

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 301 (US RTE. 20)
SECTION 177-2-1
PROJECT: ACNHF-0301(070)
PAVEMENT CONSTRUCTION
STEPHENSON COUNTY
C-92-023-12

PROJECT DESCRIPTION

THE PROPOSED U.S. RTE 20 IMPROVEMENT CONSISTS OF THE PAVEMENT CONSTRUCTION OF THE MAINLINE WESTBOUND TRAFFIC LANES SET ON TOP OF THE EMBANKMENT CONSTRUCTED DURING THE GRADING CONTRACT. OTHER PROJECT WORK CONSISTS OF APPROACH PAVEMENT CONSTRUCTION, GRADING, DRAINAGE IMPROVEMENTS, EROSION CONTROL, PAVEMENT MARKING, GUARDRAIL INSTALLATION, TRAFFIC CONTROL AND PROTECTION, AND OTHER RELATED ROADWAY ITEMS.

DESIGN DESIGNATION

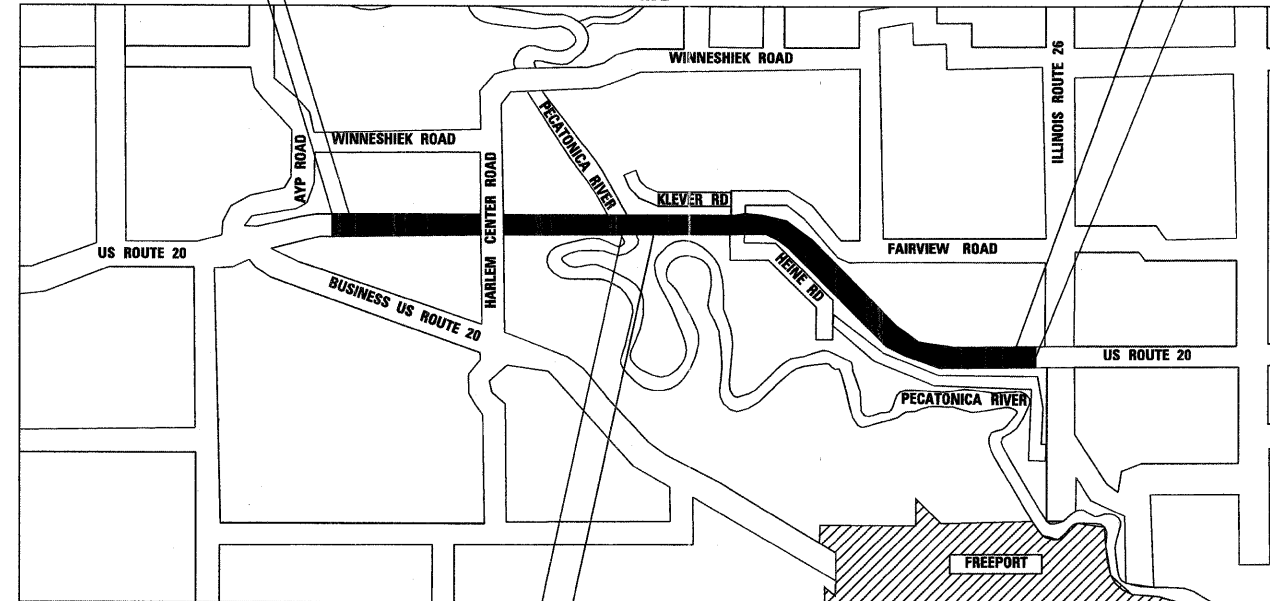
U.S. ROUTE 20:
ADT = 7,450 (2012)
ADT = 10,250 (2032)
DESIGN SPEED = 70 MPH
740(20) ARTERIAL 7.11(FD-20)

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

F.A.P. ROUTE 301 (US ROUTE 20)
FREEPORT BYPASS
IMPROVEMENT BEGINS
STA. 463 + 30.00

F.A.P. ROUTE 301 (US ROUTE 20)
FREEPORT BYPASS
SECTION/PROJECT ENDS
STA. 640 + 00.00

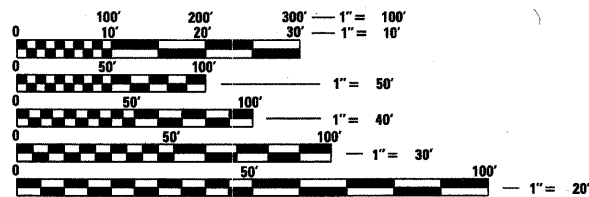
F.A.P. ROUTE 301 (US ROUTE 20)
FREEPORT BYPASS
IMPROVEMENT ENDS
STA. 644 + 00.00



BRIDGE OMISSION:
US ROUTE 20 OVER
THE PECATONICA RIVER
STA. 536 + 87.27 TO STA. 544 + 44.15
S.N. 089-0082

BRIDGE OMISSION:
US ROUTE 20 OVER
THE JANE ADDAMS TRAIL
STA. 569 + 17.27 TO STA. 570 + 61.77
S.N. 089-0083

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



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

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

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

CONTRACT NO. 64860
F.A.P. ROUTE 301 (US RTE. 20), SECTION 177-2-1, STEPHENSON COUNTY

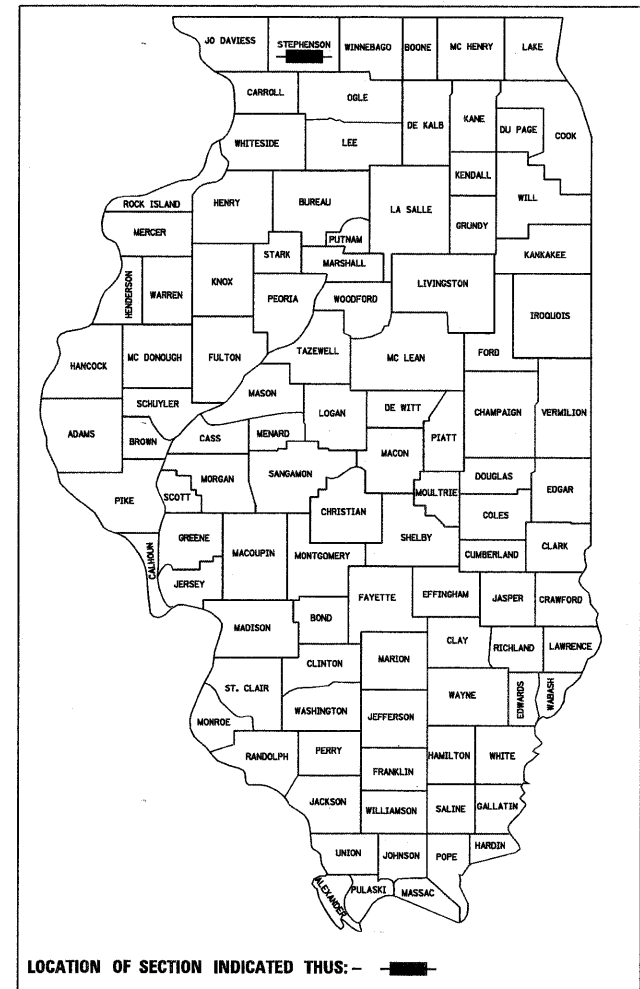
GROSS LENGTH = 17,389 FT. = 3.29 MILE
LENGTH OF OMISSIONS = 901 FT. = 0.17 MILE
NET LENGTH = 16,488 FT. = 3.12 MILE

**PARSONS
BRINCKERHOFF**

230 West Monroe St.
Suite 900
Chicago, IL 60606
(312) 782-8150

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	1

ILLINOIS CONTRACT NO. 64860
D-92-014-03
*211+2 = 213
*213+6 = 219



LOCATION OF SECTION INDICATED THIS: - [black rectangle] -



Jamal L. Grainawi
JAMAL GRAINAWI, S.E., P.E.
LICENSE NO.: 81-5161
EXPIRES: November 30, 2012
DATE: 12/2/2011



David V. Skaleski
DAVID V. SKALESKI, P.E.
LICENSE NO. 062-046611
EXPIRES: November 30, 2013
DATE: 12/2/11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED Dec. 14, 20 11
Eric J. Thibault
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
February 3 20 12
John D. Kramkowski, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT
February 3 20 12
William R. Fryer
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

Rev. 2-22-12
PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS
FINAL SUBMITTAL

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001006	DECIMAL OF AN INCH AND OF A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
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630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
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701306-03	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > OR = 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
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701406-06	LANE CLOSURE FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > OR = 45 MPH
701422-04	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
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780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606 (312) 783-8150

USER NAME = MMS	DESIGNED - MMS	REVISED -
	DRAWN - MMS	REVISED -
PLOT SCALE = 50.00 / IN.	CHECKED - RMH	REVISED -
PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS AND STATE STANDARDS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	2
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

A Rev. 2-22-12

GENERAL NOTES

1. (1) SEE CROSS SECTIONS FOR SPECIAL DITCHES AND BACKSLOPES.
2. (4) THE FINAL TOP 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' DEEP) OF SOIL PROFILES OF LOCAL SOILS.
3. (6) THE TOPSOIL EXCAVATION QUANTITIES HAVE BEEN ADJUSTED TO ALLOW FOR 25% SHRINKAGE OF TOPSOIL BETWEEN REMOVAL AND REPLACEMENT.
4. (6A) 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.
5. (7) 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.
6. (12B) 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.
7. (12C) PLACEMENT AND COMPACTION OF THE BACKFILL FOR PROPOSED ACROSS ROAD CULVERTS AND EXISTING ACROSS ROAD CULVERTS THAT ARE REMOVED SHALL CONFORM TO SECTION 502.10 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT THE MATERIAL SHALL CONFORM TO ARTICLE 208.02 OF THE STANDARD SPECIFICATIONS, AND SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD LABORATORY DENSITY. ANY MATERIAL CONFORMING TO THE REQUIREMENTS OF ARTICLE 1003.04 OR 1004.05 WHICH HAS BEEN EXCAVATED FROM THE TRENCHES SHALL BE USED FOR BACKFILLING THE TRENCHES. THE ENTIRE EXCAVATION, WITHIN 2 FEET OUTSIDE OF EACH SHOULDER, SHALL BE BACKFILLED WITH TRENCH BACKFILL MATERIAL TO THE BOTTOM OF THE PROPOSED SUBGRADE. IMPERVIOUS MATERIAL SHALL BE USED ON THE OUTER 3 FEET AT EACH END OF THE CULVERT. THIS TRENCH BACKFILL MATERIAL WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CLASS OF CONCRETE INVOLVED OR OTHER UNIT PRICE ITEM OF THE WORK FOR WHICH IT IS REQUIRED.
8. (13) THE SUBGRADE ON THIS PROJECT, EXCLUSIVE OF ROCK CUT AREAS IS SCHEDULED TO BE IMPROVED TO A 300 MM (12") DEPTH ACCORDING TO MECHANISTIC PAVEMENT DESIGN. THE AREAS SCHEDULED TO BE IMPROVED TO A DEPTH GREATER THAN 300 MM (12") ARE ESTIMATED BASED ON THE ORIGINAL GEOTECHNICAL INVESTIGATION. THE SUBGRADE SHALL BE PROCESSED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE THE ENGINEER SHALL DETERMINE THE LIMITS AND THE ADDITIONAL THICKNESS OF IMPROVEMENT REQUIRED, IF ANY. ANY ADDITIONAL UNDERCUTTING REQUIRED AFTER THIS EVALUATION SHALL BE PAID FOR AS EARTH EXCAVATION.
9. (15) 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.
10. (16) 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 75 μ m (#200 SIEVE). THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.
11. (18) WHEN LAYING OUT FOR PATCHING, THE MINIMUM DISTANCE BETWEEN NEW PATCHES (SAW CUT TO SAW CUT) SHALL BE 15 FEET. WHEN PATCH SPACING IS LESS THAN 15 FEET, THE PAVEMENT BETWEEN PATCHES SHALL ALSO BE REMOVED AND REPLACED.
12. (19) ALL MANDATORY JOINT SEALING FOR CLASS A, CLASS B, AND CLASS B (HINGE JOINTED) PATCHES AS SHOWN ON THE PLANS WILL NOT BE MEASURED FOR PAYMENT. OPTIONAL SAWING OF THE JOINT FOR THE SEALANT RESERVOIR WILL NOT BE MEASURED FOR PAYMENT.

FOR ALL CONCRETE PATCHING THAT WILL NOT BE RESURFACED, THE CONCRETE SHALL BE STRUCK OFF FLUSH WITH THE EXISTING PAVEMENT SURFACE AT EACH END OF THE PATCH.

THE ENGINEER RESERVES THE RIGHT TO CHECK ALL PATCHES FOR SMOOTHNESS BY THE USE OF A 10' ROLLING STRAIGHT EDGE SET TO A 3/16" TOLERANCE IN THE WHEEL PATHS. ANY PATCH AREAS HIGHER THAN 3/16" MUST BE GROUND SMOOTH WITH AN APPROVED GRINDING DEVICE CONSISTING OF MULTIPLE SAWS. THE USE OF BUSHHAMMER OR OTHER IMPACT DEVICES WILL NOT BE PERMITTED. ANY PATCH WITH DEPRESSIONS GREATER THAN 3/16" SHALL BE REPAIRED IN A MANNER APPROVED BY THE ENGINEER.

12. (19) CONT...
THE MANDATORY SAW CUTS FOR PAVEMENT PATCHING ARE:
CLASS A PATCH: CUT TWO TRANSVERSE SAW CUTS AT EACH END OF THE PATCH; ONE FULL DEPTH AND ONE PARTIAL DEPTH. THE LONGITUDINAL EDGES OF THE PATCH SHALL BE CUT FULL DEPTH. WHEN THE PATCH IS ADJACENT TO A PCC SHOULDER, TWO SAW CUTS ALONG THE SHOULDER WILL BE REQUIRED.
CLASS B PATCH: CUT TWO TRANSVERSE SAW CUTS OUTLINING THE PATCH AND ONE TRANSVERSE PRESSURE RELIEF SAW CUT. THE LONGITUDINAL EDGES OF THE PATCH SHALL BE CUT FULL DEPTH. WHEN THE PATCH IS ADJACENT TO A PCC SHOULDER, TWO SAW CUTS ALONG THE SHOULDER WILL BE REQUIRED.
THE MANDATORY SAW CUTS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SAW CUTS.
13. (25) THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURES TABLE

	SURFACE	TOP LIFT BINDER	MIDDLE LIFT BINDER	BOTTOM LIFT BINDER	TOP SHOULDER	BOTTOM SHOULDER	EB SHOULDERS
THICKNESS	2"	3"	4"	4.75"	2"	6"	3"
PG GRADE	SBS PG 70-28	SBS PG 70-28	PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 58-22
DESIGN AIR	4.0% @	4.0% @	4.0% @	4.0% @	3.0% @	2.0% @	3.0% @
VOIDS	N70	N70	N70	N70	N50	N50	N50
MIXTURE COMPOSITION	IL 9.5 OR 12.5	IL 19.0	IL 19.0	IL 19.0	IL 9.5 OR 12.5	BAM OR IL 19.0	IL 9.5 OR 12.5
FRICITION AGGREGATE	D	N/A	N/A	N/A	C	N/A	C
20 YEAR ESAL	5.1	5.1	5.1	5.1	N/A	N/A	N/A
MIX UNIT WEIGHT	112/LBS/SY/INCH						

14. (27) THE CONTRACTOR WILL BE REQUIRED TO FURNISH 5 1/2" HIGH BRASS STENCILS AS APPROVED BY THE ENGINEER AND INSTALL STATIONING AT 250' INTERVALS. STATIONING SHALL BE PLACED ON BOTH LANES OF 2 LANE HIGHWAYS AND ON THE OUTSIDE LANES IN BOTH DIRECTIONS ON 4-LANE HIGHWAYS. THE STATIONS SHALL BE PLACED 6" INSIDE THE PAVEMENT MARKING EDGE SO THEY CAN BE READ FROM THE SHOULDER. THIS WORK WILL BE INCLUDED IN THE COST OF THE FINAL PAVEMENT SURFACE.
15. (31) ON FULL DEPTH PAVEMENT, SHOULDER WIDTHS OF 6 FT. OR LESS MAY BE PLACED, AT THE CONTRACTOR'S OPTION, SIMULTANEOUSLY WITH THE ADJACENT TRAFFIC LANE FOR BOTH THE BINDER AND SURFACE COURSES, PROVIDED THE CROSS SLOPE OF BOTH THE PAVEMENT AND SHOULDER CAN BE SATISFACTORILY OBTAINED. THE SHOULDER WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED ON THE PLANS.
16. (32) INSTALL RUMBLE STRIPS IN ALL SHOULDERS IN ACCORDANCE WITH STATE STANDARD 642001. RUMBLE STRIPS SHALL BE PLACED ON SHOULDERS ON BOTH SIDES OF THE PAVEMENT.
17. (41) THE ADDITIONAL THICKNESS OF PROPOSED PAVEMENT REQUIRED TO MATCH THE BRIDGE APPROACH PAVEMENT, SHOWN IN STANDARD 420401, SHALL BE INCLUDED IN THE COST OF THE PROPOSED PAVEMENT AND NOT PAID FOR SEPARATELY.
18. (45) 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.
19. (46A) 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.
20. (75) 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 CA 16 SHALL BE USED IN LIEU OF FA 1 OR FA 2 FOR TRENCH BACKFILL. THE CA 16 SHALL BE ACCORDING TO ARTICLE 1004.05 AND ARTICLE 1004.01 OF THE STANDARD SPECIFICATIONS, EXCEPT IN THE TABLE, COURSE AGGREGATE GRADATION, THE PERCENT PASSING THE NO. 16 SIEVE SHALL BE 4 \pm 4%. THE TRENCH SHALL BE WRAPPED USING A FABRIC ENVELOPE MEETING THE REQUIREMENTS OF ARTICLE 1080.05 OF THE STANDARD SPECIFICATIONS. FABRIC ENCASING THE PIPE SHALL BE ELIMINATED.
21. (79) EMBANKMENT QUANTITIES FOR THE CONSTRUCTION OF THE TRAFFIC BARRIER TERMINALS AS SHOWN IN THE PLANS ARE INCLUDED IN QUANTITIES FOR EARTH EXCAVATION.

(XX) IDOT DISTRICT 2 GENERAL NOTES NUMBERING.

Rev. 2-22-12



USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	3
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS			FED. AID PROJECT P-92-014-03	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE		80% FEDERAL 20% STATE	
					0001	0008	0008	0008
					ROADWAY	US RTE 20 OVER PECA TONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL S.N. 089-0083	
	20200100	EARTH EXCAVATION	CU YD	24,838	24,819			
*	20200200	ROCK EXCAVATION	CU YD	11,260	11,260			
	20800150	TRENCH BACKFILL	CU YD	39	39			
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6,720	6,720			
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	12,665	12,665			
	25000210	SEEDING, CLASS 2A	ACRE	11.0	11.0			
	25000310	SEEDING, CLASS 4	ACRE	1.00	1.00			
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,077	1,077			
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1,077	1,077			
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1,077	1,077			
△	25000750	MOWING	ACRE	12.0	12.0			
	25100115	MULCH, METHOD 2	ACRE	8.5	8.5			
	25100630	EROSION CONTROL BLANKET	SQ YD	40,802	40,802			
	28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	427	427			
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,565	2,565			
	28000400	PERIMETER EROSION BARRIER	FOOT	5,127	5,127			
	28000500	INLET AND PIPE PROTECTION	EACH	15	15			
	28001000	AGGREGATE (EROSION CONTROL)	TON	61	61			
	28100107	STONE RIPRAP, CLASS A4	SQ YD	84	84			
	28200200	FILTER FABRIC	SQ YD	84	84			
	31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	72,050	72,050			
	31100935	SUBBASE GRANULAR MATERIAL, TYPE A 18"	SQ YD	3,500	3,500			
	31100965	SUBBASE GRANULAR MATERIAL, TYPE A 24"	SQ YD	2,750	2,750			
	31100975	SUBBASE GRANULAR MATERIAL, TYPE A 30"	SQ YD	6,000	6,000			
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	69.4	69.4			

80% FED./20% STATE
0008
SLOPE WALL AT
HARLEM CENTER RD.
S.N. 089-0044
19

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

PARSONS BRINCKERHOFF
280 West Monroe St., Suite 900
Chicago, IL 60606, (312) 782-8180

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 58.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 5
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE		80% FEDERAL 20% STATE			80% FED. / 20% STATE		
					0001	0008	0008	0008	0008	0008	0008	
					ROADWAY	US RTE 20 OVER PECAONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL S.N. 089-0083	SLOPE WALL AT HARLEM CTR. RD. SN 089-0044	US 20 OVER PECATONKA RIVER SN 089-0045	US 20 OVER JANE ADDAMS TRAIL SN 089-0055		
	40600895	CONSTRUCTING TEST STRIP	EACH	3	3							
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	9,970	9,970							
	40701956	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	SQ YD	43,393	43,393							
	40702700	FURNISH PROFILOGRAPH	L SUM	1	1							
	42001200	PAVEMENT FABRIC	SQ YD	275	275							
	42001500	PORTLAND CEMENT CONCRETE BRIDGE APPROACH	SQ YD	92							39	53
	44000100	PAVEMENT REMOVAL SHOULDER PAVEMENT	SQ YD	2,020	2,020							
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	36,181	36,181							
	44000300	CURB REMOVAL	FOOT	475	475							
	44004250	PAVED SHOULDER REMOVAL	SQ YD	2,902	2,902							
	44200541	CLASS A PATCHES, TYPE II, 9 INCH	SQ YD	83	83							
	44200545	CLASS A PATCHES, TYPE III, 9 INCH	SQ YD	60	60							
	44200547	CLASS A PATCHES, TYPE IV, 9 INCH	SQ YD	1,870	1,870							
	44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	248	248							
	44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	68	68							
	44200988	CLASS B PATCHES, TYPE IV, 11 INCH	SQ YD	207	207							
	44201299	DOWEL BARS 1 1/2"	EACH	760	760							
	44213000	PATCHING REINFORCEMENT	SQ YD	2,012	2,012							
	44213200	SAW CUTS	FOOT	4,226	4,226							
	44213204	TIE BARS 3/4"	EACH	737	737							
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	35,052	35,052							
	50104650	SLOPE WALL REMOVAL	SQ YD	315							315	
	50300225	CONCRETE STRUCTURES	CU YD	55.3			29.1	26.2				
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	258.4			125.6	132.8				
	50300260	BRIDGE DECK GROOVING	SQ YD	514			257	257				
	50300300	PROTECTIVE COAT	SQ YD	577			276	301				
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	68,620	2,010		32,730	33,880				
	51100100	SLOPE WALL 4 INCH	SQ YD	280							280	
	542A0229	PIPE CULVERTS, CLASS A, TYPE I, 24"	FOOT	130	130							

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

PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-6160

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PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 6
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL	80% FEDERAL	
					20% STATE	20% STATE	
					0001	0008	0008
					ROADWAY	US RTE 20 OVER PECATONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL SN. 089-0083
	542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	88	88		
	5421D024	PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)	FOOT	449	449		
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1		
	54215547	METAL END SECTIONS 12"	EACH	12	12		
	54244205	INLET BOX, STANDARD 542546	EACH	2	2		
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	51	51		
	60100080	FRENCH DRAINS	CU YD	39	39		
	60100945	PIPE DRAINS 12"	FOOT	418	418		
	60107600	PIPE UNDERDRAINS 4"	FOOT	23,053	23,053		
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	950	950		
	60240361	INLETS, TYPE B, WITH MEDIAN INLET (604101)	EACH	1	1		
	60600095	CLASS 51 CONCRETE (OUTLET)	CU YD	2	2		
	60900240	TYPE C INLET BOX, STANDARD 609006	EACH	3	3		
	60602500	CONCRETE GUTTER, TYPE A	FOOT	44.5	44.5		
	60900315	TYPE D INLET BOX, STANDARD 609006	EACH	9	9		
	60900515	CONCRETE THRUST BLOCKS	EACH	6	6		
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1037.5	1037.5		
*	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	3,062.5	3,062.5		
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	6		
*	63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	6	6		
*	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		
*	63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4	4		
	63200310	GUARDRAIL REMOVAL	FOOT	1,027	1,027		
	63301210	REMOVE AND REERECT STEEL PLATE BEAM	FOOT	1306	1306		
	63500105	DELINEATORS GUARD RAIL, TYPE A	EACH	80	80		
	64200116	SHOULDER RUMBLE STRIPS, 16"	FOOT	65,098	65,098		
	64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL B	EACH	2	2		
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12		
	66101150	HOT-MIX ASPHALT SHOULDER CURB	FOOT	40	40		
	67100100	MOBILIZATION	L SUM	1	1		
	70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	2	2		

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

PARSONS BRINCKERHOFF
 380 West Monroe St. Suite 900
 Chicago, IL 60606, (312) 782-8180

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 5/8" = 1' IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

Rev. 2-22-12

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	TO STA.	FROM STA.
NONE	3 OF 5 SHEETS		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	7
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE		80% FEDERAL 20% STATE	
					0001	0008	0008	0008
					ROADWAY	US RTE 20 OVER PECAONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL S.N. 089-0083	
	70100315	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1	1			
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	1			
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1			
	70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1			
	70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1			
	70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1			
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	90	90			
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	10	10			
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,642	5,642			△
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11,284	11,284			
	70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	292	292			
	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	120	120			
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4,034	4,034			△
*	72000100	SIGN PANEL - TYPE 1	SQ FT	3	3			
*	72000200	SIGN PANEL - TYPE 2	SQ FT	92	92			
*	72000300	SIGN PANEL - TYPE 3	SQ FT	1,334.75	1,334.75			
*	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	15,648.2	15,648.2			
*	73000100	WOOD SIGN SUPPORT	FOOT	120	120			
*	73400100	CONCRETE FOUNDATIONS	CU YD	28.5	28.5			
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	231	231			
*	78100300	REPLACEMENT REFLECTOR	EACH	217	217			△
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	32	32			
*	78200520	BARRIER WALL MARKERS, TYPE B	EACH	26	26			
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4			△

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

PARSONS BRINCKERHOFF
 280 West Monroe St. Suite 900
 Chicago, IL 60606 (312) 782-6150

USER NAME = MMS	DESIGNED - MMS	REVISED -
	DRAWN - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED - RMH	REVISED -
PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	8
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

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SPECIALTY ITEM	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE		80% FEDERAL 20% STATE		80% FED. / 20% STATE	
					0001	0008	0008	0008	0008	0008
					ROADWAY	US RTE 20 OVER PECATONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL S.N. 089-0083	US 20 OVER PECATONICA RIVER SNOB9-0045	US 20 OVER JANE ADDAMS TRAIL SN 089-0055	
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	19,557	19,557					
△	* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	470	470					
	X0322352	SEEDING MOBILIZATION	EACH	3	3					
△	* X0322674	STROBE LIGHT	EACH	2	2					
	X0322938	TEMPORARY END SECTION	EACH	1	1					
	X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	5	5					
	X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	444	444					
	X0325306	INLETS, TEMPORARY, TYPE A, WITH MEDIAN INLET (604101)	EACH	1	1					
	X2800300	TEMPORARY DITCH CHECKS (SPECIAL)	EACH	178	178					
	X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	747	747					
	X7240300	SIGN REMOVAL	EACH	1	1					
	* X7800605	URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	84	84					
	* X7800610	URETHANE PAVEMENT MARKING - LINE 4"	FOOT	74,730	74,730					
	* X7800630	URETHANE PAVEMENT MARKING - LINE 6"	FOOT	8,832	8,832					
	* X7800640	URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,889	1,889					
	* X7800650	URETHANE PAVEMENT MARKING - LINE 12"	FOOT	93	93					
	* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	70,641	70,641					
	* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	7,660	7,660					
	* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1,889	1,889					
	* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	93	93					
	Z0004552	APPROACH SLAB REMOVAL	SQ YD	92				39	53	
	Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	444	444					
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
	Z0034105	MATERIAL TRANSFER DEVICE	TON	6119	6119					
△	Z0014700	CULVERT TO BE CLEANED	EACH	8	8					
○	Z0076600	TRAINES	HOUR	1000	1000					
	Z0062456	TEMPORARY PAVEMENT	SQ YD	747	747					

80% FED. / 20% STATE
 0008 US 20 OVER PECATONICA RIVER SNOB9-0045
 0008 US 20 OVER JANE ADDAMS TRAIL SN 089-0055

△ NON-PARTICIPATING ITEM (100% STATE)
 • SPECIALTY ITEM
 @ 0042

PARSONS BRINCKERHOFF
 200 West Monroe St, Suite 900
 Chicago, IL 60606, (312) 783-8100

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 58.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES



SCALE: NONE SHEET NO. 5 OF 5 SHEETS STA. TO STA.

△ Rev. 2-22-12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	9
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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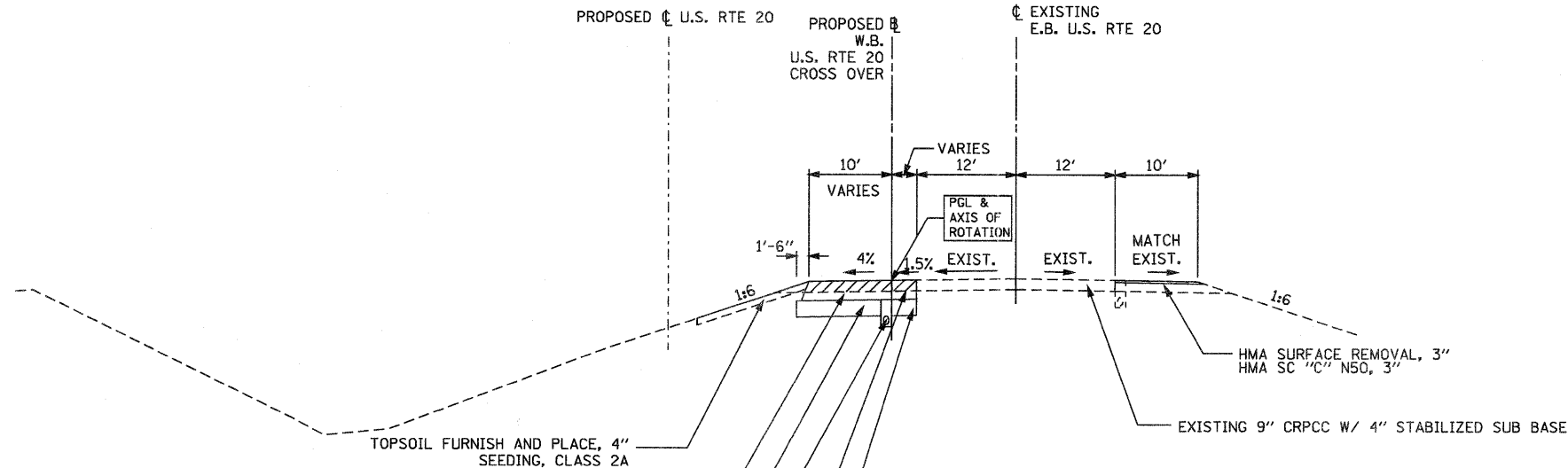
LEGEND:

-  PAVEMENT REMOVAL
-  SHOULDER REMOVAL

* SUB-BASE GRANULAR MATERIAL TYPE A	DEPTH
STA. 482+00 TO 485+00	24"
STA. 485+00 TO 491+00	18"
STA. 491+00 TO 503+00	30"
STA. 503+00 TO 504+00	18"
STA. 520+00 TO 521+50	24"

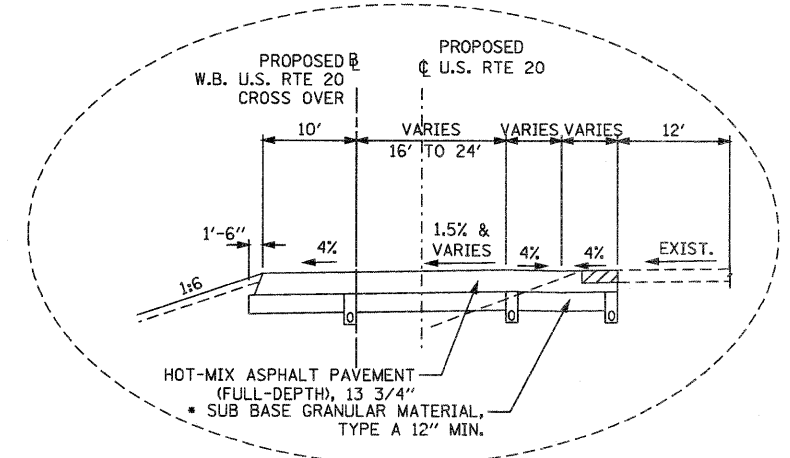
THE TABLE SHOWN ABOVE INDICATES WHERE SUBBASE IS GREATER THAN 12"

PROPOSED \bar{C} U.S. RTE 20
 PROPOSED W.B. U.S. RTE 20 CROSS OVER
 \bar{C} EXISTING E.B. U.S. RTE 20



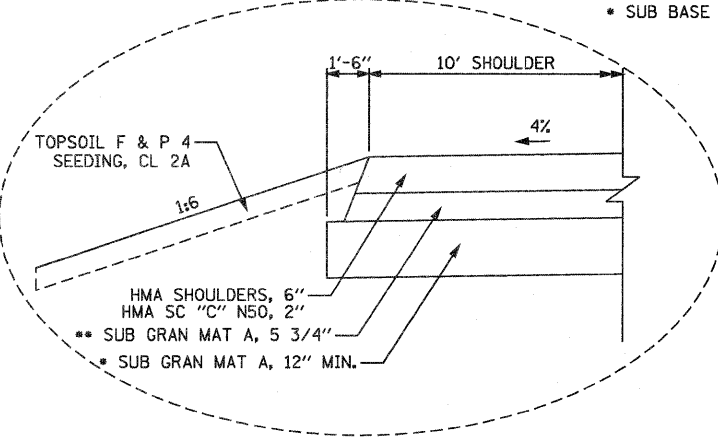
- SUB BASE GRANULAR MATERIAL, TYPE A 12" MIN.
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"
- PIPE UNDERDRAIN, 4"
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"
- SUB BASE GRANULAR MATERIAL, TYPE A 12" MIN.

U.S. ROUTE 20 MAINLINE TYPICAL SECTION
 NORMAL
 STA. 466+11.08 TO STA. 468+88.61 US 20
 STA. 66+07.35 TO STA. 68+83.54 US 20 CROSS OVER



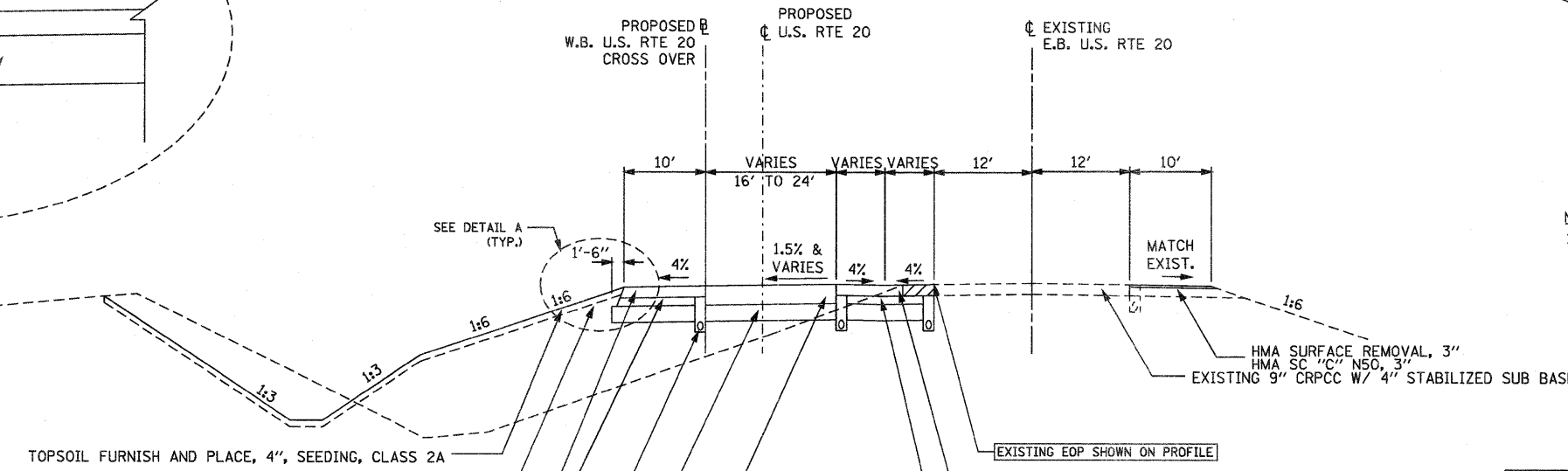
TYPICAL DETAIL
 STA. 468+88.61 TO STA. 471+38.61
 FROM STA. 68+83.44 TO STA. 71+32.83

NOTE:
 1. CA 06 OR 10 - (THE COST INCLUDED IN THE HMA SHOULDER)



DETAIL A

PROPOSED W.B. U.S. RTE 20 CROSS OVER
 PROPOSED \bar{C} U.S. RTE 20
 \bar{C} EXISTING E.B. U.S. RTE 20



- TOPSOIL FURNISH AND PLACE, 4", SEEDING, CLASS 2A
- SUITABLE FILL
- HMA SC "C" N50, 2", HOT-MIX ASPHALT SHOULDERS, 6"
- SUB BASE GRANULAR MATERIAL, TYPE A 5 3/4" (SEE NOTE 1)
- PIPE UNDERDRAIN, 4"
- SUB BASE GRANULAR MATERIAL, TYPE A 12" MIN.
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"

U.S. ROUTE 20 MAINLINE TYPICAL SECTION
 NORMAL
 STA. 468+88.61 TO STA. 472+67.58 US 20
 STA. 68+83.54 TO STA. 72+63.90 US 20 CROSS OVER

STRUCTURAL DESIGN INFORMATION (FLEXIBLE PAVEMENT)			
STRUCTURAL DESIGN TRAFFIC:	Year	2022	
PV = 7,180	SU = 430	MU =	1040
ROAD/STREET CLASSIFICATION:	Class	I	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 32%	S = 45%	M =	45%
TRAFFIC FACTOR:	TF =	1.11	
MINIMUM SOIL SUPPORT:	POOR		

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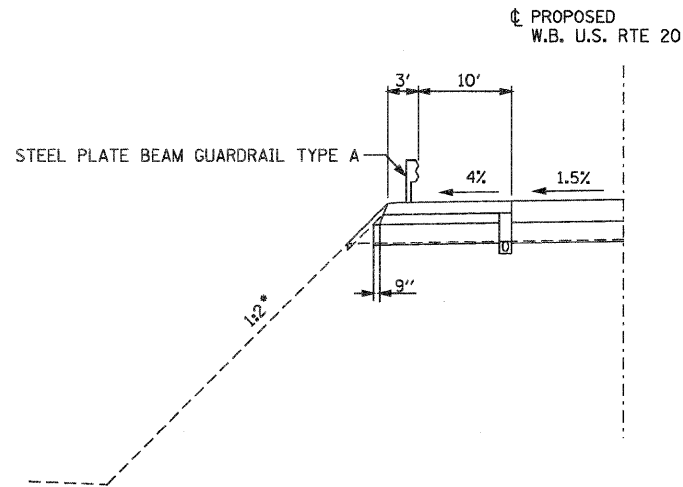
USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 1/8" = 1' IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

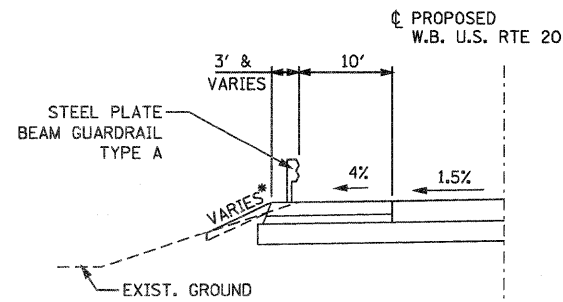
TYPICAL SECTIONS
 U.S. 20 MAINLINE
 SCALE: NONE SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 10
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

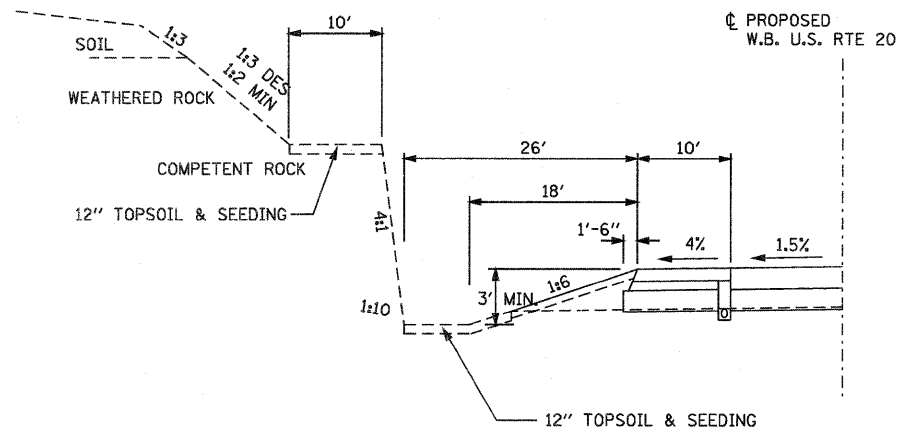


U.S. ROUTE 20 MAINLINE
TYPICAL HIGH FILL SECTION
(FILL HEIGHT > 30' AND USED TO MINIMIZE WETLAND IMPACTS)
STA. 544+38.73 TO STA. 578+62.43

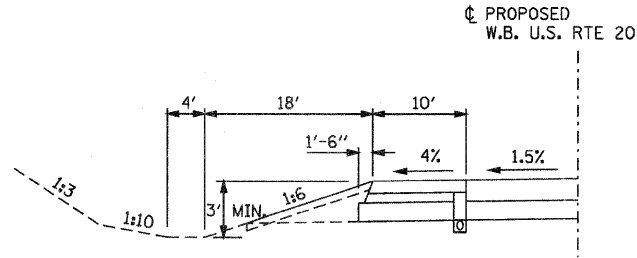


U.S. ROUTE 20 MAINLINE
TYPICAL SECTION WITH GUARDRAIL
STA. 504+61.34 TO STA. 509+51.34
STA. 516+80.41 TO STA. 520+45.41
STA. 596+26.41 TO STA. 600+41.31

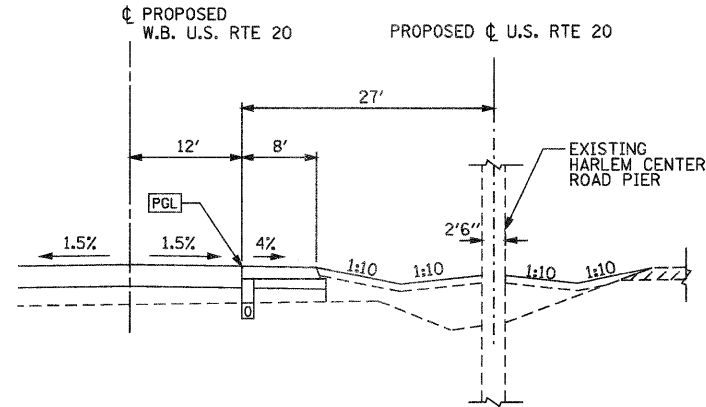
NOTE:
* FOR SLOPE STEEPER THAN 1:3, AND THE DISTANCE FROM BACK OF POST IS LESS THAN 24", 9' POSTS SHALL BE USED. (SEE HIGHWAY STANDARD 630001-10, SECTION A-A.)



