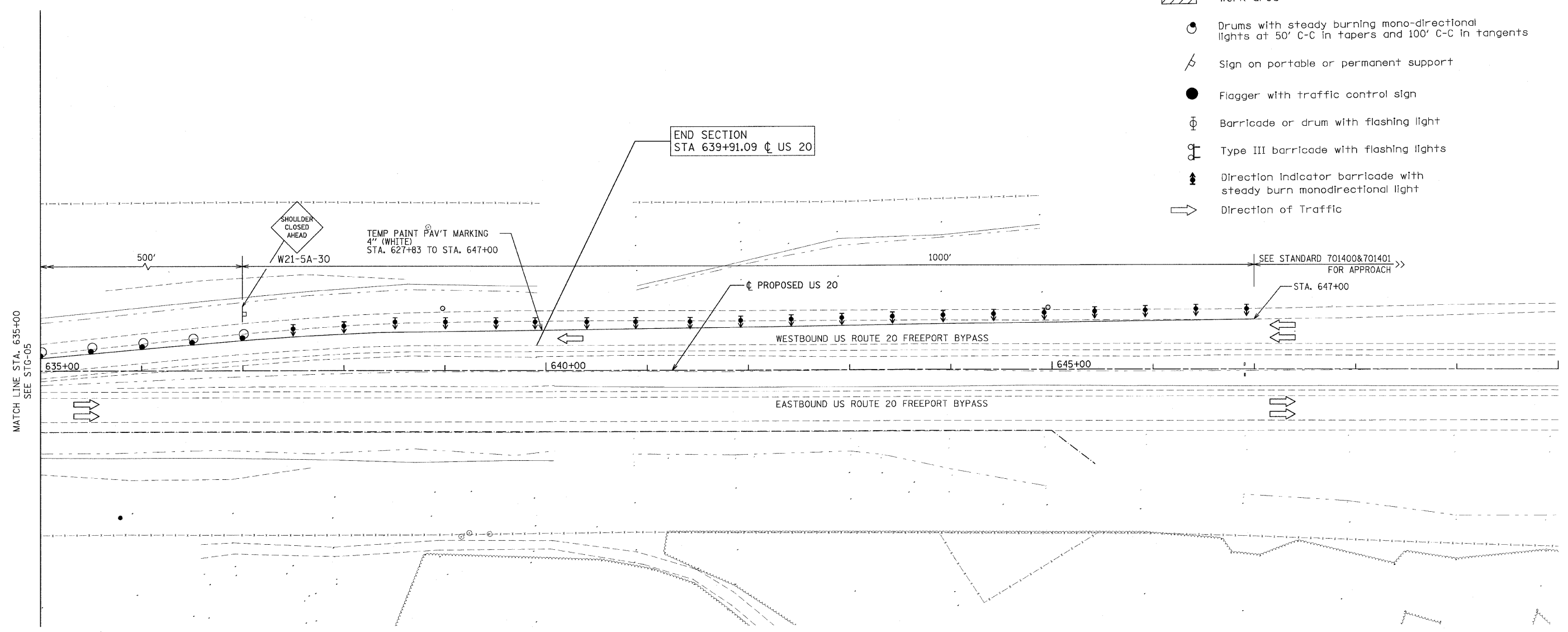
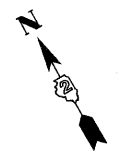
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	92
STA.	635+00	TO STA.	650+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				STG-07 OF 23
CONTRACT #64799				

LEGEND

-  Work area
-  Drums with steady burning mono-directional lights at 50' C-C in tapers and 100' C-C in tangents
-  Sign on portable or permanent support
-  Flagger with traffic control sign
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights
-  Direction indicator barricade with steady burn monodirectional light
-  Direction of Traffic



STAGE I NOTES:

1. US 20 STAGE I TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARDS 701326 AND 701401.

STAGE I

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL
 AND STAGING PLANS
 WESTBOUND U.S. ROUTE 20

