

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

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

*211+2 = 213

D-92-014-03

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

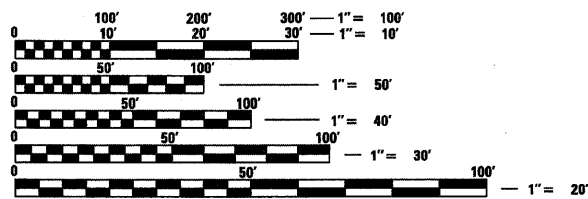
U.S. ROUTE 20:
ADT = 7,450 (2012)
ADT = 10,250 (2032)
DESIGN SPEED = 70 MPH
740(20) ARTERIAL 7.11(FD-20)

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

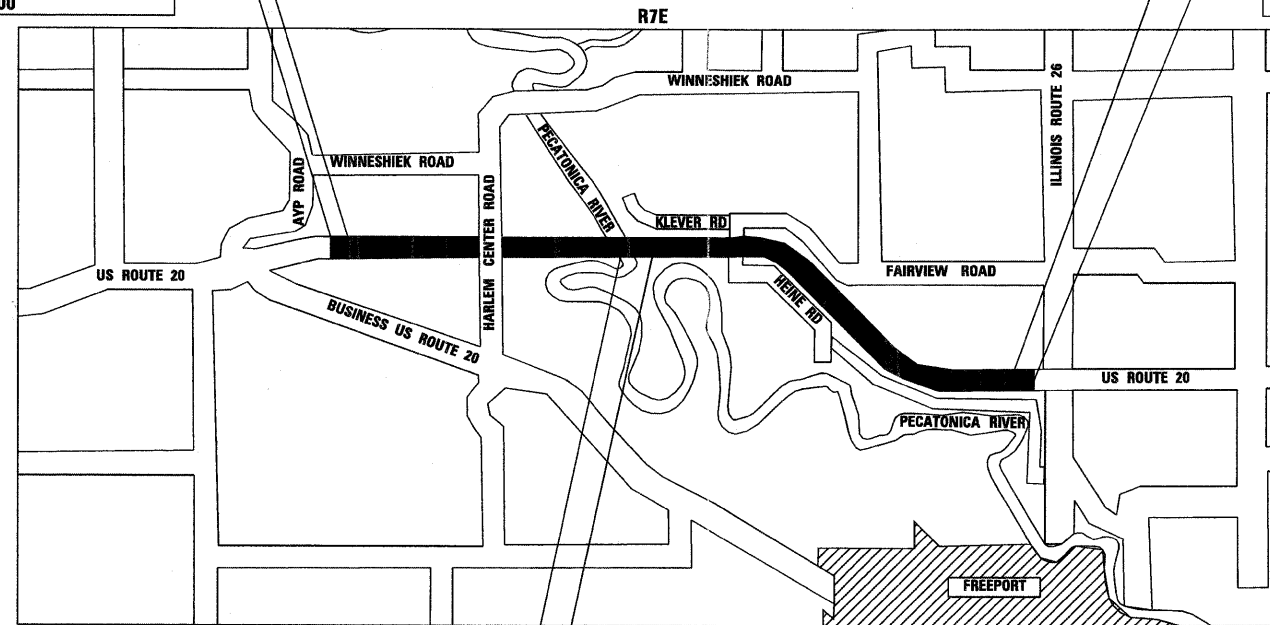
F.A.P. ROUTE 301 (US ROUTE 20)
FREEPORT BYPASS
SECTION PROJECT ENDS
STA. 640 + 00.00

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



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



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

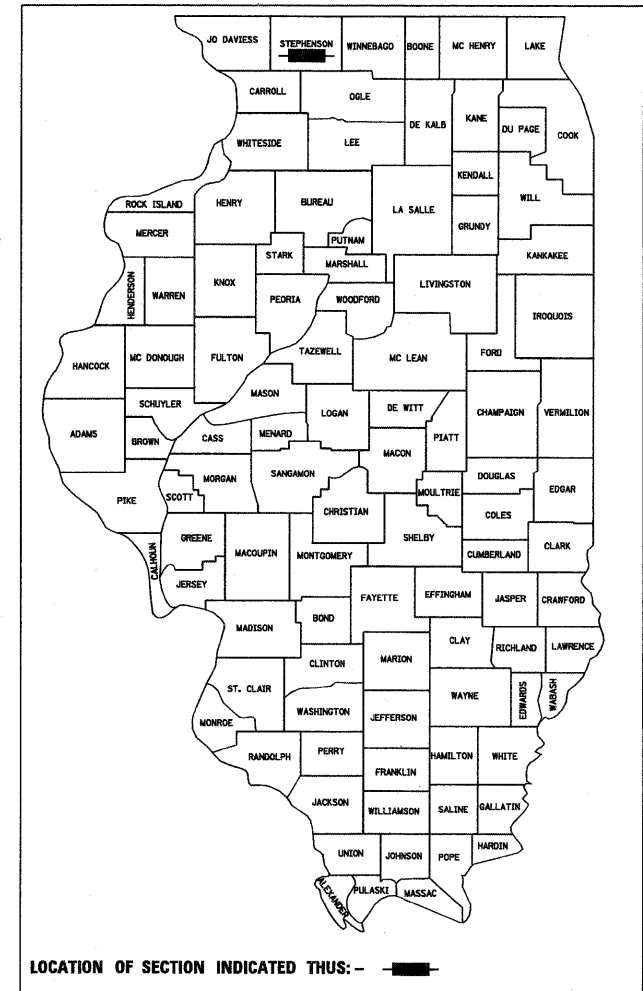
SECTION 177-2-1



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



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



LOCATION OF SECTION INDICATED THUS: - [black box] -

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.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED Dec. 14, 2011
Eric S. Thubert
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
February 3 2012
John D. Brammelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT
February 3 2012
William B. Fleury
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS
FINAL SUBMITTAL

INDEX OF SHEETS

STATE STANDARDS

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635001-01	DELINEATORS
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701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W DAY ONLY
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701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
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
701326-04	LANE CLOSURE 2L, 2W - PAVEMENT WIDENING, FOR SPEEDS > OR = 45 MPH
701331-04	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND FOR SPEEDS > OR = 45 MPH
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
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701406-06	LANE CLOSURE FREEWAY / EXPRESSWAY, DAY OPERATIONS ONLY
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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				

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 TOP SHOULDER	EB BOTTOM SHOULDER
THICKNESS	2"	3"	4"	4.75"	2"	6"	1 1/2"	1 1/2"
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	PG 58-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N70	3.0% @ N50	2.0% @ N50	3.0% @ N50	3.0% @ 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	IL 9.5 OR 12.5
FRICTION AGGREGATE	D	N/A	N/A	N/A	C	N/A	C	C
20 YEAR ESAL	5.1	5.1	5.1	5.1	N/A	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 ± 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.

T:\181644\Civil\PAV - Plans\2019\Plan\mms.dgn

PARSONS BRINCKERHOFF
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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. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 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
					ROADWAY	US RTE 20 OVER PECATONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL S.N. 089-0083
	20200100	EARTH EXCAVATION	CU YD	25,920	25,920		
*	20200200	ROCK EXCAVATION	CU YD	11,260	11,260		
	20800150	TRENCH BACKFILL	CU YD	39	39		
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	6,950	6,950		
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	12,930	12,930		
	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	71	71		
	28200200	FILTER FABRIC	SQ YD	71	71		
	31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	72,613	72,613		
	31100935	SUBBASE GRANULAR MATERIAL, TYPE A 18"	SQ YD	3,500	3,500		
	31100965	SUBBASE GRANULAR MATERIAL, TYPE A 24"	SQ YD	2,835	2,835		
	31100975	SUBBASE GRANULAR MATERIAL, TYPE A 30"	SQ YD	6,000	6,000		
	40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	69.7	69.7		

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

T:\JES14A\Civil\PAV_Plane\Z08PAV5000.dgn

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 Chicago, IL 60606, (312) 782-8180

USER NAME = MMS	DESIGNED - MMS	REVISED -
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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. 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	5
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 PECATONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL SN. 089-0083	
	40600895	CONSTRUCTING TEST STRIP	EACH	3	3			
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	10,007	10,007			
	40701956	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	SQ YD	43,383	43,383			
	40702700	FURNISH PROFILOGRAPH	L SUM	1	1			
	42001200	PAVEMENT FABRIC	SQ YD	275	275			
	44000100	PAVEMENT REMOVAL	SQ YD	2,729	2,729			
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	35,431	35,431			
	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	36,160	36,160			
	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	

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

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

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

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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 PECATONICA RIVER S.N. 089-0082	US RTE 20 OVER JANE ADDAMS TRAIL S.N. 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	6	6			
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	51	51			
	60100080	FRENCH DRAINS	CU YD	39	39			
	60100945	PIPE DRAINS 12"	FOOT	234	234			
	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			
	60900240	TYPE C INLET BOX, STANDARD 609006	EACH	3	3			
	60900315	TYPE D INLET BOX, STANDARD 609006	EACH	3	3			
	60900515	CONCRETE THRUST BLOCKS	EACH	3	3			
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,137.5	2,137.5			
*	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	3,062.5	3,062.5			
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	10	10			
*	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	8	8			
	63200310	GUARDRAIL REMOVAL	FOOT	1,027	1,027			
	63500105	DELINEATORS	EACH	80	80			
	64200116	SHOULDER RUMBLE STRIPS, 16"	FOOT	64,423	64,423			
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12			
	67100100	MOBILIZATION	L SUM	1	1			
	70100200	TRAFFIC CONTROL AND PROTECTION, STANDARD 701331	EACH	2	2			

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

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 Chicago, IL 60606, (312) 782-8160

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PLOT DATE = 9/28/11		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 7
SCALE: NONE		SHEET NO. 3 OF 5 SHEETS		STA. TO STA.
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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
	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	7,674	7,674		
	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	15,347	15,347		
	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	5,375	5,375		
*	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	224	224		
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	46	46		
*	78200520	BARRIER WALL MARKERS, TYPE B	EACH	26	26		
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8		

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

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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				

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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
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	26,325	26,325		
△	▪	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	1,300	1,300		
	X7240300	SIGN REMOVAL	EACH	1	1		
	▪	X7800605 URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	84	84		
	▪	X7800610 URETHANE PAVEMENT MARKING - LINE 4"	FOOT	76,896	76,896		
	▪	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	31,690	31,690		
	*	X7830074 GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	3,694	3,694		
	*	X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	1,889	1,889		
	*	X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	93	93		
	Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	444	444		
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
△	Z0014700	CULVERT TO BE CLEANED	EACH	8	8		
⊙	Z0076600	TRAINEES	HOURL	1000	1000		
	Z0062456	TEMPORARY PAVEMENT	SQ YD	1,300	1,300		

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

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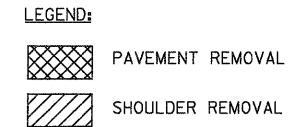
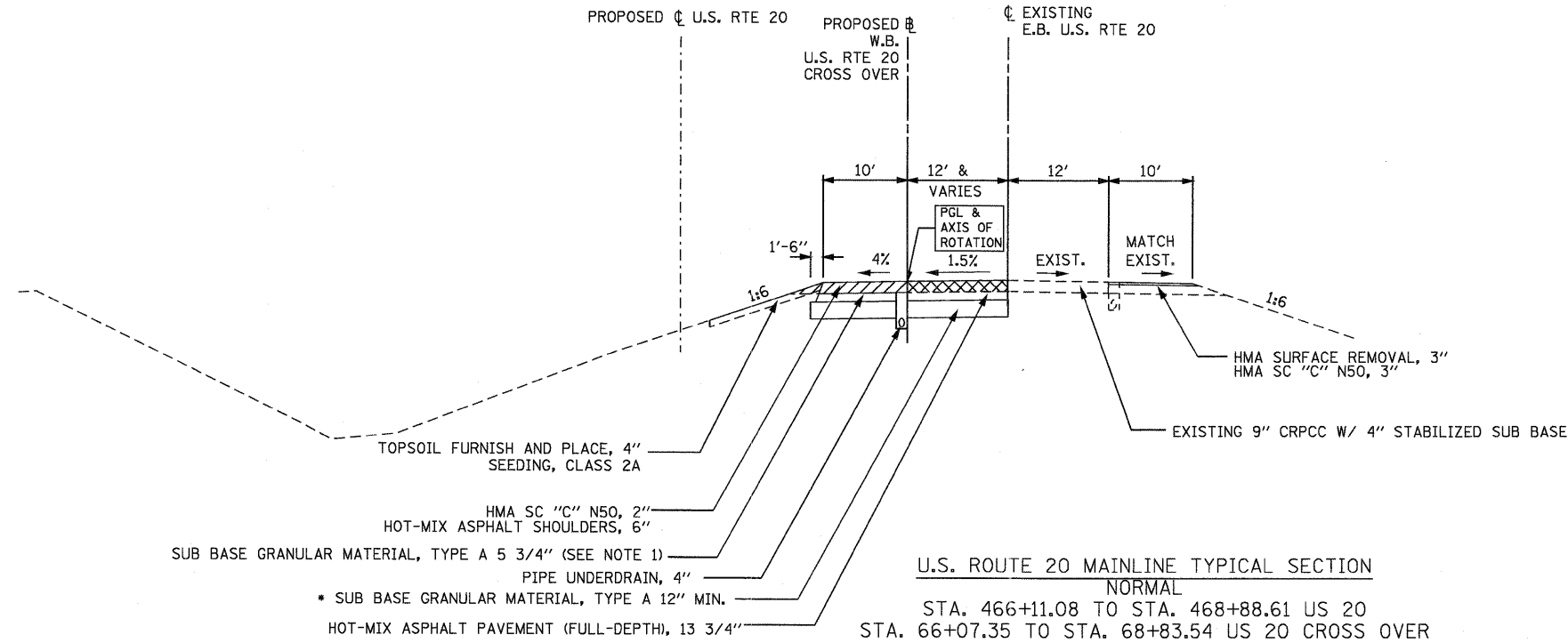
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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	9
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

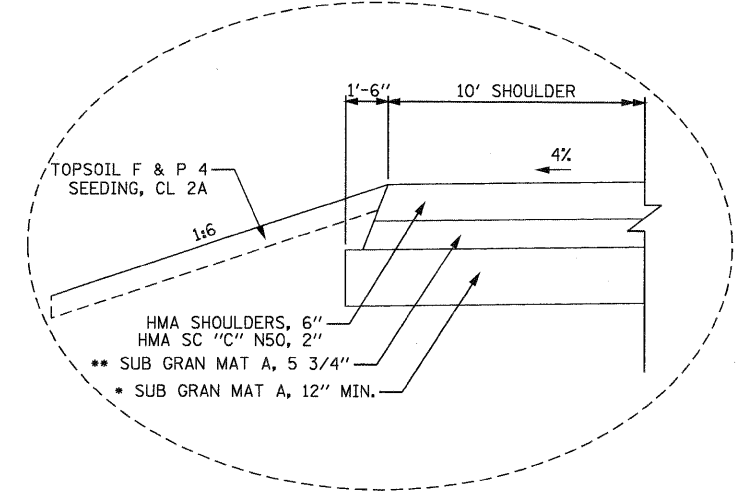
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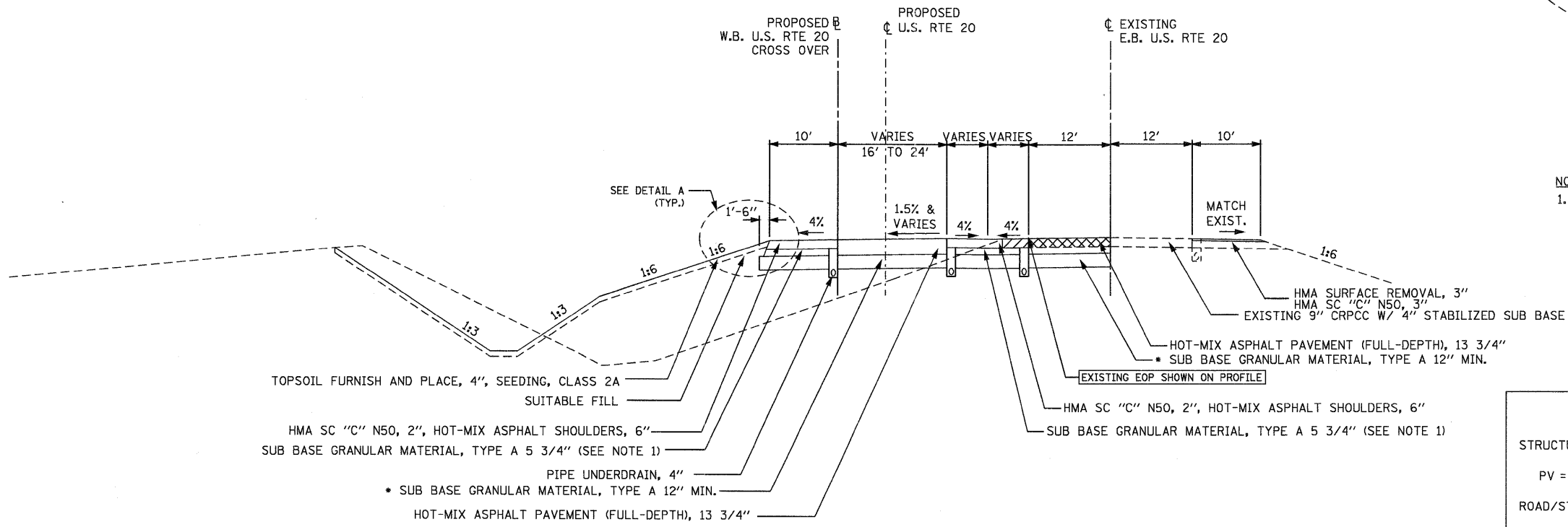
• SUB-BASE GRANULAR MATERIAL TYPE A DEPTH

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"



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



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 =	7.11
MINIMUM SOIL SUPPORT:		POOR

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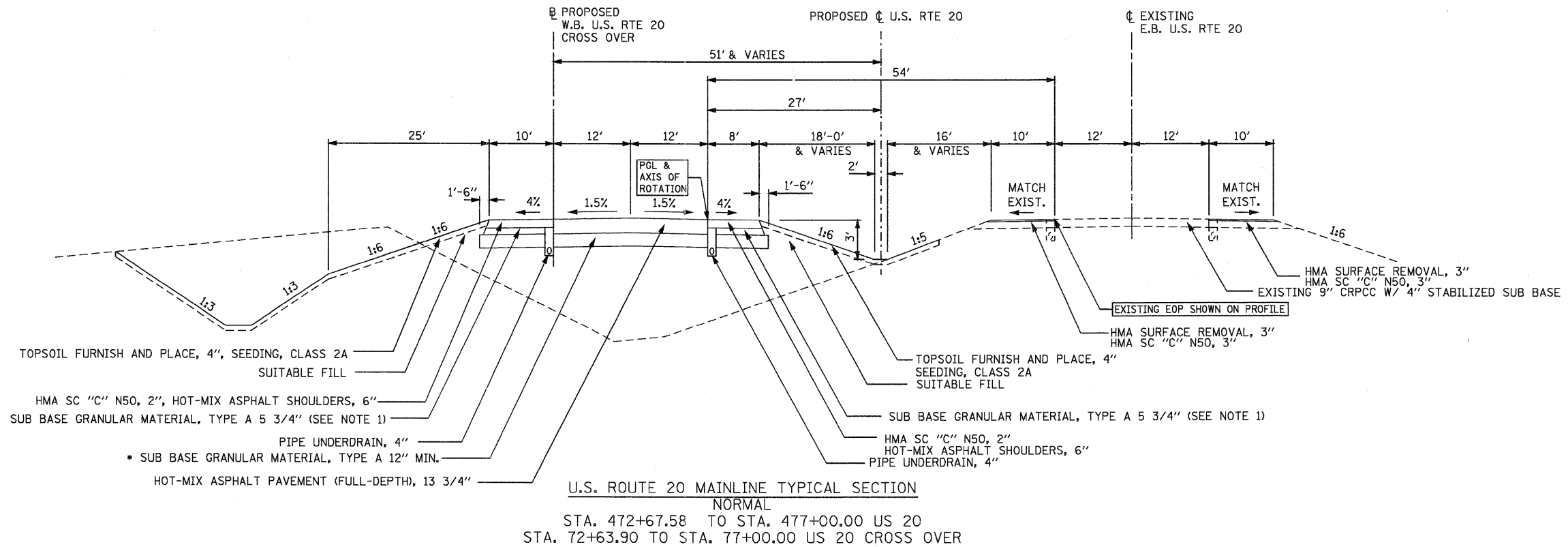
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PLOT SCALE = 1/8" = 1' IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

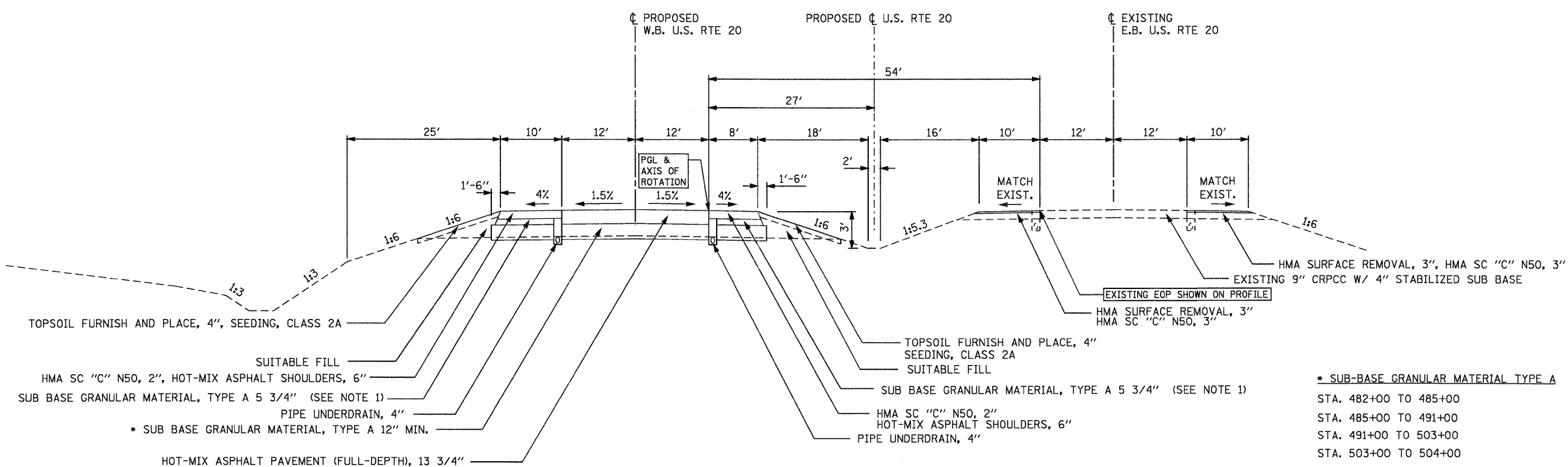
TYPICAL SECTIONS
U.S. 20 MAINLINE

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

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



U.S. ROUTE 20 MAINLINE TYPICAL SECTION (NORMAL)
 STA. 472+67.58 TO STA. 477+00.00 US 20
 STA. 72+63.90 TO STA. 77+00.00 US 20 CROSS OVER



U.S. ROUTE 20 MAINLINE TYPICAL SECTION (NORMAL)
 STA. 477+00.00 TO STA. 534+75.00
 STA. 559+00.00 TO STA. 569+13.84
 STA. 570+60.93 TO STA. 576+25.00
 STA. 598+89.24 TO STA. 629+00.00

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"

BRIDGE OMMISION
 STA. 536+87.27 TO STA. 544+44.15
 STA. 569+17.27 TO STA. 570+61.77

BRIDGE APPROACH PAVEMENT
 FROM STA. 536+57.27 TO STA. 536+87.27
 FROM STA. 544+44.15 TO STA. 544+74.15
 FROM STA. 568+87.27 TO STA. 569+17.27
 FROM STA. 570+61.77 TO STA. 570+91.77

NOTE:
 FOR APPROACH PAVEMENT SEE
 APPROACH PAVEMENT DETAILS SHEETS
 FROM SHEET NO. 95 TO SHEET NO. 105.

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

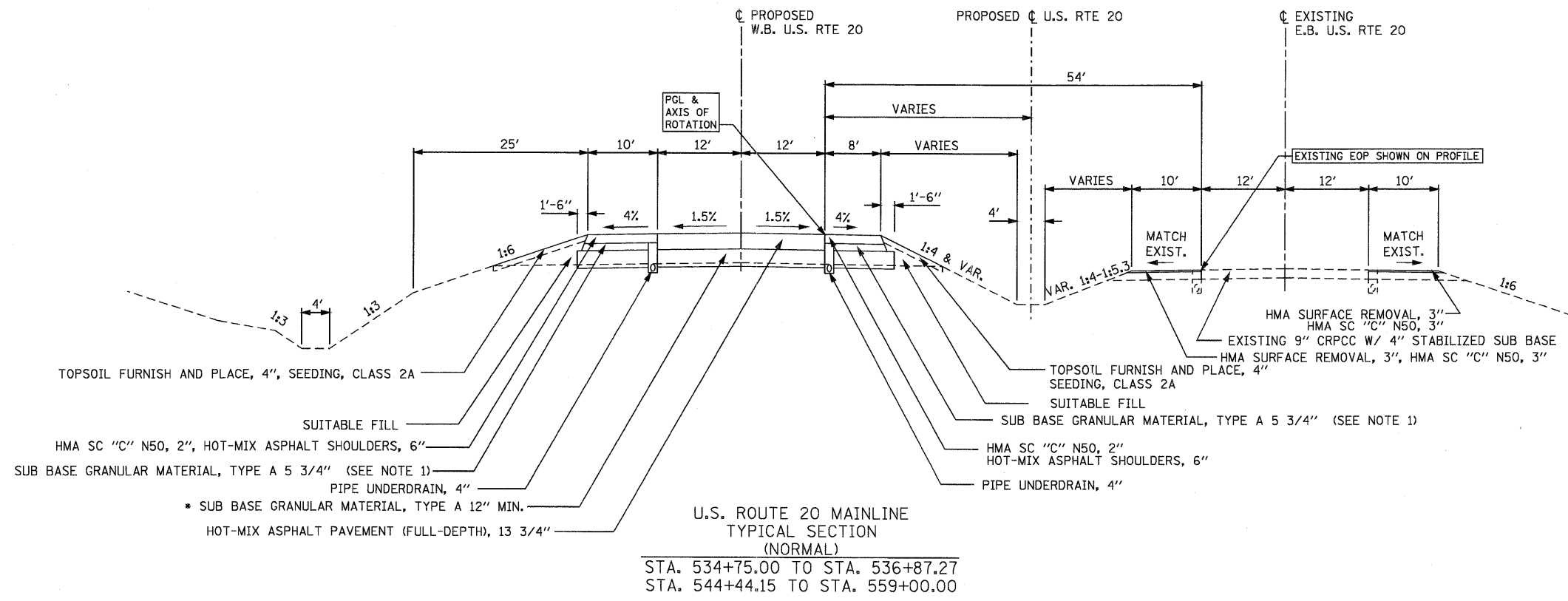
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	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: NONE	SHEET NO. 2 OF 5 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	11
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

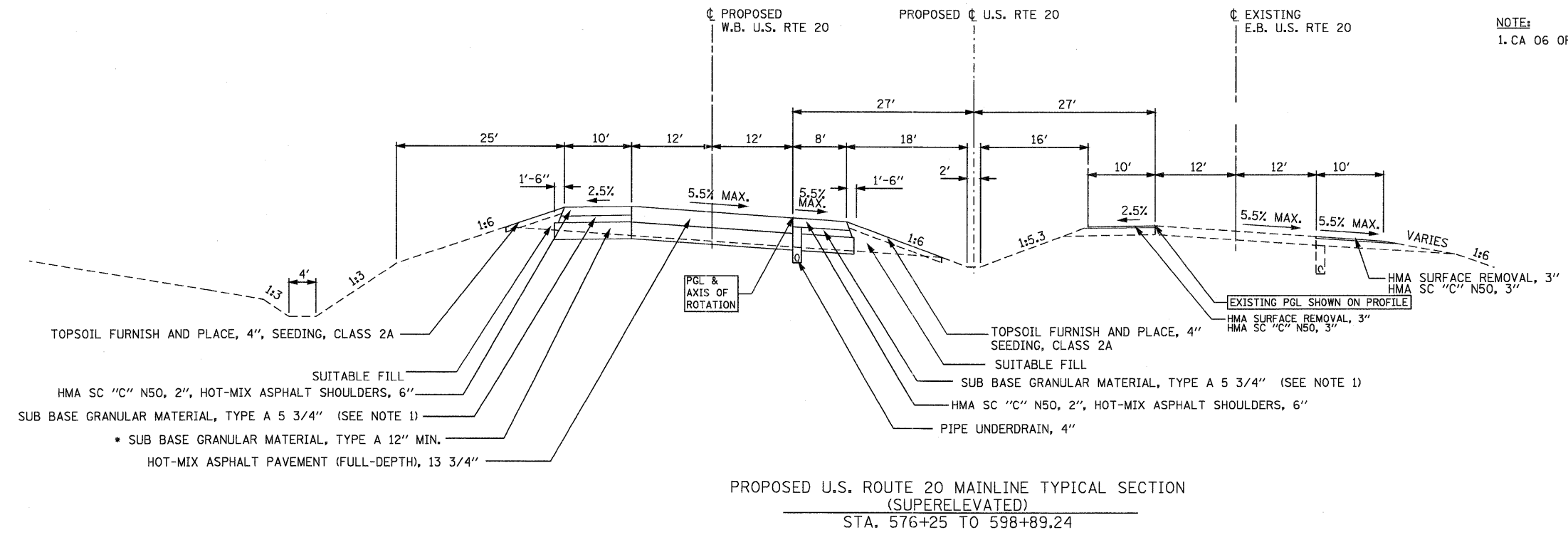


U.S. ROUTE 20 MAINLINE
TYPICAL SECTION
(NORMAL)
STA. 534+75.00 TO STA. 536+87.27
STA. 544+44.15 TO STA. 559+00.00

* 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 U.S. ROUTE 20 MAINLINE TYPICAL SECTION
(SUPERELEVATED)
STA. 576+25 TO 598+89.24

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

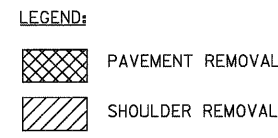
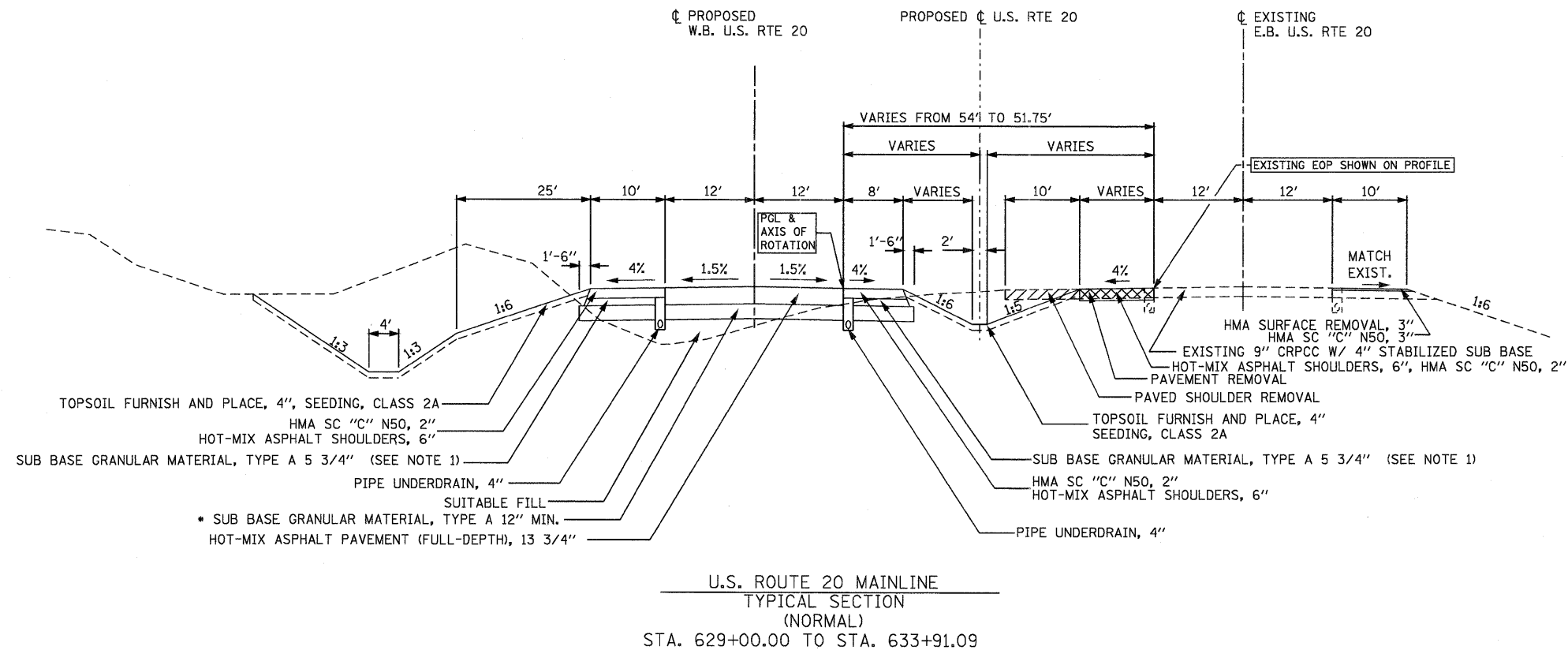
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USER NAME = MMS	DESIGNED - MMS	REVISED -
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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS U.S. 20 MAINLINE	
SCALE: NONE	SHEET NO. 3 OF 5 SHEETS
STA.	TO STA.

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

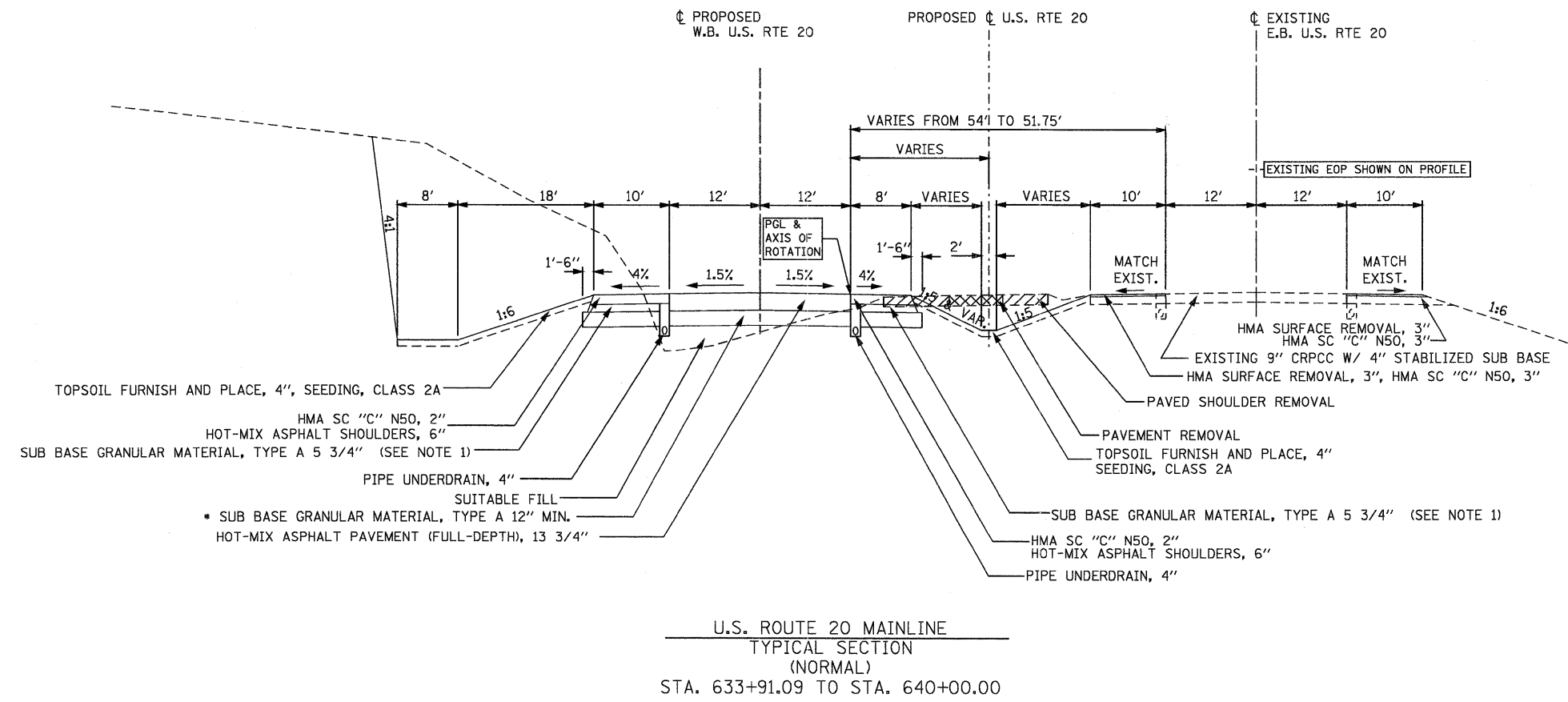


*** SUB-BASE GRANULAR MATERIAL TYPE A DEPTH**

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"

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



- 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/IN²/SY.

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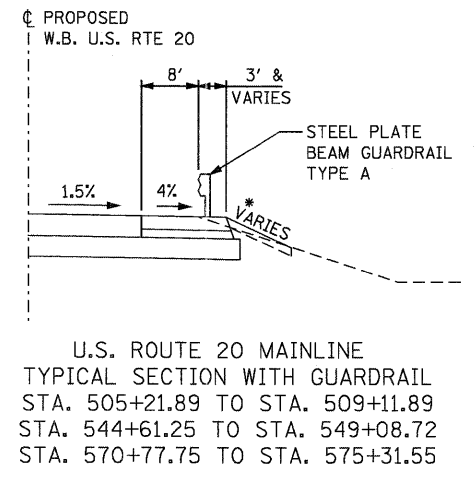
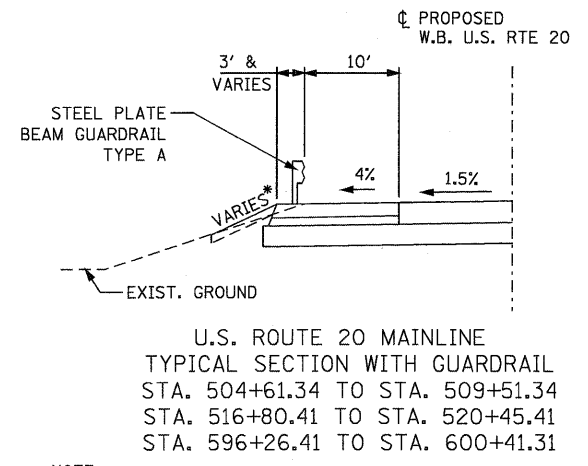
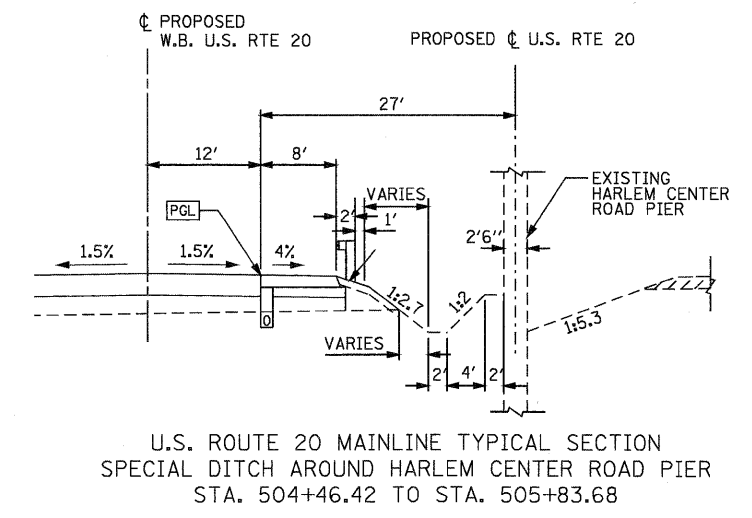
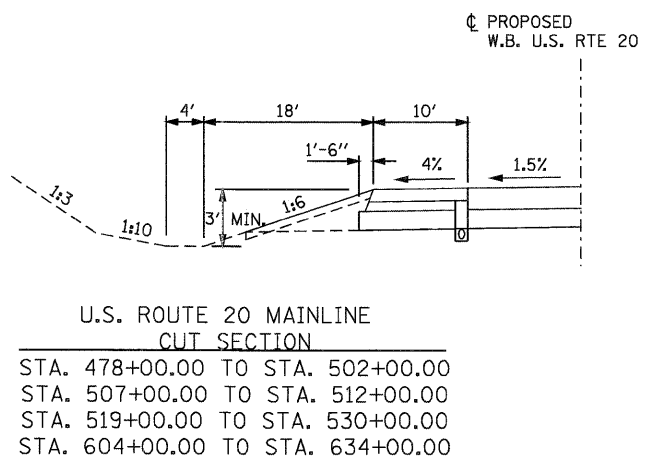
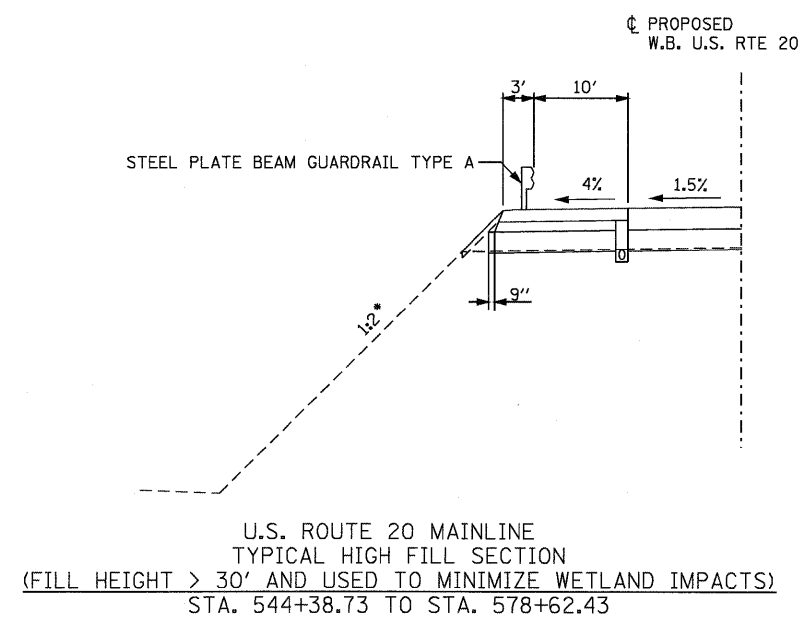
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PLOT SCALE = 1/8" = 1' IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE -	REVISED -

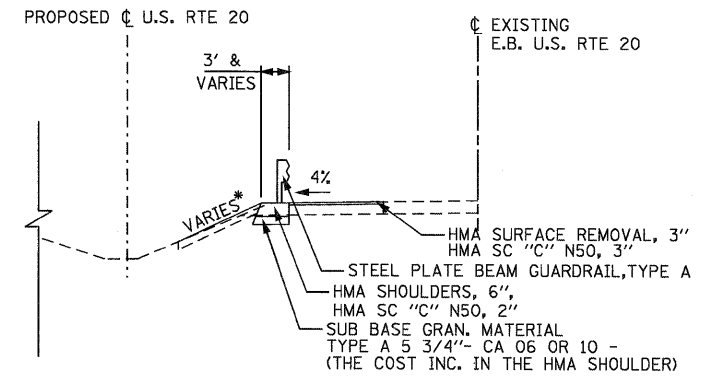
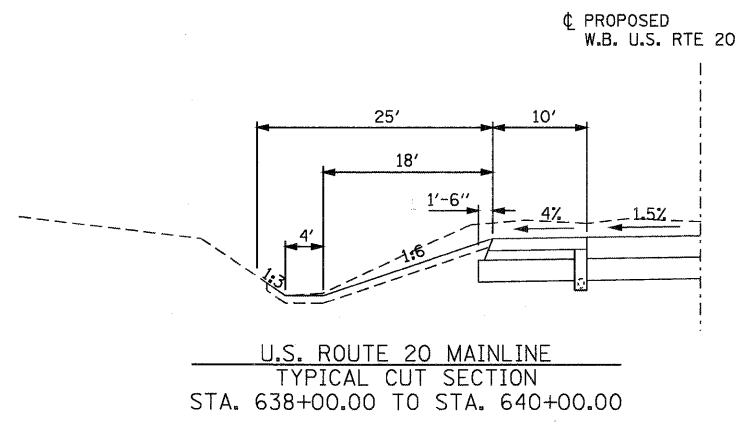
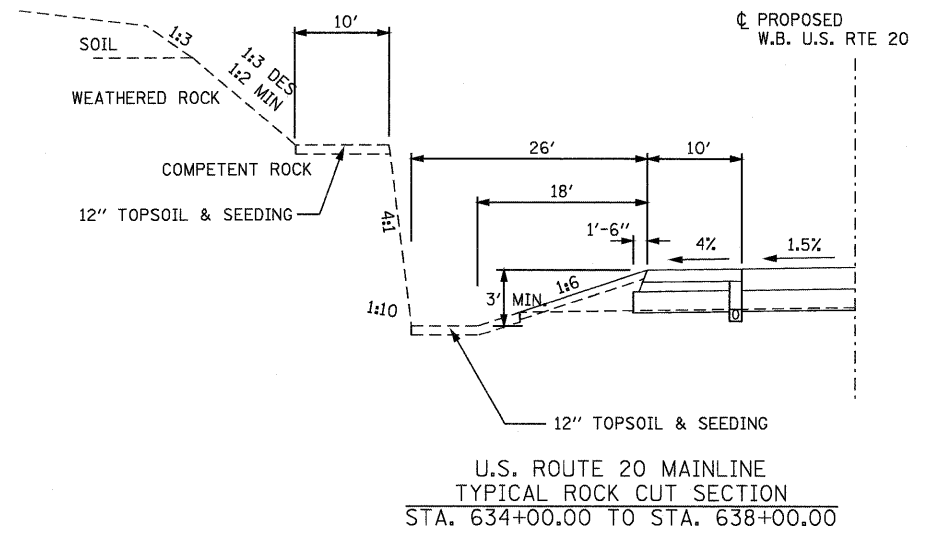
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS U.S. 20 MAINLINE	
SCALE: NONE	SHEET NO. 4 OF 5 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	13
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



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.)



- NOTES:
1. IF ROCK CUT IS GREATER THAN 8 FOOT HEIGHT, A 10 FOOT BENCH IS REQUIRED AT THE TOP
 2. 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
 3. WEIGHT OF BITUMINOUS MATERIAL = 112 LBS/IN/SY.

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

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				

20800150		TRENCH BACKFILL			CU YD	39
STATION	PIPE DIAMETER	PIPE LENGTH UNDER PAVEMENT	AVERAGE DEPTH	CU YD BACKFILL	QUANTITY	
	IN	FT	FT	PER LINEAL FT		
529+40.00	24	42	6.0	0.927	39	
TOTAL					39	

25000210		SEEDING, CLASS 2A			ACRE	11.0
STATION	TO	STATION	AREA	DESCRIPTION	QUANTITY	
			SQ FT		ACRE	
466+07.36		477+00.00	46,679	LT SIDESLOPE	1.07	
477+00.00		480+00.00	4,328	LT SIDESLOPE	0.10	
480+00.00		495+00.00	23,304	LT SIDESLOPE	0.53	
495+00.00		510+00.00	24,592	LT SIDESLOPE	0.56	
510+00.00		525+00.00	15,721	LT SIDESLOPE	0.36	
525+00.00		536+69.06	15,355	LT SIDESLOPE	0.35	
544+23.16		555+00.00	4,362	LT SIDESLOPE	0.10	
555+00.00		569+11.19	6,058	LT SIDESLOPE	0.14	
570+55.08		585+00.00	11,299	LT SIDESLOPE	0.26	
585+00.00		600+00.00	18,980	LT SIDESLOPE	0.44	
600+00.00		615+00.00	19,966	LT SIDESLOPE	0.46	
615+00.00		630+00.00	18,063	LT SIDESLOPE	0.41	
630+00.00		640+00.00	30,576	LT SIDESLOPE	0.70	
471+31.55		477+00.00	11,441	MEDIAN	0.26	
477+00.00		480+00.00	3,000	MEDIAN	0.07	
480+00.00		495+00.00	17,768	MEDIAN	0.41	
495+00.00		510+00.00	25,288	MEDIAN	0.58	
510+00.00		525+00.00	17,848	MEDIAN	0.41	
525+00.00		536+97.10	15,911	MEDIAN	0.37	
544+49.17		555+00.00	8,678	MEDIAN	0.20	
555+00.00		569+20.62	18,515	MEDIAN	0.43	
570+63.24		585+00.00	17,616	MEDIAN	0.40	
585+00.00		600+00.00	24,060	MEDIAN	0.55	
600+00.00		615+00.00	21,961	MEDIAN	0.50	
615+00.00		630+00.00	23,608	MEDIAN	0.54	
630+00.00		640+00.00	35,337	MEDIAN	0.81	
TOTAL					11.0	

25000310		SEEDING CLASS 4			ACRE	1.00
STATION	TO	STATION	LT/RT	AREA	DESCRIPTION	QUANTITY
				SQ FT		ACRE
467+00.00		476+34.13	LT	13,405	LT SIDESLOPE	0.31
631+50.25		639+00.00	LT	27,784	LT SIDESLOPE	0.64
TOTAL					1.00	

25000400		NITROGEN FERTILIZER NUTRIENT				POUND	1,077
STATION	TO	STATION	AREA	AREA	RATE	DESCRIPTION	QUANTITY
			SQ FT	ACRE	POUND/ACRE		POUND
467+00.00		476+34.13	13,405	0.3	90	FOR CLASS 4 SEEDING	28
630+91.90		639+00.00	27,784	0.6	90	FOR CLASS 4 SEEDING	57
466+07.36		477+00.00	46,679	1.1	90	FOR CLASS 2A SEEDING	96
477+00.00		480+00.00	4,328	0.1	90	FOR CLASS 2A SEEDING	9
480+00.00		495+00.00	23,304	0.5	90	FOR CLASS 2A SEEDING	48
495+00.00		510+00.00	24,592	0.6	90	FOR CLASS 2A SEEDING	51
510+00.00		525+00.00	15,721	0.4	90	FOR CLASS 2A SEEDING	32
525+00.00		536+69.06	15,355	0.4	90	FOR CLASS 2A SEEDING	32
544+23.16		555+00.00	4,362	0.1	90	FOR CLASS 2A SEEDING	9
555+00.00		569+11.19	6,058	0.1	90	FOR CLASS 2A SEEDING	13
570+55.08		585+00.00	11,299	0.3	90	FOR CLASS 2A SEEDING	23
585+00.00		600+00.00	18,980	0.4	90	FOR CLASS 2A SEEDING	39
600+00.00		615+00.00	19,966	0.5	90	FOR CLASS 2A SEEDING	41
615+00.00		630+00.00	18,063	0.4	90	FOR CLASS 2A SEEDING	37
630+00.00		640+00.00	30,576	0.7	90	FOR CLASS 2A SEEDING	63
471+31.55		477+00.00	11,441	0.3	90	FOR CLASS 2A SEEDING	24
477+00.00		480+00.00	3,000	0.1	90	FOR CLASS 2A SEEDING	6
480+00.00		495+00.00	17,768	0.4	90	FOR CLASS 2A SEEDING	37
495+00.00		510+00.00	25,288	0.6	90	FOR CLASS 2A SEEDING	52
510+00.00		525+00.00	17,848	0.4	90	FOR CLASS 2A SEEDING	37
525+00.00		536+97.10	15,911	0.4	90	FOR CLASS 2A SEEDING	33
544+49.17		555+00.00	8,678	0.2	90	FOR CLASS 2A SEEDING	18
555+00.00		569+20.62	18,515	0.4	90	FOR CLASS 2A SEEDING	38
570+63.24		585+00.00	17,616	0.4	90	FOR CLASS 2A SEEDING	36
585+00.00		600+00.00	24,060	0.6	90	FOR CLASS 2A SEEDING	50
600+00.00		615+00.00	21,961	0.5	90	FOR CLASS 2A SEEDING	45
615+00.00		630+00.00	23,608	0.5	90	FOR CLASS 2A SEEDING	49
630+00.00		639+91.09	35,337	0.8	90	FOR CLASS 2A SEEDING	73
TOTAL							1,077

25000500		PHOSPHORUS FERTILIZER NUTRIENT				POUND	1,077
STATION	TO	STATION	AREA	AREA	RATE	DESCRIPTION	QUANTITY
			SQ FT	ACRE	POUND/ACRE		POUND
467+00.00		476+34.13	13,405	0.3	90	FOR CLASS 4 SEEDING	28
630+91.90		639+00.00	27,784	0.6	90	FOR CLASS 4 SEEDING	57
466+07.36		477+00.00	46,679	1.1	90	FOR CLASS 2A SEEDING	96
477+00.00		480+00.00	4,328	0.1	90	FOR CLASS 2A SEEDING	9
480+00.00		495+00.00	23,304	0.5	90	FOR CLASS 2A SEEDING	48
495+00.00		510+00.00	24,592	0.6	90	FOR CLASS 2A SEEDING	51
510+00.00		525+00.00	15,721	0.4	90	FOR CLASS 2A SEEDING	32
525+00.00		536+69.06	15,355	0.4	90	FOR CLASS 2A SEEDING	32
544+23.16		555+00.00	4,362	0.1	90	FOR CLASS 2A SEEDING	9
555+00.00		569+11.19	6,058	0.1	90	FOR CLASS 2A SEEDING	13
570+55.08		585+00.00	11,299	0.3	90	FOR CLASS 2A SEEDING	23
585+00.00		600+00.00	18,980	0.4	90	FOR CLASS 2A SEEDING	39
600+00.00		615+00.00	19,966	0.5	90	FOR CLASS 2A SEEDING	41
615+00.00		630+00.00	18,063	0.4	90	FOR CLASS 2A SEEDING	37
630+00.00		640+00.00	30,576	0.7	90	FOR CLASS 2A SEEDING	63
471+31.55		477+00.00	11,441	0.3	90	FOR CLASS 2A SEEDING	24
477+00.00		480+00.00	3,000	0.1	90	FOR CLASS 2A SEEDING	6
480+00.00		495+00.00	17,768	0.4	90	FOR CLASS 2A SEEDING	37
495+00.00		510+00.00	25,288	0.6	90	FOR CLASS 2A SEEDING	52
510+00.00		525+00.00	17,848	0.4	90	FOR CLASS 2A SEEDING	37
525+00.00		536+97.10	15,911	0.4	90	FOR CLASS 2A SEEDING	33
544+49.17		555+00.00	8,678	0.2	90	FOR CLASS 2A SEEDING	18
555+00.00		569+20.62	18,515	0.4	90	FOR CLASS 2A SEEDING	38
570+63.24		585+00.00	17,616	0.4	90	FOR CLASS 2A SEEDING	36
585+00.00		600+00.00	24,060	0.6	90	FOR CLASS 2A SEEDING	50
600+00.00		615+00.00	21,961	0.5	90	FOR CLASS 2A SEEDING	45
615+00.00		630+00.00	23,608	0.5	90	FOR CLASS 2A SEEDING	49
630+00.00		640+00.00	35,337	0.8	90	FOR CLASS 2A SEEDING	73
TOTAL							1,077

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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-6180

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. 1 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	15
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

