

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET
FAS 495	95-00215-01-RS	PIATT	21	1
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 91383

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED SURFACE TRANSPORTATION PROGRAM – RURAL

INDEX OF SHEETS

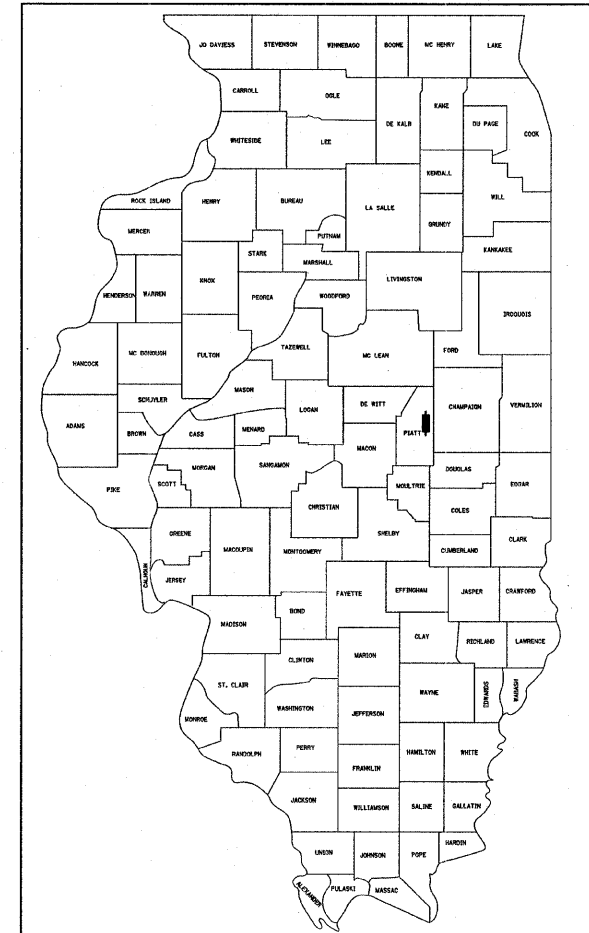
1. COVER SHEET
2. GENERAL NOTES, SUMMARY OF QUANTITIES, MIXTURE REQUIREMENTS
3. SCHEDULE OF QUANTITIES
4. TYPICAL SECTIONS
- 5.-12. PLAN AND PROFILE SHEETS
13. ENTRANCE DETAILS
14. HORIZONTAL ALIGNMENT AND PAVEMENT MARKING
15. SPECIAL DITCH TABULATION SHEET
- 16.-21. EROSION CONTROL SHEETS

STANDARDS

- 482011-03 HMA SHOULDER STRIPS/SHOULDER WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 701201-03 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS, DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- BLR 24-2 MAILBOX TURNOUTS

SCALES { PLAN 0' = 50'
 PROFILE HORIZ. 0' = 50'
 PROFILE VERT. 0' = 5'

SECTION 95-00215-01-RS FAS 495 – C.H. 2 PIATT COUNTY PROJECT – RS-495(102) C-95-301-08

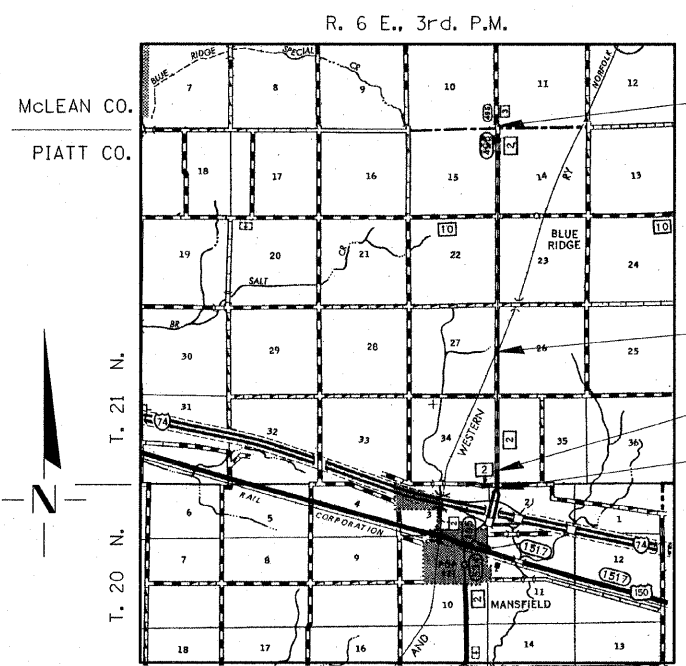
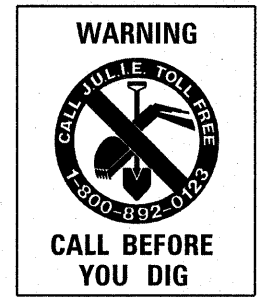


LOCATION OF SECTION INDICATED THUS: - ■ -

UTILITIES

VERIZON NORTH
BURIED CABLE/OVERHEAD CABLE
ATTN: KALIN HINSHAW
110 E. MONROE
BLOOMINGTON, IL 61707-2675
(MAIL CODE) ILLLBON

AMEREN IP
POWER/GAS
1112 WEST ANTHONY DRIVE
P.O. BOX 17070
URBANA, IL 61803-7070



IMPROVEMENT ENDS
STA. 207+20.00

OMISSION
STA. 74+05.10 TO STA. 74+28.26

STATION EQUATION
STA. 272+77.00 BACK = STA. 3+34.50 AHEAD

IMPROVEMENT BEGINS
STA. 265+87.12

LAYOUT

APPROXIMATE SCALE: 0 1 Mile

NET LENGTH OF SECTION = 21,052.22 FEET = 3.987 MILES
 TOTAL LENGTH OF SECTION = 21075.38 FEET = 3.992 MILES

APPROVED 12/22/2008 20
Joseph A. Robinson
 COUNTY ENGINEER

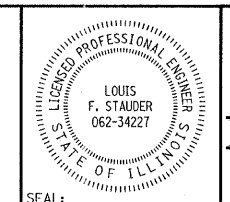
PASSED 1/21 2009
David A. Sall
 DISTRICT FIVE ENGINEER OF
 LOCAL ROADS & STREETS

Releasing For
 Bid Based on
 Limited Review 1-22 2009
Joseph C. Lutz
 DEPUTY DIRECTOR OF HIGHWAYS
 REGION THREE ENGINEER
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DATE: 12/19/2008

BY: *Louis F. Stauder*

LICENSE EXPIRES: NOVEMBER 30, 2009



HAMPTON, LENZINI & RENWICK, INC.
 CIVIL & STRUCTURAL ENGINEERS

HLR

3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

ELGIN • SPRINGFIELD

DESIGN FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR RURAL
 DESIGN TRAFFIC: 733 (2008) ADT 995 (2028) DHV
 DESIGN SPEED: 50 M.P.H.