SCALE: 1"=50'
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH



MATCH LINE STA. 635+00
SEE STG-05

END SECTION
 STA 639+91.09 @ US 20

SHOULDER
 CLOSED
 AHEAD
 W21-5A-30

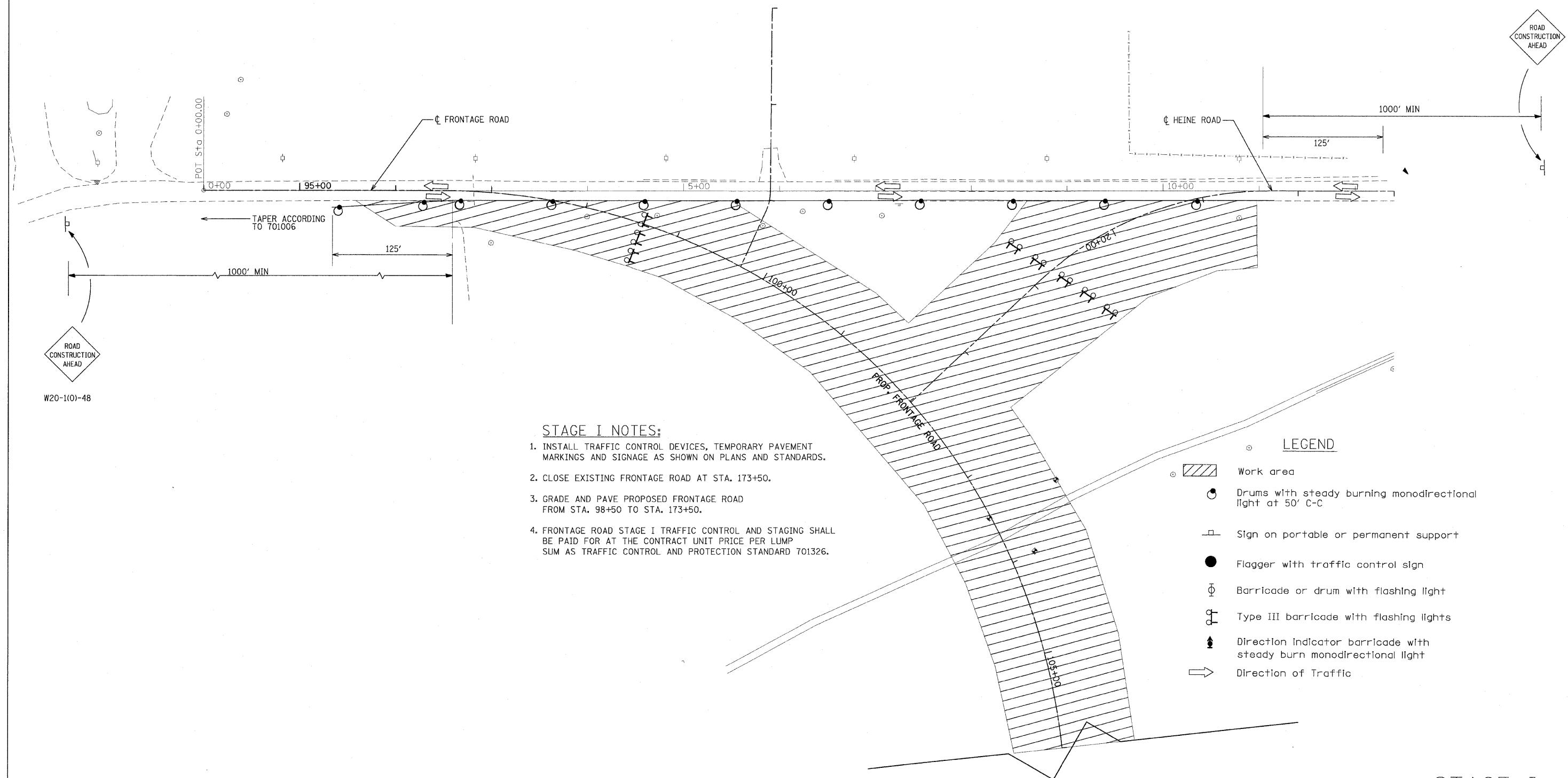
TEMP. PAINT PAV'T MARKING
 4" (WHITE)
 STA. 627+83 TO STA. 647+00

SEE STANDARD 701400 & 701401
 FOR APPROACH >>>
 STA. 647+00

WESTBOUND US ROUTE 20 FREEPORT BYPASS

EASTBOUND US ROUTE 20 FREEPORT BYPASS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	93
STA. 94+00	TO STA. 105+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02	STG-08 OF 23			
CONTRACT #64799	W20-10(-)48			



W20-10(-)48

STAGE I NOTES:

1. INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS.
2. CLOSE EXISTING FRONTAGE ROAD AT STA. 173+50.
3. GRADE AND PAVE PROPOSED FRONTAGE ROAD FROM STA. 98+50 TO STA. 173+50.
4. FRONTAGE ROAD STAGE I TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701326.

LEGEND

- Work area
- Drums with steady burning monodirectional light at 50' C-C
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Direction indicator barricade with steady burn monodirectional light
- Direction of Traffic

STAGE I

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL AND STAGING PLANS FRONTAGE ROAD









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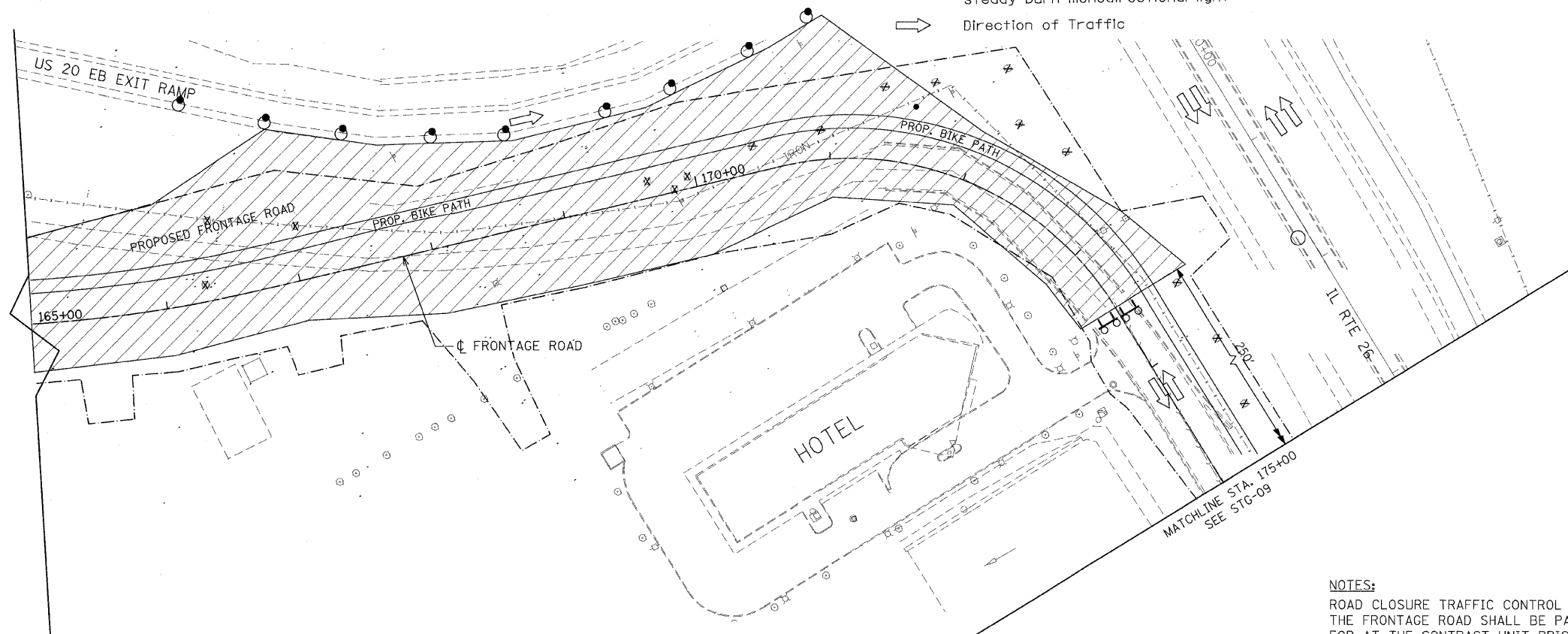
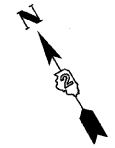
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	94
STA.	165+00	TO STA.	175+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				STG-09 OF 23
CONTRACT #64799				