25000600		POTASSIUM FERTILIZER NUTRIENT			POUND	1,077	
STATION	TO	STATION	AREA	AREA	RATE	DESCRIPTION	QUANTITY
			SQ FT	ACRE	POUND/ACRE		POUND
467+00.00		476+34.13	13,405	0.3	90	FOR CLASS 4 SEEDING	28
631+50.25		634+00.00	27,784	0.6	90	FOR CLASS 4 SEEDING	57
466+07.36		477+00.00	46,679	1.1	90	FOR CLASS 2A SEEDING	96
477+00.00		480+00.00	4,328	0.1	90	FOR CLASS 2A SEEDING	9
480+00.00		495+00.00	23,304	0.5	90	FOR CLASS 2A SEEDING	48
495+00.00		510+00.00	24,592	0.6	90	FOR CLASS 2A SEEDING	51
510+00.00		525+00.00	15,721	0.4	90	FOR CLASS 2A SEEDING	32
525+00.00		536+69.06	15,355	0.4	90	FOR CLASS 2A SEEDING	32
544+23.16		555+00.00	4,362	0.1	90	FOR CLASS 2A SEEDING	9
555+00.00		569+11.19	6,058	0.1	90	FOR CLASS 2A SEEDING	13
570+55.08		585+00.00	11,299	0.3	90	FOR CLASS 2A SEEDING	23
585+00.00		600+00.00	18,980	0.4	90	FOR CLASS 2A SEEDING	39
600+00.00		615+00.00	19,966	0.5	90	FOR CLASS 2A SEEDING	41
615+00.00		630+00.00	18,063	0.4	90	FOR CLASS 2A SEEDING	37
630+00.00		640+00.00	30,576	0.7	90	FOR CLASS 2A SEEDING	63
471+31.55		477+00.00	11,441	0.3	90	FOR CLASS 2A SEEDING	24
477+00.00		480+00.00	3,000	0.1	90	FOR CLASS 2A SEEDING	6
480+00.00		495+00.00	17,768	0.4	90	FOR CLASS 2A SEEDING	37
495+00.00		510+00.00	25,288	0.6	90	FOR CLASS 2A SEEDING	52
510+00.00		525+00.00	17,848	0.4	90	FOR CLASS 2A SEEDING	37
525+00.00		536+97.10	15,911	0.4	90	FOR CLASS 2A SEEDING	33
544+49.17		555+00.00	8,678	0.2	90	FOR CLASS 2A SEEDING	18
555+00.00		569+20.62	18,515	0.4	90	FOR CLASS 2A SEEDING	38
570+63.24		585+00.00	17,616	0.4	90	FOR CLASS 2A SEEDING	36
585+00.00		600+00.00	24,060	0.6	90	FOR CLASS 2A SEEDING	50
600+00.00		615+00.00	21,961	0.5	90	FOR CLASS 2A SEEDING	45
615+00.00		630+00.00	23,608	0.5	90	FOR CLASS 2A SEEDING	49
630+00.00		640+00.00	35,337	0.8	90	FOR CLASS 2A SEEDING	73
TOTAL							1,077

25100115		MULCH, METHOD 2			ACRE	8.5
STATION	TO	STATION	AREA	LT/RT	DESCRIPTION	QUANTITY
			SQ FT			ACRE
466+11.00		477+00.00	17412		SIDESLOPE	0.4
477+00.00		479+80.00	1923		SIDESLOPE	0.0
480+02.00		504+85.00	22245		SIDESLOPE	0.5
505+23.00		507+90.00	752		SIDESLOPE	0.0
508+03.00		509+30.00	469		SIDESLOPE	0.0
509+31.00		516+42.00	1566		SIDESLOPE	0.0
517+43.00		536+24.00	8732		SIDESLOPE	0.2
536+40.00		536+66.00	777		SIDESLOPE	0.0
544+45.00		544+57.00	279		SIDESLOPE	0.0
552+04.00		552+42.00	239		SIDESLOPE	0.0
568+79.00		568+91.00	707		SIDESLOPE	0.0
575+47.00		578+08.00	926		SIDESLOPE	0.0
578+12.00		582+67.00	1603		SIDESLOPE	0.0
585+25.00		594+45.00	5792		SIDESLOPE	0.1
595+91.00		640+00.00	37095		SIDESLOPE	0.9
477+00.00		508+55.00	19346		MEDIAN	0.4
509+07.00		528+84.00	7440		MEDIAN	0.2
529+16.00		536+97.00	4091		MEDIAN	0.1
544+67.00		544+79.00	144		MEDIAN	0.0
545+71.00		548+60.00	1099		MEDIAN	0.0
548+88.00		550+59.00	813		MEDIAN	0.0
558+39.00		569+21.00	7700		MEDIAN	0.2
570+65.00		574+73.00	1743		MEDIAN	0.0
575+16.00		629+00.00	35375		MEDIAN	0.8
ADDITIONAL MULCH FOR TEMPORARY EROSION CONTROL						4.1
ADDITIONAL MULCH FOR CONTRACTOR BORROW/WASTE/USE SITES						0.4
TOTAL						8.5

25000750		MOWING			ACRE	12.0
STATION	TO	STATION	AREA	DESCRIPTION	QUANTITY	
			SQ FT		ACRE	
467+00.00		476+34.13	13,405	FOR CLASS 4 SEEDING	0.3	
630+91.90		639+00.00	27,784	FOR CLASS 4 SEEDING	0.6	
466+07.36		477+00.00	46,679	FOR CLASS 2A SEEDING	1.1	
477+00.00		480+00.00	4,328	FOR CLASS 2A SEEDING	0.1	
480+00.00		495+00.00	23,304	FOR CLASS 2A SEEDING	0.5	
495+00.00		510+00.00	24,592	FOR CLASS 2A SEEDING	0.6	
510+00.00		525+00.00	15,721	FOR CLASS 2A SEEDING	0.4	
525+00.00		536+69.06	15,355	FOR CLASS 2A SEEDING	0.4	
544+23.16		555+00.00	4,362	FOR CLASS 2A SEEDING	0.1	
555+00.00		569+11.19	6,058	FOR CLASS 2A SEEDING	0.1	
570+55.08		585+00.00	11,299	FOR CLASS 2A SEEDING	0.3	
585+00.00		600+00.00	18,980	FOR CLASS 2A SEEDING	0.4	
600+00.00		615+00.00	19,966	FOR CLASS 2A SEEDING	0.5	
615+00.00		630+00.00	18,063	FOR CLASS 2A SEEDING	0.4	
630+00.00		640+00.00	30,576	FOR CLASS 2A SEEDING	0.7	
471+31.55		477+00.00	11,441	FOR CLASS 2A SEEDING	0.3	
477+00.00		480+00.00	3,000	FOR CLASS 2A SEEDING	0.1	
480+00.00		495+00.00	17,768	FOR CLASS 2A SEEDING	0.4	
495+00.00		510+00.00	25,288	FOR CLASS 2A SEEDING	0.6	
510+00.00		525+00.00	17,848	FOR CLASS 2A SEEDING	0.4	
525+00.00		536+97.10	15,911	FOR CLASS 2A SEEDING	0.4	
544+49.17		555+00.00	8,678	FOR CLASS 2A SEEDING	0.2	
555+00.00		569+20.62	18,515	FOR CLASS 2A SEEDING	0.4	
570+63.24		585+00.00	17,616	FOR CLASS 2A SEEDING	0.4	
585+00.00		600+00.00	24,060	FOR CLASS 2A SEEDING	0.6	
600+00.00		615+00.00	21,961	FOR CLASS 2A SEEDING	0.5	
615+00.00		630+00.00	23,608	FOR CLASS 2A SEEDING	0.5	
630+00.00		640+00.00	35,337	FOR CLASS 2A SEEDING	0.8	
TOTAL						12.0

25100630		EROSION CONTROL BLANKET			SQ YD	40,802
STATION	TO	STATION	LT/RT	AREA	DESCRIPTION	QUANTITY
				SQ FT		SQ YD
466+11.00		536+68.00		56443	SIDESLOPE	6271
544+23.00		569+11.00		8901	SIDESLOPE	989
570+55.00		340+00.00		52678	SIDESLOPE	5853
466+11.00		477+00.00		33931	SIDESLOPE	3770
630+35.00		639+00.00		18417	SIDESLOPE	2046
471+39.00		477+00.00		11325	MEDIAN	1258
477+00.00		528+83.00		41411	MEDIAN	4601
529+19.00		536+96.00		6242	MEDIAN	694
544+49.00		569+20.00		17798	MEDIAN	1978
570+63.00		640+00.00		85545	MEDIAN	9505
528+54.00		528+84.00		596	MEDIAN	66
529+16.00		529+46.00		599	MEDIAN	67
ADDITIONAL QUANTITY FOR CONTRACTOR BORROW/WASTE/USE SITES						3,703
TOTAL						40,802

28000200		EARTH EXCAVATION FOR EROSION CONTROL				CU YD	427
BEGIN STATION	END STATION	OFFSET	LT/RT	DESCRIPTION	DEPTH	WIDTH	QUANTITY
					FT	FT	CU YD
466+40	466+70	34	LT	TEMP SEDIMENT BASIN	6	8	53
503+00	503+30	88	LT	TEMP SEDIMENT BASIN	6	8	53
531+20	531+50	84	LT	TEMP SEDIMENT BASIN	6	8	53
552+10	552+40	80	LT	TEMP SEDIMENT BASIN	6	4	27
591+40	591+70	0	CL	TEMP SEDIMENT BASIN	6	4	27
597+10	597+40	105	LT	TEMP SEDIMENT BASIN	6	8	53
597+60	597+90	0	CL	TEMP SEDIMENT BASIN	6	4	27
620+00	620+30	96	LT	TEMP SEDIMENT BASIN	6	8	53
639+40	639+70	82	LT	TEMP SEDIMENT BASIN	6	8	53
639+40	639+70	0	CL	TEMP SEDIMENT BASIN	6	4	27
TOTAL							427

TAUGB14A CVL1.PAV_Plans\20PAVSCHED02.dgn



USER NAME = MMS
 PLOT SCALE = 50.0000' / 1" IN.
 PLOT DATE = 9/28/11

DESIGNED - MMS
 DRAWN - MMS
 CHECKED - RMH
 DATE - 12/02/2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	16
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

SUBBASE GRANULAR MATERIAL, TYPE A 12" CONT..

31100910		SUBBASE GRANULAR MATERIAL, TYPE A 12"			SQ YD	72,613
STATION	WIDTH	TO	STATION	WIDTH	DESCRIPTION	QUANTITY
	FT			FT		SQ YD
599+68.81	3.0		599+93.81	10	WB OUTSIDE GUARDRAIL	18
599+93.81	10.0		600+18.81	10	WB OUTSIDE GUARDRAIL	28
600+18.81	10.0		600+41.31	0	WB OUTSIDE GUARDRAIL	13
501+67.63	0.0		501+90.13	10	EB INSIDE GUARDRAIL	13
501+90.13	10.0		502+15.13	10	EB INSIDE GUARDRAIL	28
502+15.13	10.0		502+40.13	3	EB INSIDE GUARDRAIL	18
502+40.13	3.0		505+07.61	3	EB INSIDE GUARDRAIL	89
505+21.89	3.0		508+39.39	3	WB INSIDE GUARDRAIL	106
508+39.39	3.0		508+64.41	10	WB INSIDE GUARDRAIL	18
508+64.41	10.0		508+89.39	10	WB INSIDE GUARDRAIL	28
508+89.39	10.0		509+11.89	0	WB INSIDE 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						72,613

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	2,835
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
SUBBASE GRANULAR MATERIAL BEHIND GUARDRAIL						
519+00.00	3.0		519+79.16	3.0	WB OUTSIDE GUARDRAIL	26
519+79.16	3.0		520+04.16	10	WB OUTSIDE GUARDRAIL	18
520+04.16	10.0		520+29.16	10	WB OUTSIDE GUARDRAIL	28
520+29.16	10.0		520+51.66	0	WB OUTSIDE GUARDRAIL	13
TOTAL						2,835

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	69.7	
STATION	WIDTH	TO	STATION	WIDTH	RATE	COATS	DESCRIPTION	QUANTITY	
	FT			FT	TON/SQ YD			TON	
66+07.36	12.0		68+83.97	22.0	0.000286	4	TRAVEL LANES	0.6	
68+83.97	16.0		70+34.00	16.0	0.000286	4	TRAVEL LANES	0.3	
68+83.97	6.0		70+34.00	20.0	0.000286	4	GORE	0.2	
70+34.00	12.0		71+31.55	12.0	0.000286	4	TRAVEL LANES	0.1	
70+34.00	16.0		72+63.90	24.0	0.000286	4	TRAVEL LANES	0.6	
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	
66+07.36	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	
68+83.54	6.0		70+34.00	20.2	0.000286	1	WB INSIDE SHOULDER	0.1	
70+34.00	8.0		71+32.83	17.5	0.000286	1	WB INSIDE SHOULDER	0.0	
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+00.00	11.0		629+50.00	11	0.000286	4	TRAVEL LANE	0.07	
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	
466+11.08	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	
EXISTING WB SHOULDER, 500 SQ YD						0.000286	1	EXISTING WB SHOULDER	0.1
TOTAL								69.7	

40603310		HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50					TON	10,007	
STATION	WIDTH	TO	STATION	WIDTH	DEPTH	LT/RT	DENSITY	DESCRIPTION	QUANTITY
	FT			FT	IN		LB/SY*IN		TON
66+07.36	10.0		77+00.00	10	2	LT	112	WB OUTSIDE SHOULDER	136.0
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
68+83.54	6.0		70+34.00	20.2	2	LT	112	WB INSIDE SHOULDER	24.5
70+34.00	8.0		71+32.83	17.5	2	LT	112	WB INSIDE SHOULDER	15.7
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

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				

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

40603310		HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50					TON		10,007	
STATION	WIDTH	TO	STATION	WIDTH	DEPTH	LT/RT	DENSITY	DESCRIPTION	QUANTITY	
	FT			FT	IN		LB/SY*IN		TON	
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	
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	
516+80.41	3.0		519+79.16	3	2	LT	112	WB OUTSIDE GUARDRAIL	11.2	
519+79.16	3.0		520+04.16	10	2	LT	112	WB OUTSIDE GUARDRAIL	2.0	
520+04.16	10.0		520+29.16	10	2	LT	112	WB OUTSIDE GUARDRAIL	3.1	
520+29.16	10.0		520+51.66	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	
596+26.42	3.0		599+68.81	3	2	LT	112	WB OUTSIDE GUARDRAIL	12.8	
599+68.81	3.0		599+93.81	10	2	LT	112	WB OUTSIDE GUARDRAIL	2.0	
599+93.81	10.0		600+18.81	10	2	LT	112	WB OUTSIDE GUARDRAIL	3.1	
600+18.81	10.0		600+41.31	0	2	LT	112	WB OUTSIDE GUARDRAIL	1.4	
501+67.63	0.0		501+90.13	10	2	RT	112	EB INSIDE GUARDRAIL	1.4	
501+90.13	10.0		502+15.13	10	2	RT	112	EB INSIDE GUARDRAIL	3.1	
502+15.13	10.0		502+40.13	3	2	RT	112	EB INSIDE GUARDRAIL	2.0	
502+40.13	3.0		505+07.61	3	2	RT	112	EB INSIDE GUARDRAIL	10.0	
505+21.89	3.0		508+39.39	3	2	LT	112	WB INSIDE GUARDRAIL	11.9	
508+39.39	3.0		508+64.41	10	2	LT	112	WB INSIDE GUARDRAIL	2.0	
508+64.41	10.0		508+89.39	10	2	LT	112	WB INSIDE GUARDRAIL	3.1	
508+89.39	10.0		509+11.89	0	2	LT	112	WB INSIDE 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	
466+11.08	10.0		537+15.69	10.0	3	RT	112	EB OUTSIDE SHOULDER	1,326.2	
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	
EXISTING WB SHOULDER, 500 SQ YD									56.0	
TOTAL									10,007	

40701956		HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"					SQ YD		43,383	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY			
	FT			FT			SQ YD			
66+07.36	12.0		68+83.97	22.0	CT	TRAVEL LANES	522			
68+83.97	16.0		70+34.00	16.0	CT	TRAVEL LANES	267			
70+34.00	12.0		71+31.55	12.0	RT	TRAVEL LANES	130			
70+34.00	16.0		72+63.90	24.0	CT	TRAVEL LANES	511			
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			
629+00.00	1.0		629+50.00	1.0	CT	EB TRAVEL LANE	6			
TOTAL							43,383			

44000100		PAVEMENT REMOVAL					SQ YD		2,729	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY			
	FT			FT			SQ YD			
466+11.08	12.0		471+38.60	12.0	LT	EB INSIDE LANE	703			
629+00.00	1.0		629+50.00	1.0	CT	EB INSIDE LANE	6			
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							2,729			

44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"					SQ YD		35,431	
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			
466+11.08	10.0		537+15.63	10.0	RT	EB OUTSIDE SHOULDER	7,894			
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			
TOTAL							35,431			

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	

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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

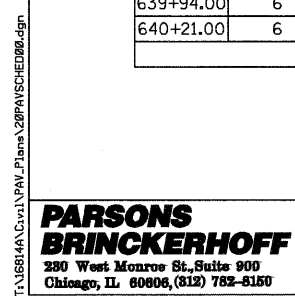
SCHEDULE OF QUANTITIES

SCALE: NONE	SHEET NO. 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							

CLASS A PATCHES													
STATION	12		FEET LANE WIDTH		AREA OF PATCHES						SAW CUTS (4W+ ?L)	TIE BARS 3/4" EACH	PATCHING REINFORCEM SQ YD
	LENGTH OF PATCH		LENGTH OF PATCH		TYPE 2		TYPE 3		TYPE 4				
	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE			
	FEET	FEET	FEET	FEET	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD			
					44200541		44200545		44200547		44213200	44213204	44213000
472+80.00	170		170					226.7			218	84	226.7
474+44.00	370		370					493.3			418	184	493.3
479+87.00	50		50					66.7			98	24	66.7
487+26.00	121		121					161.3			169	60	161.3
488+12.00		70		70						93.3	118	34	93.3
491+76.00		123		123						164.0	171	61	164.0
525+01.00	6		6		8.0						54	0	8.0
532+68.00	6		6		8.0						54	0	8.0
533+84.00		15		15				20.0			63		20.0
537+06.00	8	15	8	15	10.7			20.0			111		30.7
547+30.00	6	15	6	15	8.0			20.0			111		28.0
558+81.00	20		20					26.7			68	9	26.7
561+38.00	62		62					82.7			110	30	82.7
563+48.00	136		136					181.3			184	67	181.3
566+10.00	90		90					120.0			138	44	120.0
568+54.00	8	8	8	8	10.7	10.7					104		21.3
572+05.00	10	10	10	10	13.3	13.3					106		26.7
597+82.00	55	110	55	110				73.3	146.7		206	54	220.0
625+65.00		25		25					33.3		73	12	33.3
					TOTAL		83	60.0	1870		2574	663	2012

CLASS B PATCHING														
STATION	12		FEET LANE WIDTH		TYPE 2		TYPE 3		TYPE 4		SAW CUTS (3W+ ?L)	DOWEL BARS 1 1/2" EACH	TIE BARS EACH	PAVEMENT FABRIC SQ YD
	LENGTH OF PATCH		TYPE 2		TYPE 3		TYPE 4							
	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE	LT LANE	RT LANE						
	FEET	FEET	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD						
				44200982		44200986		44200988		44213200	44201299	44213204	42001200	
626+12.00		20						26.7		56	20	9	26.7	
627+07.00	15	6		8		20.0				87	40	0	20.0	
627+37.00	15	18	8				24.0			90	40		24.0	
627+88.00	15	6		8				26.7		92	40	9	26.7	
630+24.00	15	50	8					66.7		122	40	24	66.7	
630+65.00	15	18	8			24.0				90	40		24.0	
631+82.00	15	6		8				86.7		137	40	32	86.7	
Pavement Patching, Class B at East End of project (Existing 4 lane section) EASTBOUND														
633+52.00		6		8						42	20			
633+56.00	6	6	8	8						78	40			
636+00.00	6	6	8	8						78	40			
636+49.00	6	6	8	8						78	40			
638+40.00	6	6	8	8						78	40			
638+89.00	6	6	8	8						78	40			
639+28.00	6	6	8	8						78	40			
639+65.00	6	6	8	8						78	40			
640+08.00	6	6	8	8						78	40			
Pavement Patching, Class B at East End of project (Existing 4 lane section) WEST BOUND														
638+70.00	6	6	8	8						78	40			
639+55.00	6	6	8	8						78	40			
639+94.00	6	6	8	8						78	40			
640+21.00	6	6	8	8						78	40			
				TOTAL		248	68.0	207		1652	760	74	275	

48203021		HOT-MIX ASPHALT SHOULDERS, 6"				SQ YD		36,160	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY	SQ YD	
	FT			FT					
HOT-MIX ASPHALT SHOULDERS									
66+07.36	10.0		77+00.00	10.0	LT	WB OUTSIDE SHOULDER	1214.0		
477+00.00	10.0		536+45.09	10.0	LT	WB OUTSIDE SHOULDER	6605.7		
544+56.78	10.0		568+82.92	10.0	LT	WB OUTSIDE SHOULDER	2695.7		
570+86.59	10.0		640+00.00	10.0	LT	WB OUTSIDE SHOULDER	7681.6		
68+83.54	6.0		70+34.00	20.2	LT	WB GORE	219.0		
70+34.00	8.0		71+32.83	17.4	LT	WB GORE	139.5		
71+32.83	8.0		77+00.00	8.0	LT	WB INSIDE SHOULDER	504.2		
477+00.00	8.0		535+91.59	8.0	LT	WB INSIDE SHOULDER	5237.0		
528+65.87	0.0		528+84.02	37.0	CT	MAINTENANCE CROSS OVER	15.7		
528+84.02	37.0		529+15.98	37.0	CT	MAINTENANCE CROSS OVER	131.4		
529+15.98	37.0		529+34.12	0.0	CT	MAINTENANCE CROSS OVER	15.7		
535+91.59	8.0		536+60.71	6.0	LT	WB INSIDE SHOULDER	53.8		
544+74.48	6.0		545+17.50	6	LT	WB INSIDE SHOULDER	28.7		
545+17.50	6.0		545+77.50	8	LT	WB INSIDE SHOULDER	46.7		
545+77.50	8.0		568+16.08	8	LT	WB INSIDE SHOULDER	1989.8		
568+16.08	8.0		568+87.85	6	LT	WB INSIDE SHOULDER	55.8		
570+92.17	6.0		571+34.00	6	LT	WB INSIDE SHOULDER	27.9		
571+34.00	6.0		571+94.00	8	LT	WB INSIDE SHOULDER	46.7		
571+94.00	8.0		640+00.00	8	LT	WB INSIDE SHOULDER	6049.8		
629+00.00	10.0		633+93.41	10.0	LT	EB INSIDE SHOULDER	548.2		
HOT-MIX ASPHALT SHOULDERS BEHIND GUARDRAIL									
504+61.34	3.0		508+78.84	3.0	LT	WB OUTSIDE SHOULDER	139.2		
508+78.84	3.0		509+03.84	10.0	LT	WB OUTSIDE SHOULDER	18.1		
509+03.84	10.0		509+28.84	10.0	LT	WB OUTSIDE SHOULDER	27.8		
509+28.84	10.0		509+51.34	0.0	LT	WB OUTSIDE SHOULDER	12.5		
516+80.41	3.0		519+79.16	3.0	LT	WB OUTSIDE SHOULDER	99.6		
519+79.16	3.0		520+04.16	10.0	LT	WB OUTSIDE SHOULDER	18.1		
520+04.16	10.0		520+29.16	10.0	LT	WB OUTSIDE SHOULDER	27.8		
520+29.16	10.0		520+51.66	0.0	LT	WB OUTSIDE SHOULDER	12.5		
536+30.43	3.0		536+57.59	3.0	LT	WB OUTSIDE SHOULDER	9.1		
544+38.73	3.0		568+96.68	3.0	LT	WB OUTSIDE SHOULDER	819.3		
570+71.18	3.0		577+89.93	3.0	LT	WB OUTSIDE SHOULDER	239.6		
577+89.93	3.0		578+14.93	10.0	LT	WB OUTSIDE SHOULDER	18.1		
578+14.93	10.0		578+39.93	10.0	LT	WB OUTSIDE SHOULDER	27.8		
578+39.93	10.0		578+62.43	0.0	LT	WB OUTSIDE SHOULDER	12.5		
596+26.42	3.0		599+68.81	3.0	LT	WB OUTSIDE SHOULDER	114.1		
599+68.81	3.0		599+93.81	10.0	LT	WB OUTSIDE SHOULDER	18.1		
599+93.81	10.0		600+18.81	10.0	LT	WB OUTSIDE SHOULDER	27.8		
600+18.81	10.0		600+41.31	0.0	LT	WB OUTSIDE SHOULDER	12.5		
501+67.63	0.0		501+90.13	10	RT	EB INSIDE GUARDRAIL	12.5		
501+90.13	10.0		502+15.13	10	RT	EB INSIDE GUARDRAIL	27.8		
502+15.13	10.0		502+40.13	3	RT	EB INSIDE GUARDRAIL	18.1		
502+40.13	3.0		505+07.61	3	RT	EB INSIDE GUARDRAIL	89.2		
505+21.89	3.0		508+39.39	3	LT	WB INSIDE SHOULDER	105.8		
508+39.39	3.0		508+64.41	10	LT	WB INSIDE SHOULDER	18.1		
508+64.41	10.0		508+89.39	10	LT	WB INSIDE SHOULDER	27.5		
508+89.39	10.0		509+11.89	0	LT	WB INSIDE SHOULDER	12.5		
536+51.59	3.0		536+78.76	3.0	LT	WB INSIDE SHOULDER	9.1		
544+61.25	3.0		548+36.22	3.0	LT	WB INSIDE SHOULDER	125.0		
548+36.22	3.0		548+61.15	10.0	LT	WB INSIDE SHOULDER	18.0		
548+61.15	10.0		548+86.23	10.0	LT	WB INSIDE SHOULDER	27.9		
548+86.23	10.0		549+08.73	0.0	LT	WB INSIDE SHOULDER	12.5		
568+76.08	3.0		569+03.25	3.0	LT	WB INSIDE SHOULDER	9.1		
570+77.75	3.0		574+59.05	3.0	LT	WB INSIDE SHOULDER	127.1		
574+59.05	3.0		574+84.05	10.0	LT	WB INSIDE SHOULDER	18.1		
574+84.05	10.0		575+09.05	10.0	LT	WB INSIDE SHOULDER	27.8		
575+09.05	10.0		575+31.54	0.0	LT	WB INSIDE SHOULDER	12.5		
EXISTING WB SHOULDER, 500 SQ YD							500		
TOTAL							36,160		



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

SCALE: NONE		SHEET NO. 6 OF 16 SHEETS		STA. TO STA.	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	20
FINAL SUBMITTAL		CONTRACT NO. 64860		
[ILLINOIS] FED. AID PROJECT P-92-014-03				

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

542ID024		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

542I3669		PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"			EACH	1
STATION	TO	STATION			QUANTITY	
529+40.00					1	
TOTAL						1

542I5547		METAL END SECTIONS 12"		EACH	6
STATION	OFFSET	LT/RT	INVERT	DECRPTION	QUANTITY
					EACH
536+45.78	127.67	LT	756.26		1
536+66.95	2.77	RT	771.32		1
544+50.54	93.62	LT	758.84		1
544+73.06	3.18	RT	769.58		1
568+84.87	129.83	LT	757.61		1
568+91.44	2.45	RT	788.54		1
TOTAL					6

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	234
STATION	LT/RT	US INVERT	DS INVERT	DECRPTION	QUANTITY
					FOOT
536+45.78	LT	772.41	757.00		69
536+66.95	RT	772.48	770.70		18
544+50.54	LT	772.15	758.84		35
544+73.06	RT	771.99	769.58		18
568+84.87	LT	789.14	758.76		76
568+91.44	RT	789.19	788.00		19
TOTAL					234

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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606 (312) 782-8160

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**

SCHEDULE OF QUANTITIES

SCALE: NONE	SHEET NO. 7 OF 16 SHEETS	STA. TO STA.	F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 21
			FINAL SUBMITTAL		CONTRACT NO. 64860		
			ILLINOIS FED. AID PROJECT P-92-014-03				

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
536+66.95	21.00	RT	772.60		1
544+73.06	21.00	RT	772.43		1
568+91.44	21.00	RT	789.31		1
TOTAL					3

60900315		TYPE D INLET BOX, STANDARD 609006		EACH	3
STATION	OFFSET	LT/RT	INVERT	DESCRIPTION	QUANTITY
536+45.78	61.00	LT	772.44		1
544+50.54	61.00	LT	772.27		1
568+84.87	61.00	LT	789.14		1
TOTAL					3

60900515		CONCRETE THRUST BLOCKS		EACH	3
STATION	LT/RT				QUANTITY
536+45.78	LT				1
544+50.54	LT				1
568+84.87	LT				1
TOTAL					3

63000001		STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS		FOOT	2,137.5
STATION	TO	STATION	LT/RT	DESCRIPTION	QUANTITY
504+78.84		508+66.34	LT	WB OUTSIDE SHOULDER	387.5
516+97.91		519+60.41	LT	WB OUTSIDE SHOULDER	262.50
502+52.60		504+90.10	RT	EB INSIDE SHOULDER	237.5
505+39.39		508+26.89	LT	WB INSIDE SHOULDER	287.5
545+05.00		548+30.00	LT	WB INSIDE SHOULDER	325
571+21.50		574+46.50	LT	WB INSIDE SHOULDER	325
596+43.81		599+56.31	LT	WB INSIDE SHOULDER	312.5
TOTAL					2,137.5

63000003		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS		FOOT	3,062.5
STATION	TO	STATION	LT/RT	DESCRIPTION	QUANTITY
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	10
STATION	TO	STATION	LT/RT	DESCRIPTION	QUANTITY
504+66.34		504+78.84	LT	WB OUTSIDE SHOULDER	1
516+85.41		516+97.91	LT	WB OUTSIDE SHOULDER	1
536+30.42		536+42.92	LT	WB OUTSIDE SHOULDER	1
596+31.31		596+43.81	LT	WB OUTSIDE SHOULDER	1
505+26.89		505+39.39	LT	WB INSIDE SHOULDER	1
536+51.59		536+64.09	LT	WB INSIDE SHOULDER	1
568+76.08		568+88.58	LT	WB INSIDE SHOULDER	1
504+90.10		505+02.60	RT	EB 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					10

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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-8160

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. 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				

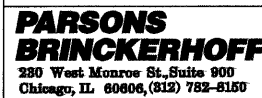
70300220		TEMPORARY PAVEMENT MARKING - LINE 4"						FOOT	15,347
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	RATIO	COLOR	DESCRIPTION	QUANTITY
	FT			FT					FOOT
457+69.59	27		466+11.08	43	RT	1.00	WHITE	EASTBOUND	841
466+11.08	43		470+38.61	43	RT	1.00	WHITE	EASTBOUND	428
470+38.61	43		479+18.61	27	RT	1.00	WHITE	EASTBOUND	880
457+89.82	38		466+10.99	53	RT	1.00	YELLOW	EASTBOUND	821
466+10.99	53		470+38.70	53	RT	1.00	YELLOW	EASTBOUND	428
470+38.70	53		479+18.79	37	RT	1.00	YELLOW	EASTBOUND	880
457+89.78	40		466+10.98	55	RT	1.00	YELLOW	EASTBOUND	821
466+10.98	55		470+38.71	55	RT	1.00	YELLOW	EASTBOUND	428
470+38.71	55		479+18.83	39	RT	1.00	YELLOW	EASTBOUND	880
458+37.79	51		466+10.68	65	RT	1.00	WHITE	EASTBOUND	773
466+10.68	65		470+38.79	65	RT	1.00	WHITE	EASTBOUND	428
470+38.79	65		478+05.99	51	RT	1.00	WHITE	EASTBOUND	767
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									15,347

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	5,375
STATION	TO	STATION	LT/RT	WIDTH	RATIO	COLOR	DESCRIPTION	QUANTITY	
				FT				SQ FT	
457+69.59		466+11.08	RT	0.33	1.00	WHITE	EASTBOUND	278	
466+11.08		470+38.61	RT	0.33	1.00	WHITE	EASTBOUND	141	
470+38.61		479+18.61	RT	0.33	1.00	WHITE	EASTBOUND	290	
457+89.82		466+10.99	RT	0.33	1.00	YELLOW	EASTBOUND	271	
466+10.99		470+38.70	RT	0.33	1.00	YELLOW	EASTBOUND	141	
470+38.70		479+18.79	RT	0.33	1.00	YELLOW	EASTBOUND	290	
457+89.78		466+10.98	RT	0.33	1.00	YELLOW	EASTBOUND	271	
466+10.98		470+38.71	RT	0.33	1.00	YELLOW	EASTBOUND	141	
470+38.71		479+18.83	RT	0.33	1.00	YELLOW	EASTBOUND	290	
458+37.79		466+10.68	RT	0.33	1.00	WHITE	EASTBOUND	255	
466+10.68		470+38.79	RT	0.33	1.00	WHITE	EASTBOUND	141	
470+38.79		478+05.99	RT	0.33	1.00	WHITE	EASTBOUND	253	
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+33.02	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									5,375

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

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	224
STATION	TO	STATION	LT/RT	INTERVAL	TYPE	DESCRIPTION	QUANTITY
457+69.59		468+25.52	RT	80	TWO-WAY	EB/WB TRAVEL LANES	13
471+38.61		640+25.00	RT	80	ONE-WAY	EB TRAVEL LANES	211
TOTAL							224

78200410	GUARDRAIL MARKERS, TYPE A					EACH	46
STATION	TO	STATION	SHOULDER	INTERVAL	COLOR	QUANTITY	
						EACH	
504+78.84		508+66.34	LT	80	CRYSTAL	5	
516+97.91		519+60.41	LT	80	CRYSTAL	4	
544+82.48		564+52.93	LT	400	CRYSTAL	5	
564+52.93		568+52.93	LT	80	CRYSTAL	5	
571+14.93		573+71.18	LT	80	CRYSTAL	4	
573+71.18		577+77.43	LT	400	CRYSTAL	2	
596+43.81		599+56.31	LT	80	CRYSTAL	4	
505+39.39		508+26.89	LT	80	AMBER	4	
545+05.00		548+30.00	LT	80	AMBER	5	
571+21.50		574+46.50	LT	80	AMBER	5	
502+52.60		504+90.10	RT	80	AMBER	3	
TOTAL							46

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	8
STATION		LT/RT	DESCRIPTION		QUANTITY		
509+16.34		LT	WB OUTSIDE SHOULDER		1		
520+10.41		LT	WB OUTSIDE SHOULDER		1		
578+27.43		LT	WB OUTSIDE SHOULDER		1		
600+06.55		LT	WB OUTSIDE SHOULDER		1		
548+80.00		LT	WB INSIDE SHOULDER		1		
574+96.50		LT	WB INSIDE SHOULDER		1		
508+76.89		LT	WB INSIDE SHOULDER		1		
502+02.60		RT	EB INSIDE SHOULDER		1		
TOTAL						8	

78300100	PAVEMENT MARKING REMOVAL								SQ FT	26,325
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	WIDTH	RATIO	COLOR	QUANTITY	
	FT			FT		FT			SQ FT	
457+69.59	27		640+25.00	27	RT	0.33	1.00	WHITE	6,024	
457+69.59	51		640+25.00	51	RT	0.33	1.00	WHITE	6,024	
457+69.59	39		640+25.00	39	RT	0.67	1.00	YELLOW	12,231	
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									26,325	

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

TEMPORARY DITCH CHECKS CONT..

X2800300		TEMPORARY DITCH CHECKS (SPECIAL)			EACH	178
STATION	OFFSET	LT/RT	DITCH SLOPE %	DESCRIPTION	QUANTITY	
					EACH	
					EACH	
65+00	71	LT	0.30	LEFT DITCH	1	
71+86	50	LT	0.30	LEFT DITCH	1	
77+30	30	LT	1.31	LEFT DITCH	1	
478+75	91	LT	1.43	LEFT DITCH	1	
480+00	86	LT	1.54	LEFT DITCH	1	
481+25	86	LT	1.66	LEFT DITCH	1	
482+30	90	LT	1.77	LEFT DITCH	1	
483+30	94	LT	1.88	LEFT DITCH	1	
484+30	87	LT	2.00	LEFT DITCH	1	
485+35	94	LT	2.11	LEFT DITCH	1	
486+22	94	LT	2.22	LEFT DITCH	1	
487+03	95	LT	2.60	LEFT DITCH	1	
487+71	98	LT	2.60	LEFT DITCH	1	
488+53	100	LT	2.60	LEFT DITCH	1	
489+33	100	LT	2.60	LEFT DITCH	1	
490+06	97	LT	2.60	LEFT DITCH	1	
490+86	97	LT	2.60	LEFT DITCH	1	
491+63	97	LT	2.60	LEFT DITCH	1	
492+33	99	LT	2.60	LEFT DITCH	1	
493+14	99	LT	2.60	LEFT DITCH	1	
493+94	88	LT	2.60	LEFT DITCH	1	
494+71	96	LT	2.60	LEFT DITCH	1	
495+52	94	LT	2.60	LEFT DITCH	1	
496+25	94	LT	2.60	LEFT DITCH	1	
497+05	90	LT	2.60	LEFT DITCH	1	
497+76	89	LT	2.60	LEFT DITCH	1	
498+47	90	LT	2.60	LEFT DITCH	1	
499+25	95	LT	2.59	LEFT DITCH	1	
500+13	94	LT	2.55	LEFT DITCH	1	
501+00	90	LT	2.25	LEFT DITCH	1	
502+11	89	LT	1.89	LEFT DITCH	1	
503+75	88	LT	1.18	LEFT DITCH	1	
505+95	87	LT	N/A	LEFT DITCH	1	
506+45	88	LT	N/A	LEFT DITCH	1	
507+44	88	LT	N/A	LEFT DITCH	1	
508+62	84	LT	1.71	LEFT DITCH	1	
510+54	84	LT	1.06	LEFT DITCH	1	
513+28	94	LT	0.73	LEFT DITCH	1	
514+60	103	LT	1.47	LEFT DITCH	1	
516+05	101	LT	1.47	LEFT DITCH	1	
517+30	103	LT	0.40	LEFT DITCH	1	
522+39	97	LT	0.59	LEFT DITCH	1	
525+69	98	LT	0.78	LEFT DITCH	1	
528+31	100	LT	0.78	LEFT DITCH	1	
530+76	106	LT	0.30	LEFT DITCH	1	
531+46	109	LT	N/A	LEFT DITCH	1	
570+95	138	LT	1.54	LEFT DITCH	1	
572+24	137	LT	2.78	LEFT DITCH	1	
573+00	136	LT	2.48	LEFT DITCH	1	
573+75	132	LT	2.25	LEFT DITCH	1	
574+66	133	LT	2.25	LEFT DITCH	1	
575+64	136	LT	9.87	LEFT DITCH	1	
575+85	135	LT	9.87	LEFT DITCH	1	
581+50	81	LT	2.72	LEFT DITCH	1	
582+27	83	LT	2.72	LEFT DITCH	1	
596+55	112	LT	0.54	LEFT DITCH	1	
599+66	103	LT	0.54	LEFT DITCH	1	
603+40	99	LT	0.54	LEFT DITCH	1	
607+05	102	LT	0.54	LEFT DITCH	1	
610+75	95	LT	0.54	LEFT DITCH	1	
614+52	90	LT	0.54	LEFT DITCH	1	

X2800300		TEMPORARY DITCH CHECKS (SPECIAL)			EACH	178
STATION	OFFSET	LT/RT	DITCH SLOPE %	DESCRIPTION	QUANTITY	
					EACH	
					EACH	
618+20	89	LT	0.54	LEFT DITCH	1	
621+82	96	LT	2.00	LEFT DITCH	1	
622+89	96	LT	2.00	LEFT DITCH	1	
623+90	98	LT	2.00	LEFT DITCH	1	
624+86	99	LT	2.00	LEFT DITCH	1	
625+87	95	LT	2.00	LEFT DITCH	1	
626+90	98	LT	0.30	LEFT DITCH	1	
629+77	111	LT	N/A	LEFT DITCH	1	
630+05	110	LT	3.44	LEFT DITCH	1	
630+58	86	LT	3.44	LEFT DITCH	1	
631+66	92	LT	3.44	LEFT DITCH	1	
631+84	101	LT	3.44	LEFT DITCH	1	
632+22	92	LT	3.44	LEFT DITCH	1	
633+00	99	LT	3.44	LEFT DITCH	1	
633+58	94	LT	3.44	LEFT DITCH	1	
639+84	81	LT	N/A	LEFT DITCH	1	
475+36	0	CL	0.98	MEDIAN DITCH	1	
477+11	0	CL	1.20	MEDIAN DITCH	1	
478+59	0	CL	1.31	MEDIAN DITCH	1	
479+94	0	CL	1.54	MEDIAN DITCH	1	
481+10	0	CL	1.66	MEDIAN DITCH	1	
482+27	0	CL	1.77	MEDIAN DITCH	1	
483+33	0	CL	1.88	MEDIAN DITCH	1	
484+30	0	CL	2.00	MEDIAN DITCH	1	
485+23	0	CL	2.22	MEDIAN DITCH	1	
486+08	0	CL	2.34	MEDIAN DITCH	1	
486+93	0	CL	2.60	MEDIAN DITCH	1	
487+74	0	CL	2.60	MEDIAN DITCH	1	
488+47	0	CL	2.60	MEDIAN DITCH	1	
489+24	0	CL	2.60	MEDIAN DITCH	1	
490+05	0	CL	2.60	MEDIAN DITCH	1	
490+77	0	CL	2.60	MEDIAN DITCH	1	
491+50	0	CL	2.60	MEDIAN DITCH	1	
492+28	0	CL	2.60	MEDIAN DITCH	1	
493+06	0	CL	2.60	MEDIAN DITCH	1	
493+87	0	CL	2.60	MEDIAN DITCH	1	
494+57	0	CL	2.60	MEDIAN DITCH	1	
495+40	0	CL	2.60	MEDIAN DITCH	1	
496+15	0	CL	2.60	MEDIAN DITCH	1	
496+94	0	CL	2.60	MEDIAN DITCH	1	
497+77	0	CL	2.60	MEDIAN DITCH	1	
498+46	0	CL	2.60	MEDIAN DITCH	1	
499+26	0	CL	2.59	MEDIAN DITCH	1	
500+03	0	CL	2.55	MEDIAN DITCH	1	
500+90	0	CL	2.25	MEDIAN DITCH	1	
501+95	0	CL	1.89	MEDIAN DITCH	1	
503+62	0	CL	1.18	MEDIAN DITCH	1	
507+75	1	RT	0.49	MEDIAN DITCH	1	
511+89	0	CL	0.48	MEDIAN DITCH	1	
516+07	0	CL	0.48	MEDIAN DITCH	1	
520+28	0	CL	0.48	MEDIAN DITCH	1	
527+91	0	CL	0.26	MEDIAN DITCH	1	
528+12	0	CL	0.48	MEDIAN DITCH	1	
532+22	0	CL	0.84	MEDIAN DITCH	1	
534+60	0	CL	1.25	MEDIAN DITCH	1	
536+16	0	CL	1.26	MEDIAN DITCH	1	
536+96	0	CL		MEDIAN DITCH	1	
545+00	0	CL		MEDIAN DITCH	1	
547+35	0	CL	1.23	MEDIAN DITCH	1	
549+95	0	CL	0.77	MEDIAN DITCH	1	
551+90	0	CL	1.00	MEDIAN DITCH	1	
552+15	0	CL	0.40	MEDIAN DITCH	1	

TEMPORARY DITCH CHECKS CONT..

X2800300		TEMPORARY DITCH CHECKS (SPECIAL)			EACH	178
STATION	OFFSET	LT/RT	DITCH SLOPE %	DESCRIPTION	QUANTITY	
					EACH	
					EACH	
557+05	0	CL	1.34	MEDIAN DITCH	1	
558+50	0	CL	1.57	MEDIAN DITCH	1	
559+80	0	CL	1.69	MEDIAN DITCH	1	
560+95	0	CL	1.69	MEDIAN DITCH	1	
562+13	0	CL	1.69	MEDIAN DITCH	1	
563+28	0	CL	1.69	MEDIAN DITCH	1	
564+50	0	CL	1.69	MEDIAN DITCH	1	
565+69	0	CL	1.69	MEDIAN DITCH	1	
566+87	0	CL	1.69	MEDIAN DITCH	1	
568+05	0	CL	N/A	MEDIAN DITCH	1	
569+37	0	CL	N/A	MEDIAN DITCH	1	
571+00	0	CL	1.16	MEDIAN DITCH	1	
572+76	0	CL	0.67	MEDIAN DITCH	1	
575+75	0	CL	N/A	MEDIAN DITCH	1	
577+56	0	CL	N/A	MEDIAN DITCH	1	
580+07	0	CL	0.81	MEDIAN DITCH	1	
581+59	0	CL	1.31	MEDIAN DITCH	1	
582+93	0	CL	1.55	MEDIAN DITCH	1	
584+05	0	CL	1.80	MEDIAN DITCH	1	
585+02	0	CL	2.05	MEDIAN DITCH	1	
585+95	0	CL	2.14	MEDIAN DITCH	1	
586+85	0	CL	2.14	MEDIAN DITCH	1	
587+81	0	CL	2.14	MEDIAN DITCH	1	
588+68	0	CL	2.14	MEDIAN DITCH	1	
589+65	0	CL	2.13	MEDIAN DITCH	1	
590+62	0	CL	2.12	MEDIAN DITCH	1	
591+73	0	CL	1.86	MEDIAN DITCH	1	
593+05	0	CL	1.53	MEDIAN DITCH	1	
595+28	0	CL	0.86	MEDIAN DITCH	1	
598+15	0	CL	0.70	MEDIAN DITCH	1	
598+40	0	CL	0.21	MEDIAN DITCH	1	
607+80	0	CL	0.21	MEDIAN DITCH	1	
617+28	0	CL	0.79	MEDIAN DITCH	1	
619+85	0	CL	1.33	MEDIAN DITCH	1	
621+25	0	CL	1.51	MEDIAN DITCH	1	
622+66	0	CL	1.88	MEDIAN DITCH	1	
623+75	0	CL	2.01	MEDIAN DITCH	1	
624+70	0	CL	2.02	MEDIAN DITCH	1	
625+72	0	CL	2.03	MEDIAN DITCH	1	
626+70	0	CL	1.88	MEDIAN DITCH	1	
627+76	0	CL	1.64	MEDIAN DITCH	1	
629+07	0	CL	1.40	MEDIAN DITCH	1	
630+44	0	CL	1.16	MEDIAN DITCH	1	
632+28	0	CL	0.68	MEDIAN DITCH	1	
637+16	0	CL	N/A	MEDIAN DITCH	1	
639+83	0	CL	0.74	MEDIAN DITCH	1	
65+15	85	RT	N/A	RIGHT DITCH	1	
66+50	92	RT	N/A	RIGHT DITCH	1	
67+69	93	RT	N/A	RIGHT DITCH	1	
69+08	93	RT	N/A	RIGHT DITCH	1	
70+47	104	RT	N/A	RIGHT DITCH	1	
70+59	110	RT	N/A	RIGHT DITCH	1	
73+25	120	RT	N/A	RIGHT DITCH	1	
640+44	12	LT	N/A	MEDIAN DITCH	1	

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

USER NAME = MMS	DESIGNED - MMS	REVISED -
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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. 12 OF 16 SHEETS	STA. TO STA.	F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 26
			FINAL SUBMITTAL		CONTRACT NO. 64860		
			[ILLINOIS] FED. AID PROJECT P-92-014-03				

X4400110		TEMPORARY PAVEMENT REMOVAL				SQ YD	1,300
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY
	FT			FT			SQ YD
463+30.00	5.0		466+10.68	5.0	RT	EASTBOUND	156
466+10.68	5.0		470+38.81	5.0	RT	EASTBOUND	238
470+38.81	5.0		473+25.00	5.0	RT	EASTBOUND	159
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							1,300

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	76,896
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	COLOR	DESCRIPTION	QUANTITY
	FT			FT				FOOT
457+69.59	27		466+11.08	27	RT	WHITE	WB TRAVEL LANES	841
485+00.00	51		666+41.00	51	LT	WHITE	WB TRAVEL LANES	18,141
457+69.59	51		640+25.00	51	RT	WHITE	EB TRAVEL LANES	18,255
457+69.59	39		468+25.32	39	RT	YELLOW	EB/WB TRAVEL LANES	1,056
457+69.59	40		468+25.32	40	RT	YELLOW	EB/WB TRAVEL LANES	1,056
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	100
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								76,896

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	31,690
STATION	OFFSET	TO	STATION	OFFSET	LT/RT	COLOR	DESCRIPTION	QUANTITY
	FT			FT				FOOT
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		640+00.00	51	LT	WHITE	WB TRAVEL LANES	6,912
466+11.08	39		468+25.32	39	RT	YELLOW	EB/WB TRAVEL LANES	214
466+11.08	40		468+25.32	40	RT	YELLOW	EB/WB TRAVEL LANES	214
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	313
471+38.61	39		472+38.60	27	RT	YELLOW	GORE	100
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		640+00.00	27	LT	YELLOW	WB TRAVEL LANES	6,908
TOTAL								31,690

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

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. 13 OF 16 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	27
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"				FOOT	3,694
STATION	TO	STATION	LT/RT	RATIO	DESCRIPTION	QUANTITY
						FOOT
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						3,694

Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE		SQ YD	444
STATION	LT/RT	WIDTH	LENGTH	QUANTITY
				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

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

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

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	1,300	
STATION	WIDTH	TO	STATION	WIDTH	LT/RT	DESCRIPTION	QUANTITY
						SQ YD	
463+30.00	5.0		466+10.68	5.0	RT	EASTBOUND	156
466+10.68	5.0		470+38.81	5.0	RT	EASTBOUND	238
470+38.81	5.0		473+25.00	5.0	RT	EASTBOUND	159
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							1,300

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"	
			OVERALL AREA	BIT. AREA	BIT. AREA	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	SQ. YD.	SQ. YD.	
US 20														
66+07 - 77+00	MAINLINE	1,093	2,593	2,077	0	5,227	0	0	0	6.0	233	2,593	2,077	
477+00 - 536+81	MAINLINE	5,981	15,887	12,744	15,177	18,360	3,500	2,835	6,000	22.2	3,982	15,887	12,744	
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	18,437	15,510	15,323	35,859	0	0	0	30.9	4,227	18,437	15,510	
GRAND TOTAL			43,383	36,159	35,931	72,613	3,500	2,835	6,000	69.7	10,007	43,383	36,160	

PIPE UNDERDRAIN SCHEDULE

UNDERDRAINS						60107600	OUTLET PIPES					60108100	60100060	NOTES
BEGIN STATION	OFFSET	LT/RT	END STATION	OFFSET	LT/RT	PIPE UNDERDRAINS 4" (FT)	STATION	BEGIN OFFSET	LT/RT	END OFFSET	LT/RT	PIPE UNDERDRAINS 4" (SPECIAL) FT	CONCRETE HEADWALLS FOR PIPE DRAINS EACH	
466+11	26.5	RT	467+00	25.5	RT	89	467+00	25.5	RT	6.4	RT	19.1	1	
467+00	25.5	RT	472+00	17.5	LT	500	472+00	17.5	LT	38.0	LT	20.5	1	
471+00	14.0	RT	475+00	21.1	LT	400	475+00	21.1	LT	0.5	LT	20.6	1	
472+00	17.5	LT	477+00	51.5	LT	500	477+00	51.5	LT	70.7	LT	19.2	1	
475+00	21.1	LT	477+00	26.5	LT	200	477+00	26.5	LT	9.4	LT	17.1	1	
477+00	51.5	LT	482+00	51.5	LT	500	482+00	51.5	LT	70.7	LT	19.2	1	END 12" SUB-BASE
477+00	26.5	LT	482+00	26.5	LT	500	482+00	26.5	LT	9.4	LT	17.1	1	END 12" SUB-BASE
504+00	51.5	LT	505+00	51.5	LT	100	505+00	51.5	LT	70.7	LT	19.2	1	BEGIN 12" SUB-BASE
504+00	26.5	LT	505+00	26.5	LT	100	505+00	26.5	LT	9.4	LT	17.1	1	BEGIN 12" SUB-BASE
505+00	51.5	LT	510+00	51.5	LT	500	510+00	51.5	LT	70.7	LT	19.2	1	
505+00	26.5	LT	510+00	26.5	LT	500	510+00	26.5	LT	9.4	LT	17.1	1	
510+00	51.5	LT	515+00	51.5	LT	500	515+00	51.5	LT	70.7	LT	19.2	1	
510+00	26.5	LT	515+00	26.5	LT	500	515+00	26.5	LT	9.4	LT	17.1	1	
515+00	51.5	LT	520+00	51.5	LT	500	520+00	51.5	LT	70.7	LT	19.2	1	END 12" SUB-BASE
515+00	26.5	LT	520+00	26.5	LT	500	520+00	26.5	LT	9.4	LT	17.1	1	END 12" SUB-BASE
521+50	51.5	LT	522+90	51.5	LT	140	522+90	51.5	LT	70.7	LT	19.2	1	
521+50	26.5	LT	522+90	26.5	LT	140	522+90	26.5	LT	9.4	LT	17.1	1	
522+90	51.5	LT	527+89	51.5	LT	499	527+89	51.5	LT	70.7	LT	19.2	1	ENDS AT LOW POINT
522+90	26.5	LT	527+89	26.5	LT	499	527+89	26.5	LT	9.4	LT	17.1	1	ENDS AT LOW POINT
527+90	51.5	LT	531+90	51.5	LT	400	527+90	51.5	LT	70.7	LT	19.2	0	BEGINS AT LOW POINT
527+90	26.5	LT	531+90	26.5	LT	400	527+90	26.5	LT	9.4	LT	17.1	0	BEGINS AT LOW POINT
531+90	51.5	LT	536+45	51.5	LT	455	531+90	51.5	LT	70.7	LT	19.2	1	ENDS AT BRIDGE
531+90	26.5	LT	536+58	26.5	LT	468	531+90	26.5	LT	9.4	LT	17.1	1	ENDS AT BRIDGE
544+62	51.5	LT	549+50	51.5	LT	488	549+50	51.5	LT	64.8	LT	13.3	1	BEGINS AT BRIDGE
544+75	26.5	LT	549+50	26.5	LT	475	549+50	26.5	LT	13.4	LT	13.1	1	BEGINS AT BRIDGE
549+50	51.5	LT	551+77	51.5	LT	227	551+77	51.5	LT	64.8	LT	13.3	1	ENDS AT LOW POINT
549+50	26.5	LT	551+77	26.5	LT	228	551+77	26.5	LT	13.4	LT	13.1	1	ENDS AT LOW POINT
551+78	51.5	LT	556+75	51.5	LT	497	551+78	51.5	LT	64.8	LT	13.3	0	BEGINS AT LOW POINT
551+78	26.5	LT	556+75	26.5	LT	497	551+78	26.5	LT	13.4	LT	13.1	0	BEGINS AT LOW POINT
556+75	51.5	LT	561+75	51.5	LT	500	556+75	51.5	LT	64.8	LT	13.3	1	
556+75	26.5	LT	561+75	26.5	LT	500	556+75	26.5	LT	13.4	LT	13.1	1	
561+75	51.5	LT	566+75	51.5	LT	500	561+75	51.5	LT	64.8	LT	13.3	1	
561+75	26.5	LT	566+75	26.5	LT	500	561+75	26.5	LT	13.4	LT	13.1	1	
566+75	51.5	LT	568+83	51.5	LT	208	566+75	51.5	LT	64.8	LT	13.3	1	ENDS AT BRIDGE
566+75	26.5	LT	568+87	26.5	LT	212	566+75	26.5	LT	13.4	LT	13.1	1	ENDS AT BRIDGE
570+88	51.5	LT	575+75	51.5	LT	487	570+88	51.5	LT	64.8	LT	13.3	1	BEGINS AT BRIDGE
570+92	26.5	LT	575+75	26.5	LT	483	570+92	26.5	LT	13.4	LT	13.1	1	BEGINS AT BRIDGE
575+75	51.5	LT	576+19	51.5	LT	44	575+75	51.5	LT	70.7	LT	19.2	1	ENDS AT HIGH POINT
575+75	26.5	LT	576+19	26.5	LT	44	575+75	26.5	LT	9.4	LT	17.1	1	ENDS AT HIGH POINT
576+20	51.5	LT	580+58	51.5	LT	438	580+58	51.5	LT	70.7	LT	19.2	1	BEGINS AT HIGH POINT
576+20	26.5	LT	581+00	26.5	LT	480	581+00	26.5	LT	9.4	LT	17.1	1	BEGINS AT HIGH POINT
581+00	26.5	LT	586+00	26.5	LT	500	586+00	26.5	LT	8.2	LT	18.3	1	SUPERELEVATED SECTION
586+00	26.5	LT	591+00	26.5	LT	500	591+00	26.5	LT	7.4	LT	19.1	1	SUPERELEVATED SECTION
591+00	26.5	LT	596+00	26.5	LT	500	596+00	26.5	LT	7.4	LT	19.1	1	SUPERELEVATED SECTION
596+00	26.5	LT	597+09	26.5	LT	109	597+09	26.5	LT	7.4	LT	19.1	1	SUPERELEVATED/ENDS AT LOW POINT

PIPE UNDERDRAIN SCHEDULE CONT. ON NEXT SHEET

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

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

SCALE: NONE		SHEET NO. 15 OF 16 SHEETS		STA.	TO STA.
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F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 29
FINAL SUBMITTAL		CONTRACT NO. 64860		ILLINOIS FED. AID PROJECT P-92-014-03

PIPE UNDERDRAIN SCHEDULE

UNDERDRAINS						60107600	OUTLET PIPES					60108100	60100060	NOTES
BEGIN STATION	OFFSET	LT/RT	END STATION	OFFSET	LT/RT	PIPE UNDERDRAINS 4"	STATION	BEGIN OFFSET	LT/RT	END OFFSET	LT/RT	PIPE UNDERDRAINS 4" (SPECIAL)	CONCRETE HEADWALLS FOR PIPE DRAINS	
						(FT)						FT	EACH	
598+34	51.5	LT	602+00	51.5	LT	366	598+34	51.5	LT	70.7	LT	19.2	1	
597+10	26.5	LT	602+00	26.5	LT	490	597+10	26.5	LT	8.8	LT	17.7	0	BEGINS AT LOW POINT
602+00	51.5	LT	607+00	51.5	LT	500	602+00	51.5	LT	70.7	LT	19.2	1	
602+00	26.5	LT	607+00	26.5	LT	500	602+00	26.5	LT	9.4	LT	17.1	1	
607+00	51.5	LT	612+00	51.5	LT	500	607+00	51.5	LT	70.7	LT	19.2	1	
607+00	26.5	LT	612+00	26.5	LT	500	607+00	26.5	LT	9.4	LT	17.1	1	
612+00	51.5	LT	617+00	51.5	LT	500	612+00	51.5	LT	70.7	LT	19.2	1	
612+00	26.5	LT	617+00	26.5	LT	500	612+00	26.5	LT	9.4	LT	17.1	1	
617+00	51.5	LT	622+00	51.5	LT	500	617+00	51.5	LT	70.7	LT	19.2	1	
617+00	26.5	LT	622+00	26.5	LT	500	617+00	26.5	LT	9.4	LT	17.1	1	
622+00	51.5	LT	627+00	51.5	LT	500	622+00	51.5	LT	70.7	LT	19.2	1	
622+00	26.5	LT	627+00	26.5	LT	500	622+00	26.5	LT	9.4	LT	17.1	1	
627+00	51.5	LT	632+00	51.5	LT	500	627+00	51.5	LT	70.7	LT	19.2	1	
627+00	26.5	LT	632+00	26.5	LT	500	627+00	26.5	LT	9.4	LT	17.1	1	
632+00	51.5	LT	635+38	51.5	LT	338	632+00	51.5	LT	70.7	LT	19.2	1	ENDS AT HIGH POINT
632+00	26.5	LT	635+38	26.5	LT	338	632+00	26.5	LT	9.4	LT	17.1	1	ENDS AT HIGH POINT
635+39	51.5	LT	639+91	51.5	LT	452	639+91	51.5	LT	70.7	LT	19.2	1	BEGINS AT HIGH POINT
635+39	26.5	LT	639+91	26.5	LT	452	639+91	26.5	LT	9.4	LT	17.1	1	BEGINS AT HIGH POINT
TOTAL						23,053						950	51	

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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-8160

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: NONE		SHEET NO. 16 OF 16 SHEETS		STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	30
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

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	233	175	571	0	-396	213	160	213	-53	479
471+00.00	TO	473+25.00		58	45	84	0	-39	51	38	51	-13	115
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	1,324	993	1,874	0	-881	1,236	930	346	584	
71+00.00	TO	77+00.00		3,135	2,351	4,944	0	-2,593	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		2,785	2,089	560	0	1,529	0	0	603	-603	
516+00.00	TO	531+00.00		1,666	1,249	396	0	853	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		1,152	864	533	0	331	0	0	505	-505	
604+00.00	TO	619+00.00		1,042	781	685	0	96	0	0	520	-520	3643
619+00.00	TO	634+00.00		3,149	2,362	1,712	2,036	2,685	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	396	0	0	0	396	0	0		
471+00.00	TO	473+25.00	39		0	0	0	39	0	0			
637+30.00	TO	644+00.00	244		0	0	0	244	0	0			
TOTAL:				25,920	18,935	13,435	11,260	17,435	7,350	5,515	6,950	-1,440	12,930

- NOTE:
 1. 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.
 2. EXISTING TOP SOIL REMOVAL SHALL BE USED FOR 12" TOPSOIL PLACEMENT FOR ROCK CUT DITCHES AND BENCHES.