CONTRACT NO. 91383

PLOT DATE: 11/27/2008 FILE NAME: 75987.dwg

SUMMARY OF QUANTITIES			
CODE #	ITEM	UNIT	TOTAL QUANTITY
20200500	EARTH EXCAVATION (WIDENING)	CU YD	2262
21400100	GRADING AND SHAPING DITCHES	FOOT	40744
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	22.25
25100630	EROSION CONTROL BLANKET	SQ YD	8829
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8900
28000300	TEMPORARY DITCH CHECKS	EACH	168
28000400	PERIMETER EROSION BARRIER	FOOT	3350
28000500	INLET AND PIPE PROTECTION	EACH	38
35100800	AGGREGATE BASE COURSE, TYPE A 9"	SQ YD	5656
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5691
40600300	AGGREGATE (PRIME COAT)	TON	113
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	6748
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	447
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	186
40600990	TEMPORARY RAMP	SQ YD	220
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	7660
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	4755
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	108
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	15
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	35
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	55
48101300	AGGREGATE SHOULDERS, TYPE B (SPECIAL)	TON	2682
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	6106
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2015
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	108
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	46628
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	162
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	213
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1
	SEE SPECIAL PROVISIONS		
	SPECIALITY ITEM		

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	2
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT			

CONTRACT NO. 91383

GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007", (HERE IN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2008; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE DOCUMENTS.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.

THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION

THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL COMMERCIAL, PRIVATE AND FIELD ENTRANCES AT ALL TIMES

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. SEEDING, CLASS 2 (SPECIAL) = 22.25 ACRES

THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.

EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.

AT ALL LOCATIONS WHERE THE PROPOSED HOT-MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT-MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

ANY MIXING OR PLACEMENT OF HOT-MIX ASPHALT MIXTURES OCCURRING PRIOR TO THE TEST STRIP EVALUATION IS AT THE CONTRACTOR'S OWN RISK.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

GRANULAR MATERIALS:	2.05 TONS / CU YD
BITUMINOUS MATERIALS PRIME COAT (ON PAVEMENT):	0.1 GAL / SQ YD
BITUMINOUS MATERIALS PRIME COAT (INTERMEDIATE LIFTS(FOG COAT)):	0.04 GAL / SQ YD
BITUMINOUS MATERIALS PRIME COAT (ON AGGREGATE SURFACE):	0.35 GAL / SQ YD
AGGREGATE PRIME COAT:	0.002 TONS / SQ YD
HMA RESURFACING:	112 LBS / SQ YD / INCH OF THICKNESS
SHORT TERM PAVEMENT MARKING:	10 FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS:	0.0003 TONS / SY YD
LEVEL BINDER (MACHINE METHOD):	112 LBS / SQ YD / INCH OF THICKNESS
SUPPLEMENTAL WATERING:	3 GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE:	2 LB / SQ YD / APPLICATION
TEMPORARY DITCH CHECKS:	5 TONS AGGREGATE
RIPRAP:	1.50 TONS / CU YD

THE FOLLOWING PAY ITEMS HAVE BEEN INCLUDED TO ESTABLISH UNIT RATES.

CLASS D PATCHES, TYPE II, 11 INCH
 CLASS D PATCHES, TYPE III, 11 INCH
 CLASS D PATCHES, TYPE IV, 11 INCH

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ELGIN • SPRINGFIELD

PROJECT NUMBER: 03-75-0007-1 DATE: 02/11/08
 DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: W.J.S.

SUMMARY OF QUANTITIES

SECTION 95-00215-01-RS

FAS 495 C.H. 2

PIATT COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	3
FED. ROAD DIST. NO. 7		ILLINOIS PROJECT		

CONTRACT NO. 91383

LOCATION	EARTH EXCAVATION (WIDENING)	GRADING AND SHAPING DITCHES	HOT-MIX ASPHALT SURFACE REMOVAL BUTT-JOINT	PCC SURFACE REMOVAL BUTT-JOINT	HOT-MIX ASPHALT SURFACE MIX C N50 1.5" MIN	LEVELING BINDER (MACHINE METHOD) N50 1.5" MIN	HOT-MIX ASPHALT BINDER CSE IL 19.0 2.5" MIN	AGGREGATE BASE COURSE TYPE A 9"	BITUMINOUS MATERIALS (PRIME COAT) 0.1 GAL/SY	AGGREGATE (PRIME COAT) 4LBS/SY	AGGREGATE SHOULDER TYPE B (SPECIAL) 6"	INCIDENTAL HOT-MIX ASPHALT SURFACING	TEMPORARY RAMP
	20200500 CU YD	21400100 FOOT	40600982 SQ YD	40600985 SQ YD	40603310 TON	40600625 TON	40603080 TON	35100800 SQ YD	40600100 GAL	40600300 TON	48101300 TON	40800050 TON	40600990 SQ YD
CH2													
STA 265+87.12 TO STA 272+77		1380	80		159	153	8		184	4	86		27
STA 3+34.5 TO STA 74+05.10	786	13738	93	93	1594	2510	2654	1964	1885	38	874		26
STA 74+28.16 TO STA 207+20	1476	25626	146	93	3002	4085	4998	3692	3544	71	1644		39
ENTRANCES									14		14	14	
SIDE ROADS			128						64		64	94	128
TOTAL	2262	40744	447	186	4755	6748	7660	5656	5691	113	2682	108	220

LOCATION	PERMANENT					SHORT TERM PVT MARKING	WORK ZONE MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
	SOLID SINGLE WHITE 4" LINE PAINT	SOLID SKIP_DASH YELLOW 4" LINE PAINT	SOLID SINGLE YELLOW 4" LINE PAINT	SOLID SINGLE WHITE 24" LINE PAINT	LETTERS & SYMBOLS	YELLOW 4" LINE CENTERLINE		
	78001110	78001110	78001110	78001110	78001100	78001110	70301000	78100100
	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	SQ FT	EACH
CH 2								
STA 3+34.50 TO STA 74+01.24	14134	1766		30		2120	700	97
RT STA 69+68 TO RT STA 73+61			400	36	54			
RT STA 74+67 TO RT STA 78+93			430	36	54			
STA 74+32.12 TO STA 207+20.00	26576	3322		60		3986	1315	116
	40710	5088	830	162	108	6106	2015	213
TOTAL		46628		162	108	6106	2015	213

ENTRANCE, SIDEROAD, & MAIL BOX TABULATION								
TYPE	LOC	STA	W	RADIUS	L	AREA	INC BIT	BIT PRIME
PE	LT STA	45+12	16		6	15	2	2
MBT	RT STA	45+12	4		47.5	15	2	2
SR	LT STA	48+11	18	30	30	103	15	10
SR	RT STA	48+15	18	30	30	103	15	10
SR	RT STA	100+79	18	30	30	103	15	10
SR	LT STA	100+89	18	30	30	103	15	10
PE & MBT	LT STA	123+85	16		6	19	2	2
SR	LT STA	153+86	22	30	30	116	17	12
SR	RT STA	153+87	22	30	30	116	17	12
PE & MBT	RT STA	168+81	16		6	19	2	2
PE	LT STA	180+46	16		6	15	2	2
MBT	RT STA	180+49	4		47.5	15.00	2	2
PE & MBT	RT STA	206+81	16		6	19	2	2
					TOTAL		108	78