LEGEND

-  Work area
-  Drums with steady burning mono-directional lights at 50' C-C in tapers and 100' C-C in tangents
-  Sign on portable or permanent support
-  Flagger with traffic control sign
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights
-  Direction indicator barricade with steady burn monodirectional light
-  Direction of Traffic



NOTES:
ROAD CLOSURE TRAFFIC CONTROL OF THE FRONTAGE ROAD SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL ROAD CLOSURE

STAGE I

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

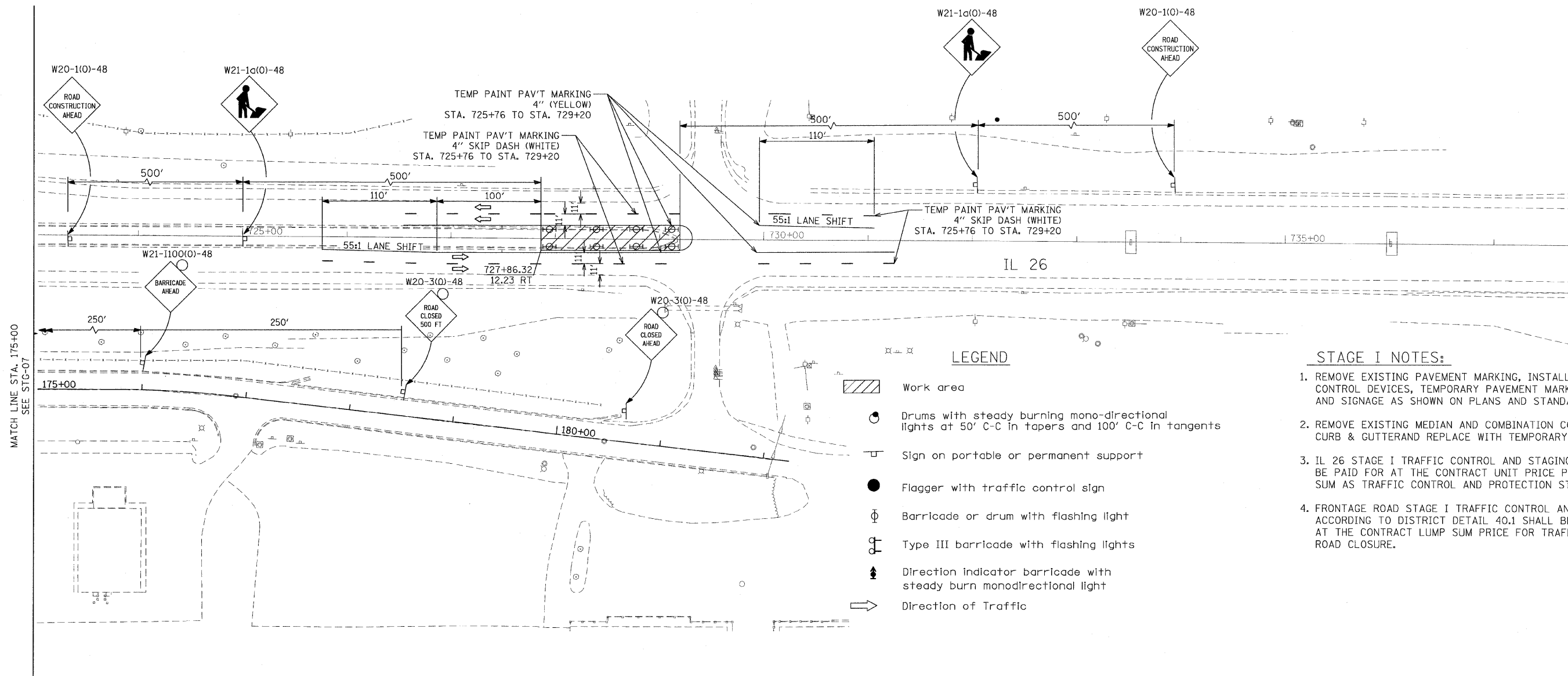
SUGGESTED TRAFFIC CONTROL AND STAGING PLANS
FRONTAGE ROAD

SCALE: 1"=50'
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	95
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		STG-10 OF 23		
CONTRACT #64799				