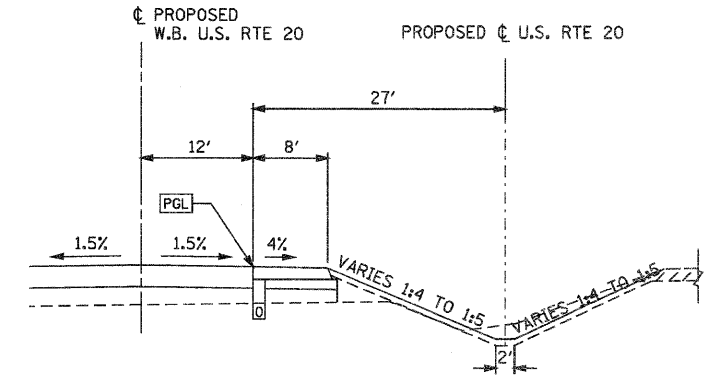
U.S. ROUTE 20 MAINLINE
TYPICAL ROCK CUT SECTION
STA. 634+00.00 TO STA. 638+00.00



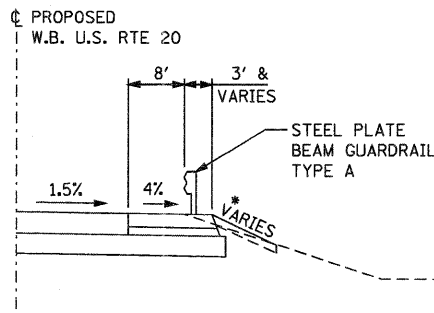
U.S. ROUTE 20 MAINLINE
CUT SECTION
STA. 478+00.00 TO STA. 502+00.00
STA. 507+00.00 TO STA. 512+00.00
STA. 519+00.00 TO STA. 530+00.00
STA. 604+00.00 TO STA. 634+00.00



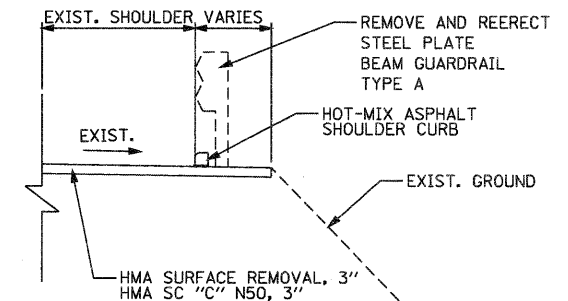
U.S. ROUTE 20 MAINLINE TYPICAL SECTION
SPECIAL DITCH AROUND HARLEM CENTER ROAD PIER
STA. 504+25 TO STA. 506+05



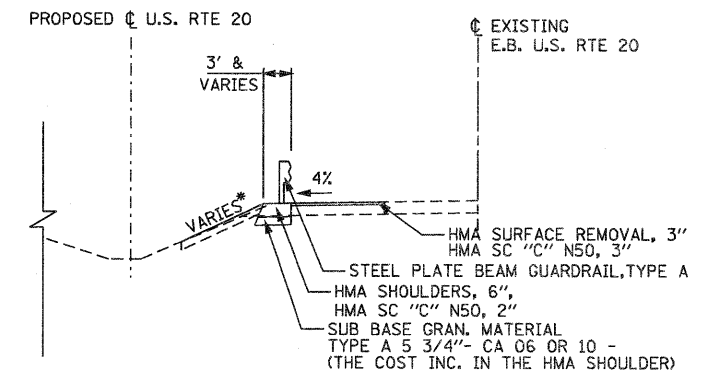
U.S. ROUTE 20 MAINLINE TYPICAL SECTION
SPECIAL DITCH AROUND HARLEM CENTER ROAD PIER
STA. 504+00 TO STA. 504+25
STA. 506+25 TO STA. 508+00



U.S. ROUTE 20 MAINLINE
TYPICAL SECTION WITH GUARDRAIL
STA. 505+21.89 TO STA. 509+11.89
STA. 544+61.25 TO STA. 549+08.72
STA. 570+77.75 TO STA. 575+31.55



U.S. ROUTE 20 EB MAINLINE
TYPICAL DETAIL FOR BITUMINOUS CURB
STA. 570+85 TO STA. 571+25



U.S. ROUTE 20 MAINLINE
TYPICAL SECTION WITH GUARDRAIL
STA. 502+02.60 TO STA. 505+02.60 (EB)

- 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.

T:\18184\CA\1\PAV_Plan\28PA1\typ05.dgn

PARSONS BRINCKERHOFF
280 West Monroe St., Suite 200
Chicago, IL 60606, (312) 783-8160

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 10.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
U.S. 20 MAINLINE

SCALE: NONE SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	14
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 7-22-12

28000250		TEMPORARY EROSION CONTROL SEEDING				POUND	2,565
STATION	TO	STATION	AREA SQ FT	AREA ACRE	RATE POUND/ACRE	NUMBER OF APPLICATIONS	QUANTITY POUND
467+00.00		476+34.13	13,405	0.31	100	2	62
630+91.90		639+00.00	14,195	0.33	100	2	65
466+07.36		477+00.00	46,679	1.07	100	2	214
477+00.00		480+00.00	4,328	0.10	100	2	20
480+00.00		495+00.00	23,304	0.53	100	2	107
495+00.00		510+00.00	24,592	0.56	100	2	113
510+00.00		525+00.00	15,721	0.36	100	2	72
525+00.00		536+69.06	15,355	0.35	100	2	71
544+23.16		555+00.00	4,362	0.10	100	2	20
555+00.00		569+11.19	6,058	0.14	100	2	28
570+55.08		585+00.00	11,299	0.26	100	2	52
585+00.00		600+00.00	18,980	0.44	100	2	87
600+00.00		615+00.00	19,966	0.46	100	2	92
615+00.00		630+00.00	18,063	0.41	100	2	83
630+00.00		640+00.00	30,576	0.70	100	2	140
471+31.55		477+00.00	11,441	0.26	100	2	53
477+00.00		480+00.00	3,000	0.07	100	2	14
480+00.00		495+00.00	17,768	0.41	100	2	82
495+00.00		510+00.00	25,288	0.58	100	2	116
510+00.00		525+00.00	17,848	0.41	100	2	82
525+00.00		536+97.10	15,911	0.37	100	2	73
544+49.17		555+00.00	8,678	0.20	100	2	40
555+00.00		569+20.62	18,515	0.43	100	2	85
570+63.24		585+00.00	17,616	0.40	100	2	81
585+00.00		600+00.00	24,060	0.55	100	2	110
600+00.00		615+00.00	21,961	0.50	100	2	101
615+00.00		630+00.00	23,608	0.54	100	2	108
630+00.00		640+00.00	35,337	0.81	100	2	162
ADDITIONAL QUANTITY FOR CONTRACTOR BORROW/WASTE/USE SITES.							233
TOTAL							2,565

28000400		PERIMETER EROSION BARRIER				FOOT	5,127
BEGIN STATION	OFFSET	LT/RT	END STATION	OFFSET	LT/RT	QUANTITY	
531+06	75	LT	536+67	72	LT	573	
544+31	73	LT	555+00	70	LT	1,075	
555+00	70	LT	569+05	71	LT	1,410	
582+55	71	LT	585+00	71	LT	251	
585+00	71	LT	598+22	74	LT	1,352	
ADDITIONAL QUANTITY FOR CONTRACTOR BORROW/WASTE/USE SITES.						466	
TOTAL						5,127	

28000500		INLET AND PIPE PROTECTION		EACH	15
STATION	OFFSET	LT/RT			QUANTITY
492+90	0	CL			1
504+40	84	LT			1
528+00	0	CL			1
536+46	51	LT			1
536+67	31	LT			1
544+51	51	LT			1
544+72	31	LT			1
552+00	0	CL			1
568+85	51	LT			1
568+92	31	LT			1
572+00	0	CL			1
598+25	0	CL			1
601+50	0	CL			1
629+90	115	LT			1
641+00	12.75	LT			1
TOTAL					15

28001000		AGGREGATE (EROSION CONTROL)				TON	61
STATION	OFFSET	LT/RT	DESCRIPTION	HEIGHT FT	WIDTH FT	CU YD	QUANTITY TON
466+40	34	LT	TEMP SEDIMENT BASIN OUTLET	2	8	5	8
503+30	88	LT	TEMP SEDIMENT BASIN OUTLET	2	8	5	8
531+20	84	LT	TEMP SEDIMENT BASIN OUTLET	2	8	5	8
552+10	80	LT	TEMP SEDIMENT BASIN OUTLET	2	4	2	4
591+70	0	CL	TEMP SEDIMENT BASIN OUTLET	2	4	2	4
597+10	105	LT	TEMP SEDIMENT BASIN OUTLET	2	8	5	8
597+90	0	CL	TEMP SEDIMENT BASIN OUTLET	2	4	2	4
620+00	96	LT	TEMP SEDIMENT BASIN OUTLET	2	8	5	8
639+70	82	LT	TEMP SEDIMENT BASIN OUTLET	2	8	5	8
639+70	0	CL	TEMP SEDIMENT BASIN OUTLET	2	4	2	4
TOTAL							61

28100107		STONE RIPRAP, CLASS A4		SQ YD	84
STATION	TO	STATION	WIDTH FT	AREA SQ FT	QUANTITY SQ YD
506+05.50		506+25.50	6	120	13
529+33.00		529+65.00	20	640	71
TOTAL					84

28200200		FILTER FABRIC		SQ YD	84
STATION	TO	STATION	WIDTH FT	AREA SQ FT	QUANTITY SQ YD
506+05.50		506+25.50	6	120	13
529+33.00		529+65.00	20	640	71
TOTAL					84

31100910		SUBBASE GRANULAR MATERIAL, TYPE A 12"			SQ YD	72,050
STATION	WIDTH FT	TO	STATION	WIDTH FT	DESCRIPTION	QUANTITY SQ YD
66+07.36	23.5		71+32.83	60.0	WB FULL WIDTH	2,438
71+32.83	38.6		72+63.90	45.0	WB FULL WIDTH	609
72+63.90	45.0		77+00.00	45.0	WB FULL WIDTH	2,181
477+00.00	45.0		482+00.00	45.0	WB FULL WIDTH	2,500
504+00.00	45.0		505+00.00	45.0	WB FULL WIDTH	500
505+00.00	45.0		519+00.00	45.0	WB FULL WIDTH	7,000
521+50.00	45.0		522+00.00	45.0	WB FULL WIDTH	250
522+00.00	45.0		536+60.71	45.0	WB FULL WIDTH	7,304
528+65.87	0.0		528+84.02	37.0	MAINTENANCE CROSS OVER	37
528+84.02	37.0		529+15.98	37.0	MAINTENANCE CROSS OVER	131
529+15.98	37.0		529+34.12	0.0	MAINTENANCE CROSS OVER	37
544+56.78	45.0		568+87.85	45.0	WB FULL WIDTH	12,155
570+86.59	45.0		640+00.00	45.0	WB FULL WIDTH	34,567
629+00.00	11.5		629+50.00	11.5	EB FULL WIDTH	64
629+50.00	11.5		633+93.41	11.5	EB FULL WIDTH	567
SUBBASE GRANULAR MATERIAL BEHIND GUARDRAIL						
504+61.34	3.0		508+78.84	3	WB OUTSIDE GUARDRAIL	139
508+78.84	3.0		509+03.84	10	WB OUTSIDE GUARDRAIL	18

SUBBASE GRANULAR MATERIAL, TYPE A 12" CONTINUED ON NEXT SHEET

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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 16 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 17
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

SUBBASE GRANULAR MATERIAL, TYPE A 12" CONT..

31100910		SUBBASE GRANULAR MATERIAL, TYPE A 12"			SQ YD	72,050
STATION	WIDTH	TO	STATION	WIDTH	DESCRIPTION	QUANTITY
	FT			FT		SQ YD
509+03.84	10.0		509+28.84	10	WB OUTSIDE GUARDRAIL	28
509+28.84	10.0		509+51.34	0	WB OUTSIDE GUARDRAIL	13
536+30.43	3.0		536+57.59	3	WB OUTSIDE GR TERMINAL AT BRIDGE	9
544+38.73	3.0		568+96.68	3	WB OUTSIDE GUARDRAIL	819
570+71.18	3.0		577+89.93	3	WB OUTSIDE GUARDRAIL	240
577+89.93	3.0		578+14.93	10	WB OUTSIDE GUARDRAIL	18
578+14.93	10.0		578+39.93	10	WB OUTSIDE GUARDRAIL	28
578+39.93	10.0		578+62.43	0	WB OUTSIDE GUARDRAIL	13
536+51.59	3.0		536+78.76	3	WB INSIDE GR TERMINAL AT BRIDGE	9
544+61.25	3.0		548+36.23	3	WB INSIDE GUARDRAIL	125
548+36.23	3.0		548+61.15	10	WB INSIDE GUARDRAIL	18
548+61.15	10.0		548+86.15	10	WB INSIDE GUARDRAIL	28
548+86.15	10.0		549+08.73	0	WB INSIDE GUARDRAIL	13
568+76.08	3.0		569+03.25	3	WB INSIDE GR TERMINAL AT BRIDGE	9
570+77.75	3.0		574+59.05	3	WB INSIDE GUARDRAIL	127
574+59.05	3.0		574+84.05	10	WB INSIDE GUARDRAIL	18
574+84.05	10.0		575+09.05	10	WB INSIDE GUARDRAIL	28
575+09.05	10.0		575+31.54	0	WB INSIDE GUARDRAIL	12
TOTAL						72,050

31100935		SUBBASE GRANULAR MATERIAL, TYPE A 18"			SQ YD	3,500
STATION	WIDTH	TO	STATION	WIDTH	DESCRIPTION	QUANTITY
	FT			FT		SQ YD
485+00.00	45.0		491+00.00	45.0	WB FULL WIDTH	3,000
503+00.00	45.0		504+00.00	45.0	WB FULL WIDTH	500
TOTAL						3,500

31100965		SUBBASE GRANULAR MATERIAL, TYPE A 24"			SQ YD	2,750
STATION	WIDTH	TO	STATION	WIDTH	DESCRIPTION	QUANTITY
	FT			FT		SQ YD
482+00.00	45.0		483+00.00	45.0	WB FULL WIDTH	500
483+00.00	45.0		485+00.00	45.0	WB FULL WIDTH	1,000
519+00.00	45.0		520+00.00	45.0	WB FULL WIDTH	500
520+00.00	45.0		521+50.00	45.0	WB FULL WIDTH	750
TOTAL						2,750

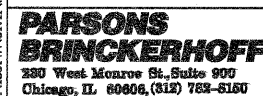
31100975		SUBBASE GRANULAR MATERIAL, TYPE A 30"			SQ YD	6,000
STATION	WIDTH	TO	STATION	WIDTH	DESCRIPTION	QUANTITY
	FT			FT		SQ YD
491+00.00	45.0		492+00.00	45.0	WB FULL WIDTH	500
492+00.00	45.0		503+00.00	45.0	WB FULL WIDTH	5,500
TOTAL						6,000

40600200		BITUMINOUS MATERIALS (PRIME COAT)					TON	69.4
STATION	WIDTH	TO	STATION	WIDTH	RATE	COATS	DESCRIPTION	QUANTITY
	FT			FT	TON/SQ YD			TON
66+07.36	10.0		69+00.00	21.3	0.000286	4	TRAVEL LANES	0.6
69+00.00	11.3		71+32.83	36.7	0.000286	4	TRAVEL LANES	0.7
71+32.83	19.3		72+63.90	24.0	0.000286	4	GORE	0.4
72+63.90	24.0		77+00.00	24.0	0.000286	4	TRAVEL LANES	1.3
477+00.00	24.0		536+57.58	24.0	0.000286	4	TRAVEL LANES	18.2
544+61.99	24.0		568+86.87	24.0	0.000286	4	TRAVEL LANES	7.4
570+88.23	24.0		640+00.00	24.0	0.000286	4	TRAVEL LANES	21.1
69+00.00	10.0		77+00.00	10.0	0.000286	1	WB OUTSIDE SHOULDER	0.3
477+00.00	10.0		536+45.09	10.0	0.000286	1	WB OUTSIDE SHOULDER	1.9
544+56.78	10.0		568+82.92	10.0	0.000286	1	WB OUTSIDE SHOULDER	0.8
570+86.59	10.0		640+00.00	10.0	0.000286	1	WB OUTSIDE SHOULDER	2.2
71+32.83	8.0		77+00.00	8	0.000286	1	WB INSIDE SHOULDER	0.1
477+00.00	8.0		535+91.59	8	0.000286	1	WB INSIDE SHOULDER	1.5
528+65.87	0.0		528+84.02	37	0.000286	1	MAINTENANCE CROSS OVER	0.01
528+84.02	37		529+15.98	37	0.000286	1	MAINTENANCE CROSS OVER	0.04
529+15.98	37		529+34.12	0	0.000286	1	MAINTENANCE CROSS OVER	0.01
535+91.59	8.0		536+60.71	6	0.000286	1	WB INSIDE SHOULDER	0.02
544+74.48	6.0		545+17.50	6	0.000286	1	WB INSIDE SHOULDER	0.01
545+17.50	6.0		545+77.50	8	0.000286	1	WB INSIDE SHOULDER	0.01
545+77.50	8.0		568+16.08	8	0.000286	1	WB INSIDE SHOULDER	0.6
568+16.08	8.0		568+87.85	6	0.000286	1	WB INSIDE SHOULDER	0.02
570+92.17	6.0		571+34.00	6	0.000286	1	WB INSIDE SHOULDER	0.01
571+34.00	6.0		571+94.00	8	0.000286	1	WB INSIDE SHOULDER	0.01
571+94.00	8.0		640+00.00	8	0.000286	1	WB INSIDE SHOULDER	1.7
629+50.00	10.0		633+93.41	10.0	0.000286	1	EB INSIDE SHOULDER	0.1
MILL OUT 3" & OVERLAY 3" EXISTING SHOULDERS WITHIN PROJECT LIMITS								
471+38.61	10.0		536+93.64	10.0	0.000286	1	EB INSIDE SHOULDER	2.1
544+72.34	10.0		569+15.41	10.0	0.000286	1	EB INSIDE SHOULDER	0.8
570+80.85	10.0		629+00.00	10.0	0.000286	1	EB INSIDE SHOULDER	1.8
633+93.41	10.0		640+00.00	10.0	0.000286	1	EB INSIDE SHOULDER	0.2
463+36.08	10.0		537+15.69	10.0	0.000286	1	EB OUTSIDE SHOULDER	2.3
544+84.78	10.0		569+29.15	10.0	0.000286	1	EB OUTSIDE SHOULDER	0.8
570+85.00	10.0		640+00.00	10.0	0.000286	1	EB OUTSIDE SHOULDER	2.2
640+00.00	8.0		644+00.00	8.0	0.000286	1	WB INSIDE SHOULDER	0.1
EXISTING WB SHOULDER, 500 SQ YD					0.000286	1	EXISTING WB SHOULDER	0.1
TOTAL								69.4

40603310		HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50					TON	9,970	
STATION	WIDTH	TO	STATION	WIDTH	DEPTH	LT/RT	DENSITY	DESCRIPTION	QUANTITY
	FT			FT	IN		LB/SY*IN		TON
69+00.00	10.0		77+00.00	10	2	LT	112	WB OUTSIDE SHOULDER	99.6
477+00.00	10.0		536+45.09	10	2	LT	112	WB OUTSIDE SHOULDER	739.8
544+56.78	10.0		568+82.92	10	2	LT	112	WB OUTSIDE SHOULDER	301.9
570+86.59	10.0		640+00.00	10	2	LT	112	WB OUTSIDE SHOULDER	860.3
71+32.83	8.0		77+00.00	8	2	LT	112	WB INSIDE SHOULDER	56.5
477+00.00	8.0		535+91.59	8	2	LT	112	WB INSIDE SHOULDER	586.5
528+65.87	0.0		528+84.02	37	2	CT	112	MAINTENANCE CROSS OVER	4.2
528+84.02	37		529+15.98	37	2	CT	112	MAINTENANCE CROSS OVER	14.7
529+15.98	37		529+34.12	0	2	CT	112	MAINTENANCE CROSS OVER	4.2
535+91.59	8.0		536+60.71	6	2	LT	112	WB INSIDE SHOULDER	6.0
544+74.48	6.0		545+17.50	6	2	LT	112	WB INSIDE SHOULDER	3.2
545+17.50	6.0		545+77.50	8	2	LT	112	WB INSIDE SHOULDER	5.2
545+77.50	8.0		568+16.08	8	2	LT	112	WB INSIDE SHOULDER	222.9

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 CONTINUED ON NEXT SHEET

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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 4 OF 16 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 18
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 CONT.

40603310		HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50					TON		9,970	
STATION	WIDTH	TO	STATION	WIDTH	DEPTH	LT/RT	DENSITY	DESCRIPTION	QUANTITY	
	FT			FT	IN		LB/SY*IN		TON	
568+16.08	8.0		568+87.85	6	2	LT	112	WB INSIDE SHOULDER	6.3	
570+92.17	6.0		571+34.00	6	2	LT	112	WB INSIDE SHOULDER	3.1	
571+34.00	6.0		571+94.00	8	2	LT	112	WB INSIDE SHOULDER	5.2	
571+94.00	8.0		640+00.00	8	2	LT	112	WB INSIDE SHOULDER	677.6	
629+00.00	10.0		633+93.41	10	2	LT	112	EB INSIDE SHOULDER	61.4	
HOT-MIX ASPHALT SURFACE COURSE BEHIND GUARDRAIL										
504+61.34	3.0		508+78.84	3	2	LT	112	WB OUTSIDE GUARDRAIL	15.6	
508+78.84	3.0		509+03.84	10	2	LT	112	WB OUTSIDE GUARDRAIL	2.0	
509+03.84	10.0		509+28.84	10	2	LT	112	WB OUTSIDE GUARDRAIL	3.1	
509+28.84	10.0		509+51.34	0	2	LT	112	WB OUTSIDE GUARDRAIL	1.4	
536+30.43	3.0		536+57.59	3	2	LT	112	WB OUTSIDE GR TERM. AT BRIDGE	1.0	
544+38.73	3.0		568+96.68	3	2	LT	112	WB OUTSIDE GUARDRAIL	91.8	
570+71.18	3.0		577+89.93	3	2	LT	112	WB OUTSIDE GUARDRAIL	26.8	
577+89.93	3.0		578+14.93	10	2	LT	112	WB OUTSIDE GUARDRAIL	2.0	
578+14.93	10.0		578+39.93	10	2	LT	112	WB OUTSIDE GUARDRAIL	3.1	
578+39.93	10.0		578+62.43	0	2	LT	112	WB OUTSIDE GUARDRAIL	1.4	
536+51.59	3.0		536+78.76	3	2	LT	112	WB INSIDE GR TERM. AT BRIDGE	1.0	
544+61.25	3.0		548+36.23	3	2	LT	112	WB INSIDE GUARDRAIL	14.0	
548+36.23	3.0		548+61.15	10	2	LT	112	WB INSIDE GUARDRAIL	2.0	
548+61.15	10.0		548+86.15	10	2	LT	112	WB INSIDE GUARDRAIL	3.1	
548+86.15	10.0		549+08.73	0	2	LT	112	WB INSIDE GUARDRAIL	1.4	
568+76.08	3.0		569+03.25	3	2	LT	112	WB INSIDE GR TERM. AT BRIDGE	1.0	
570+77.75	3.0		574+59.05	3	2	LT	112	WB INSIDE GUARDRAIL	14.2	
574+59.05	3.0		574+84.05	10	2	LT	112	WB INSIDE GUARDRAIL	2.0	
574+84.05	10.0		575+09.05	10	2	LT	112	WB INSIDE GUARDRAIL	3.1	
575+09.05	10.0		575+31.54	0	2	LT	112	WB INSIDE GUARDRAIL	1.4	
MILL OUT 3" & OVERLAY 3" EXISTING SHOULDERS WITHIN PROJECT LIMITS										
471+38.61	10.0		536+93.64	10.0	3	RT	112	EB INSIDE SHOULDER	1,223.6	
544+72.34	10.0		569+15.41	10.0	3	RT	112	EB INSIDE SHOULDER	456.0	
570+80.85	10.0		629+00.00	10.0	3	RT	112	EB INSIDE SHOULDER	1,086.2	
633+93.41	10.0		640+00.00	10.0	3	RT	112	EB INSIDE SHOULDER	113.2	
463+36.08	10.0		537+15.69	10.0	3	RT	112	EB OUTSIDE SHOULDER	1,377.5	
544+84.78	10.0		569+29.15	10.0	3	RT	112	EB OUTSIDE SHOULDER	456.3	
570+85.00	10.0		640+00.00	10.0	3	RT	112	EB OUTSIDE SHOULDER	1,290.8	
640+00.00	8.0		644+00.00	8.0	3	RT	112	WB INSIDE SHOULDER	59.7	
EXISTING WB SHOULDER, 500 SQ YD									56.0	
TOTAL									9,970	

40701956		HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"					SQ YD		43,393	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY			
	FT			FT			SQ YD			
66+07.36	10.0		69+00.00	21.3	CT	TRAVEL LANES	509			
69+00.00	11.3		71+32.83	36.7	CT	TRAVEL LANES	621			
71+32.83	19.3		72+63.90	24.0	RT	TRAVEL LANES	315			
72+63.90	24.0		77+00.00	24.0	CT	TRAVEL LANES	1,163			
477+00.00	24.0		536+57.58	24.0	CT	TRAVEL LANES	15,887			
544+61.99	24.0		568+86.87	24.0	CT	TRAVEL LANES	6,466			
570+88.23	24.0		640+00.00	24.0	CT	TRAVEL LANES	18,431			
TOTAL									43,393	

44000100		PAVEMENT REMOVAL					SQ YD		2,020	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY			
	FT			FT			SQ YD			
629+00.00	0.0		632+40.79	18.5	CT	XO TRAVEL LANE	350			
632+40.79	16.3		636+26.35	19.5	CT	XO TRAVEL LANE	767			
636+26.35	19.5		640+00.00	24.0	CT	XO TRAVEL LANE	903			
TOTAL									2,020	

44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"					SQ YD		36,181	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY			
	FT			FT			SQ YD			
471+38.60	10.0		536+93.64	10.0	RT	EB INSIDE SHOULDER	7,283			
544+72.34	10.0		569+15.11	10.0	RT	EB INSIDE SHOULDER	2,714			
570+80.85	10.0		629+00.00	10.0	RT	EB INSIDE SHOULDER	6,466			
633+93.41	10.0		640+00.00	10.0	RT	EB INSIDE SHOULDER	674			
463+36.08	10.0		537+15.63	10.0	RT	EB OUTSIDE SHOULDER	8,199			
544+84.78	10.0		569+29.15	10.0	RT	EB OUTSIDE SHOULDER	2,716			
570+85.00	10.0		640+00.00	10.0	RT	EB OUTSIDE SHOULDER	7,683			
640+00.00	10.0		644+00.00	10.0	LT	WB INSIDE SHOULDER	444			
TOTAL									36,181	

44004250		PAVED SHOULDER REMOVAL					SQ YD		2,902	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY			
	FT			FT			SQ YD			
466+11.08	10.0		471+38.60	10.0	LT	EB INSIDE	586			
629+00.00	10.0		640+00.00	10.0	LT	XO OUTSIDE	1,247			
632+40.79	2.0		633+93.41	15.9	RT	XO INSIDE	152			
633+93.41	6.0		640+00.00	6.0	RT	XO INSIDE	418			
EXISTING WB SHOULDER, 500 SQ YD									500	
TOTAL									2,902	

44000300		CURB REMOVAL					FOOT		475	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY			
	FT			FT			FOOT			
570+52.58	10.0		575+27.58	10.0	LT	EB INSIDE	475			
TOTAL									475	

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USER NAME = MMS	DESIGNED - MMS	REVISED -
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PLOT DATE = 9/26/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 5 OF 16 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 19
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

542A0229		PIPE CULVERTS, CLASS A, TYPE 1 24"			FOOT	130	
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	DESCRIPTION	QUANTITY
							FOOT
504+50.00	5.0		505+80.00	5.0	LT		130
TOTAL							130

542A1069		PIPE CULVERTS, CLASS A, TYPE 2 24"			FOOT	88	
STATION	TO	STATION				QUANTITY	
						FT	
529+40.00						88	
TOTAL							88

5421D024		PIPE CULVERTS, CLASS D, TYPE 1 24" (TEMPORARY)			FOOT	449	
BEGIN STATION	OFFSET	INVERT	END STATION	OFFSET	INVERT	QUANTITY	
						FOOT	
475+85.00	0.0	836.26	476+15.00	0.0	835.85	30	
530+35.00	0.0	767.52	530+65.00	0.0	766.53	30	
546+60.00	0.0	766.48	546+90.00	0.0	766.20	30	
595+35.00	0.0	768.09	595+65.00	0.0	767.94	30	
627+85.00	0.0	787.64	628+15.00	0.0	788.23	30	
640+00.00	5.0 LT	790.12	643+00.00	6.0' RT	787.84	299	
TOTAL							449

54213669		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"			EACH	1	
STATION	TO	STATION				QUANTITY	
529+40.00						1	
TOTAL							1

54215547		METAL END SECTIONS 12"			EACH	12	
STATION	OFFSET	LT/RT	INVERT	DECRPTION	QUANTITY		
						EACH	
536+45.78	127.67	LT	756.26	BRIDGE APPROACH	1		
536+66.95	2.77	LT	771.32	BRIDGE APPROACH	1		
544+50.54	93.62	LT	758.84	BRIDGE APPROACH	1		
544+73.06	3.18	LT	769.58	BRIDGE APPROACH	1		
568+84.87	129.83	LT	757.61	BRIDGE APPROACH	1		
568+91.44	2.45	LT	788.54	BRIDGE APPROACH	1		
544+86.42	7.81	RT	769.58	BRIDGE APPROACH	1		
545+05.58	71.15	RT	760.27	BRIDGE APPROACH	1		
569+21.90	128.24	RT	761.71	BRIDGE APPROACH	1		
569+17.68	6.54	RT	788.48	BRIDGE APPROACH	1		
570+82.88	120.39	RT	767.06	BRIDGE APPROACH	1		
570+78.59	4.71	RT	790.36	BRIDGE APPROACH	1		
TOTAL							12

54246205		INLET BOX, STANDARD 542526			EACH	2	
STATION		DESCRIPTION			QUANTITY		
504+50.00		MEDIAN			1		
505+80.00		MEDIAN			1		
TOTAL							2

60100080		FRENCH DRAINS					CU YD	39	
BEGIN STATION	END STATION	FROM OFFSET	TO OFFSET	LT/RT	WIDTH (FT)	DEPTH (IN)	PAY LENGTH (FT)	QUANTITY CY YD	
483+47	483+50	62.5	70.0	LT	3	24	7.5	1.7	
483+47	483+50	17.5	10.3	LT	3	24	7.2	1.6	
484+97	485+00	62.5	70.2	LT	3	24	7.7	1.7	
484+97	485+00	17.5	10.5	LT	3	24	7.0	1.6	
485+97	486+00	62.5	70.2	LT	3	18	7.7	1.3	
485+97	486+00	17.5	10.5	LT	3	18	7.0	1.2	
488+47	488+50	62.5	70.5	LT	3	18	8.0	1.3	
488+47	488+50	17.5	10.4	LT	3	18	7.1	1.2	
490+97	491+00	62.5	70.0	LT	3	18	7.5	1.3	
490+97	491+00	17.5	10.9	LT	3	18	6.6	1.1	
492+97	493+00	62.5	70.0	LT	3	30	7.5	2.1	
492+97	493+00	17.5	10.1	LT	3	30	7.4	2.0	
495+47	495+50	62.5	69.6	LT	3	30	7.1	2.0	
495+47	495+50	17.5	12.0	LT	3	30	5.5	1.5	
497+97	498+00	62.5	70.1	LT	3	30	7.6	2.1	
497+97	498+00	17.5	11.8	LT	3	30	5.7	1.6	
500+47	500+50	62.5	69.5	LT	3	30	7.0	1.9	
500+47	500+50	17.5	10.3	LT	3	30	7.2	2.0	
502+97	503+00	62.5	70.0	LT	3	30	7.5	2.1	
502+97	503+00	17.5	9.5	LT	3	30	8.0	2.2	
503+97	504+00	62.5	70.0	LT	3	18	7.5	1.3	
503+97	504+00	17.5	11.8	LT	3	18	5.7	1.0	
521+47	521+50	62.5	70.0	LT	3	24	7.5	1.7	
521+47	521+50	17.5	11.8	LT	3	24	5.7	1.3	
TOTAL									39

60100945		PIPE DRAINS 12"			FOOT	418
STATION	LT/RT	US INVERT	DS INVERT	DECRPTION	QUANTITY	
						FOOT
536+45.78	LT	772.41	757.00	BRIDGE APPROACH	69	
536+66.95	LT	772.48	770.70	BRIDGE APPROACH	18	
544+50.54	LT	772.15	758.84	BRIDGE APPROACH	35	
544+73.06	LT	771.99	769.58	BRIDGE APPROACH	18	
568+84.87	LT	789.14	758.76	BRIDGE APPROACH	76	
568+91.44	LT	789.19	788.00	BRIDGE APPROACH	19	
544+86.42	RT	770.04	769.58	BRIDGE APPROACH	9	
545+05.58	RT	770.09	760.27	BRIDGE APPROACH	14	
569+21.90	RT	789.33	761.71	BRIDGE APPROACH	73	
569+17.68	RT	789.28	788.48	BRIDGE APPROACH	10	
570+82.88	RT	792.10	767.06	BRIDGE APPROACH	64	
570+78.59	RT	792.08	790.36	BRIDGE APPROACH	12	
TOTAL						418

60600095		CLASS SI CONCRETE (OUTLET)			CU YD	2	
STATION	TO STATION	OFFSET	LT/RT	DECRPTION	QUANTITY		
						CU YD	
505+76.00	505+98.00	67.00	LT	WB OUTSIDE SHOULDER	2		
TOTAL							2

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PARSONS BRINCKERHOFF
 350 West Monroe St, Suite 900
 Chicago, IL 60606 (312) 763-8100

USER NAME = MMS	DESIGNED - MMS	REVISED -
DRAWN - MMS	REVISED -	
PLOT SCALE = 50.0000' / IN.	CHECKED - RMH	REVISED -
PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 7 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	21
FINAL SUBMITTAL		CONTRACT NO.	64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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60602500		CONCRETE GUTTER, TYPE A			FOOT	44.5
STATION	TO STATION	OFFSET	LT/RT	DESCRIPTION	QUANTITY	
					FOOT	
505+31.50	505+76.00	67.00	LT	WB OUTSIDE SHOULDER	44.5	
TOTAL					44.5	

60240361		INLETS, TYPE B, WITH MEDIAN INLET (604101)			EACH	1
STATION	TO	STATION			QUANTITY	
529+40.00					1	
TOTAL					1	

60900240		TYPE C INLET BOX, STANDARD 609006			EACH	3
STATION	OFFSET	LT/RT	INVERT	DESCRIPTION	QUANTITY	
					EACH	
536+66.95	21.00	LT	772.60	BRIDGE APPROACH	1	
544+73.06	21.00	LT	772.43	BRIDGE APPROACH	1	
568+91.44	21.00	LT	789.31	BRIDGE APPROACH	1	
TOTAL					3	