MIXTURE REQUIREMENTS	
LOCATION(S):	C.H. 2
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE & INCIDENTAL
AC/PG:	PG 64 - 22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4% @ NDes 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 9.5
FRICION AGGREGATE:	MIXTURE C
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	C.H. 2
MIXTURE USE(S):	LEVELING BINDER (MACHINE METHOD)
AC/PG:	PG 64 - 22
RAP % (MAX):	25%
DESIGN AIR VOIDS:	4% @ NDes 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 9.5
FRICION AGGREGATE:	MIXTURE "C"
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	C.H. 2
MIXTURE USE(S):	HOT-MIX ASPHALT BINDER COURSE
AC/PG:	PG 64 - 22
RAP % (MAX):	25%
DESIGN AIR VOIDS:	4% @ NDes 50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL 19.0
FRICION AGGREGATE:	N/A
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

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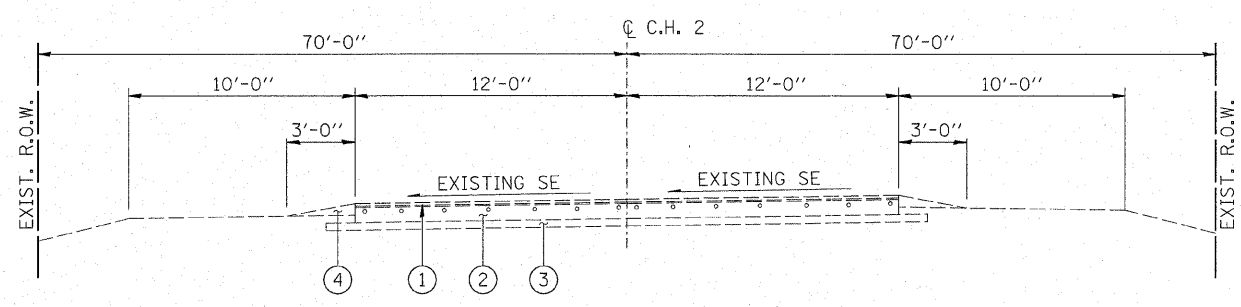
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ROADWAY QUANTITIES

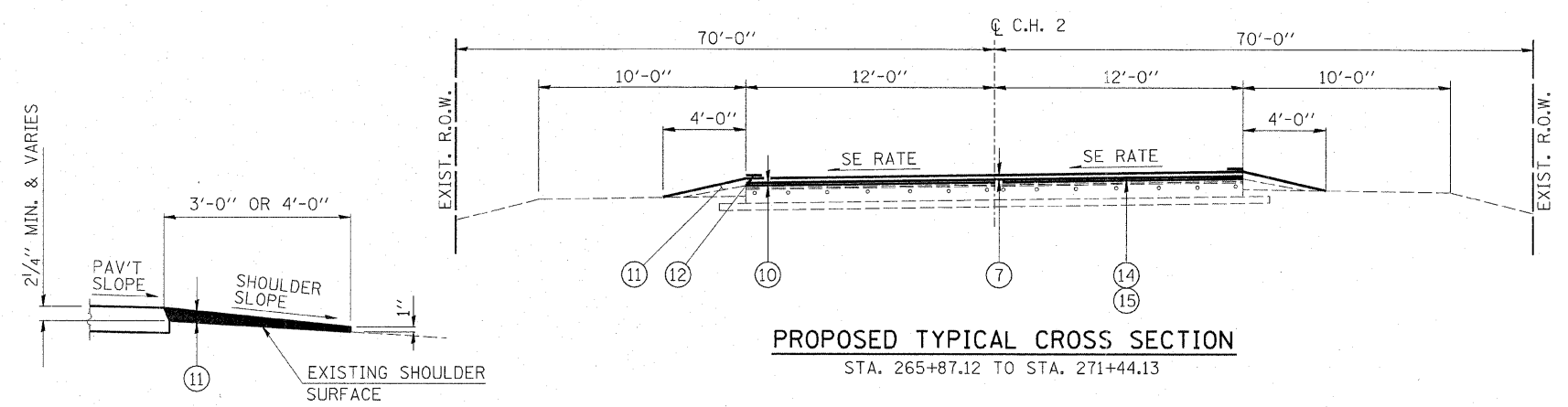
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FAS 495 C.H. 2

PIATT COUNTY

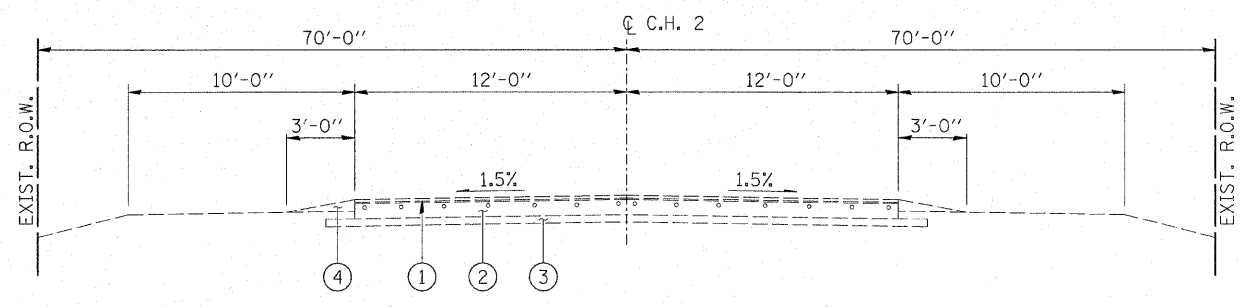
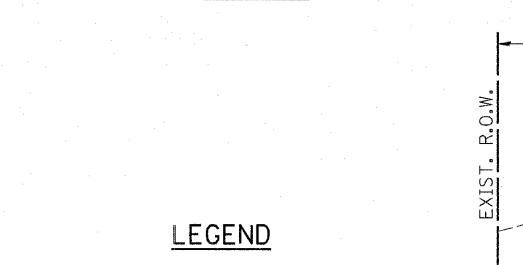