T:\UGB\44\CV\1\PAV_Plans\20PAVweesched.dgn

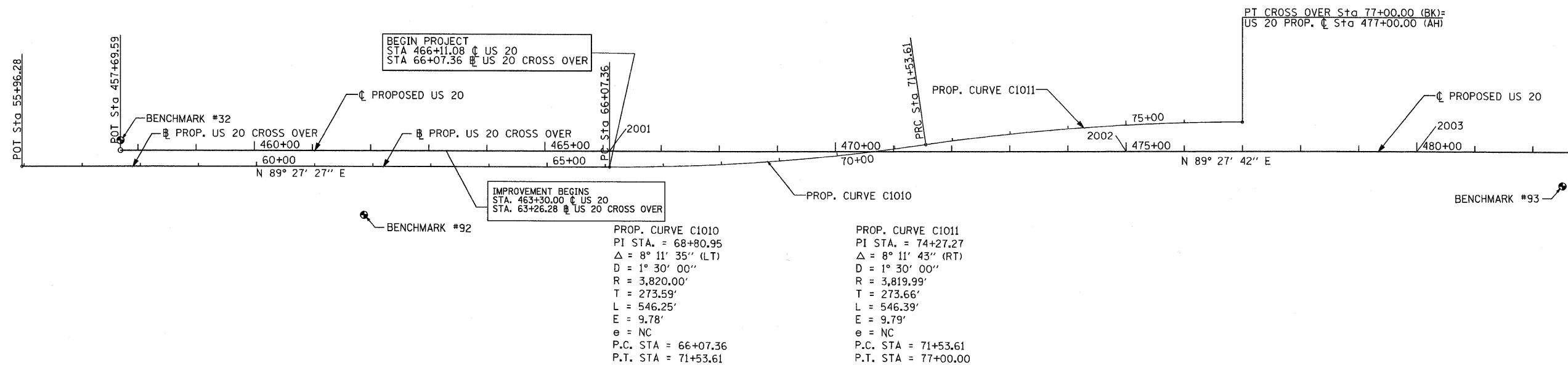
**PARSONS
BRINCKERHOFF**
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-8150

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



MATCH LINE STA. 483+00 SEE ALIGN-2

NOTE:
FOR HORIZONTAL AND VERTICAL CONTROL POINTS
SEE SHEETS 36 TO 37

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

USER NAME = MMS	DESIGNED - MMS	REVISED -
DRAWN - MMS	CHECKED - RMH	REVISED -
PLOT SCALE = 1/8" = 100' / IN.	DATE - 12/02/2011	REVISED -
PLOT DATE = 9/28/11		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 1 OF 4 SHEETS STA. 457+69.59 TO STA. 483+00.00

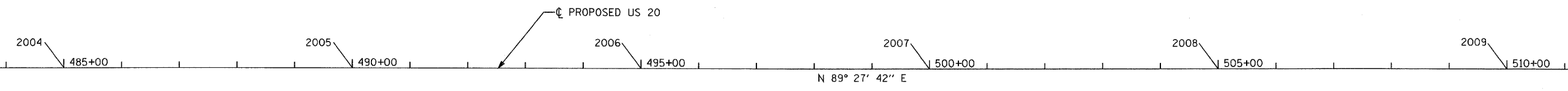
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	32
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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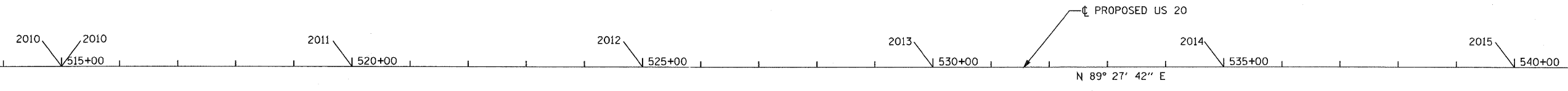
MATCH LINE STA. 483+00 SEE ALIGN-1

MATCH LINE STA. 512+00



MATCH LINE STA. 512+00

MATCH LINE STA. 541+00 SEE SHEET ALIGN-3



NOTE:
FOR HORIZONTAL AND VERTICAL CONTROL POINTS
SEE SHEETS 36 TO 37

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Chicago, IL 60606 (312) 782-8150

USER NAME = MMS	DESIGNED - MMS	REVISED -
DRAWN - MMS	CHECKED - RMH	REVISED -
PLOT SCALE = 100.00' / IN.	DATE - 12/02/2011	REVISED -
PLOT DATE = 9/28/11		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 2 OF 4 SHEETS STA. 483+00.00 TO STA. 541+00.00

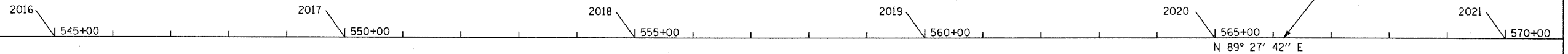
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	33
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



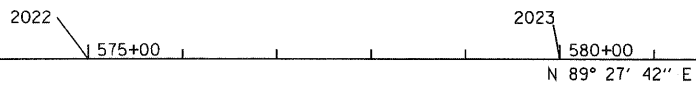
MATCH LINE STA. 541+00 SEE SHEET ALIGN-2

MATCH LINE STA. 571+00

MATCH LINE STA. 571+00



BENCHMARK #61



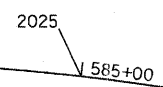
BENCHMARK #62

P.C. Sta. 581+91.12

PROPOSED US 20

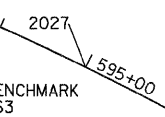
PROP. CURVE C201

P.I. Sta. 589+64.22



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

BENCHMARK #63



P.T. Sta. 597+00.91

MATCH LINE STA. 598+00 SEE SHEET ALIGN-4

NOTE:
 FOR HORIZONTAL AND VERTICAL CONTROL POINTS
 SEE SHEETS 36 TO 37

TA:\6814A\Drawings\PAV_Planes\20PAVAlign3.dgn

PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-8100

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

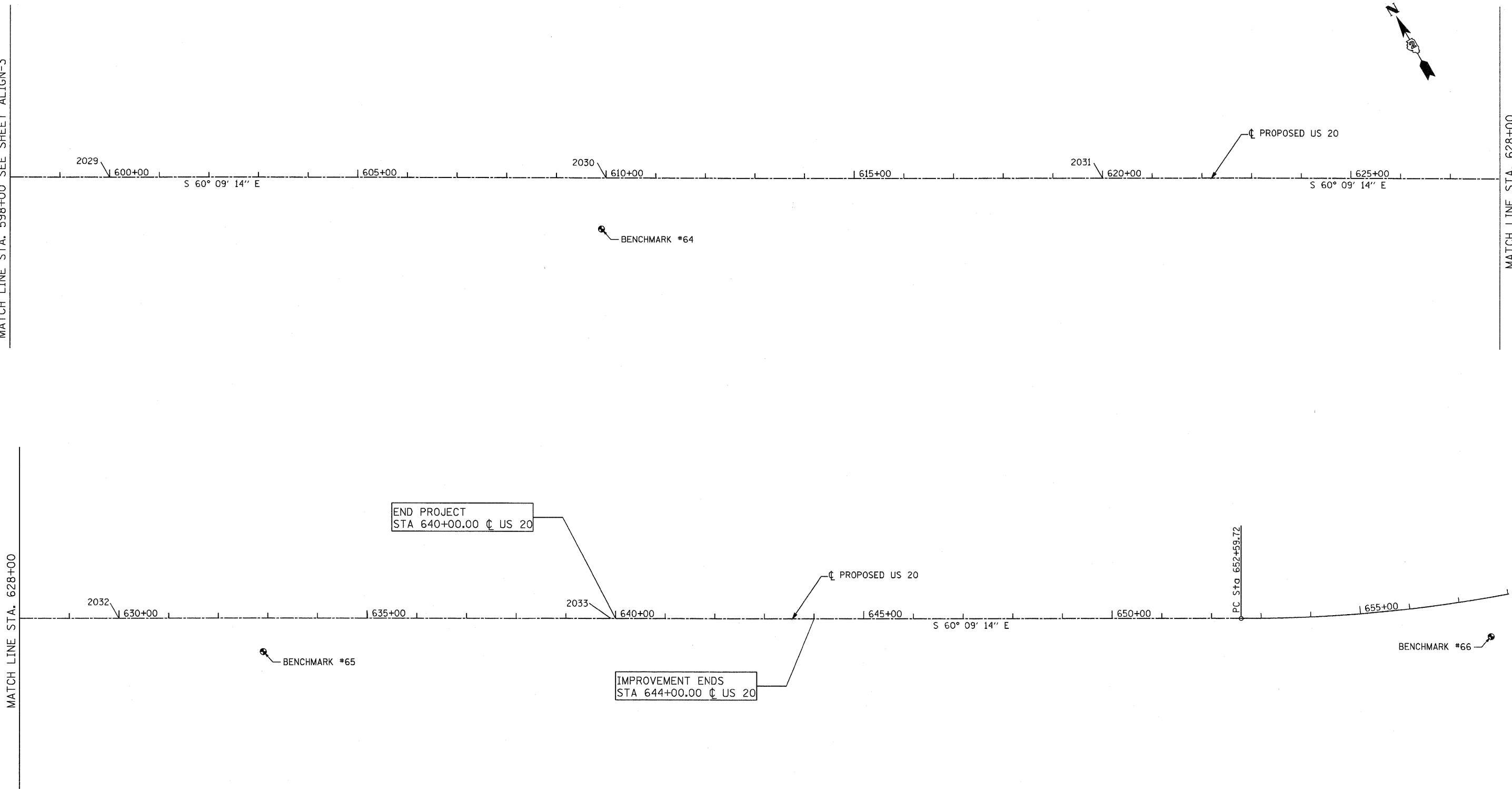
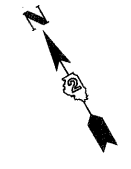
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 3 OF 4 SHEETS STA. 541+00.00 TO STA. 598+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	34
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

MATCH LINE STA. 598+00 SEE SHEET ALIGN-3

MATCH LINE STA. 628+00



NOTE:
FOR HORIZONTAL AND VERTICAL CONTROL POINTS
SEE SHEETS 36 TO 37

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

USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 1/80.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 4 OF 4 SHEETS STA. 598+00.00 TO STA. 658+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	35
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				

REFERENCE TIES US 20:

REFERENCE TIES US 20				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
1518	P_US20	466+88.82	57.1601 RT	PK NAIL
1519	P_US20	466+38.13	57.1239 RT	PK NAIL
1520	P_US20	465+87.35	57.2368 RT	PK NAIL
1521	P_US20	465+36.08	57.075 RT	PK NAIL
1523	P_US20	475+77.89	57.1434 RT	PK NAIL
1524	P_US20	475+26.98	57.125 RT	PK NAIL
1525	P_US20	474+75.32	57.1696 RT	PK NAIL
1526	P_US20	474+25.15	57.1483 RT	PK NAIL
1528	P_US20	485+77.99	57.0997 RT	PK NAIL
1529	P_US20	485+26.28	57.0839 RT	PK NAIL
1530	P_US20	484+75.63	57.1681 RT	PK NAIL
1531	P_US20	484+26.04	57.1021 RT	PK NAIL
1535	P_US20	495+75.78	57.1245 RT	PK NAIL
1536	P_US20	495+24.62	57.0838 RT	PK NAIL
1537	P_US20	494+74.55	57.0733 RT	PK NAIL
1538	P_US20	494+26.53	57.0621 RT	PK NAIL
1540	P_US20	505+76.07	57.2126 RT	PK NAIL
1541	P_US20	505+25.46	57.0671 RT	PK NAIL
1542	P_US20	504+76.16	57.064 RT	PK NAIL
1543	P_US20	504+27.67	57.0884 RT	PK NAIL
1545	P_US20	515+73.68	57.1956 RT	PK NAIL
1546	P_US20	515+24.75	57.1359 RT	PK NAIL
1547	P_US20	514+75.15	57.0699 RT	PK NAIL
1548	P_US20	514+26.67	57.1144 RT	PK NAIL
1551	P_US20	525+70.25	57.3989 RT	PK NAIL
1552	P_US20	525+23.26	57.4074 RT	PK NAIL
1553	P_US20	524+74.07	57.3252 RT	PK NAIL
1554	P_US20	524+27.54	57.218 RT	PK NAIL
1557	P_US20	550+71.48	57.1891 RT	PK NAIL
1558	P_US20	550+24.21	57.135 RT	PK NAIL
1559	P_US20	549+75.34	57.1458 RT	PK NAIL
1560	P_US20	549+28.04	57.1914 RT	PK NAIL
1562	P_US20	560+68.22	57.1139 RT	PK NAIL
1563	P_US20	560+22.53	57.0646 RT	PK NAIL
1564	P_US20	559+75.51	57.1128 RT	PK NAIL
1565	P_US20	559+28.01	57.0266 RT	PK NAIL
1568	P_US20	535+72.96	57.5898 RT	PK NAIL
1569	P_US20	535+24.21	57.6218 RT	PK NAIL
1570	P_US20	534+75.62	57.5653 RT	PK NAIL

REFERENCE TIES US 20 CONT'D				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
1571	P_US20	534+26.53	57.624 RT	PK NAIL
1574	P_US20	582+63.37	64.2772 RT	PK NAIL
1575	P_US20	582+13.81	64.1598 RT	PK NAIL
1576	P_US20	581+65.93	63.9732 RT	PK NAIL
1577	P_US20	581+16.10	63.955 RT	PK NAIL
1579	P_US20	585+72.67	64.0593 RT	PK NAIL
1580	P_US20	585+22.21	64.0769 RT	PK NAIL
1581	P_US20	584+72.23	64.0829 RT	PK NAIL
1582	P_US20	584+22.06	64.0979 RT	PK NAIL
1584	P_US20	590+68.97	57.1848 RT	PK NAIL
1585	P_US20	590+19.23	59.0992 RT	PK NAIL
1586	P_US20	589+69.67	59.9629 RT	PK NAIL
1587	P_US20	589+21.93	60.633 RT	PK NAIL
1589	P_US20	597+74.34	56.891 RT	PK NAIL
1590	P_US20	597+25.53	56.9164 RT	PK NAIL
1591	P_US20	596+75.59	57.185 RT	PK NAIL
1592	P_US20	596+26.12	57.1675 RT	PK NAIL
1594	P_US20	600+63.90	56.8828 RT	PK NAIL
1595	P_US20	600+15.44	57.09 RT	PK NAIL
1596	P_US20	599+63.40	56.924 RT	PK NAIL
1597	P_US20	599+12.42	56.9757 RT	PK NAIL
1599	P_US20	610+68.26	56.9648 RT	PK NAIL
1600	P_US20	610+22.67	56.9126 RT	PK NAIL
1601	P_US20	609+75.11	56.9917 RT	PK NAIL
1602	P_US20	609+28.19	56.8824 RT	PK NAIL
1605	P_US20	620+69.62	57.0211 RT	PK NAIL
1606	P_US20	620+23.29	56.9715 RT	PK NAIL
1607	P_US20	619+76.41	57.0431 RT	PK NAIL
1608	P_US20	619+30.38	56.9 RT	PK NAIL
1610	P_US20	630+66.75	56.993 RT	PK NAIL
1611	P_US20	630+22.52	57.0736 RT	PK NAIL
1613	P_US20	629+30.70	56.9891 RT	PK NAIL
1615	P_US20	640+57.06	57.0514 RT	PK NAIL
1616	P_US20	640+12.59	57.0742 RT	PK NAIL
1617	P_US20	639+65.79	57.0291 RT	PK NAIL
1618	P_US20	639+20.66	57.0766 RT	PK NAIL

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PARSONS BRINCKERHOFF
 281 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

ALIGNMENT, TIES AND BENCHMARKS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	36
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

BENCH MARKS:

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
92	2063637.78	2421105.14	849.1100	P_US20	461+88.60	127.49' RT	IRON ROD IN CAP
67	2060186.11	2441311.27	812.6500	P_US20	672+73.21	142.49' RT	IRON ROD IN CAP
65	2061638.39	2437629.75	796.1700	P_US20	632+99.72	84.58' RT	IRON ROD IN CAP
64	2062752.54	2435617.51	770.9700	P_US20	609+99.89	119.64' RT	IRON ROD IN CAP
63	2063573.98	2434224.25	768.6700	P_US20	593+72.27	81.23' RT	IRON ROD IN CAP
62	2063790.44	2432334.4	797.2900	P_US20	574+18.79	80.35' RT	IRON ROD IN CAP
61	2063761.44	2429432.89	770.7700	P_US20	545+17.14	82.09' RT	IRON ROD IN CAP
32	2063761.33	2420684.93	844.4300	P_US20	457+69.59	0' LT/RT	BRASS DISC IN CONC

Note: All coordinates and elevations shown above were obtained in the field by NAKAWATASE, WYNS and ASSOC., except for Pt. 62. Coordinates and elevation for Pt. 62 were given to NWA1 by IDOT.

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




STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

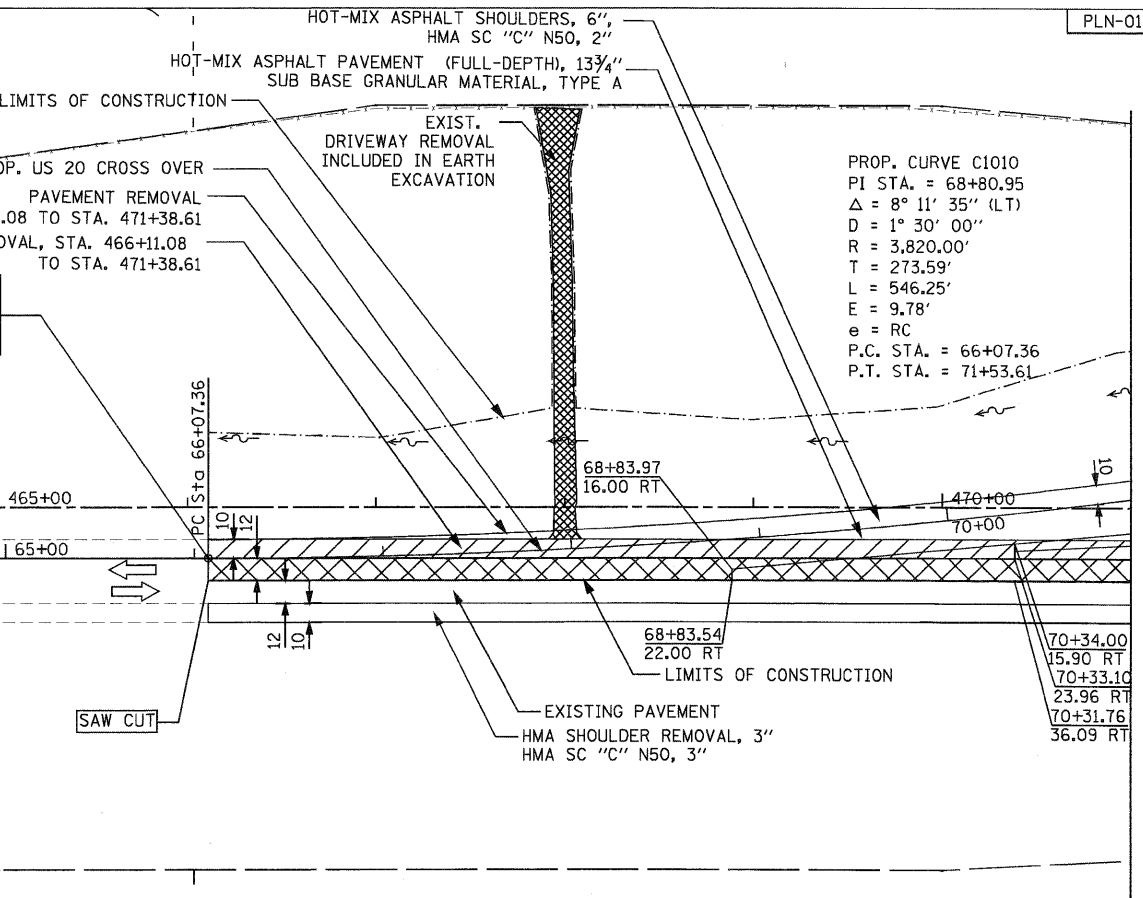
ALIGNMENT, TIES AND BENCHMARKS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	37
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				

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

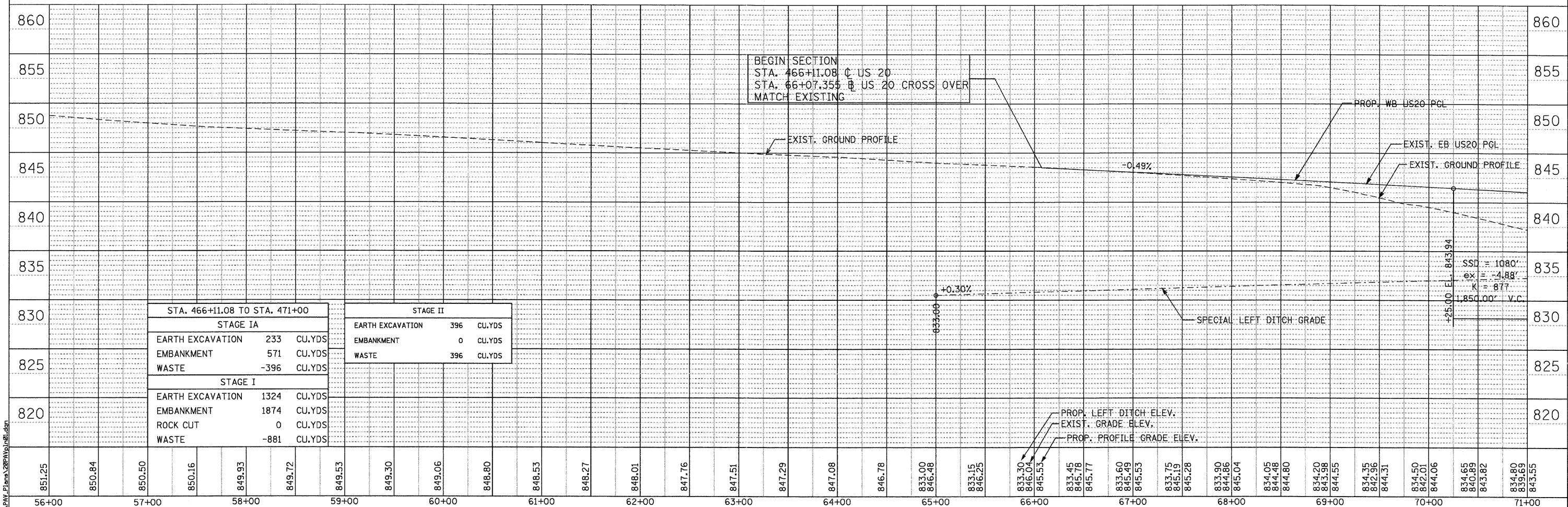
LEGEND

-  PAVEMENT REMOVAL
-  SHOULDER REMOVAL
-  DRIVEWAY REMOVAL



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CRKD	
	NO.	



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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

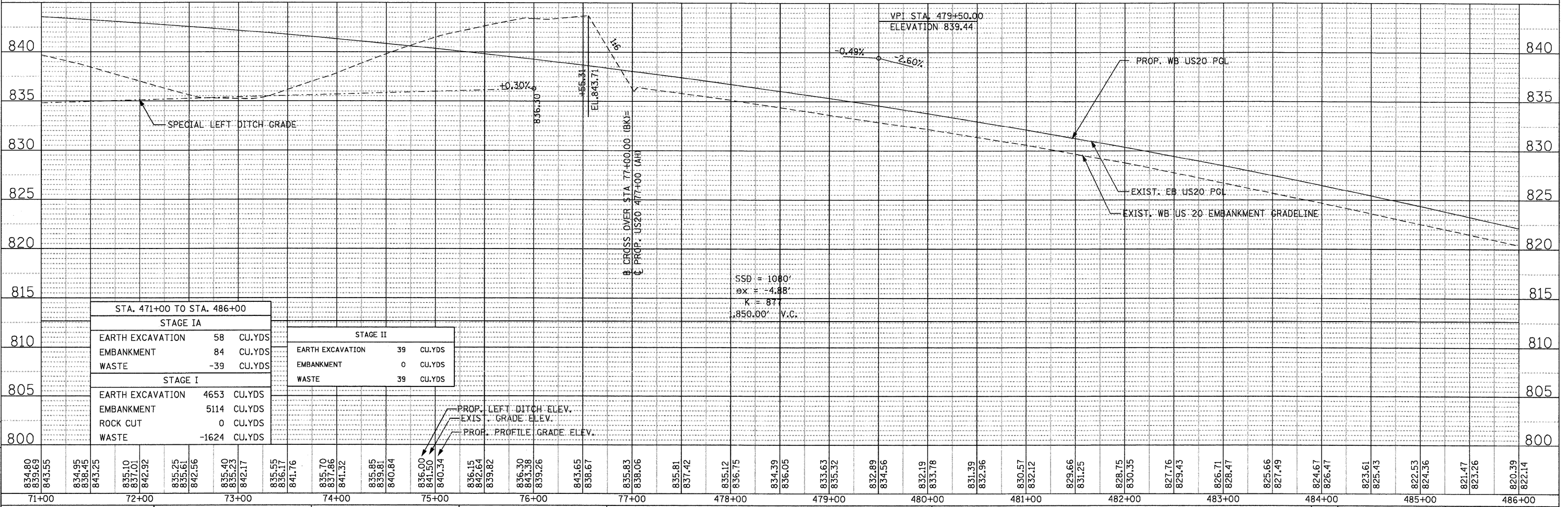
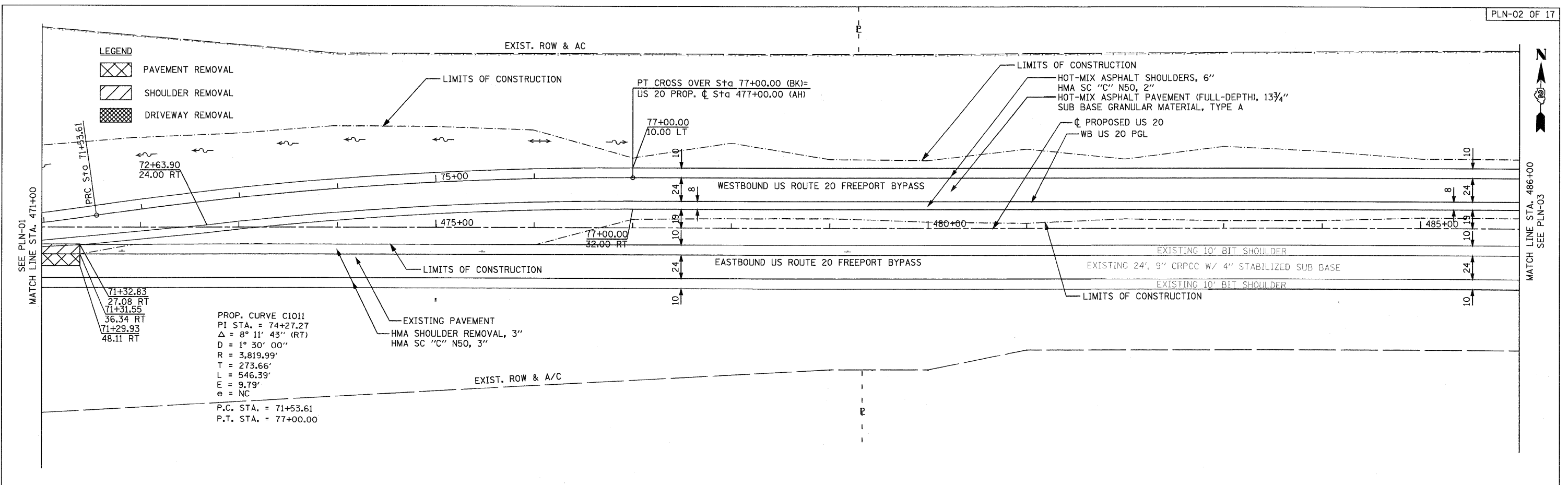
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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				

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



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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

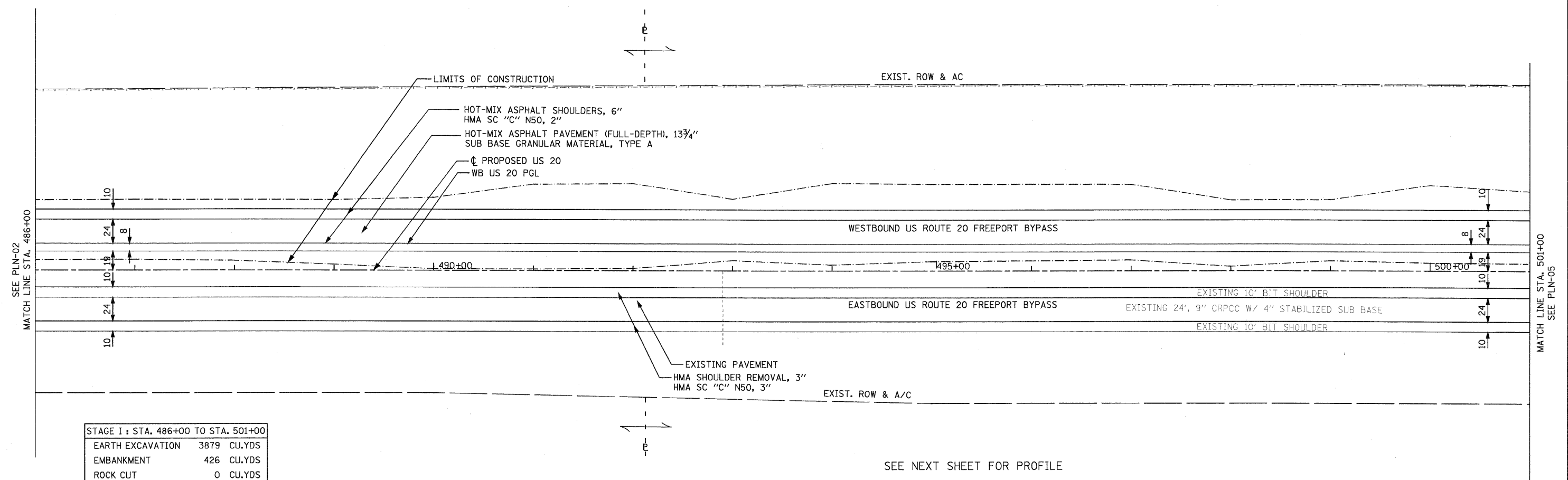
PLAN AND PROFILE
WESTBOUND U.S. ROUTE 20

SCALE: 1"=50'

SHEET NO. 2 OF 17 SHEETS

STA. 471+00 TO STA. 486+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	39
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



STAGE I : STA. 486+00 TO STA. 501+00	
EARTH EXCAVATION	3879 CU.YDS
EMBANKMENT	426 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	2483 CU.YDS

SEE NEXT SHEET FOR PROFILE

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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 -

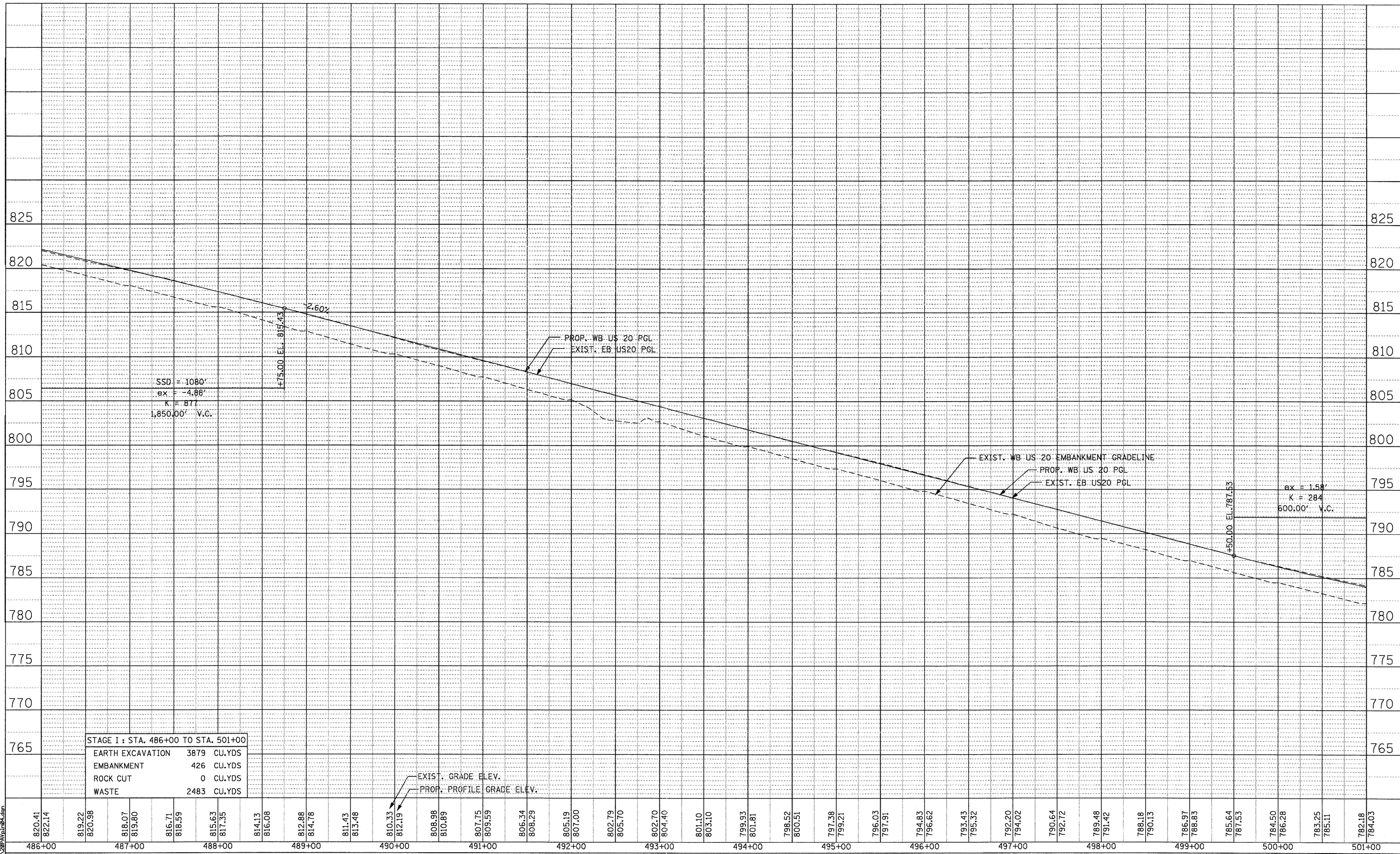
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WESTBOUND U.S. ROUTE 20		301	177-2-1	STEPHENSON	211	40
SCALE: 1"=50'		SHEET NO. 3 OF 17 SHEETS		STA. 486+00 TO STA. 501+00		

FINAL SUBMITTAL		CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03			

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



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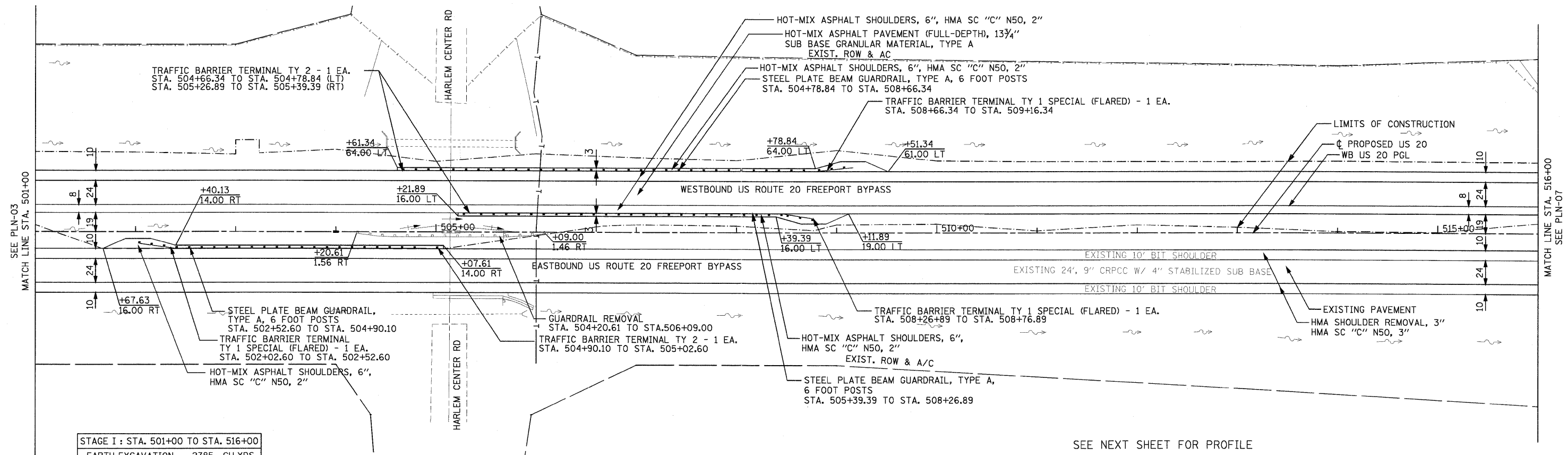
PARSONS BRINCKERHOFF
 380 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-8150

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. 4 OF 17 SHEETS
STA. 486+00 TO STA. 501+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	41
FINAL SUBMITTAL		CONTRACT NO. 64860		
[ILLINOIS] FED. AID PROJECT P-92-014-03				



SEE NEXT SHEET FOR PROFILE

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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 -

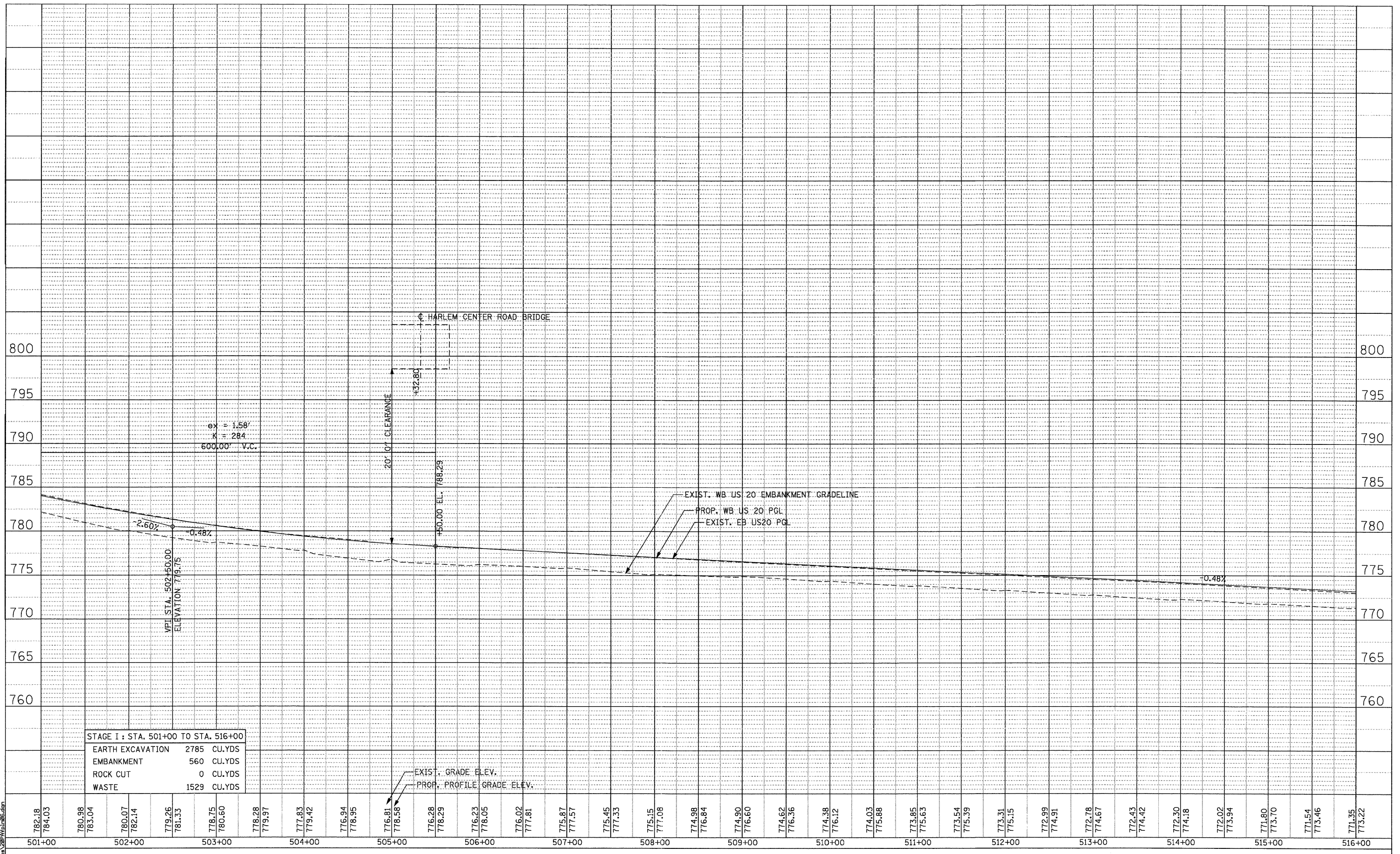
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN WESTBOUND U.S. ROUTE 20	
SCALE: 1"=50'	SHEET NO. 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	REVISIONS	BY	DATE
NOTE BOOK NO.	ALIGNED		
	PLOTTED		
	CHECKED		
	DATE FILE NAME		

PROFILE	REVISIONS	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS CHKD		



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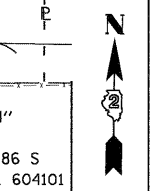
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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 58.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

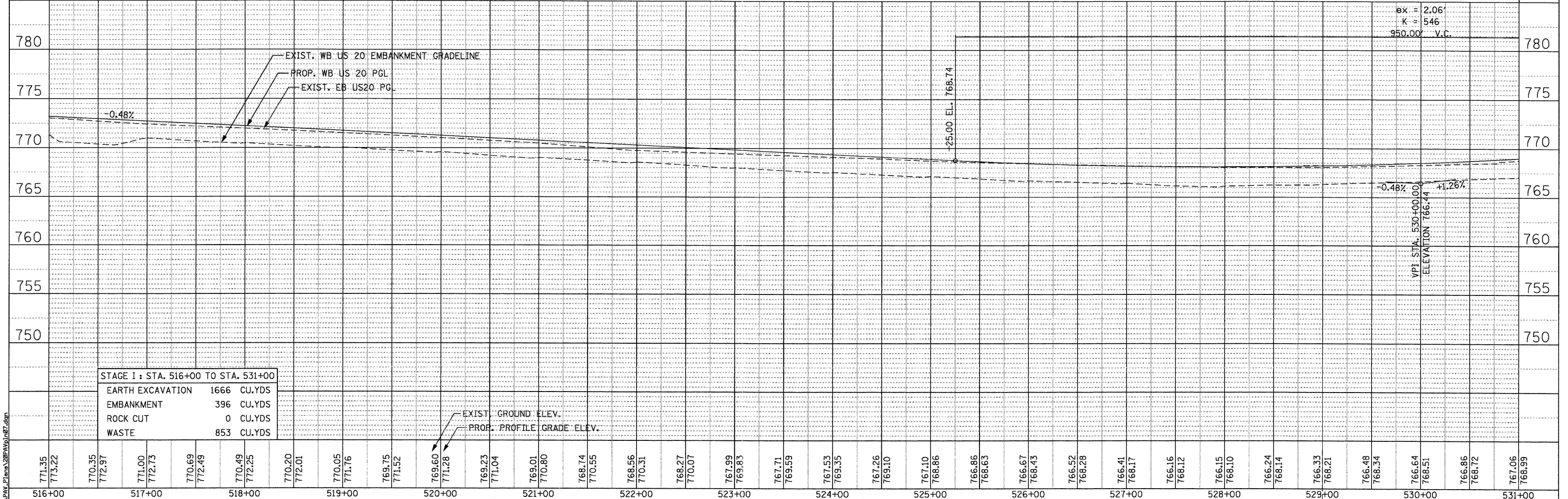
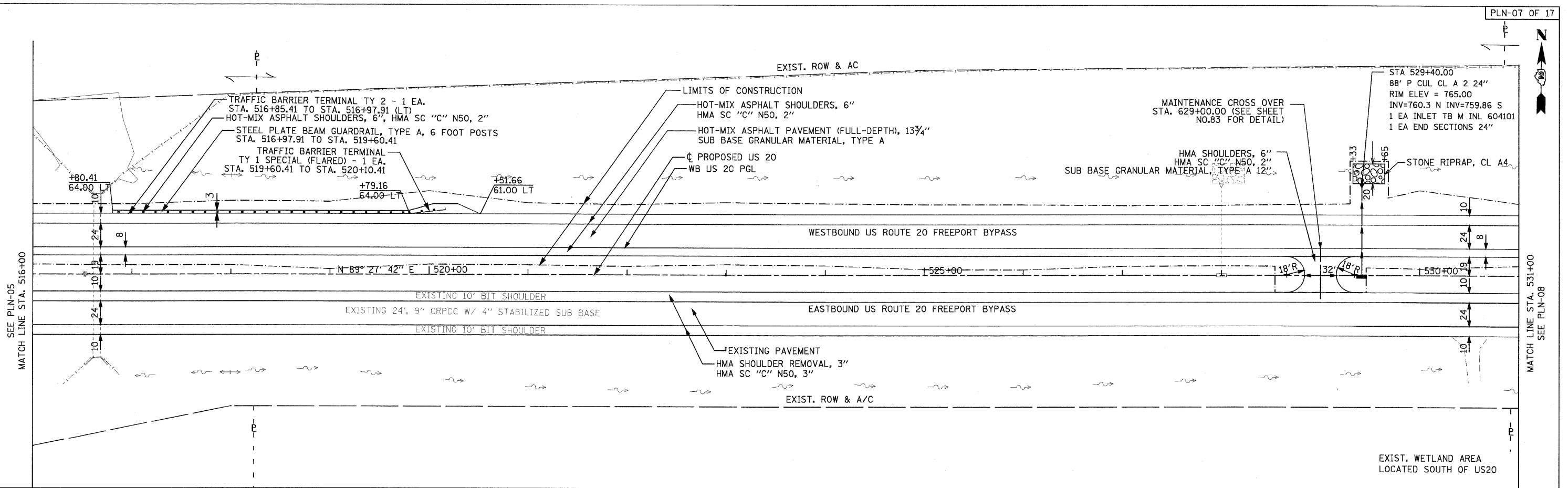
SCALE: 1"=50'	SHEET NO. 6 OF 17 SHEETS	STA. 501+00 TO STA. 516+00
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F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 43
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	ALIGNMENT CHECKED	
	PAID FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	



STAGE 1 : STA. 516+00 TO STA. 531+00	
EARTH EXCAVATION	1666 CU.YDS
EMBANKMENT	396 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	853 CU.YDS

771.35	773.22	770.35	772.97	771.00	772.73	770.69	772.49	770.49	772.25	770.20	772.01	770.05	771.76	769.75	771.52	769.60	771.28	769.23	771.04	769.01	770.80	768.74	770.55	768.56	770.31	768.27	770.07	767.99	769.83	767.71	769.59	767.53	769.35	767.26	769.10	767.10	768.86	766.86	768.63	766.67	768.43	766.52	768.28	766.41	768.17	766.16	768.12	766.15	768.10	766.24	768.14	766.33	768.21	766.48	768.34	766.64	768.51	766.86	768.72	767.06	768.99
516+00	517+00	518+00	519+00	520+00	521+00	522+00	523+00	524+00	525+00	526+00	527+00	528+00	529+00	530+00	531+00																																														

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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 -

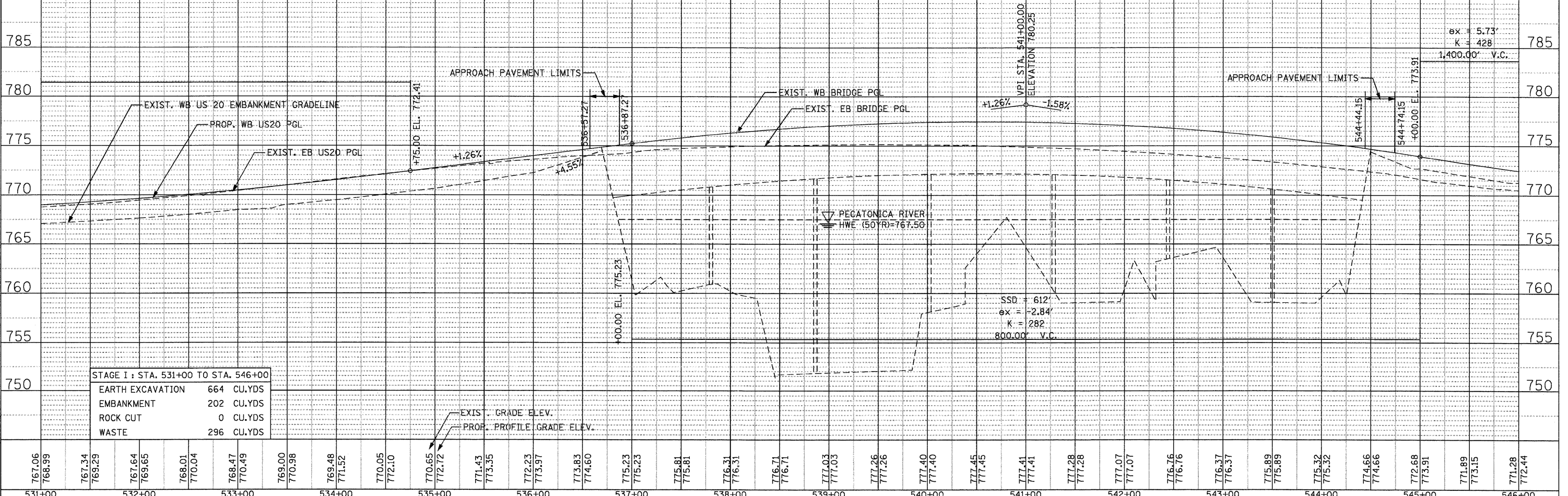
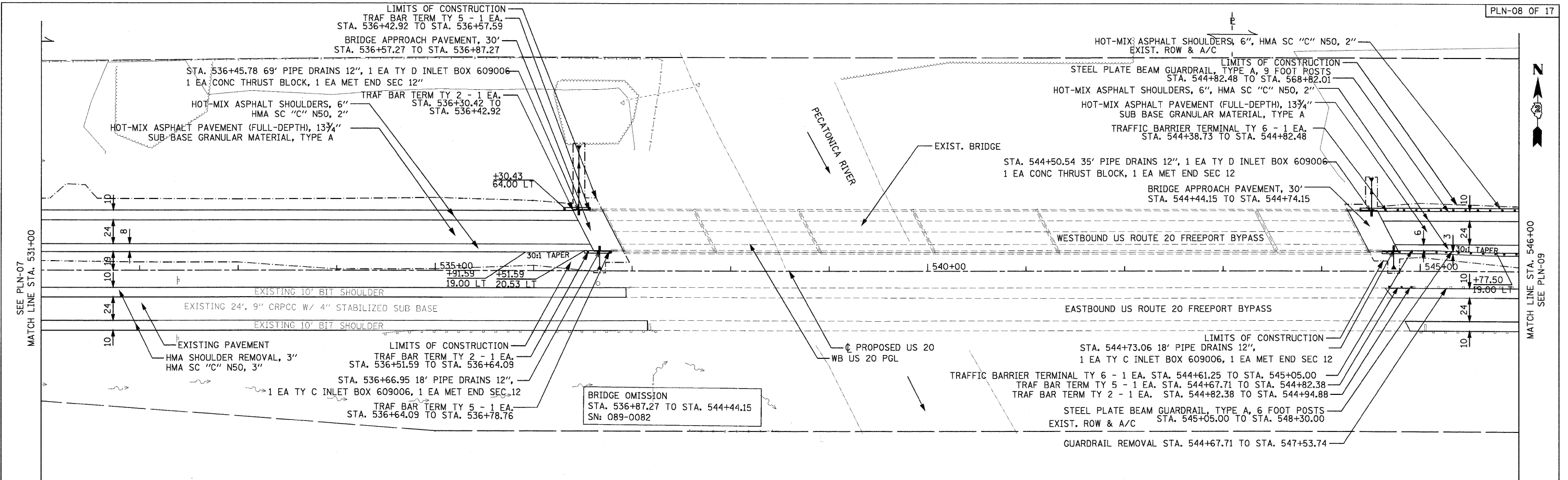
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