LEGEND

- Work area
- Drums with steady burning mono-directional lights at 50' C-C in tapers and 100' C-C in tangents
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Direction indicator barricade with steady burn monodirectional light
- Direction of Traffic

STAGE I NOTES:

1. REMOVE EXISTING PAVEMENT MARKING, INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKING AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS.
2. REMOVE EXISTING MEDIAN AND COMBINATION CONCRETE CURB & GUTTER AND REPLACE WITH TEMPORARY PAVEMENT.
3. IL 26 STAGE I TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701701.
4. FRONTAGE ROAD STAGE I TRAFFIC CONTROL AND STAGING ACCORDING TO DISTRICT DETAIL 40.1 SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL ROAD CLOSURE.

MATCH LINE STA. 175+00
SEE STG-07

STAGE I

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL
AND STAGING PLANS
FRONTAGE ROAD

SCALE: 1"=50'
DATE: 01-22-10

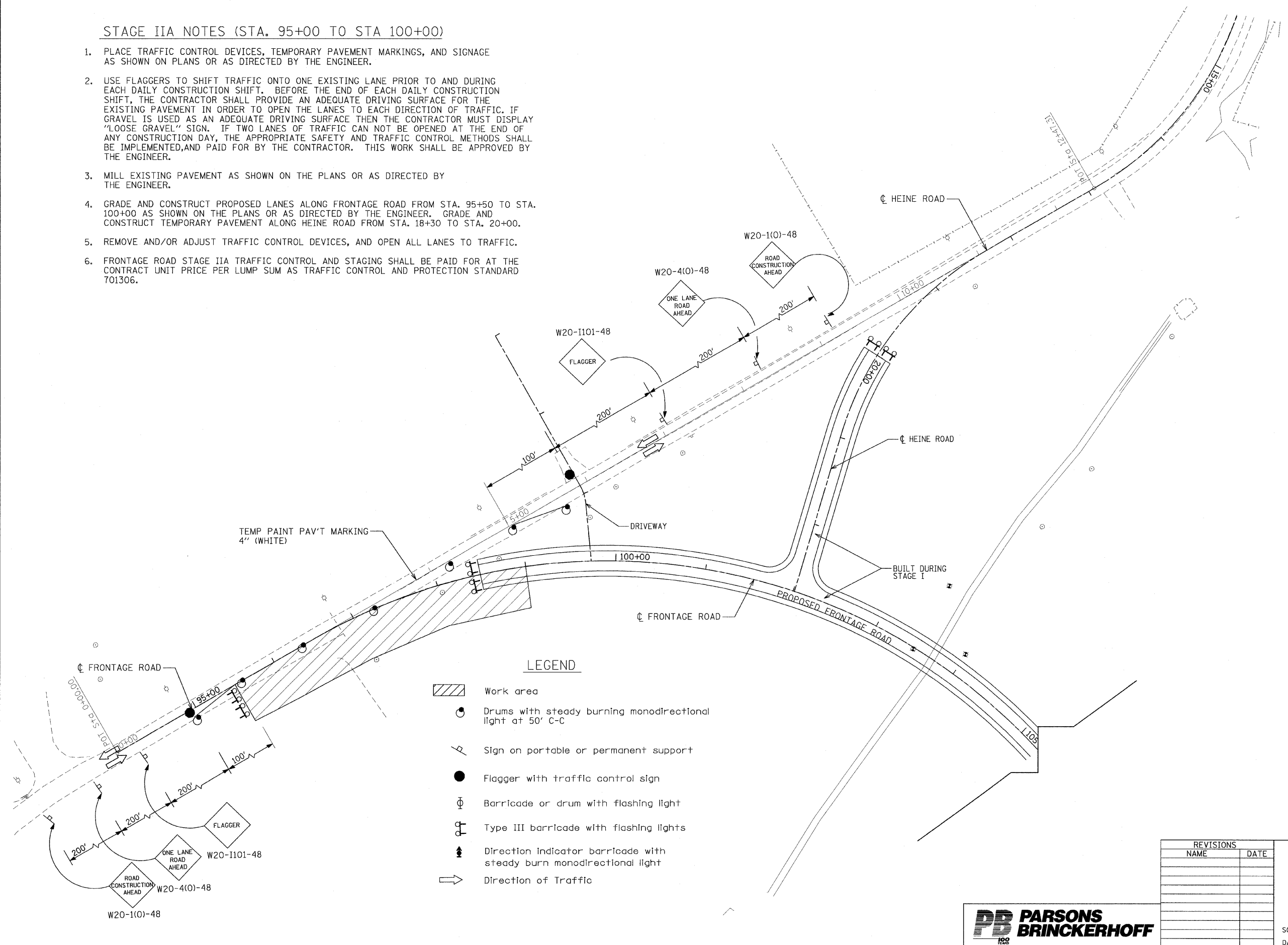
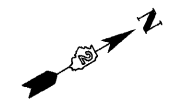
DRAWN BY SJV
CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	96
STA. 94+00	TO STA. 105+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			STG-11 OF 23	
CONTRACT #64799				

STAGE IIA NOTES (STA. 95+00 TO STA 100+00)