EXISTING TYPICAL CROSS SECTION
STA. 265+87.12 TO STA. 271+44.13

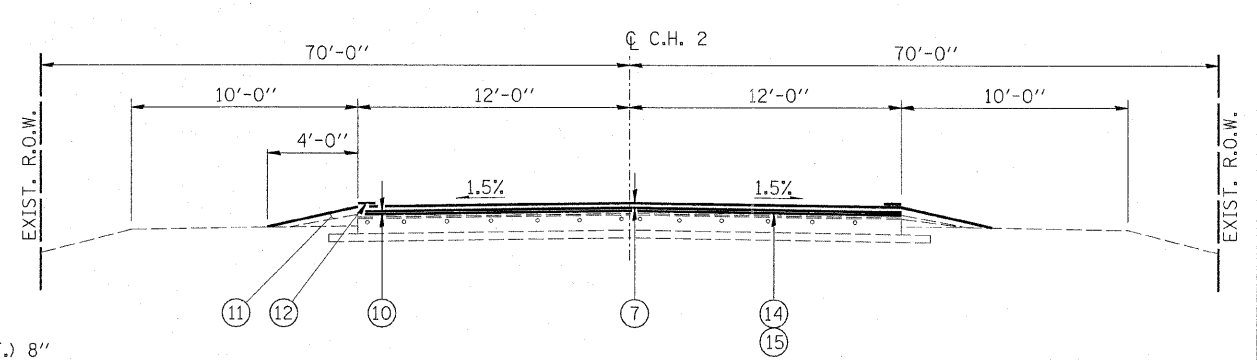


PROPOSED TYPICAL CROSS SECTION
STA. 265+87.12 TO STA. 271+44.13

DETAIL OF AGGREGATE SHOULDERS, TYPE B



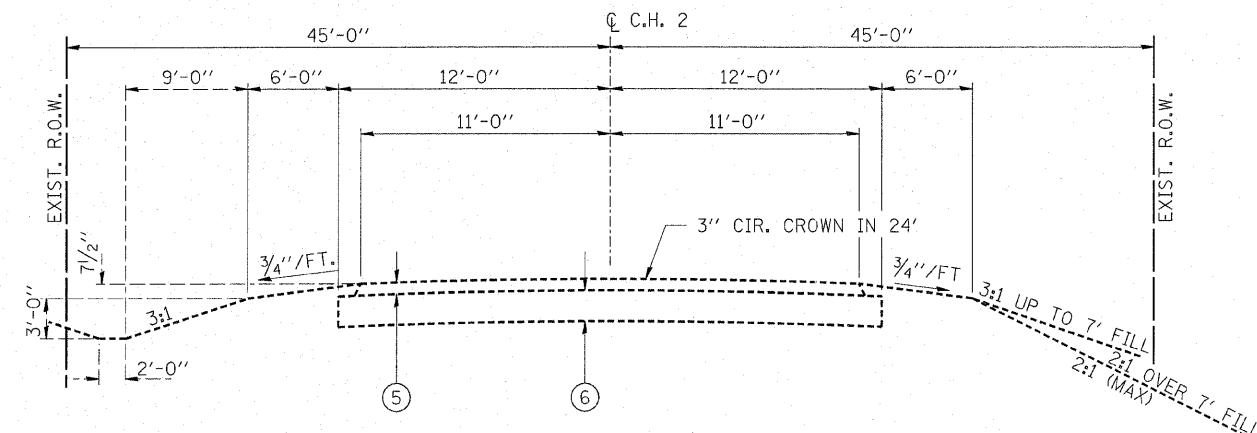
EXISTING TYPICAL CROSS SECTION
STA. 271+44.13 TO STA. 272+77.00 BACK = 3+34.50 AHEAD



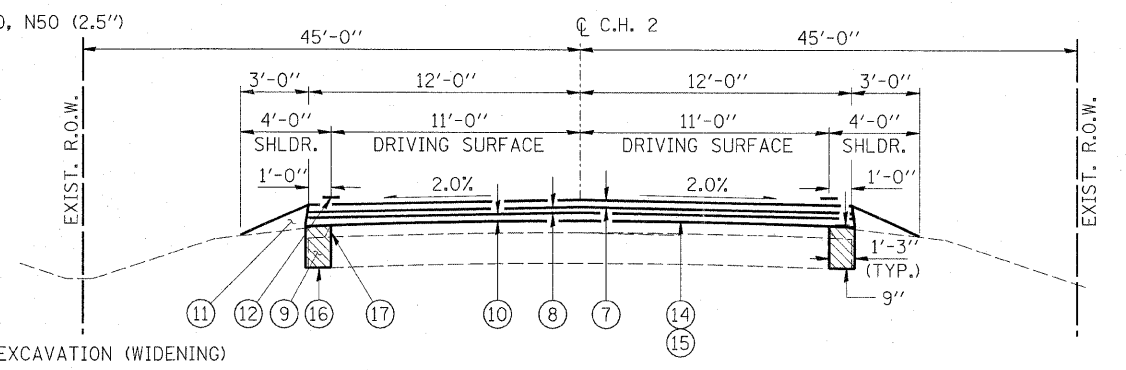
PROPOSED TYPICAL CROSS SECTION
STA. 271+44.13 TO STA. 272+77.00 BACK = 3+34.50 AHEAD

LEGEND

- ① EXISTING H.M.A. PAVEMENT
- ② EXISTING PCC PAVEMENT (STD. REINF.) 8"
- ③ EXISTING H.M.A. STABILIZED SUB BASE 4"
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING ASPHALT CHIP SURFACE
- ⑥ EXISTING AGGREGATE BASE COURSE 8"
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1.5")
- ⑧ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2.5")
- ⑨ AGGREGATE BASE COURSE, TYPE A, 9"
- ⑩ LEVELING BINDER (MACHINE METHOD), N50
- ⑪ AGGREGATE SHOULDERS TYPE B (SPECIAL)
- ⑫ PAINT PAVEMENT MARKING LINE 4"
- ⑬ INCIDENTAL HOT-MIX ASPHALT SURFACING
- ⑭ BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ AGGREGATE (PRIME COAT)
- ⑯ EARTH EXCAVATION (WIDENING)
- ⑰ SAW JOINT (COST INCLUDED WITH EARTH EXCAVATION (WIDENING))



EXISTING TYPICAL CROSS SECTION
STA. 3+34.50 TO STA. 74+05.10
STA. 74+28.26 TO STA. 207+20.00



PROPOSED TYPICAL CROSS SECTION
STA. 3+34.50 TO STA. 74+05.10
STA. 74+28.26 TO STA. 207+20.00

PAVEMENT DESIGN	
C.H. 2 STA. 3+34.50 TO STA. 207+20.00	
DESIGN PERIOD: 20 YEARS	
STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 854 YEAR 2018	
P.V. = 91.1% S.U. = 7.6% M.U. = 1.30%	
CLASS III ROAD	
PERCENT OF S.D.T. IN DESIGN LANE P = 50% S = 50% M = 50%	
80,000 LB. LOAD LIMIT	
DESIGN PER CHAPTER 37 SECTION 8.06 OF THE BUREAU OF LOCAL ROADS AND STREETS MANUAL	
TRAFFIC FACTOR = 0.11	
SN ₀ = 3.1	
SN ₁ = 1.1	
1.5" HMA SURFACE a ₁ = .6	
1.5" LEVELING BINDER a ₂ = .6	
2.5" HMA BINDER a ₃ = 0.83	

PAVEMENT DESIGN	
C.H. 2 STA. 265+87.12 TO STA. 271+44.13	
DESIGN PERIOD: 20 YEARS	
STRUCTURAL DESIGN TRAFFIC (S.D.T.) = 854 YEAR 2018	
P.V. = 91.1% S.U. = 7.6% M.U. = 1.30%	
CLASS III ROAD	
PERCENT OF S.D.T. IN DESIGN LANE P = 50% S = 50% M = 50%	
80,000 LB. LOAD LIMIT	
DESIGN PER CHAPTER 37 SECTION 8.08 OF THE BUREAU OF LOCAL ROADS AND STREETS MANUAL	
TRAFFIC FACTOR = 0.15	
SN ₀ = 2.45	
SN ₁ = 1.36	
1.5" HMA SURFACE a ₁ = .6	
1.5" LEVELING BINDER a ₂ = .6	