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



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	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																																																

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USER NAME = MMS
 DESIGNED - MMS
 DRAWN - MMS
 CHECKED - RMH
 DATE - 12/02/2011

REVISIONS
 NO. DATE

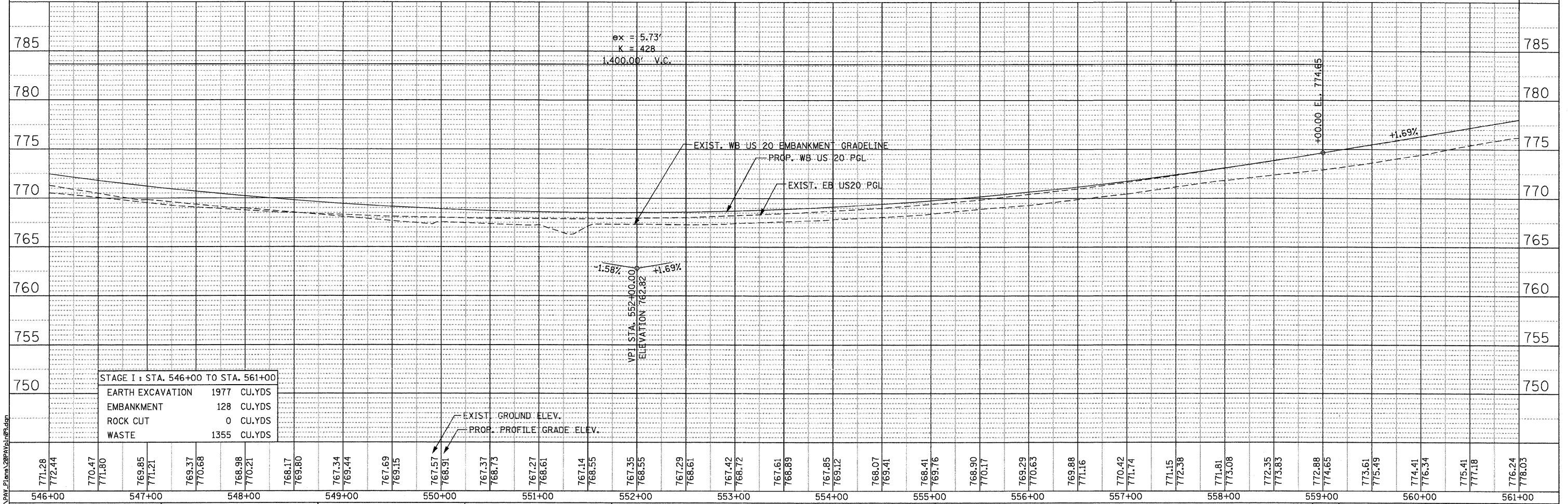
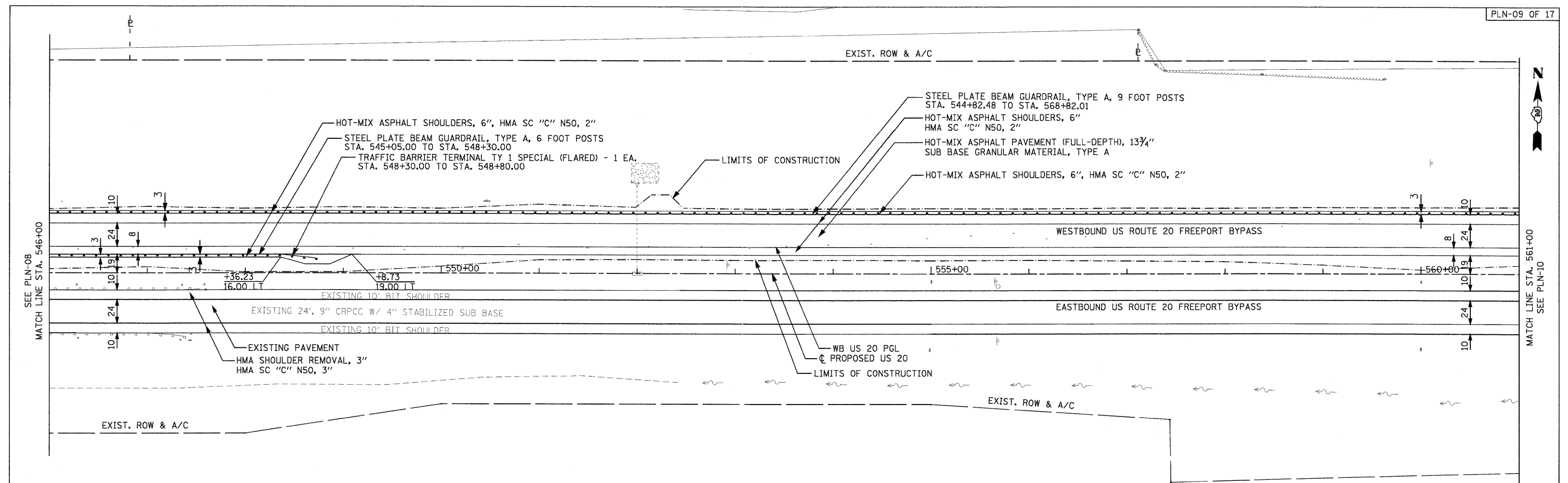
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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				

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

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



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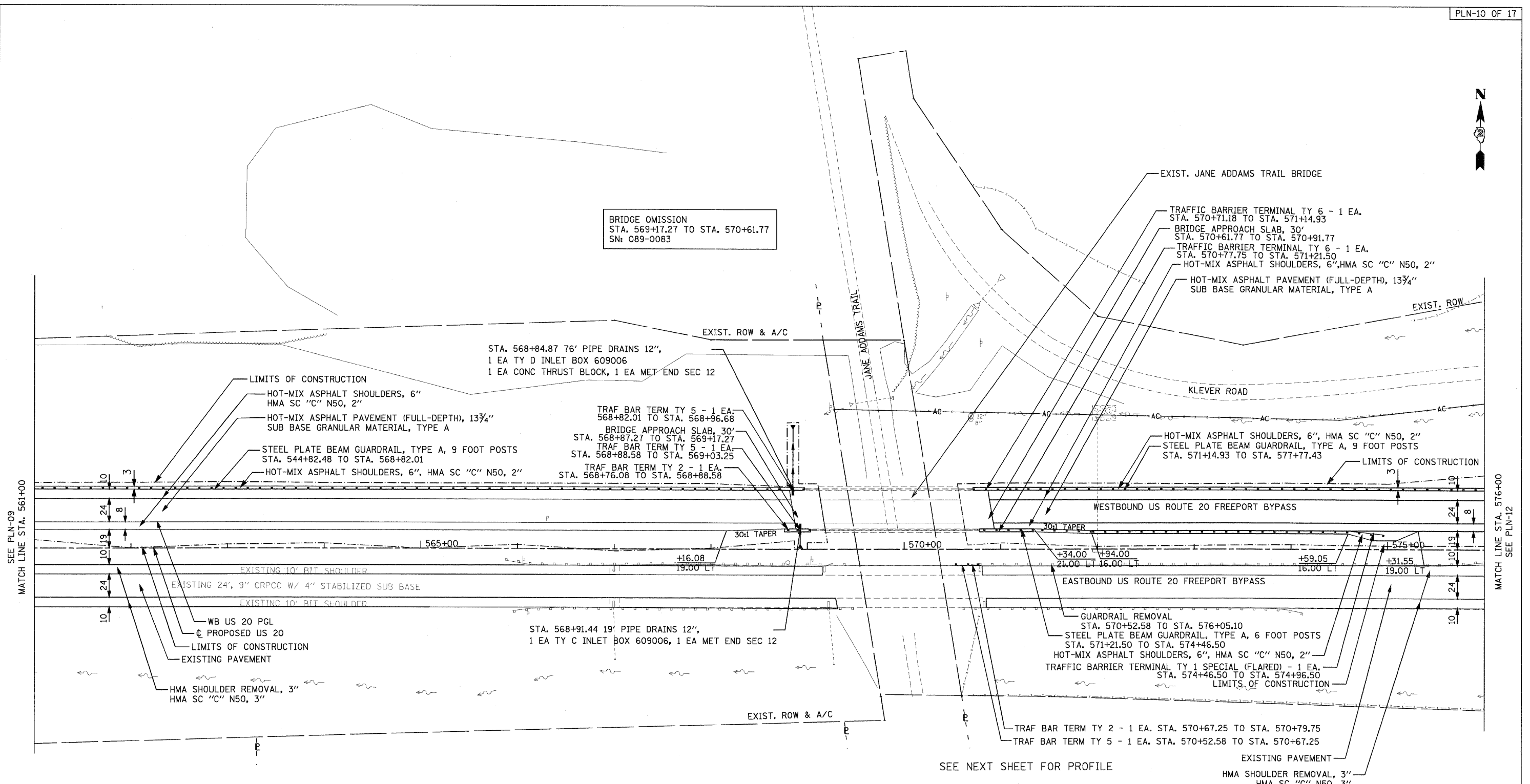
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PLLOT SCALE = 5/8" = 1' IN.	DRAWN - MMS	REVISIONS -
PLLOT DATE = 9/28/11	CHECKED - RMH	REVISIONS -
	DATE - 12/02/2011	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE
 WESTBOUND U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 9 OF 17 SHEETS STA. 546+00 TO STA. 561+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	46
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



BRIDGE OMISSION
 STA. 569+17.27 TO STA. 570+61.77
 SN: 089-0083

STA. 568+84.87 76' PIPE DRAINS 12",
 1 EA TY D INLET BOX 609006
 1 EA CONC THRUST BLOCK, 1 EA MET END SEC 12

EXIST. JANE ADDAMS TRAIL BRIDGE
 TRAFFIC BARRIER TERMINAL TY 6 - 1 EA.
 STA. 570+71.18 TO STA. 571+14.93
 BRIDGE APPROACH SLAB, 30'
 STA. 570+61.77 TO STA. 570+91.77
 TRAFFIC BARRIER TERMINAL TY 6 - 1 EA.
 STA. 570+77.75 TO STA. 571+21.50
 HOT-MIX ASPHALT SHOULDERS, 6", HMA SC "C" N50, 2"
 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"
 SUB BASE GRANULAR MATERIAL, TYPE A

LIMITS OF CONSTRUCTION
 HOT-MIX ASPHALT SHOULDERS, 6"
 HMA SC "C" N50, 2"
 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"
 SUB BASE GRANULAR MATERIAL, TYPE A
 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 STA. 544+82.48 TO STA. 568+82.01
 HOT-MIX ASPHALT SHOULDERS, 6", HMA SC "C" N50, 2"

TRAF BAR TERM TY 5 - 1 EA.
 568+82.01 TO STA. 568+96.68
 BRIDGE APPROACH SLAB, 30'
 STA. 568+87.27 TO STA. 569+17.27
 TRAF BAR TERM TY 5 - 1 EA.
 STA. 568+88.58 TO STA. 569+03.25
 TRAF BAR TERM TY 2 - 1 EA.
 STA. 568+76.08 TO STA. 568+88.58

HOT-MIX ASPHALT SHOULDERS, 6", HMA SC "C" N50, 2"
 STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
 STA. 571+14.93 TO STA. 577+77.43

EXISTING 10' BIT SHOULDER
 EXISTING 24', 9" CRPPC W/ 4" STABILIZED SUB BASE
 EXISTING 10' BIT SHOULDER
 WB US 20 PGL
 PROPOSED US 20
 LIMITS OF CONSTRUCTION
 EXISTING PAVEMENT
 HMA SHOULDER REMOVAL, 3"
 HMA SC "C" N50, 3"

STA. 568+91.44 19' PIPE DRAINS 12",
 1 EA TY C INLET BOX 609006, 1 EA MET END SEC 12

GUARDRAIL REMOVAL
 STA. 570+52.58 TO STA. 576+05.10
 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
 STA. 571+21.50 TO STA. 574+46.50
 HOT-MIX ASPHALT SHOULDERS, 6", HMA SC "C" N50, 2"
 TRAFFIC BARRIER TERMINAL TY 1 SPECIAL (FLARED) - 1 EA.
 STA. 574+46.50 TO STA. 574+96.50
 LIMITS OF CONSTRUCTION

TRAF BAR TERM TY 2 - 1 EA. STA. 570+67.25 TO STA. 570+79.75
 TRAF BAR TERM TY 5 - 1 EA. STA. 570+52.58 TO STA. 570+67.25

EXISTING PAVEMENT
 HMA SHOULDER REMOVAL, 3"
 HMA SC "C" N50, 3"

SEE NEXT SHEET FOR PROFILE

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

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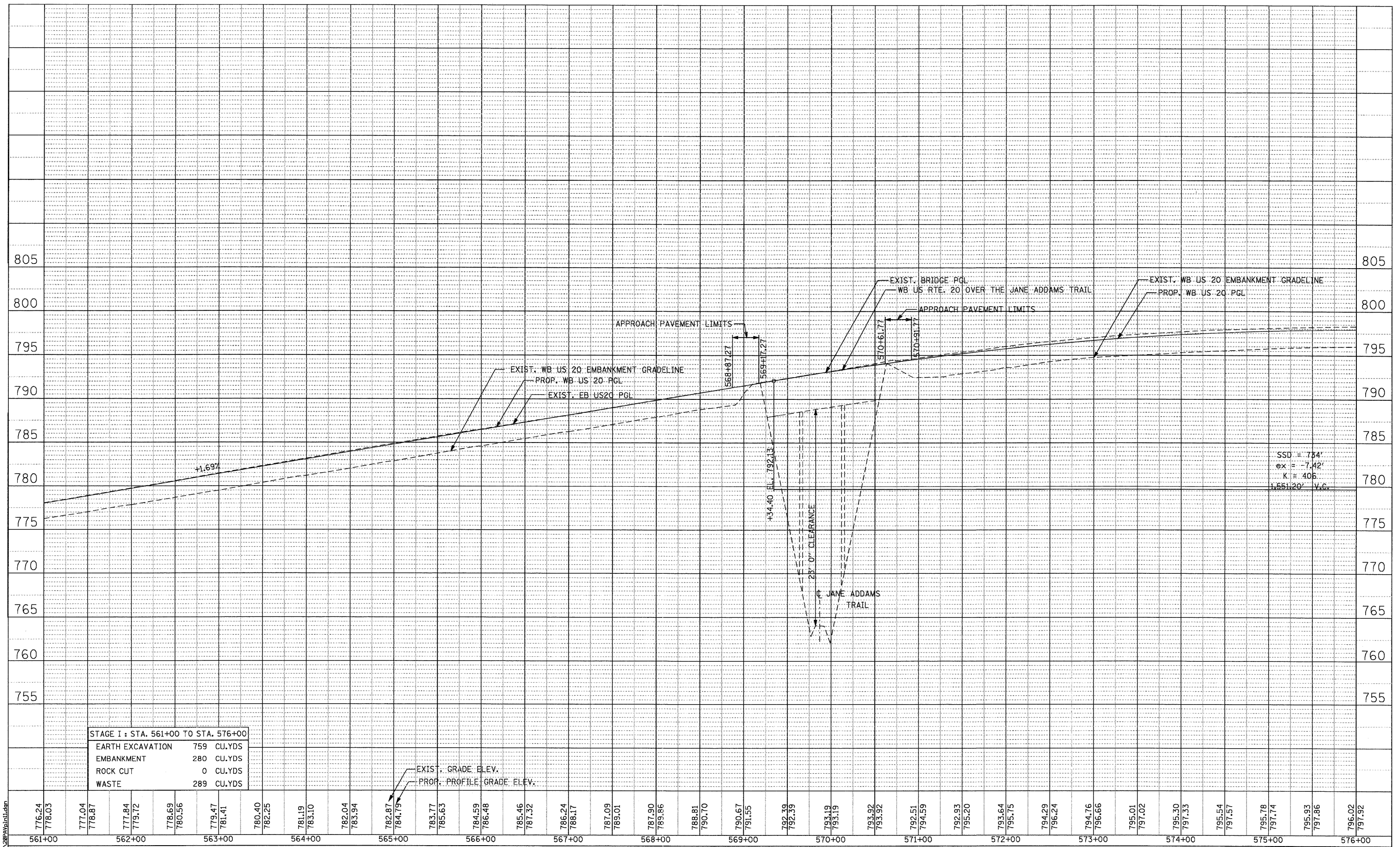
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PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN WESTBOUND U.S. ROUTE 20		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1"=50'		301	177-2-1	STEPHENSON	211	47
SHEET NO. 10 OF 17 SHEETS		FINAL SUBMITTAL		CONTRACT NO. 64860		
STA. 561+00 TO STA. 576+00		ILLINOIS FED. AID PROJECT P-92-014-03				

REVISIONS	BY	DATE
PLANNED		
ALIGNED		
CHECKED		
NO. _____		
NOTE BOOK		
NO. _____		
FILE NAME		

PROFILE	BY	DATE
DESIGNED		
PLANNED		
CHECKED		
NO. _____		
NOTE BOOK		
NO. _____		
STRUCTURE		
NOTATION		



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

SSD = 734'
ex = -7.42'
K = 406
1.55120' V.C.

776.24	778.03	777.04	778.87	777.84	779.72	778.69	780.56	779.47	781.41	780.40	782.25	781.19	783.10	782.04	783.94	782.87	784.79	783.77	785.63	784.59	786.48	785.46	787.32	786.24	788.17	787.09	789.01	787.90	789.86	788.81	790.70	790.67	791.55	792.39	792.39	793.19	793.19	793.92	793.92	792.51	794.59	792.93	795.20	793.64	795.75	794.29	796.24	794.76	796.66	795.01	797.02	795.30	797.33	795.54	797.57	795.78	797.74	795.93	797.86	796.02	797.92
561+00		562+00		563+00		564+00		565+00		566+00		567+00		568+00		569+00		570+00		571+00		572+00		573+00		574+00		575+00		576+00																															

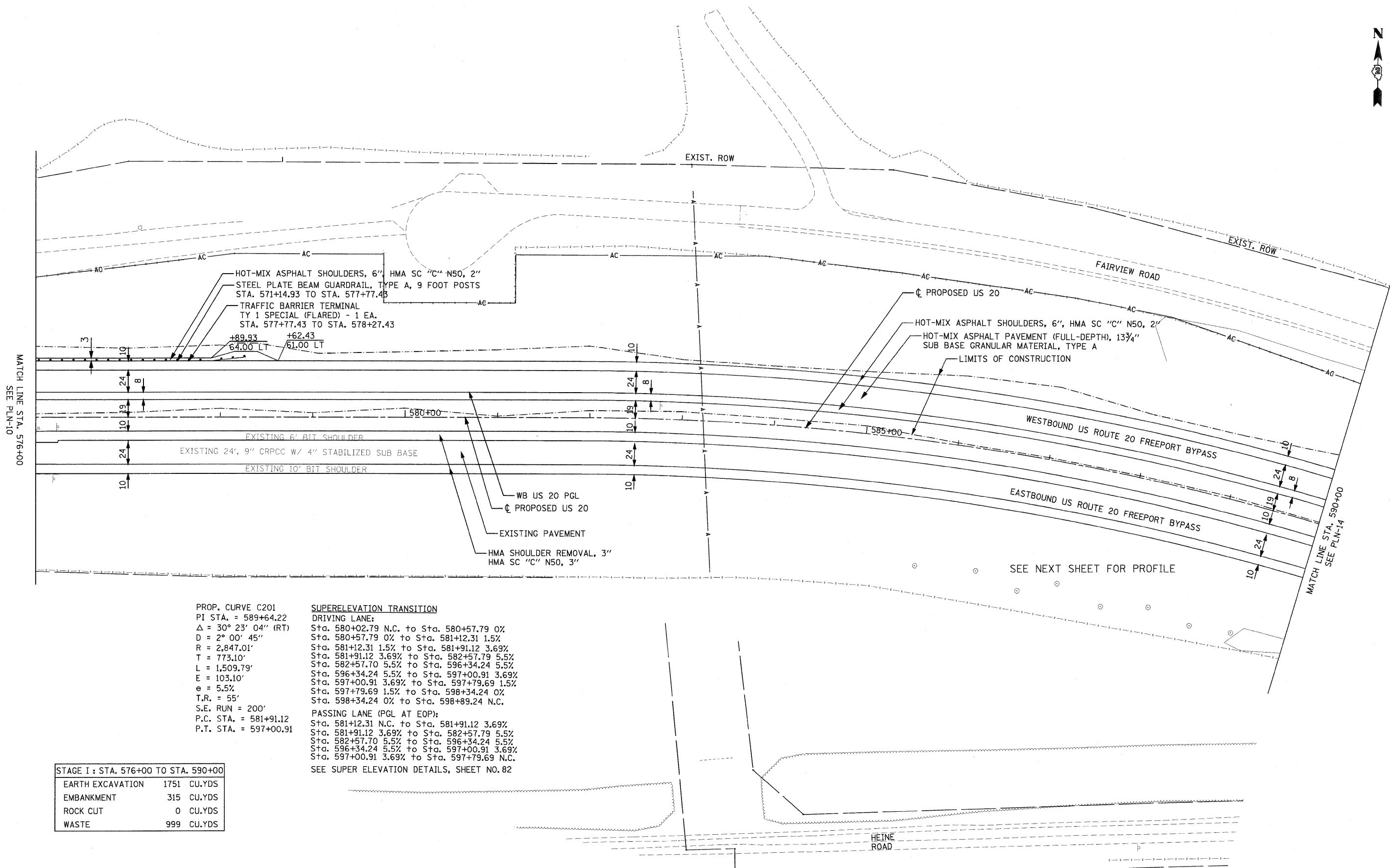
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USER NAME = MMS	DESIGNED - MMS	REVISED -
PLANNED	DRAWN - MMS	REVISED -
CHECKED - RMH	CHECKED - RMH	REVISED -
DATE - 12/02/2011	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILE
WESTBOUND U.S. ROUTE 20
SCALE: 1"=50' SHEET NO. 11 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	48
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



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

SUPERELEVATION TRANSITION
 DRIVING LANE:
 Sta. 580+02.79 N.C. to Sta. 580+57.79 0%
 Sta. 580+57.79 0% to Sta. 581+12.31 1.5%
 Sta. 581+12.31 1.5% to Sta. 581+91.12 3.69%
 Sta. 581+91.12 3.69% to Sta. 582+57.79 5.5%
 Sta. 582+57.79 5.5% to Sta. 596+34.24 5.5%
 Sta. 596+34.24 5.5% to Sta. 597+00.91 3.69%
 Sta. 597+00.91 3.69% to Sta. 597+79.69 1.5%
 Sta. 597+79.69 1.5% to Sta. 598+34.24 0%
 Sta. 598+34.24 0% to Sta. 598+89.24 N.C.

PASSING LANE (PGL AT EOP):
 Sta. 581+12.31 N.C. to Sta. 581+91.12 3.69%
 Sta. 581+91.12 3.69% to Sta. 582+57.79 5.5%
 Sta. 582+57.79 5.5% to Sta. 596+34.24 5.5%
 Sta. 596+34.24 5.5% to Sta. 597+00.91 3.69%
 Sta. 597+00.91 3.69% to Sta. 597+79.69 N.C.

SEE SUPER ELEVATION DETAILS, SHEET NO. 82

STAGE I : STA. 576+00 TO STA. 590+00	
EARTH EXCAVATION	1751 CU.YDS
EMBANKMENT	315 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	999 CU.YDS

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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 -

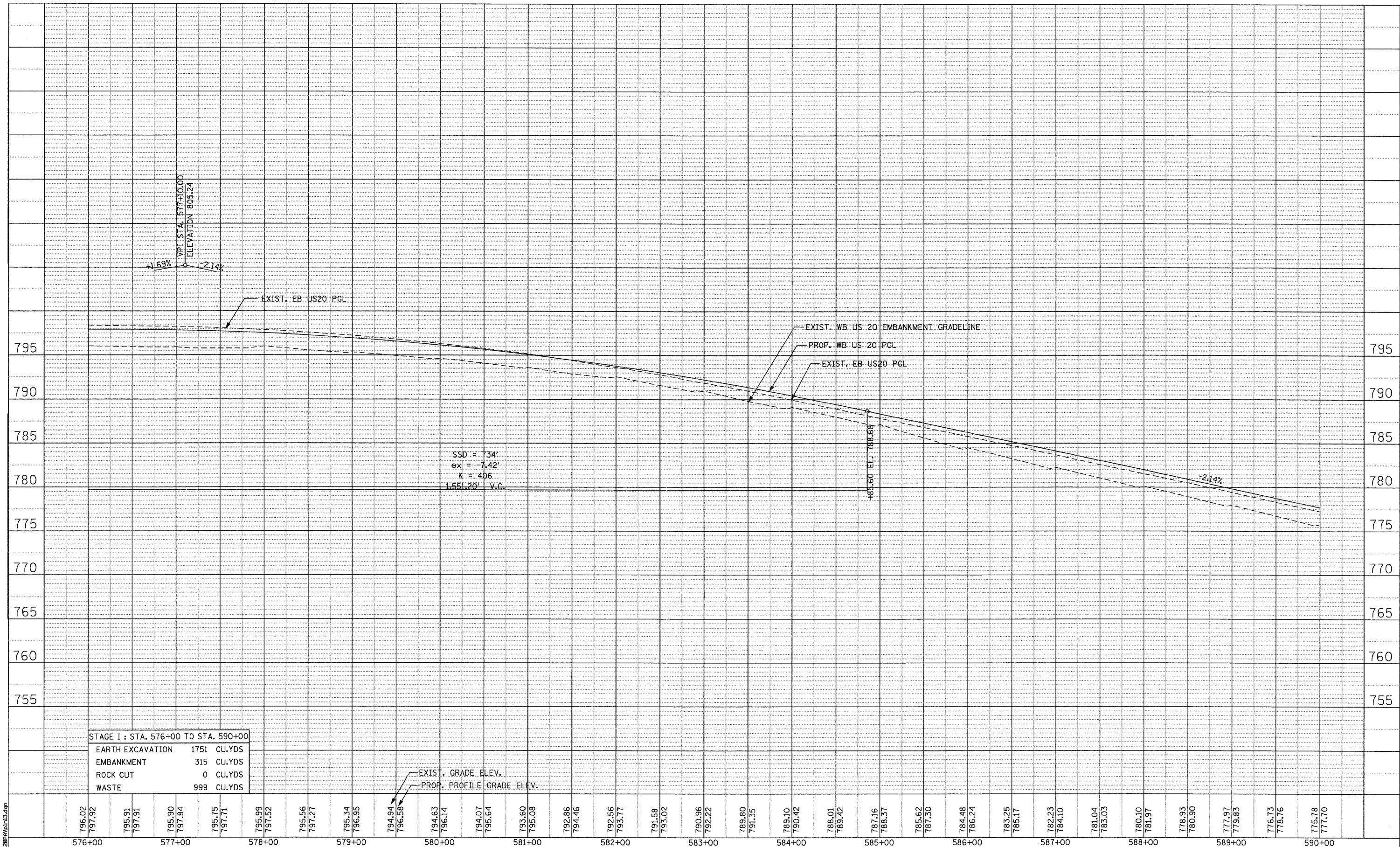
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN
 WESTBOUND U.S. ROUTE 20
 SCALE: 1"=50' SHEET NO. 12 OF 17 SHEETS STA. 576+00 TO STA. 590+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	49
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

PLAN	SURVEYED	BY _____	DATE _____
	PLOTTED		
	NOTE BOOK NO. _____		
	CADD FILE NAME _____		

PROFILE	SURVEYED	BY _____	DATE _____
	GRADES CHECKED		
	NOTE BOOK NO. _____		
	STRUCTURE NOTATIONS CHECKED		



STAGE I : STA. 576+00 TO STA. 590+00	
EARTH EXCAVATION	1751 CU.YDS
EMBANKMENT	315 CU.YDS
ROCK CUT	0 CU.YDS
WASTE	999 CU.YDS

Station	Existing Grade Elevation	Proposed Profile Grade Elevation
576+00	796.02	797.92
577+00	795.91	797.84
578+00	795.75	797.71
579+00	795.56	797.52
580+00	795.34	797.35
581+00	794.94	796.94
582+00	794.63	796.14
583+00	794.07	795.64
584+00	793.60	795.08
585+00	792.86	794.46
586+00	792.56	793.77
587+00	791.58	793.02
588+00	790.96	792.22
589+00	789.80	791.35
590+00	789.10	790.42

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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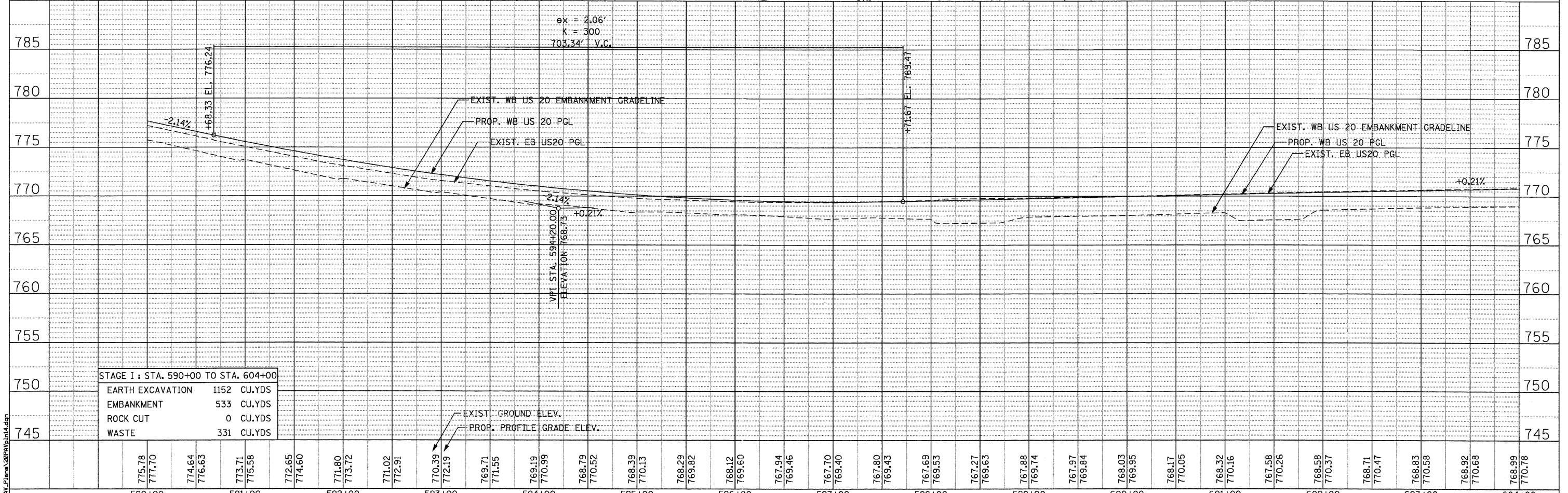
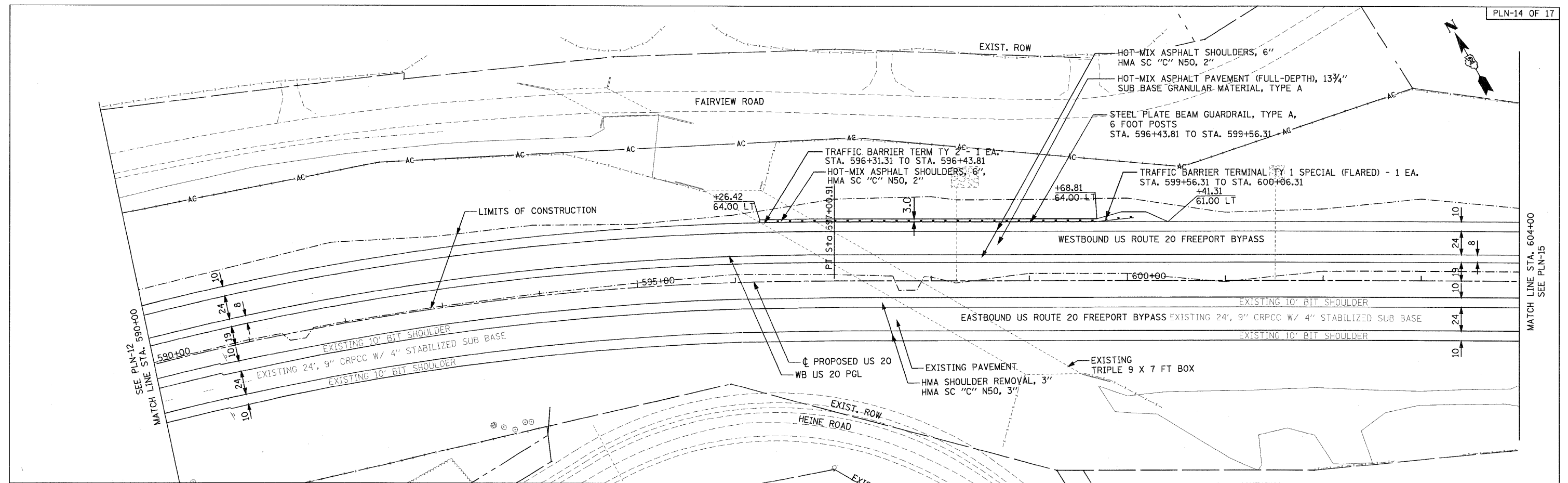
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DRAWN - MMS	CHECKED - RMH	REVISED -
PLOT SCALE = 50.00' / IN.	DATE - 12/02/2011	REVISED -
PLOT DATE = 9/28/11		

PROFILE WESTBOUND U.S. ROUTE 20
SCALE: 1"=50'
SHEET NO. 13 OF 17 SHEETS
STA. 576+00 TO STA. 590+00

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 50
FINAL SUBMITTAL		CONTRACT NO. 64860		
[ILLINOIS] FED. AID PROJECT P-92-014-03				

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

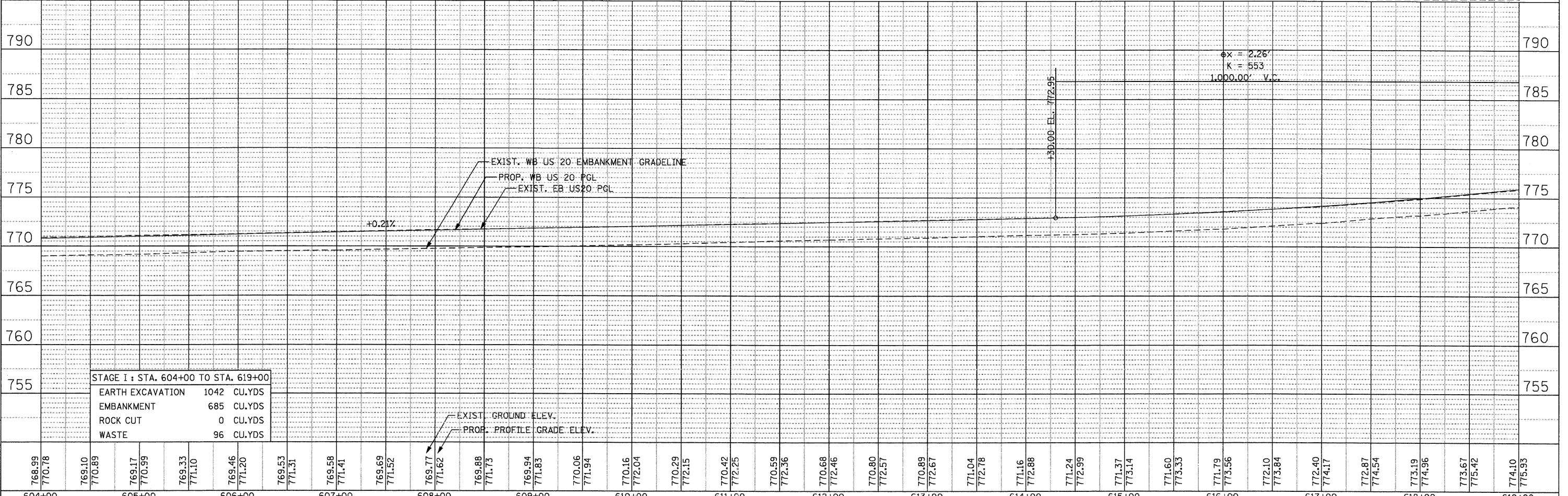
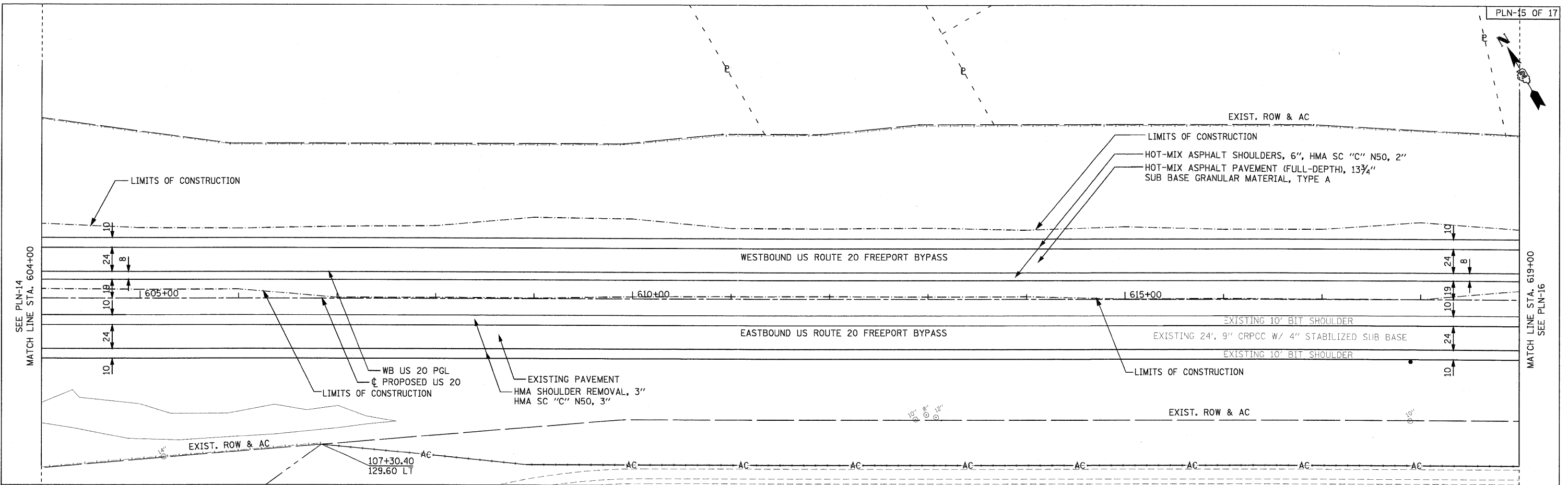
PROFILE	REVISIONS	DATE
NO.	NO.	
BY	BY	BY
DATE	DATE	DATE
NO.	NO.	NO.



PARSONS BRINCKERHOFF 280 West Monroe St., Suite 900 Chicago, IL 60606, (312) 782-6150	USER NAME = MMS	DESIGNED - MMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WESTBOUND U.S. ROUTE 20	F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 51
	PLOT SCALE = 50.00' / IN.	CHECKED - RMH	REVISED -			FINAL SUBMITTAL	CONTRACT NO. 64860			
	PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -			ILLINOIS FED. AID PROJECT P-92-014-03				
	SCALE: 1"=50'		SHEET NO. 14 OF 17 SHEETS			STA. 590+00 TO STA. 604+00				

PLAN	REVISIONS	DATE
NO.	NO.	
NOTE BOOK	ALIGNED CHECKED	
	PLANNED FILE NAME	

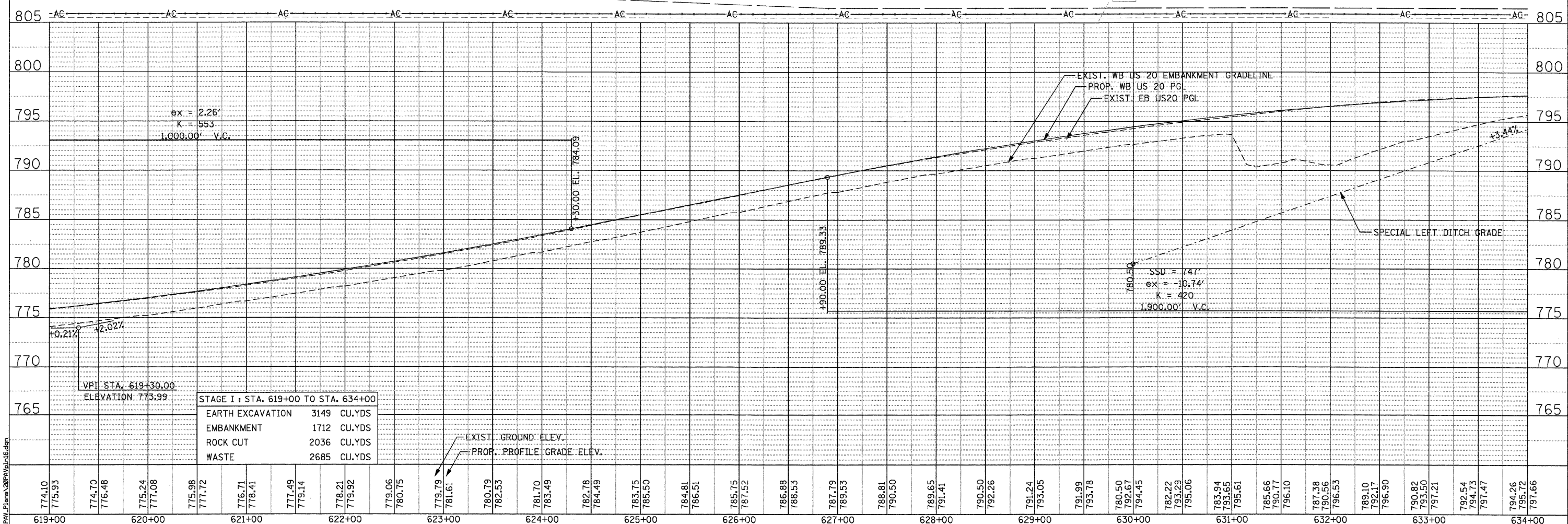
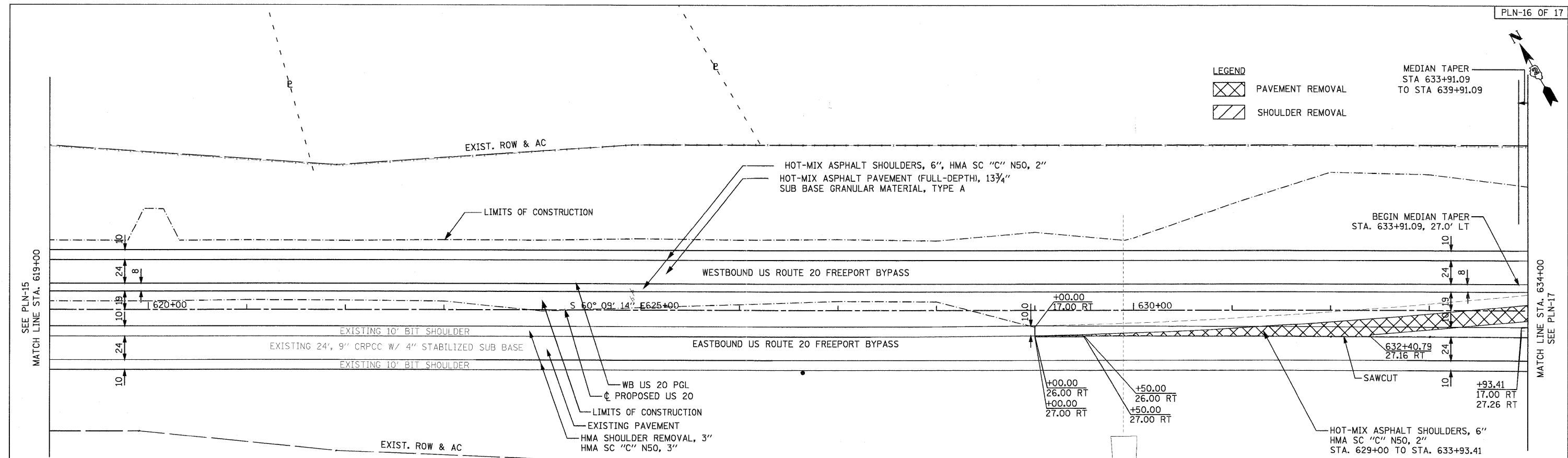
PROFILE	DATE
NO.	
NOTE BOOK	
STRUCTURE	NOTATIONS CHECKED



PARSONS BRINCKERHOFF 280 West Monroe St., Suite 900 Chicago, IL 60606, (312) 782-6160	USER NAME = MMS	DESIGNED - MMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WESTBOUND U.S. ROUTE 20		F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 52	
	PLOT SCALE = 58.00' / IN.	CHECKED - RMH	REVISED -		SCALE: 1"=50'	SHEET NO. 15 OF 17 SHEETS	STA. 604+00 TO STA. 619+00	FINAL SUBMITTAL		CONTRACT NO. 64860		
	PLOT DATE = 9/28/11	DATE - 12/02/2011	REVISED -						ILLINOIS FED. AID PROJECT P-92-014-03			

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	NO. _____	
	STRUCTURE	
	NOTATIONS	
	CHRO	



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USER NAME = MMS	DESIGNED - MMS	REVISED -
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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

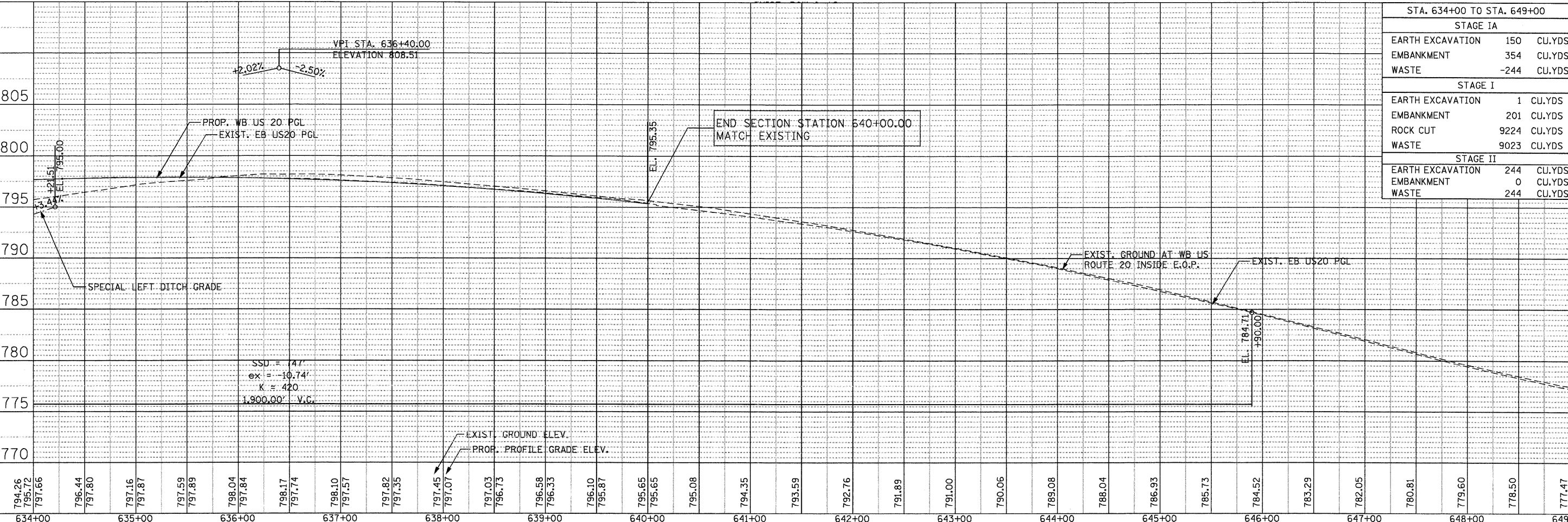
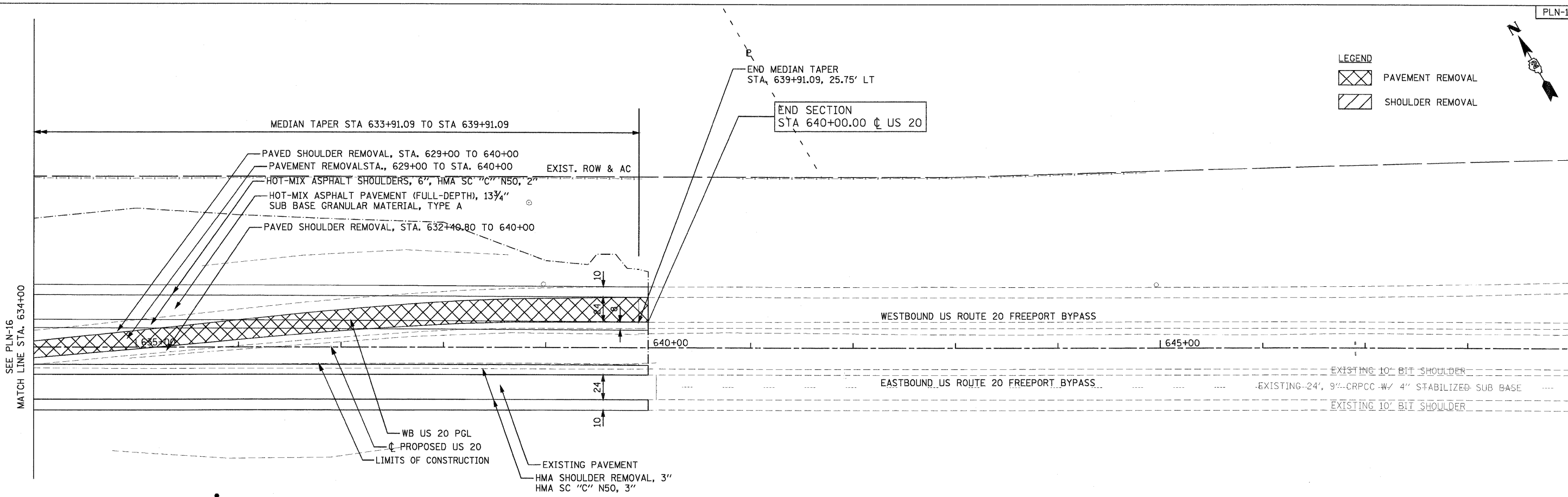
SCALE: 1"=50' SHEET NO. 16 OF 17 SHEETS STA. 619+00 TO STA. 634+00

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



LEGEND

	PAVEMENT REMOVAL
	SHOULDER REMOVAL



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

DATE	BY
REVISIONS	
NO.	DESCRIPTION

DATE	BY
REVISIONS	
NO.	DESCRIPTION

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 Chicago, IL 60606, (312) 782-6150

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE

STAGE IA

CONSTRUCT TEMPORARY PAVEMENT FROM STA. 463+30.00 TO STA. 473+25.00 AND 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

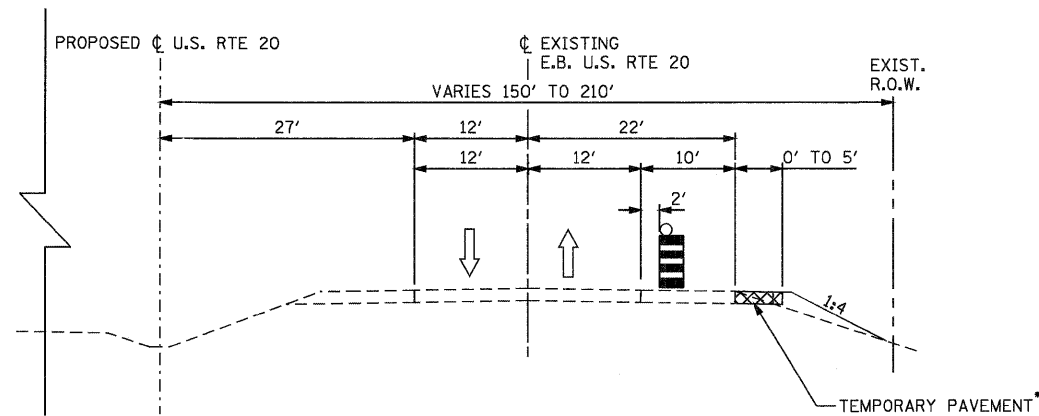
- REMOVE EXISTING PAVEMENT MARKINGS, INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701331, 701400, 701401 AND 701411.
- TRAFFIC CONTROL DEVICES SHALL 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. 463+30.00 TO STA. 473+25.00 AND 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.