60900315		TYPE D INLET BOX, STANDARD 609006			EACH	9
STATION	OFFSET	LT/RT	INVERT	DESCRIPTION	QUANTITY	
					EACH	
536+45.78	61.00	LT	772.44	BRIDGE APPROACH	1	
544+50.54	61.00	LT	772.27	BRIDGE APPROACH	1	
568+84.87	61.00	LT	789.14	BRIDGE APPROACH	1	
544+86.42	17.00	RT	770.04	BRIDGE APPROACH	1	
569+17.68	17.00	RT	789.28	BRIDGE APPROACH	1	
570+78.59	17.00	RT	792.08	BRIDGE APPROACH	1	
545+05.58	61.00	RT	770.09	BRIDGE APPROACH	1	
569+21.90	61.00	RT	789.33	BRIDGE APPROACH	1	
570+82.88	61.00	RT	792.10	BRIDGE APPROACH	1	
TOTAL					9	

60900515		CONCRETE THRUST BLOCKS			EACH	6
STATION	LT/RT				QUANTITY	
					EACH	
536+45.78	LT				1	
544+50.54	LT				1	
568+84.87	LT				1	
545+05.58	RT				1	
569+21.90	RT				1	
570+82.88	RT				1	
TOTAL					6	

63000001		STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS			FOOT	1,037.5
STATION	TO	STATION	LT/RT	DESCRIPTION	QUANTITY	
					FOOT	
504+78.84		508+66.34	LT	WB OUTSIDE SHOULDER	387.5	
545+05.00		548+30.00	LT	WB INSIDE SHOULDER	325	
571+21.50		574+46.50	LT	WB INSIDE SHOULDER	325	
TOTAL					1,037.5	

63000003		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS			FOOT	3,062.5
STATION	TO	STATION	LT/RT	DESCRIPTION	QUANTITY	
					FOOT	
544+82.48		568+82.01	LT	WB OUTSIDE SHOULDER	2,400.0	
571+14.93		577+77.43	LT	WB OUTSIDE SHOULDER	662.5	
TOTAL					3,062.5	

63100045		TRAFFIC BARRIER TERMINAL, TYPE 2			EACH	6
STATION	TO	STATION	LT/RT	DESCRIPTION	QUANTITY	
					EACH	
504+66.34		504+78.84	LT	WB OUTSIDE SHOULDER	1	
536+30.42		536+42.92	LT	WB OUTSIDE SHOULDER	1	
536+51.59		536+64.09	LT	WB INSIDE SHOULDER	1	
568+76.08		568+88.58	LT	WB INSIDE SHOULDER	1	
544+82.38		544+94.88	RT	EB INSIDE SHOULDER	1	
570+67.25		570+79.75	RT	EB INSIDE SHOULDER	1	
TOTAL					6	

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USER NAME = MMS	DESIGNED - MMS	REVISED -
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	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 8 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	22
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

63100070		TRAFFIC BARRIER TERMINAL, TYPE 5			EACH	6
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					EACH	
536+42.92		536+57.59	LT	WB OUTSIDE SHOULDER	1	
568+82.01		568+96.68	LT	WB OUTSIDE SHOULDER	1	
536+64.09		536+78.76	LT	WB INSIDE SHOULDER	1	
568+88.58		569+03.25	LT	WB INSIDE SHOULDER	1	
544+67.71		544+82.38	RT	EB INSIDE SHOULDER	1	
570+52.58		570+67.25	RT	EB INSIDE SHOULDER	1	
TOTAL					6	

63100085		TRAFFIC BARRIER TERMINAL, TYPE 6			EACH	4
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					EACH	
544+38.73		544+82.48	LT	WB OUTSIDE SHOULDER	1	
570+71.18		571+14.93	LT	WB OUTSIDE SHOULDER	1	
544+61.25		545+05.00	RT	WB INSIDE SHOULDER	1	
570+77.75		571+21.50	RT	WB INSIDE SHOULDER	1	
TOTAL					4	

63100169		TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED			EACH	4
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					EACH	
508+66.34		509+16.34	LT	WB OUTSIDE SHOULDER	1	
577+77.43		578+27.43	LT	WB OUTSIDE SHOULDER	1	
548+30.00		548+80.00	LT	WB INSIDE SHOULDER	1	
574+46.50		574+96.50	LT	WB INSIDE SHOULDER	1	
TOTAL					4	

63200310		GUARDRAIL REMOVAL			FOOT	1,027
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					FOOT	
504+20.61		506+09.00	RT	EB INSIDE SHOULDER	188	
544+67.71		547+53.74	RT	EB INSIDE SHOULDER	286	
570+52.58		576+05.10	RT	EB INSIDE SHOULDER	553	
TOTAL					1,027	

63301210		REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A			FOOT	1,306
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					FOOT	
544+91.00		547+39.00	RT	EB OUTSIDE SHOULDER	248	
565+87.00		569+40.00	RT	EB INSIDE SHOULDER	353	
565+95.00		569+48.00	RT	EB OUTSIDE SHOULDER	353	
570+60.00		574+12.00	RT	EB OUTSIDE SHOULDER	352	
TOTAL					1,306	

63500105		DELINEATORS			EACH	80
STATION	TO	STATION	INTERVAL	DESCRIPTION	QUANTITY	
					EACH	
66+07.36		77+00.00	100	CROSSOVER	11	
477+00.00		504+66.34	400	TANGENT	7	
509+16.34		-	1	GUARDRAIL	1	
509+16.34		516+85.41	400	TANGENT	2	
520+16.66		-	1	GUARDRAIL	1	
520+16.66		536+30.43	400	TANGENT	5	
574+91.12		-	1	3RD CURVE SPACE	1	
577+91.12		-	1	2ND CURVE SPACE	1	
578+27.43		-	1	GUARDRAIL	1	
578+27.43		579+91.12	400	TANGENT	1	
579+91.12		-	1	1ST CURVE SPACE	1	
581+91.12		596+31.31	150	WB CURVE	10	
583+91.12		-	1	1ST CURVE SPACE	1	
585+91.12		-	1	2ND CURVE SPACE	1	
588+91.12		-	1	3RD CURVE SPACE	1	
606+06.31		640+00.00	100	WB TANGENT	34	
600+06.31		-	1	GUARDRAIL	1	
TOTAL					80	

64200116		SHOULDER RUMBLE STRIPS, 16 INCH			FOOT	65,098
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					FOOT	
66+07.36		77+00.00	LT	WB OUTSIDE SHOULDER	1,093	
477+00.00		536+45.09	LT	WB OUTSIDE SHOULDER	5,945	
544+61.99		568+82.92	LT	WB OUTSIDE SHOULDER	2,421	
570+88.23		640+00.00	LT	WB OUTSIDE SHOULDER	6,912	
71+32.83		77+00.00	LT	WB INSIDE SHOULDER	567	
477+00.00		536+57.58	LT	WB INSIDE SHOULDER	5,958	
544+74.48		568+86.87	LT	WB INSIDE SHOULDER	2,412	
570+92.17		640+00.00	LT	WB INSIDE SHOULDER	6,908	
463+36.08		537+00.00	RT	EB OUTSIDE SHOULDER	7,364	
545+15.00		569+00.00	RT	EB OUTSIDE SHOULDER	2,385	
571+04.96		640+00.00	RT	EB OUTSIDE SHOULDER	6,895	
471+38.61		536+85.00	RT	EB INSIDE SHOULDER	6,546	
545+02.60		568+95.75	RT	EB INSIDE SHOULDER	2,393	
571+01.04		640+00.00	RT	EB INSIDE SHOULDER	6,899	
640+00.00		644+00.00	RT	WB INSIDE SHOULDER	400	
TOTAL					65,098	

64300450		IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3			EACH	2
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					EACH	
504+62.00		505+06.00	CL	EB INSIDE SHOULDER	1	
505+24.00		505+68.00	CL	WB INSIDE SHOULDER	1	
TOTAL					2	

66101150		HOT-MIX ASPHALT SHOULDER CURB			FOOT	40
STATION	TO	STATION	LT/RT	DECRPTION	QUANTITY	
					FOOT	
570+85.00		571+25.00	RT	EB OUTSIDE SHOULDER	40	
TOTAL					40	

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USER NAME = MMS	DESIGNED - MMS	REVISED -
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PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 9 OF 16 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 23
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

70300220		TEMPORARY PAVEMENT MARKING - LINE 4"						FOOT	11,284
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	RATIO	COLOR	DESCRIPTION	QUANTITY
	FT			FT					FOOT
463+36.08	27		466+11.08	43	RT	1.00	WHITE	EASTBOUND	275
466+11.08	32		471+38.61	32	RT	1.00	WHITE	EASTBOUND	528
471+38.61	32		474+14.04	27	RT	1.00	WHITE	EASTBOUND	275
463+36.08	38		466+11.08	43	RT	1.00	YELLOW	EASTBOUND	275
466+11.08	43		471+38.83	43	RT	1.00	YELLOW	EASTBOUND	528
471+38.83	43		474+14.04	38	RT	1.00	YELLOW	EASTBOUND	275
463+36.08	40		466+11.08	45	RT	1.00	YELLOW	EASTBOUND	275
466+11.08	45		471+38.84	45	RT	1.00	YELLOW	EASTBOUND	528
471+38.84	55		474+14.04	40	RT	1.00	YELLOW	EASTBOUND	275
463+36.08	51		466+11.08	56	RT	1.00	WHITE	EASTBOUND	275
466+11.08	56		471+39.04	56	RT	1.00	WHITE	EASTBOUND	528
471+39.04	56		474+14.04	51	RT	1.00	WHITE	EASTBOUND	275
627+80.00	27		635+75.00	27	RT	1.00	WHITE	EASTBOUND	795
635+75.00	27		645+61.83	37	LT	1.00	WHITE	WESTBOUND	990
645+61.83	37		648+26.26	37	LT	1.00	WHITE	WESTBOUND	264
648+26.26	37		651+26.10	49	LT	1.00	WHITE	WESTBOUND	300
651+26.10	49		653+04.04	49	LT	1.00	WHITE	WESTBOUND	178
653+04.04	49		655+33.00	64	LT	1.00	WHITE	WESTBOUND	229
654+53.47	37		665+75.45	49	LT	1.00	WHITE	WESTBOUND	1,122
627+80.00	38		635+75.00	38	RT	1.00	YELLOW	EASTBOUND	795
635+75.00	38		638+77.00	27	RT	1.00	YELLOW	EASTBOUND	302
627+80.00	40		635+75.00	40	RT	1.00	YELLOW	EASTBOUND	795
635+75.00	39		639+70.00	39	RT	1.00	YELLOW	EASTBOUND	395
638+77.00	27		645+61.83	25	LT	1.00	YELLOW	EB TO WB	687
648+26.26	37		651+26.85	37	LT	0.25	YELLOW	WESTBOUND	75
651+26.85	37		653+07.81	37	LT	0.25	YELLOW	WESTBOUND	45
TOTAL									11,284

70300250		TEMPORARY PAVEMENT MARKING - LINE 8"						FOOT	292
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	COLOR	DESCRIPTION	QUANTITY	
	FT			FT				FOOT	
653+07.81	37		654+53.66	49	LT	WHITE	WESTBOUND	146	
653+07.81	37		654+53.66	37	LT	WHITE	WESTBOUND	146	
TOTAL									292

70300260		TEMPORARY PAVEMENT MARKING - LINE 12"				FOOT	120
STATION	TO	STATION	LT/RT	COLOR	DESCRIPTION	QUANTITY	
						FOOT	
637+00.70		637+02.83	RT	YELLOW	GORE STRIPES	3	
637+48.82		637+52.83	RT	YELLOW	GORE STRIPES	6	
637+96.36		638+02.83	RT	YELLOW	GORE STRIPES	9	
638+43.35		638+52.83	RT	YELLOW	GORE STRIPES	13	
638+89.81		639+02.83	RT	YELLOW	GORE STRIPES	18	
639+35.74		639+52.83	RT	YELLOW	GORE STRIPES	24	
653+57.51		653+62.50	LT	YELLOW	GORE STRIPES	7	
653+85.64		653+92.91	LT	YELLOW	GORE STRIPES	10	
654+14.12		654+23.35	LT	YELLOW	GORE STRIPES	13	
654+42.95		654+53.79	LT	YELLOW	GORE STRIPES	15	
TOTAL							120

70301000		WORK ZONE PAVEMENT MARKING REMOVAL						SQ FT	4,034
STATION	TO	STATION	LT/RT	WIDTH	RATIO	COLOR	DESCRIPTION	QUANTITY	
				FT				SQ FT	
463+36.08		466+11.08	RT	0.33	1.00	WHITE	EASTBOUND	91	
466+11.08		471+38.61	RT	0.33	1.00	WHITE	EASTBOUND	174	
471+38.61		474+14.04	RT	0.33	1.00	WHITE	EASTBOUND	91	
463+36.08		466+11.08	RT	0.33	1.00	YELLOW	EASTBOUND	91	
466+11.08		471+38.83	RT	0.33	1.00	YELLOW	EASTBOUND	174	
471+38.83		474+14.04	RT	0.33	1.00	YELLOW	EASTBOUND	91	
463+36.08		466+11.08	RT	0.33	1.00	YELLOW	EASTBOUND	91	
466+11.08		471+38.84	RT	0.33	1.00	YELLOW	EASTBOUND	174	
471+38.84		474+14.04	RT	0.33	1.00	YELLOW	EASTBOUND	91	
463+36.08		466+11.08	RT	0.33	1.00	WHITE	EASTBOUND	91	
466+11.08		471+39.04	RT	0.33	1.00	WHITE	EASTBOUND	174	
471+39.04		474+14.04	RT	0.33	1.00	WHITE	EASTBOUND	91	
627+80.00		635+75.00	RT	0.33	1.00	WHITE	EASTBOUND	262	
635+75.00		645+61.83	LT	0.33	1.00	WHITE	EB TO WB	326	
645+61.83		648+26.26	LT	0.33	1.00	WHITE	WESTBOUND	87	
648+26.26		651+26.10	LT	0.33	1.00	WHITE	WESTBOUND	99	
651+26.10		653+04.04	LT	0.33	1.00	WHITE	WESTBOUND	59	
653+04.04		655+33.00	LT	0.33	1.00	WHITE	WESTBOUND	76	
654+53.47		665+75.45	LT	0.33	1.00	WHITE	WESTBOUND	370	
627+80.00		635+75.00	RT	0.33	1.00	YELLOW	EASTBOUND	262	
635+75.00		638+77.00	RT	0.33	1.00	YELLOW	EASTBOUND	100	
627+80.00		635+75.00	RT	0.33	1.00	YELLOW	EASTBOUND	262	
635+75.00		639+70.00	RT	0.33	1.00	YELLOW	EASTBOUND	130	
638+77.00		645+61.83	LT	0.33	1.00	YELLOW	EB TO WB	226	
648+26.26		651+26.85	LT	0.33	0.25	YELLOW	WESTBOUND	25	
651+26.85		653+07.81	LT	0.33	0.25	YELLOW	WESTBOUND	15	
653+07.81		654+53.66	LT	0.66	1.00	WHITE	WESTBOUND	96	
653+07.81		654+53.66	LT	0.66	1.00	WHITE	WESTBOUND	96	
637+00.70		637+02.83	RT	1.00	1.00	YELLOW	GORE STRIPES	3	
637+48.82		637+52.83	RT	1.00	1.00	YELLOW	GORE STRIPES	6	
637+96.36		638+02.83	RT	1.00	1.00	YELLOW	GORE STRIPES	9	
638+43.35		638+52.83	RT	1.00	1.00	YELLOW	GORE STRIPES	13	
638+89.81		639+02.83	RT	1.00	1.00	YELLOW	GORE STRIPES	18	
639+35.74		639+52.83	RT	1.00	1.00	YELLOW	GORE STRIPES	24	
653+57.51		653+62.50	LT	1.00	1.00	YELLOW	GORE STRIPES	7	
653+85.64		653+92.91	LT	1.00	1.00	YELLOW	GORE STRIPES	10	
654+14.12		654+23.35	LT	1.00	1.00	YELLOW	GORE STRIPES	13	
654+42.95		654+53.79	LT	1.00	1.00	YELLOW	GORE STRIPES	15	
TOTAL									4,034

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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 10 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	24
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

78100100		RAISED REFLECTIVE PAVEMENT MARKER				EACH	231
STATION	TO	STATION	LT/RT	INTERVAL	TYPE	DESCRIPTION	QUANTITY
				FT			EACH
482+00.00		666+41.00	LT	80	ONE-WAY	WB TRAVEL LANES	231
TOTAL							231

78100300		REPLACEMENT REFLECTOR				EACH	217
STATION	TO	STATION	LT/RT	INTERVAL	TYPE	DESCRIPTION	QUANTITY
463+36.08		468+25.52	RT	80	TWO-WAY	EB/WB TRAVEL LANES	6
471+38.61		640+25.00	RT	80	ONE-WAY	EB TRAVEL LANES	211
TOTAL							217

78200410		GUARDRAIL MARKERS, TYPE A			EACH	32
STATION	TO	STATION	SHOULDER	INTERVAL	COLOR	QUANTITY
						EACH
504+78.84		508+66.34	LT	80	CRYSTAL	5
544+82.48		568+82.01	LT	400	CRYSTAL	6
564+82.01		568+82.01	LT	80	CRYSTAL	5
571+14.93		573+77.43	LT	400	CRYSTAL	1
573+77.43		577+77.43	LT	80	CRYSTAL	5
545+05.00		548+30.00	LT	80	AMBER	5
571+21.50		574+46.50	LT	80	AMBER	5
TOTAL						32

78200520		BARRIER WALL MARKERS, TYPE B			EACH	26
STATION	TO	STATION	INTERVAL	INTERVAL	COLOR	QUANTITY
						EACH
536+57.59		544+38.73	80	WB OUTSIDE WALL	CRYSTAL	10
536+78.76		544+61.25	80	WB INSIDE WALL	AMBER	10
568+96.68		570+71.18	80	WB OUTSIDE WALL	CRYSTAL	3
569+03.25		570+77.75	80	WB INSIDE WALL	AMBER	3
TOTAL						26

78201000		TERMINAL MARKER - DIRECT APPLIED		EACH	4
STATION		LT/RT	DESCRIPTION	QUANTITY	
509+16.34		LT	WB OUTSIDE SHOULDER	1	
578+27.43		LT	WB OUTSIDE SHOULDER	1	
548+80.00		LT	WB INSIDE SHOULDER	1	
574+96.50		LT	WB INSIDE SHOULDER	1	
TOTAL					4

78300100		PAVEMENT MARKING REMOVAL						SQ FT	19,557
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	WIDTH	RATIO	COLOR	QUANTITY
	FT			FT		FT			SQ FT
463+36.08	27		640+25.00	27	RT	0.33	1.00	YELLOW	5,837
463+36.08	51		640+25.00	51	RT	0.33	1.00	WHITE	5,837
463+36.08	39		640+25.00	39	RT	0.33	1.00	YELLOW	5,837
640+00.00	25		666+41.00	25	LT	0.33	1.00	YELLOW	872
640+00.00	37		666+41.00	37	LT	0.33	0.25	YELLOW	218
640+00.00	49		666+41.00	49	LT	0.33	1.00	WHITE	872
660+00.00	46				LT			MERGE ARROW	42
665+00.00	46				LT			MERGE ARROW	42
TOTAL									19,557

X0322938		TEMPORARY END SECTION			EACH	1
STATION	OFFSET	LT/RT			QUANTITY	
643+00.00	6.0	RT	TEMPORARY STRUCTURE FOR MOT		1	
TOTAL						1

X0324045		SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL			EACH	5
STATION	LT/RT	WIDTH	LENGTH	QUANTITY		
		FT	FT	EACH		
476+00.00	CL	20	40	1		
530+50.00	CL	20	40	1		
546+75.00	CL	20	40	1		
595+50.00	CL	20	40	1		
628+00.00	CL	20	40	1		
TOTAL					5	

X0324775		SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE			SQ YD	444
STATION	LT/RT	NUMBER OF APPLICATIONS	WIDTH	LENGTH	QUANTITY	
		FT	FT	FT	SQ YD	
476+00.00	CL	2	10	40	89	
530+50.00	CL	2	10	40	89	
546+75.00	CL	2	10	40	89	
595+50.00	CL	2	10	40	89	
628+00.00	CL	2	10	40	89	
TOTAL					444	

X0325306		INLETS, TEMPORARY, TYPE A, WITH MEDIAN INLET (604101)			EACH	1
STATION	OFFSET	LT/RT			QUANTITY	
640+00.00	5.0	LT	TEMPORARY STRUCTURE FOR MOT		1	
TOTAL						1

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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 11 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	25
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

X4400110		TEMPORARY PAVEMENT REMOVAL				SQ YD	747
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY
	FT			FT			SQ YD
637+30.00	2.0		637+87.07	2.0	CT	CROSS OVER	13
637+87.07	2.0		639+62.85	16.0	CT	CROSS OVER	176
639+62.85	16.0		641+70.49	16.0	CT	CROSS OVER	369
641+70.49	16.0		643+48.31	2.0	CT	CROSS OVER	178
643+48.31	2.0		644+00.00	2.0	CT	CROSS OVER	11
TOTAL							747

X7240300		SIGN REMOVAL			EACH	1
STATION	OFFSET	LT/RT	TYPE	LOCATION	QUANTITY	
					EACH	
624+91.07	18.50	LT		WB INSIDE SHOULDER	1	
TOTAL						1

X7800605		URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS				SQ FT	84
STATION	OFFSET	TO	LT/RT	COLOR	DESCRIPTION	QUANTITY	
	FT					FOOT	
477+50.00	47		LT	WHITE	WB TRAVEL LANES	42	
482+50.00	49		LT	WHITE	WB TRAVEL LANES	42	
TOTAL							84

X7800610		URETHANE PAVEMENT MARKING - LINE 4"				FOOT	74,730	
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	COLOR	DESCRIPTION	QUANTITY
	FT			FT				FOOT
463+36.08	27		466+11.08	27	RT	WHITE	WB TRAVEL LANES	275
485+00.00	51		666+41.00	51	LT	WHITE	WB TRAVEL LANES	18,141
463+36.08	51		640+25.00	51	RT	WHITE	EB TRAVEL LANES	17,689
463+36.08	39		468+25.32	39	RT	YELLOW	EB/WB TRAVEL LANES	489
463+36.08	40		468+25.32	40	RT	YELLOW	EB/WB TRAVEL LANES	489
68+20.71	18		70+34.00	16	LT	DOUBLE YELLOW	GORE	427
70+34.00	16		72+63.90	24	RT	YELLOW	WB TRAVEL LANES	230
72+63.90	24		77+00.00	24	RT	YELLOW	WB TRAVEL LANES	436
468+25.32	39		471+38.61	39	RT	DOUBLE YELLOW	GORE	627
471+38.61	39		472+38.61	27	RT	DOUBLE YELLOW	TAPER	200
477+00.00	27		666+41.00	27	LT	YELLOW	WB TRAVEL LANES	18,941
472+38.61	27		640+25.00	27	RT	YELLOW	EB TRAVEL LANES	16,786
TOTAL								74,730

X7800630		URETHANE PAVEMENT MARKING - LINE 6"				FOOT	8,832
STATION	TO	STATION	LT/RT	RATIO	DESCRIPTION	QUANTITY	
						FOOT	
471+38.61		536+91.95	RT	0.25	EB TRAVEL LANES	1,638	
536+91.95		545+08.85	RT	0.25	EB TRAVEL LANES	204	
545+08.85		568+97.70	RT	0.25	EB TRAVEL LANES	597	
568+97.70		571+03.01	RT	0.25	EB TRAVEL LANES	51	
571+03.01		640+25.00	RT	0.25	EB TRAVEL LANES	1,730	
482+00.00		536+51.33	LT	0.25	WB TRAVEL LANES	1,363	
536+51.33		544+68.24	LT	0.25	WB TRAVEL LANES	204	
544+68.24		568+84.90	LT	0.25	WB TRAVEL LANES	604	
568+84.90		570+90.20	LT	0.25	WB TRAVEL LANES	51	
570+90.20		666+41.00	LT	0.25	WB TRAVEL LANES	2,388	
TOTAL							8,832

X7800640		URETHANE PAVEMENT MARKING - LINE 8"			FOOT	1,889
STATION	TO	STATION	LT/RT	COLOR	DESCRIPTION	QUANTITY
						FOOT
466+11.08		485+00.00	LT	WHITE	WB TRAVEL LANES	1,889
TOTAL						1,889

X7800650		URETHANE PAVEMENT MARKING - LINE 12"			FOOT	93
STATION	TO	STATION	LT/RT	COLOR	DESCRIPTION	QUANTITY
						FOOT
469+10.49		469+18.54	RT	YELLOW	GORE STRIPES	11
469+37.88		469+48.47	RT	YELLOW	GORE STRIPES	15
469+65.26		469+78.40	RT	YELLOW	GORE STRIPES	19
469+92.64		470+08.33	RT	YELLOW	GORE STRIPES	22
470+20.02		470+38.26	RT	YELLOW	GORE STRIPES	26
TOTAL						93

X7830070		GROOVING FOR RECESSED PAVEMENT MARKING 5"				FOOT	70,641	
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	COLOR	DESCRIPTION	QUANTITY
	FT			FT				FOOT
463+36.08	27		466+11.08	27	RT	WHITE	WB TRAVEL LANES	275
485+00.00	51		536+45.09	51	LT	WHITE	WB TRAVEL LANES	5,145
544+61.99	51		568+82.92	51	LT	WHITE	WB TRAVEL LANES	2,421
570+88.23	51		666+41.00	51	LT	WHITE	WB TRAVEL LANES	9,553
463+36.08	39		468+25.32	39	RT	YELLOW	EB/WB TRAVEL LANES	489
463+36.08	40		468+25.32	40	RT	YELLOW	EB/WB TRAVEL LANES	489
68+20.71	18		70+34.00	16	RT	YELLOW	GORE	427
70+34.00	16		72+63.90	24	RT	YELLOW	WB TRAVEL LANES	230
72+63.90	24		77+00.00	24	RT	YELLOW	WB TRAVEL LANES	436
468+25.32	39		471+38.61	39	RT	YELLOW	GORE	627
471+38.61	39		472+38.60	27	RT	YELLOW	GORE	200
477+00.00	27		536+57.58	27	LT	YELLOW	WB TRAVEL LANES	5,958
544+74.48	27		568+86.87	27	LT	YELLOW	WB TRAVEL LANES	2,412
570+92.17	27		666+41.00	27	LT	YELLOW	WB TRAVEL LANES	9,549
472+38.61	27		536+85.70	27	RT	YELLOW	EB TRAVEL LANES	6,447
545+02.60	27		568+95.73	27	RT	YELLOW	EB TRAVEL LANES	2,393
571+01.04	27		640+25.00	27	RT	YELLOW	EB TRAVEL LANES	6,924
463+36.08	51		536+98.19	51	RT	WHITE	EB TRAVEL LANES	7,362
545+15.09	51		568+99.68	51	RT	WHITE	EB TRAVEL LANES	2,385
571+04.98	51		640+25.00	51	RT	WHITE	EB TRAVEL LANES	6,920
TOTAL								70,641

X7830074		GROOVING FOR RECESSED PAVEMENT MARKING 7"			FOOT	7,660
STATION	TO	STATION	LT/RT	RATIO	DESCRIPTION	QUANTITY
471+38.61		536+91.95	RT	0.25	EB TRAVEL LANES	1,638
545+08.85		568+97.70	RT	0.25	EB TRAVEL LANES	597
571+03.01		640+25.00	RT	0.25	EB TRAVEL LANES	1,730
482+00.00		536+51.33	LT	0.25	WB TRAVEL LANES	1,363
544+68.24		568+84.90	LT	0.25	WB TRAVEL LANES	604
570+90.20		640+00.00	LT	0.25	WB TRAVEL LANES	1,727
TOTAL						7,660

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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.0000 / 1 IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 13 OF 16 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 27
FINAL SUBMITTAL			CONTRACT NO. 64960	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"					FOOT	1,889
STATION	TO	STATION	LT/RT	RATIO	DESCRIPTION	QUANTITY	
						FOOT	
466+11.08		485+00.00	LT	1.00	WB TRAVEL LANES	1,889	
TOTAL						1,889	

X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"					FOOT	93
STATION	TO	STATION	LT/RT	COLOR	DESCRIPTION	QUANTITY	
						FOOT	
469+10.49		469+18.54	RT	YELLOW	GORE STRIPES	11	
469+37.88		469+48.47	RT	YELLOW	GORE STRIPES	15	
469+65.26		469+78.40	RT	YELLOW	GORE STRIPES	19	
469+92.64		470+08.33	RT	YELLOW	GORE STRIPES	22	
470+20.02		470+38.26	RT	YELLOW	GORE STRIPES	26	
TOTAL						93	

Z0062456	TEMPORARY PAVEMENT					SQ YD	747
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY
	FT			FT			SQ YD
637+30.00	2.0		637+87.07	2.0	CT	CROSS OVER	13
637+87.07	2.0		639+62.85	16.0	CT	CROSS OVER	176
639+62.85	16.0		641+70.49	16.0	CT	CROSS OVER	369
641+70.49	16.0		643+48.31	2.0	CT	CROSS OVER	178
643+48.31	2.0		644+00.00	2.0	CT	CROSS OVER	11
TOTAL							747

Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE			SQ YD	444
STATION	LT/RT	WIDTH	LENGTH	QUANTITY	
		FT	FT	SQ YD	
476+00.00	RT	20	40	89	
530+50.00	RT	20	40	89	
546+75.00	RT	20	40	89	
595+50.00	RT	20	40	89	
628+00.00	RT	20	40	89	
TOTAL				444	

Z0014700	CULVERT TO BE CLEANED		EACH	8
STATION	LT/RT	DESCRIPTION	LENGTH	QUANTITY
			FT	EACH
505+00.00	LT	EXISTING CULVERT	263	1
516+65.00	LT/RT	EXISTING CULVERT	169	1
528+00.00	LT	STORM SEWER	90	1
552+00.00	LT	STORM SEWER	82	1
572+00.00	LT	STORM SEWER	122	1
598+25.00	LT	STORM SEWER	101	1
601+50.00	LT	STORM SEWER	95	1
629+90.94	LT/RT	EXISTING CULVERT	63	1
TOTAL				8

Z0034105	MATERIAL TRANSFER DEVICE						TON	6,119	
STATION	WIDTH	TO	STATION	WIDTH	DEPTH	LT/RT	DENSITY	DESCRIPTION	QUANTITY
	FT			FT	IN		LB/SY*IN		TON
MILL OUT 3" & OVERLAY 3" EXISTING SHOULDERS WITHIN PROJECT LIMITS									
471+38.61	10.0		536+93.64	10.0	3	RT	112	EB INSIDE SHOULDER	1,223.6
544+72.34	10.0		569+15.41	10.0	3	RT	112	EB INSIDE SHOULDER	456.0
570+80.85	10.0		629+00.00	10.0	3	RT	112	EB INSIDE SHOULDER	1,086.2
633+93.41	10.0		640+00.00	10.0	3	RT	112	EB INSIDE SHOULDER	113.2
463+36.08	10.0		537+15.69	10.0	3	RT	112	EB OUTSIDE SHOULDER	1,377.5
544+84.78	10.0		569+29.15	10.0	3	RT	112	EB OUTSIDE SHOULDER	456.3
570+85.00	10.0		640+00.00	10.0	3	RT	112	EB OUTSIDE SHOULDER	1,290.8
640+00.00	8.0		644+00.00	8.0	3	RT	112	WB INSIDE SHOULDER	59.7
EXISTING WB SHOULDER, 500 SQ YD					2		112	EXISTING WB SHOULDER	56.0
TOTAL									6,119

HMA SCHEDULE

STATIONS	REMARKS	LENGTH FT.	PROPOSED SURFACE AREAS		EXISTING SURFACE AREAS		31100910	31100935	31100965	31100975	40600200	40603310	40701956	48203021
			PAVEMENT	SHOULDER	SHOULDER	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SUBBASE GRANULAR MATERIAL, TYPE A 18"	SUBBASE GRANULAR MATERIAL, TYPE A 24"	SUBBASE GRANULAR MATERIAL, TYPE A 30"	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	HOT-MIX ASPHALT SHOULDERS, 6"	
			SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	SQ. YD.	SQ. YD.	
US 20														
66+07 - 77+00	MAINLINE	1,093	2,608	1,612	0	5,227	0	0	0	5.6	156	2,608	1,612	
477+00 - 536+81	MAINLINE	5,981	15,887	12,275	15,483	17,975	3,500	2,750	6,000	22.2	3,981	15,887	12,275	
544+38 - 569+20	MAINLINE	2,482	6,466	5,828	5,430	13,167	0	0	0	10.7	1,565	6,466	5,828	
570+61 - 640+00	MAINLINE	6,939	18,431	15,337	15,679	35,681	0	0	0	31.0	4,268	18,431	15,337	
GRAND TOTAL			43,393	35,052	36,592	72,050	3,500	2,750	6,000	69.4	9,970	43,393	35,052	

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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.0000' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 14 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	28
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

EARTHWORK SCHEDULE

LOCATION			MOT STAGES	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE 25%) (CU YD)	EMBANKMENT (CU YD)	ROCK EXCAVATION (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL EXCAVATION (CU YD)	TOPSOIL TO BE USED IN TOPSOIL PLACEMENT (ADJ. FOR SHRINKAGE 25%) (CU YD)	TOPSOIL PLACEMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (SQ YD)
US 20 MAINLINE													
463+30.00	TO	471+00.00	STAGE IA	0	0	0	0	0	0	0	0	0	0
471+00.00	TO	473+25.00		0	0	0	0	0	0	0	0	0	0
637+30.00	TO	644+00.00		150	110	354	0	-244	123	92	123	-31	276
66+07.35	TO	71+00.00	STAGE I	1,131	848	1,827	0	-979	1,236	930	344	586	
71+00.00	TO	77+00.00		3,110	2,332	4,944	0	-2,612	4,665	3,500	504	2,996	
477+00.00	TO	486+00.00		1,519	1,139	170	0	970	0	0	266	-266	
486+00.00	TO	501+00.00		3,879	2,909	426	0	2,483	0	0	539	-539	
501+00.00	TO	516+00.00		2,770	2,077	686	0	1,391	0	0	678	-678	
516+00.00	TO	531+00.00		1,576	1,182	408	0	774	0	0	394	-394	
531+00.00	TO	546+00.00		664	498	202	0	296	0	0	192	-192	
546+00.00	TO	561+00.00		1,977	1,483	128	0	1,355	0	0	221	-221	
561+00.00	TO	576+00.00		759	569	280	0	289	0	0	300	-300	
576+00.00	TO	590+00.00		1,751	1,314	315	0	999	0	0	445	-445	
590+00.00	TO	604+00.00		1,080	810	530	0	280	0	0	467	-467	
604+00.00	TO	619+00.00		1,042	781	685	0	96	0	0	520	-520	3972
619+00.00	TO	634+00.00		3,145	2,359	1,712	2,036	2,682	536	400	770	-370	6518
634+00.00	TO	644+00.00		1	1	201	9,224	9,023	523	390	954	-564	1897
463+30.00	TO	471+00.00		* STAGE II	0	0	0	0	0	0	0		
471+00.00	TO	473+25.00	0		0	0	0	0	0	0			
637+30.00	TO	644+00.00	244		0	0	0	244	0	0			
TOTAL:				24,800	18,415	12,870	11,260	17,050	7,085	5,315	6,720	-1,410	12,665

NOTE:

- CONTRACTOR MAY ROUGH GRADE AND UTILIZE GRADE FROM STA. 501+00 TO 516+00 AND FROM STA. 634+00 TO 644+00 AS BORROW LOCATIONS FOR STAGE IA.
 - EXISTING TOP SOIL REMOVAL SHALL BE USED FOR 12" TOPSOIL PLACEMENT FOR ROCK CUT DITCHES AND BENCHES.
- * TEMPORARY PAVEMENT CONSTRUCTED IN STAGE 1A WILL BE REMOVED AND NECESSARY GRADING WILL BE DONE DURING THIS STAGE.