FORE SLOPES STEEPER THAN 3:1			
LT. STA.	50+00	TO LT. STA.	54+00
RT. STA.	66+00	TO RT. STA.	72+50
LT. STA.	66+00	TO LT. STA.	72+50
RT. STA.	75+00	TO RT. STA.	82+00
LT. STA.	75+00	TO LT. STA.	81+00
LT. STA.	103+00	TO LT. STA.	108+00
LT. STA.	200+00	TO LT. STA.	206+00
RT. STA.	200+00	TO RT. STA.	206+00

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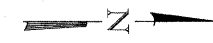
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TYPICAL SECTIONS

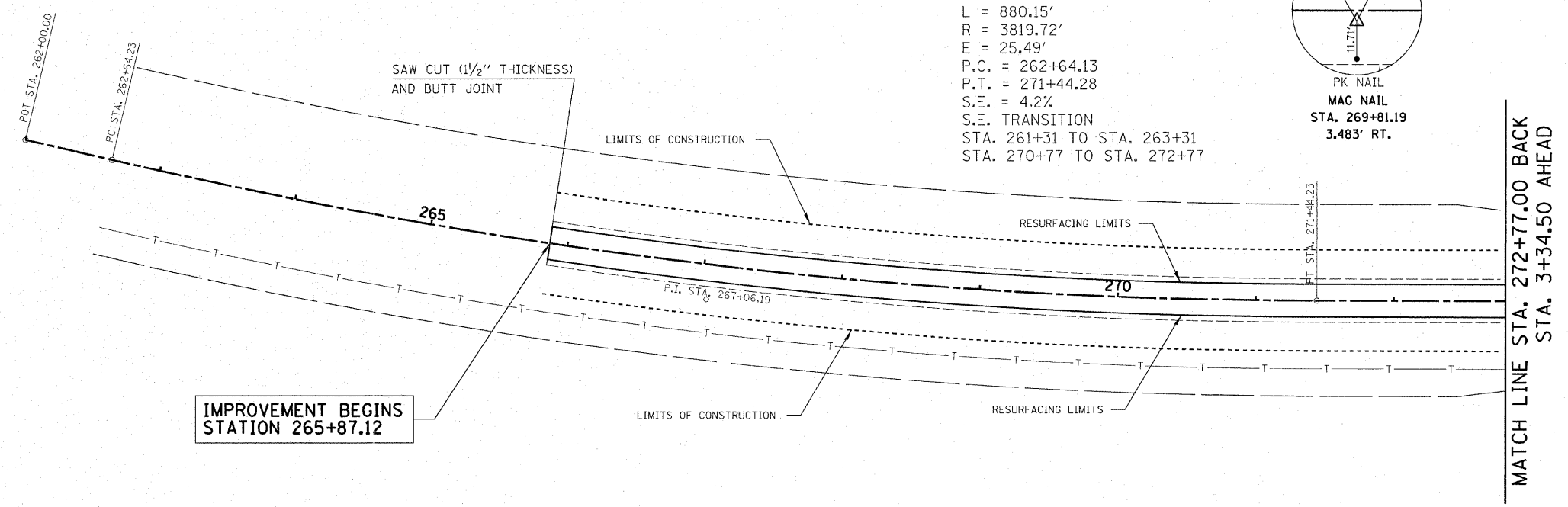
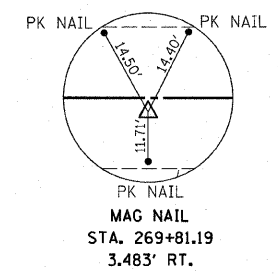
SECTION 95-00215-01-RS

FAS 495 C.H. 2
PIATT COUNTY

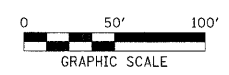
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA5 495	95-00215-01-RS	PIATT	21	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 91383				



P.I. 267+06.19
 D = 13°12'00" Lt.
 C = 1°30'00"
 T = 442.06'
 L = 880.15'
 R = 3819.72'
 E = 25.49'
 P.C. = 262+64.13
 P.T. = 271+44.28
 S.E. = 4.2%
 S.E. TRANSITION
 STA. 261+31 TO STA. 263+31
 STA. 270+77 TO STA. 272+77

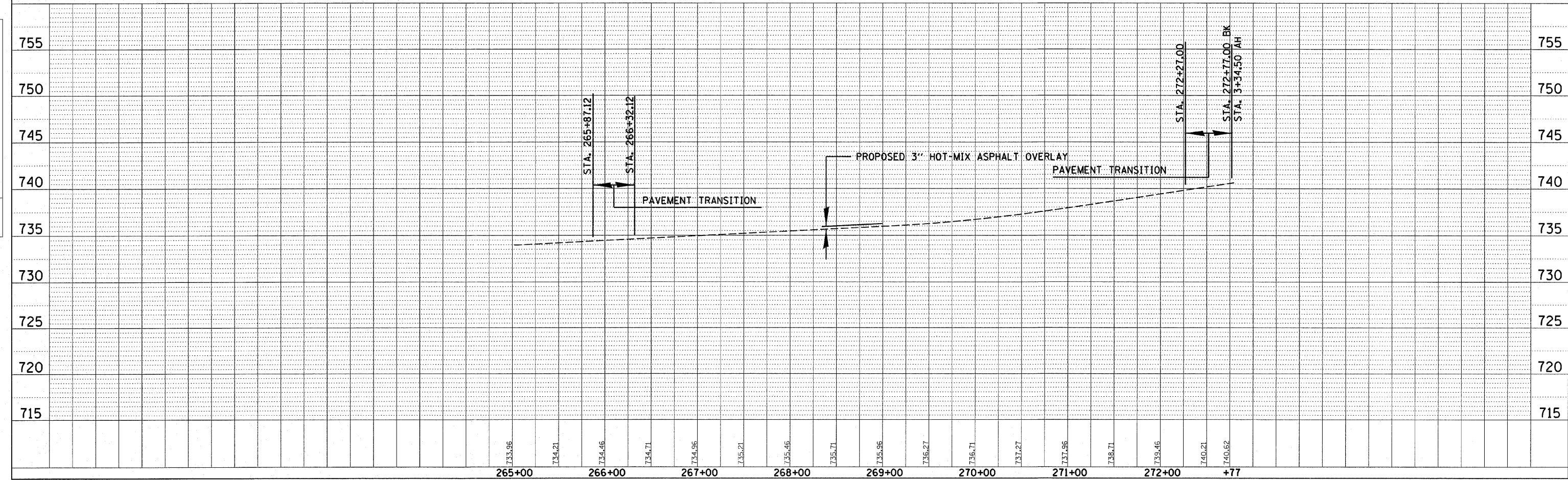


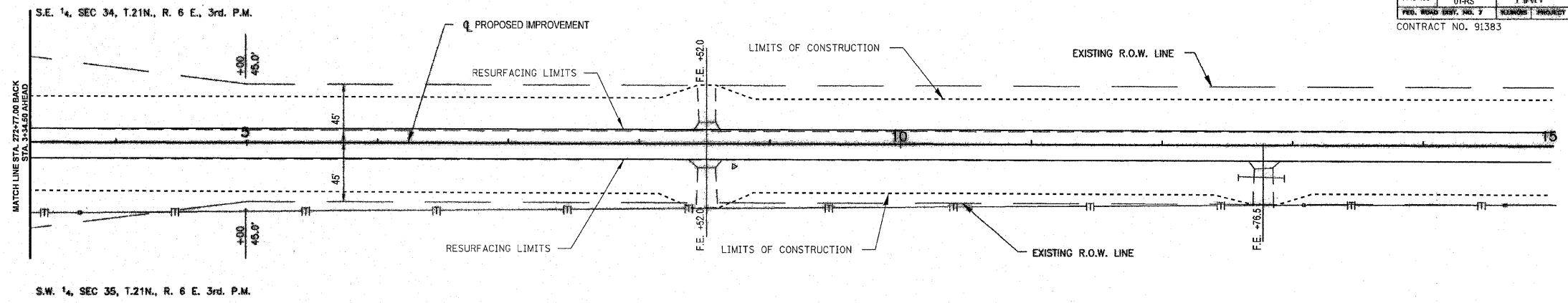
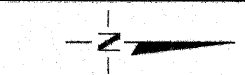
IMPROVEMENT BEGINS STATION 265+87.12