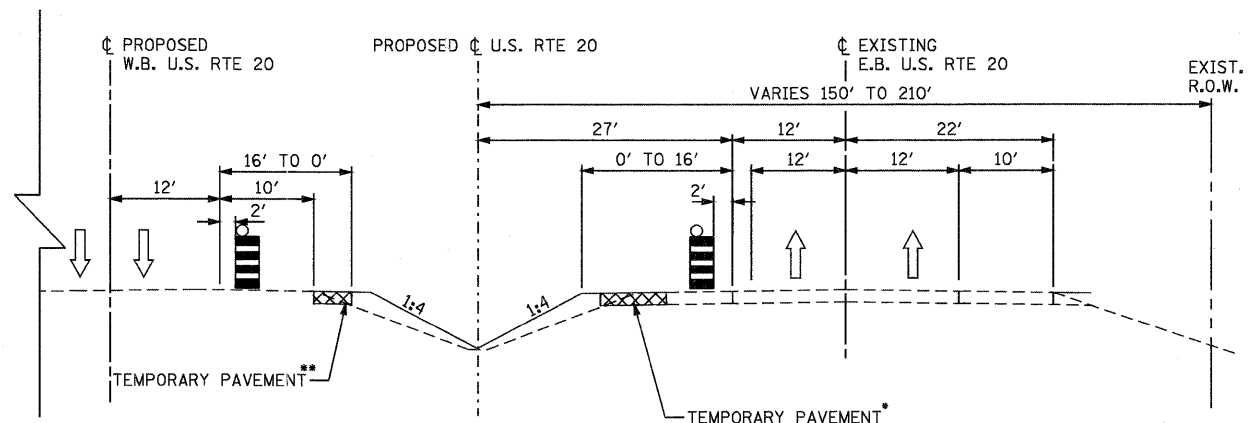
STAGE III

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



• 5' FROM STA. 463+30.00 TO STA. 473+25.00

US ROUTE 20
STAGE IA
STA. 463+30.00 TO STA. 473+25.00



• 16' TO 2' FORM STA. 641+70.49 LT TO STA. 643+87.47 LT
2' FORM STA. 643+87.47 LT TO STA. 644+00.00 LT
• 2' FROM STA. 637+30.00 RT TO STA. 637+47.40 RT
2' TO 16' FROM STA. 637+47.40 RT TO STA. 639+62.85 RT
16' FROM STA. 639+62.85 TO STA. 641+70.49 (CROSS OVER)

US ROUTE 20
STAGE IA
STA. 637+30.00 TO STA. 644+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 900
Chicago, IL 60606 (312) 782-8160

USER NAME = MMS	DESIGNED - RMH	REVISED -
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PLOT DATE = 9/28/11	CHECKED - DVS	REVISED -
	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.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	55
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

SUGGESTED MAINTENANCE OF TRAFFIC SEQUENCE

STAGE IA

CONSTRUCT TEMPORARY PAVEMENT FROM STA. 463+30.00 TO STA. 473+25.00 AND 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

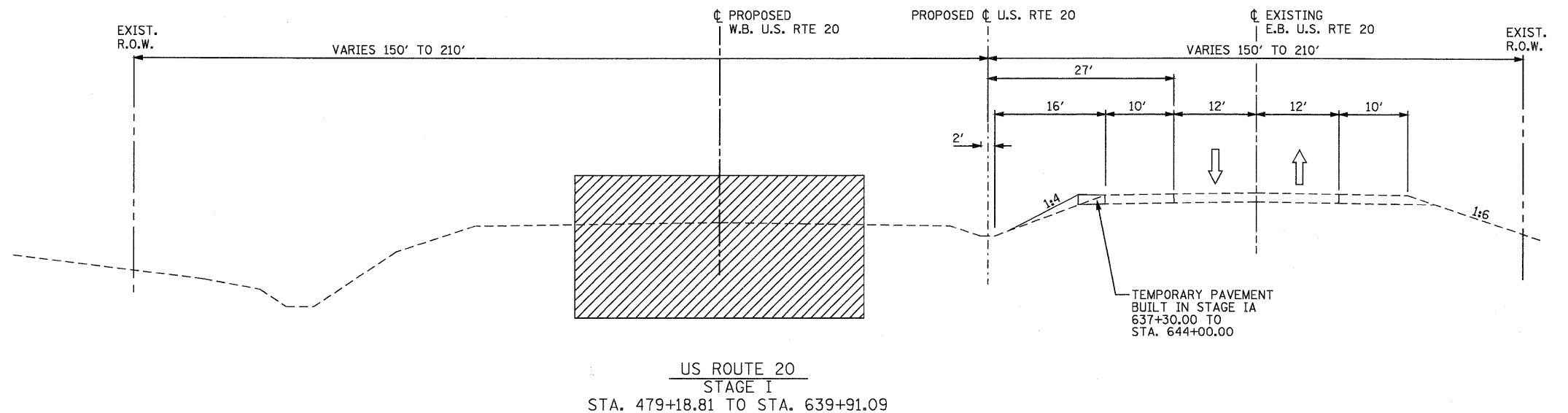
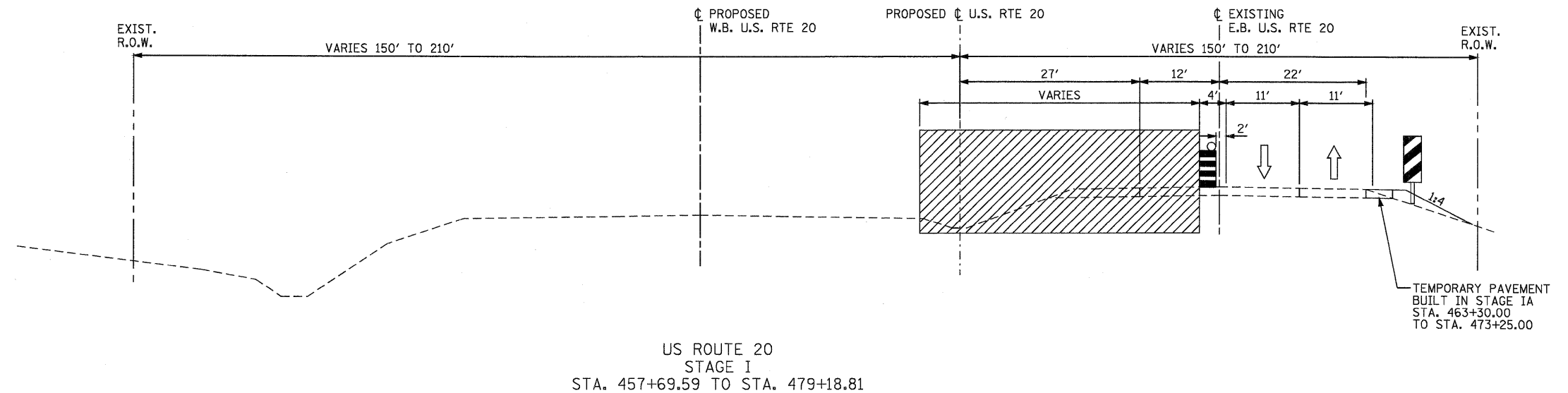
- REMOVE EXISTING PAVEMENT MARKINGS, INSTALL TRAFFIC CONTROL DEVICES, TEMPORARY PAVEMENT MARKINGS AND SIGNAGE AS SHOWN ON PLANS AND STANDARDS AND AS DIRECTED BY THE ENGINEER. US 20 TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARDS 701331, 701400, 701401 AND 701411.
- TRAFFIC CONTROL DEVICES SHALL 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. 463+30.00 TO STA. 473+25.00 AND 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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PLOT DATE = 9/28/11	CHECKED - DVS	REVISED -
	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.

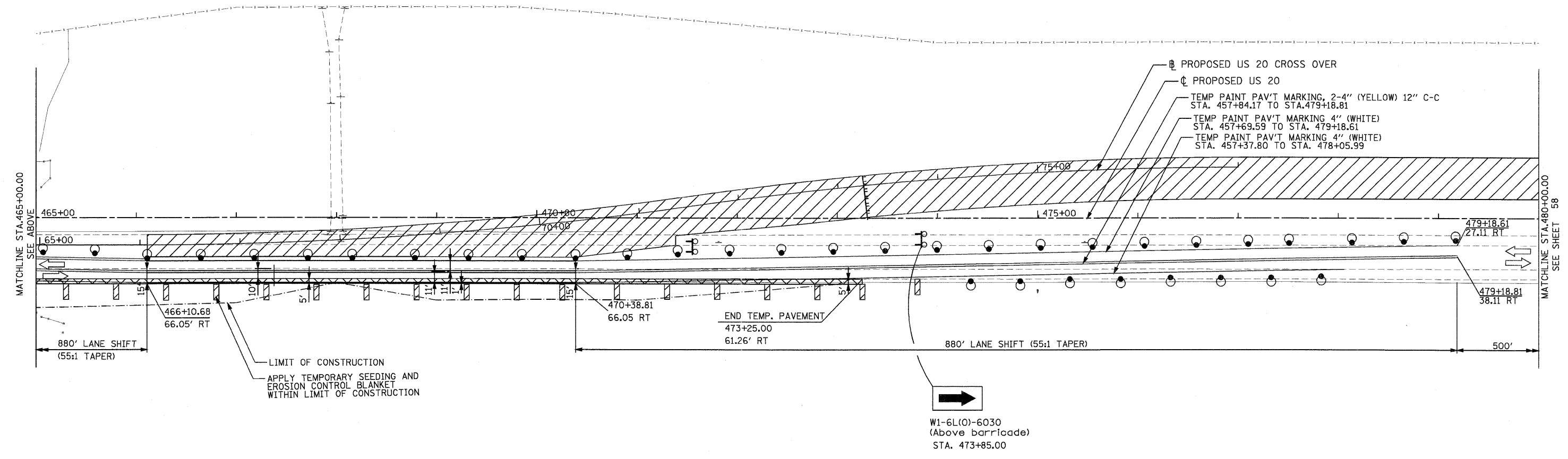
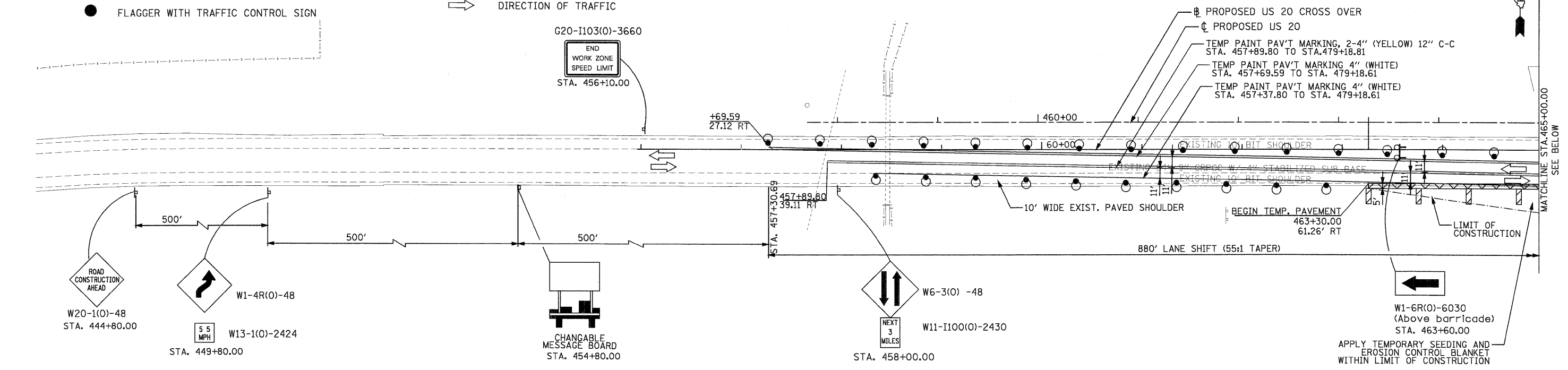
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	56
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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.



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









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

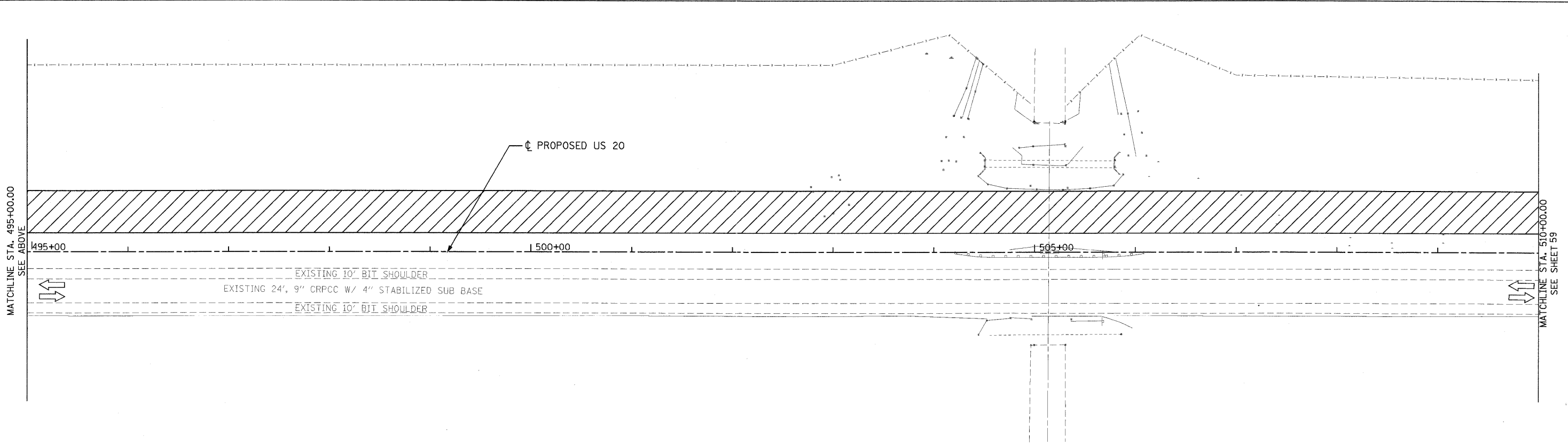
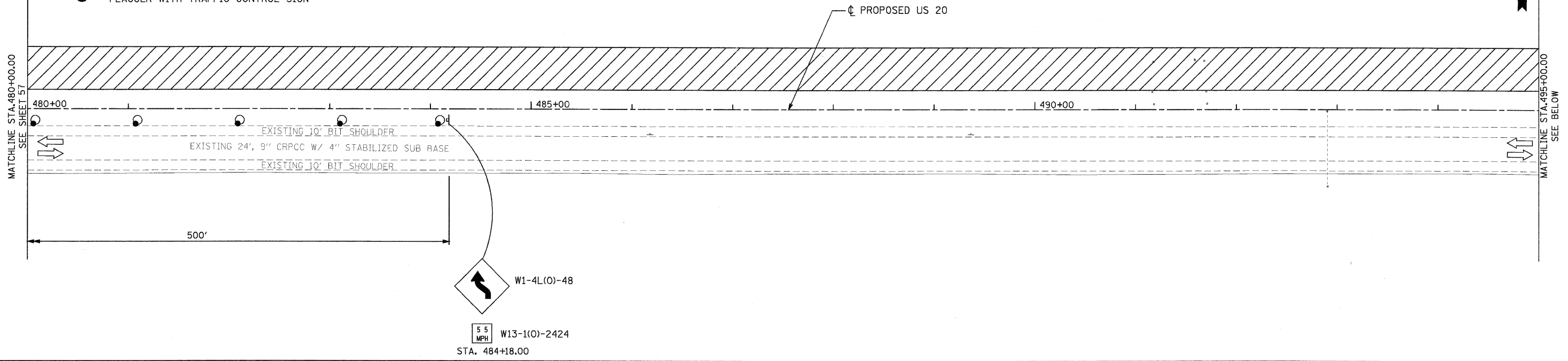
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=50'	SHEET NO. 1 OF 8 SHEETS	STA. 457+30.00 TO STA. 480+00.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	57
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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



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











STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

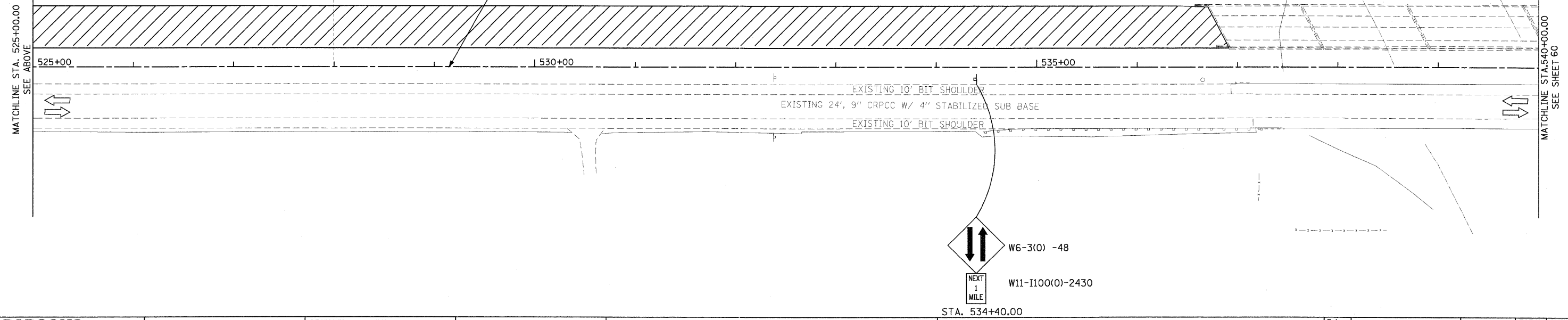
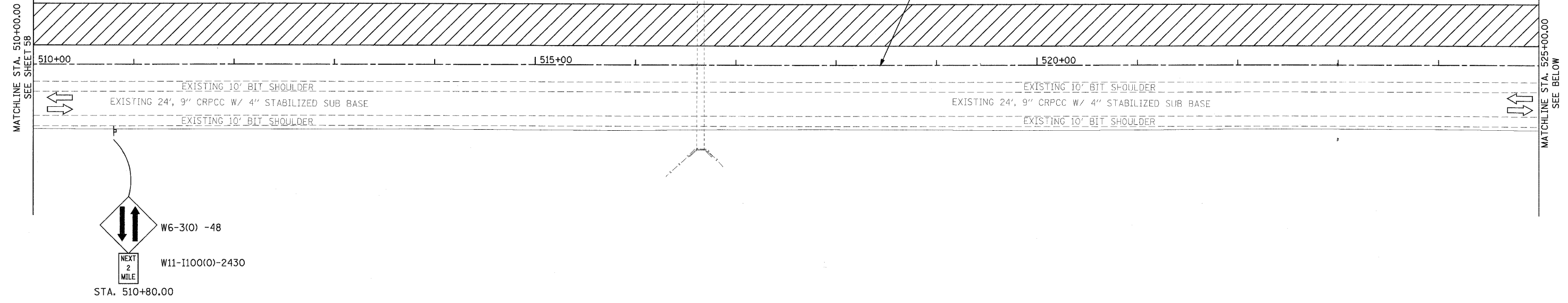
TRAFFIC CONTROL AND STAGING
 STAGE I

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

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

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



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 Chicago, IL 60606, (312) 782-8150

USER NAME = MMS	DESIGNED - MMS	REVISED -
DRAWN - MMS	REVISOR -	
PLOT SCALE = 50.00' / IN.	CHECKED - RMH	REVISOR -
PLOT DATE = 9/28/11	DATE - #CH DATE#	REVISOR -











**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

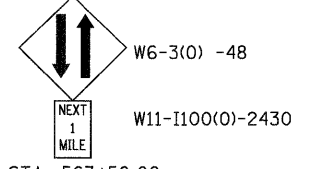
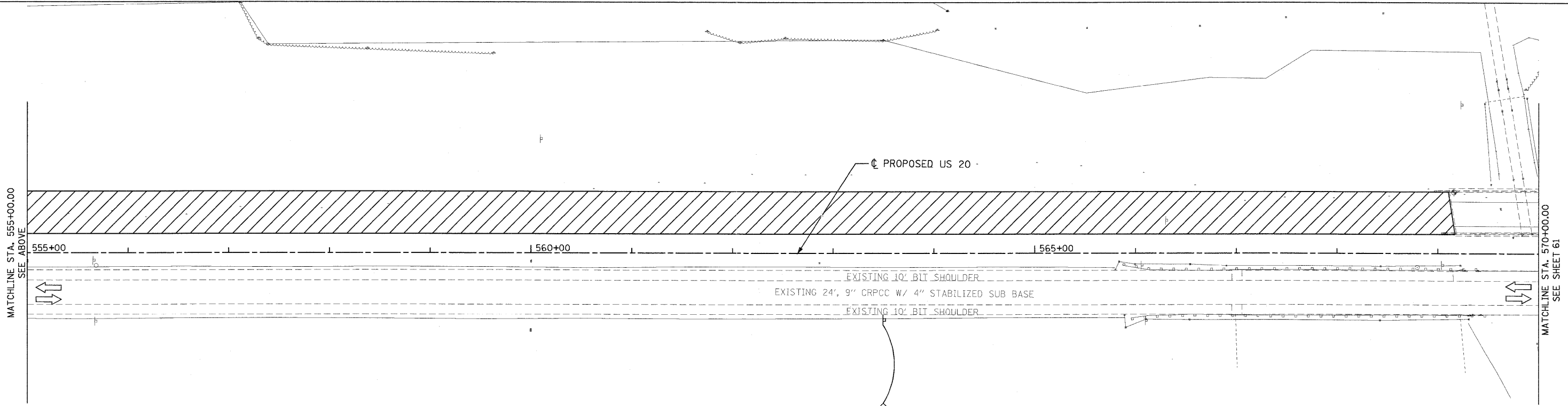
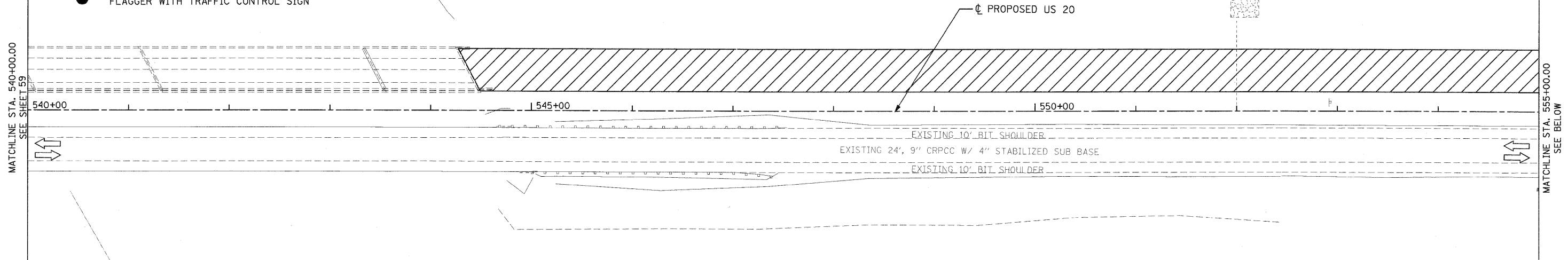
**TRAFFIC CONTROL AND STAGING
 STAGE I**

SCALE: 1"=50' SHEET NO. 3 OF 8 SHEETS STA. 510+00.00 TO STA. 540+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	59
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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



STA. 563+50.00

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PLOT SCALE = 50.00' / IN.	CHECKED - RMH	REVISED -
PLOT DATE = 9/28/11	DATE - \$CH DATE\$	REVISED -










**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

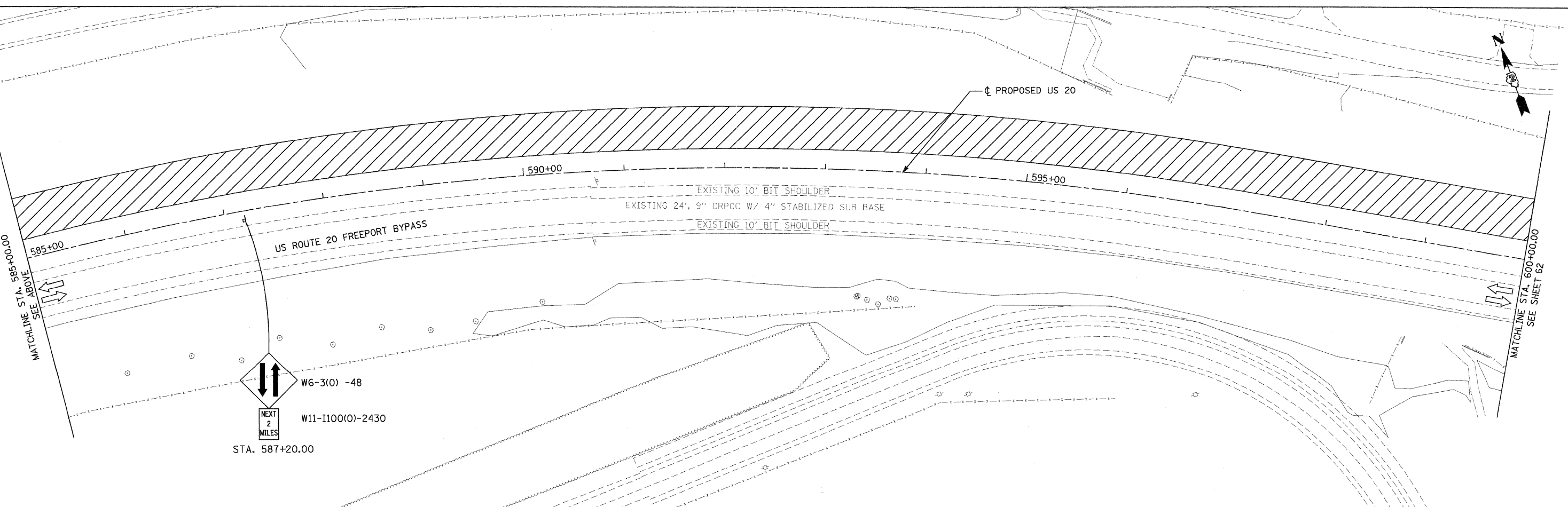
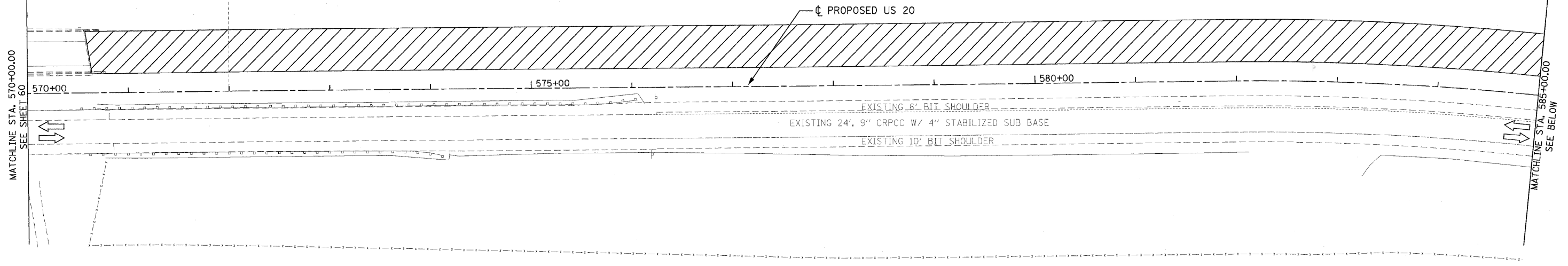
**TRAFFIC CONTROL AND STAGING
 STAGE I**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	60
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

SCALE: 1"=50' SHEET NO. 4 OF 8 SHEETS STA. 540+00.00 TO STA. 570+00.00

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



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USER NAME = MMS	DESIGNED - MMS	REVISED -
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









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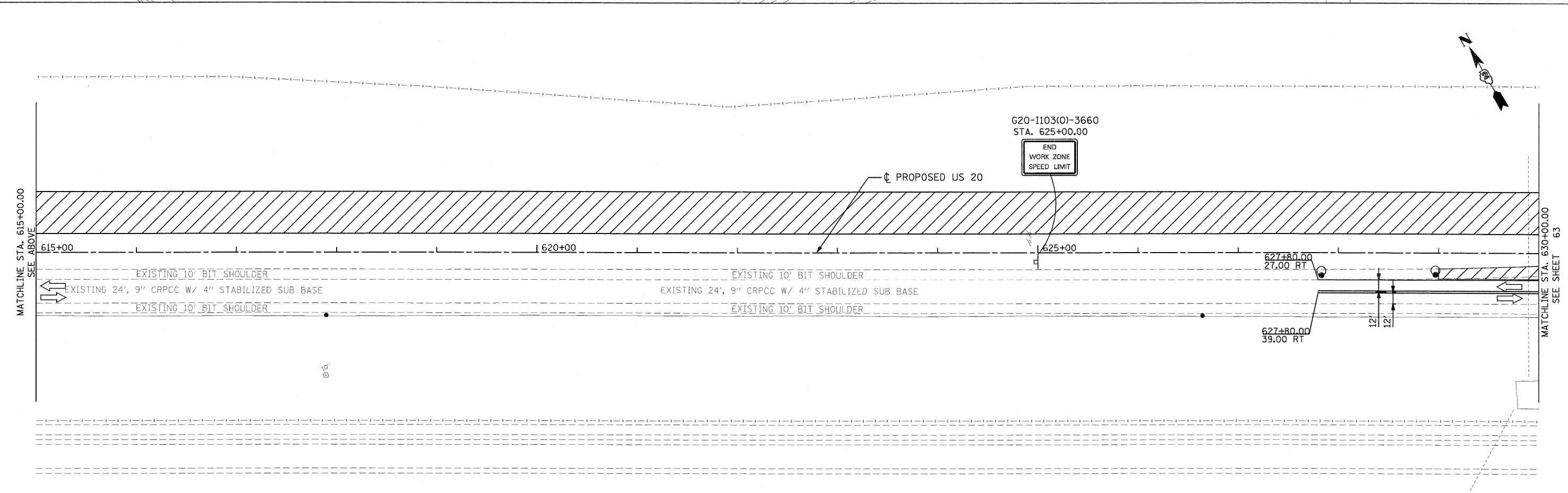
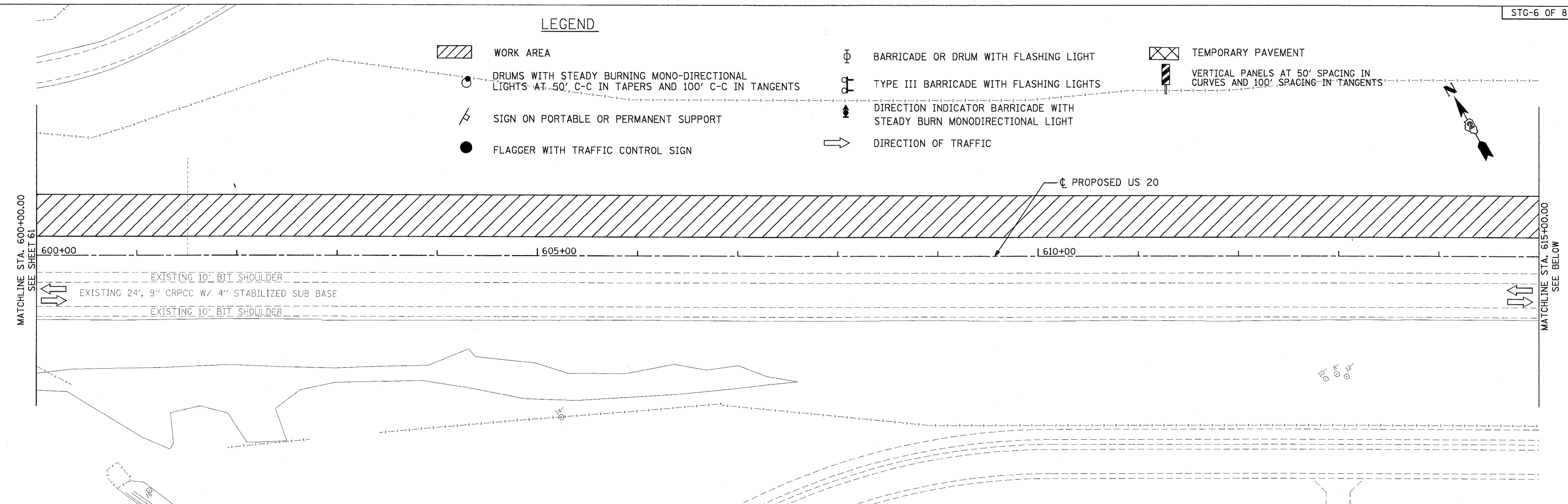
**TRAFFIC CONTROL AND STAGING
 STAGE I**

SCALE: 1"=50' SHEET NO. 5 OF 8 SHEETS STA. 570+00.00 TO STA. 600+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	61
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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



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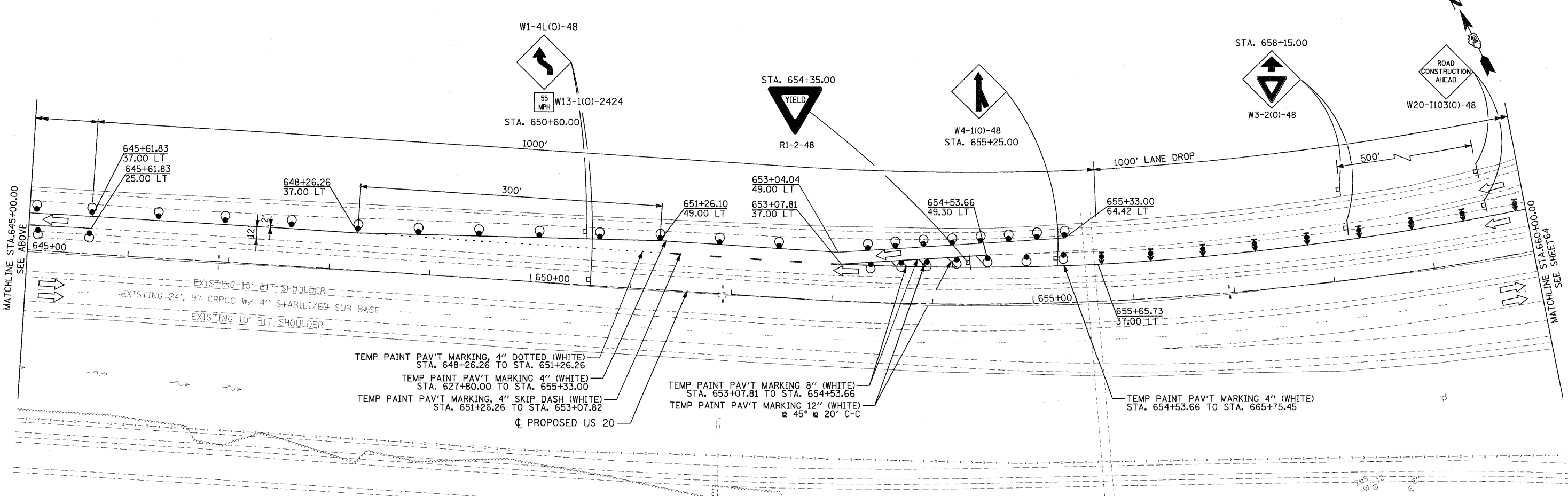
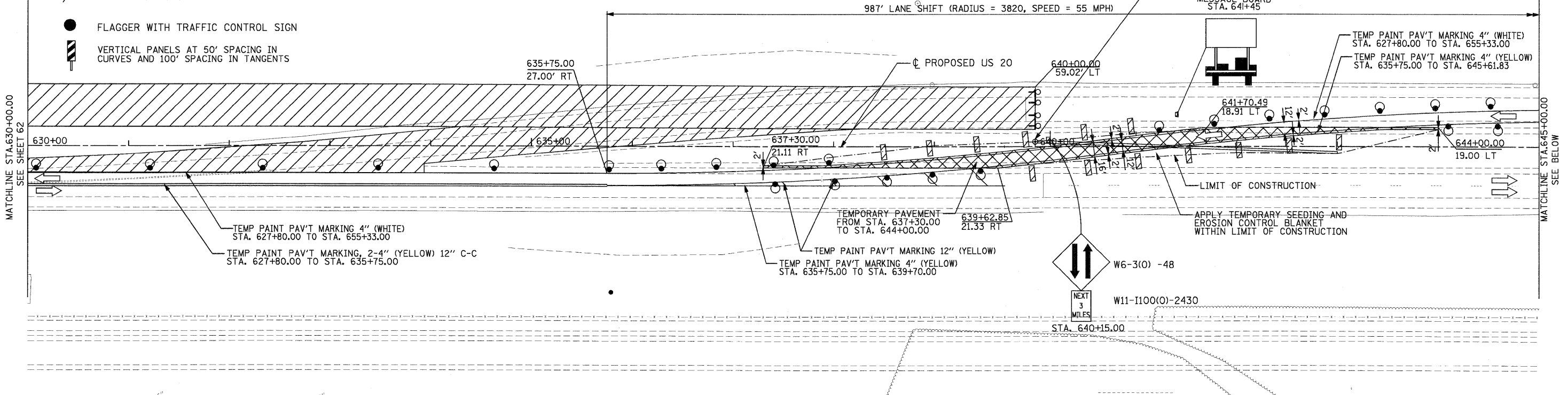
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND STAGING
 STAGE I**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	62
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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
- VERTICAL PANELS AT 50' SPACING IN CURVES AND 100' SPACING IN TANGENTS
- BARRICADE OR DRUM WITH FLASHING LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TEMPORARY PAVEMENT
- DIRECTION OF TRAFFIC



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	DATE -	REVISED -











**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

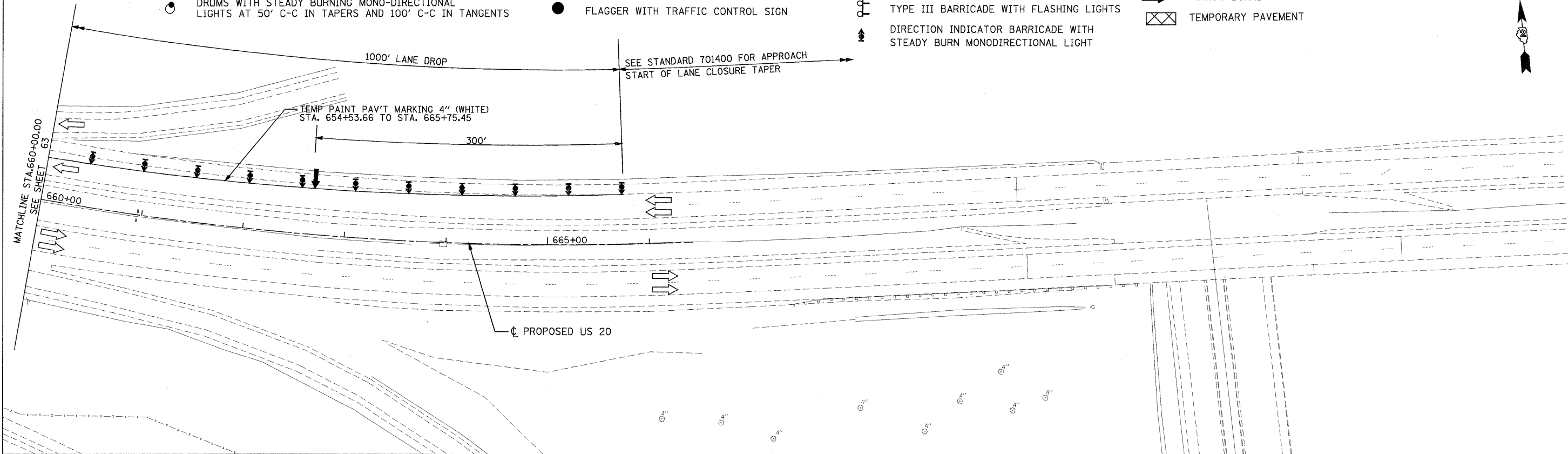
**TRAFFIC CONTROL AND STAGING
 STAGE I**

SCALE: 1"=50'
 SHEET NO. 7 OF 8 SHEETS
 STA. 630+00.00 TO STA. 660+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	63
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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
-  ARROW BOARD
-  TEMPORARY PAVEMENT



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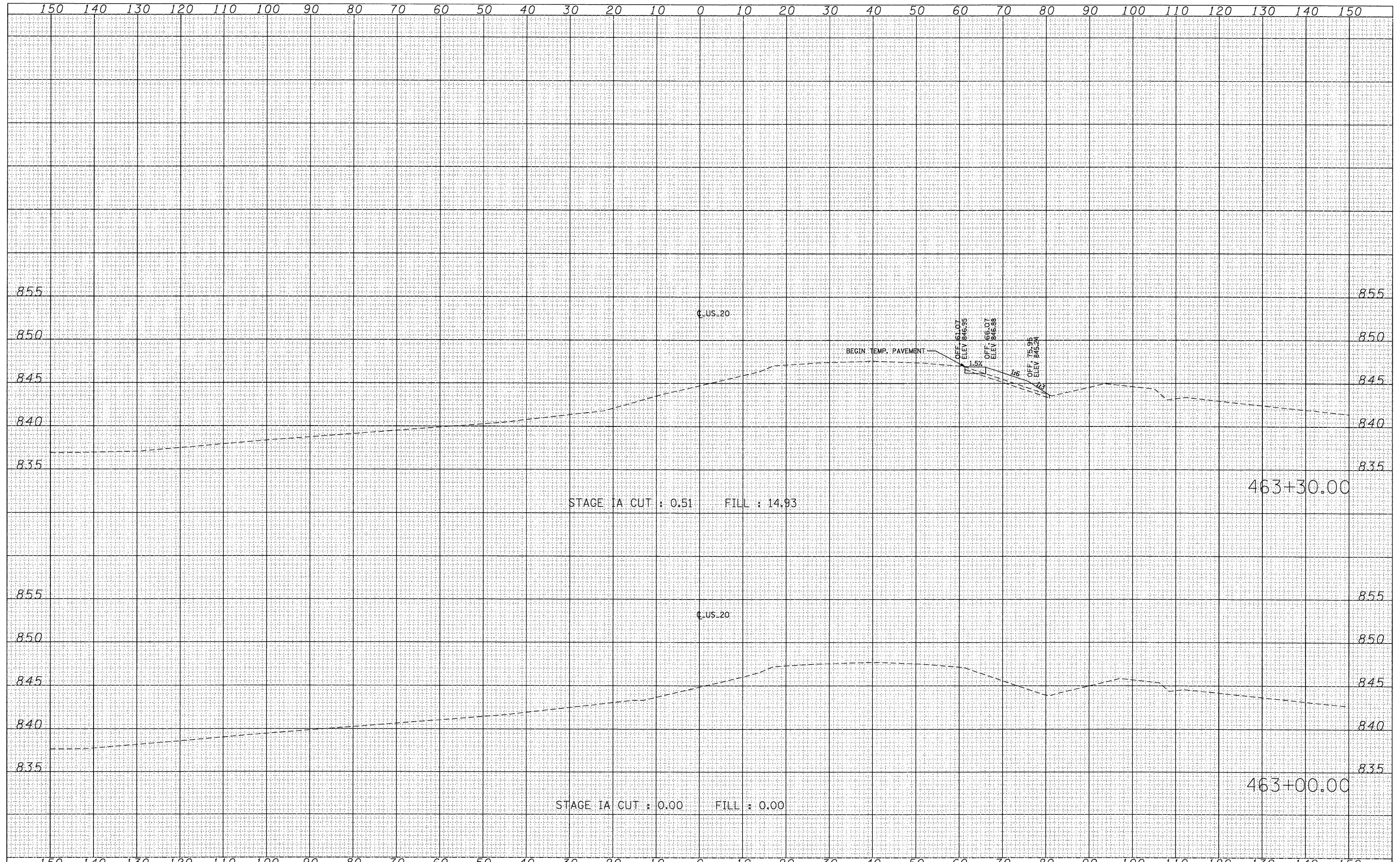
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND STAGING
STAGE I

SCALE: 1"=50'	SHEET NO. 8 OF 8 SHEETS	STA. 660+00.00 TO STA. 666+41.00	F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 64
			FINAL SUBMITTAL		CONTRACT NO. 64860		
			ILLINOIS FED. AID PROJECT P-92-014-03				

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BY	
SERVICES	
PLOTTED	
TEMPLATE	
AREAS	
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FINAL SURVEY	
NOTE BOOK	
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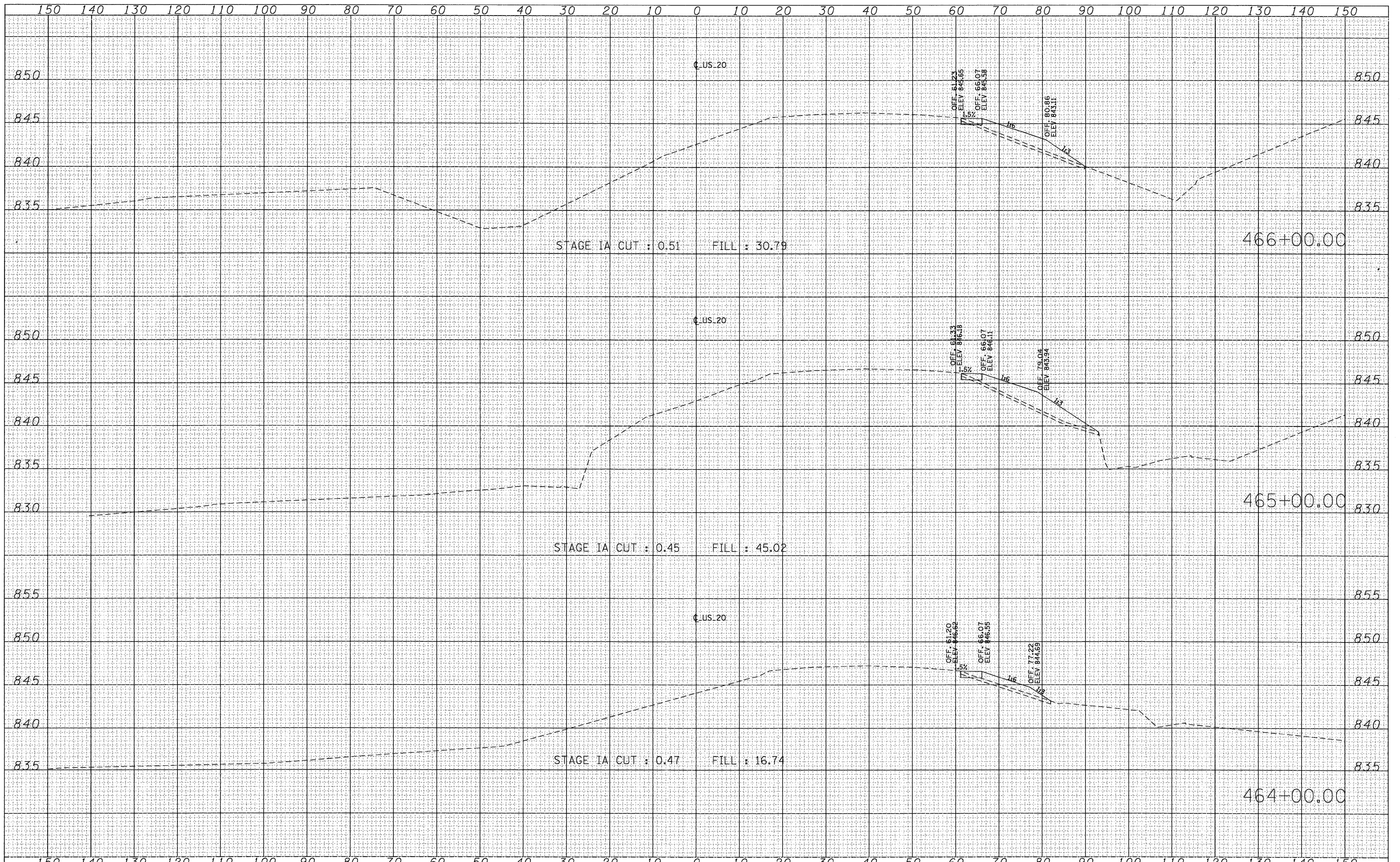
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NOTE BOOK	
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PLOT DATE = 9/28/11	DATE -	REVISIED -	REVISIED -		STA. 463+00.00	TO STA. 463+30.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64860			

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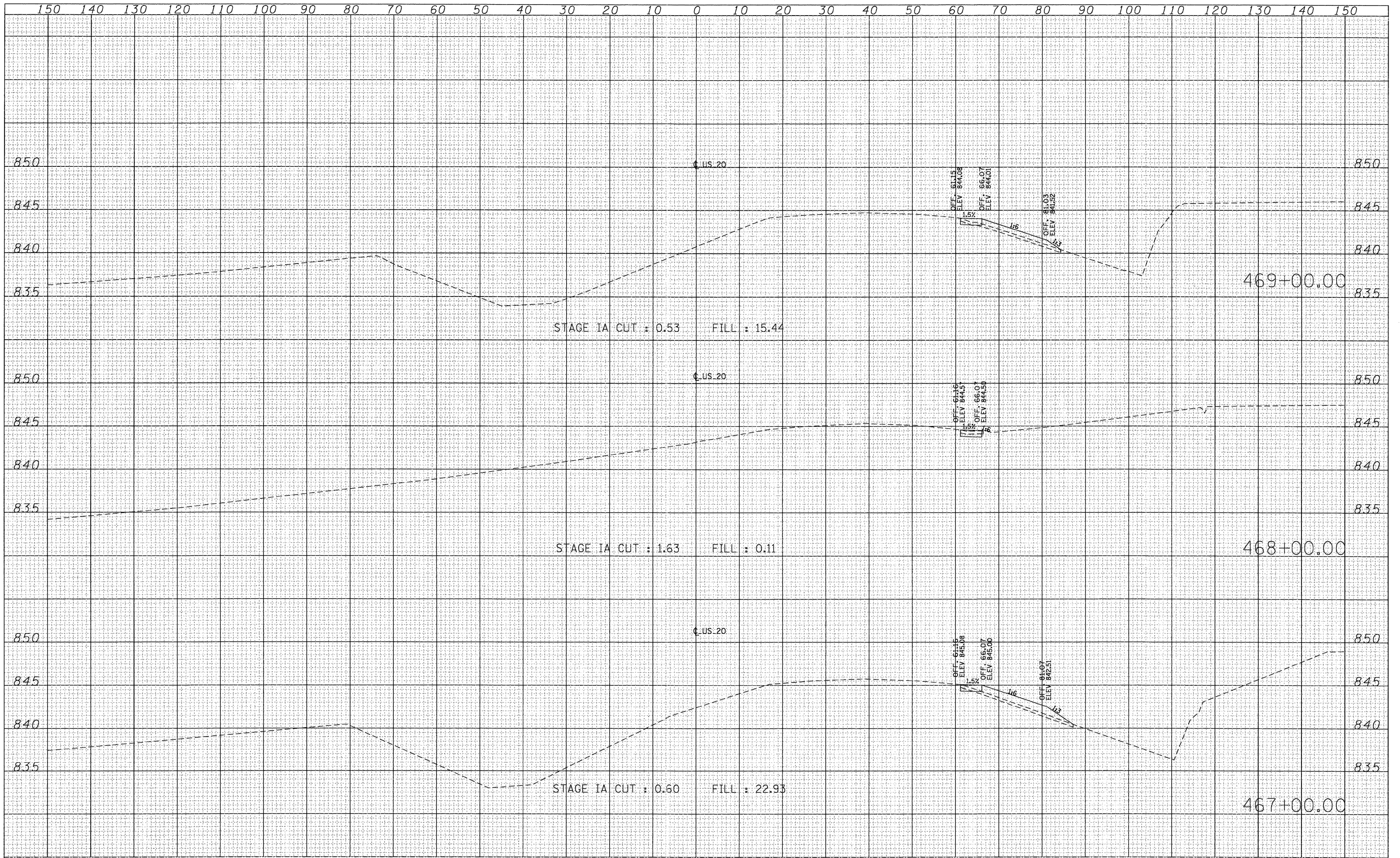
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		CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

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BY	
FINAL SURVEY	
SURVEYED	
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NOTE BOOK	
AREAS CHECKED	
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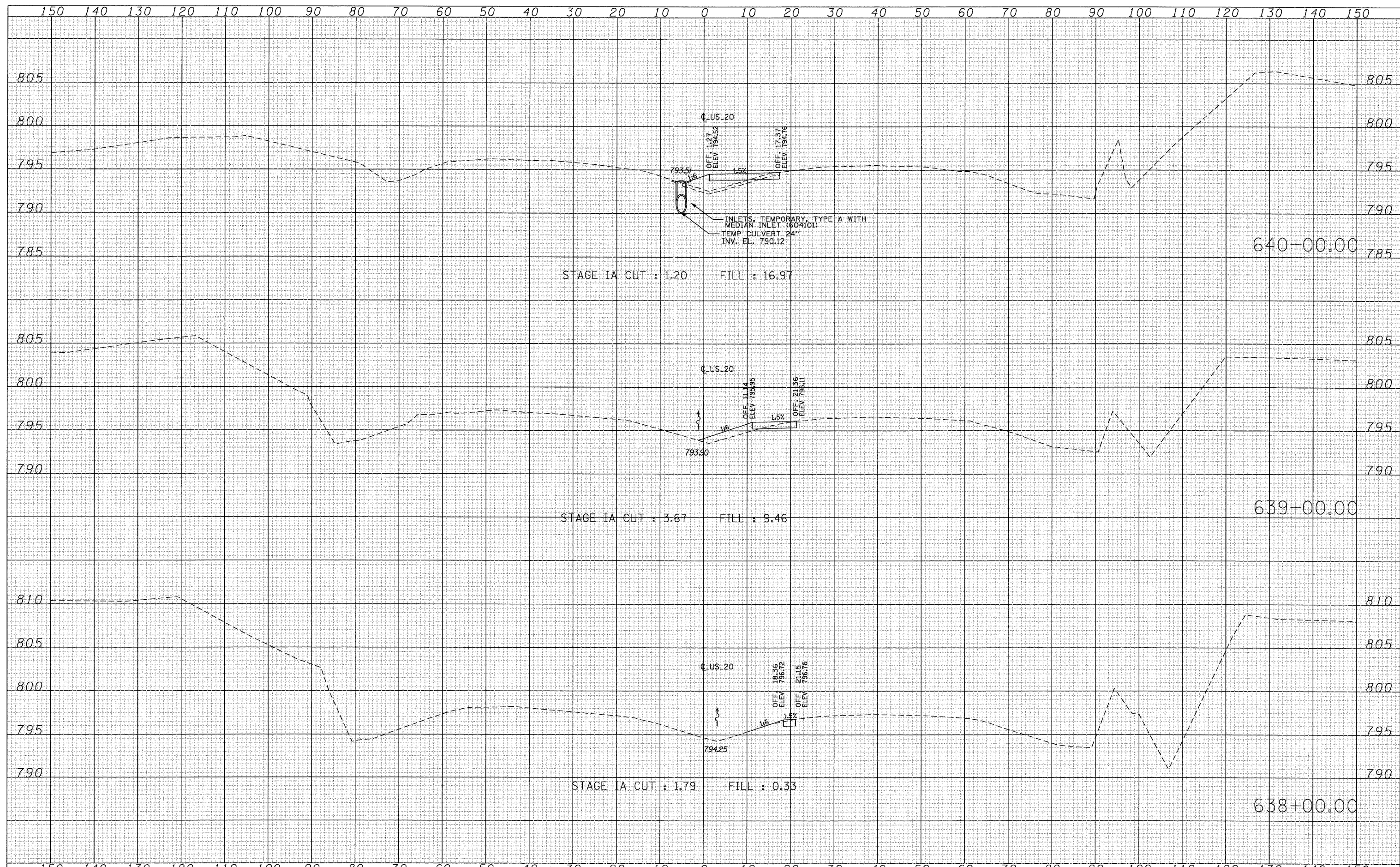
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PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -									
PLOT DATE = 9/28/11		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

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

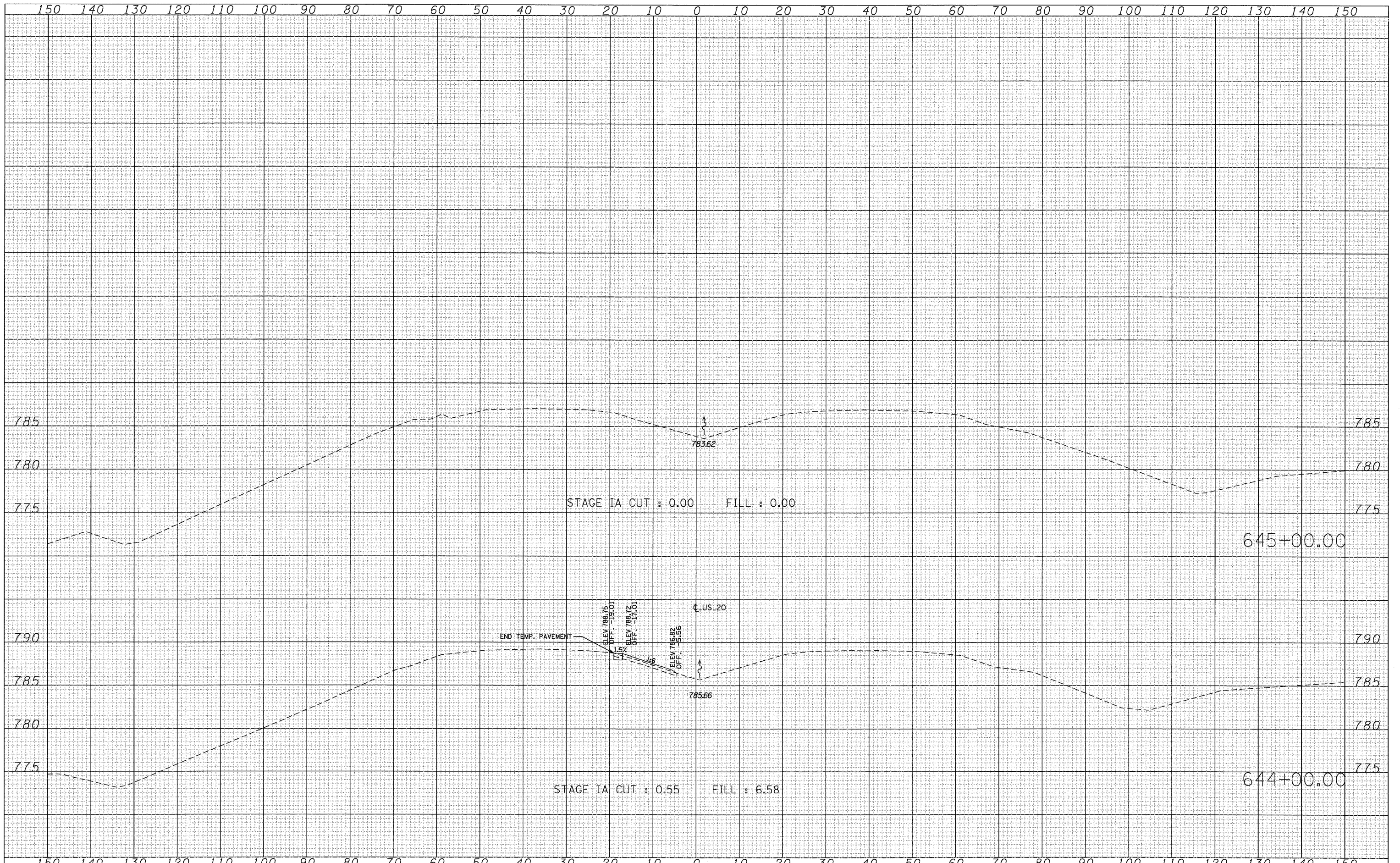
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PLOT DATE = 9/28/11		CHECKED -	REVISED -		STA. 638+00.00 TO STA. 640+00.00	CONTRACT NO. 64860		ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -									

DATE	
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FINAL SURVEY	
NOTE BOOK	
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NOTE BOOK	
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PLOT SCALE = 10.0000' / IN.		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 644+00.00	TO STA. 645+00.00	CONTRACT NO. 64860	
PLOT DATE = 9/28/11		CHECKED -	REVISED -								ILLINOIS FED. AID PROJECT	
		DATE -	REVISED -									

EROSION CONTROL SCHEDULE:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
2. INSTALL PERIMETER EROSION BARRIER.
3. BEGIN CLEARING AND GRUBBING FOR CONSTRUCTION OF DITCHES AND OTHER DRAINAGE FEATURES.
4. BEGIN TEMPORARY SEEDING ON ALL ERODABLE/BARE AREAS EVERY SEVEN DAYS.
5. CONSTRUCT DITCHES, SEDIMENT BASINS, AND PLACE TEMPORARY DITCH CHECKS.
6. TOPSOIL REMOVAL AND STOCKPILING OF TOPSOIL.
7. BEGIN EXCAVATION, STOCKPILING OF SUITABLE FILL AND ROCK EXCAVATION.
8. STABILIZE DENUDED AREAS AND STOCKPILES WITHIN 14 DAYS OF LAST CONSTRUCTION ACTIVITY IN THAT AREA.
9. BEGIN CONSTRUCTION OF ROADWAY EMBANKMENTS.
10. INSTALL STORM SEWERS, AGGREGATE DRAINS. PLACE TEMPORARY INLET PROTECTION.
11. COMPLETE PAVING AND INSTALL PERMANENT SEEDING AND PLANTINGS.
12. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND SITE IS STABILIZED, REMOVE PERIMETER EROSION BARRIER, SEDIMENT BASINS, AND TEMPORARY DITCH CHECKS AND ANY ACCUMULATED SEDIMENT. RESEED ANY AREAS DISTURBED BY THEIR REMOVAL. REMOVE TEMPORARY INLET PROTECTION.