1. PLACE TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNAGE AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
2. USE FLAGGERS TO SHIFT TRAFFIC ONTO ONE EXISTING LANE PRIOR TO AND DURING EACH DAILY CONSTRUCTION SHIFT. BEFORE THE END OF EACH DAILY CONSTRUCTION SHIFT, THE CONTRACTOR SHALL PROVIDE AN ADEQUATE DRIVING SURFACE FOR THE EXISTING PAVEMENT IN ORDER TO OPEN THE LANES TO EACH DIRECTION OF TRAFFIC. IF GRAVEL IS USED AS AN ADEQUATE DRIVING SURFACE THEN THE CONTRACTOR MUST DISPLAY "LOOSE GRAVEL" SIGN. IF TWO LANES OF TRAFFIC CAN NOT BE OPENED AT THE END OF ANY CONSTRUCTION DAY, THE APPROPRIATE SAFETY AND TRAFFIC CONTROL METHODS SHALL BE IMPLEMENTED, AND PAID FOR BY THE CONTRACTOR. THIS WORK SHALL BE APPROVED BY THE ENGINEER.
3. MILL EXISTING PAVEMENT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. GRADE AND CONSTRUCT PROPOSED LANES ALONG FRONTAGE ROAD FROM STA. 95+50 TO STA. 100+00 AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. GRADE AND CONSTRUCT TEMPORARY PAVEMENT ALONG HEINE ROAD FROM STA. 18+30 TO STA. 20+00.
5. REMOVE AND/OR ADJUST TRAFFIC CONTROL DEVICES, AND OPEN ALL LANES TO TRAFFIC.
6. FRONTAGE ROAD STAGE IIA TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701306.



LEGEND

- Work area
- Drums with steady burning monodirectional light at 50' C-C
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Direction Indicator barricade with steady burn monodirectional light
- Direction of Traffic

STAGE IIA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 301 (US RTE. 20)
FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL AND STAGING PLANS FRONTAGE ROAD

SCALE: 1"=50'
DATE: 01-22-10

DRAWN BY SJV
CHECKED BY RMH











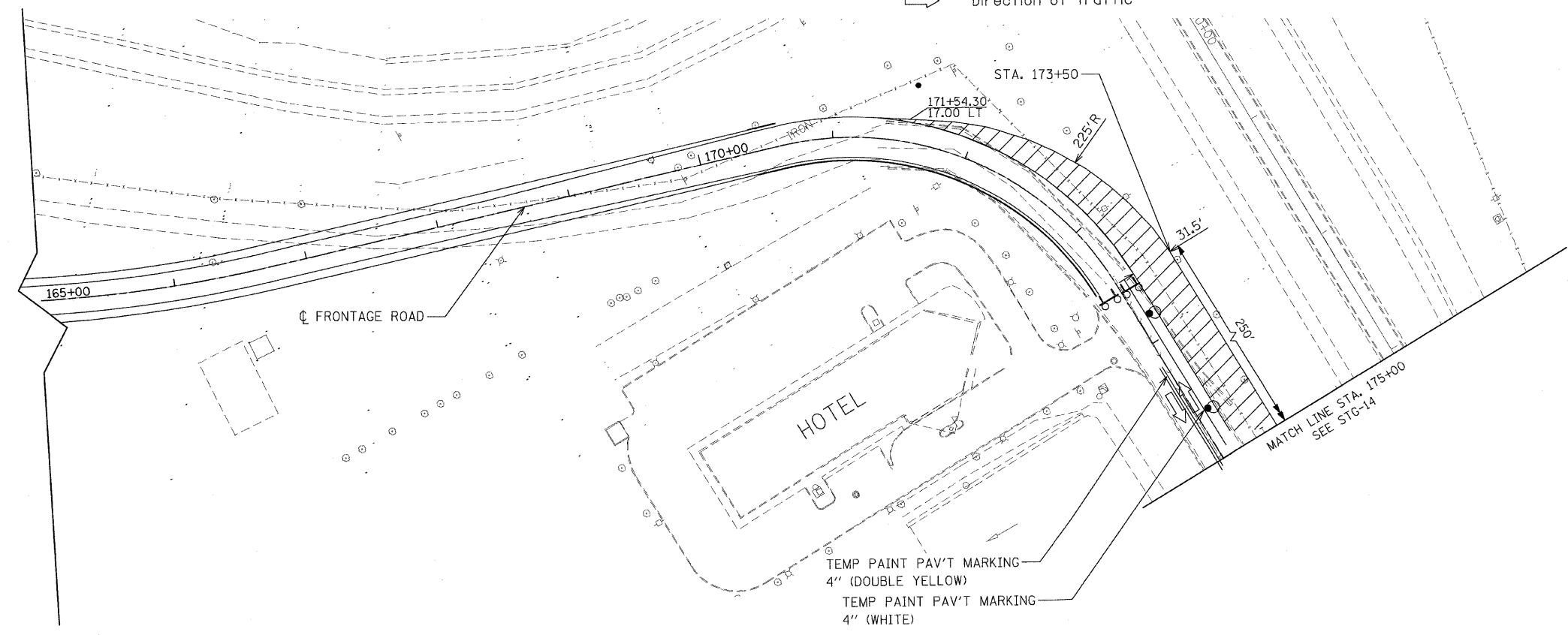
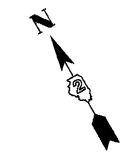
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	97
STA. 165+00	TO STA. 175+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02 CONTRACT #64799			STG-12 OF 23	

STAGE IIA NOTES:

1. REMOVE EXISTING PAVEMENT MARKINGS. INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS.
2. SHIFT TRAFFIC TO TEMPORARY LANES.
3. REMOVE EXISTING FENCE STA. 173+50 TO STA.177+00.
4. REMOVE EXISTING CURB & GUTTER ALONG NORTHBOUND LANE.
5. CONSTRUCT TEMPORARY PAVMENT. GRADING OF TEMPORARY PAVEMENT SHALL CORRESPOND TO PROPOSED BIKE PATH GRADING.
6. ROAD CLOSURE TRAFFIC CONTROL OF THE FRONTAGE ROAD SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL ROAD CLOSURE.