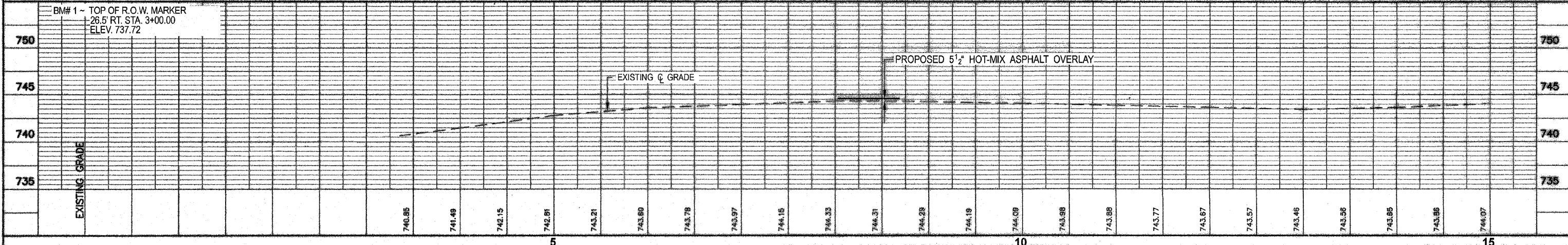
PLAN	SURVEYED	DATE
NOTE BOOK	BY	
NO.		

PROFILE	SURVEYED	DATE
NOTE BOOK	BY	
NO.		





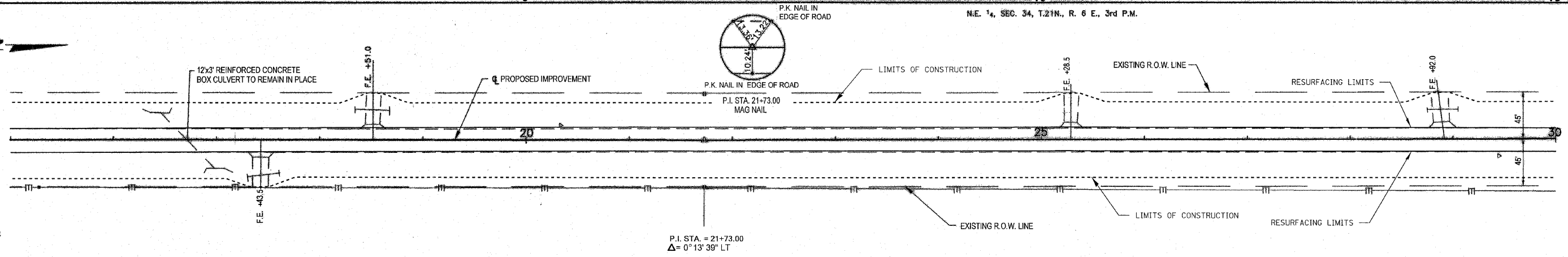
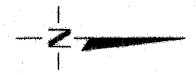
SCALES:
1" = 50' HOR
1" = 5' VER



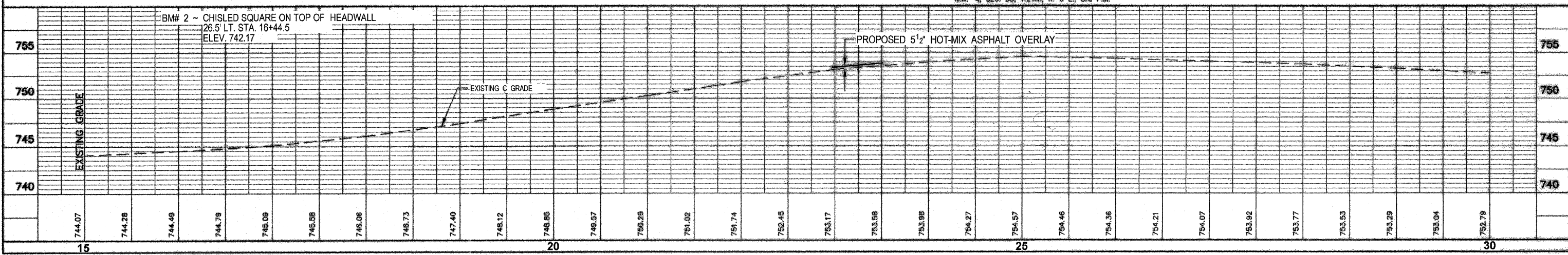
BM# 1 ~ TOP OF R.O.W. MARKER
26.5' RT. STA. 3+00.00
ELEV. 737.72

EXISTING GRADE

N.E. 1/4, SEC. 34, T.21N., R. 6 E., 3rd P.M.



SCALES:
1" = 50' HOR
1" = 5' VER



BM# 2 ~ CHISLED SQUARE ON TOP OF HEADWALL
26.5' LT. STA. 16+44.5
ELEV. 742.17

EXISTING GRADE

N.W. 1/4, SEC. 35, T.21N., R. 6 E., 3rd P.M.

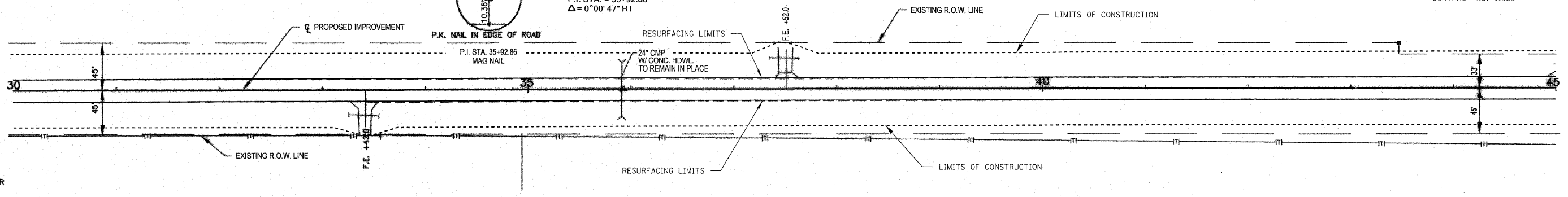
N.E. 1/4, SEC. 34, T.21 N., R. 6 E., 3rd. P. M.