EROSION CONTROL NOTES:

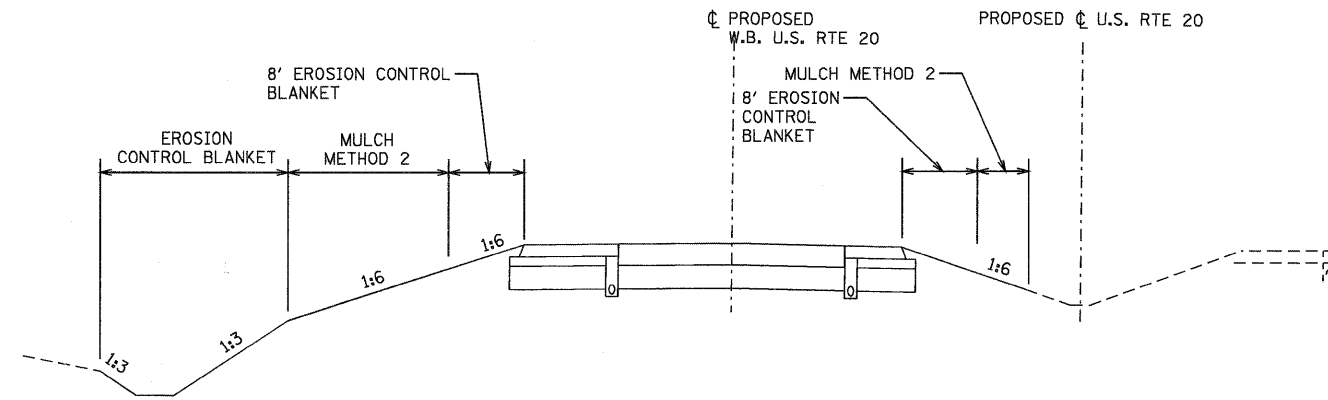
1. EROSION CONTROL MEASURES AS INDICATED IN THE EROSION CONTROL PLAN, AND AS DIRECTED BY THE ENGINEER SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CAUSE ERODIBLE CONDITIONS.
2. THE CONTRACTOR SHALL COORDINATE WORK SO THAT NO MORE THAN A TOTAL OF 10 ACRES IS DISTURBED AT A TIME. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
3. TEMPORARY SEEDING OF ALL ERODABLE/BARE AREAS SHALL BE CONDUCTED EVERY SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREA WITHIN CONTRACT LIMITS.
4. THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE ENGINEER DURING THE LIFE OF THE CONTRACT.
5. RIPRAP AT PIPE OUTLETS SHALL BE PLACED SO THAT THE TOP OF THE RIPRAP IS FLUSH WITH THE DITCH BOTTOM.
6. WHEN FINAL GRADING HAS BEEN ACHIEVED AN 8' (MIN) STRIP OF EROSION CONTROL BLANKET WILL BE INSTALLED NEXT TO SHOULDERS. A 10' (MIN) STRIP OF EROSION CONTROL WILL BE INSTALLED IN PROPOSED DITCH BOTTOMS. EROSION CONTROL BLANKET WILL ALSO BE INSTALLED IN ALL AREAS WITH A 1:4 OR GREATER SLOPE. IN ALL OTHER AREAS MULCH METHOD 2 WILL BE USED. ADDITIONAL APPLICATIONS OF MULCH METHOD 2 MAY BE USED FOR TEMPORARY SOIL STABILIZATION PRIOR TO FINAL GRADING AND FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.
7. WHEN FINAL GRADING HAS BEEN ACHIEVED, PERMANENT SEEDING WILL BE INSTALLED. PERMANENT SEEDING WILL CONSIST OF:
 - CLASS 2A SEEDING SHALL BE USED ON FRONT SLOPES AND DITCH BOTTOMS.
 - CLASS 4 SEEDING 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.
8. CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE STORMWATER POLLUTION AND PREVENTION PLAN (SWPPP).

EROSION CONTROL LEGEND

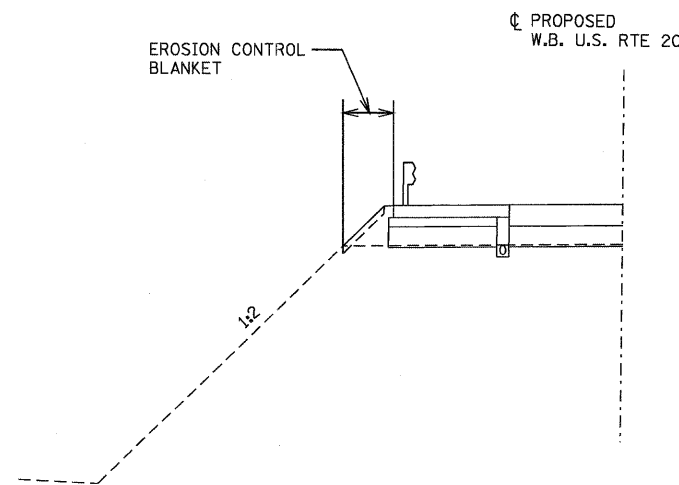
- TEMPORARY DITCH CHECK
- SEDIMENT BASIN
- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER
- TREE REMOVAL
- PROPOSED RIPRAP, CLASS A4
- EXISTING RIPRAP
- EXISTING WETLAND

PERMANENT SEEDING LEGEND

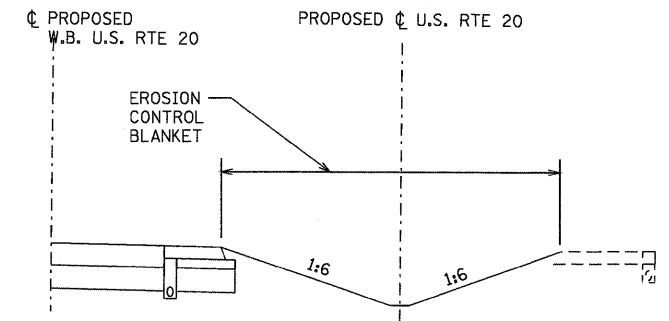
- CLASS 2A
- CLASS 4 SEEDING



EROSION CONTROL BLANKET AND MULCH
TYPICAL SECTION - US 20 MAINLINE



EROSION CONTROL BLANKET
TYPICAL HIGH FILL SECTION - US 20 MAINLINE
STA. 544+38.20 TO STA. 576+00



EROSION CONTROL BLANKET
TYPICAL MEDIAN DITCH CONSTRUCTION SECTION - US 20 MAINLINE
STA. 474+21 TO STA. 476+66
STA. 528+60 TO STA. 529+40
STA. 632+00 TO STA. 639+91

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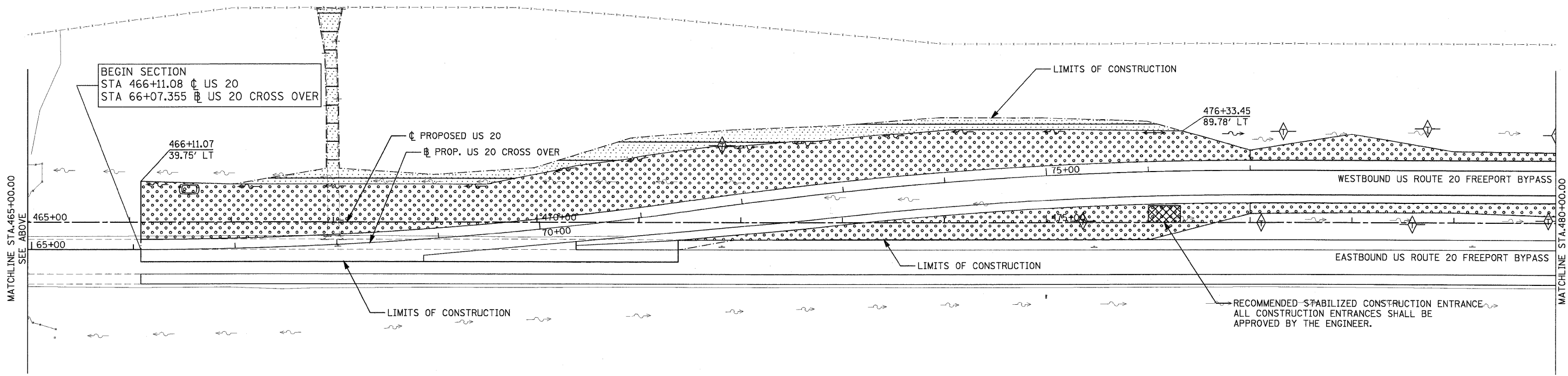
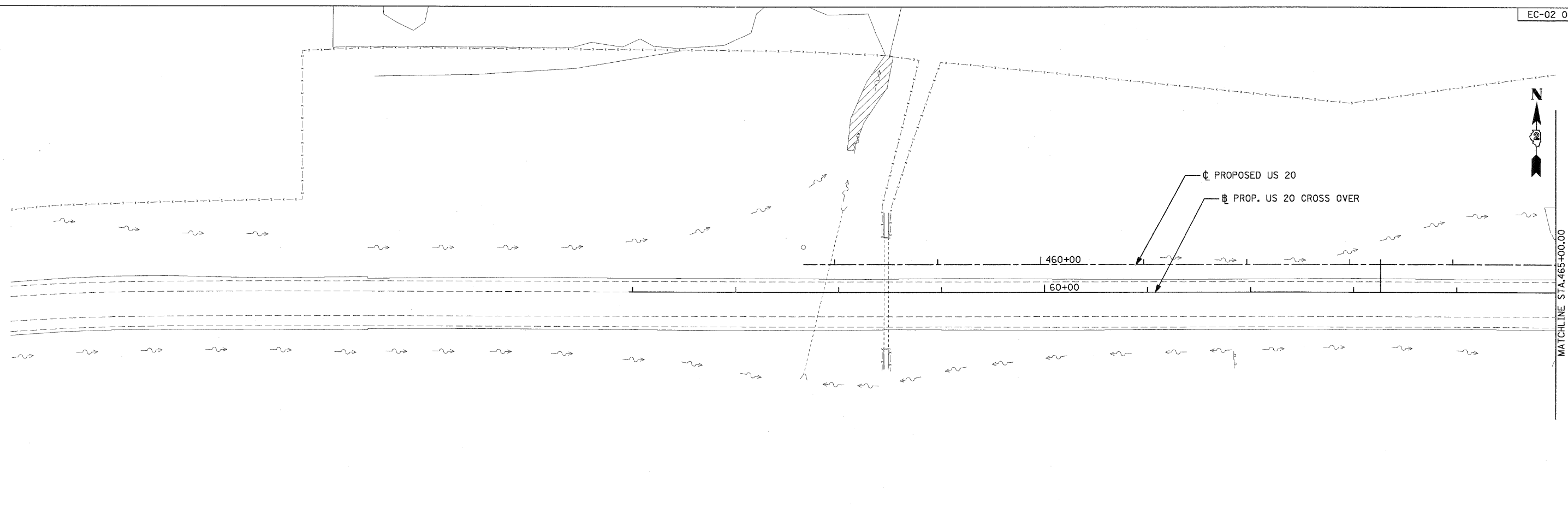
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	DATE - #CH DATE#	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLANS
NOTES AND DETAILS - U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 1 OF 8 SHEETS STA. TO STA.

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 73
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				



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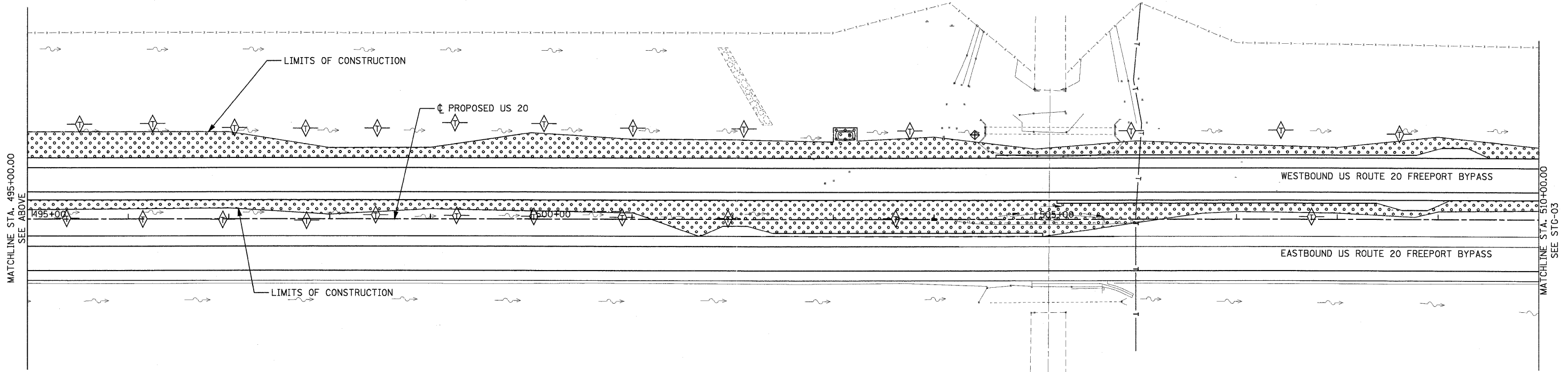
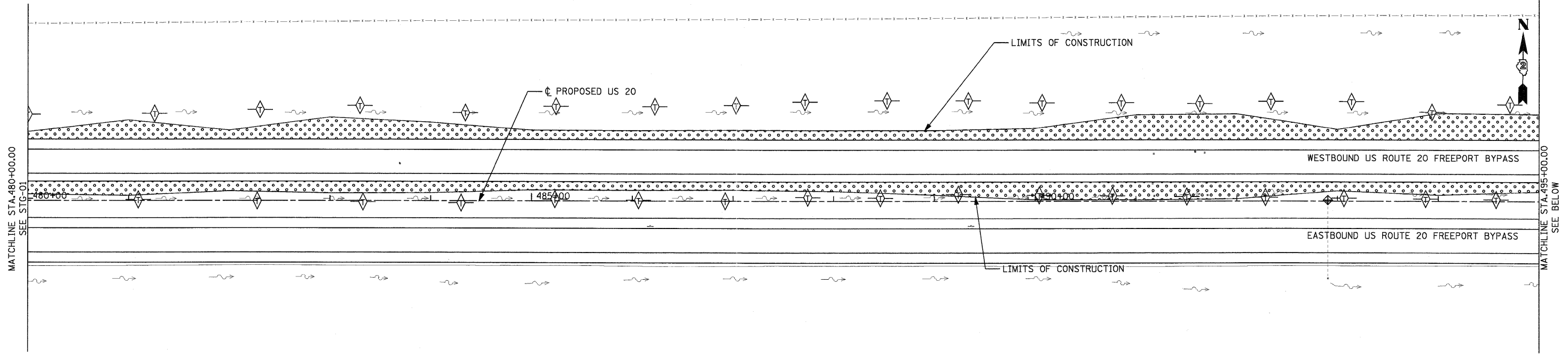
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	DATE - \$CH DATE\$	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS
 U.S. ROUTE 20**

SCALE: 1"=50' SHEET NO. 2 OF 8 SHEETS STA. 457+30.00 TO STA. 480+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	74
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



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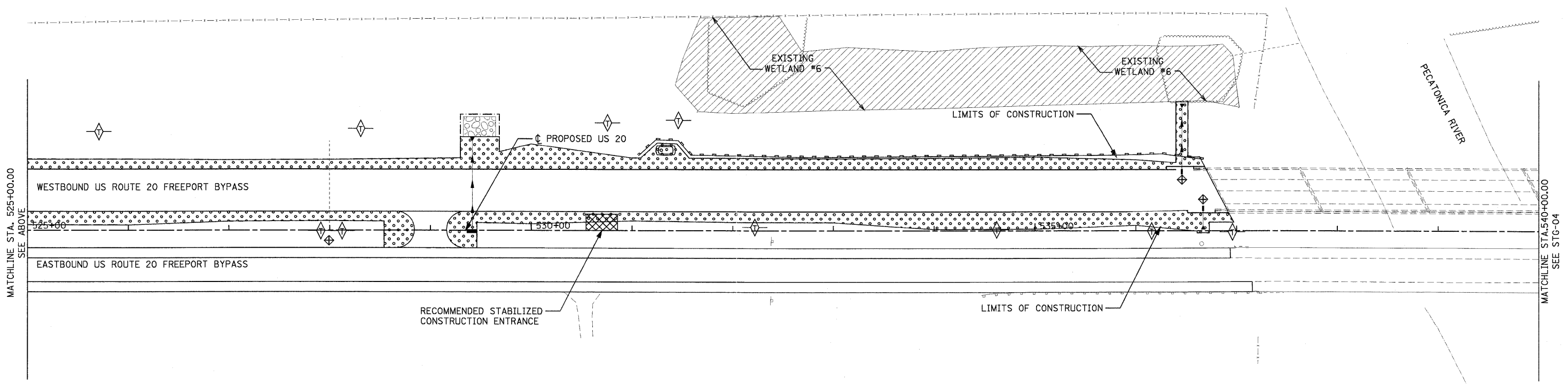
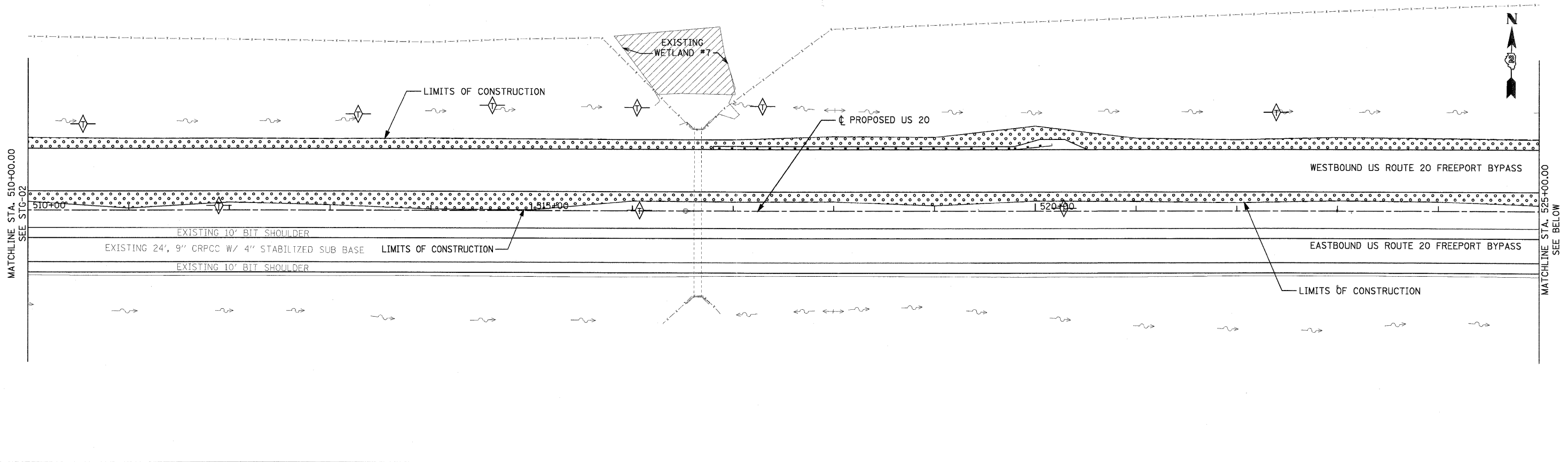
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLANS
 U.S. ROUTE 20

SCALE: 1" = 50' SHEET NO. 3 OF 8 SHEETS STA. 480+00.00 TO STA. 510+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	75
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				



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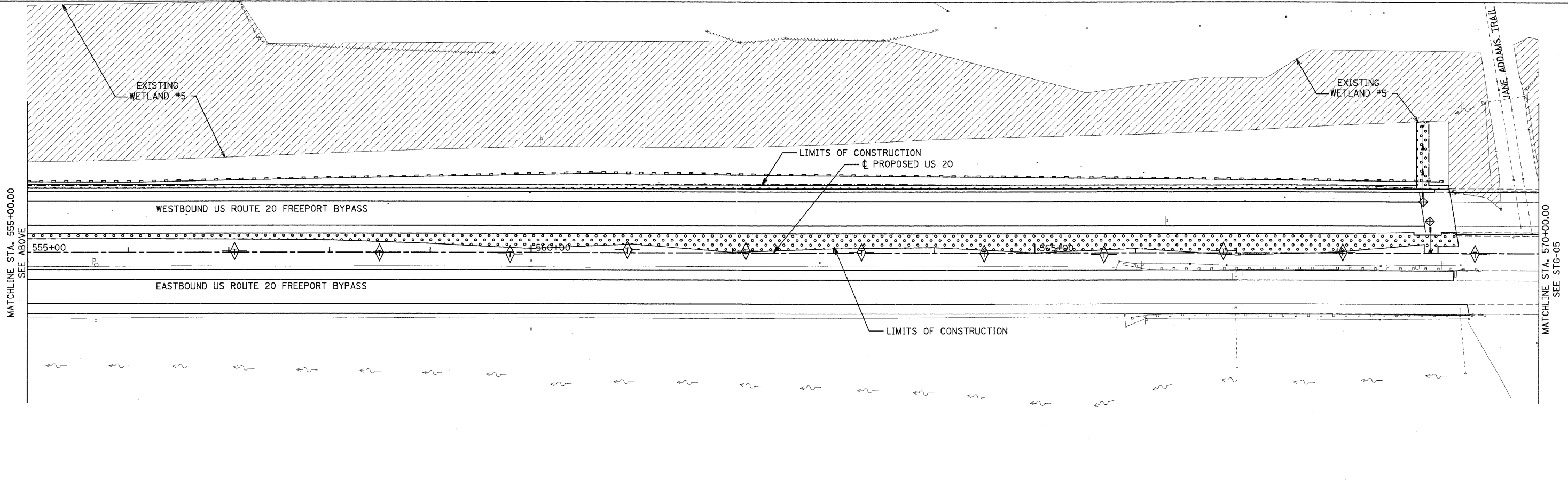
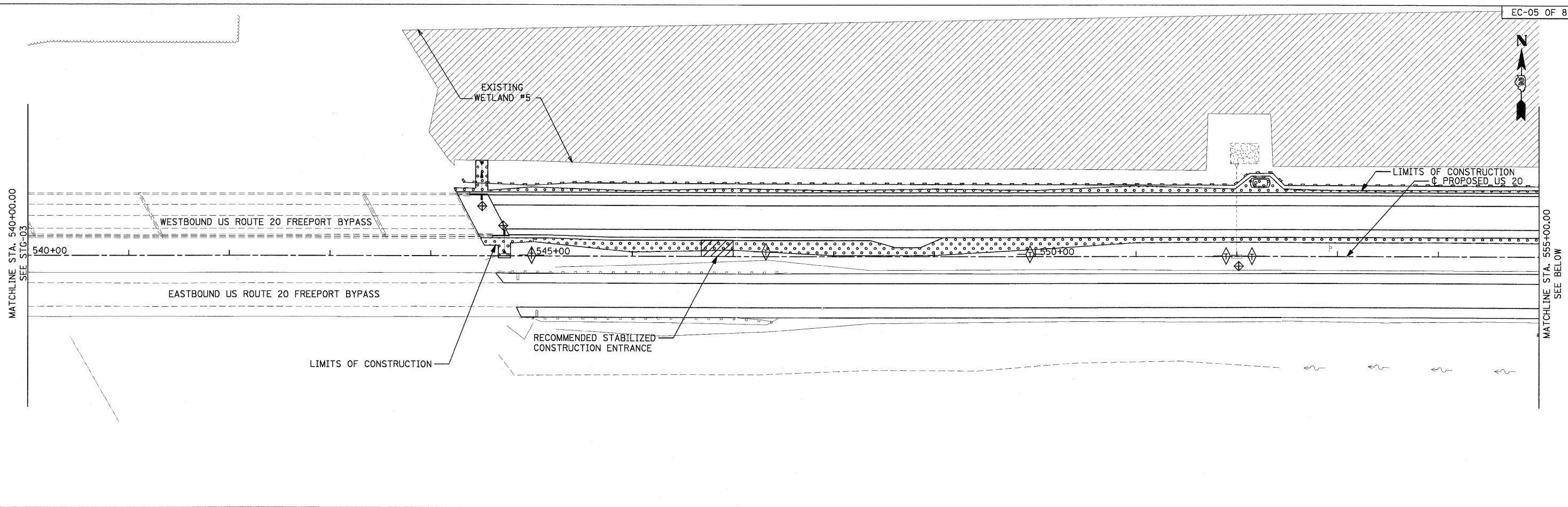
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	DATE - #CH DATE#	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLANS
 U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 4 OF 8 SHEETS STA. 510+00.00 TO STA. 540+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	76
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



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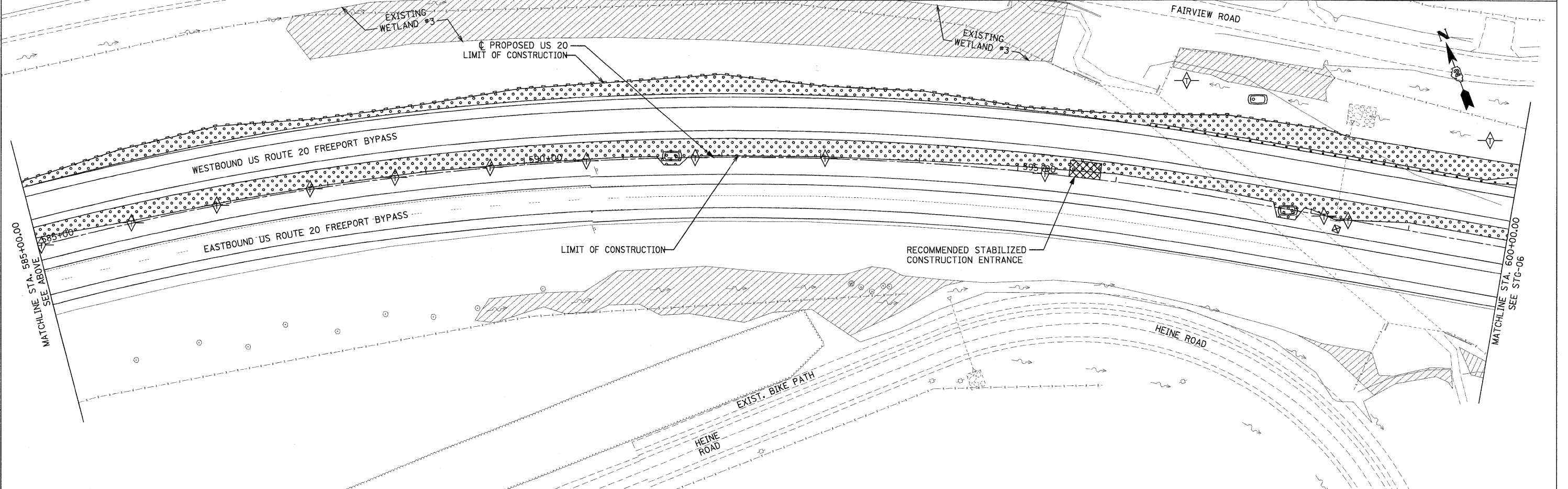
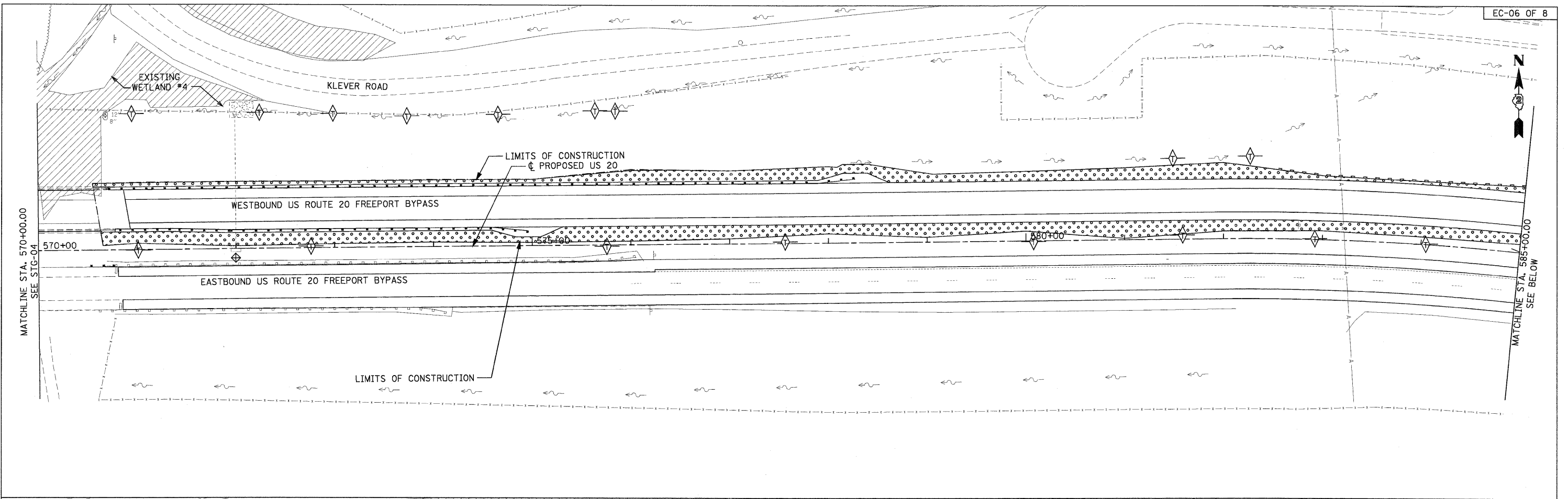
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PLOT DATE = 9/28/11		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLANS
 U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 5 OF 8 SHEETS STA. 540+00.00 TO STA. 570+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	77
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				



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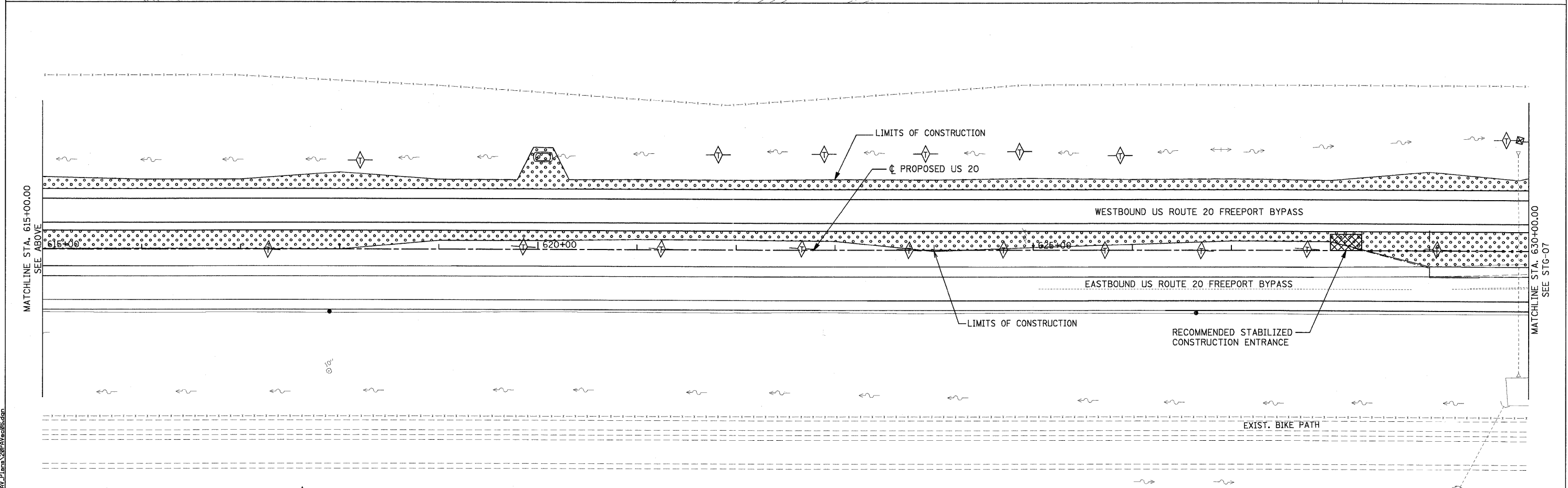
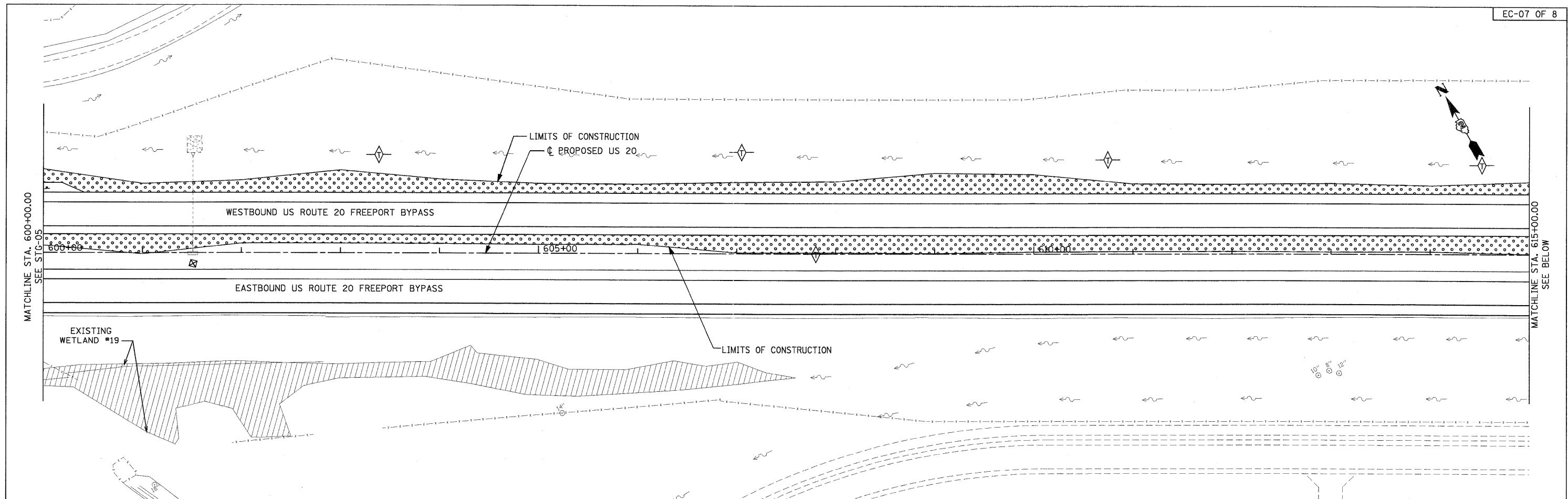
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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - #CH DATE#	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS
 U.S. ROUTE 20**

SCALE: 1"=50' SHEET NO. 6 OF 8 SHEETS STA. 570+00.00 TO STA. 600+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	78
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				



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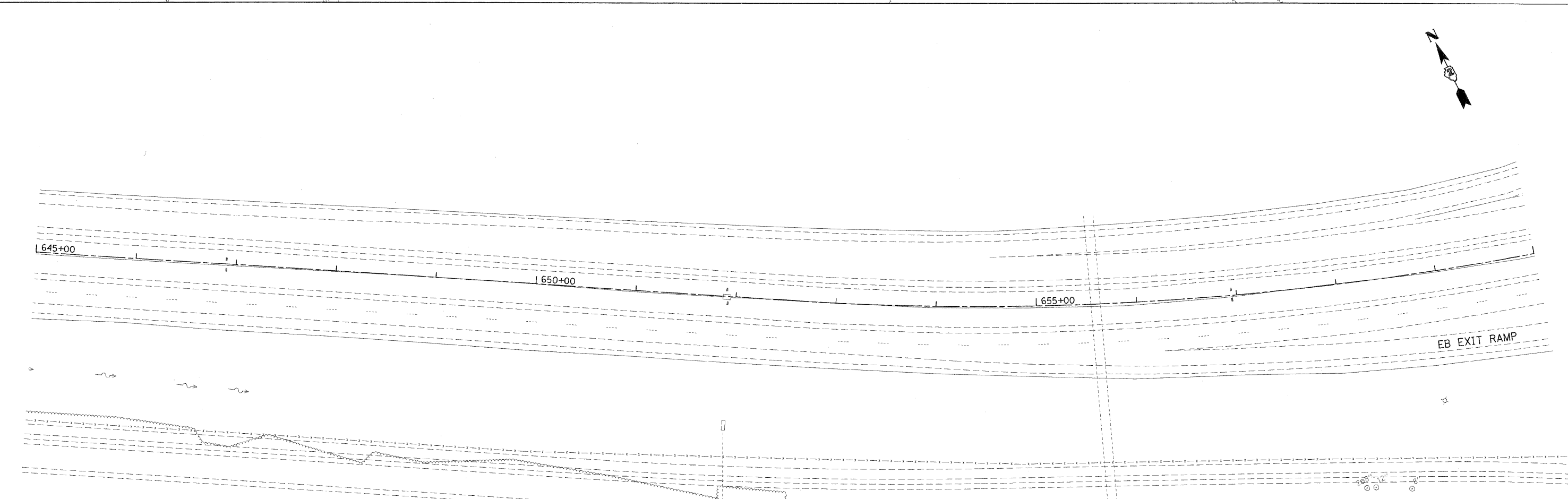
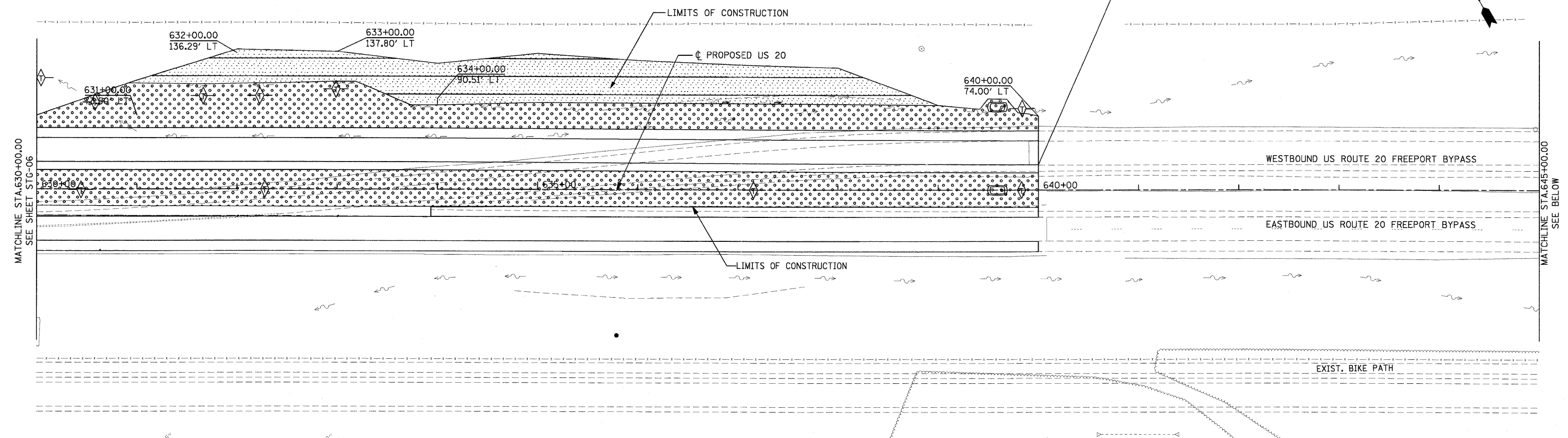
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLANS
 U.S. ROUTE 20**

SCALE: 1"=50' SHEET NO. 7 OF 8 SHEETS STA. 600+00.00 TO STA. 630+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	79
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

END SECTION
STA 640+00.00 \pm US 20



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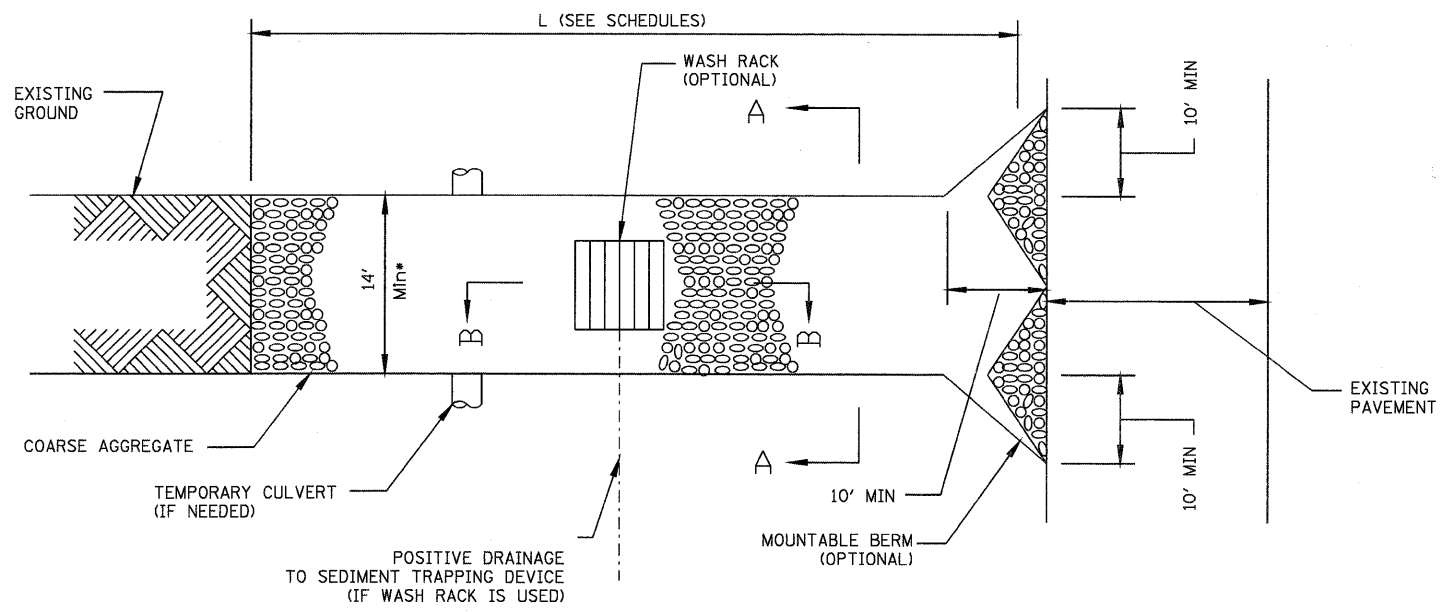
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL PLANS
U.S. ROUTE 20

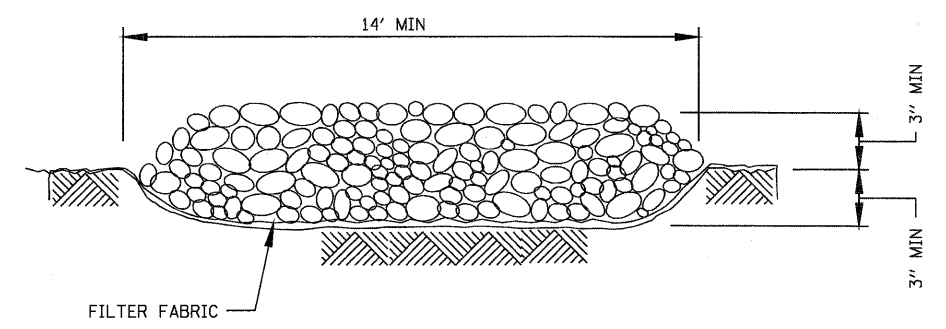
SCALE: 1"=50' SHEET NO. 8 OF 8 SHEETS STA. 630+00.00 TO STA. 660+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	80
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

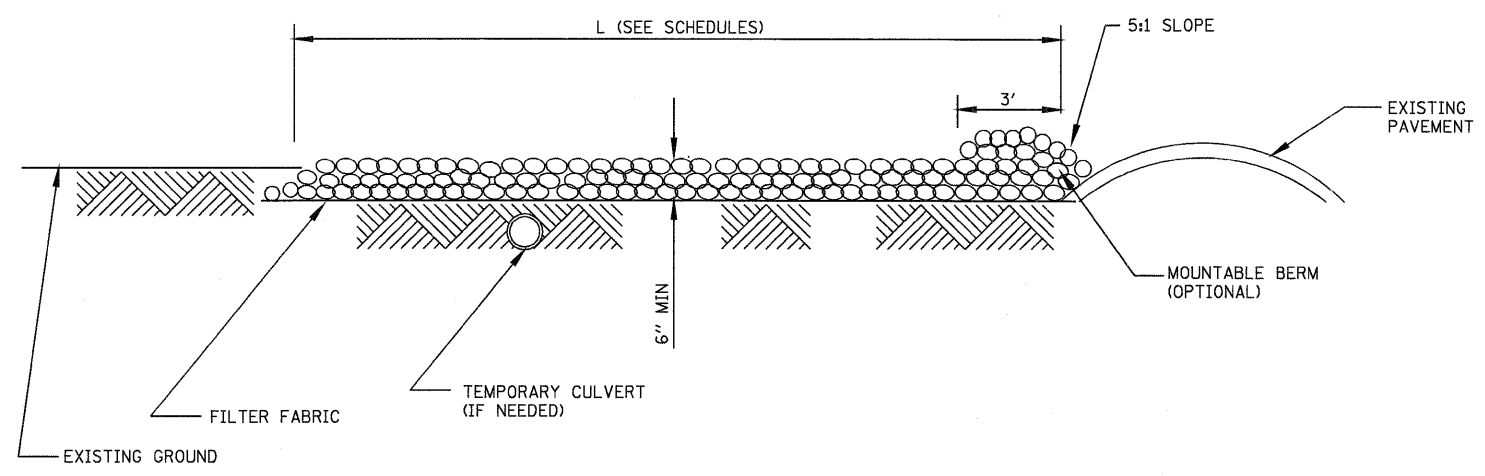


* MUST EXTEND FULL WIDTH OF INGRESS AND EGRESS OPERATION

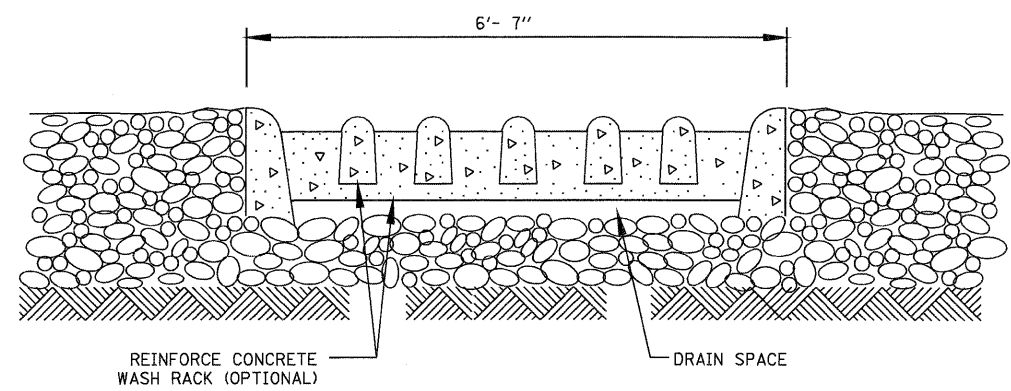
PLAN VIEW



SECTION A-A



SIDE ELEVATION



SECTION B-B

STABILIZED CONSTRUCTION ENTRANCE DETAIL
 FOR LOCATIONS SEE EROSION AND SEDIMENT CONTROL PLANS.
 FOR DIMENSIONS SEE SCHEDULES.