LEGEND

-  Work area
-  Drums with steady burning mono-directional lights at 50' C-C in tapers and 100' C-C in tangents
-  Sign on portable or permanent support
-  Flagger with traffic control sign
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights
-  Direction Indicator barricade with steady burn monodirectional light
-  Direction of Traffic



STAGE IIA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

**SUGGESTED TRAFFIC CONTROL AND STAGING PLANS
 FRONTAGE ROAD**









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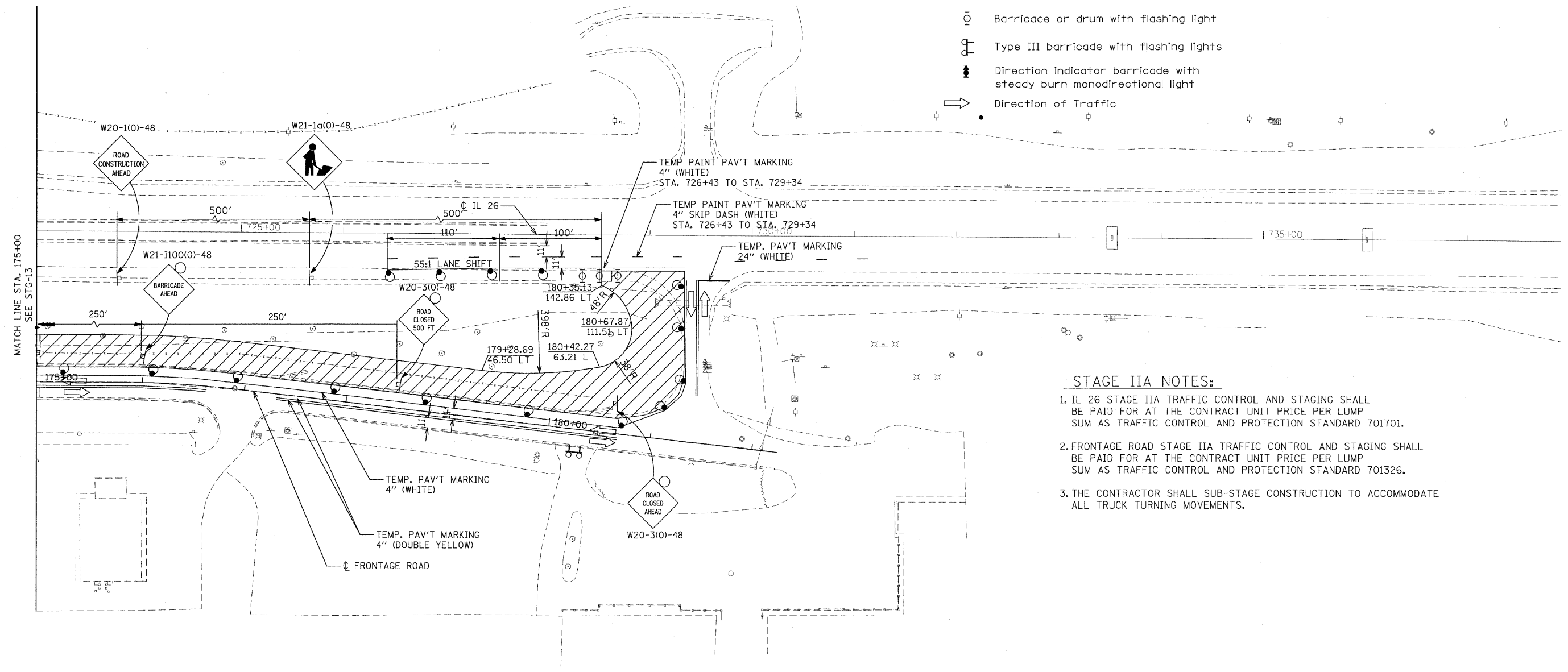
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 CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	98
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02		STG-13 OF 23		
CONTRACT #64799				

LEGEND

-  Work area
-  Drums with steady burning mono-directional lights at 50' C-C in tapers and 100' C-C in tangents
-  Sign on portable or permanent support
-  Flagger with traffic control sign
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights
-  Direction indicator barricade with steady burn monodirectional light
-  Direction of Traffic



STAGE IIA NOTES:

1. IL 26 STAGE IIA TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701701.
2. FRONTAGE ROAD STAGE IIA TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
3. THE CONTRACTOR SHALL SUB-STAGE CONSTRUCTION TO ACCOMMODATE ALL TRUCK TURNING MOVEMENTS.