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USER NAME = MMS	DESIGNED - MS	REVISED -
	DRAWN - MS	REVISED -
PLOT SCALE = 50.0000' / IN.	CHECKED - RH	REVISED -
PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE

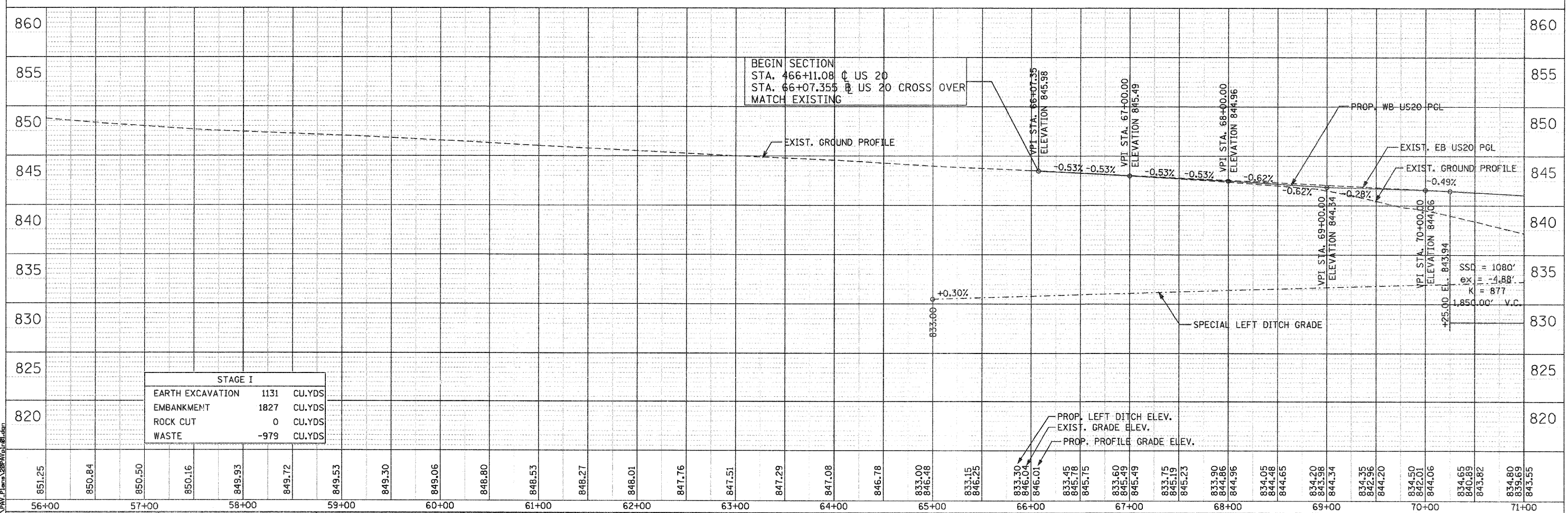
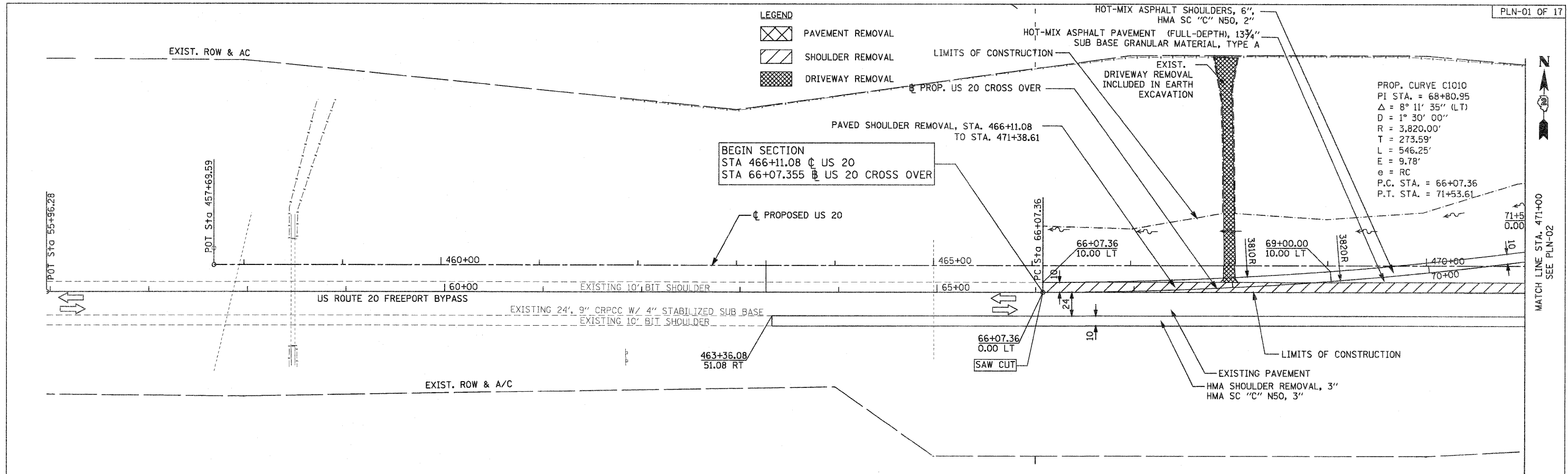
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	31
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

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

PROFILE	DATE
BY	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
NO.	
DATE	



PARSONS BRINCKERHOFF
 280 West Monroe St. Suite 900
 Chicago, IL 60606 (312) 783-8160

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

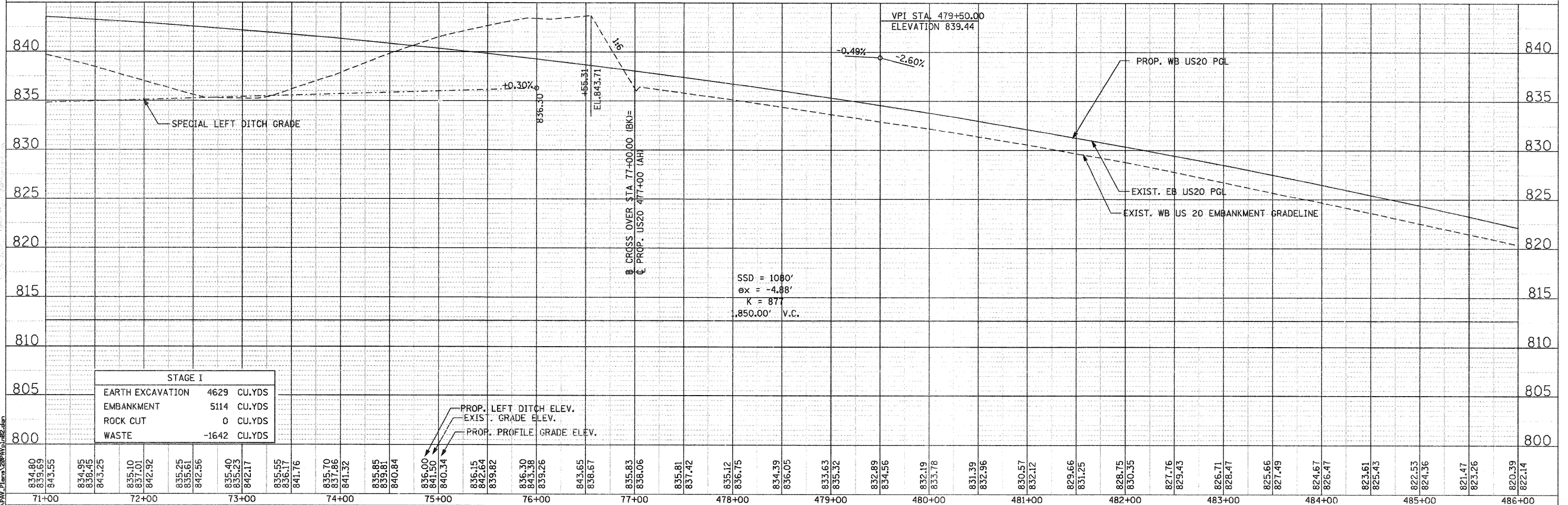
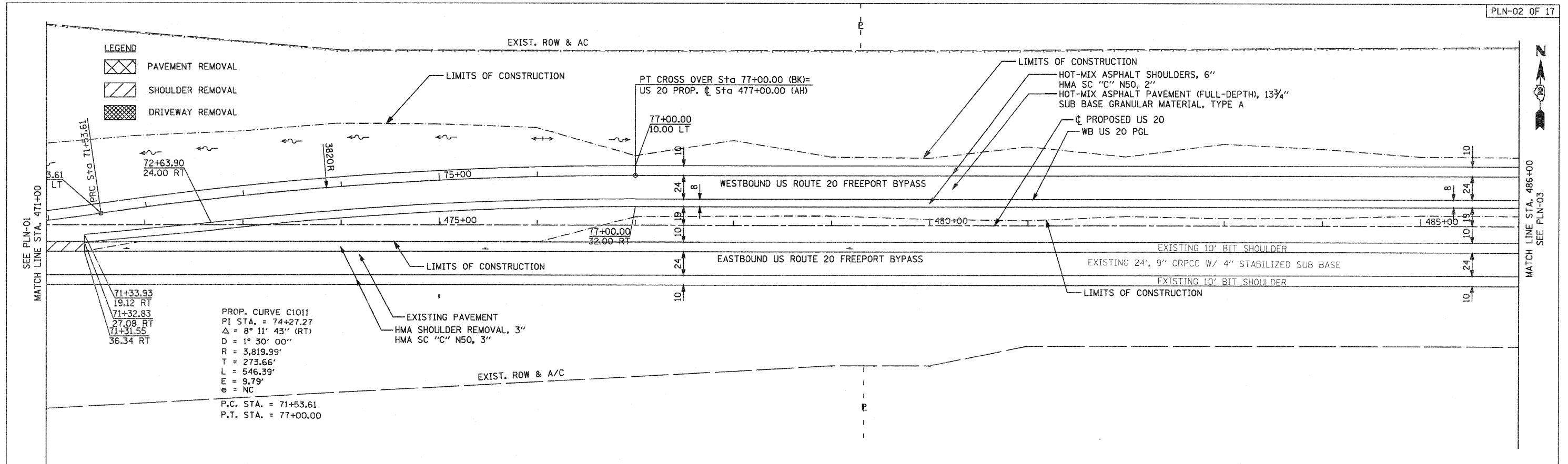
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WESTBOUND U.S. ROUTE 20
 SCALE: 1"=50'
 SHEET NO. 1 OF 17 SHEETS
 STA. 457+69 TO STA. 471+00

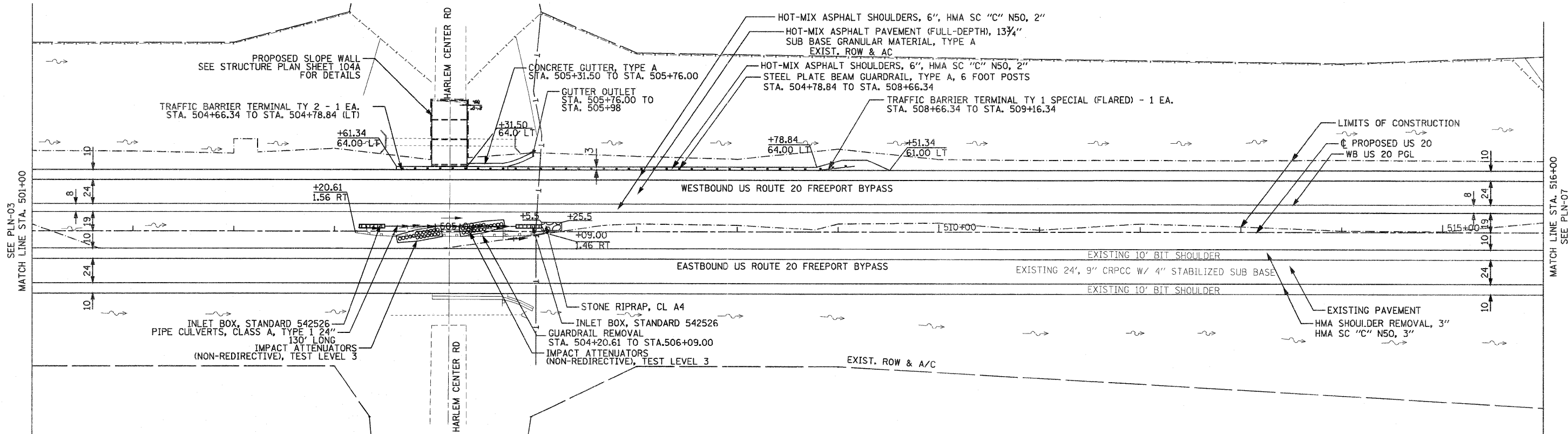
F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 38
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

PLAN	DATE
BY	
NO. 100	
NO. 100	
NO. 100	
NO. 100	

PROFILE	DATE
BY	
NO. 100	
NO. 100	
NO. 100	
NO. 100	



PARSONS BRINCKERHOFF 280 West Monroe St., Suite 900 Chicago, IL 60606, (312) 763-8100	USER NAME = MMS	DESIGNED - MMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WESTBOUND U.S. ROUTE 20		SECTION 301	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 39
	PLOT SCALE = 50.00' / IN.	CHECKED - RMH	REVISED -		SCALE: 1"=50' SHEET NO. 2 OF 17 SHEETS	STA. 471+00 TO STA. 486+00	FINAL SUBMITTAL	CONTRACT NO. 64860	ILLINOIS FED. AID PROJECT P-92-014-03	
	PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -		Rev. 2-22-12					



STAGE I : STA. 501+00 TO STA. 516+00	
EARTH EXCAVATION	2770 CU.YDS
EMBANKMENT	686 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	1391 CU.YDS

SEE NEXT SHEET FOR PROFILE

PARSONS BRINCKERHOFF
 280 West Monroe St, Suite 900
 Chicago, IL 60604, (312) 788-5180

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PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

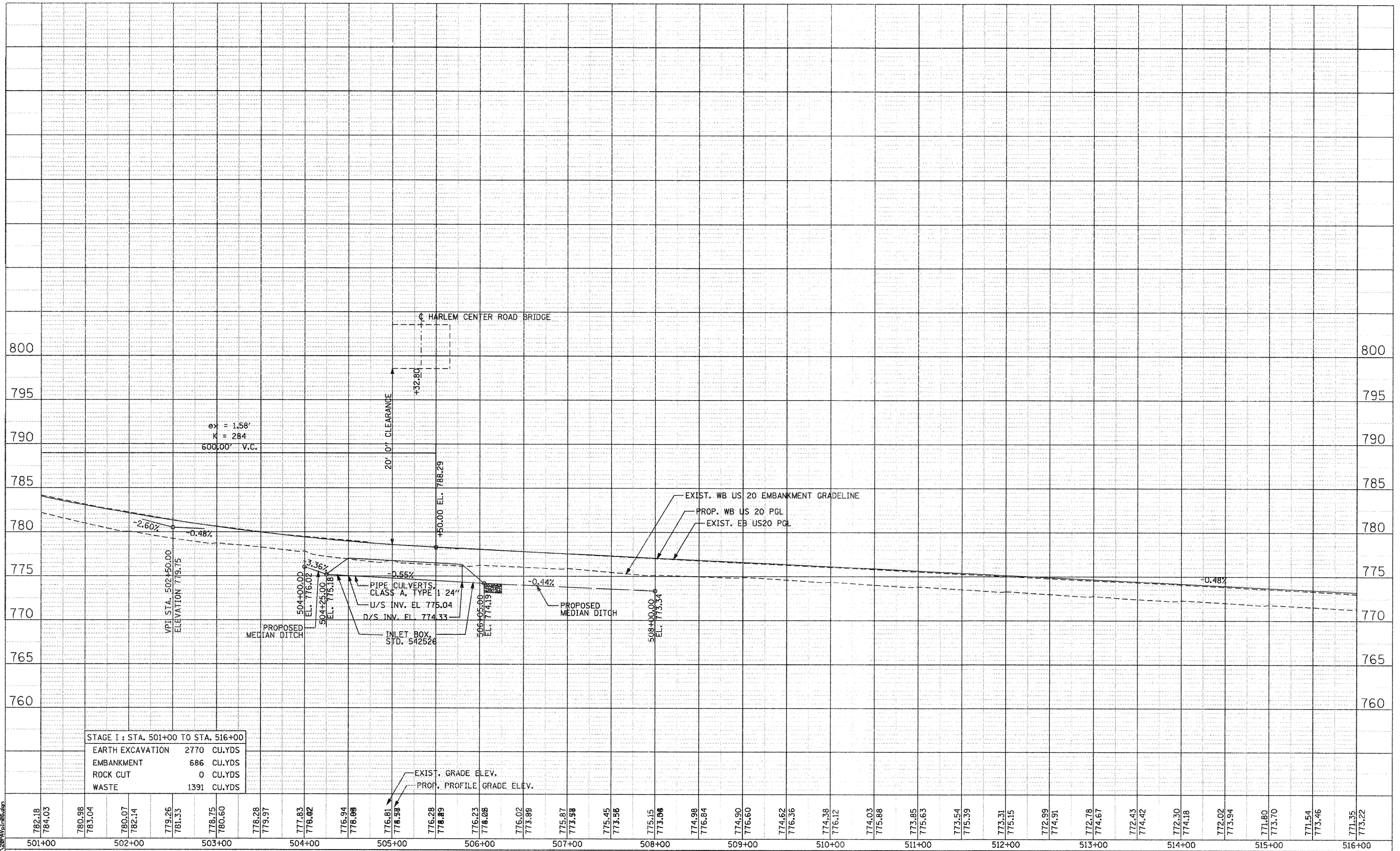
PLAN
 WESTBOUND U.S. ROUTE 20 *Rev. 2-22-12*

SCALE: 1"=50' SHEET NO. 5 OF 17 SHEETS STA. 501+00 TO STA. 516+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	42
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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

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



STAGE I : STA. 501+00 TO STA. 516+00	
EARTH EXCAVATION	2770 CU.YDS
EMBANKMENT	686 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	1391 CU.YDS

782.18	784.03	780.98	783.04	780.07	782.14	779.26	781.33	778.75	780.60	778.28	779.97	777.83	776.02	776.94	776.09	776.81	778.58	776.28	778.89	776.23	778.08	776.02	773.88	775.87	773.58	775.45	773.58	775.15	773.08	774.98	776.84	774.90	776.60	774.62	776.36	774.38	776.12	774.03	775.88	773.85	775.63	773.54	775.39	773.31	775.15	772.99	774.91	772.78	774.67	772.43	774.42	772.30	774.18	772.02	773.94	771.80	773.70	771.54	773.46	771.35	773.22
501+00	502+00	503+00	504+00	505+00	506+00	507+00	508+00	509+00	510+00	511+00	512+00	513+00	514+00	515+00	516+00																																														

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PARSONS BRINCKERHOFF
 280 West Monroe St. Suite 500
 Chicago, IL 60606 (312) 782-6180

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

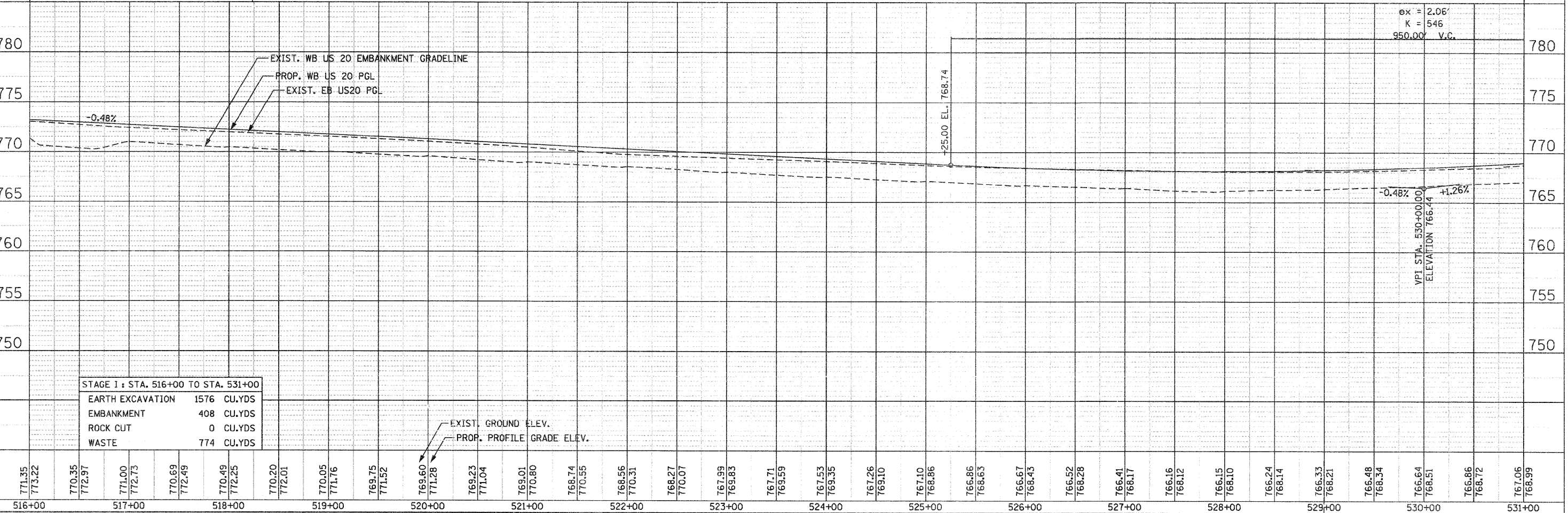
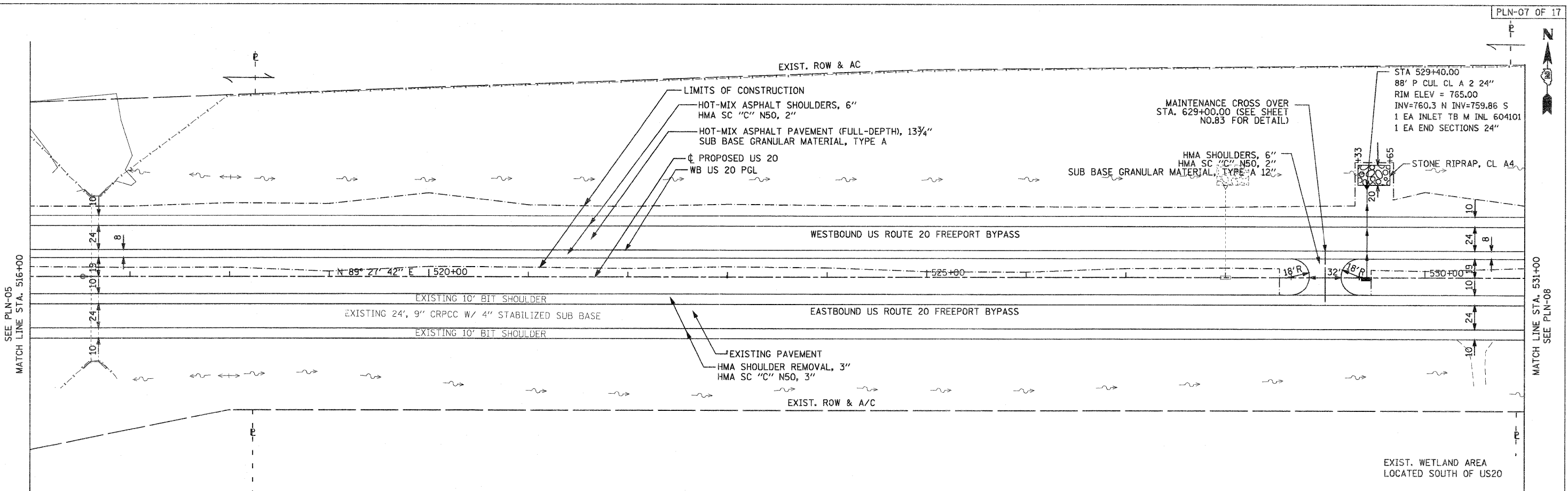
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROFILE
 WESTBOUND U.S. ROUTE 20
 SCALE: 1"=50' SHEET NO. 6 OF 17 SHEETS STA. 501+00 TO STA. 516+00

Rev. 2-22-12		PLN-06 OF 17	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
301	177-2-1	STEPHENSON	211
FINAL SUBMITTAL		CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03			

PLAN	SURVEYED	DATE
	PLOTTED	
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	BY	
	NO. OF	
	FILE	
	NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF	
	NOTATIONS	
	CR'D	
	NO.	



STAGE I : STA. 516+00 TO STA. 531+00	
EARTH EXCAVATION	1576 CU.YDS
EMBANKMENT	408 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	774 CU.YDS

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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60604, (312) 783-6160

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 3/8" = 1' / IN.	DRAWN - MMS	REVISED -
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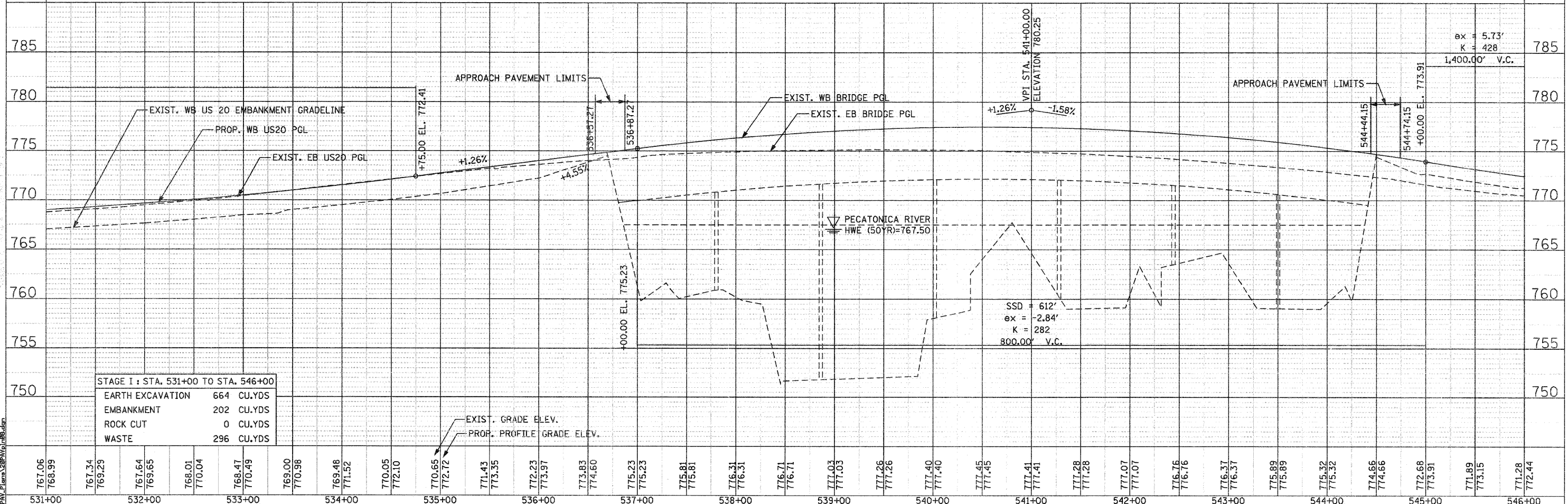
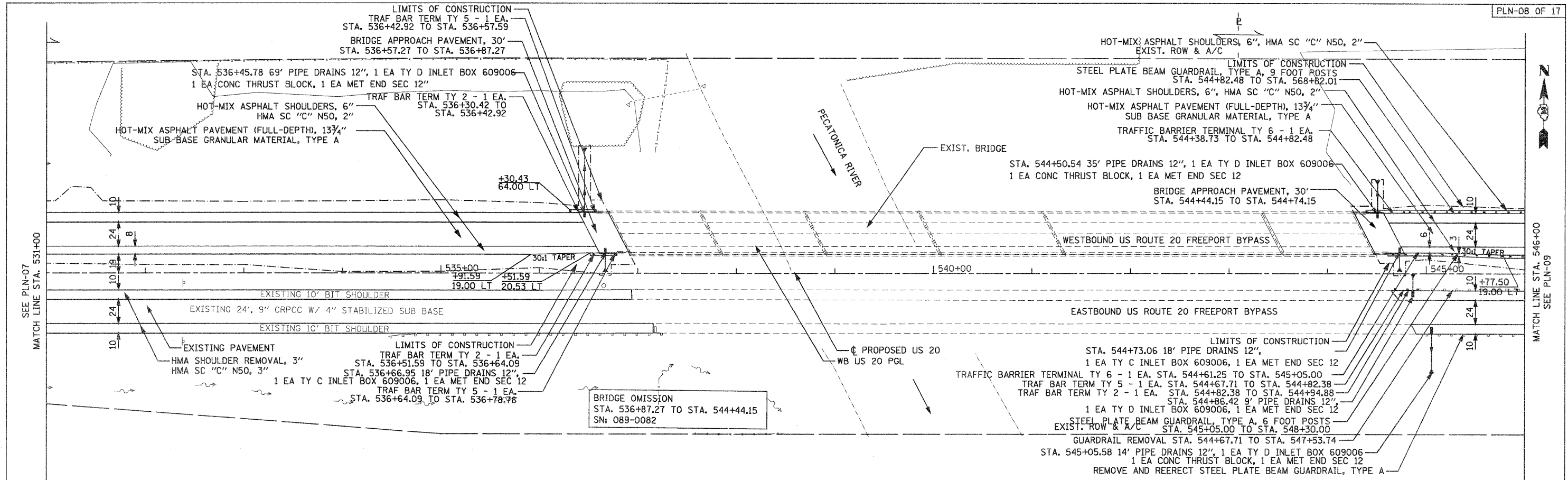
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 WESTBOUND U.S. ROUTE 20
 SCALE: 1"=50' SHEET NO. 7 OF 17 SHEETS STA. 516+00 TO STA. 531+00

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 44
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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

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



STAGE I : STA. 531+00 TO STA. 546+00	
EARTH EXCAVATION	664 CU.YDS
EMBANKMENT	202 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	296 CU.YDS

767.06	768.99	767.34	769.29	767.64	769.65	768.01	770.04	768.47	770.49	769.00	770.98	769.48	771.52	770.05	772.10	770.65	772.72	771.43	773.35	772.23	773.97	773.83	774.60	775.23	775.23	775.81	775.81	776.31	776.31	776.71	776.71	777.03	777.03	777.26	777.26	777.40	777.40	777.45	777.45	777.41	777.41	777.28	777.28	777.07	777.07	776.76	776.76	776.37	776.37	775.89	775.89	775.32	775.32	774.66	774.66	772.68	773.91	771.89	773.15	771.28	772.44
531+00	532+00	533+00	534+00	535+00	536+00	537+00	538+00	539+00	540+00	541+00	542+00	543+00	544+00	545+00	546+00																																														

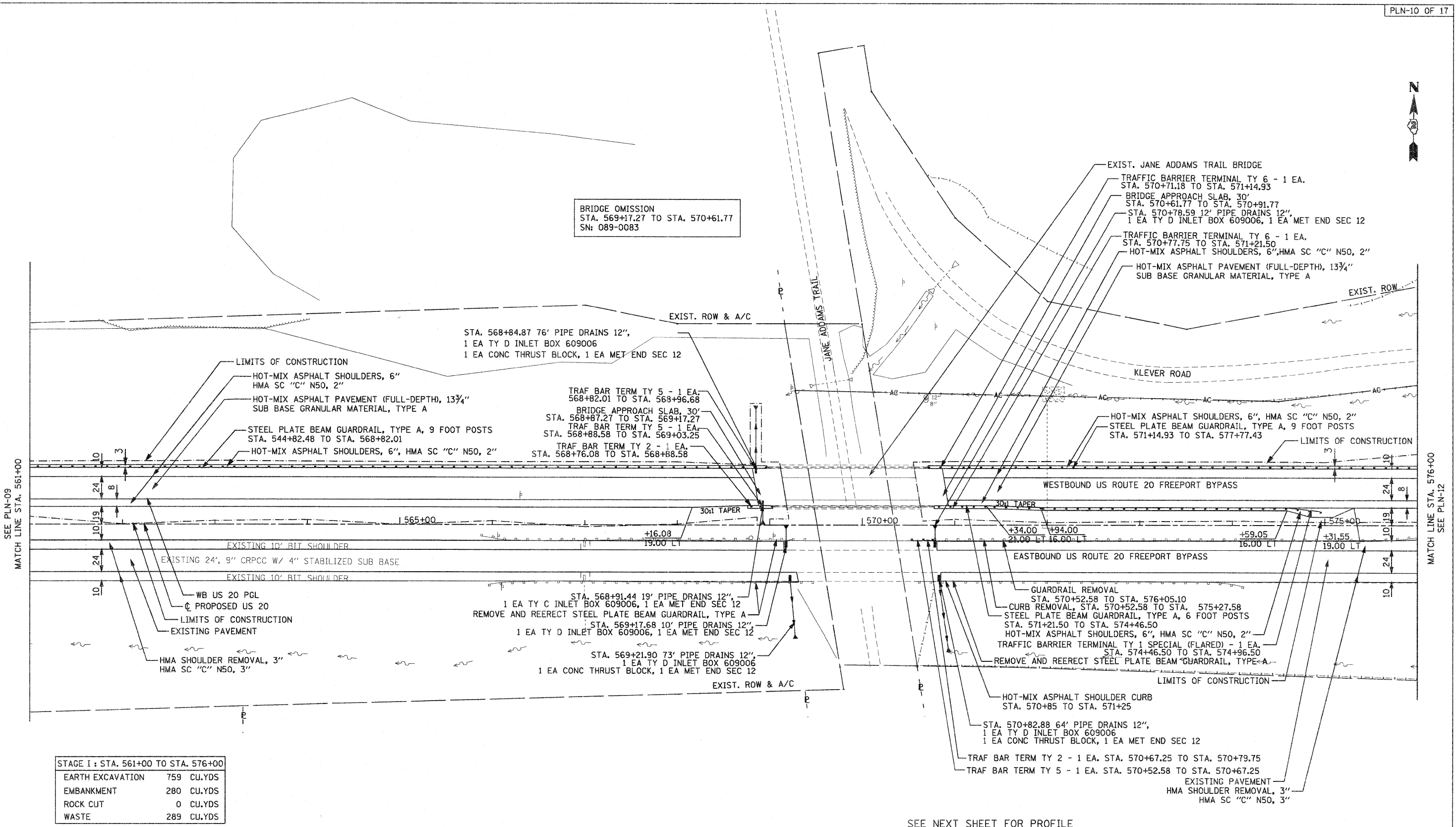
PARSONS BRINCKERHOFF
 280 West Madison St., Suite 900
 Chicago, IL 60604, (312) 783-8180

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 WESTBOUND U.S. ROUTE 20
 SCALE: 1"=50' SHEET NO. 8 OF 17 SHEETS STA. 531+00 TO STA. 546+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	45
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				



STAGE I : STA. 561+00 TO STA. 576+00

EARTH EXCAVATION	759 CU.YDS
EMBANKMENT	280 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	289 CU.YDS

SEE NEXT SHEET FOR PROFILE

PARSONS BRINCKERHOFF
 330 West Monroe St., Suite 900
 Chicago, IL 60604 (312) 783-8100

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

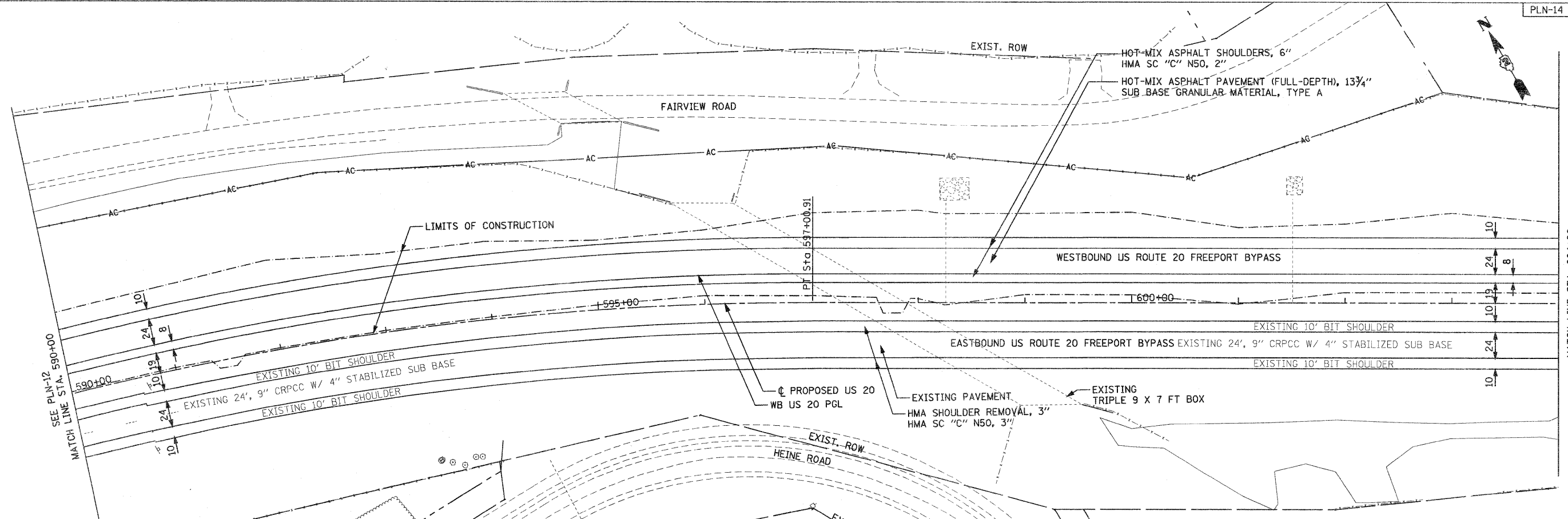
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN	
WESTBOUND U.S. ROUTE 20	
SCALE: 1"=50'	SHEET NO. 10 OF 17 SHEETS
STA. 561+00 TO STA. 576+00	

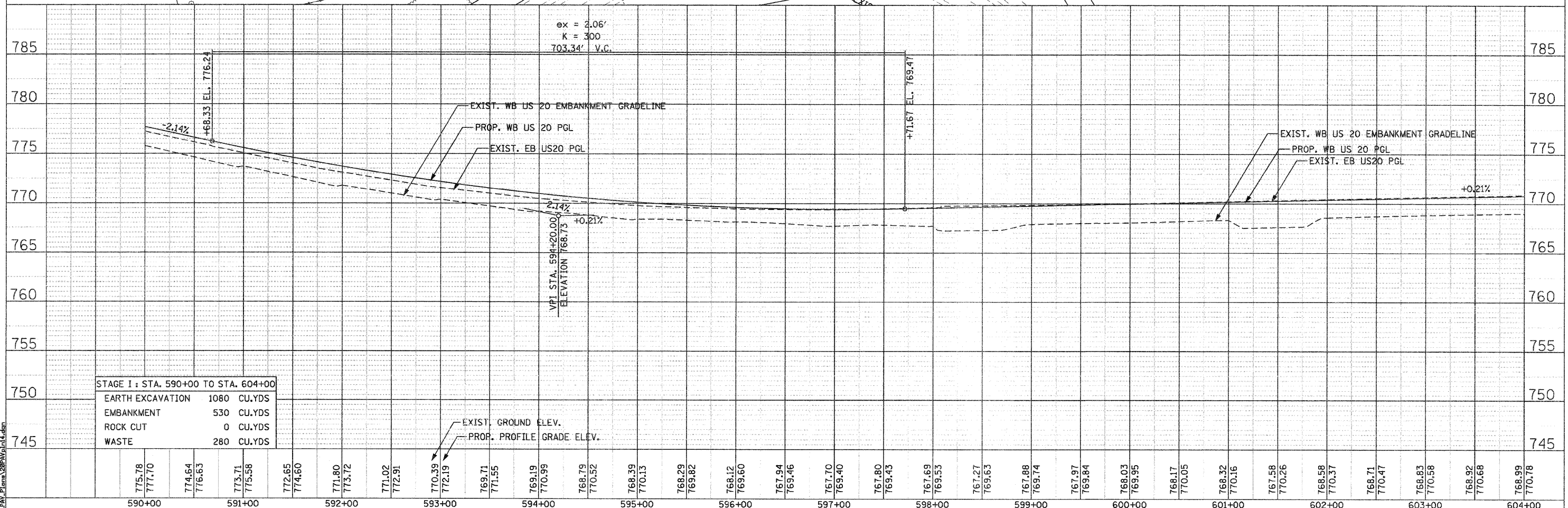
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	47
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

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



PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	ADD. FILE NAME	
	NO.	