- NOTES:
1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF IDOT MATERIAL SPECIFICATION 1080.03 AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
 2. COARSE AGGREGATE SHALL BE IDOT TYPE B AND SHALL BE IDOT GRADATION CA-1, CA-2, CA-3 OR CA-4. IT WILL BE PLACED ACCORDING TO IDOT SPECIFICATION 351.
 3. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 4. IF WASH RACKS ARE USED THEY SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STABILIZED CONSTRUCTION ENTRANCE DETAIL
 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	81
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				

U.S. ROUTE 20 CURVE C201

U.S. ROUTE 20 CURVE C201 (CONTINUED)

STATION	DISTANCE FROM NORMAL CROWN	LEFT E.O.S.		LEFT E.O.P.		CENTERLINE ELEVATION (FT)	RIGHT E.O.P. (PGL)		RIGHT E.O.S.	
		CROSS SLOPE (%)	ELEVATION (FT)	CROSS SLOPE (%)	ELEVATION (FT)		CROSS SLOPE (%)	ELEVATION (FT)	CROSS SLOPE (%)	ELEVATION (FT)
580+02.79	0.00	-4.00	795.72	-1.50	796.12	796.30	1.50	796.12	-4.00	795.80
580+25.00	22.21	-4.00	795.57	-0.89	795.97	796.08	1.50	795.90	-4.00	795.58
580+50.00	47.21	-4.00	795.40	-0.20	795.80	795.82	1.50	795.64	-4.00	795.32
580+57.79	55.00	-4.00	795.34	0.01	795.74	795.74	1.50	795.56	-4.00	795.24
580+75.00	72.21	-4.00	795.21	0.48	795.61	795.55	1.50	795.37	-4.00	795.05
581+00.00	97.21	-4.00	795.00	1.17	795.40	795.26	1.50	795.08	-4.00	794.76
581+12.31	109.52	-4.00	794.89	1.51	795.29	795.11	1.50	794.93	-4.00	794.61
581+25.00	122.21	-4.00	794.81	1.85	795.21	794.99	1.85	794.77	-4.00	794.45
581+50.00	147.21	-4.00	794.67	2.54	795.07	794.76	2.54	794.46	-4.00	794.14
581+75.00	172.21	-4.00	794.49	3.23	794.89	794.51	3.22	794.12	-4.00	793.80
581+91.12	188.33	-4.00	794.38	3.67	794.78	794.34	3.67	793.90	-4.00	793.58
582+00.00	197.21	-4.00	794.31	3.91	794.71	794.24	3.91	793.77	-4.00	793.45
582+25.00	222.21	-3.40	794.17	4.60	794.51	793.96	4.60	793.41	-4.60	793.04
582+50.00	247.21	-2.71	794.03	5.29	794.30	793.66	5.29	793.03	-5.29	792.61
582+57.79	255.00	-2.50	793.98	5.50	794.23	793.57	5.50	792.91	-5.50	792.47
582+75.00		-2.50	793.70	5.50	793.95	793.29	5.50	792.63	-5.50	792.19
583+00.00		-2.50	793.29	5.50	793.54	792.88	5.50	792.22	-5.50	791.78
583+25.00		-2.50	792.86	5.50	793.11	792.45	5.50	791.79	-5.50	791.35
583+50.00		-2.50	792.42	5.50	792.67	792.01	5.50	791.35	-5.50	790.91
583+75.00		-2.50	791.96	5.50	792.21	791.55	5.50	790.89	-5.50	790.45
584+00.00		-2.50	791.49	5.50	791.74	791.08	5.50	790.42	-5.50	789.98
584+25.00		-2.50	791.00	5.50	791.25	790.59	5.50	789.93	-5.50	789.49
584+50.00		-2.50	790.49	5.50	790.74	790.08	5.50	789.42	-5.50	788.98
584+75.00		-2.50	789.97	5.50	790.22	789.56	5.50	788.90	-5.50	788.46
585+00.00		-2.50	789.44	5.50	789.69	789.03	5.50	788.37	-5.50	787.93
585+25.00		-2.50	788.91	5.50	789.16	788.50	5.50	787.84	-5.50	787.40
585+50.00		-2.50	788.37	5.50	788.62	787.96	5.50	787.30	-5.50	786.86
585+75.00		-2.50	787.84	5.50	788.09	787.43	5.50	786.77	-5.50	786.33
586+00.00		-2.50	787.31	5.50	787.56	786.90	5.50	786.24	-5.50	785.80
586+25.00		-2.50	786.77	5.50	787.02	786.36	5.50	785.70	-5.50	785.26
586+50.00		-2.50	786.24	5.50	786.49	785.83	5.50	785.17	-5.50	784.73
586+75.00		-2.50	785.71	5.50	785.96	785.30	5.50	784.64	-5.50	784.20
587+00.00		-2.50	785.17	5.50	785.42	784.76	5.50	784.10	-5.50	783.66
587+25.00		-2.50	784.64	5.50	784.89	784.23	5.50	783.57	-5.50	783.13
587+50.00		-2.50	784.10	5.50	784.35	783.69	5.50	783.03	-5.50	782.59
587+75.00		-2.50	783.57	5.50	783.82	783.16	5.50	782.50	-5.50	782.06
588+00.00		-2.50	783.04	5.50	783.29	782.63	5.50	781.97	-5.50	781.53
588+25.00		-2.50	782.50	5.50	782.75	782.09	5.50	781.43	-5.50	780.99
588+50.00		-2.50	781.97	5.50	782.22	781.56	5.50	780.90	-5.50	780.46
588+75.00		-2.50	781.44	5.50	781.69	781.03	5.50	780.37	-5.50	779.93
589+00.00		-2.50	780.90	5.50	781.15	780.49	5.50	779.83	-5.50	779.39
589+25.00		-2.50	780.37	5.50	780.62	779.96	5.50	779.30	-5.50	778.86
589+50.00		-2.50	779.83	5.50	780.08	779.42	5.50	778.76	-5.50	778.32

STATION	DISTANCE FROM NORMAL CROWN	LEFT E.O.S.		LEFT E.O.P.		CENTERLINE ELEVATION (FT)	RIGHT E.O.P. (PGL)		RIGHT E.O.S.	
		CROSS SLOPE (%)	ELEVATION (FT)	CROSS SLOPE (%)	ELEVATION (FT)		CROSS SLOPE (%)	ELEVATION (FT)	CROSS SLOPE (%)	ELEVATION (FT)
589+75.00		-2.50	779.30	5.50	779.55	778.89	5.50	778.23	-5.50	777.79
590+00.00		-2.50	778.77	5.50	779.02	778.36	5.50	777.70	-5.50	777.26
590+25.00		-2.50	778.23	5.50	778.48	777.82	5.50	777.16	-5.50	776.72
590+50.00		-2.50	777.70	5.50	777.95	777.29	5.50	776.63	-5.50	776.19
590+75.00		-2.50	777.17	5.50	777.42	776.76	5.50	776.10	-5.50	775.66
591+00.00		-2.50	776.65	5.50	776.90	776.24	5.50	775.58	-5.50	775.14
591+25.00		-2.50	776.15	5.50	776.40	775.74	5.50	775.08	-5.50	774.64
591+50.00		-2.50	775.67	5.50	775.92	775.26	5.50	774.60	-5.50	774.16
591+75.00		-2.50	775.21	5.50	775.46	774.80	5.50	774.14	-5.50	773.70
592+00.00		-2.50	774.78	5.50	775.03	774.37	5.50	773.71	-5.50	773.27
592+25.00		-2.50	774.36	5.50	774.61	773.95	5.50	773.29	-5.50	772.85
592+50.00		-2.50	773.97	5.50	774.22	773.56	5.50	772.90	-5.50	772.46
592+75.00		-2.50	773.60	5.50	773.85	773.19	5.50	772.53	-5.50	772.09
593+00.00		-2.50	773.26	5.50	773.51	772.85	5.50	772.19	-5.50	771.75
593+25.00		-2.50	772.92	5.50	773.17	772.51	5.50	771.85	-5.50	771.41
593+50.00		-2.50	772.61	5.50	772.86	772.20	5.50	771.54	-5.50	771.10
593+75.00		-2.50	772.32	5.50	772.57	771.91	5.50	771.25	-5.50	770.81
594+00.00		-2.50	772.05	5.50	772.30	771.64	5.50	770.98	-5.50	770.54
594+25.00		-2.50	771.80	5.50	772.05	771.39	5.50	770.73	-5.50	770.29
594+50.00		-2.50	771.58	5.50	771.83	771.17	5.50	770.51	-5.50	770.07
594+75.00		-2.50	771.37	5.50	771.62	770.96	5.50	770.30	-5.50	769.86
595+00.00		-2.50	771.19	5.50	771.44	770.78	5.50	770.12	-5.50	769.68
595+25.00		-2.50	771.02	5.50	771.27	770.61	5.50	769.95	-5.50	769.51
595+50.00		-2.50	770.88	5.50	771.13	770.47	5.50	769.81	-5.50	769.37
595+75.00		-2.50	770.76	5.50	771.01	770.35	5.50	769.69	-5.50	769.25
596+00.00		-2.50	770.66	5.50	770.91	770.25	5.50	769.59	-5.50	769.15
596+25.00		-2.50	770.58	5.50	770.83	770.17	5.50	769.51	-5.50	769.07
596+34.24	255.00	-2.50	770.56	5.50	770.81	770.15	5.50	769.49	-5.50	769.05
596+50.00	239.24	-2.93	770.37	5.07	770.67	770.06	5.07	769.45	-5.07	769.04
596+75.00	214.24	-3.62	770.11	4.38	770.47	769.95	4.38	769.42	-4.38	769.07
597+00.00	189.24	-4.00	769.89	3.69	770.29	769.84	3.69	769.40	-4.00	769.08
597+25.00	164.24	-4.00	769.72	3.01	770.12	769.76	3.00	769.40	-4.00	769.08
597+50.00	139.24	-4.00	769.59	2.32	769.99	769.71	2.32	769.43	-4.00	769.11
597+75.00	114.24	-4.00	769.46	1.64	769.86	769.67	1.63	769.47	-4.00	769.15
597+79.69	109.55	-4.00	769.44	1.51	769.84	769.66	1.50	769.48	-4.00	769.16
598+00.00	89.24	-4.00	769.42	0.95	769.82	769.71	1.50	769.53	-4.00	769.21
598+25.00	64.24	-4.00	769.39	0.26	769.79	769.76	1.50	769.58	-4.00	769.26
598+34.24	55.00	-4.00	769.38	0.01	769.78	769.78	1.50	769.60	-4.00	769.28
598+50.00	39.24	-4.00	769.36	-0.42	769.76	769.81	1.50	769.63	-4.00	769.31
598+75.00	14.24	-4.00	769.33	-1.11	769.73	769.86	1.50	769.68	-4.00	769.36
598+89.24	0.00	-4.00	769.31	-1.50	769.71	769.89	1.50	769.71	-4.00	769.39

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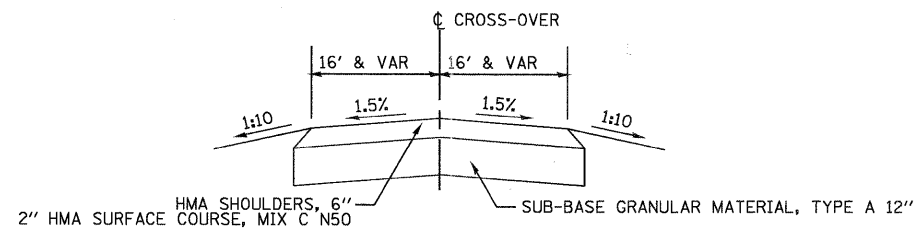
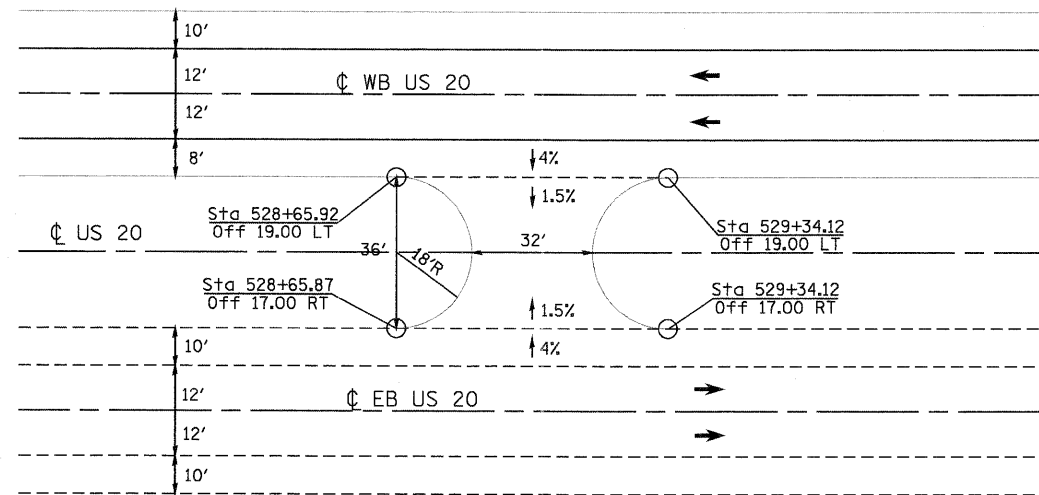
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	DRAWN -	REVISED -
PLOT SCALE = 20.00' / IN.	CHECKED -	REVISED -
PLOT DATE = 9/28/11	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUPERELEVATION DETAILS
U.S. ROUTE 20 CURVE C201

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 580+02.79 TO STA. 598+89.24

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	82
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



MAINTENANCE CROSSOVER
STA. 529+00.00

T:\E8\44\44\1\PAV_Plane\28PAVMAINTDE10.dgn

PARSONS BRINCKERHOFF
280 West Monroe St., Suite 900
Chicago, IL 60606, (312) 782-8160

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

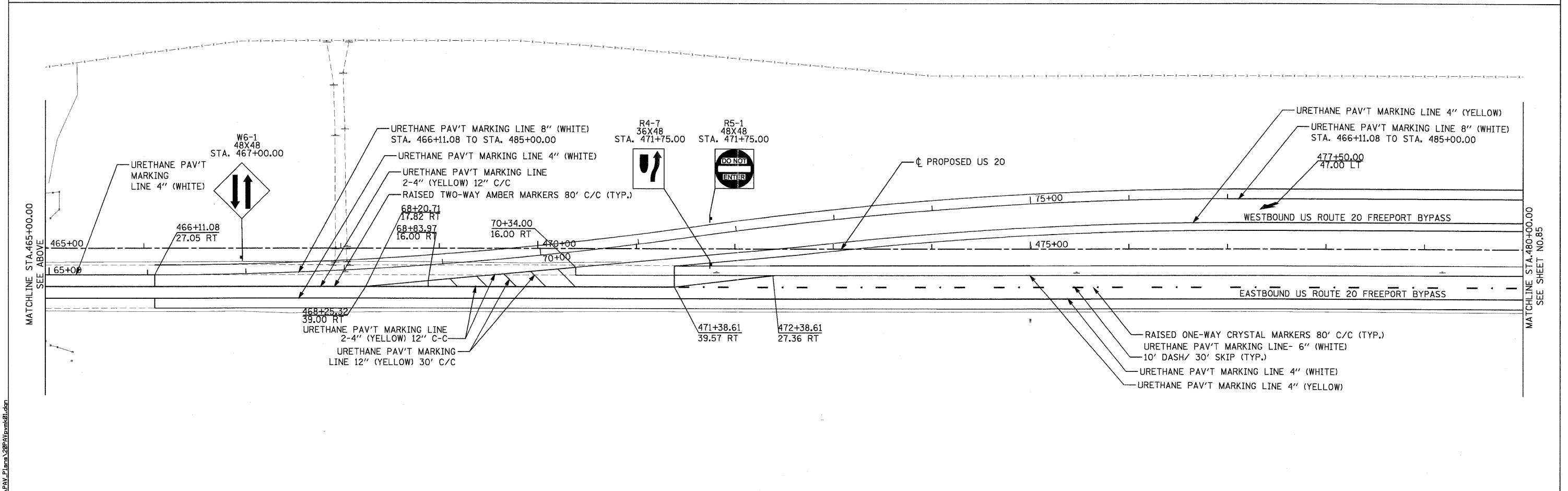
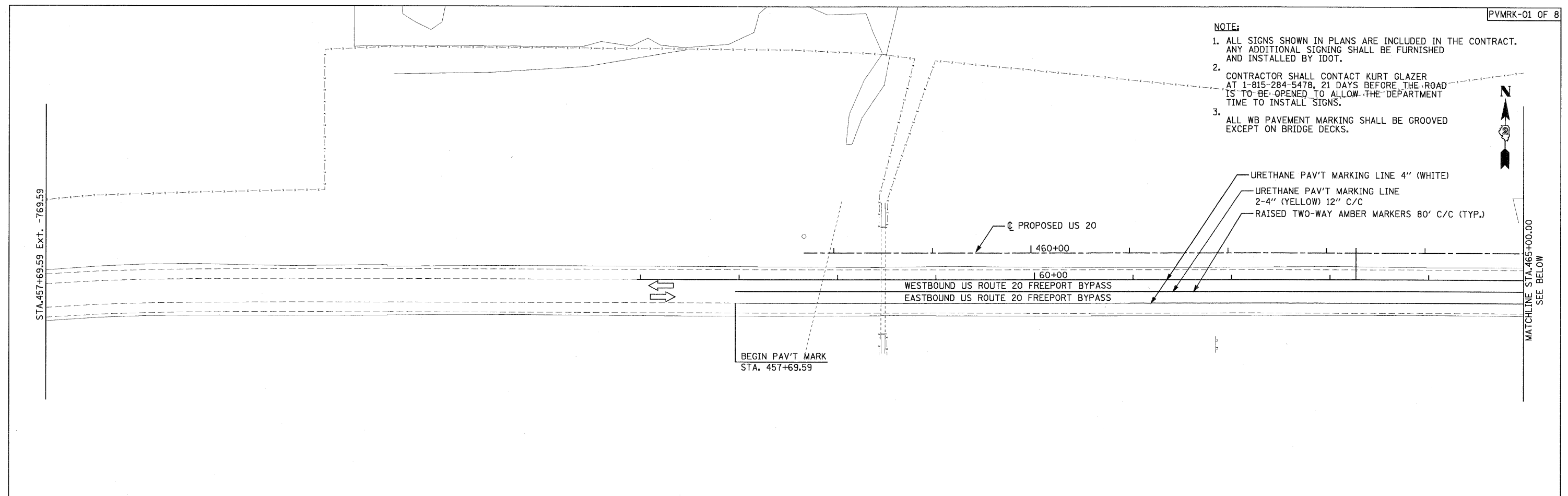
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE CROSSOVER DETAIL

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	83
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

- NOTE:**
1. ALL SIGNS SHOWN IN PLANS ARE INCLUDED IN THE CONTRACT. ANY ADDITIONAL SIGNING SHALL BE FURNISHED AND INSTALLED BY IDOT.
 2. CONTRACTOR SHALL CONTACT KURT GLAZER AT 1-815-284-5478, 21 DAYS BEFORE THE ROAD IS TO BE OPENED TO ALLOW THE DEPARTMENT TIME TO INSTALL SIGNS.
 3. ALL WB PAVEMENT MARKING SHALL BE GROOVED EXCEPT ON BRIDGE DECKS.



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 Chicago, IL 60606, (312) 782-8180

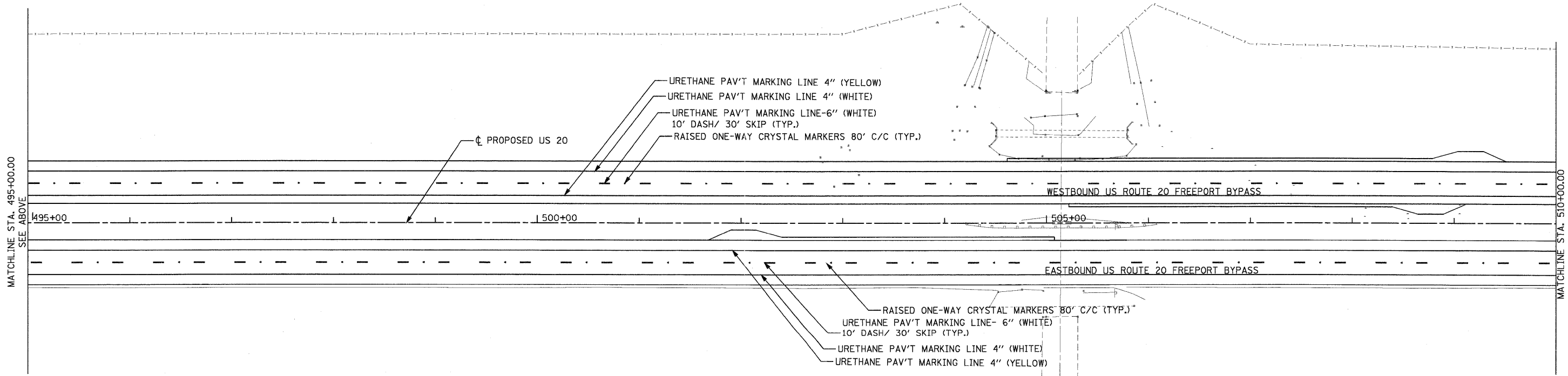
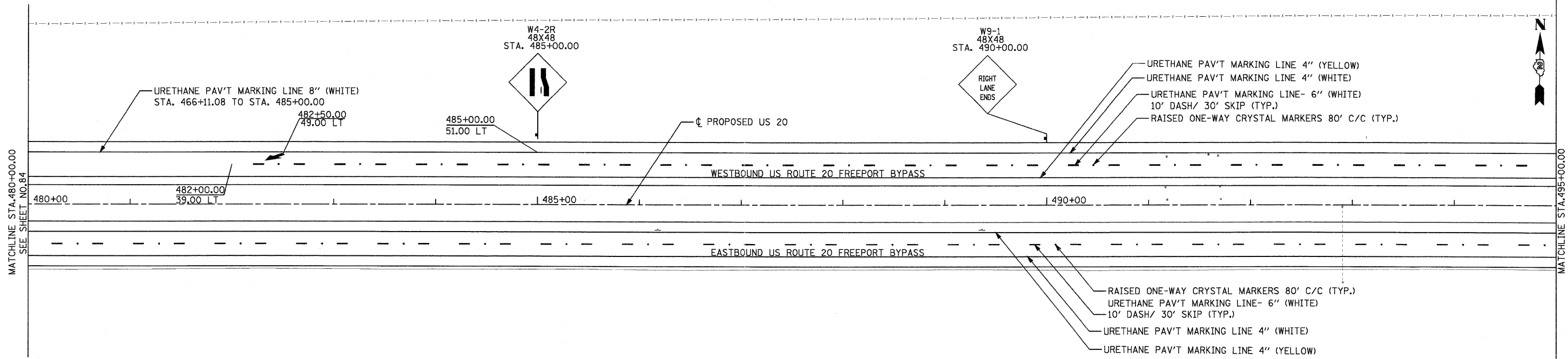
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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - \$CH DATE\$	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING AND PAVEMENT MARKING PLANS
 U.S. ROUTE 20

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	84
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				



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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-6180

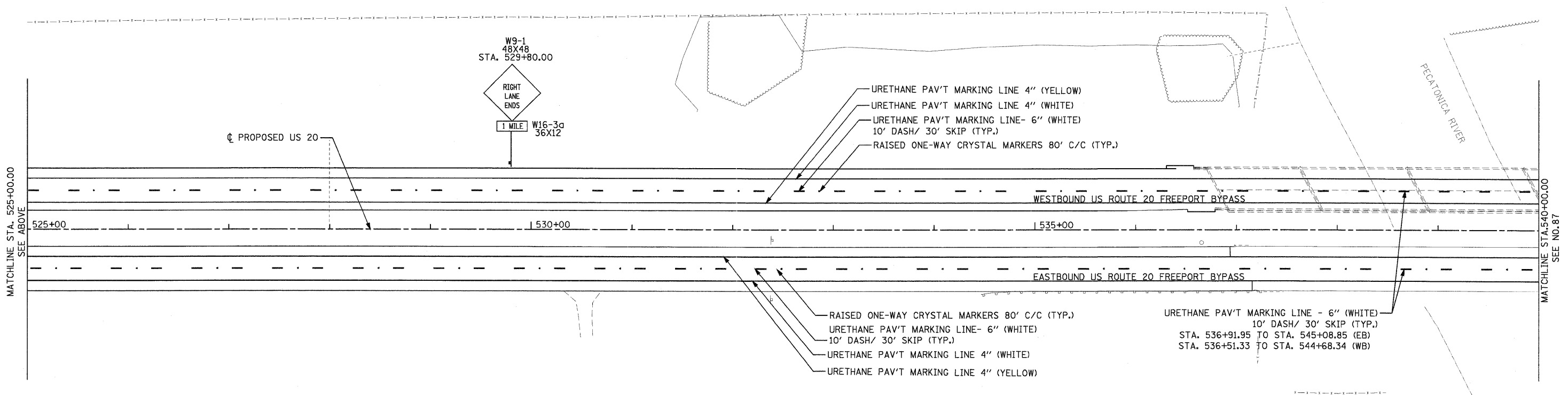
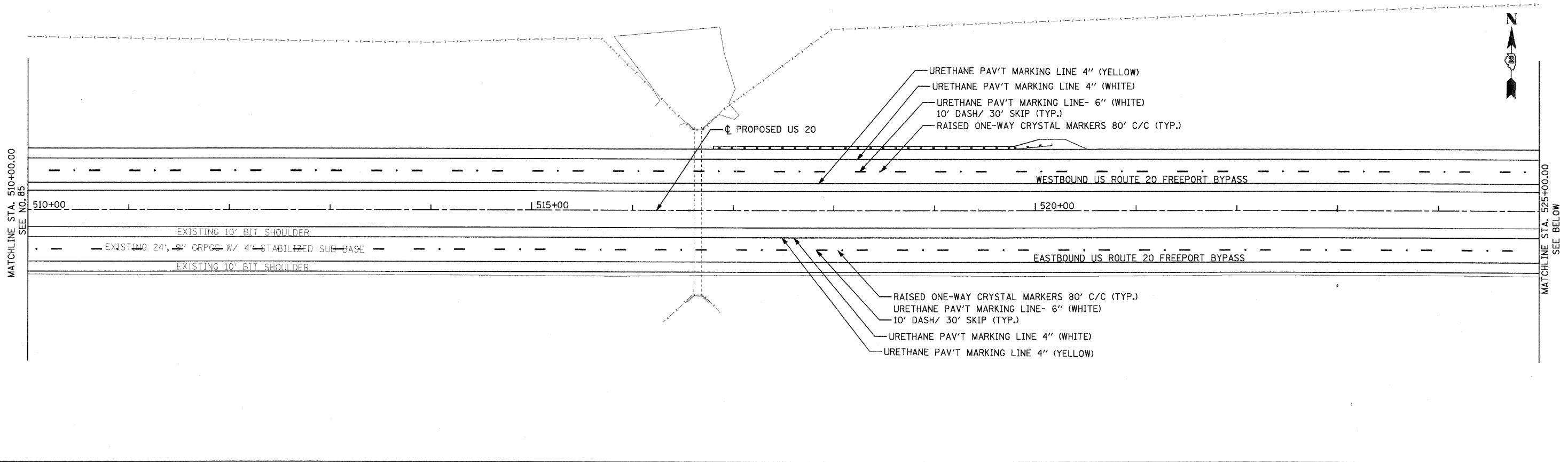
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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - \$CH DATE\$	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING AND PAVEMENT MARKING PLANS
 U.S. ROUTE 20

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	85
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



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

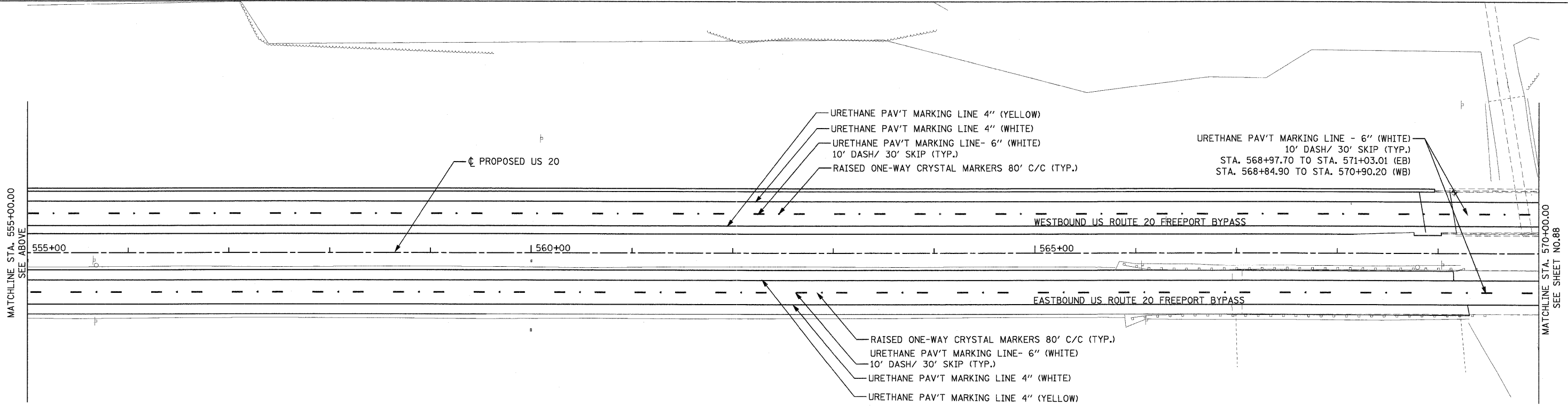
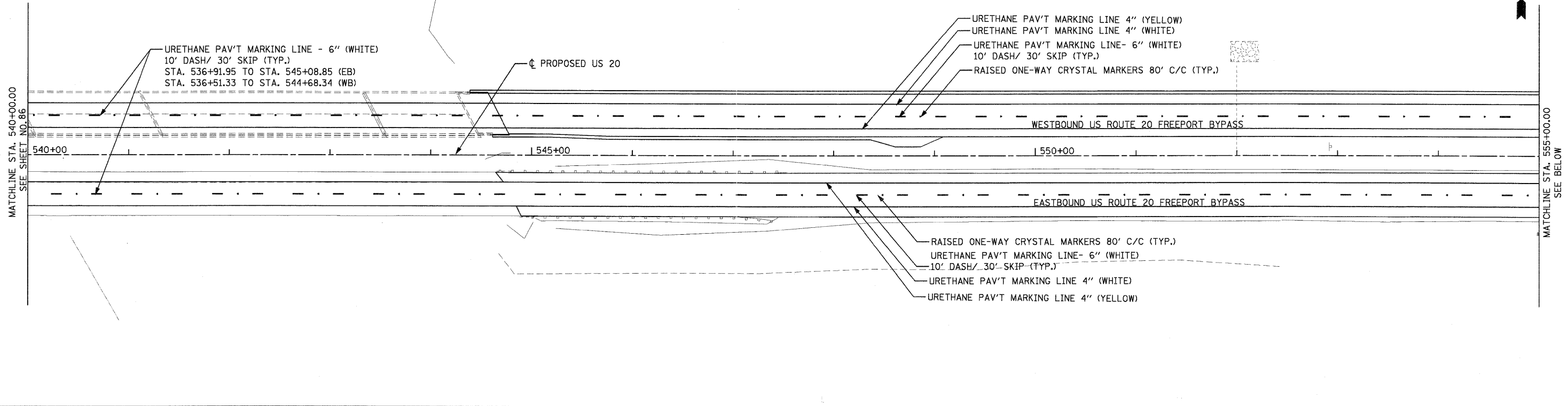
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PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - \$CH DATE\$	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING AND PAVEMENT MARKING PLANS
 U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 3 OF 8 SHEETS STA. 510+00.00 TO STA. 540+00.00

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 86
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				



T:\168144\G04\1\PROJ_Planes\20PVMRK04.dwg

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

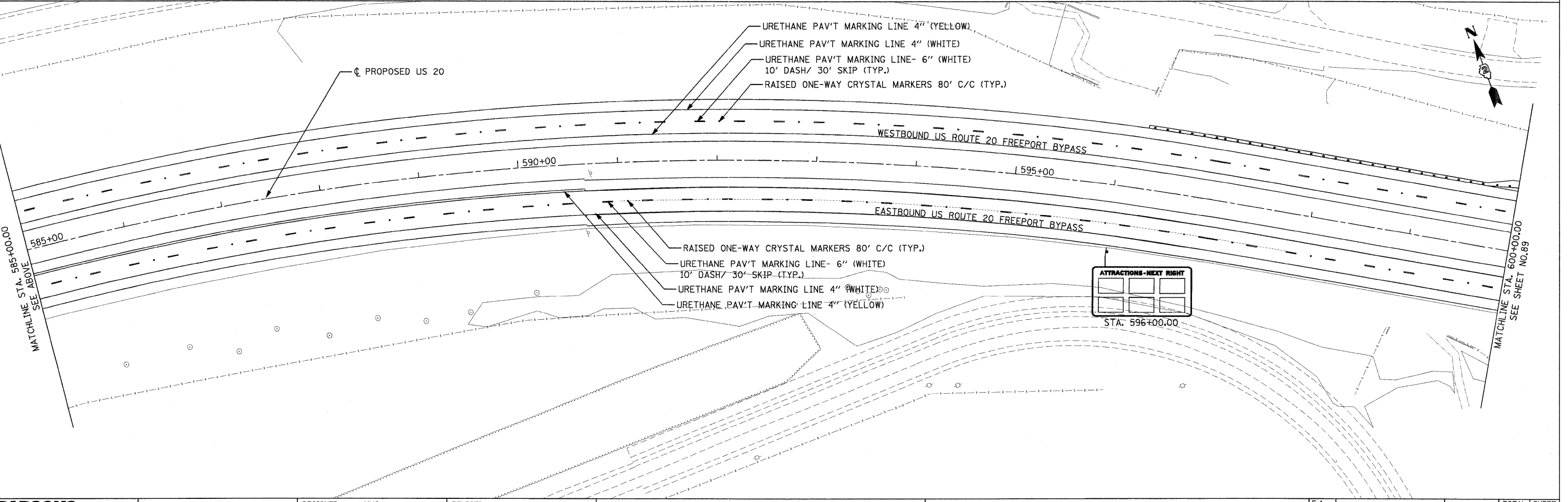
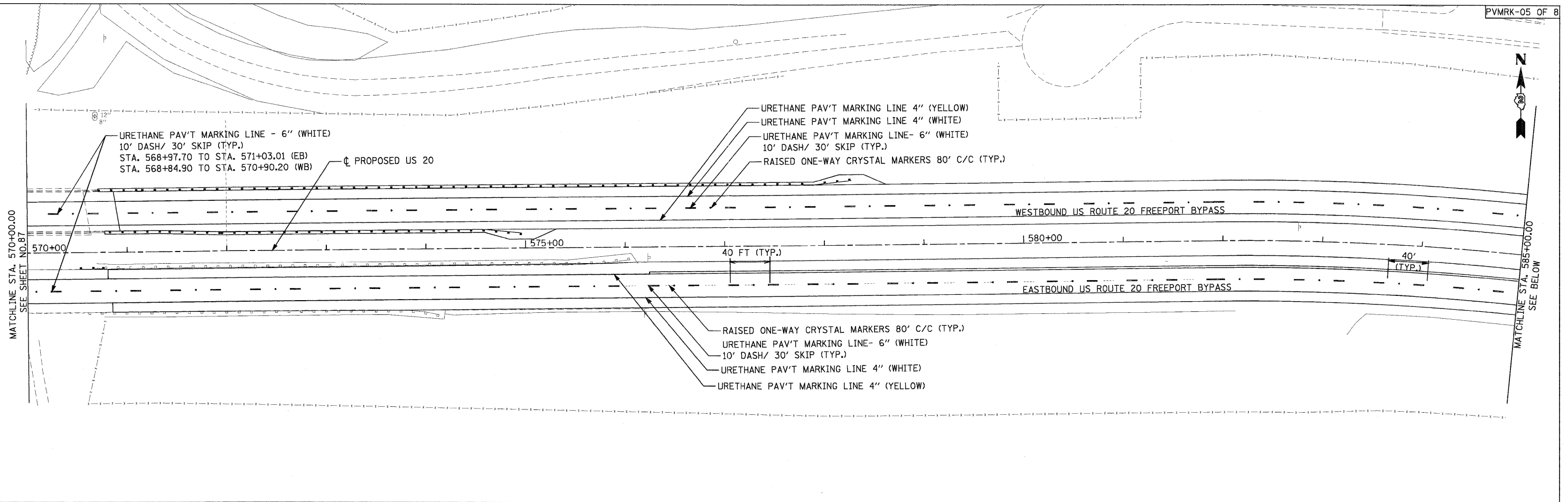
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PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - \$CH DATE\$	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING AND PAVEMENT MARKING PLANS
 U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 4 OF 8 SHEETS STA. 540+00.00 TO STA. 570+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	87
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



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PARSONS BRINCKERHOFF
 280 West Monroe St., Suite 900
 Chicago, IL 60606, (312) 782-8160

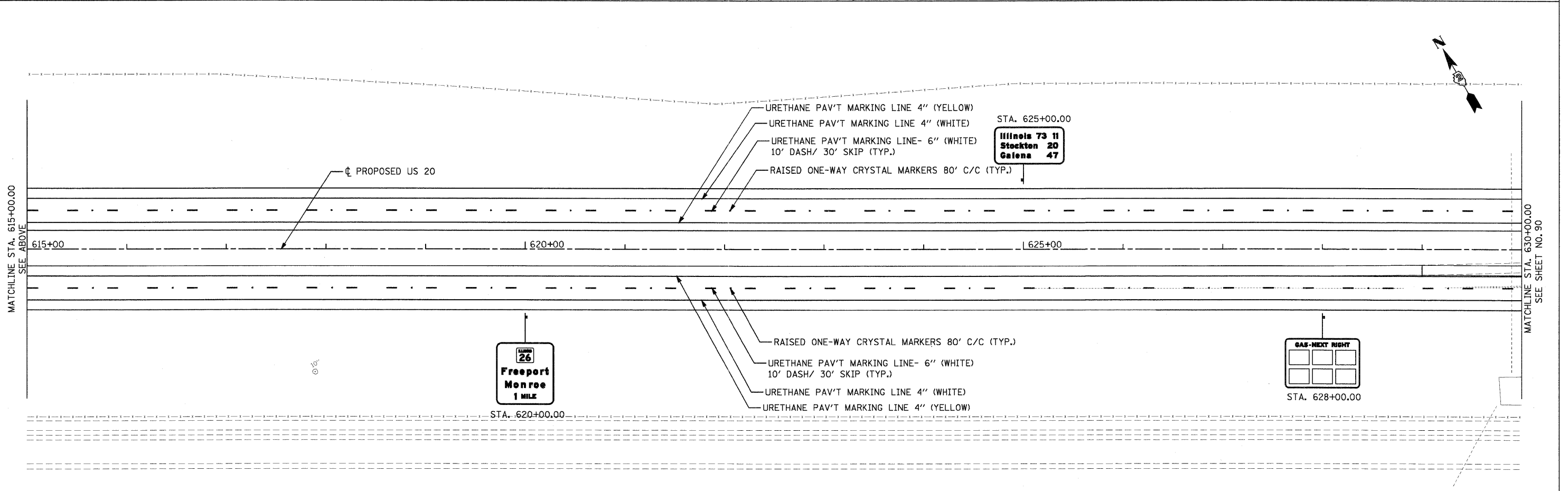
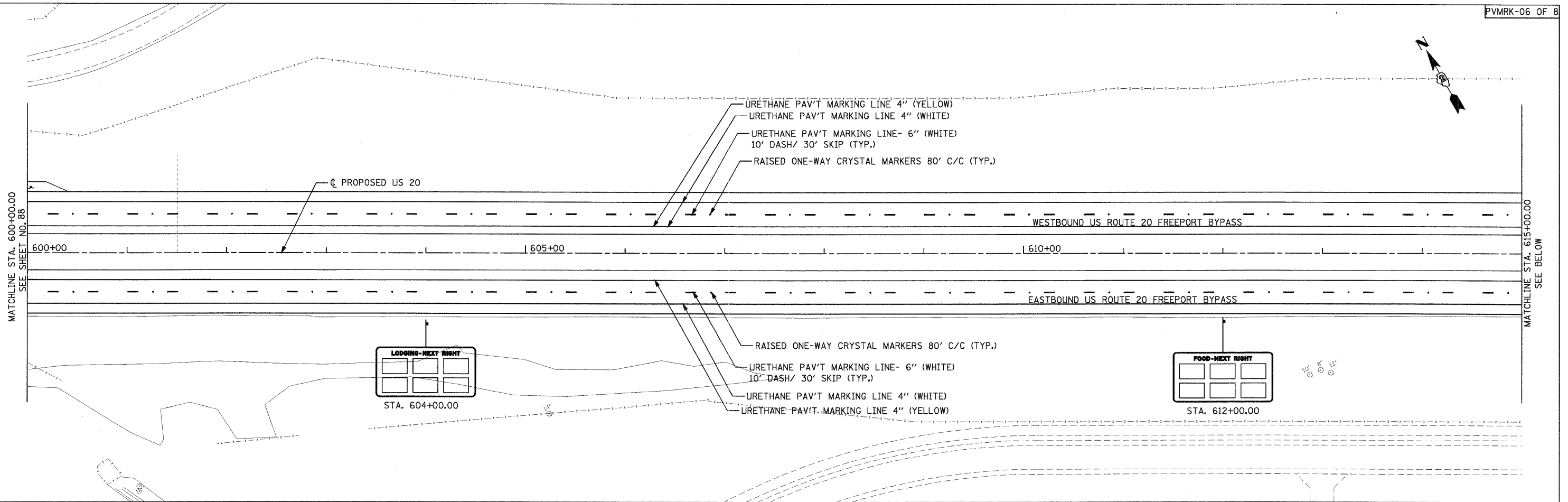
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PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - #CH DATE#	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLANS
 U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 5 OF 8 SHEETS STA. 570+00.00 TO STA. 600+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	88
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				



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

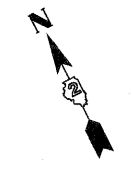
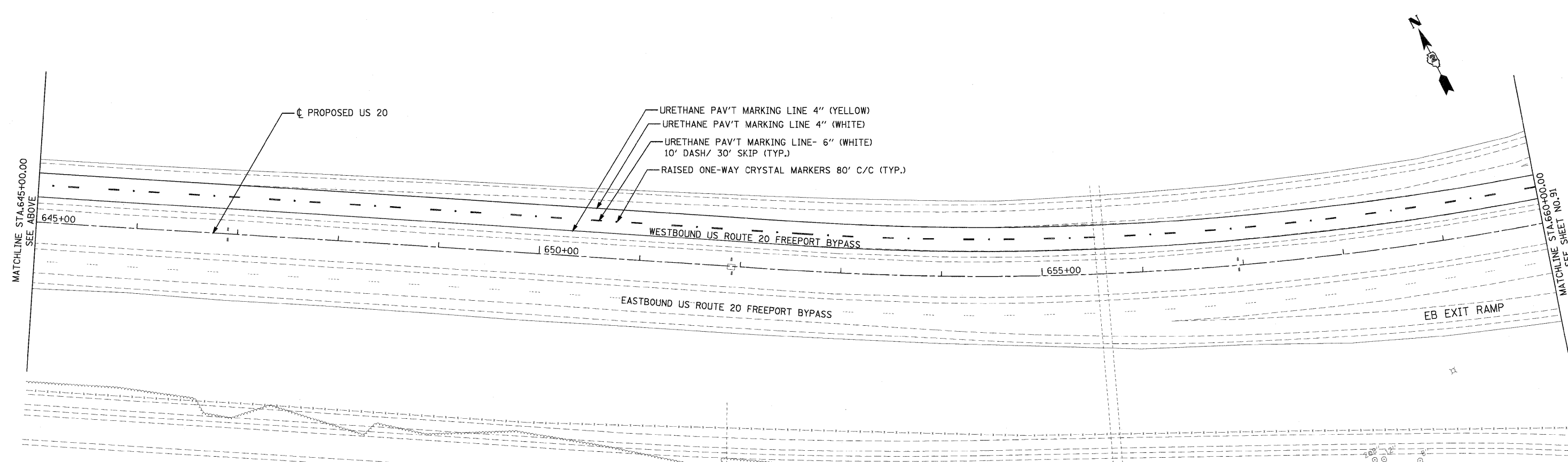
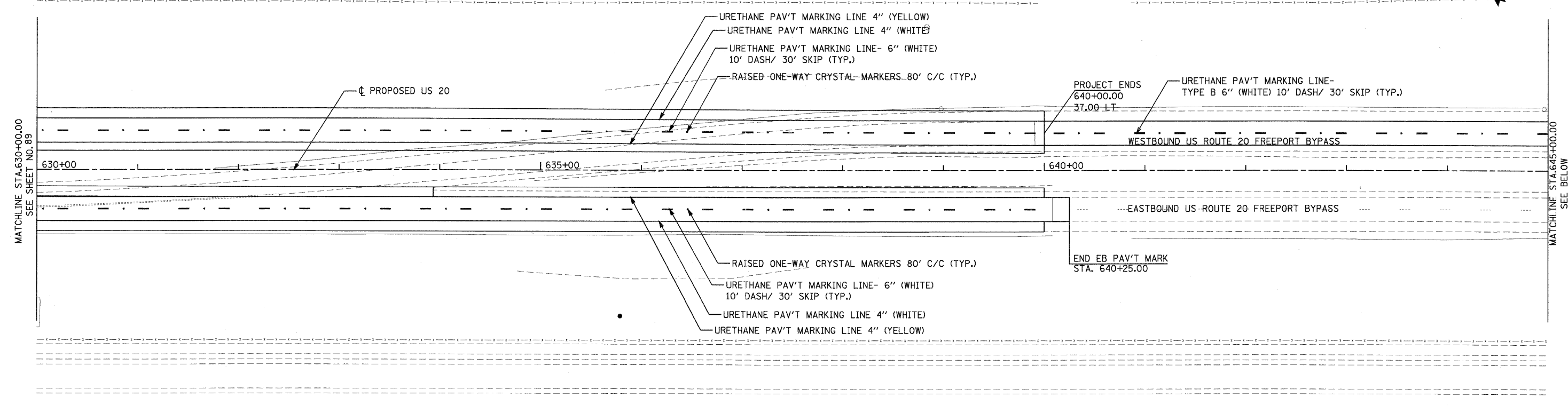
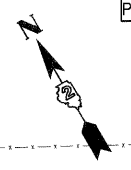
USER NAME = MMS	DESIGNED - MMS	REVISED -
PLOT SCALE = 50.00' / IN.	DRAWN - MMS	REVISED -
PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - #CH DATE#	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLANS
 U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 6 OF 8 SHEETS STA. 600+00.00 TO STA. 630+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	89
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				



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

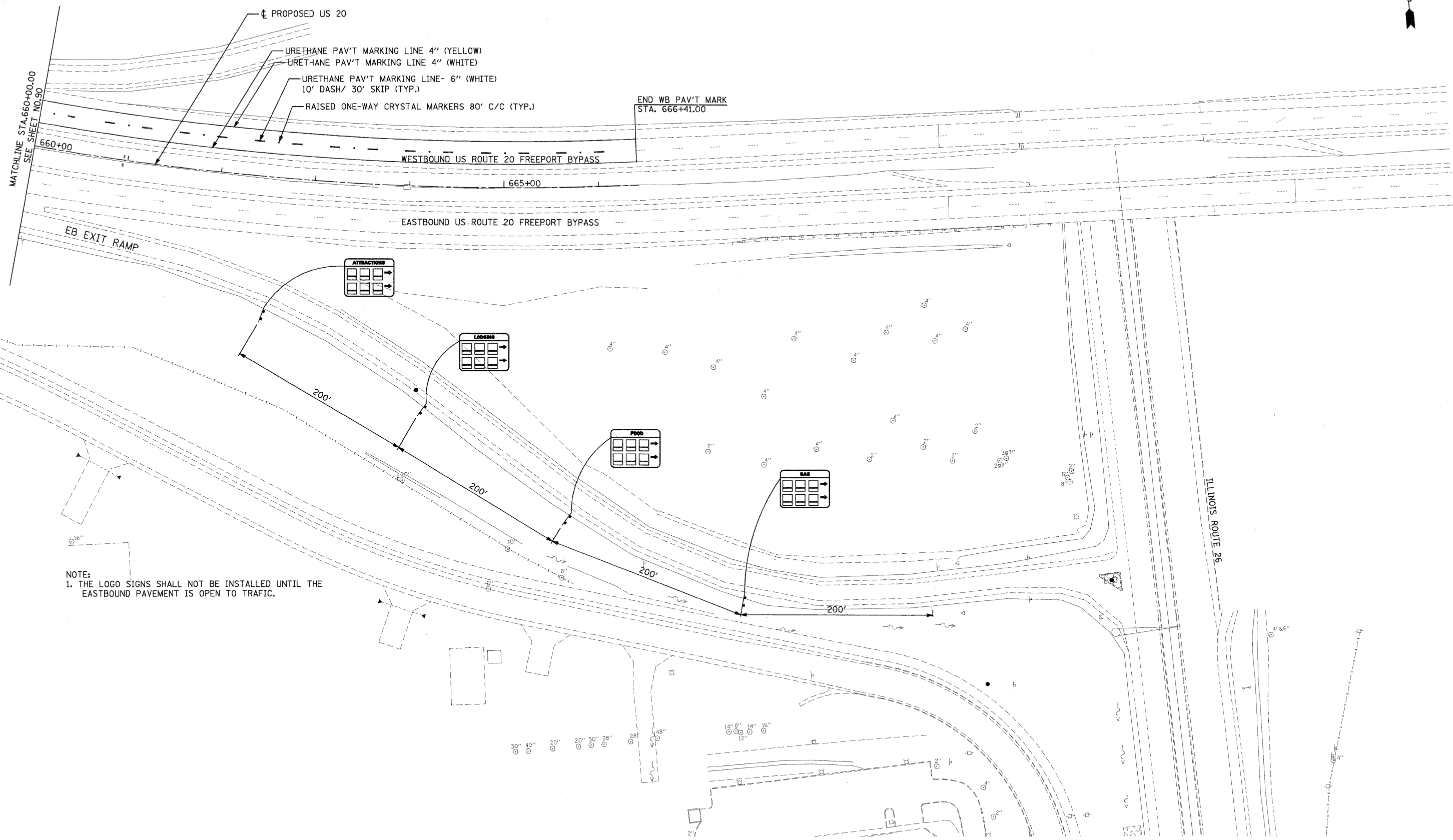
USER NAME = MMS	DESIGNED - MMS	REVISED -
DRAWN - MMS	CHECKED - RMH	REVISED -
PLOT SCALE = 50.00' / IN.	DATE - #CH DATE#	REVISED -
PLOT DATE = 9/28/11		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING AND PAVEMENT MARKING PLANS
 U.S. ROUTE 20

SCALE: 1"=50' SHEET NO. 7 OF 8 SHEETS STA. 630+00.00 TO STA. 660+00.00

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 90
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				



NOTE:
1. THE LOGO SIGNS SHALL NOT BE INSTALLED UNTIL THE EASTBOUND PAVEMENT IS OPEN TO TRAFFIC.

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

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

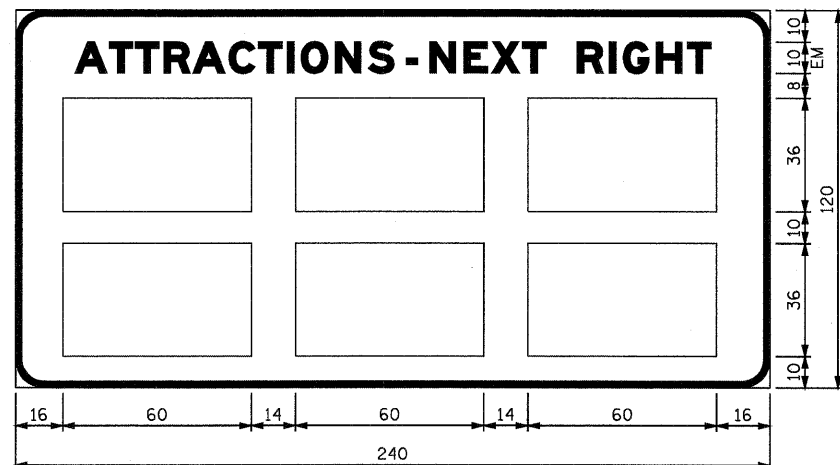
DESIGNED - MMS
DRAWN - MMS
CHECKED - RMH
DATE - \$CH DATE\$

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

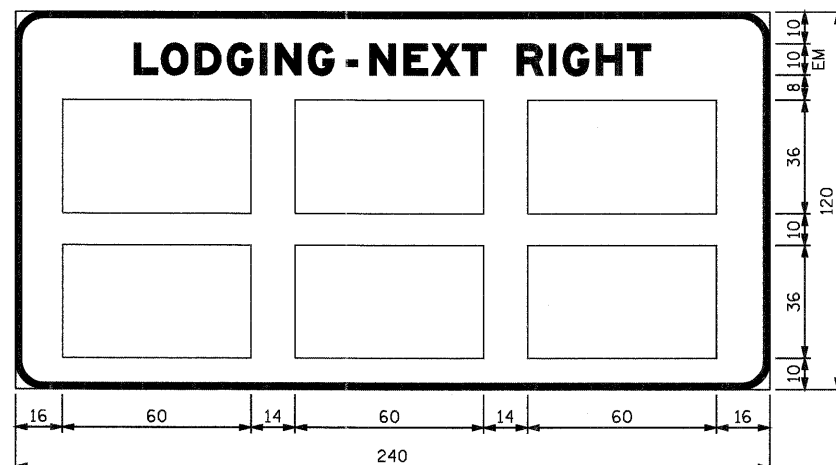
SIGNING AND PAVEMENT MARKING PLANS
U.S. ROUTE 20
SCALE: 1"=50'
SHEET NO. 8 OF 8 SHEETS
STA. 660+00.00 TO STA. 666+41.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	91
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				



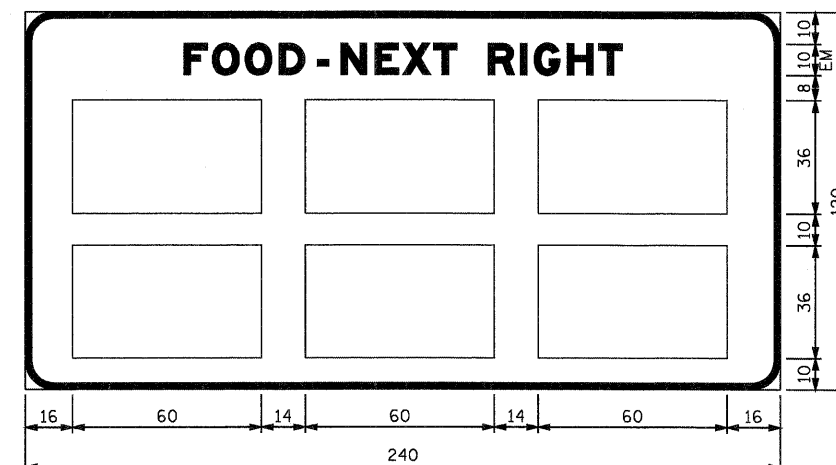
12.00 RADIUS, 2.00 BORDER,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.

STA. 596+00.00



12.00 RADIUS, 2.00 BORDER,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.

STA. 604+00.00



12.00 RADIUS, 2.00 BORDER,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.

STA. 612+00.00

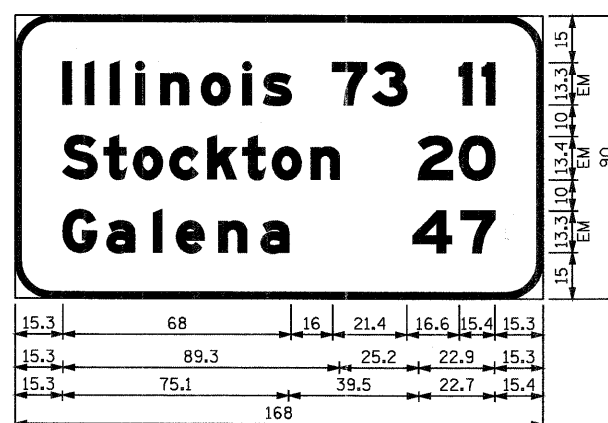


12.00 RADIUS, 2.00 BORDER,
WHITE LEGEND ON GREEN REFLACTORIZED BACKGROUND.

TABLE OF LETTER AND OBJECT LEFTS

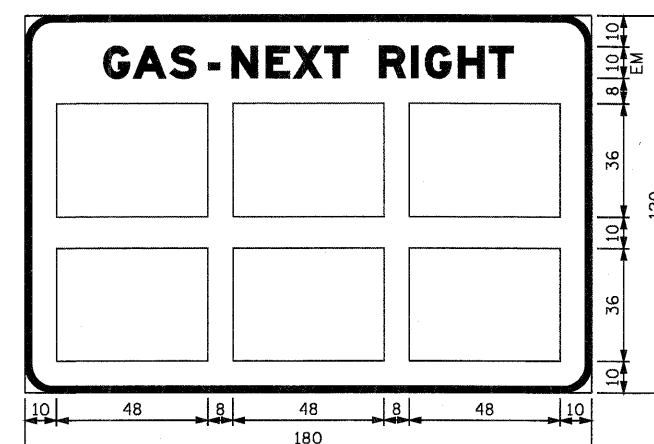
Letter	F	r	e	e	p	o	r	t
26	12.75	27.75	39.13	55.63	72.75	89.13	107.00	117.38
Freeport	21.13	41.50	59.38	75.50	87.88	105.13		
1 MILE	43.25	60.13	73.25	79.25	88.25			

STA. 620+00.00



12.00 RADIUS, 2.00 BORDER,
WHITE LEGEND ON GREEN REFLACTORIZED BACKGROUND.

STA. 625+00.00



12.00 RADIUS, 2.00 BORDER,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.

STA. 628+00.00

- NOTES:
1. ALL SIGN PANELS SHALL HAVE E MODIFIED WIDTH LETTERS.
2. ALL DIMENTIONS ARE SHOWN IN INCHES.

T:\USBR\4\1\1\PAW_P\1ms\28PAW-Sign-Dat.dgn

PARSONS BRINCKERHOFF
280 West Monroe St., Suite 900
Chicago, IL 60606, (312) 782-6100

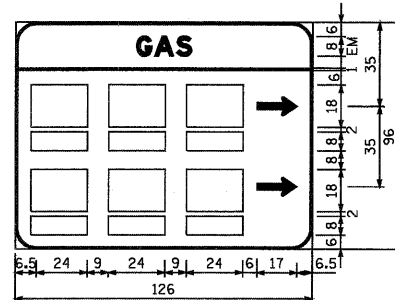
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PLOT DATE = 9/28/11	CHECKED - RMH	REVISED -
	DATE - 12/02/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

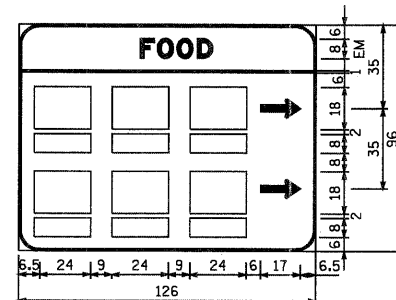
SIGN PANEL DETAILS

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

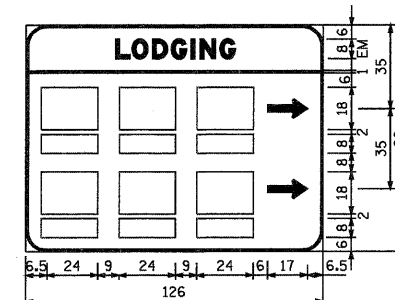
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	92
FINAL SUBMITTAL			CONTRACT NO. 64860	
[ILLINOIS] FED. AID PROJECT P-92-014-03				



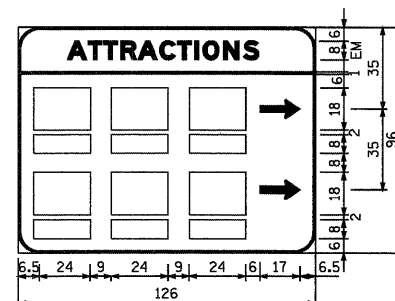
9.00 RADIUS, 1.00 BORDER AND VERTICAL BARS,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.



9.00 RADIUS, 1.00 BORDER AND VERTICAL BARS,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.



9.00 RADIUS, 1.00 BORDER AND VERTICAL BARS,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.



9.00 RADIUS, 1.00 BORDER AND VERTICAL BARS,
WHITE LEGEND ON BLUE REFLACTORIZED BACKGROUND.

- NOTES:**
 1. ALL SIGN PANELS SHALL HAVE E MODIFIED WIDTH LETTERS.
 2. ALL DIMENTIONS ARE SHOWN IN INCHES.