STAGE IIA

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

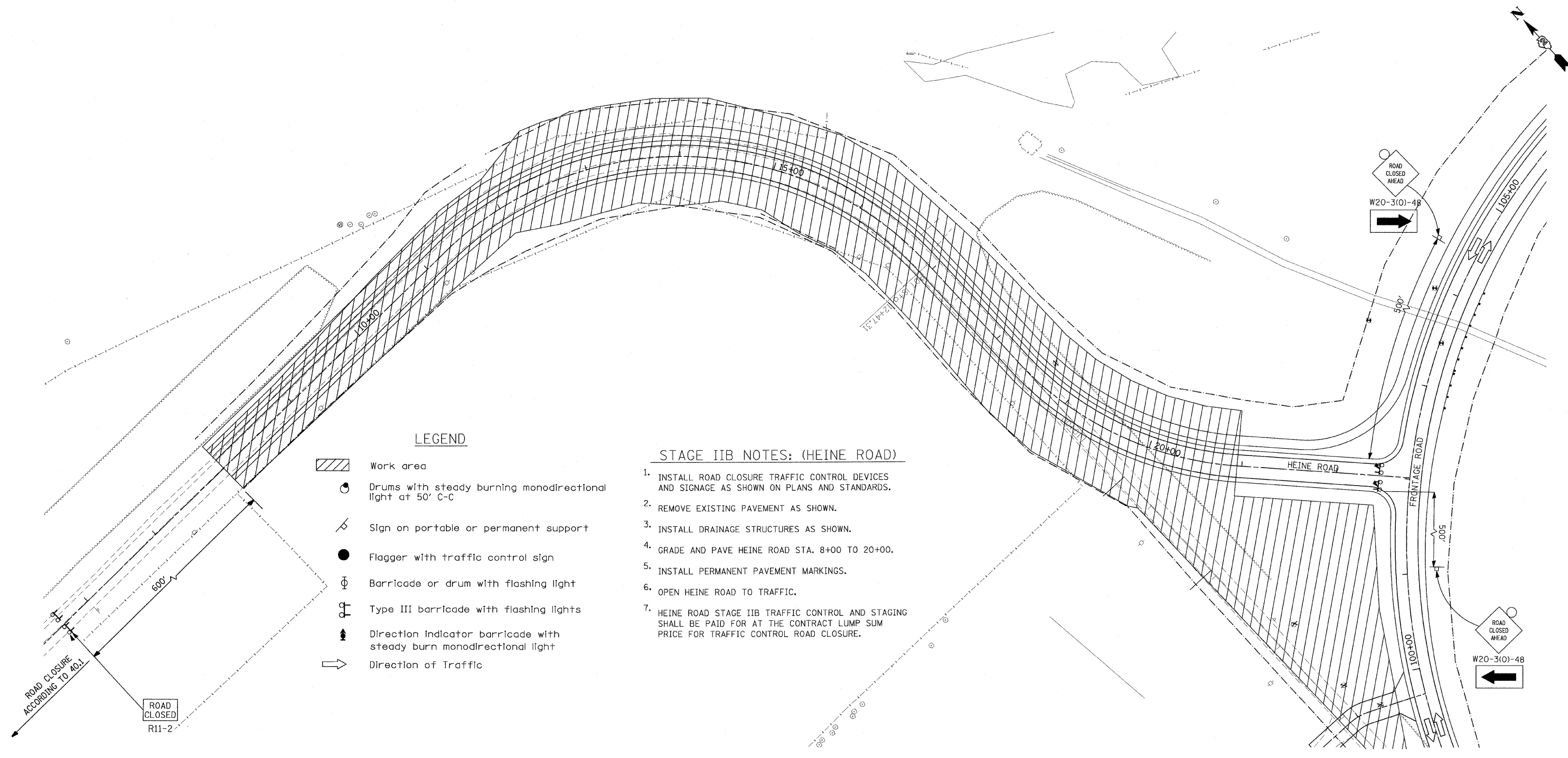
SUGGESTED TRAFFIC CONTROL AND STAGING PLANS
 IL 26

SCALE: 1"=50'
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VR-1)	STEPHENSON	386	99
STA. 8+00	TO STA. 22+77.35			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02			STG-14 OF 23	
CONTRACT #64799				



LEGEND

- Work area
- Drums with steady burning monodirectional light at 50' C-C
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Direction Indicator barricade with steady burn monodirectional light
- Direction of Traffic

STAGE IIB NOTES: (HEINE ROAD)

1. INSTALL ROAD CLOSURE TRAFFIC CONTROL DEVICES AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS.
2. REMOVE EXISTING PAVEMENT AS SHOWN.
3. INSTALL DRAINAGE STRUCTURES AS SHOWN.
4. GRADE AND PAVE HEINE ROAD STA. 8+00 TO 20+00.
5. INSTALL PERMANENT PAVEMENT MARKINGS.
6. OPEN HEINE ROAD TO TRAFFIC.
7. HEINE ROAD STAGE IIB TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL ROAD CLOSURE.