STAGE I : STA. 590+00 TO STA. 604+00	
EARTH EXCAVATION	1080 CU.YDS
EMBANKMENT	530 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	280 CU.YDS

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PARSONS BRINCKERHOFF
 280 West Monroe St. Suite 900
 Chicago, IL 60606 (312) 762-8180

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 WESTBOUND U.S. ROUTE 20
 SCALE: 1"=50'
 SHEET NO. 14 OF 17 SHEETS
 STA. 590+00 TO STA. 604+00
 Rev. 2-22-12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	51
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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

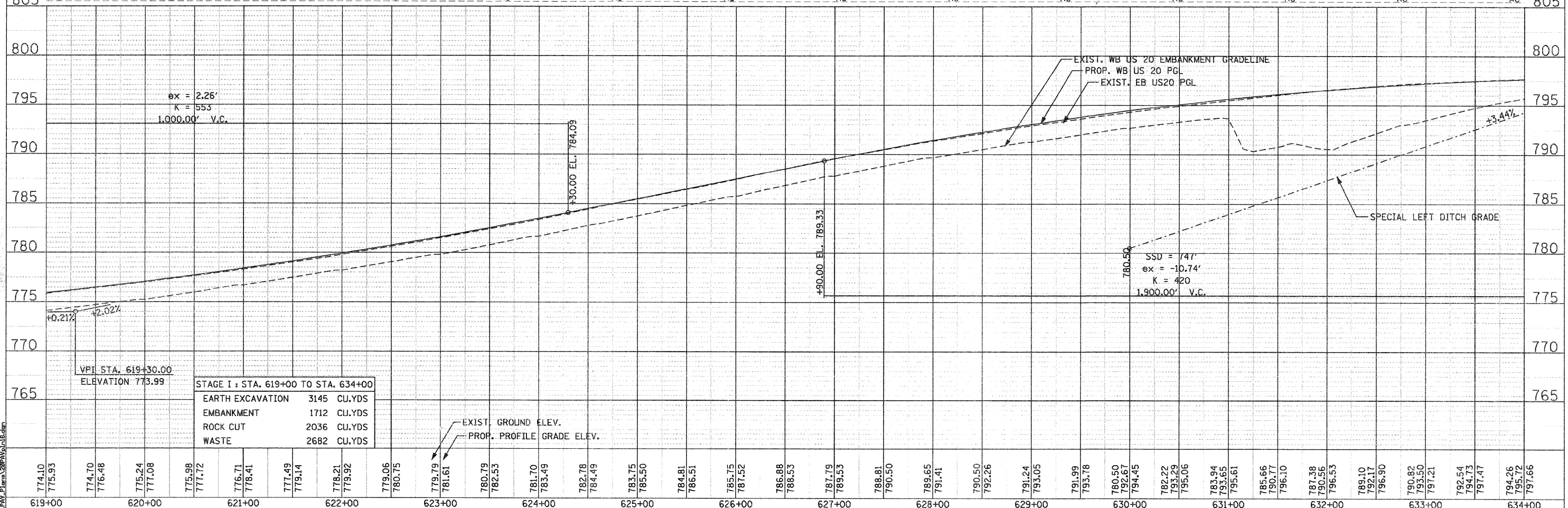
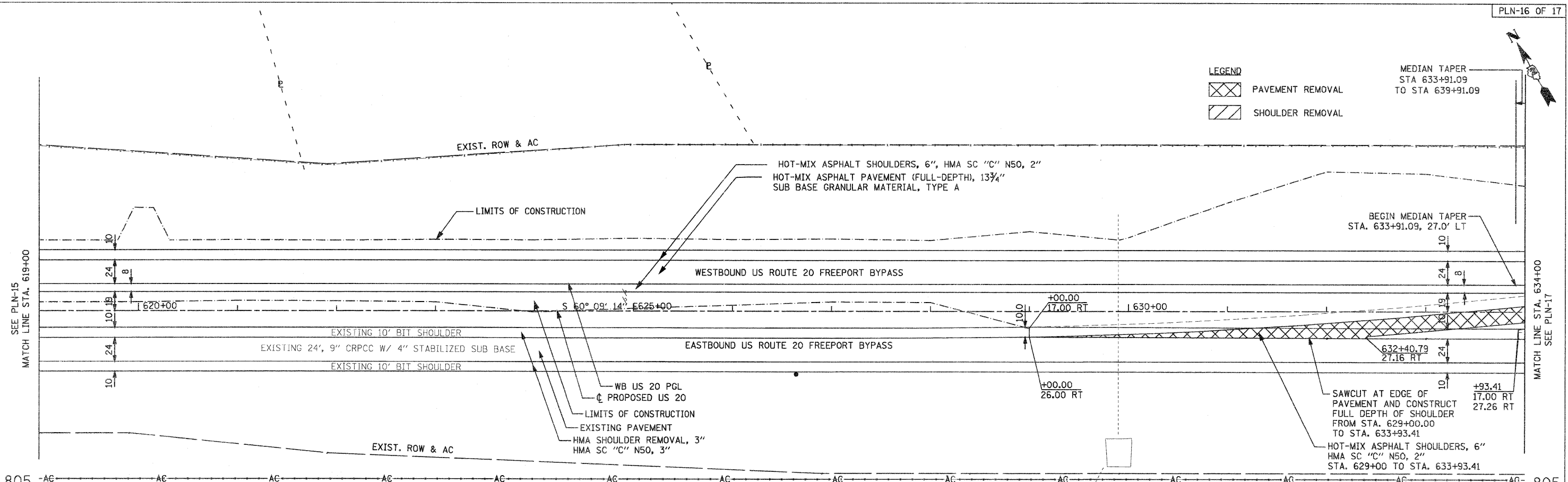
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	REVISIONS		
	NO. OF		
	REVISIONS		
	DATE		
	BY		
	DATE		

LEGEND

PAVEMENT REMOVAL

SHOULDER REMOVAL

MEDIAN TAPER
STA 633+91.09
TO STA 639+91.09



STAGE I : STA. 619+00 TO STA. 634+00

EARTH EXCAVATION	3145	CU.YDS
EMBANKMENT	1712	CU.YDS
ROCK CUT	2036	CU.YDS
WASTE	2682	CU.YDS

T:\16804\PLAN\PLAN16.Plot.dwg

PARSONS BRINCKERHOFF
280 West Monroe St. Suite 800
Chicago, IL 60604 (312) 782-6160

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DATE - 12/02/2011		

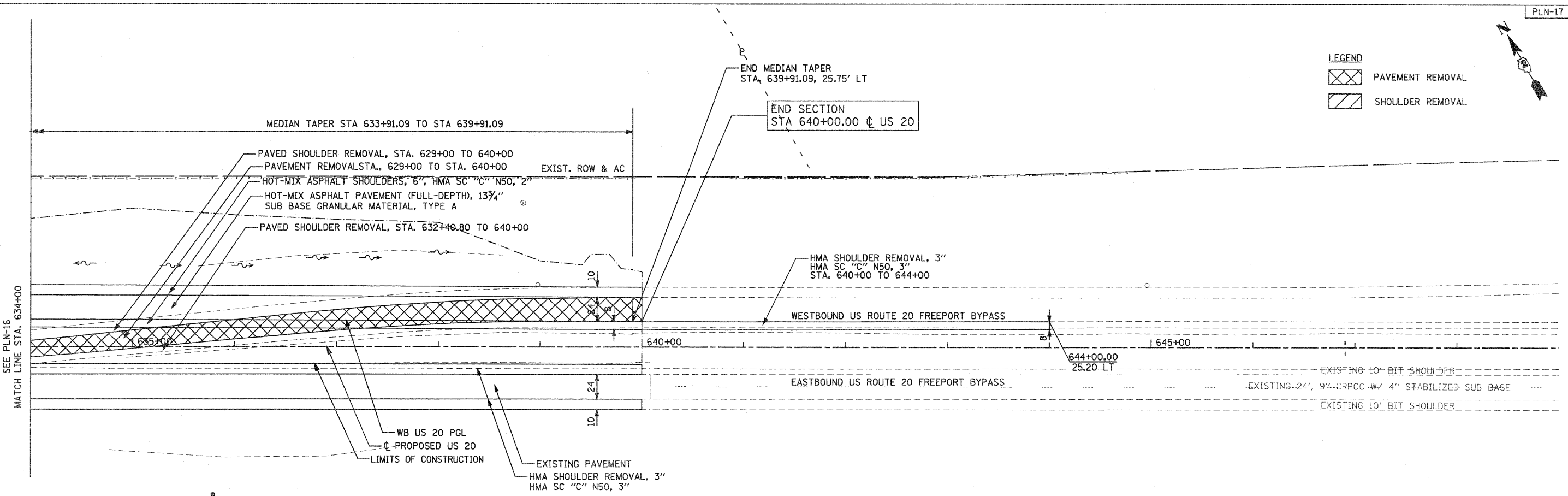
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WESTBOUND U.S. ROUTE 20
SCALE: 1"=50'
SHEET NO. 16 OF 17 SHEETS
STA. 619+00 TO STA. 634+00

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 53
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



LEGEND
 PAVEMENT REMOVAL
 SHOULDER REMOVAL

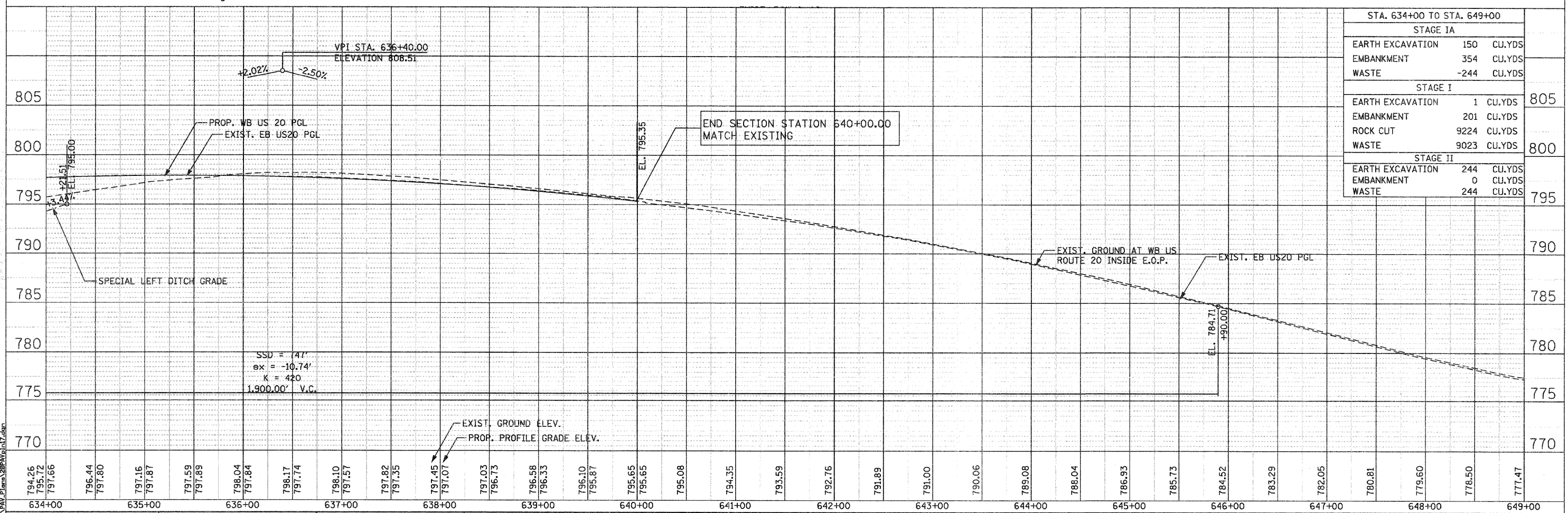


PLAN

DATE	
BY	
CHECKED	
PLotted	
Reviewed	
Struct. Note	
Structure	
NO.	
NO.	
NO.	
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PROFILE

DATE	
BY	
CHECKED	
Plotted	
Reviewed	
Struct. Note	
Structure	
NO.	
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STA. 634+00 TO STA. 649+00		
STAGE IA		
EARTH EXCAVATION	150	CU.YDS
EMBANKMENT	354	CU.YDS
WASTE	-244	CU.YDS
STAGE I		
EARTH EXCAVATION	1	CU.YDS
EMBANKMENT	201	CU.YDS
ROCK CUT	9224	CU.YDS
WASTE	9023	CU.YDS
STAGE II		
EARTH EXCAVATION	244	CU.YDS
EMBANKMENT	0	CU.YDS
WASTE	244	CU.YDS

PARSONS BRINCKERHOFF 280 West Monroe St, Suite 900 Chicago, IL 60606 (312) 763-8100	USER NAME = MMS	DESIGNED - MMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WESTBOUND U.S. ROUTE 20 Rev. 2-22-12	F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 54	
	PLOT SCALE = 50.00' / IN.	CHECKED - RMH	REVISED -			SCALE: 1"=50'	SHEET NO. 17 OF 17 SHEETS	STA. 634+00 TO STA. 649+00	FINAL SUBMITTAL		CONTRACT NO. 64860
	PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -						[ILLINOIS] FED. AID PROJECT P-92-014-03		

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE

STAGE IA

- MILL AND RESURFACE EXISTING EB OUTSIDE SHOULDER FROM STA. 463+36.08 TO STA. 474+14.04, EXISTING EB INSIDE SHOULDER FROM STA. 635+75.00 TO STA. 640+00.00 AND EXISTING WB INSIDE SHOULDER FROM STA. 640+00.00 TO STA. 644+00.00.
- CONSTRUCT TEMPORARY PAVEMENT FROM STA. 637+30.00 TO STA. 644+00.00 ALONG US 20 AS SHOWN IN MOT PLANS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701001, 701006 701011 AND 701326.

STAGE I

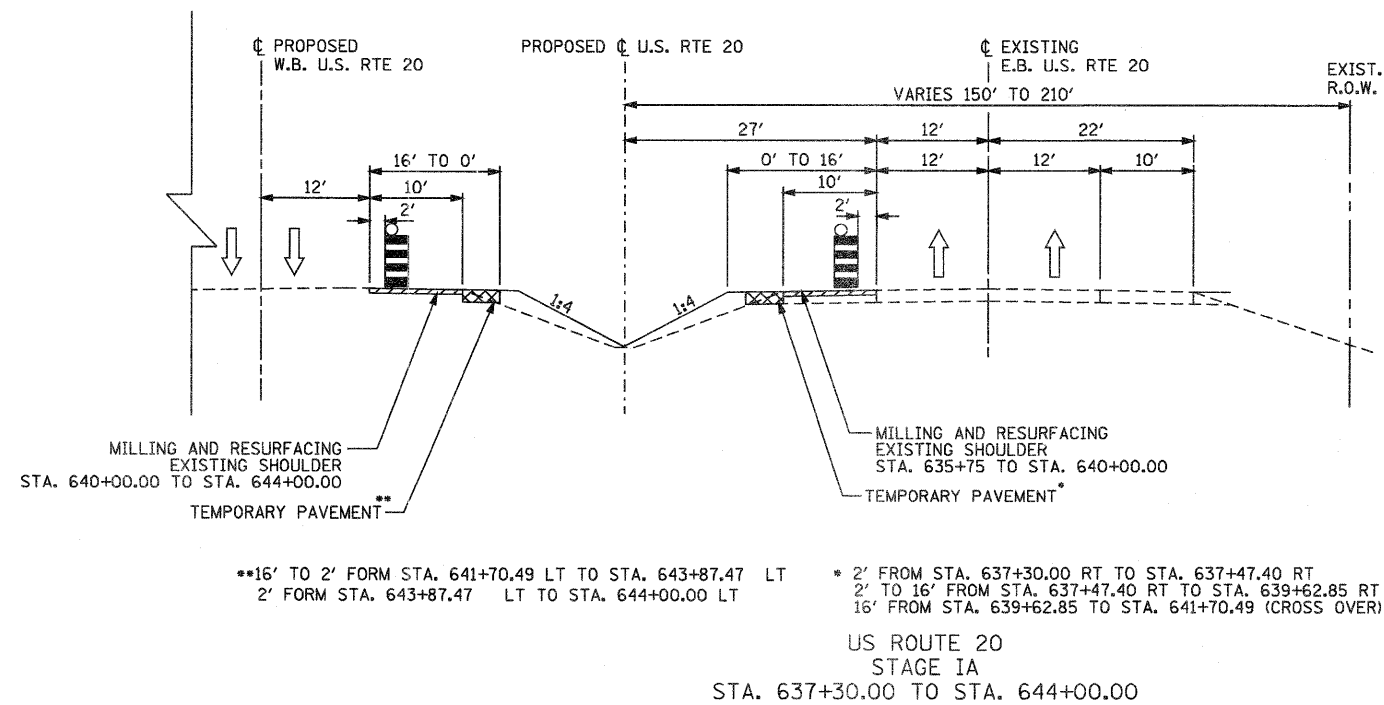
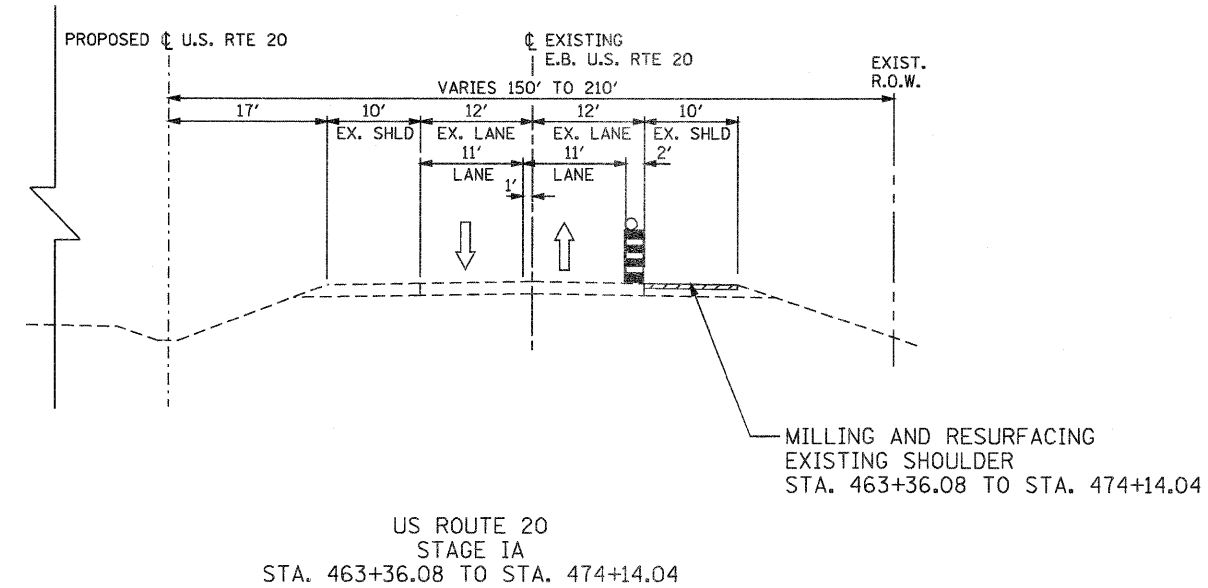
- REMOVE EXISTING PAVEMENT MARKINGS, INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701331, 701400, 701401 AND 701411.
- TRAFFIC CONTROL DEVICES SHALL REMAIN CONSISTENT THROUGHOUT THE LENGTH OF THE STAGE I CONSTRUCTION FOR US 20, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- CONSTRUCT PROPOSED WB PAVEMENT FROM STA. 466+11.08 TO STA. 640+00.00 ALONG US20 AS SHOWN IN PLANS.
- EXISTING SHOULDER AND PAVEMENT TO BE REMOVED PRIOR TO CONSTRUCTING PROPOSED PAVEMENT AND SHOULDER ALONG US 20 FROM STA. 466+11.08 TO STA. 471+38.61 AND FROM STA. 629+00.00 TO STA. 640+00.00.

STAGE II

- REMOVE TEMPORARY PAVEMENT, CONSTRUCT PROPOSED SHOULDER AND PERFORM FINAL GRADING OF DITCHES ALONG US 20 EB FROM STA. 637+30.00 TO STA. 644+00.00 AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701011 AND 701401.
- INSTALL PROPOSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS AS SHOWN IN THE PLAN AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701301, 701311 AND 701426.
- RESURFACE EXISTING EB OUTSIDE SHOULDER AND PATCH EXISTING OUTSIDE LANE. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701401.

STAGE III

- RESURFACE EXISTING EB INSIDE SHOULDER AND PATCH EXISTING INSIDE LANE. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701401.



LEGEND

- DRUM WITH STEADY BURNING MONO DIRECTION LIGHT AT 50' C-C
- WORK ZONE
- DIRECTION OF TRAFFIC
- VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

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PARSONS BRINCKERHOFF
280 West Monroe St, Suite 800
Chicago, IL 60606, (312) 768-6160

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND STAGING
NOTES AND DETAILS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 55
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE

STAGE IA

- MILL AND RESURFACE EXISTING EB OUTSIDE SHOULDER FROM STA. 463+36.08 TO STA. 474+14.04, EXISTING EB INSIDE SHOULDER FROM STA. 635+75.00 TO STA. 640+00.00 AND EXISTING WB INSIDE SHOULDER FROM STA. 640+00.00 TO STA. 644+00.00.
- CONSTRUCT TEMPORARY PAVEMENT FROM STA. 637+30.00 TO STA. 644+00.00 ALONG US 20 AS SHOWN IN MOT PLANS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701001, 701006 701011 AND 701326.

STAGE I

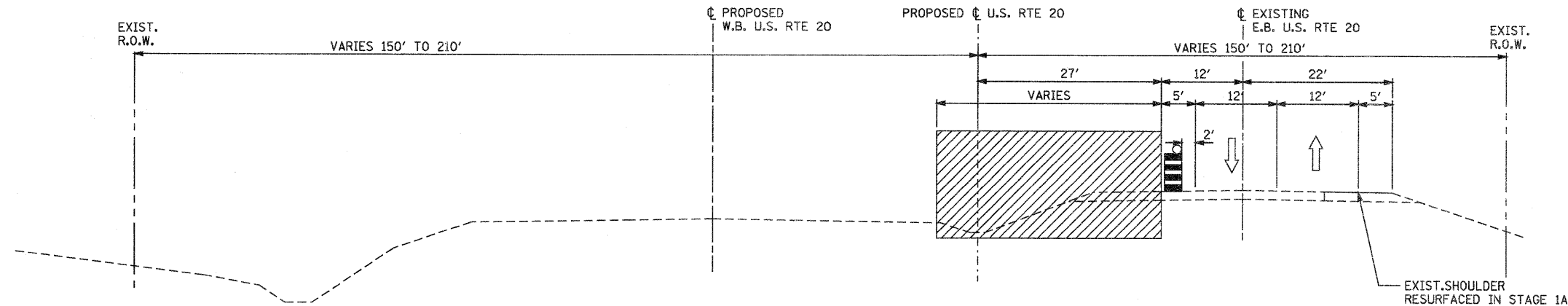
- REMOVE EXISTING PAVEMENT MARKINGS, INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701331, 701400, 701401 AND 701411.
- TRAFFIC CONTROL DEVICES SHALL REMAIN CONSISTENT THROUGHOUT THE LENGTH OF THE STAGE I CONSTRUCTION FOR US 20, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- CONSTRUCT PROPOSED WB PAVEMENT FROM STA. 466+11.08 TO STA. 640+00.00 ALONG US20 AS SHOWN IN PLANS.
- EXISTING SHOULDER AND PAVEMENT TO BE REMOVED PRIOR TO CONSTRUCTING PROPOSED PAVEMENT AND SHOULDER ALONG US 20 FROM STA. 466+11.08 TO STA. 471+38.61 AND FROM STA. 629+00.00 TO STA. 640+00.00.

STAGE II

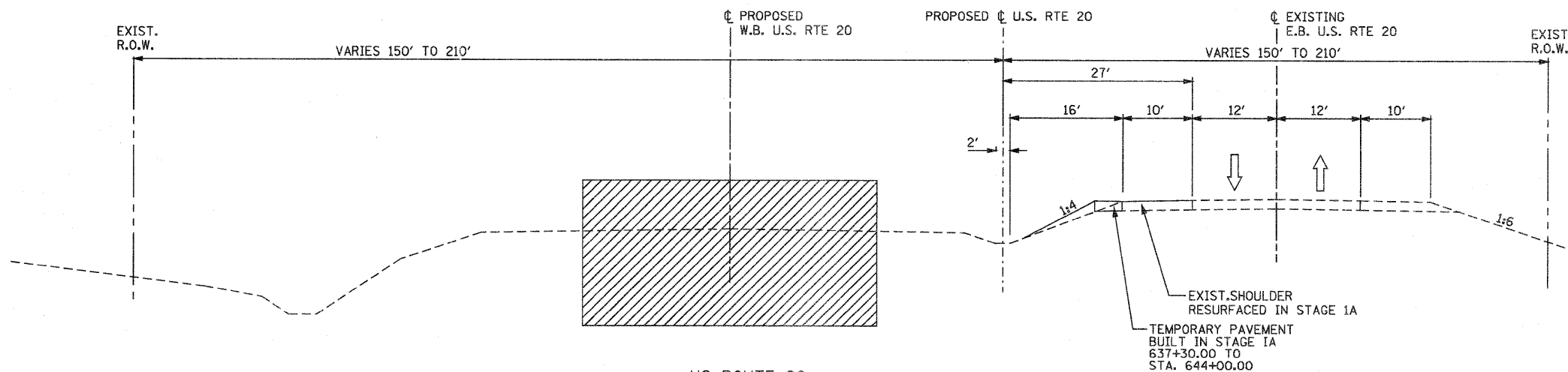
- REMOVE TEMPORARY PAVEMENT, CONSTRUCT PROPOSED SHOULDER AND PERFORM FINAL GRADING OF DITCHES ALONG US 20 EB FROM STA. 637+30.00 TO STA. 644+00.00 AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701011 AND 701401.
- INSTALL PROPOSED PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS AS SHOWN IN THE PLAN AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701301, 701311 AND 701426.
- RESURFACE EXISTING EB OUTSIDE SHOULDER AND PATCH EXISTING OUTSIDE LANE. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701401.

STAGE III

- RESURFACE EXISTING EB INSIDE SHOULDER AND PATCH EXISTING INSIDE LANE. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD 701401.



US ROUTE 20
STAGE I
STA. 463+36.08 TO STA. 474+14.04



US ROUTE 20
STAGE I
STA. 474+14.04 TO STA. 640+00.00

LEGEND

- DRUM WITH STEADY BURNING MONO DIRECTION LIGHT AT 50' C-C
- WORK ZONE
- DIRECTION OF TRAFFIC
- VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

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PARSONS BRINCKERHOFF
280 West Monroe St., Suite 200
Chicago, IL 60606, (312) 783-8160

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PLOT DATE = 9/28/11	DATE -	REVISED -

STATE OF ILLINOIS
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









TRAFFIC CONTROL AND STAGING
NOTES AND DETAILS

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	56
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				

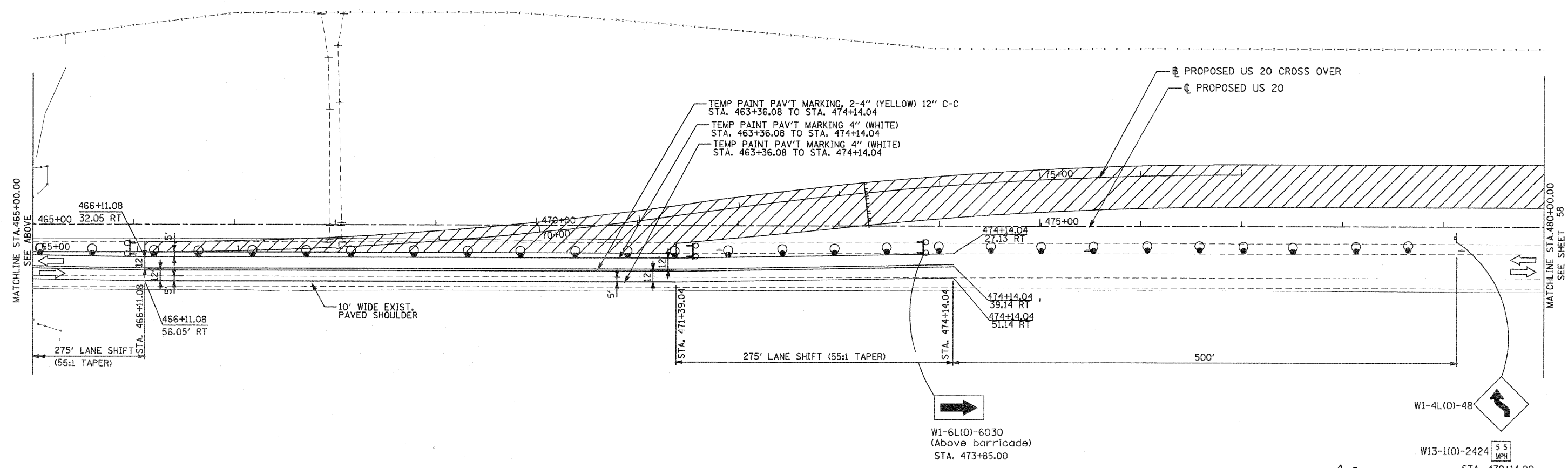
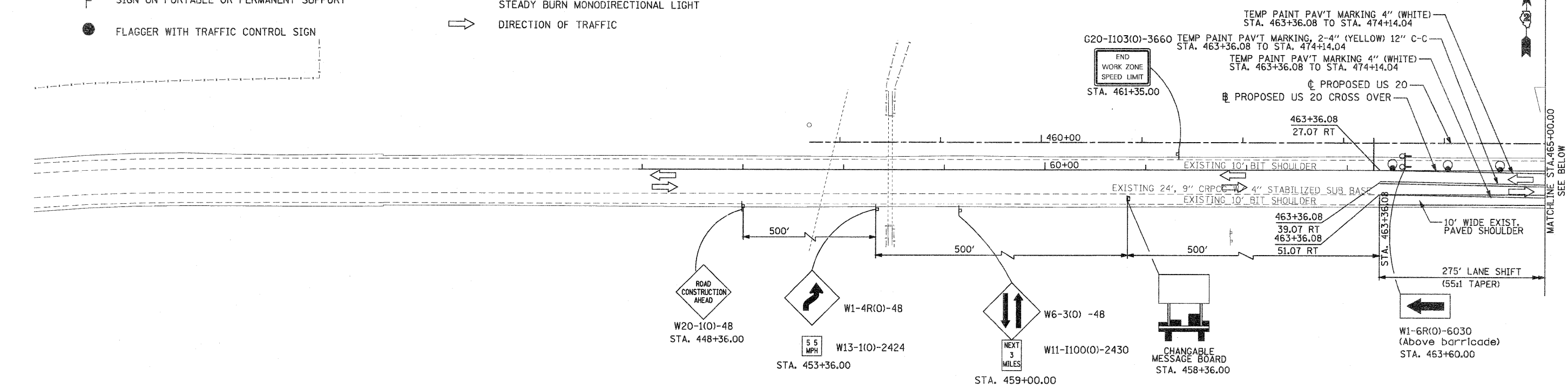
Rev. 2-22-12

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
-  TEMPORARY PAVEMENT
-  VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS

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 AND AT THE CONTRACT UNIT PRICE PER EACH AS TRAFFIC CONTROL AND PROTECTION STANDARDS 701331 AND 701411.



PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606 (312) 783-6180

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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - #CH DATE#	REVISED -











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 DEPARTMENT OF TRANSPORTATION**

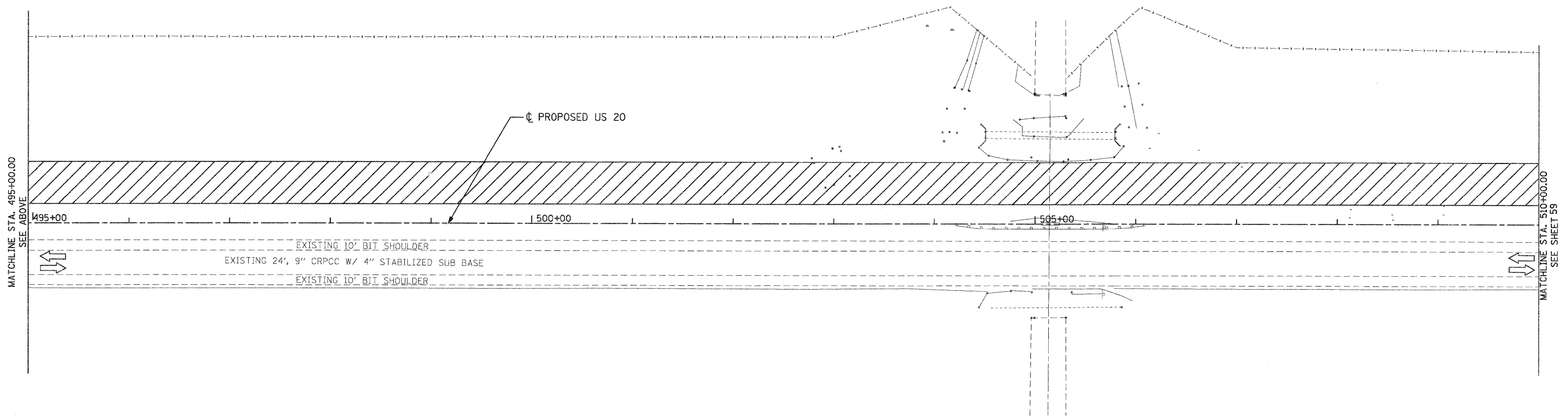
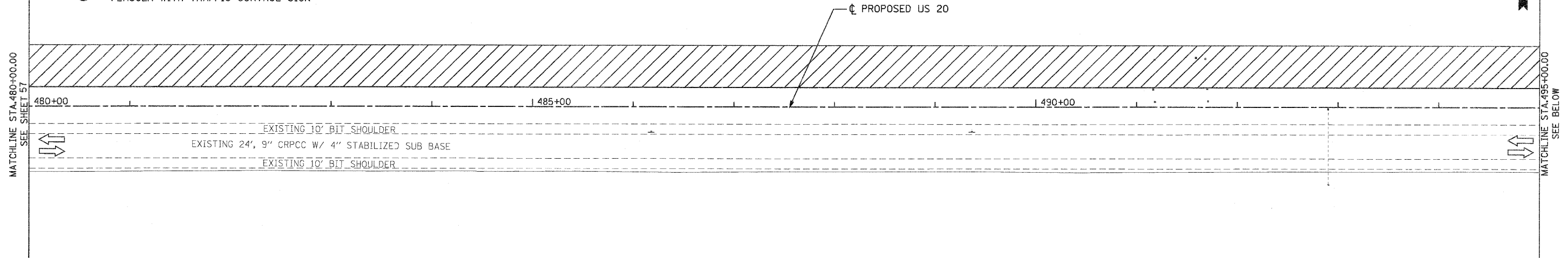
**TRAFFIC CONTROL AND STAGING
 STAGE I**

SCALE: 1"=50' SHEET NO. 1 OF 8 SHEETS STA. 457+30.00 TO STA. 480+00.00

Rev. 2-22-12		TOTAL SHEETS		SHEET NO.	
F.A. RTE.	SECTION	COUNTY	211	57	
301	177-2-1	STEPHENSON			
FINAL SUBMITTAL			CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-D14-03					

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
-  TEMPORARY PAVEMENT
-  VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS



PARSONS BRINCKERHOFF
 250 West Monroe St., Suite 900
 Chicago, IL 60606 (312) 782-8150

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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - #CH DATE#	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND STAGING
 STAGE I**

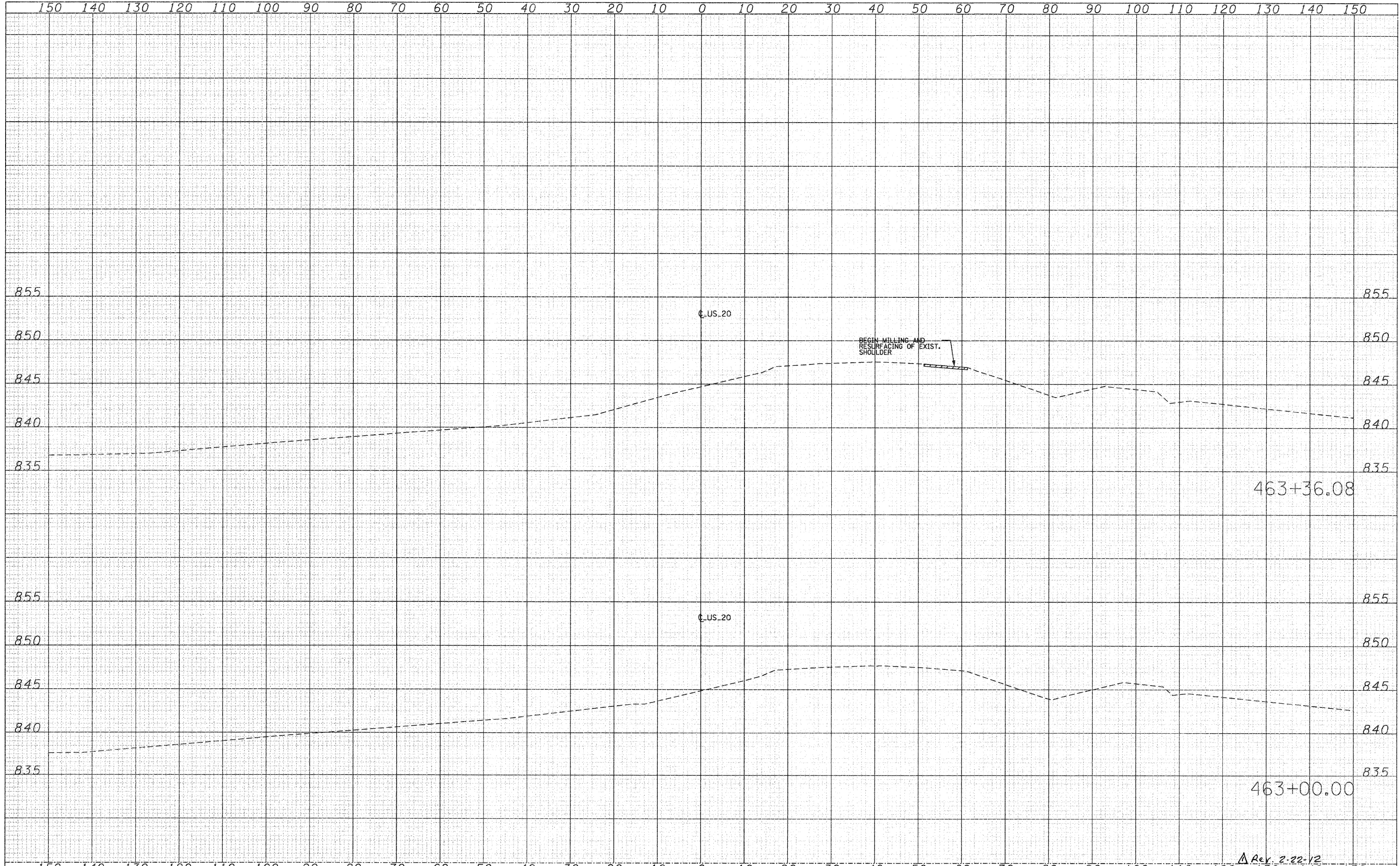
SCALE: 1"=50' SHEET NO. 2 OF 8 SHEETS STA. 480+00.00 TO STA. 510+00.00

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 58
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12

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

DATE	BY	SURVEYED	DATE
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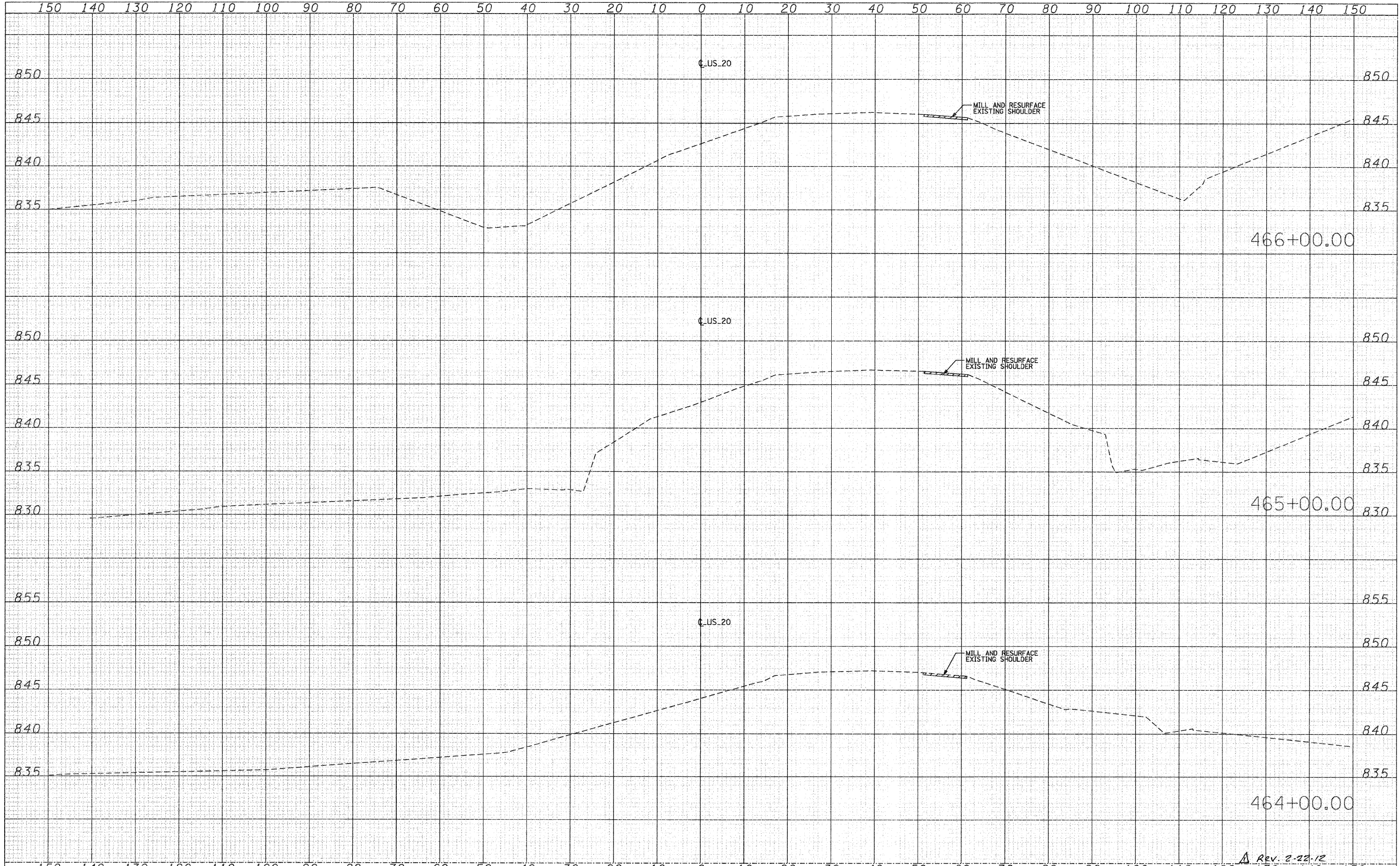