P.K. NAIL IN EDGE OF ROAD



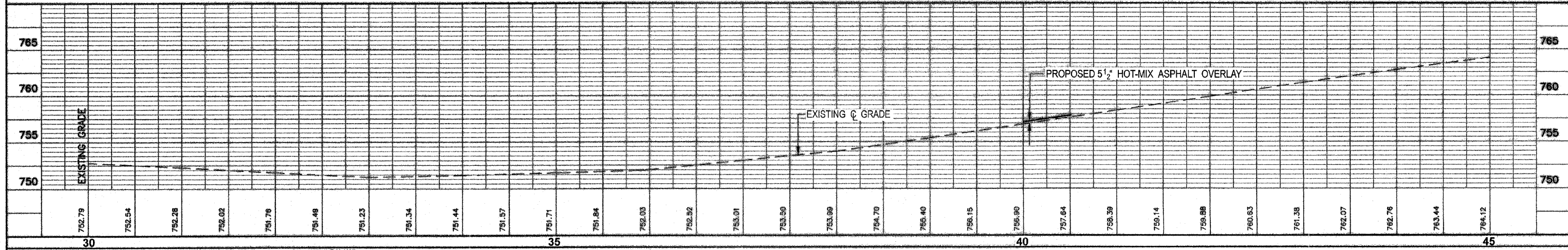
P.I. STA. = 35+92.86
 $\Delta = 0^{\circ}00'47''$ RT

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	7
CONTRACT NO. 91383				



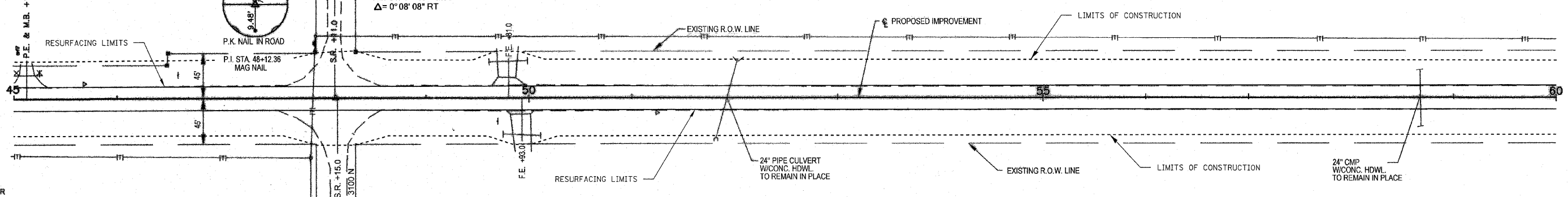
SCALES:
1" = 50' HOR
1" = 5' VER

N.W. 1/4, SEC. 35, T.21 N., R. 6 E., 3rd. P. M.



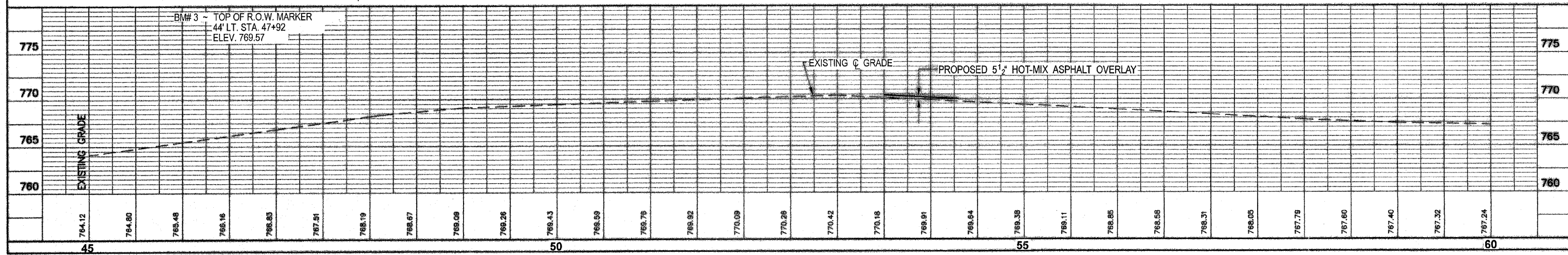
P.I. STA. = 48+12.36
 $\Delta = 0^{\circ}08'08''$ RT

S.E. 1/4, SEC. 27, T.21 N., R. 6 E., 3rd. P. M.

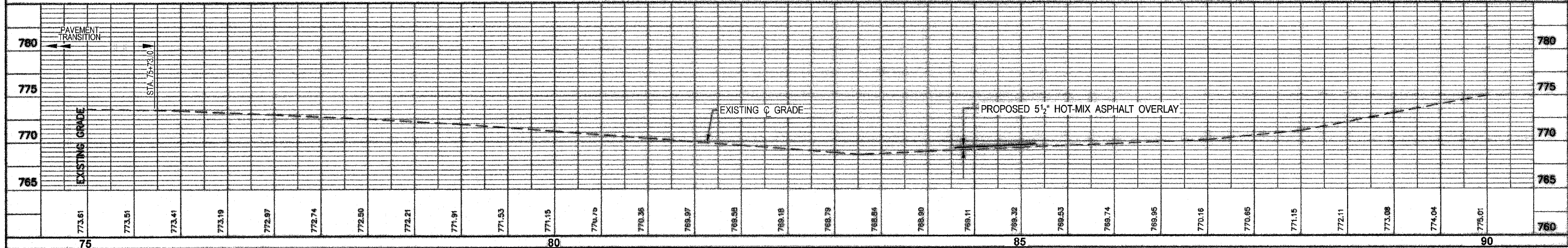
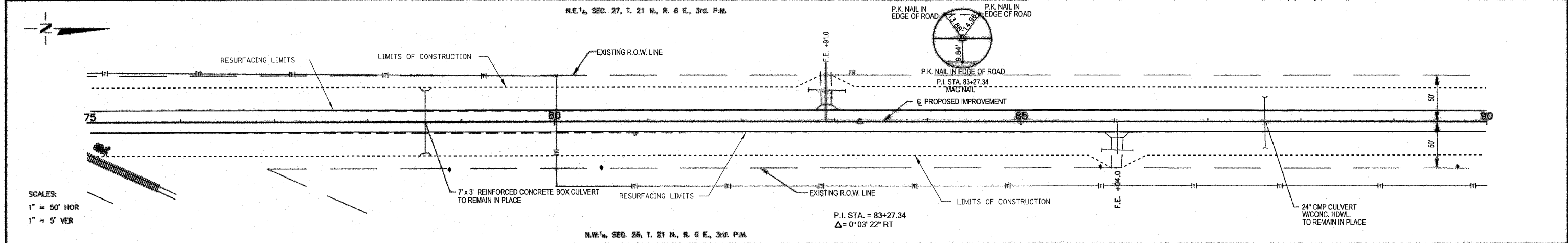
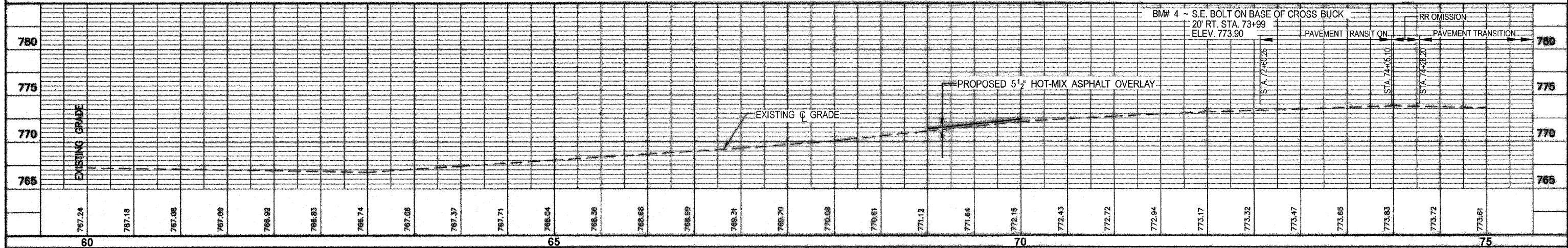
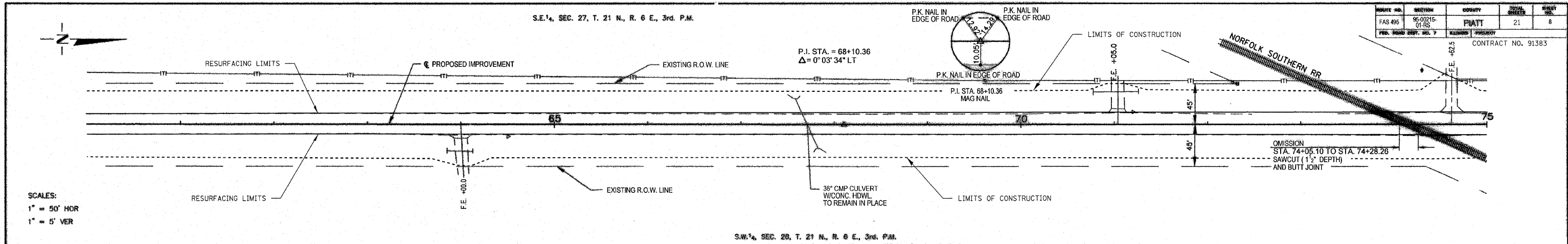