STAGE IIB

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26
 SUGGESTED TRAFFIC CONTROL
 AND STAGING PLANS
 HEINE ROAD

SCALE: 1"=50'
 DATE: 01-22-10

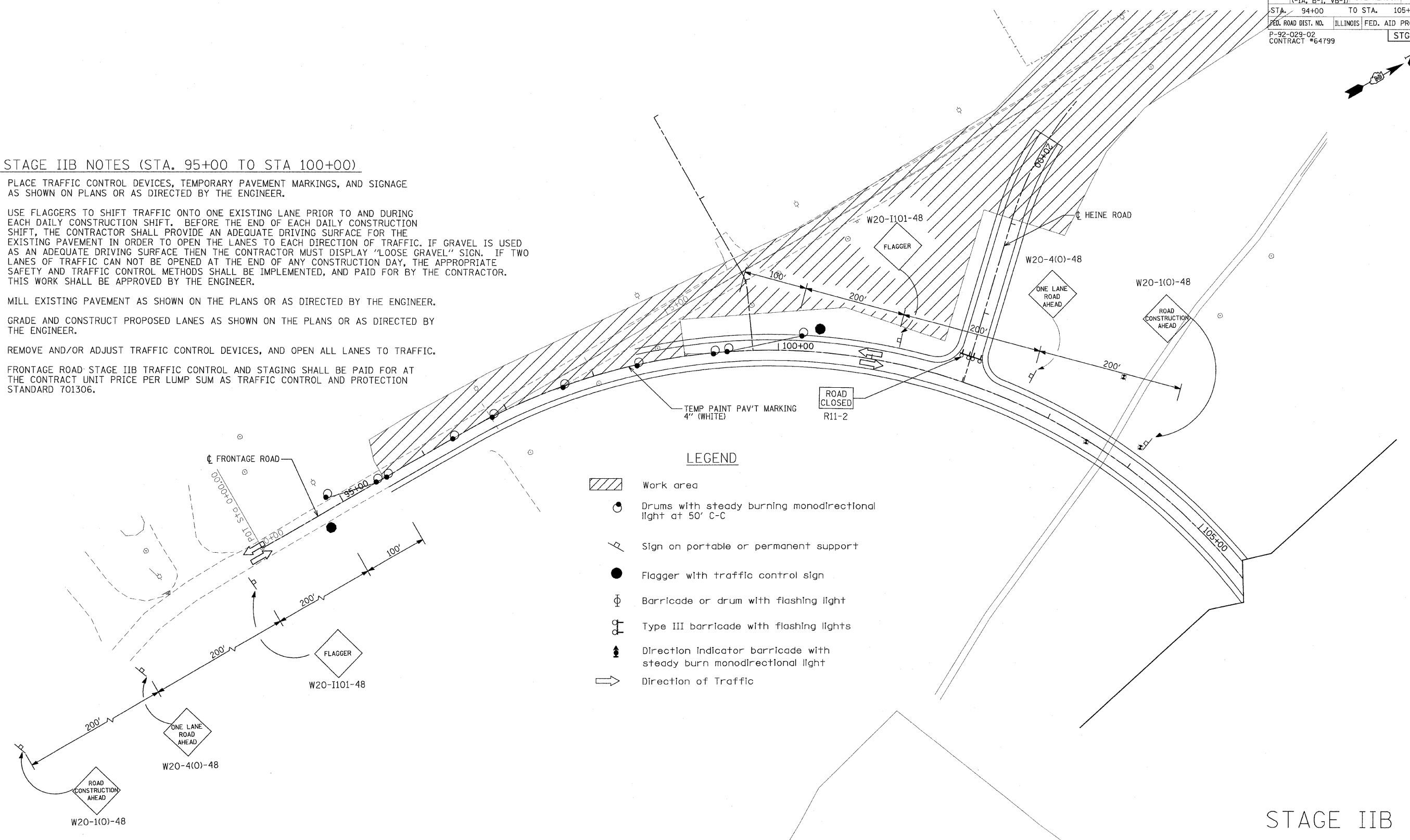
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F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	100
STA.	94+00	TO STA.	105+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
P-92-029-02				STG-15 OF 23
CONTRACT #64799				

STAGE IIB NOTES (STA. 95+00 TO STA 100+00)

1. PLACE TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS, AND SIGNAGE AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
2. USE FLAGGERS TO SHIFT TRAFFIC ONTO ONE EXISTING LANE PRIOR TO AND DURING EACH DAILY CONSTRUCTION SHIFT. BEFORE THE END OF EACH DAILY CONSTRUCTION SHIFT, THE CONTRACTOR SHALL PROVIDE AN ADEQUATE DRIVING SURFACE FOR THE EXISTING PAVEMENT IN ORDER TO OPEN THE LANES TO EACH DIRECTION OF TRAFFIC. IF GRAVEL IS USED AS AN ADEQUATE DRIVING SURFACE THEN THE CONTRACTOR MUST DISPLAY "LOOSE GRAVEL" SIGN. IF TWO LANES OF TRAFFIC CAN NOT BE OPENED AT THE END OF ANY CONSTRUCTION DAY, THE APPROPRIATE SAFETY AND TRAFFIC CONTROL METHODS SHALL BE IMPLEMENTED, AND PAID FOR BY THE CONTRACTOR. THIS WORK SHALL BE APPROVED BY THE ENGINEER.
3. MILL EXISTING PAVEMENT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. GRADE AND CONSTRUCT PROPOSED LANES AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
5. REMOVE AND/OR ADJUST TRAFFIC CONTROL DEVICES, AND OPEN ALL LANES TO TRAFFIC.
6. FRONTAGE ROAD STAGE IIB TRAFFIC CONTROL AND STAGING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM AS TRAFFIC CONTROL AND PROTECTION STANDARD 701306.



LEGEND

	Work area
	Drums with steady burning monodirectional light at 50' C-C
	Sign on portable or permanent support
	Flagger with traffic control sign
	Barricade or drum with flashing light
	Type III barricade with flashing lights
	Direction indicator barricade with steady burn monodirectional light
	Direction of Traffic

STAGE IIB

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

SUGGESTED TRAFFIC CONTROL
 AND STAGING PLANS
 FRONTAGE ROAD

SCALE: 1"=50'
 DATE: 01-22-10

DRAWN BY SJV
 CHECKED BY RMH