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T:\16814\CV1\PAV. Xhta\28PAV_XS_NOTIA-sheet.dgn		DRAWN -	REVISED -		STAGE IA CROSS SECTIONS		301	177-2-1	STEPHENSON	211	65
		CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 463+00.00 TO STA. 463+30.00		CONTRACT NO. 64860		
		DATE -	REVISED -		[ILLINOIS] FED. AID PROJECT						

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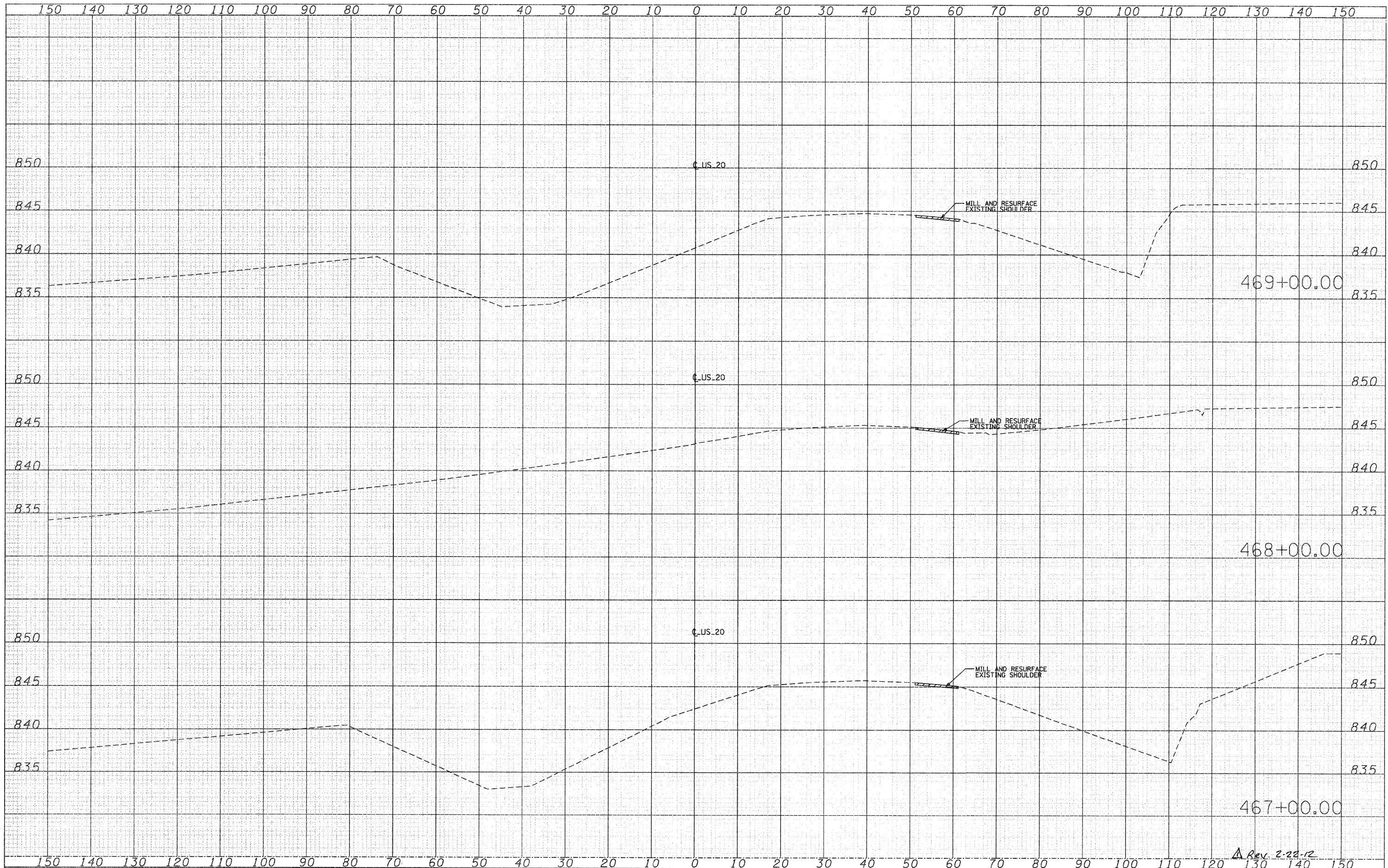


FILE NAME =	USER NAME = MMS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND STAGING STAGE IA CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
T:\18814A\Csv1\PAV_Kaha\28PAV_XS_MGTIA-sheet1.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. 464+00.00 TO STA. 466+00.00	301	177-2-1	STEPHENSON	211	66
		PLOT SCALE = 10,0000' / IN.	REVISED -										
		PLOT DATE = 9/28/11	REVISED -										
											CONTRACT NO. 64860		
											ILLINOIS FED. AID PROJECT		

Rev. 2-22-12

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PLOTTED	
TEMPLATE	
NOTE BOOK	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

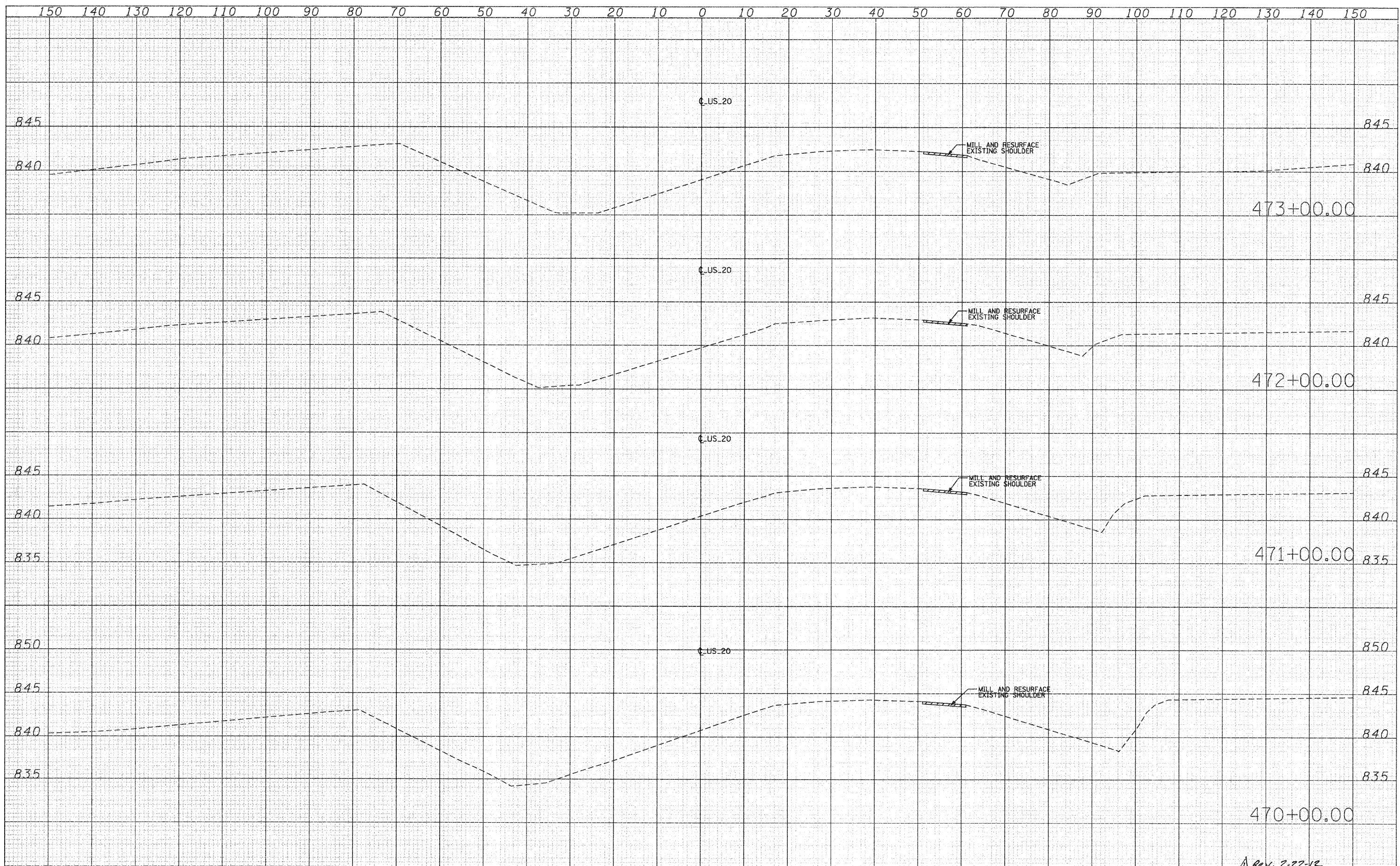


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T:\16814A\Civil\PAV. Xahta\28PAV.XS.MDTIA-sheets.dgn		DRAWN -	REVISED -		STAGE IA CROSS SECTIONS		301	177-2-1	STEPHENSON	211	67
PLOT SCALE = 18,0000' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 467+00.00 TO STA. 469+00.00		CONTRACT NO. 64860		
PLOT DATE = 9/28/11		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

Rev. 2-28-12

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NOTE BOOK	
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ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
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Rev. 2-22-12

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DESIGNED -	REVISED -
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DATE -	REVISED -

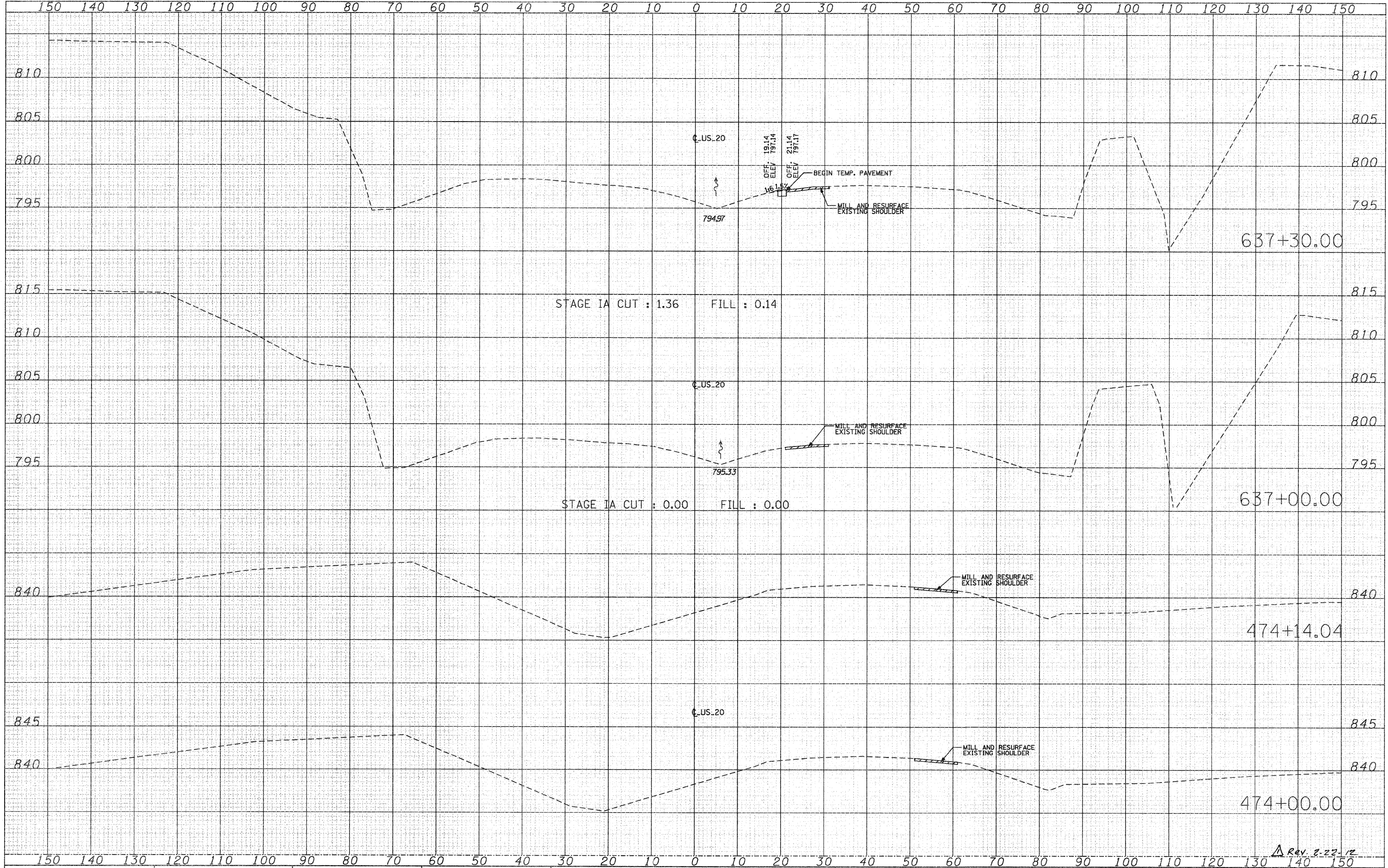
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND STAGING STAGE IA CROSS SECTIONS	
SCALE:	SHEET NO. OF SHEETS STA. 470+00.00 TO STA. 473+00.00

F.A.P. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 68
CONTRACT NO. 64860				ILLINOIS FED. AID PROJECT

DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
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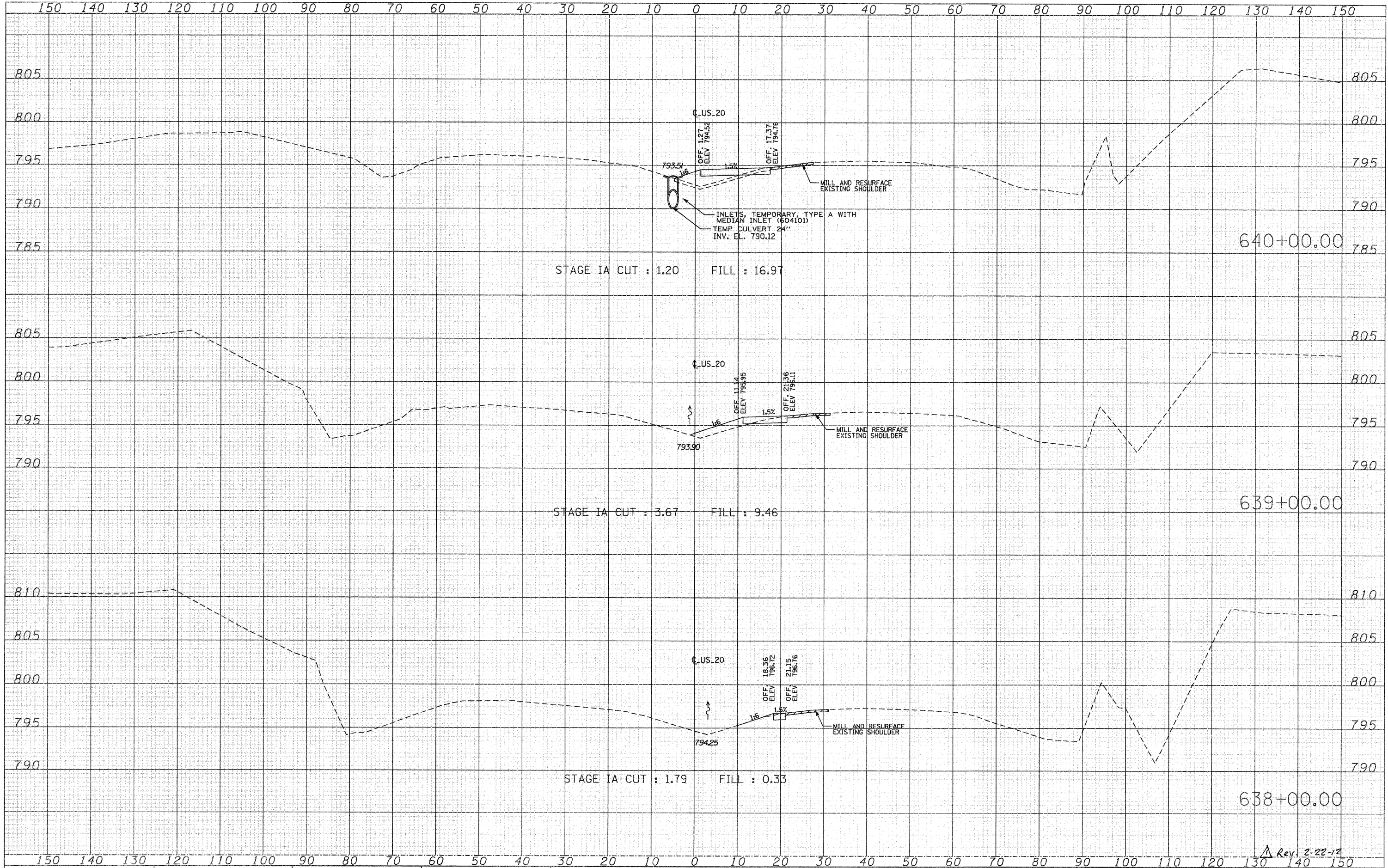
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T:\6814A\Civil\PAV. Xetra\28PAV_XS_HDTIA-sheet.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 473+25.00 TO STA. 637+30.00	301	177-2-1	STEPHENSON	211	69	
		CHECKED -	REVISED -										
		DATE -	REVISED -										

Rev. 2-22-12

ILLINOIS FED. AID PROJECT

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NOTE BOOK	
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NOTE BOOK	
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Rev. 2-22-14

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PLOT DATE = 9/28/11	

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

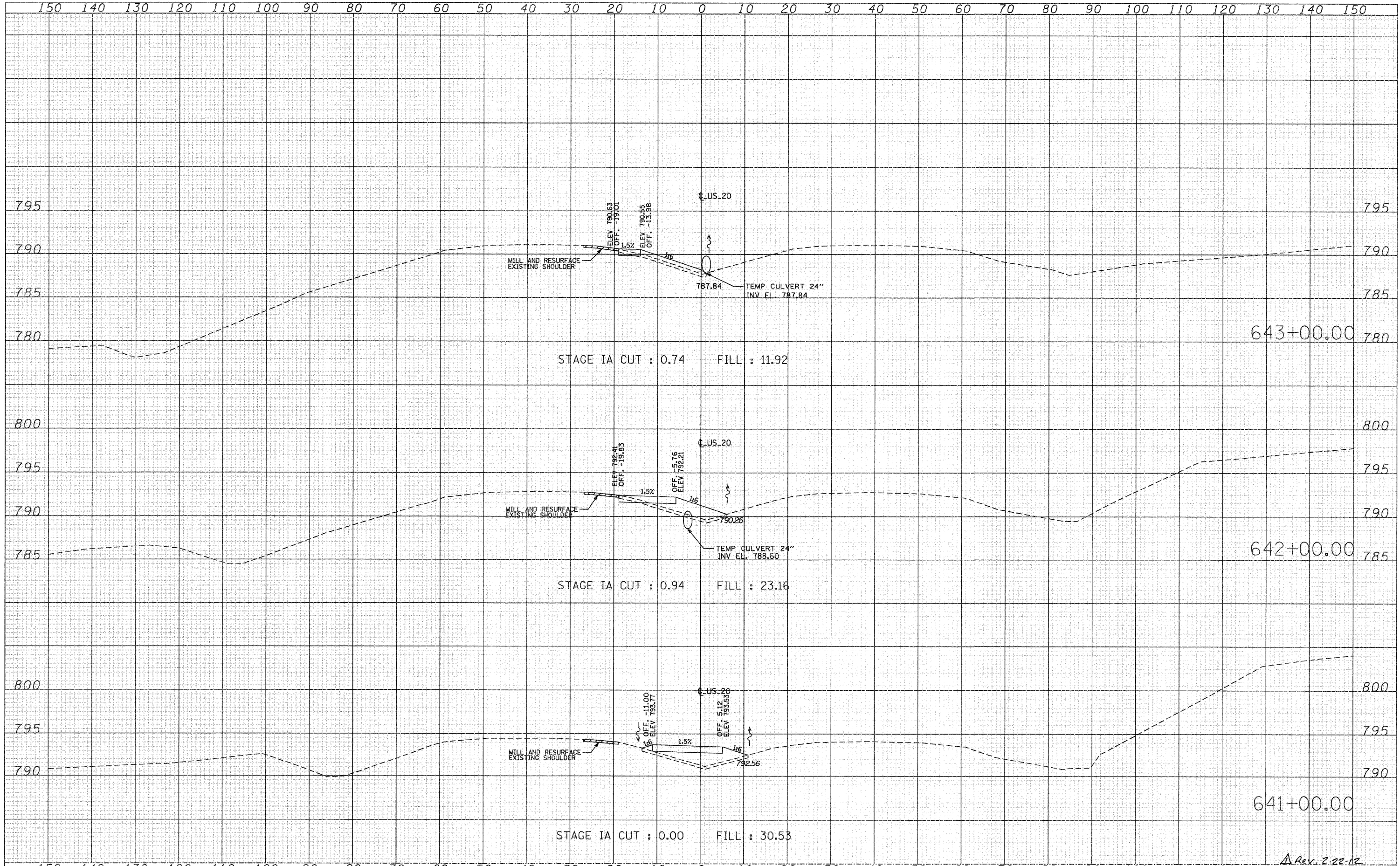
TRAFFIC CONTROL AND STAGING
STAGE IA CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 638+00.00 TO STA. 640+00.00

F.A.P. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 70
			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
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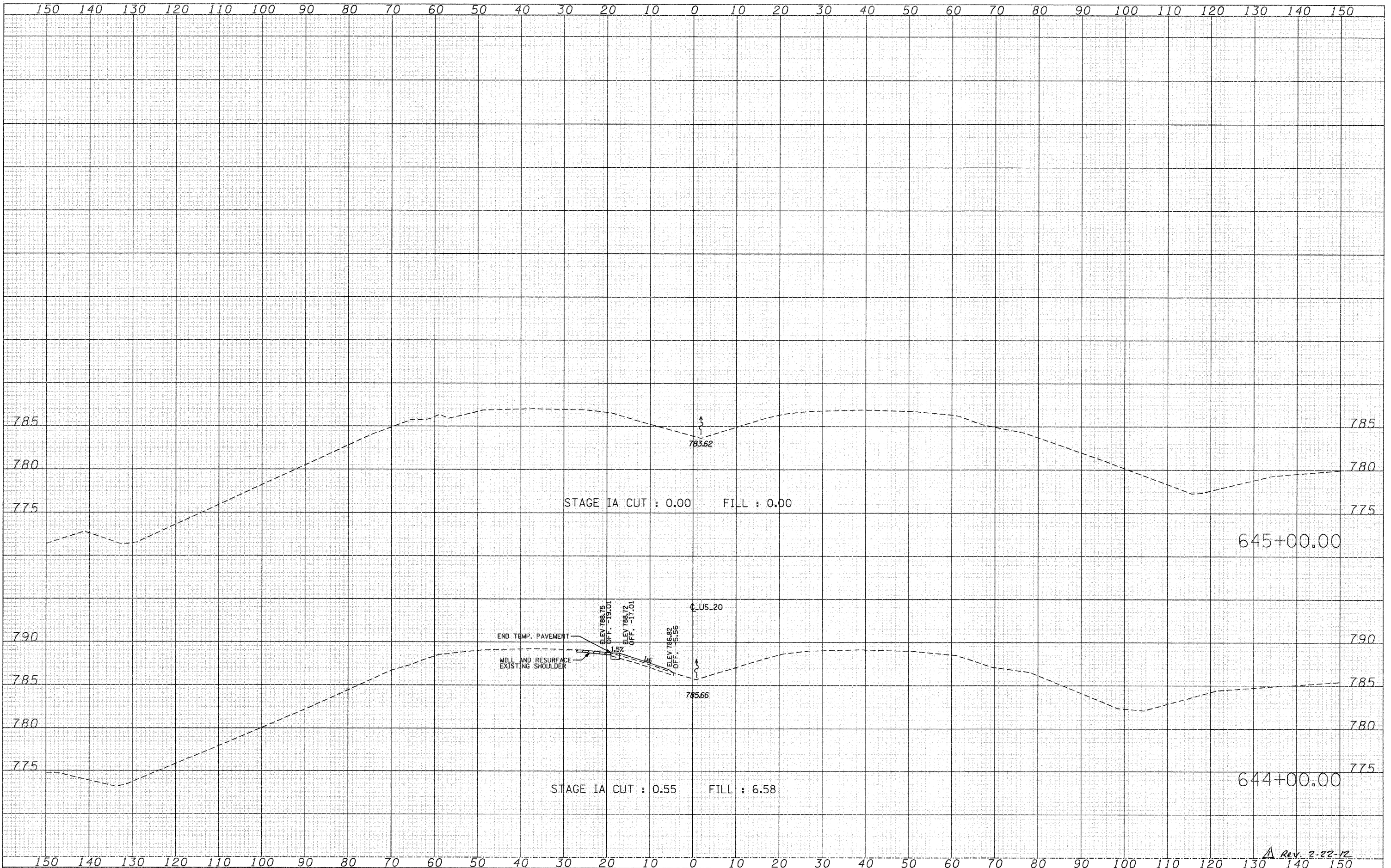


Rev. 2-22-12

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PLOT SCALE = 10,0000' / IN.		CHECKED -	REVISED -					SCALE:	SHEET NO. OF SHEETS	STA. 641+00.00 TO STA. 643+00.00	CONTRACT NO. 64860		
PLOT DATE = 9/28/11		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	REPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	REPLATE	
	AREAS CHECKED	



Rev. 2-22-12

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PLOT DATE = 9/28/11	

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND STAGING
STAGE IA CROSS SECTIONS**

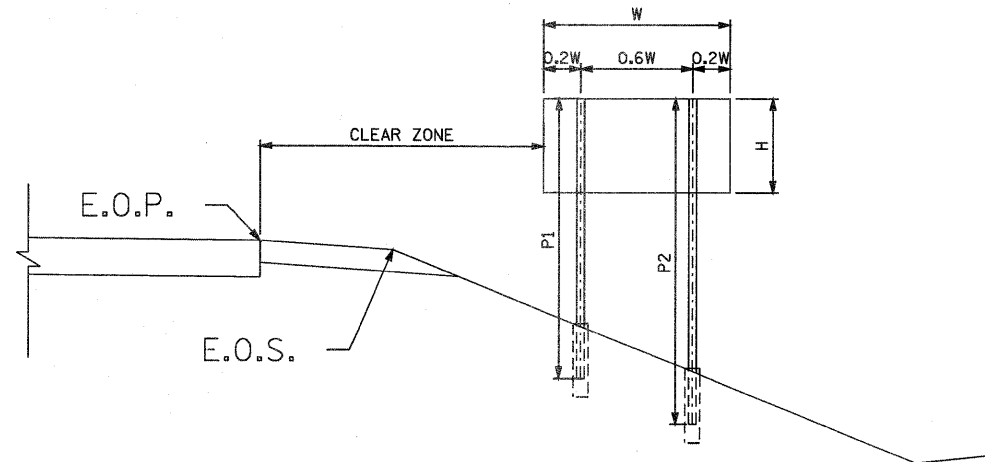
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	72
				CONTRACT NO. 64860
ILLINOIS FED. AID PROJECT				

SIGN SCHEDULE

ALIGNMENT	STATION	LOCATION	SIGN CODE	DESCRIPTION	PANEL WIDTH W	PANEL DEPTH H	WOOD SIGN SUPPORT	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	SIGN PANEL TYPE 3	STEEL SIGN SUPPORT - BREAKAWAY							
											STUB POST LENGTH	POST 1 LENGTH P1	POST 2 LENGTH P2	WIDE FLANGE SIZE FOR STEEL POST	REINFORCEMENT BARS, EPOXY COATED	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	CONCRETE FOUNDATION	
											FEET	LF	LF		POUND	POUND	CU. YD	
							73000100	72000100	72000200	72000300					50800205	72700100	73400100	
					FEET	FEET	FOOT	SQ.FT	SQ.FT	SQ.FT	FEET	LF	LF		POUND	POUND	CU. YD	
US 20	467+00	WB RT	WARNING	W6-1	4	4	20	-	16	-					-	-	-	
	471+75	EB LT	REGULATORY	R4-7	3	4	20	-	12	-					-	-	-	
	471+75	EB RT	REGULATORY	R5-1	4	4	20	-	16	-					-	-	-	
	485+00	WB RT	WARNING	W4-2R	4	4	20	-	16	-					-	-	-	
	490+00	WB RT	WARNING	W9-1	4	4	20	-	16	-					-	-	-	
	529+80	WB RT	WARNING	W9-1	4	4	20	-	16	-					-	-	-	
					W16-3a	3	1	-	3	-	-					-	-	-
	596+00	EB RT	SERVICE	"ATTRACTIONS"	20	10	-	-	-	200.0	3.5	28.5	31.5	W14X38	244	2280	4.18	
	604+00	EB RT	SERVICE	"LODGING"	20	10	-	-	-	200.0	3.5	30.7	35.8	W14X38	244	2527	4.18	
	612+00	EB RT	SERVICE	"FOOD"	20	10	-	-	-	200.0	3	27.1	23.6	W14X30	226	1521	3.8	
620+00	EB RT	GUIDE	"IL 26 Freeport Monroe 1 mile"	11.5	12.5	-	-	-	143.75	3.5	31.7	37.3	W14X38	244	2622	4.18		
625+00	WB RT	GUIDE	"Illinois 72 11 Stockton 20 Galena 47"	14	7.5	-	-	-	105.0	3	24.6	26.4	W10X22	184	1122	2.36		
628+00	EB RT	SERVICE	"GAS"	15	10	-	-	-	150.0	3.5	20.5	33.4	W14X38	244	2048.2	4.18		
US20 EB EXIT RAMP		EB EXIT RAMP	SERVICE	"ATTRACTIONS"	10.5	8	-	-	-	84.0	2.5	24.5	24.5	W8X18	156	882	1.4	
US20 EB EXIT RAMP		EB EXIT RAMP	SERVICE	"LODGING"	10.5	8	-	-	-	84.0	2.5	24.5	24.5	W8X18	156	882	1.4	
US20 EB EXIT RAMP		EB EXIT RAMP	SERVICE	"FOOD"	10.5	8	-	-	-	84.0	2.5	24.5	24.5	W8X18	156	882	1.4	
US20 EB EXIT RAMP		EB EXIT RAMP	SERVICE	"GAS"	10.5	8	-	-	-	84.0	2.5	24.5	24.5	W8X18	156	882	1.4	
TOTAL:							120	3	92	1334.75				2010	15648.2	28.5		

NOTE: QUANTITIES SHOWN ARE FOR BIDDING ESTIMATES ONLY. THE EXACT SIGN DESIGN SHALL BE PROVIDED BY THE BUREAU OF OPERATIONS.



T:\BIB\4\CH1\PAV_Plan\2011\SignSchedule.dgn

**PARSONS
BRINCKERHOFF**
380 West Monroe St., Suite 900
Chicago, IL 60604, (312) 783-8160

USER NAME = MMS	DESIGNED - MS	REVISED -
	DRAWN - MS	REVISED -
PLOT SCALE = 1/8" = 1' IN.	CHECKED - RH	REVISED -
PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -

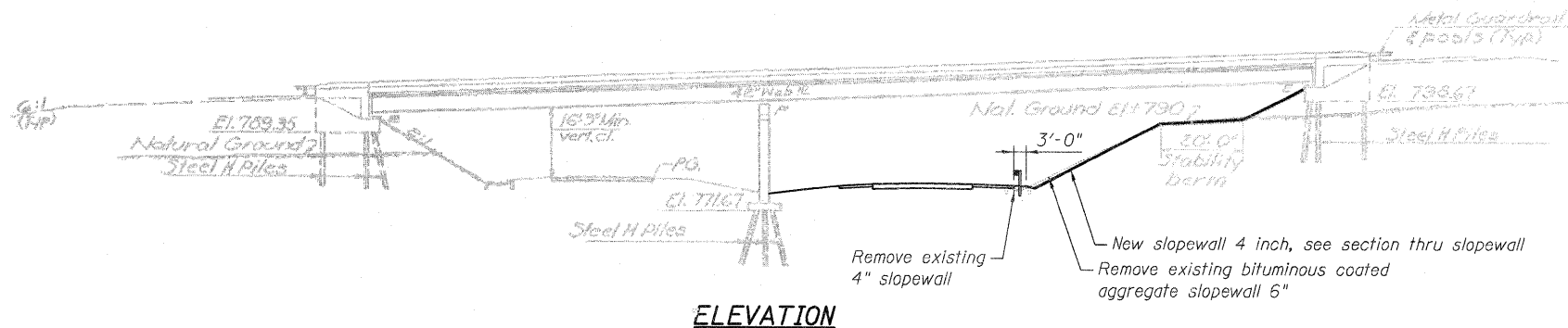
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE

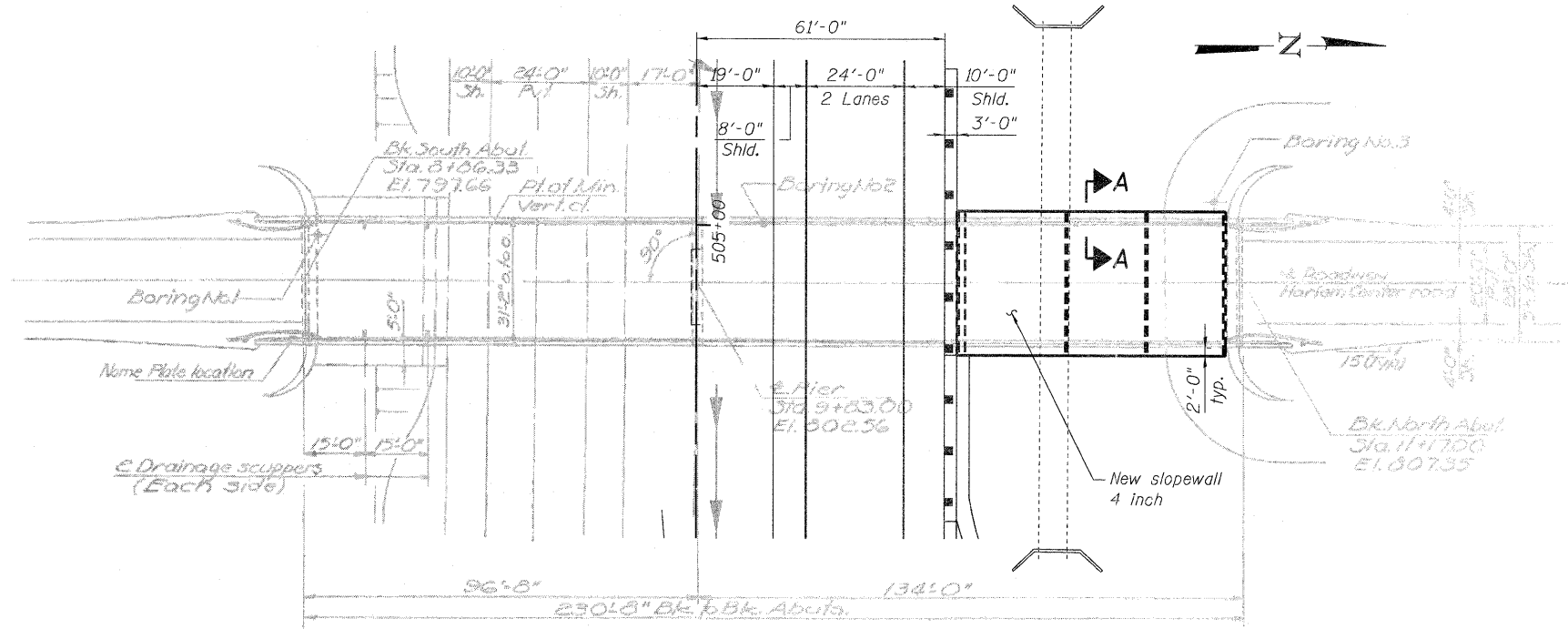
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	94
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				

Rev. 2-22-12



ELEVATION

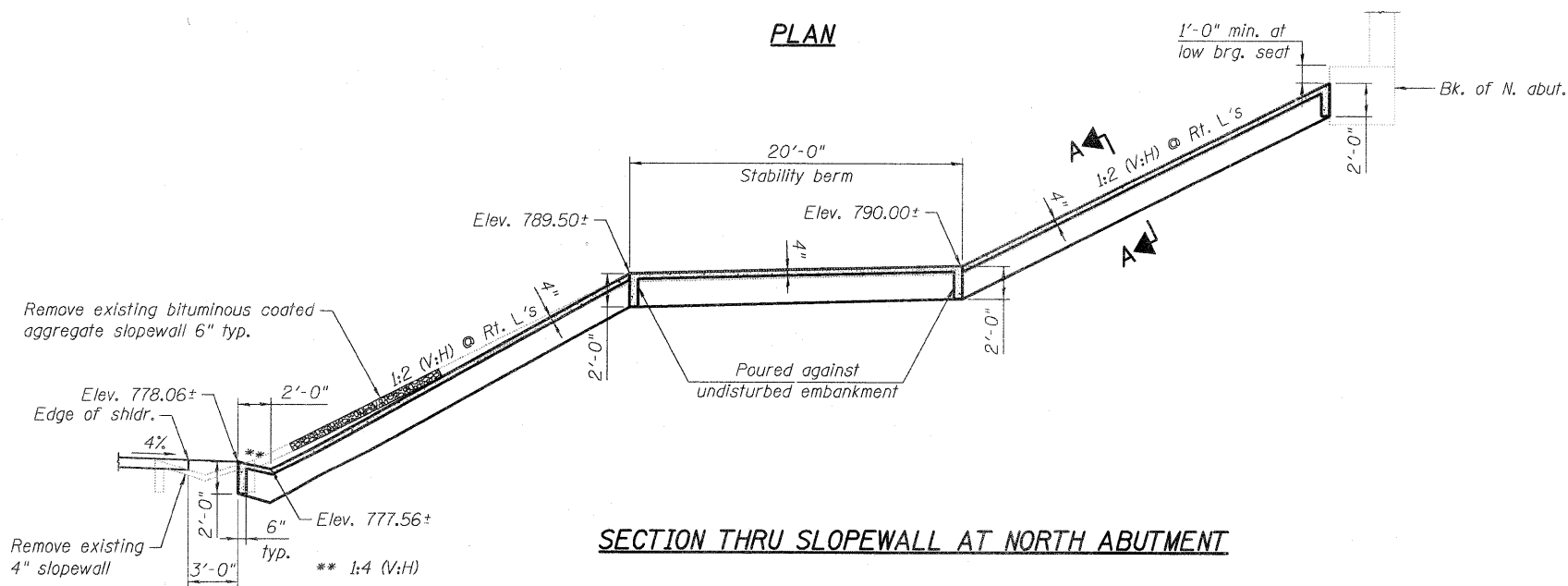


PLAN

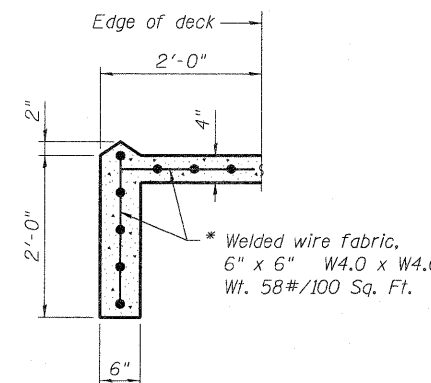
TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Earth Excavation	Cu. Yd.	-	19	19
Slope Wall Removal	Sq. Yd.	-	315	315
Slope Wall 4 Inch	Sq. Yd.	-	280	280

Notes:
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 Portions of this drawing were extracted from the original plan for this bridge. Proposed Slope wall design is based on elevations as shown on existing plans. The Contractor shall verify all elevations in the field and make appropriate adjustments as approved by the Engineer.