T:\BIB\44\City\PAV_Plans\201PAV-Sign-Dat.dgn

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

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**

SIGN PANEL DETAILS

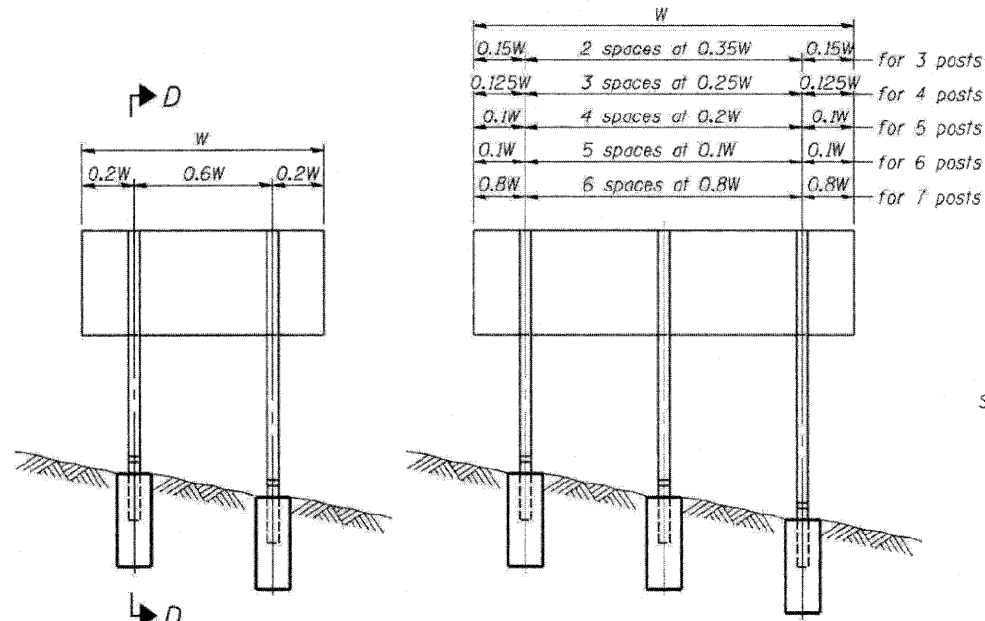
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	93
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

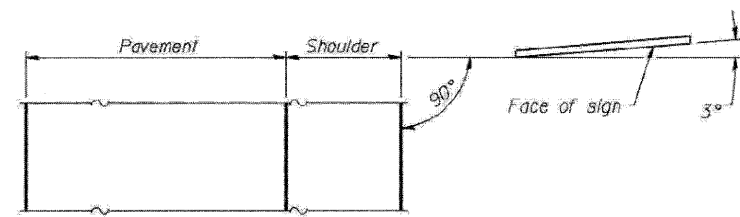
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET NO.
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		SHEETS

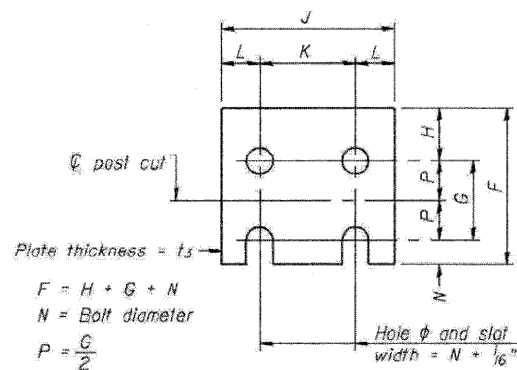
Contract #



ELEVATION



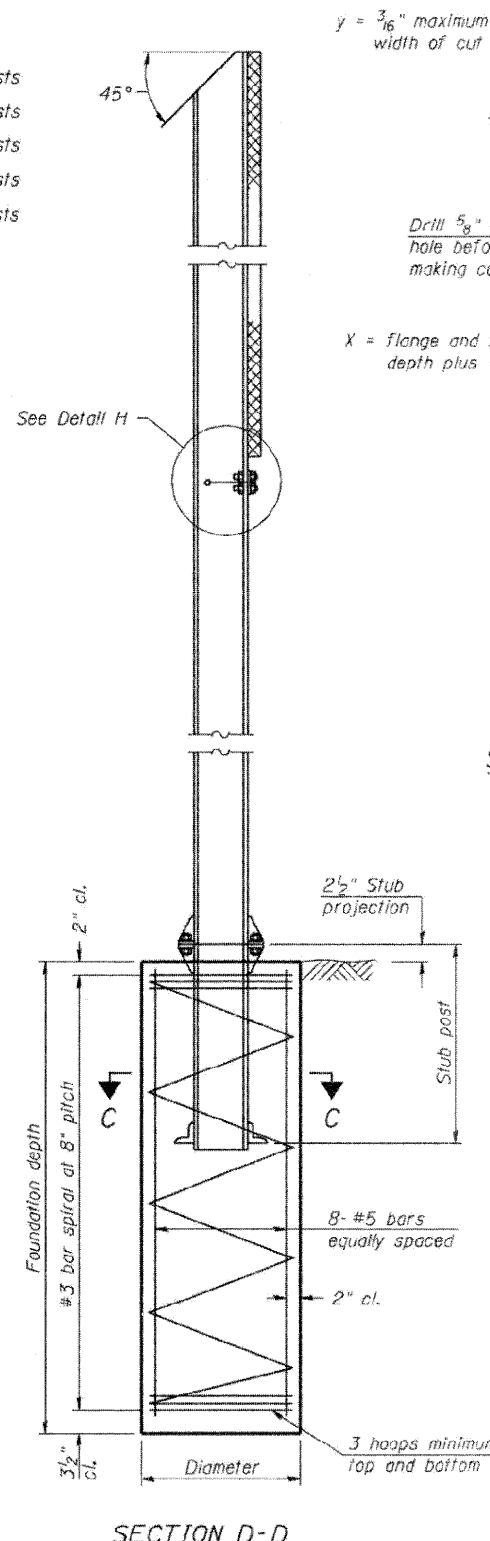
LOCATION SKETCH



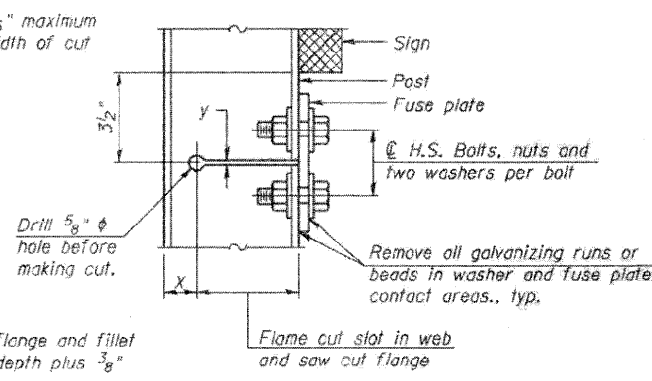
FUSE PLATE DETAIL

(Install with notches down.)

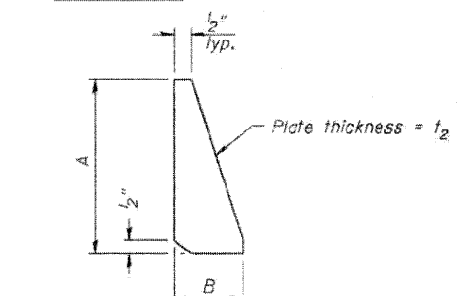
N = Bolt Diameter	G	H
1/2"	2"	1 9/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



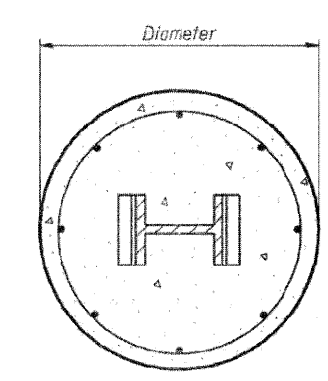
SECTION D-D



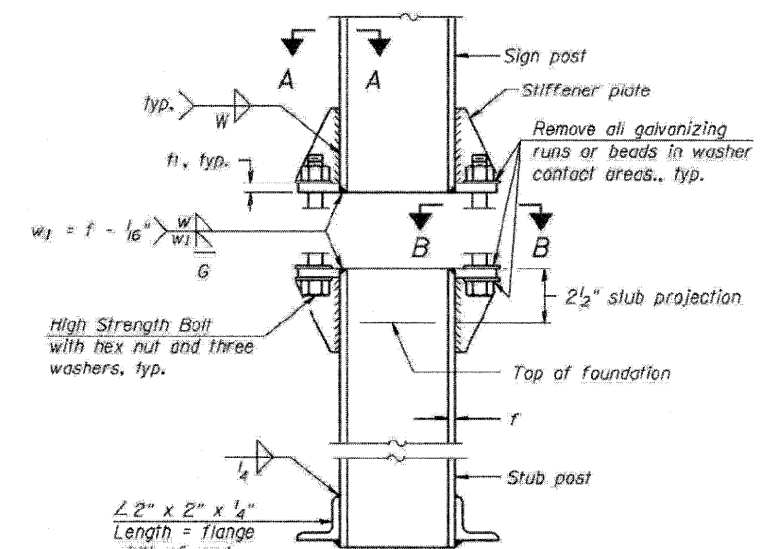
DETAIL H



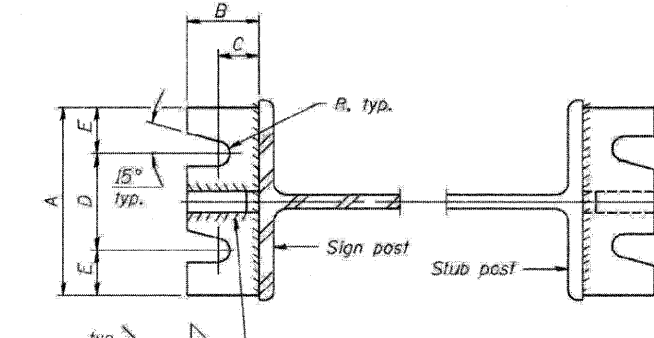
STIFFENER PLATE DETAIL



SECTION C-C

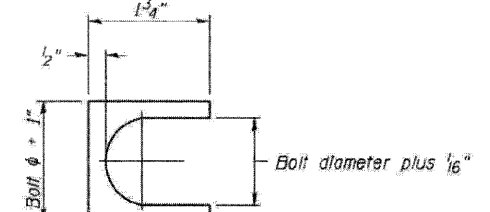


ELEVATION
SIGN POST & STUB POST



SECTION A-A

SECTION B-B



SHIM DETAIL

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	

NUMBER	REVISION	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

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

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

F.A. RTE. 301	SECTION 177-2-1	COUNTY STEPHENSON	TOTAL SHEETS 211	SHEET NO. 93A
FINAL SUBMITTAL		CONTRACT NO. 64860		
ILLINOIS FED. AID PROJECT P-92-014-03				

(Sheet 1 of 2)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

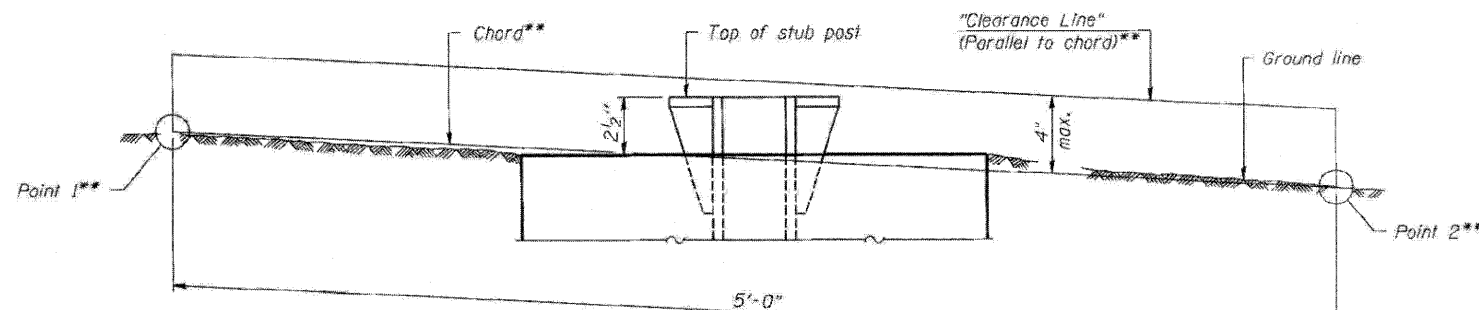
PLATE NO.	SECTION	FRONT	DATE	SHEET NO.
				93B
SHEETS				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Contract #

POST	CONCRETE FOUNDATION TABLE								POST TO STUB POST CONNECTION DATA								FUSE PLATE DATA					
	Foundation		Concrete (1) cu. yds.)	Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t ₁	t ₂	R	W	J	K	L	t ₃	
	Diameter	* Minimum Depth		Vertical Bars Length	Bar Diameter	Spirals Length																lbs. (2)
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	5/32"	1 1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	5/32"	1 1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	5/32"	1 1/4"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	5/32"	1 1/4"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	5/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	11/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	11/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																				
	Sign Height																				
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	---
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	---	---
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	---	---
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	---
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	7/8" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- Quantity includes all concrete necessary for one foundation.
- Includes reinforcement bars and spiral hooping for one foundation.

**BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES**

(Sheet 2 of 2)

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

DESIGNED -	MMS	REVISED -	
DRAWN -	MMS	REVISED -	
CHECKED -	RMH	REVISED -	
DATE -	12/02/2011	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	93B
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

T:\BBI\44-C\1\PAV_P\Plan\28P\AV-Sign\foundations-Design

RAW-4-2
**PARSONS
BRINCKERHOFF**
280 West Monroe St., Suite 900
Chicago, IL 60604, (312) 783-6150

6/01/2007
USER NAME = MMS
PLOT SCALE = 50.00' / IN.
PLOT DATE = 9/28/11

DESIGNED - MMS
DRAWN - MMS
CHECKED - RMH
DATE - 12/02/2011

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

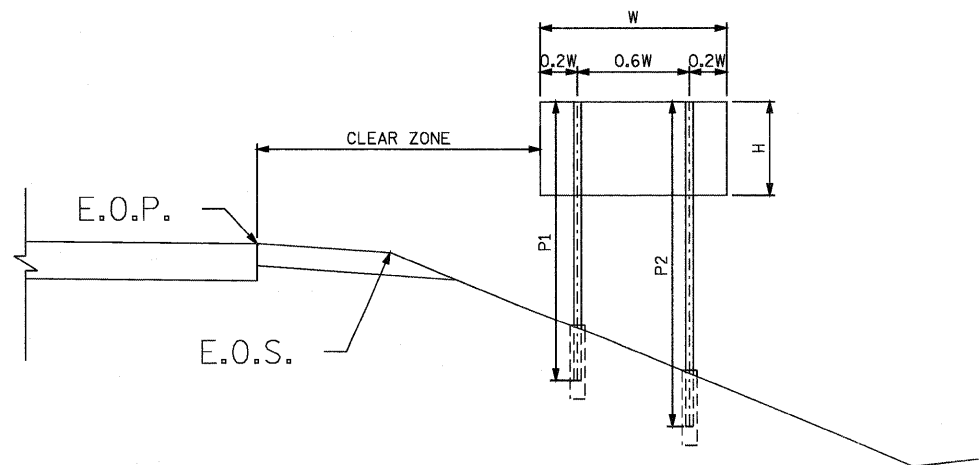
BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2-1	STEPHENSON	211	93B
FINAL SUBMITTAL			CONTRACT NO. 64860	
ILLINOIS FED. AID PROJECT P-92-014-03				

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	
							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 mtle"	11.5	12.5	-	-	-	143.75	3.5	31.7	37.3	W14X38	244	2622	4.18		
625+00	WB RT	GUIDE	"Illnois 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		



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PARSONS BRINCKERHOFF
380 West Monroe St., Suite 900
Chicago, IL 60604, (312) 781-6100

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

B.M. #61 -
 Iron rod in cap, Station 545+17.14, Elevation 770.77, Offset 65.08' Right.
 Northing: 2063761.44, Easting: 2429432.89.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

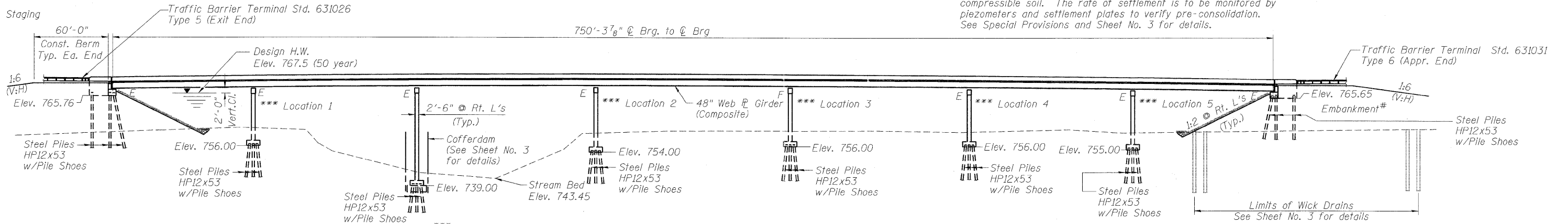
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1 47 SHEETS
FAP 301	177-2	STEPHENSON	211	95	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Existing Structure: There is no existing structure. The existing adjacent structure (SN 089-0045) will become eastbound only.

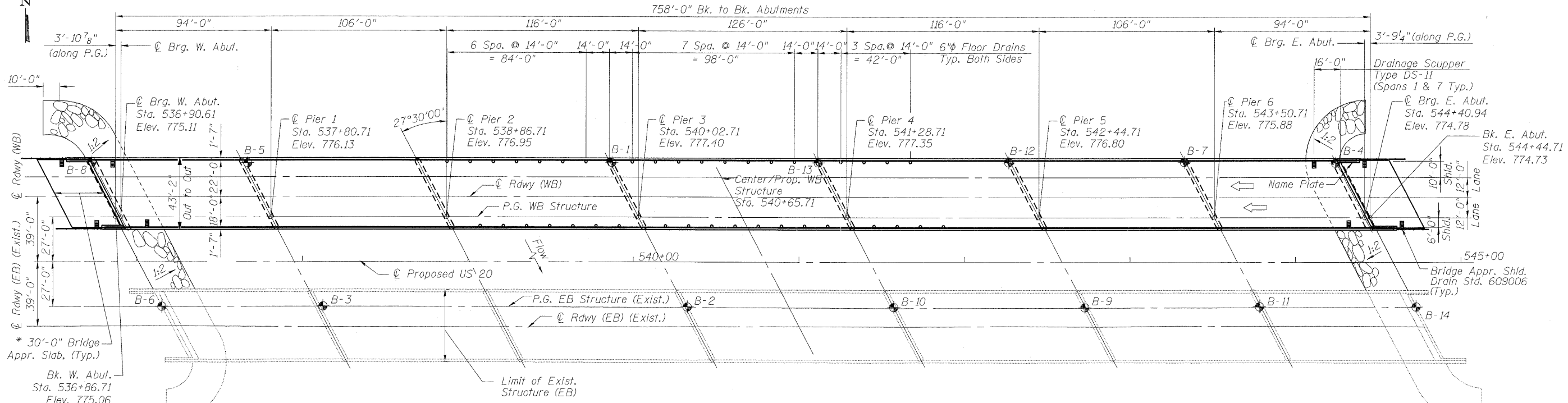
No Salvage

No Staging

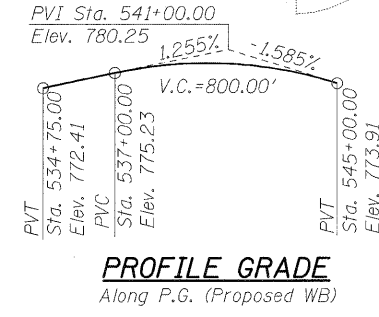
Embankment plus 3 feet of surcharge is to be placed three (3) months minimum prior to pile installation and abutment construction to allow for at least 95% consolidation of the compressible soil. The rate of settlement is to be monitored by piezometers and settlement plates to verify pre-consolidation. See Special Provisions and Sheet No. 3 for details.



ELEVATION
 *** Provide Underwater Structure Excavation Protection at these piers. See Special Provisions.
 * Bridge Appr. Slabs By Others (Typ. Ea. End)



PLAN



WATERWAY INFORMATION TABLE

		Exist. Low Grade Elev. 767.9 @ Sta. 551+00		Low Grade Elev. 768.1 @ Sta. 528+00					
Drainage Area = 1296 sq. miles									
	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.	Nat. H.W.E.	Head - Ft.	Headwater El.			
		Exist.	Prop.	Exist.	Prop.	Exist.	Prop.		
Design	50	20700	6381	6381	766.8	0.7	0.7	767.5	767.5
Base	100	24800	7345	7345	768.4	0.7	0.8	769.1	769.2
Overtopping	68	22200	6769	6769	767.4	0.7	0.7	768.1	768.1

10 Year Velocity through Exist. Bridge = 2.5 fps 10 Year Velocity through Prop. Bridge = 2.5 fps

LEGEND

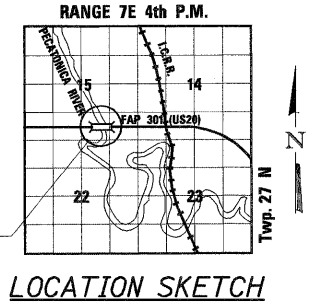
1975 Soil Boring location shown thus: B-1

DESIGNED	J.ZUO/S.CHELBIAN
CHECKED	A.HAMMAD
DRAWN	J.ZUO/S.CHELBIAN
CHECKED	J.GRAINAWI

DESIGN SPECIFICATIONS

2002 AASHTO
LOADING HS20-44
 Allow 50#/sq. ft. for future wearing surface
DESIGN STRESSES
FIELD UNITS
 f'c = 3,500 psi
 fy = 60,000 psi (Reinf.)
 fy = 50,000 psi (AASHTO M270, GR. 50W)

SEISMIC DATA
 Seismic Performance Category (SPC) = A
 Bedrock Acceleration Coefficient (A) = 0.032g
 Site Coefficient (S) = 1.0



LOCATION SKETCH

Note:
 Pecatonica River Bridge (SN 089-0082) built as a part of Contract No. 64799.

GENERAL PLAN & ELEVATION
U.S. ROUTE 20 OVER
PECATONICA RIVER
PUBLIC WATER
F.A.P. ROUTE 301 SECTION 177-2B-1
STEPHENSON COUNTY
STATION 540+65.71
STRUCTURE NO. 089-0082

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

FOR INFORMATION ONLY
 CONTRACT 64860

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	177-2	STEPHENSON	211	96
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 9
47 SHEETS



NORTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
W. End of West Appr. Slab	536+39.36	-34.42	774.25
A	536+49.36	-34.42	774.38
B	536+59.57	-34.00	774.51
E. End of West Appr. Slab	536+69.57	-34.00	774.64

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
W. End of West Appr. Slab	536+44.78	-24.00	774.54
A	536+54.78	-24.00	774.66
B	536+64.78	-24.00	774.79
E. End of West Appr. Slab	536+74.78	-24.00	774.91

℄ ROADWAY (WB)

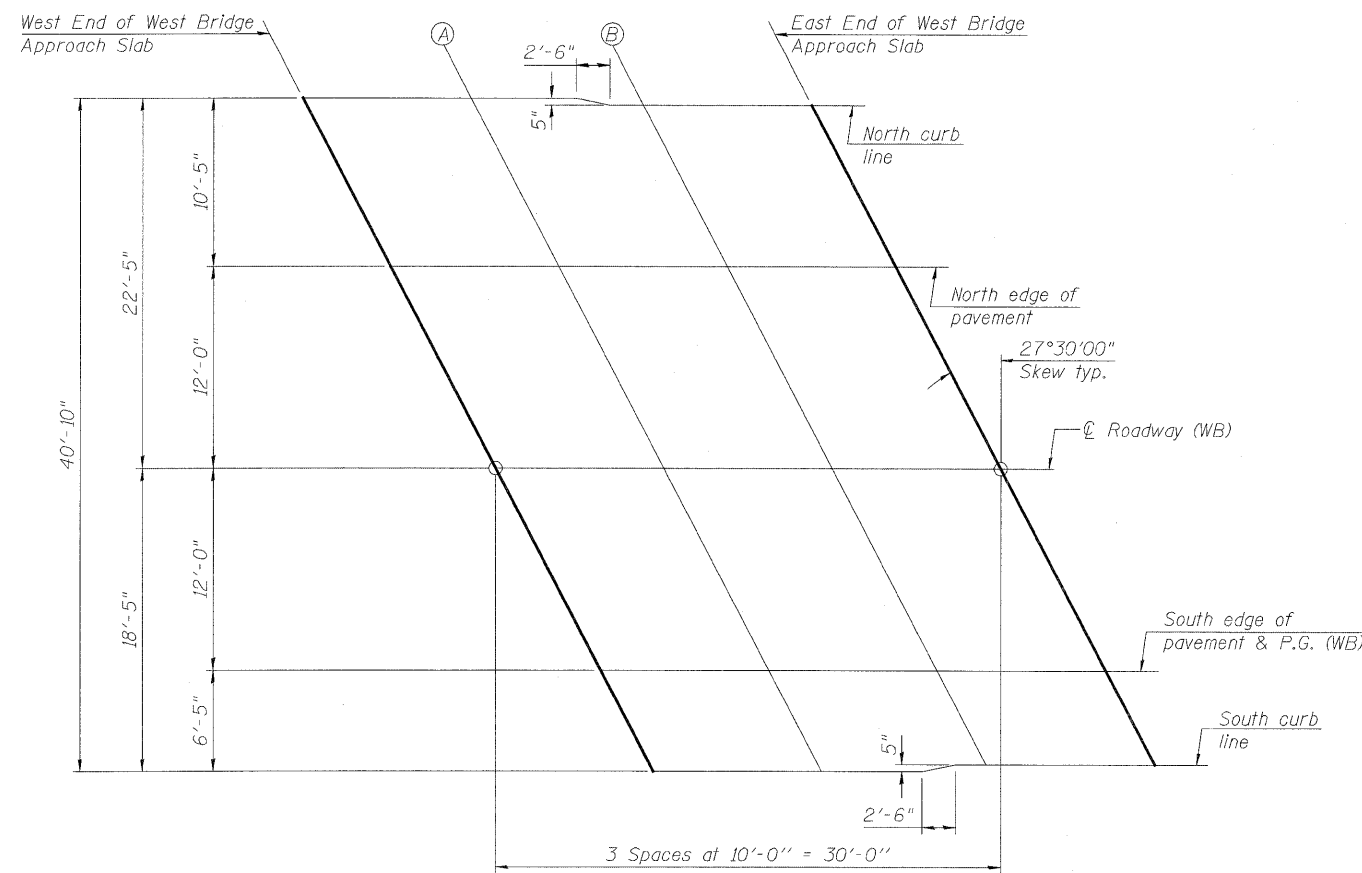
Location	Station	Offset	Theoretical Grade Elevations
W. End of West Appr. Slab	536+51.03	-12.00	774.80
A	536+61.03	-12.00	774.93
B	536+71.03	-12.00	775.05
E. End of West Appr. Slab	536+81.03	-12.00	775.18

SOUTH EDGE OF PAVEMENT & P.G. (WB)

Location	Station	Offset	Theoretical Grade Elevations
W. End of West Appr. Slab	536+57.27	0.00	774.69
A	536+67.27	0.00	774.82
B	536+77.27	0.00	774.94
E. End of West Appr. Slab	536+87.27	0.00	775.07

SOUTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
W. End of West Appr. Slab	536+60.64	6.42	774.60
A	536+70.64	6.42	774.73
B	536+80.42	6.00	774.86
E. End of West Appr. Slab	536+90.42	6.00	774.98



PLAN

(West Bridge Approach Slab)

DESIGNED	H.ALKHAJIB
CHECKED	S.CHELBIAN
DRAWN	H.ALKHAJIB
CHECKED	J.GRAINAWI

PARSONS BRINCKERHOFF
230 West Monroe St.
Suite 900
Chicago, IL 60606
(312) 782-8160

**TOP OF WEST APPROACH
SLAB ELEVATIONS
F.A.P. ROUTE 301 SECTION 177-2B-1
STEPHENSON COUNTY
STATION 540+65.71
STRUCTURE NO. 089-0082**

CONTRACT 64860

T:\16814A\Struct\Cadd\PreFinal\US20 Bridge 089-0082 (Pecatonica River Bridge)\000000-64799-000-000-009.dgn
05-DEC-2011 13:19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 10 47 SHEETS
FAP 301	177-2	STEPHENSON	211	97	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract No.

NORTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
W. End of East Appr. Slab	544+26.45	-34.00	774.77
A	544+36.45	-34.00	774.64
B	544+46.23	-34.42	774.49
E. End of East Appr. Slab	544+56.23	-34.42	774.35

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
W. End of East Appr. Slab	544+31.65	-24.00	774.91
A	544+41.65	-24.00	774.77
B	544+51.65	-24.00	774.63
E. End of East Appr. Slab	544+61.65	-24.00	774.49

☉ ROADWAY (WB)

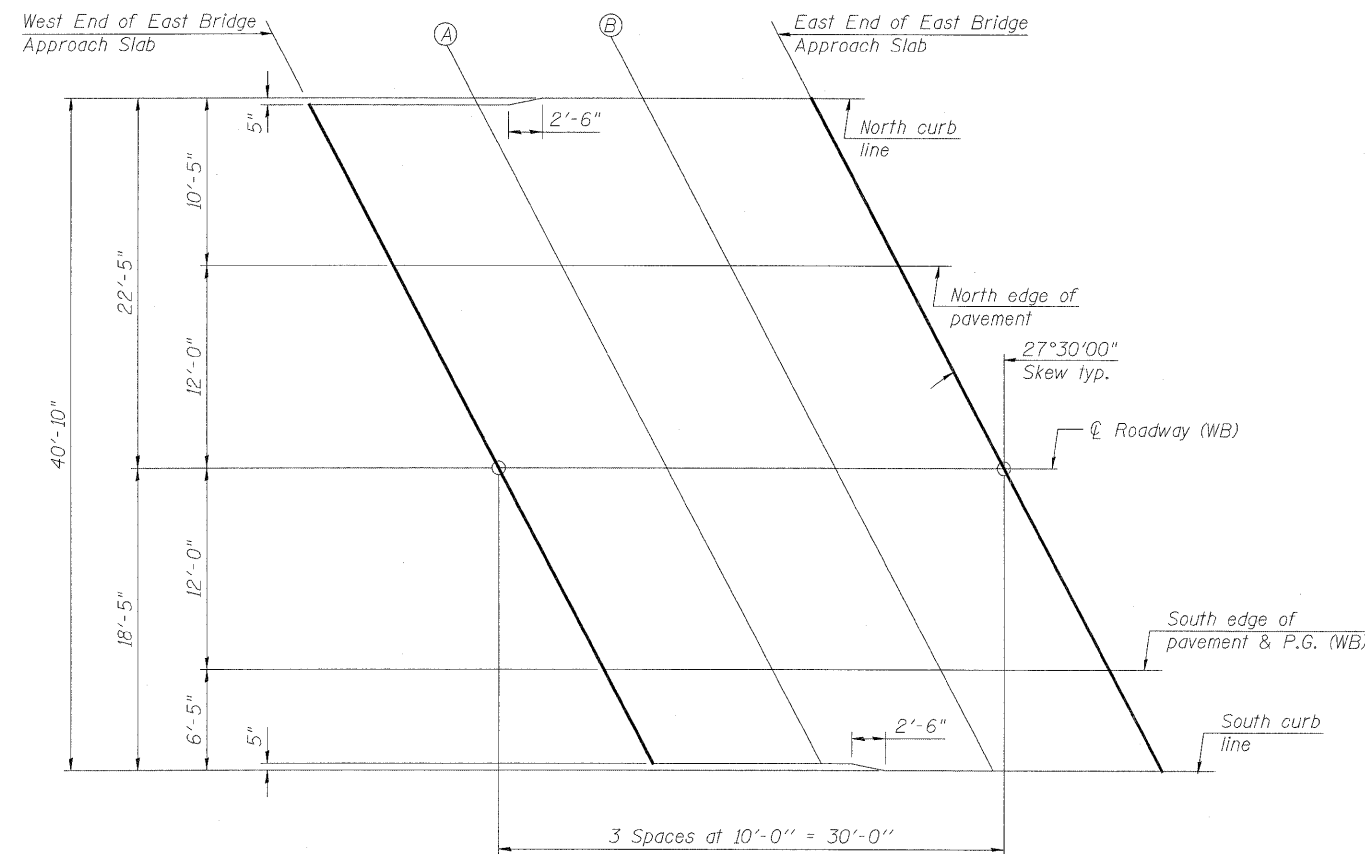
Location	Station	Offset	Theoretical Grade Elevations
W. End of East Appr. Slab	544+37.90	-12.00	775.01
A	544+47.90	-12.00	774.88
B	544+57.90	-12.00	774.73
E. End of East Appr. Slab	544+67.90	-12.00	774.59

SOUTH EDGE OF PAVEMENT & P.G. (WB)

Location	Station	Offset	Theoretical Grade Elevations
W. End of East Appr. Slab	544+44.15	0.00	774.74
A	544+54.15	0.00	774.60
B	544+64.15	0.00	774.46
E. End of East Appr. Slab	544+74.15	0.00	774.31

SOUTH CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
W. End of East Appr. Slab	544+47.27	6.00	774.57
A	544+57.27	6.00	774.43
B	544+67.49	6.42	774.27
E. End of East Appr. Slab	544+77.49	6.42	774.12



PLAN

(East Bridge Approach Slab)

DESIGNED	H.ALKHAJIB
CHECKED	S.CHELBIAN
DRAWN	H.ALKHAJIB
CHECKED	J.GRAINAWI

PARSONS BRINCKERHOFF
280 West Monroe St.
Suite 900
Chicago, IL 60606
(312) 782-8160

**TOP OF EAST APPROACH
SLAB ELEVATIONS
F.A.P. ROUTE 301 SECTION 177-2B-1
STEPHENSON COUNTY
STATION 540+65.71
STRUCTURE NO. 089-0082**

CONTRACT 64860

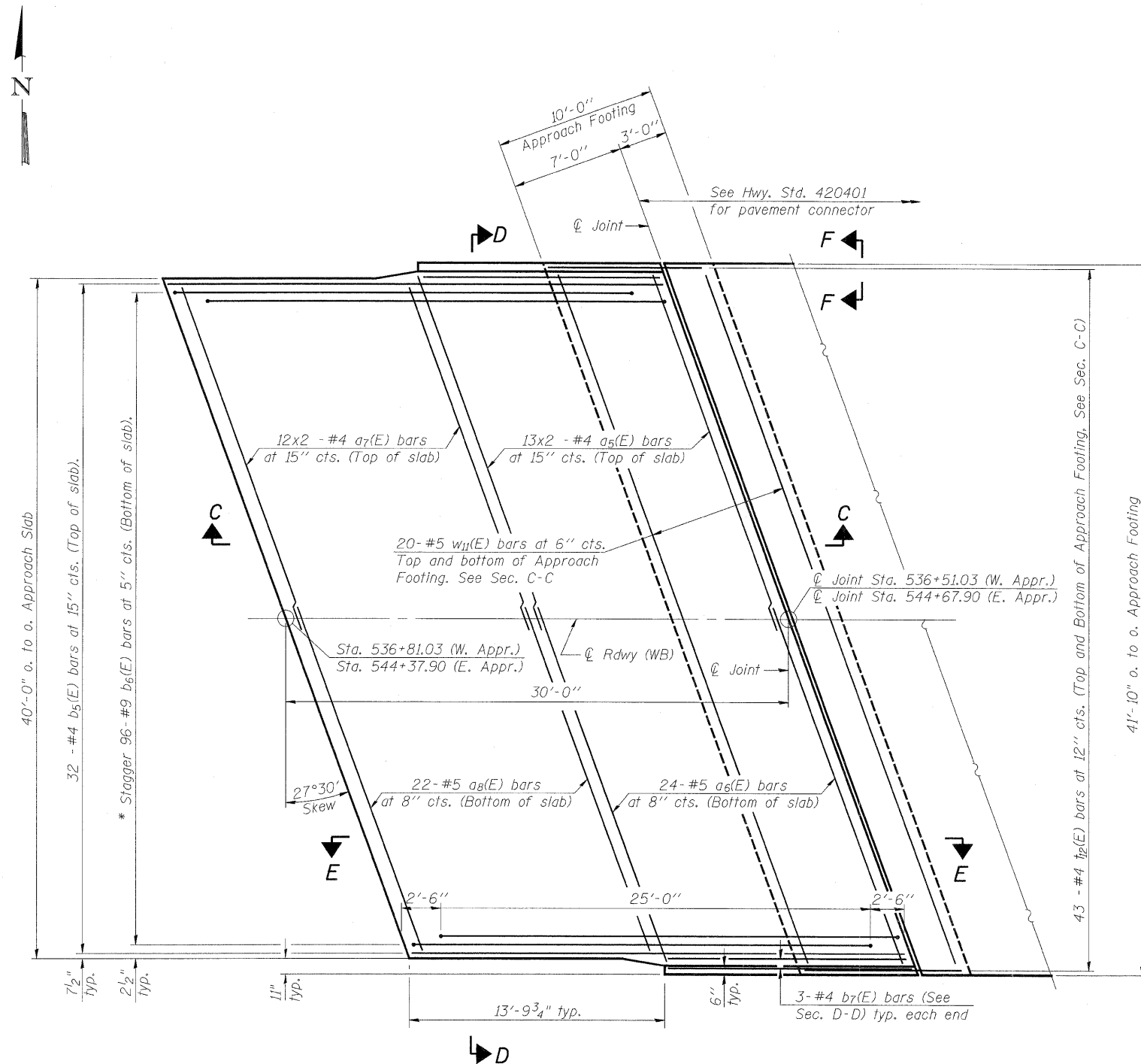
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 301	177-2	STEPHENSON	211	98
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 16
47 SHEETS

Contract No.



PLAN

* Tilt #9 b₆(E) bars as required to maintain clearance.

Notes:

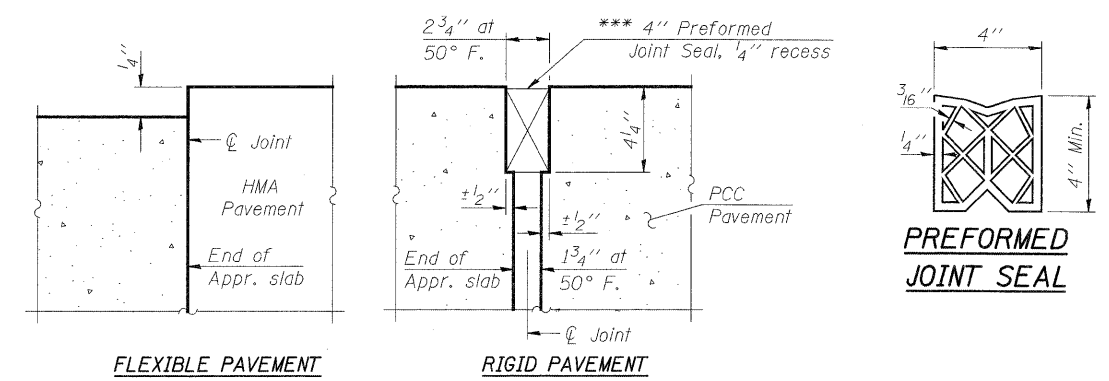
- See Sheet No. *17 for Sections C-C & D-D.
- See Sheet No. *1 for bridge approach pavement drain locations and Standard 609006 for drain details. See Roadway Plans for quantities.
- a₅(E) thru a₈(E) bar spacings measured along ϕ Rdwy.
- Bars indicated thus 12 x 2-#4 etc. indicates 12 lines of bars with 2 lengths per line.
- Field cut reinforcement to clear approach pavement drains.

* Sheet No. 15 in reference to Contract 64799

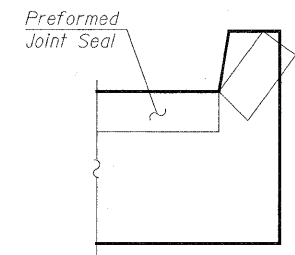
MINIMUM BAR LAP

#4 Bars = 1'-8"

*** Cost Included with Concrete Superstructure.



DETAIL A



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

DESIGNED	H.ALKHATIB
CHECKED	S.CHELBIAN
DRAWN	H.ALKHATIB
CHECKED	J.GRAINAWI

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**BRIDGE APPROACH SLAB
DETAILS I**
F.A.P. ROUTE 301 SECTION 177-2B-1
STEPHENSON COUNTY
STATION 540+65.71
STRUCTURE NO. 089-0082

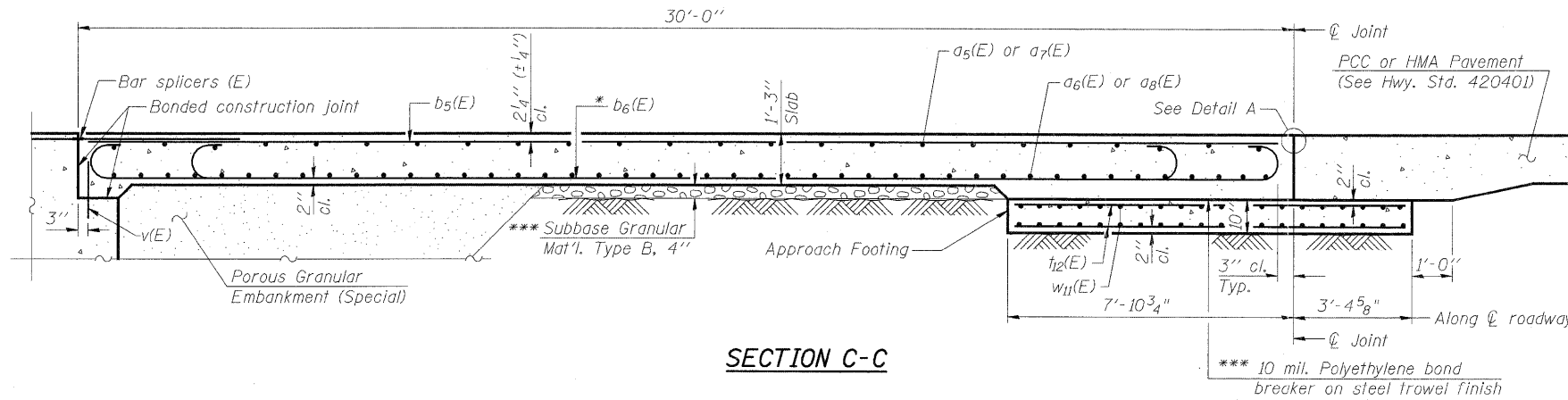
CONTRACT 64860

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

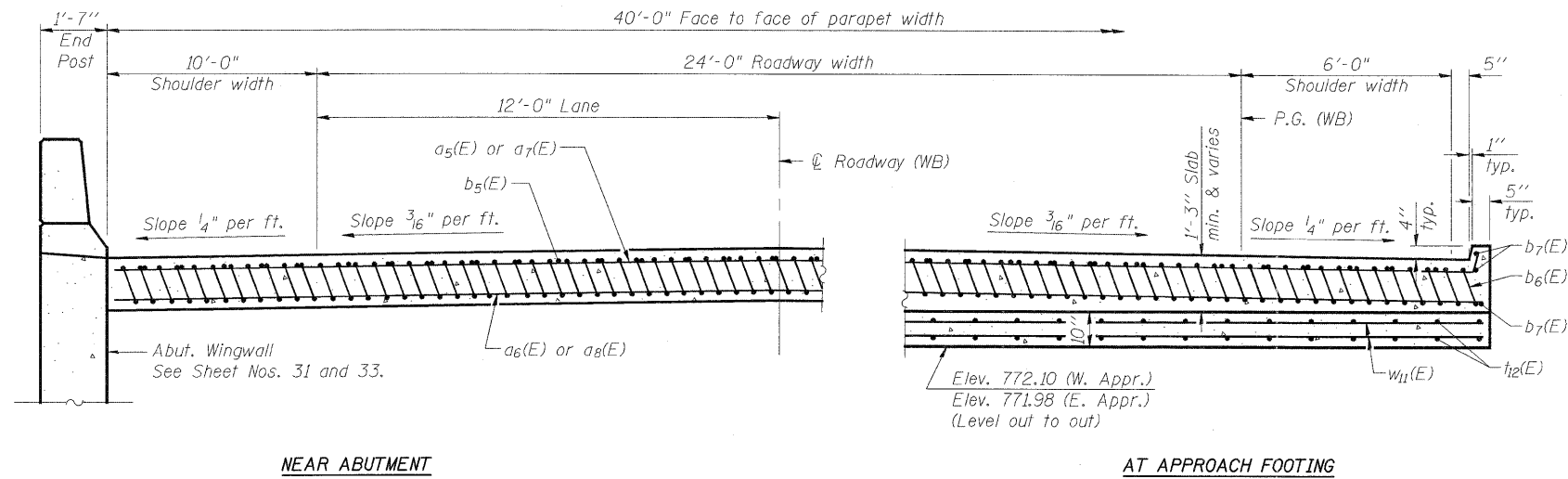
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 17 47 SHEETS
FAP 301	177-2	STEPHENSON	211	99	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract No.



Notes:

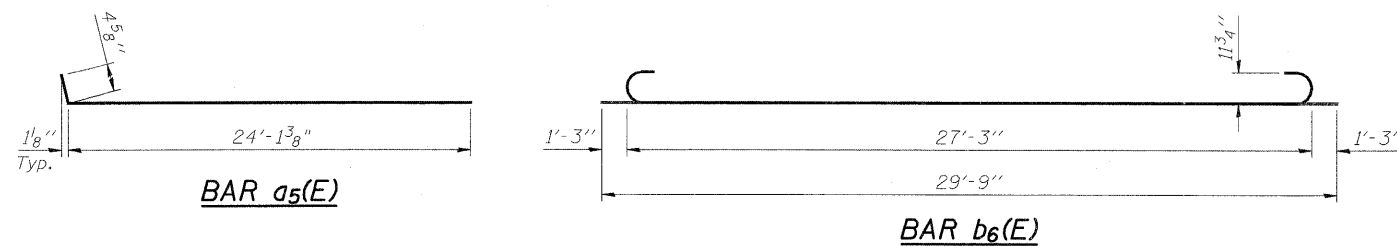
- See Sheet No. *16 for Detail A and View B-B.
 - Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
 - Approach footing concrete shall be paid for as Concrete Structures.
 - Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 - For v(E) bar details, see Sheet Nos. *31 and *33.
 - The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 - For bar splicer details, see Sheet No. *40.
 - Cost of excavation for approach footing included with Concrete Structures.
 - For Porous Granular Embankment (Special) and drainage treatment details, see Sheet No. *2.
 - For additional parapet details, see Sheet Nos. *31 and *33.
- * Sheet No. 15 in reference to Contract 64799



- * Tilt #9 b₁(E) bars as required to maintain clearance.
- *** Cost included with Concrete Superstructure.

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a ₅ (E)	52	#4	24'-6"	—
a ₆ (E)	48	#5	46'-9"	—
a ₇ (E)	48	#4	23'-3"	—
a ₈ (E)	44	#5	44'-9"	—
b ₅ (E)	64	#4	29'-8"	—
b ₆ (E)	192	#9	29'-9"	—
b ₇ (E)	12	#4	15'-9"	—
t ₁₂ (E)	172	#4	10'-11"	—
w ₁₁ (E)	80	#5	46'-9"	—
Bridge Deck Grooving		Sq. Yd.	257	
Protective Coat		Sq. Yd.	276	
Concrete Superstructure		Cu. Yd.	125.6	
Concrete Structures		Cu. Yd.	29.1	
Reinforcement Bars, Epoxy Coated		Pound	32730	



DESIGNED	H.ALKHATIB
CHECKED	S.CHELBIAN
DRAWN	H.ALKHATIB
CHECKED	J.GRAINAWI

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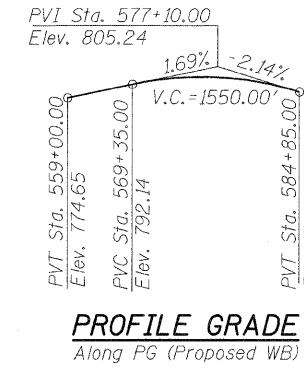
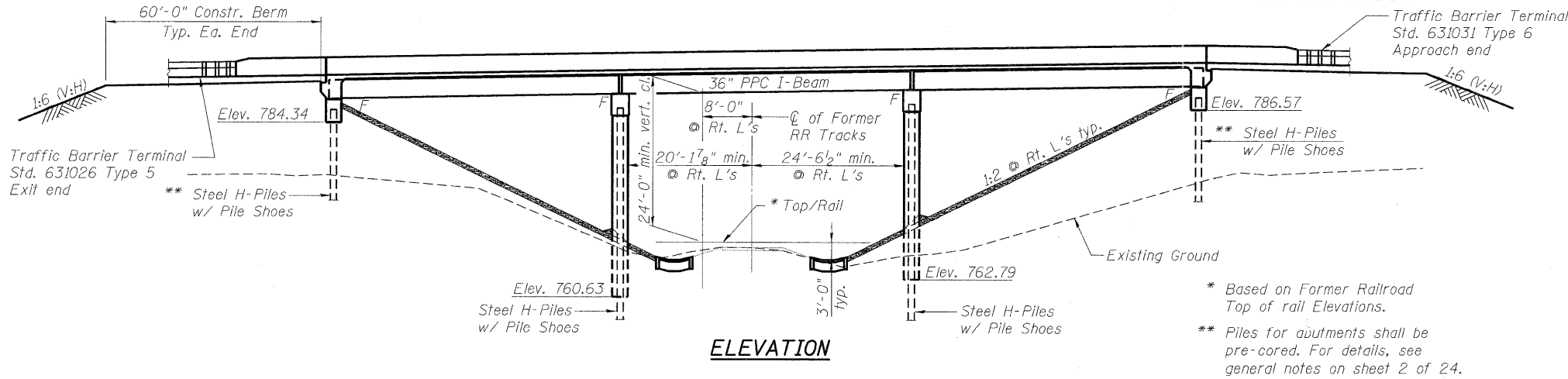
BRIDGE APPROACH SLAB
DETAILS II
F.A.P. ROUTE 301 SECTION 177-2B-1
STEPHENSON COUNTY
STATION 540+65.71
STRUCTURE NO. 089-0082
CONTRACT 64860

Bench Mark: Point # 62 Iron rod in cap. Sta. 574+18.79, Elev. 797.29, Offset 63.34 Right.
 North = 2063790.44, East = 2432334.40.
 Existing Structure: None The existing adjacent structure (SN 089-0055) is Eastbound only.

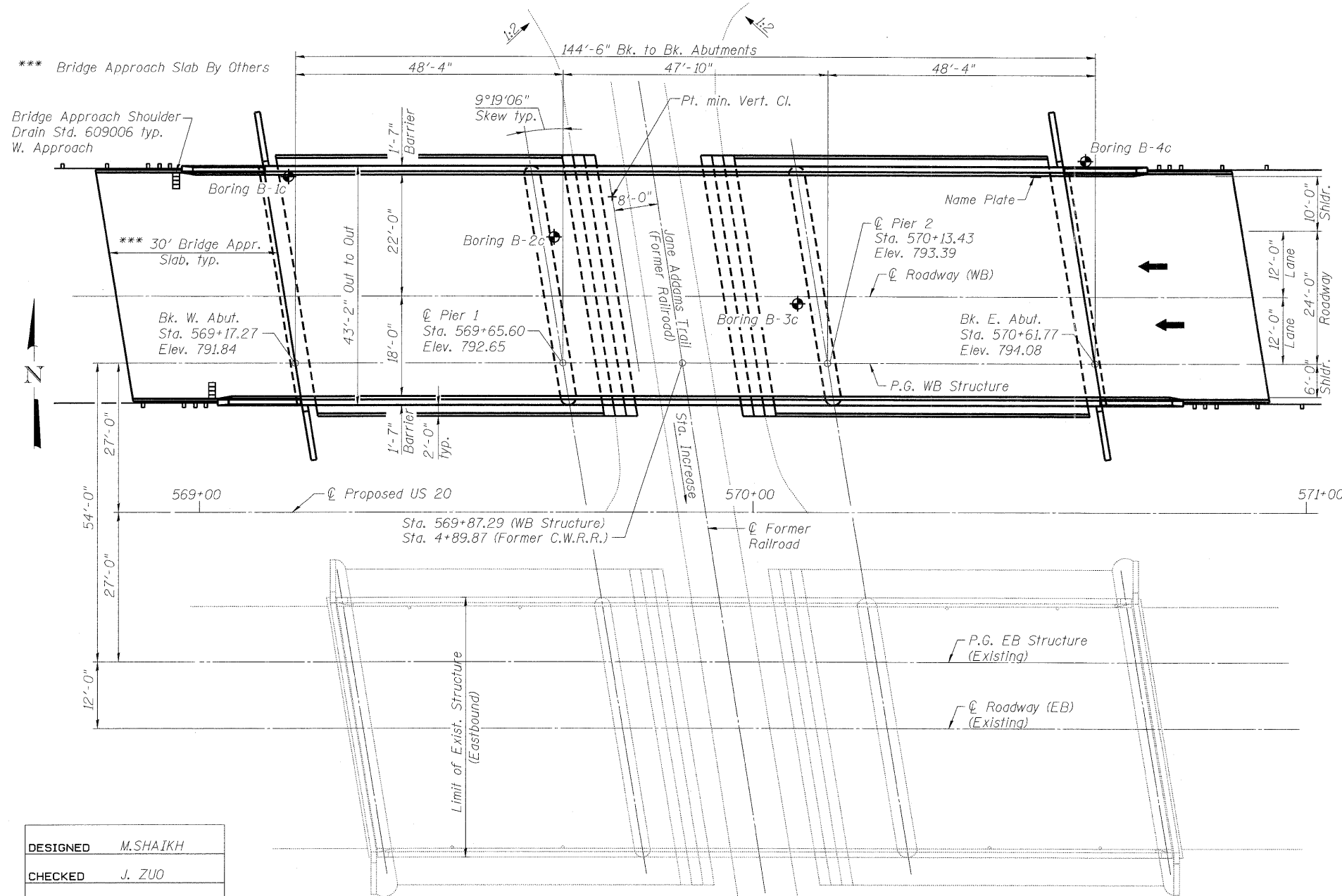
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
FAP 301	177-2	STEPHENSON	211	100	24 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract No.



**TOP OF RAIL ELEVATIONS
 FORMER CENTRAL
 WISCONSIN R.R.**
 (From Existing 1985 Design Plans)



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

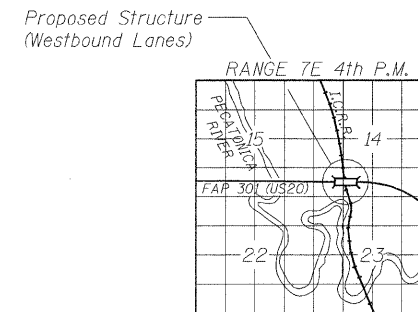
DESIGN SPECIFICATIONS
 2002 AASHTO

DESIGN STRESSES
FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

PRECAST PRESTRESSED UNITS
 $f'_c = 6,000$ psi
 $f'_{ci} = 5,000$ psi
 $f'_s = 270,000$ psi ($1/2$ " ϕ , low relaxation strands)
 $f_{si} = 201,960$ psi ($1/2$ " ϕ , low relaxation strands)

SEISMIC DATA
 Seismic Performance Category (SPC) = A
 Bedrock Acceleration Coefficient (A) = 0.032g
 Site Coefficient (S) = 1.0

Note:
 Jane Addams Trail Bridge (SN 089-0083)
 built as a part of Contract No. 64799.



LOCATION SKETCH

**PARSONS
 BRINCKERHOFF**
 280 West Monroe St.
 Suite 900
 Chicago, IL 60606
 (312) 782-8160

**GENERAL PLAN AND ELEVATION
 U.S. ROUTE 20 OVER
 JANE ADDAMS TRAIL
 F.A.P. ROUTE 301 SECTION 177-2VB-1
 STEPHENSON COUNTY
 STATION 569+87.29
 STRUCTURE NO. 089-0083**

FOR INFORMATION ONLY
 CONTRACT 64860

DESIGNED	M.SHAIKH
CHECKED	J. ZUO
DRAWN	D.C.PATEL
CHECKED	J.GRAINAWI

PLAN Mile Post #10
 Sta. 10+00.00

Note:
 This corridor is preserved for future rail purposes by the South Central Wisconsin Rail Transit Commission and a minimum clearance of 24 feet 0 inches is provided over the potential future top of rail elevation.