SECTION THRU SLOPEWALL AT NORTH ABUTMENT



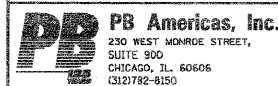
SECTION A-A

* Cost of the mesh is included in the cost of the slope wall

**NORTH SLOPEWALL REPLACEMENT DETAILS
 HARLEM CENTER RD OVER FA RTE 401
 F.A. ROUTE 401 - SEC. 177-2-1
 STEPHENSON COUNTY
 STATION 505+15.11
 STRUCTURE NO. 089-0044**

Added 2-22-12

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 17-FEB-2012 11:06



FILE NAME = SlopeWall_01.dgn	DESIGNED - M. Shaikh	REVISED -
PLOT SCALE = NONE	CHECKED - M. Shaikh	REVISED -
PLOT DATE = 2/17/2012	DRAWN - D. C. Patel	REVISED -
	CHECKED - J. Grafnowl	REVISED -

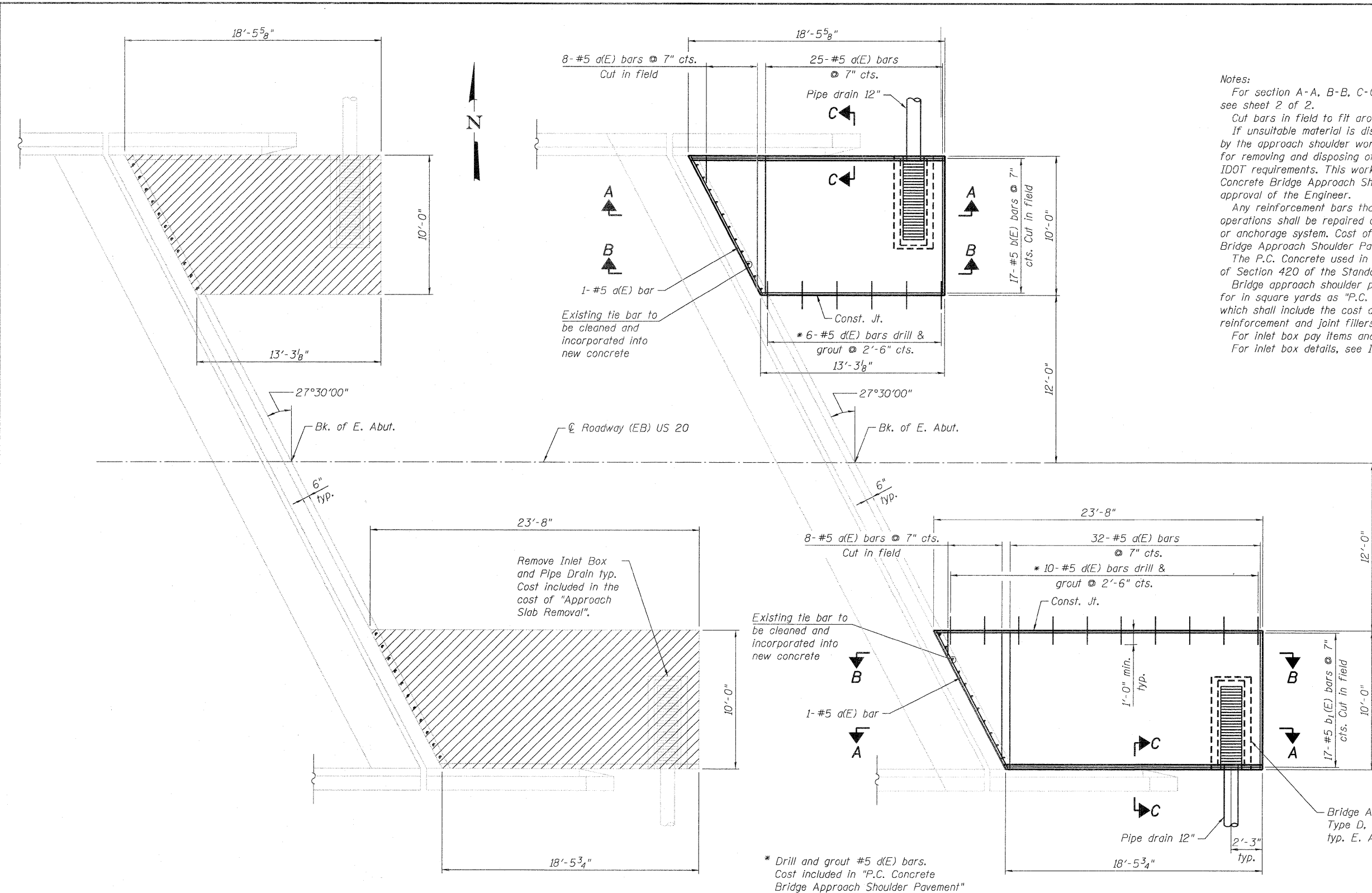
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTH SLOPEWALL REPLACEMENT

SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 104A
				CONTRACT NO. 64860

ILLINOIS FED. AID PROJECT



Notes:
 For section A-A, B-B, C-C and bill of material, see sheet 2 of 2.
 Cut bars in field to fit around inlet box opening.
 If unsuitable material is discovered in the locations affected by the approach shoulder work, the contractor shall be responsible for removing and disposing of it in a manner that meets the applicable IDOT requirements. This work shall be included in the cost of "P.C. Concrete Bridge Approach Shoulder Pavement" and meet with the approval of the Engineer.
 Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost of which shall be included in "P.C. Concrete Bridge Approach Shoulder Pavement".
 The P.C. Concrete used in the shoulder slab shall meet the requirements of Section 420 of the Standard Specifications.
 Bridge approach shoulder pavement will be measured in place and paid for in square yards as "P.C. Concrete Bridge Approach Shoulder Pavement" which shall include the cost of subgrade preparation, anchor ties, reinforcement and joint fillers.
 For inlet box pay items and quantities, see roadway plans.
 For inlet box details, see IDOT standard 609006.

**BRIDGE APPROACH SHOULDER PAVEMENT
REMOVAL PLAN**

**BRIDGE APPROACH SHOULDER PAVEMENT
REPLACEMENT PLAN**

LEGEND
 [Hatched Area] Indicates concrete removal

**BRIDGE APPROACH PAVEMENT
 U.S. ROUTE 20 OVER
 PECATONICA RIVER
 F.A.P. ROUTE 401 SECTION 177-2-1
 STEPHENSON COUNTY
 STATION 539+14.00
 STRUCTURE NO. 089-0045**

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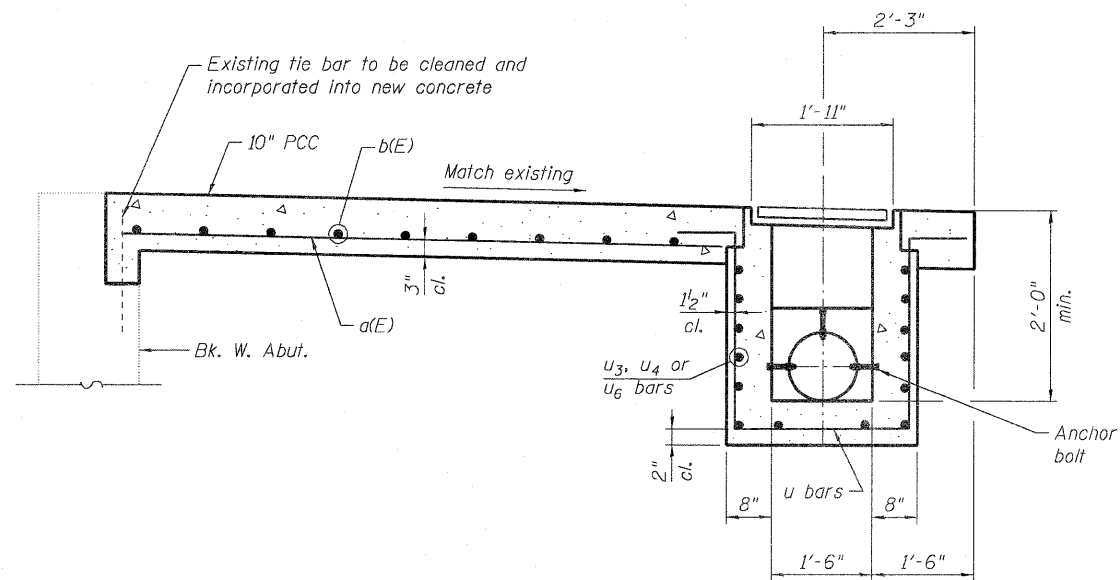
PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL 60606
 (312)782-8150

FILE NAME = US20_RIVBR_app-01.plt.dgn	DESIGNED - J. Muhammad	REVISED -
	CHECKED - M. Shalkh	REVISED -
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PLOT DATE = 2/17/2012	CHECKED - J. Gralnowl	REVISED -

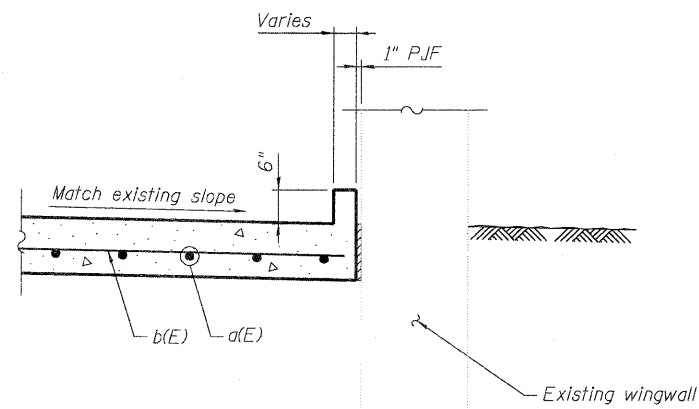
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH PAVEMENT
 (DRAIN DETAIL)**
 SHEET NO. 1 OF 2 SHEETS

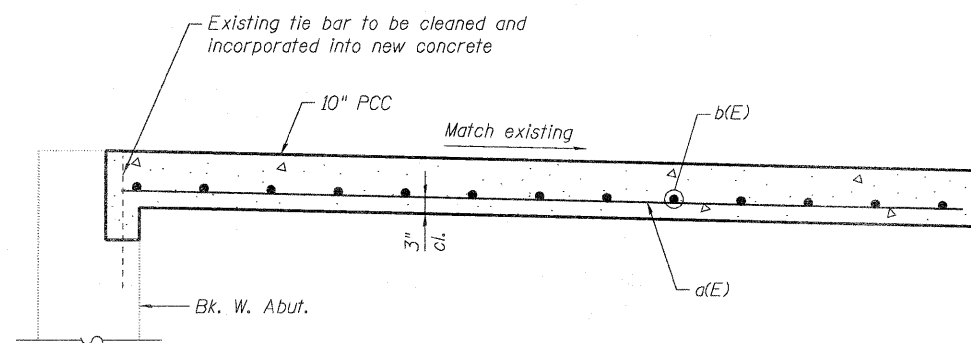
F.A.P. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 104B
				CONTRACT NO. 64860
ILLINOIS FED. AID PROJECT				



SECTION A-A



SECTION C-C



SECTION B-B

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	73	#5	9'-8"	—
b(E)	17	#5	18'-1"	—
b ₁ (E)	17	#5	23'-4"	—
d(E)	16	#5	2'-0"	—
Approach Slab Removal			Sq. Yd.	39
P.C. Concrete Bridge				
Approach Shoulder			Sq. Yd.	39
Pavement				

Note:
Reinforcement bars are shown for information only.

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

FILE NAME = US20_RIVBR_app-02-pl.dgn
PLOT SCALE = NONE
PLOT DATE = 2/17/2012

DESIGNED - J. Muhammad
CHECKED - M. Shaikh
DRAWN - D. C. Patel
CHECKED - J. Gralnowl

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

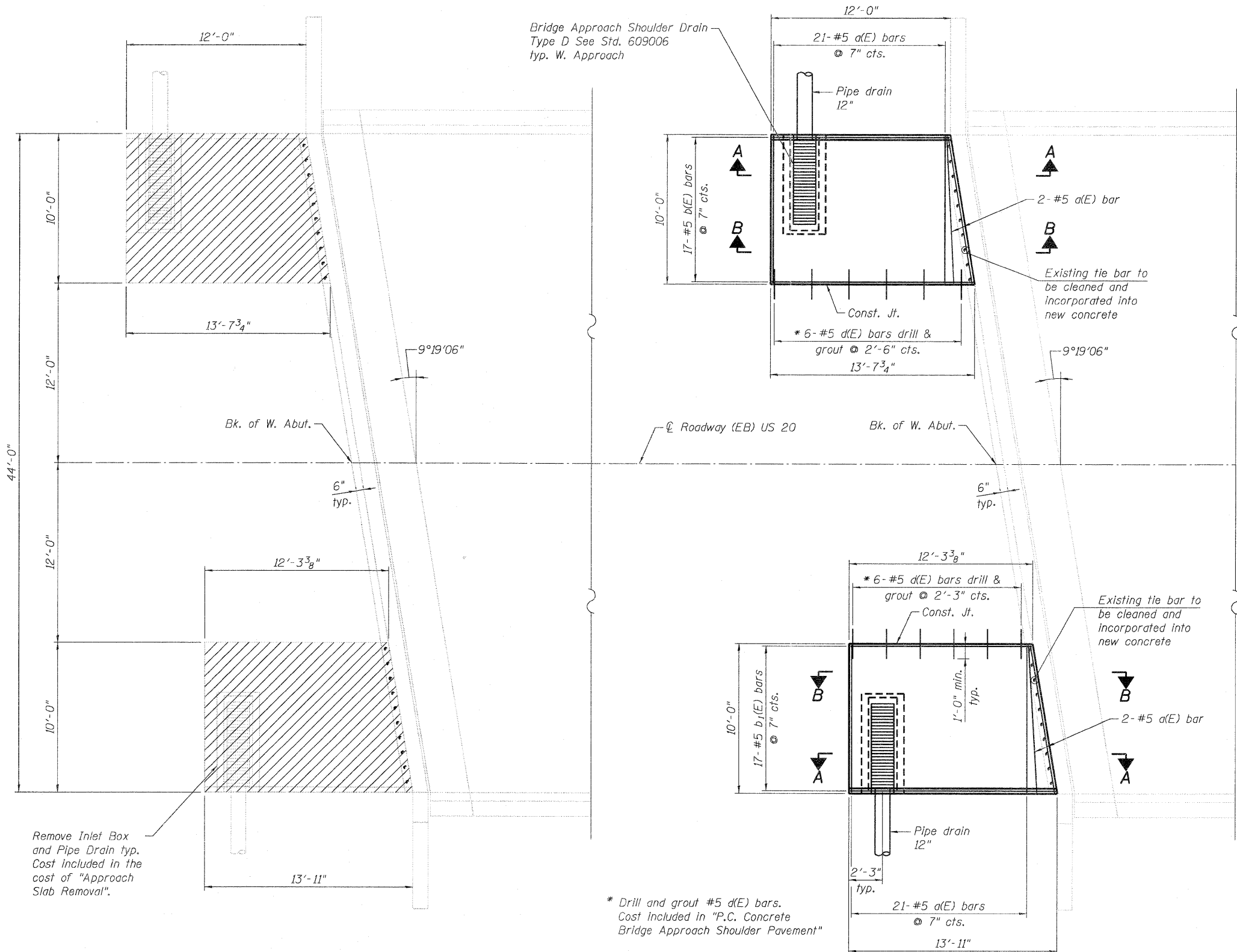
**BRIDGE APPROACH PAVEMENT
(DRAIN DETAIL)**

SHEET NO. 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	104C
CONTRACT NO. 64860				

ILLINOIS FED. AID PROJECT

Added 2-22-12



Notes:
 For section A-A, section B-B and bill of material, see sheet 2 of 2.
 For b1(E) and b2(E) bars field cutting diagram, see sheet 2 of 2. Cut bars in field to fit around inlet box opening.
 If unsuitable material is discovered in the locations affected by the approach shoulder work, the contractor shall be responsible for removing and disposing of it in a manner that meets the applicable IDOT requirements. This work shall be included in the cost of "P.C. Concrete Bridge Approach Shoulder Pavement" and meet with the approval of the Engineer.
 Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost of which shall be included in "P.C. Concrete Bridge Approach Shoulder Pavement".
 The P.C. Concrete used in the shoulder slab shall meet the requirements of Section 420 of the Standard Specifications.
 Bridge approach shoulder pavement will be measured in place and paid for in square yards as "P.C. Concrete Bridge Approach Shoulder Pavement" which shall include the cost of subgrade preparation, anchor ties, reinforcement and joint fillers.
 For inlet box pay items and quantities, see roadway plans.
 For inlet box details, see IDOT standard 609006.

**BRIDGE APPROACH SHOULDER PAVEMENT
 REMOVAL PLAN**
 (West side shown east side similar - Opposite hand)

**BRIDGE APPROACH SHOULDER PAVEMENT
 REPLACEMENT PLAN**
 (West side shown east side similar - Opposite hand)

**BRIDGE APPROACH PAVEMENT
 U.S. ROUTE 20 OVER
 JANE ADDAMS TRAIL
 F.A.P. ROUTE 401 SECTION 177-2-1
 STEPHENSON COUNTY
 STATION 569+88.93
 STRUCTURE NO. 089-0055**

LEGEND
 [Hatched Box] Indicates concrete removal

* Drill and grout #5 d(E) bars.
 Cost Included in "P.C. Concrete
 Bridge Approach Shoulder Pavement"

Remove Inlet Box
 and Pipe Drain typ.
 Cost included in the
 cost of "Approach
 Slab Removal".

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

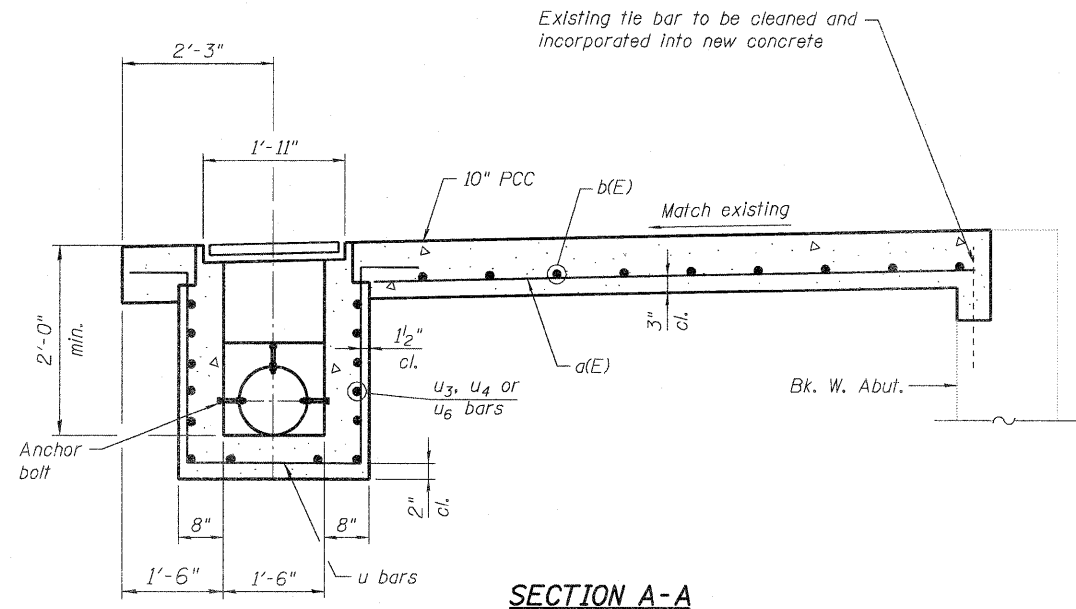
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PLOT DATE = 2/17/2012	DRAWN - D. C. Patel	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

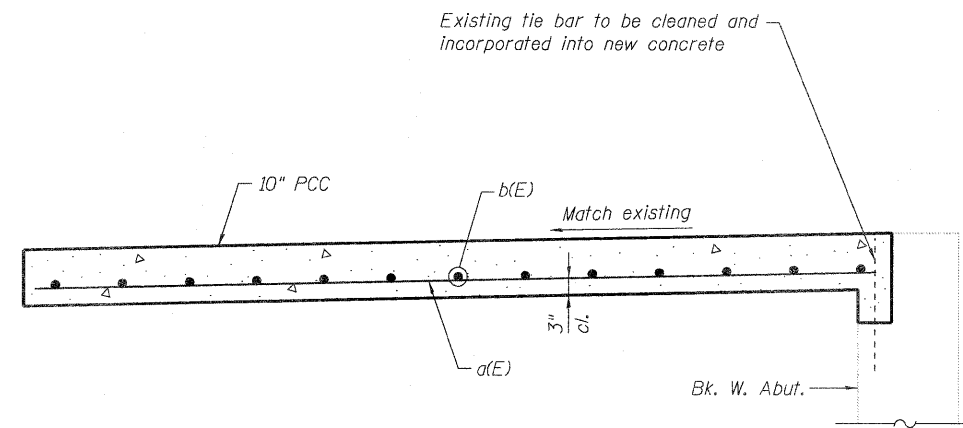
**BRIDGE APPROACH PAVEMENT
 (DRAIN DETAIL)**

SHEET NO. 1 OF 2 SHEETS

F.A.P. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 1040
CONTRACT NO. 64860				ILLINOIS FED. AID PROJECT



SECTION A-A

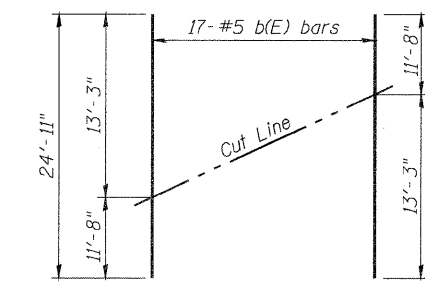


SECTION B-B

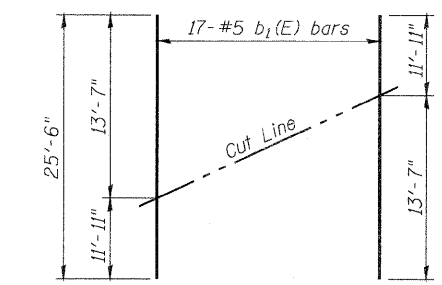
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	92	#5	9'-8"	—
b(E)	17	#5	24'-11"	—
b ₁ (E)	17	#5	25'-6"	—
d(E)	24	#5	2'-0"	—
Approach Slab Removal			Sq. Yd.	53
P.C. Concrete Bridge Approach Shoulder Pavement			Sq. Yd.	53

Note:
Reinforcement bars are shown for information only.

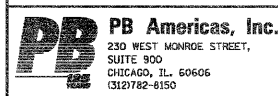


FIELD CUTTING DIAGRAM
Order b(E) bars full length. Cut as shown and use remainder of bars in opposite approach slab.



FIELD CUTTING DIAGRAM
Order b₁(E) bars full length. Cut as shown and use remainder of bars in opposite approach slab.

T:\16814A\Struct\Cadd\Approaches repair\US20_RRBR_app-04-dt.dgn 17-FEB-2012 11:35



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	CHECKED - M. Shaikh	REVISED -
PLOT SCALE = NONE	DRAWN - D. C. Patel	REVISED -
PLOT DATE = 2/17/2012	CHECKED - J. Gralnowl	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH PAVEMENT
(DRAIN DETAIL)**

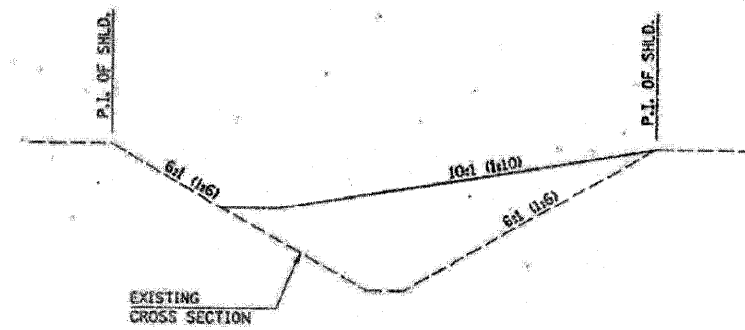
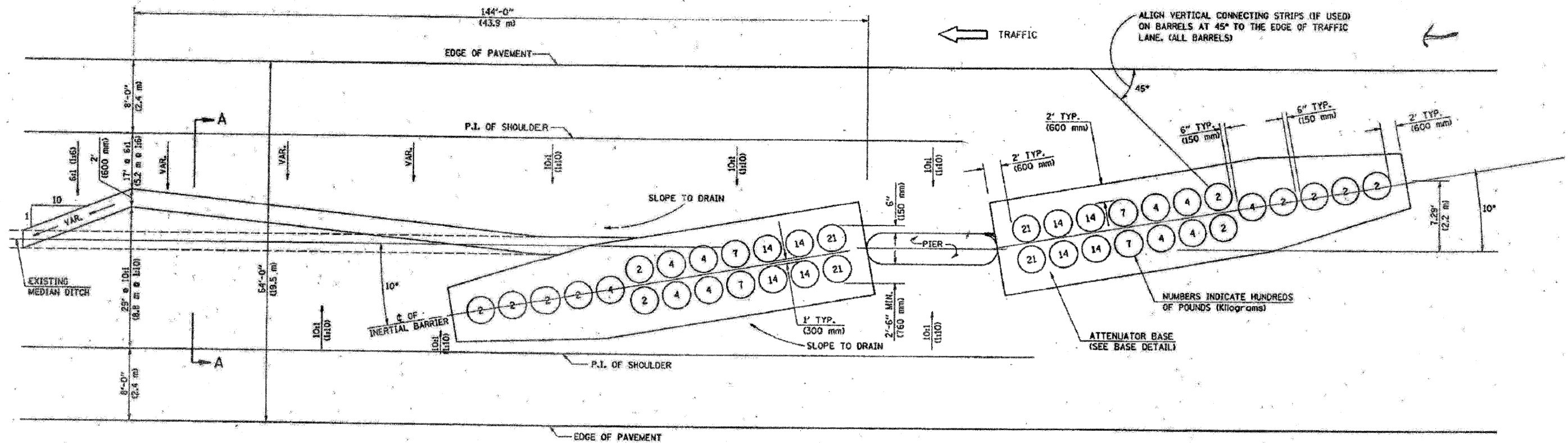
SHEET NO. 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64860				
ILLINOIS FED. AID PROJECT				

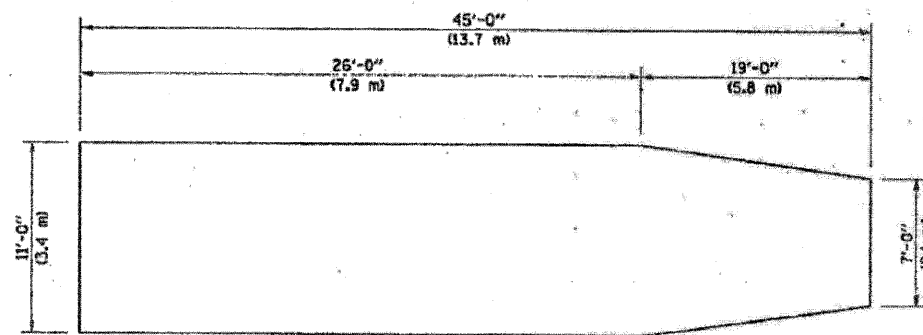
Added 2-22-12

DETAIL OF IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3

64' (19.5 m) MEDIAN



SECTION A-A
GRADING AND SHAPING DETAIL



BASE DETAIL

GENERAL NOTES

1. ALL 10:1 (1:10) SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 (1:10) OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. THE LENGTH X WIDTH OF MODULE LAYOUT IS 41.0' x 7.0' = 19 MODULES - 14,400 LBS. (12.5 m x 2.1 m = 19 MODULES - 6532 kg).
4. IN AREAS OF 10:1 (1:10) SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' (1.5 m) INTERVALS IN THE MEDIAN \pm . SEE SPECIAL PROVISIONS AND SCHEDULES.
5. THE BASE OF THE IMPACT ATTENUATOR SHALL BE 6" IN DEPTH. IT SHALL BE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE. ALL WORK AND MATERIALS INCLUDED WITH THIS DETAIL WILL BE INCLUDED IN THE COST OF IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3.

ALL DIMENSIONS ARE IN FEET (METERS) UNLESS OTHERWISE SHOWN.

PARSONS BRINCKERHOFF
250 West Monroe St., Suite 900
Chicago, IL 60604, (312) 782-6160

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IMPACT ATTENUATOR DETAIL

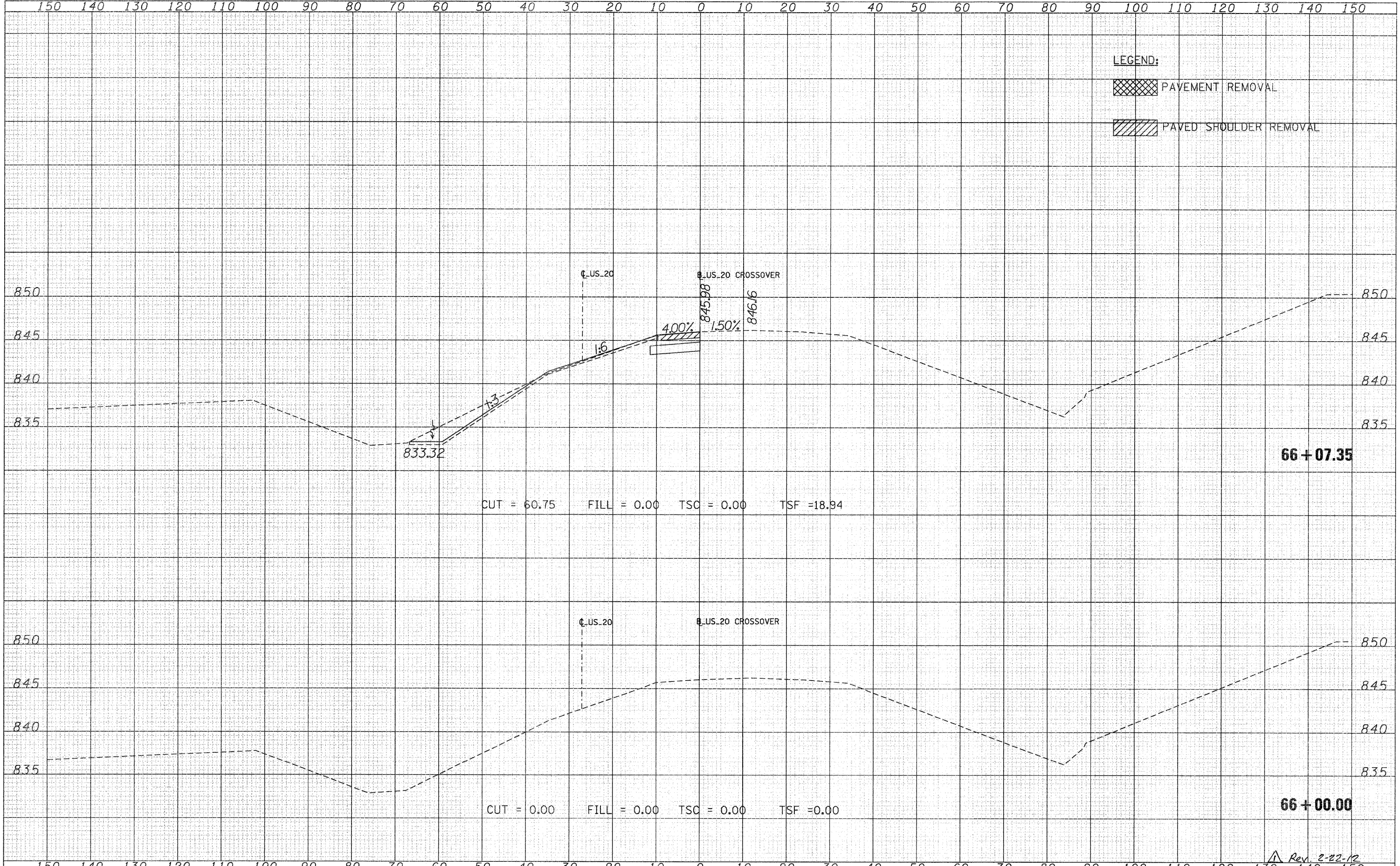
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	121A
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

Added 2-22-12

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
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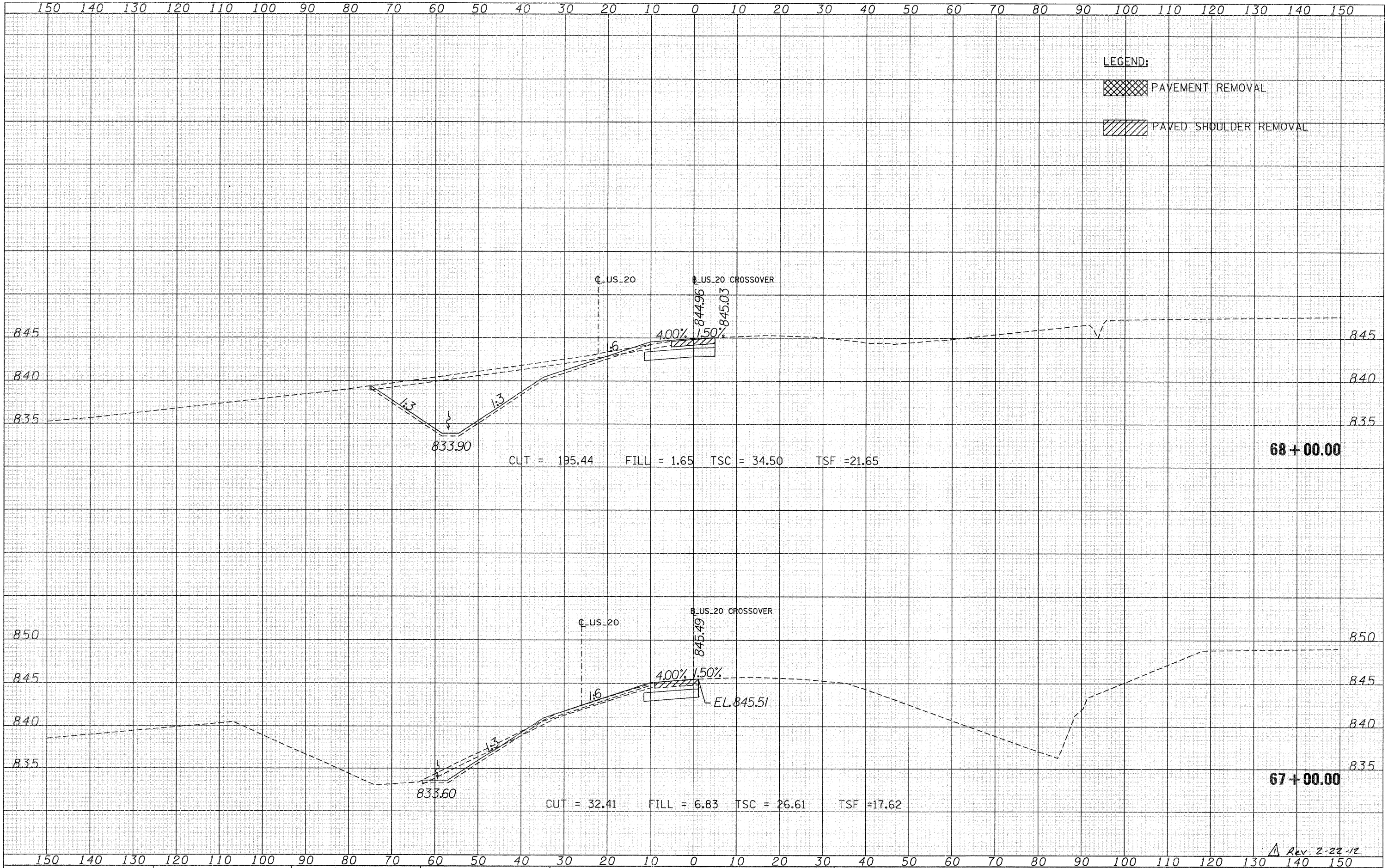
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AREAS CHECKED	
NO.	



FILE NAME = T:\18814\civil\PAV_Xshta\28PAV_XDXS-sheets.dgn	USER NAME = MMS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS US 20 CROSSOVER		F.A.P. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 122	
PLOT SCALE = 10.00' / IN.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 66+00.00 TO STA. 66+07.35	CONTRACT NO. 64860				
PLOT DATE = 9/28/11	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
Rev. 2-22-12												

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

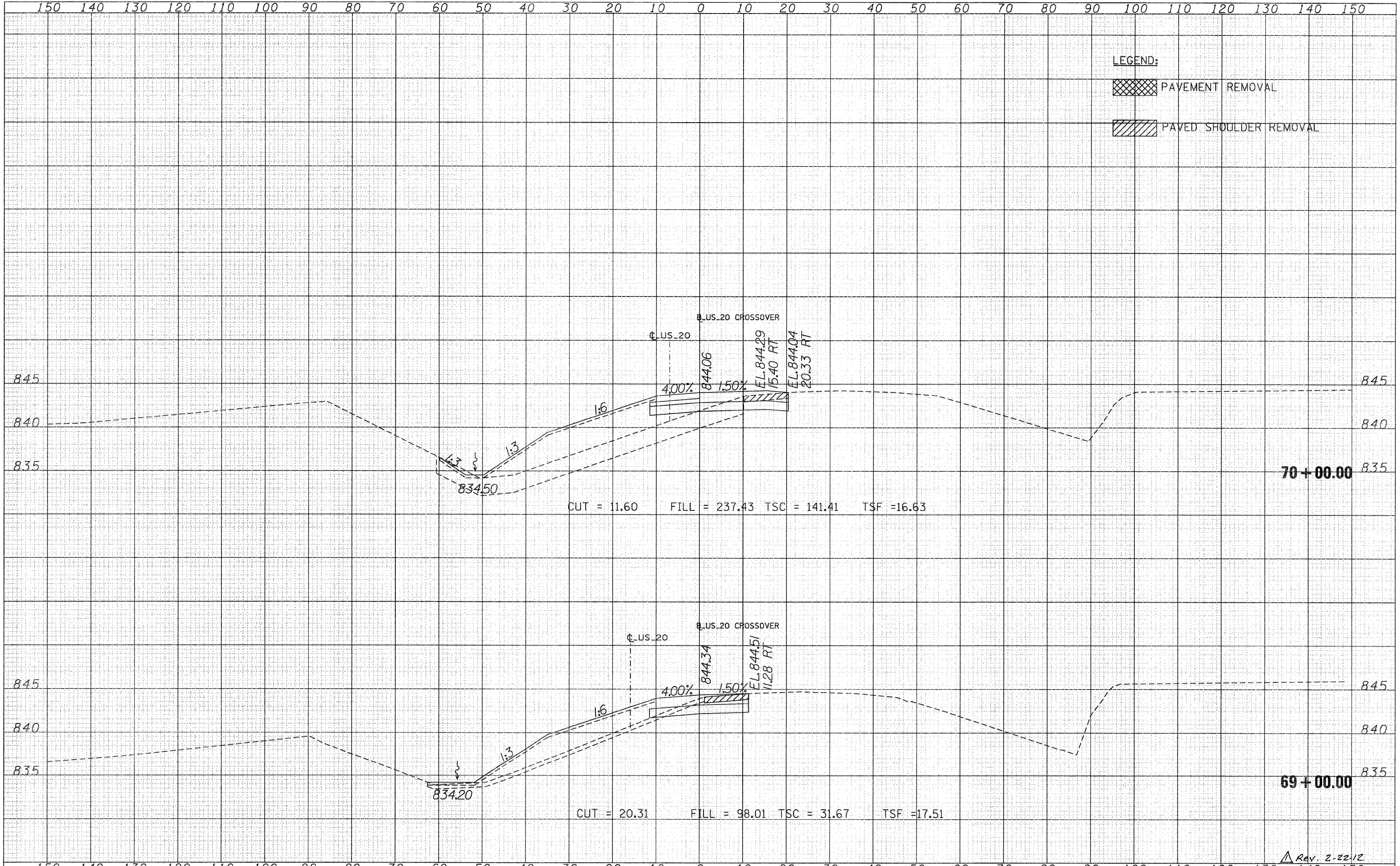
CROSS SECTIONS
 US 20 CROSSOVER
 SCALE: SHEET NO. OF SHEETS STA. 67+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	123
CONTRACT NO. 64860			ILLINOIS FED. AID PROJECT	

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NOTE BOOK	
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LEGEND:
 PAVEMENT REMOVAL
 PAVED SHOULDER REMOVAL

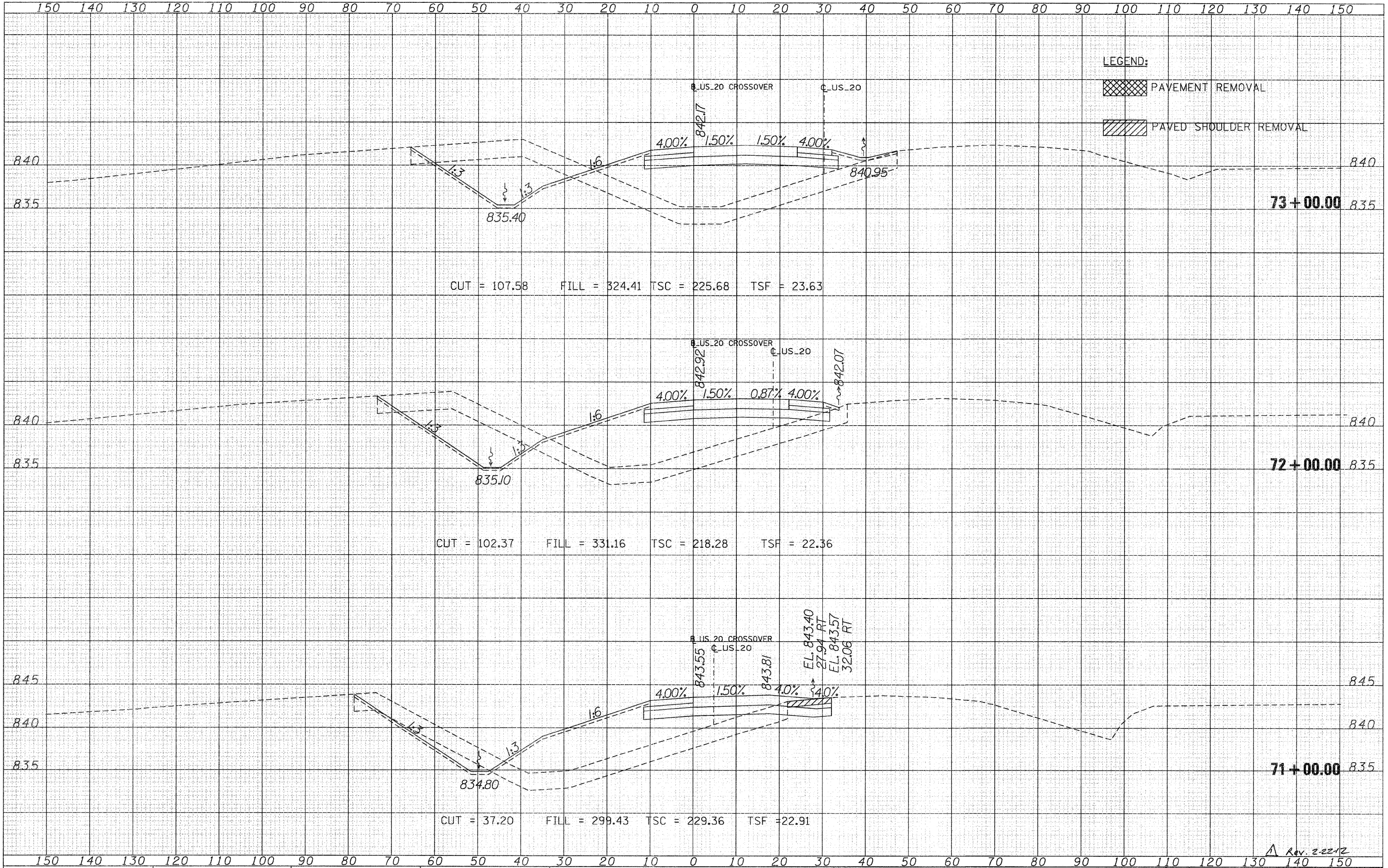
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T:\J6814A\Civil\PAV_Xhta\28PAV_XDXS-shoots.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 69+00.00 TO STA. 70+00.00	301	177-2-1	STEPHENSON	211	124	
PLOT SCALE = 18.00' / IN.		CHECKED -	REVISED -										
PLOT DATE = 9/28/11		DATE -	REVISED -										

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ILLINOIS FED. AID PROJECT

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FINAL SURVEY	
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 PLOT DATE = 9/28/11

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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

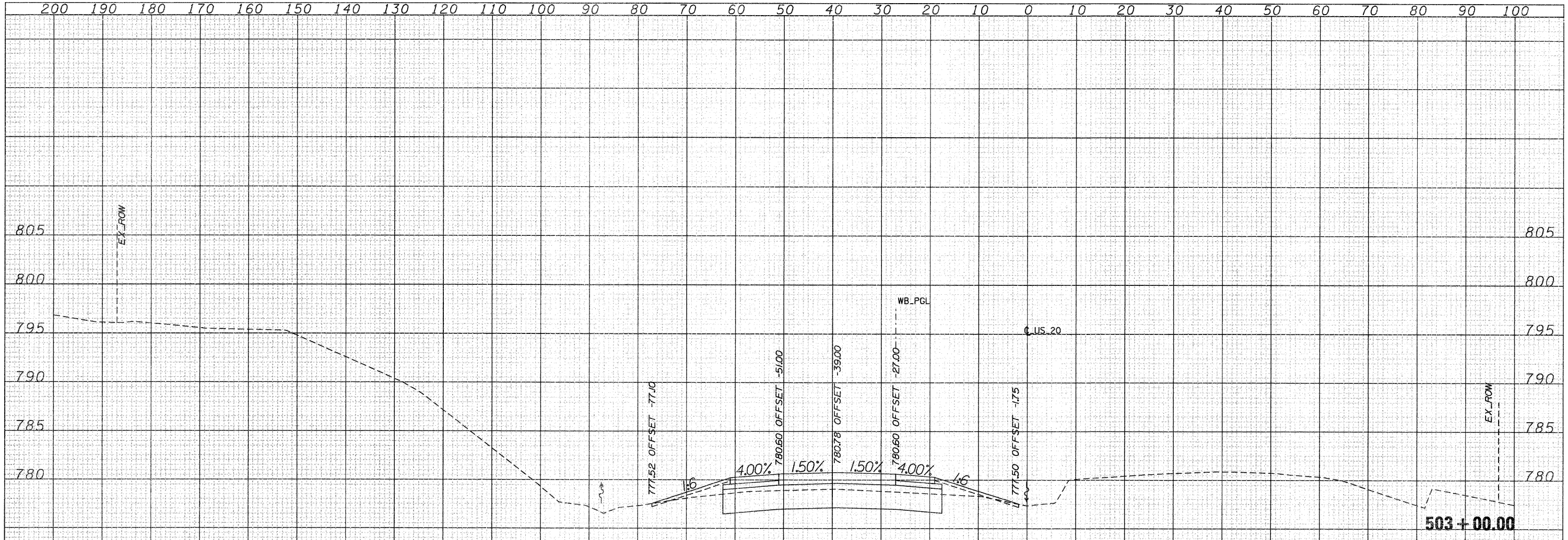
CROSS SECTIONS	
US 20 CROSSOVER	
SCALE:	SHEET NO. OF SHEETS
	STA. 71+00.00 TO STA. 73+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	125
				CONTRACT NO. 64860
ILLINOIS FED. AID PROJECT				

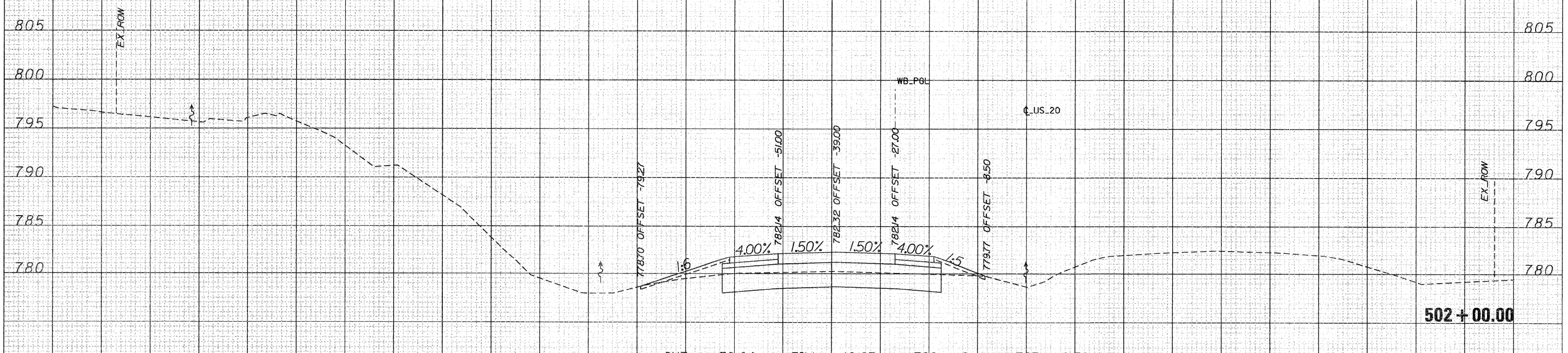
Rev. 2-22-12

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NOTE BOOK	
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CUT = 88.24 FILL = 11.85 TSC = 0 TSF = 11.01



CUT = 76.04 FILL = 12.67 TSC = 0 TSF = 9.50

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 PLOT SCALE = 10.00' / IN.
 PLOT DATE = 9/28/11

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

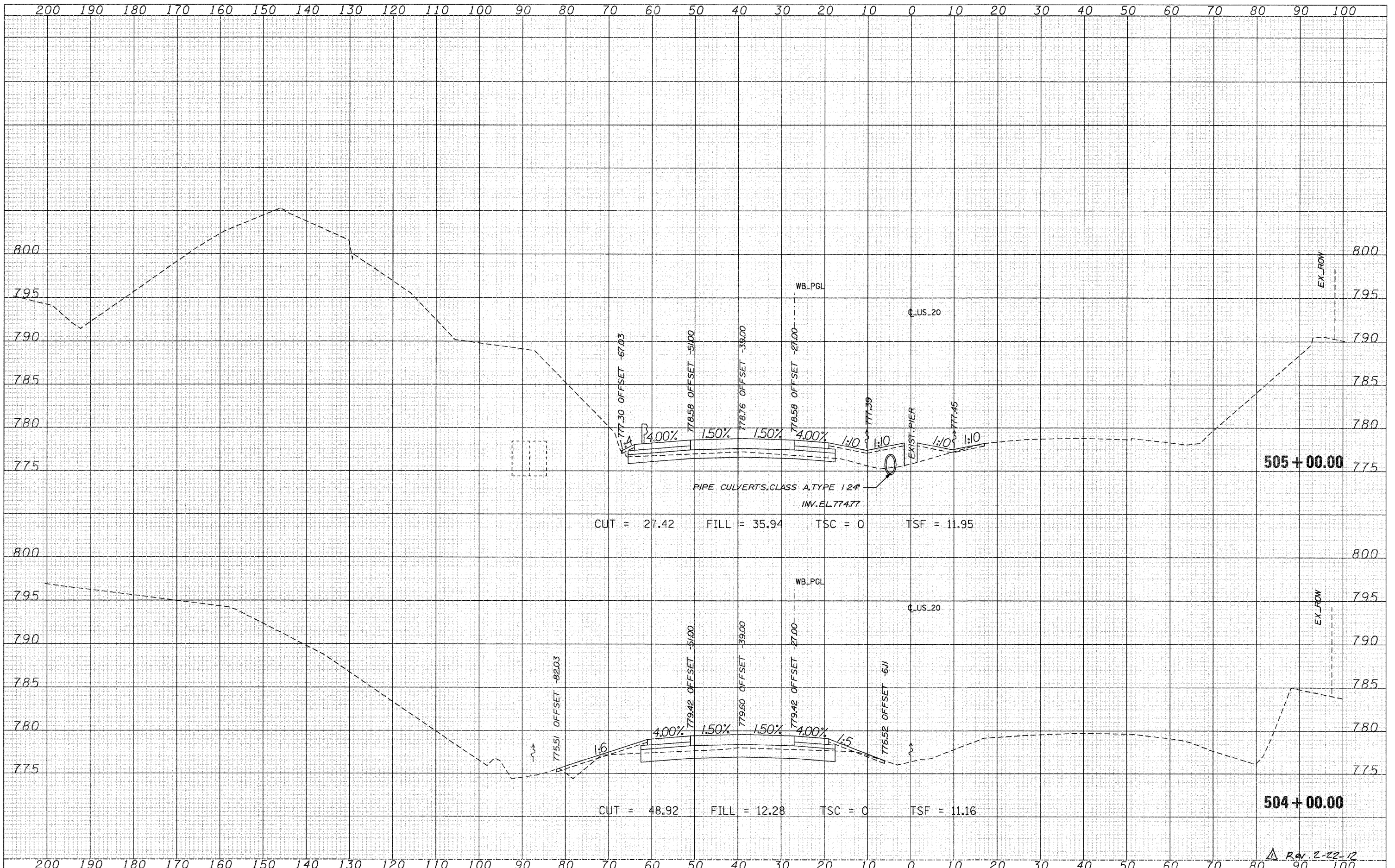
**CROSS SECTIONS
US 20**

SCALE: SHEET NO. OF SHEETS STA. 502+00.00 TO STA. 503+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	140
CONTRACT NO. 64860				
ILLINOIS FED. AID PROJECT				

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FILE NAME =	USER NAME = MMS
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

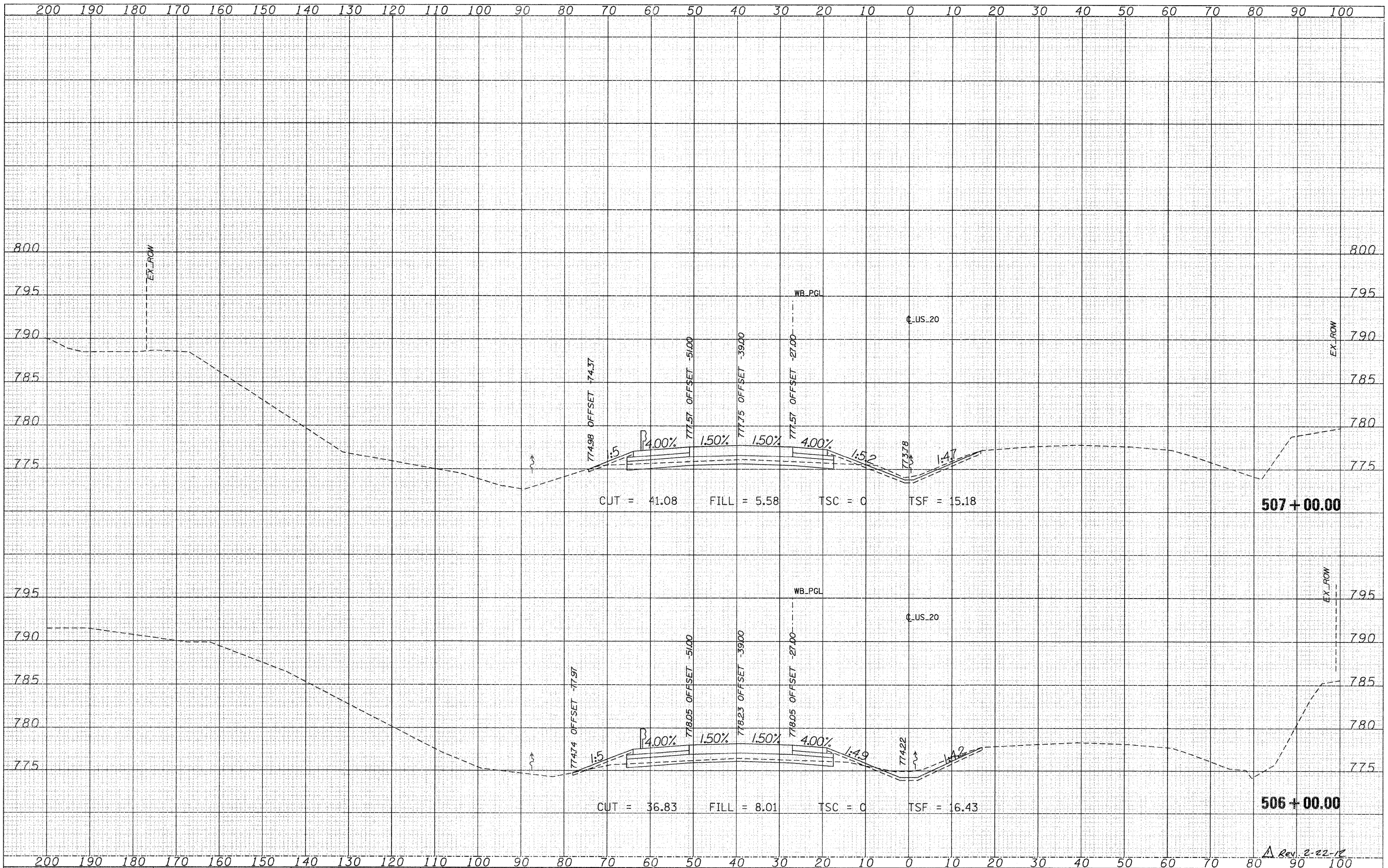
CROSS SECTIONS			
US 20			
SCALE:	SHEET NO. OF	SHEETS	STA. 504+00.00 TO STA. 505+00.00

F.A.P. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 141
CONTRACT NO. 64860				
ILLINOIS FED. AID PROJECT				

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 PLOT DATE = 9/28/11

USER NAME = MMS	DESIGNED -	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
US 20**

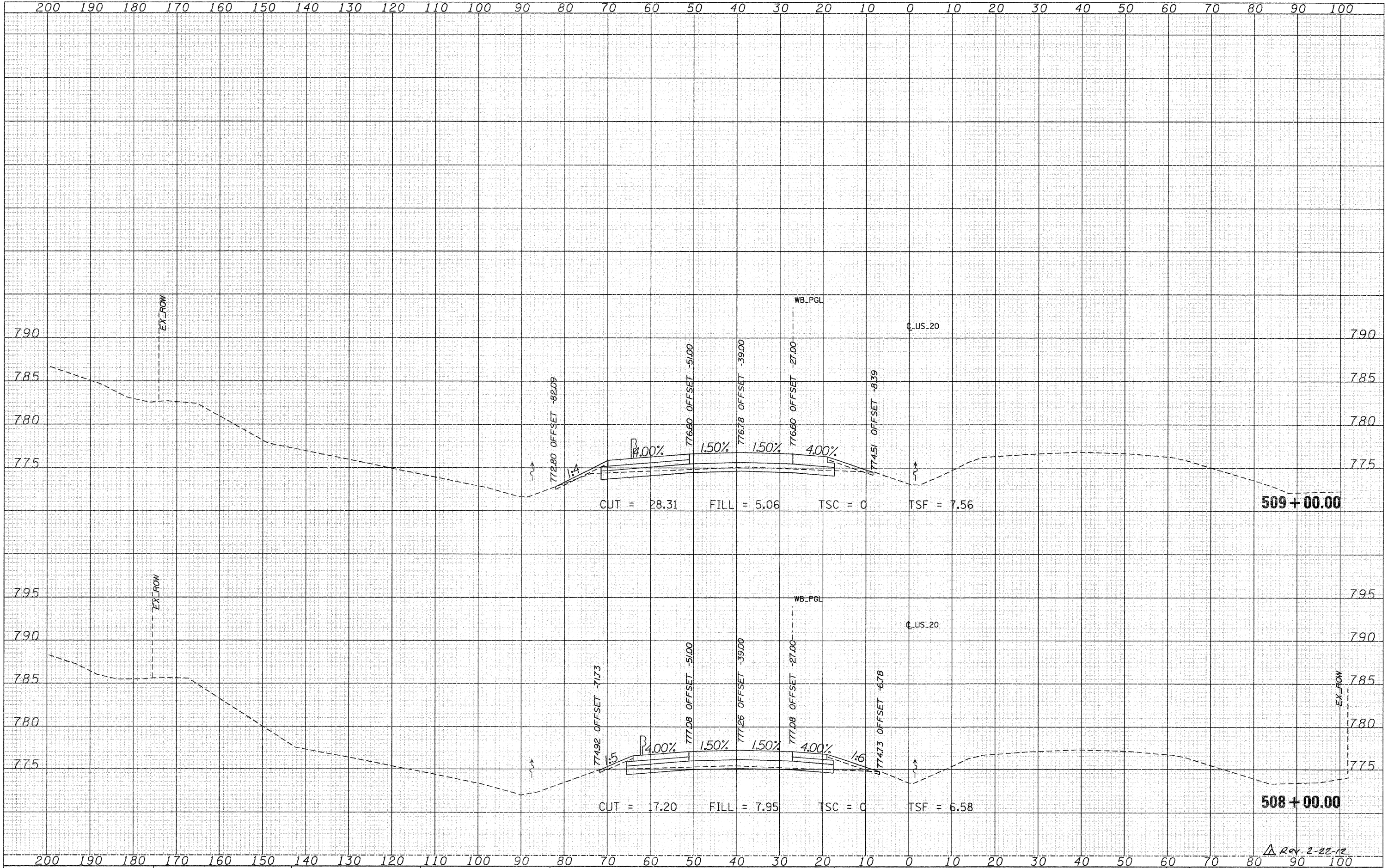
SCALE: SHEET NO. OF SHEETS STA. 506+00.00 TO STA. 507+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	142
CONTRACT NO. 64860				
ILLINOIS FED. AID PROJECT				

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FILE NAME = T:\J6814\A\Civil\PAV_Xhta\28PAV_MLXS-shaets.dgn

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US 20**

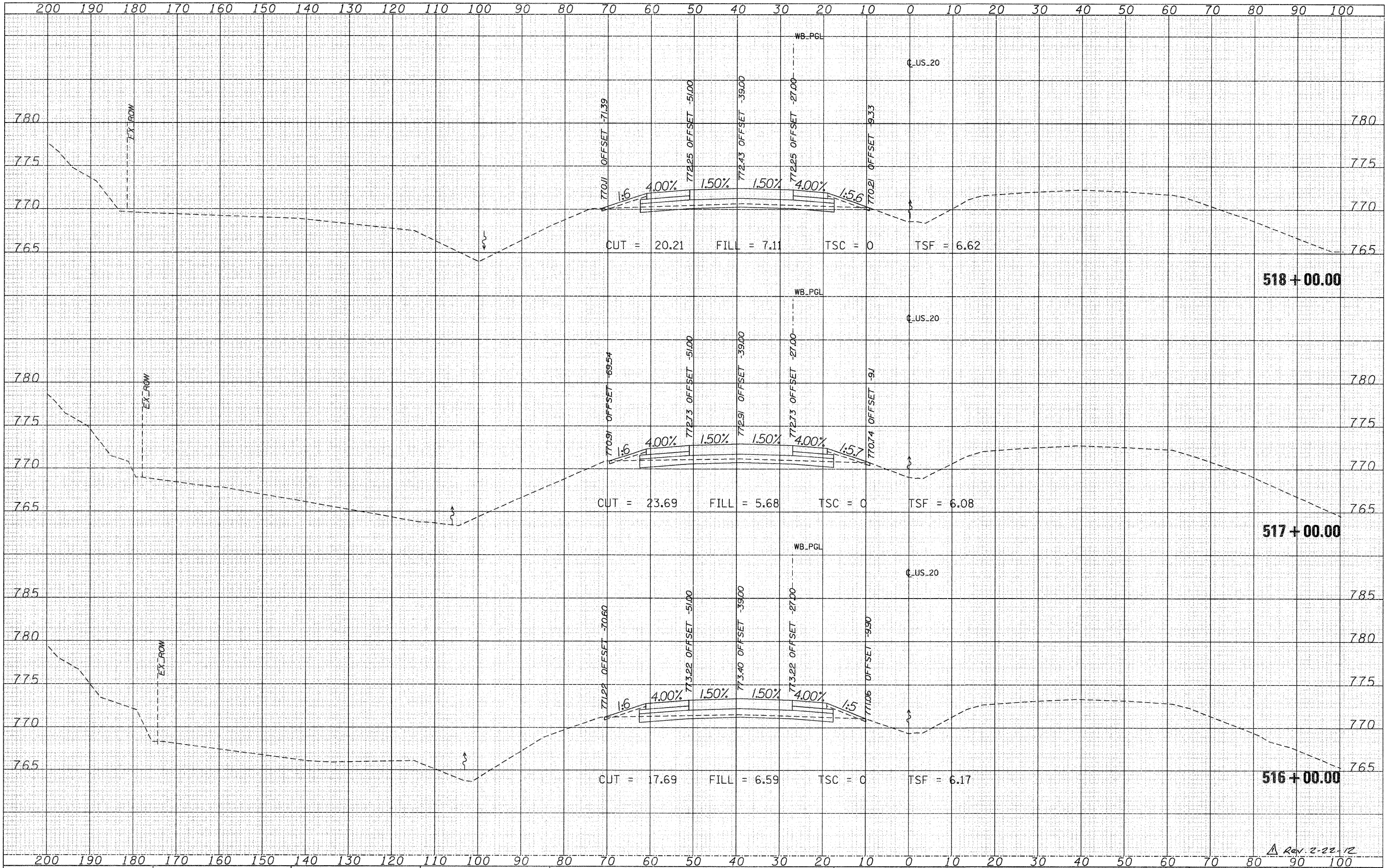
SCALE: SHEET NO. OF SHEETS STA. 508+00.00 TO STA. 509+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	143
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64860	

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FILE NAME = T:\B814\A\1\PAV_Xshra\28PAV_MLXS-sheets.dgn
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 PLOT DATE = 9/28/11

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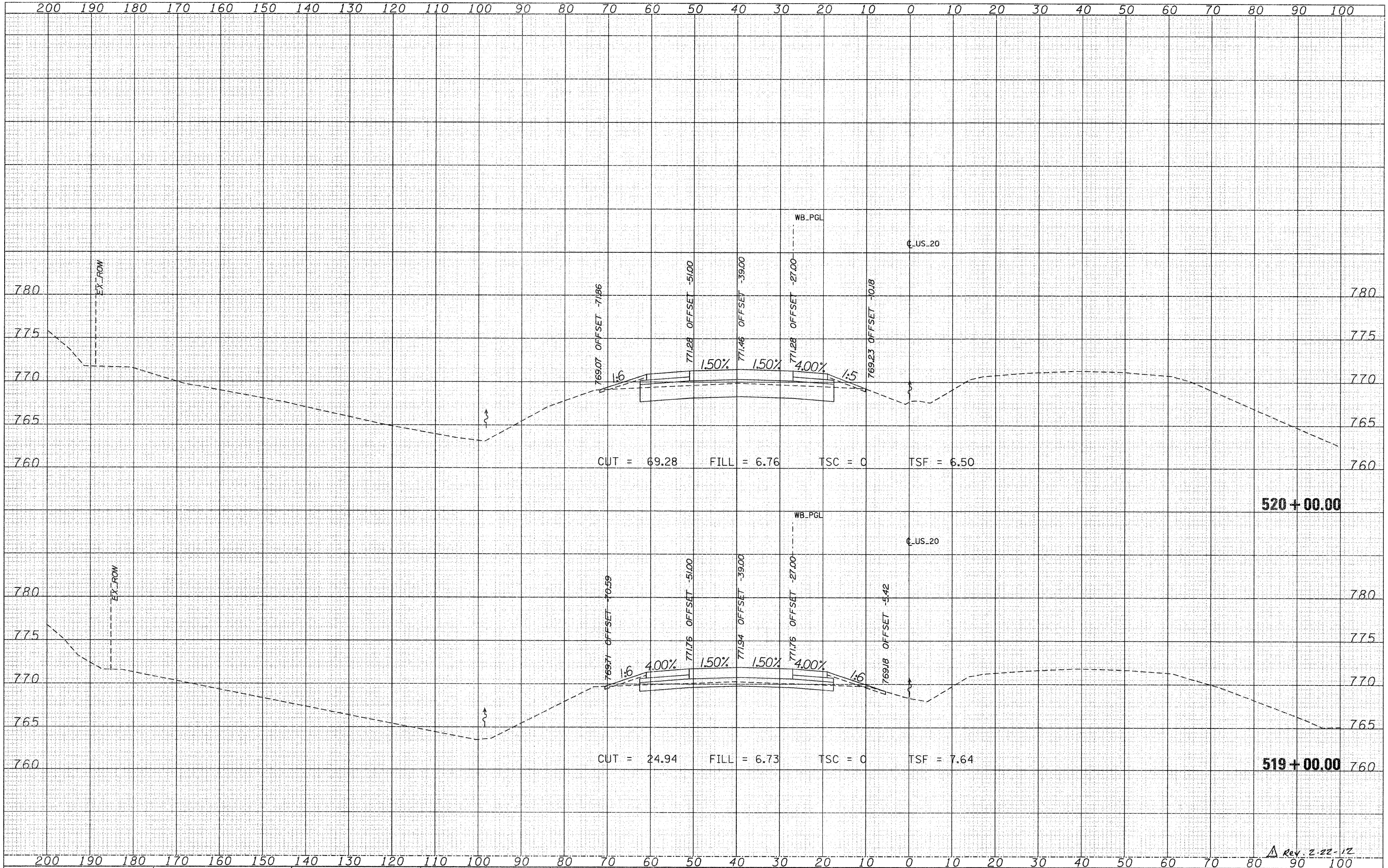
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
US 20			
SCALE:	SHEET NO.	OF SHEETS	STA. 516+00.00 TO STA. 518+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	146
				CONTRACT NO. 64860
ILLINOIS FED. AID PROJECT				

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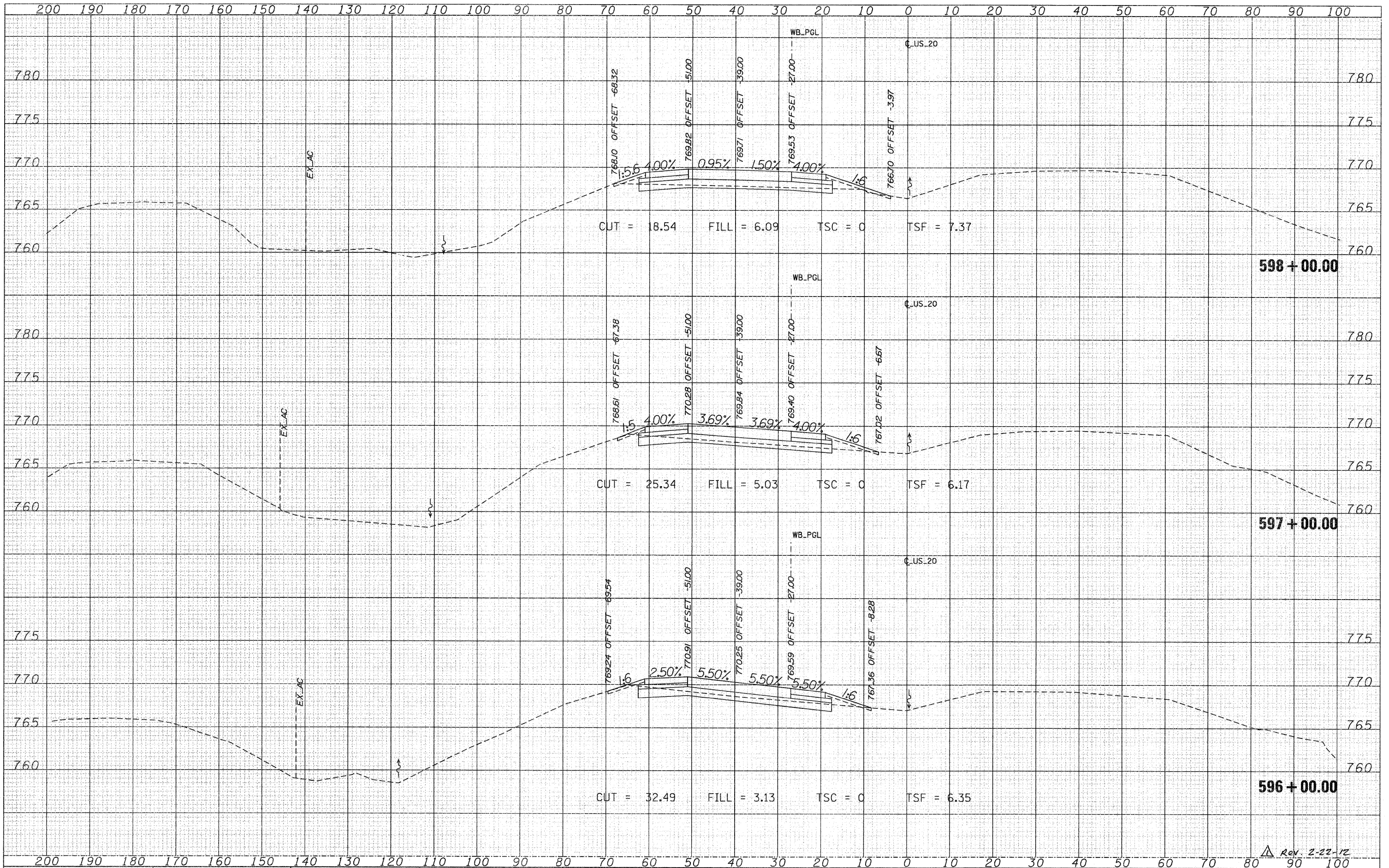
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PLOT SCALE = 10.00' / IN.	CHECKED -	REVISED -	REVISED -		US 20				CONTRACT NO. 64860				
PLOT DATE = 9/28/11	DATE -	REVISED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. 519+00.00 TO STA. 520+00.00				ILLINOIS FED. AID PROJECT				
<div style="text-align: right;">Rev. 2-22-12</div>													

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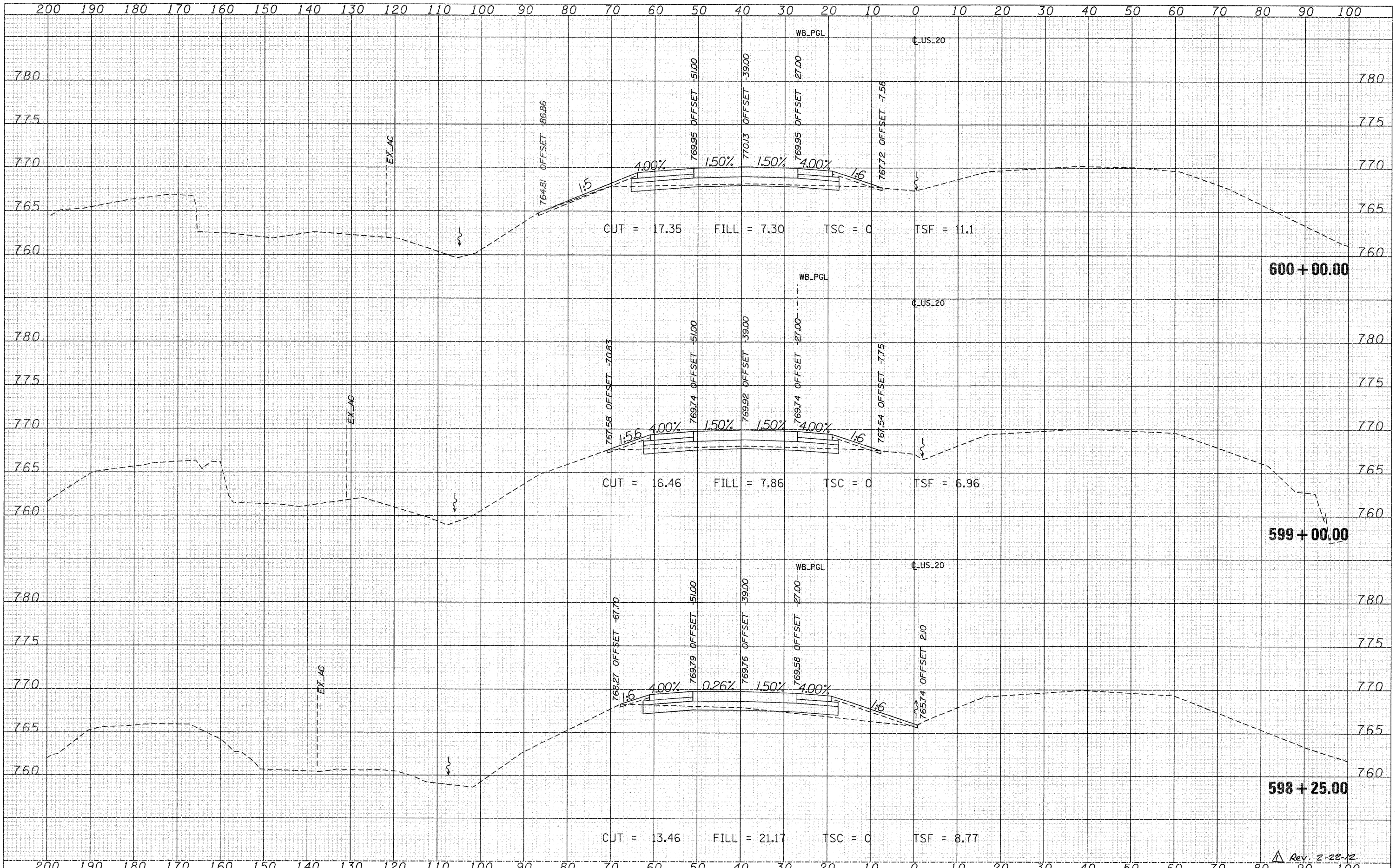


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FILE NAME =	USER NAME = MMS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS US 20			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T:\16814\1\PAV_Kahita\28PAV_MLX8-sheets.dgn		DRAWN -	REVISED -		301	177-2-1	STEPHENSON	211	188			
PLOT SCALE = 1/2" = 100'		CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 596+00.00 TO STA. 598+00.00	CONTRACT NO. 64860				
PLOT DATE = 9/28/11		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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FILE NAME = T:\18814\CV1\PAV_Xshita\28PAV_MLXS-shaeta.dgn

USER NAME = MMS	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 1' IN.	DRAWN -	REVISED -
PLOT DATE = 9/28/11	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
US 20			
SCALE:	SHEET NO.	OF SHEETS	STA. 598+25.00 TO STA. 600+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	189
CONTRACT NO. 64860			ILLINOIS FED. AID PROJECT	

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