SCALES:
1" = 50' HOR
1" = 5' VER

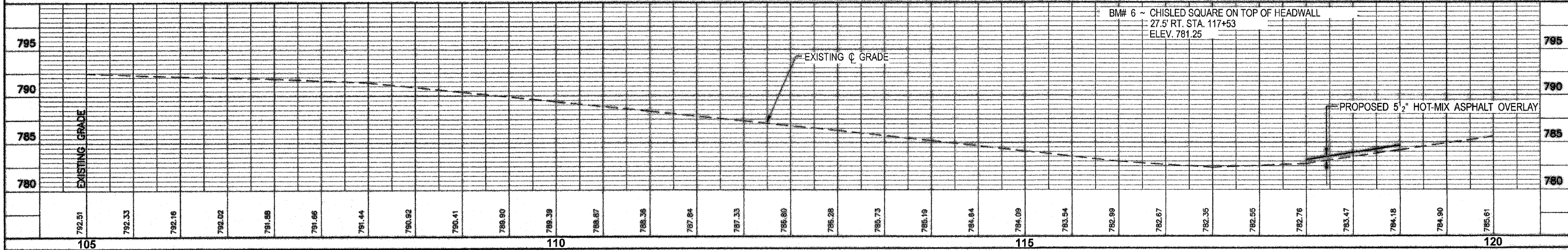
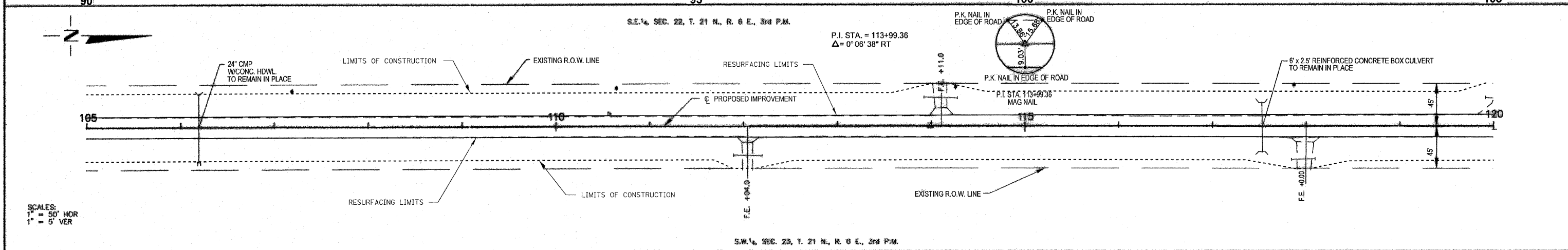
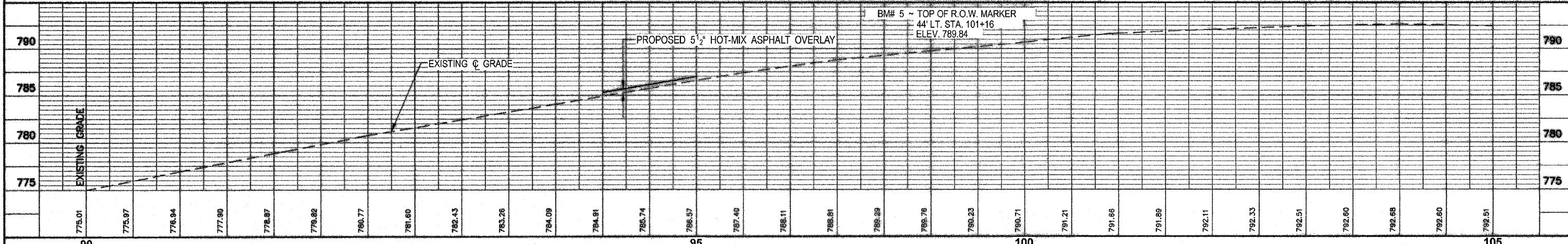
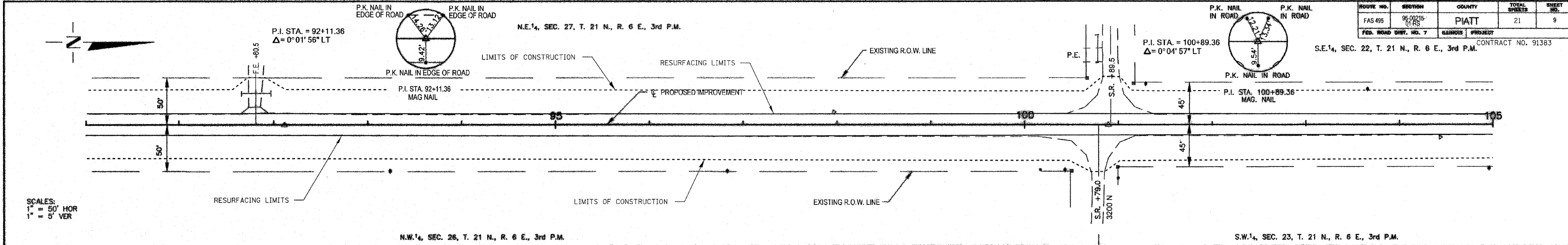
S.W. 1/4, SEC. 26, T.21 N., R. 6 E., 3rd. P. M.

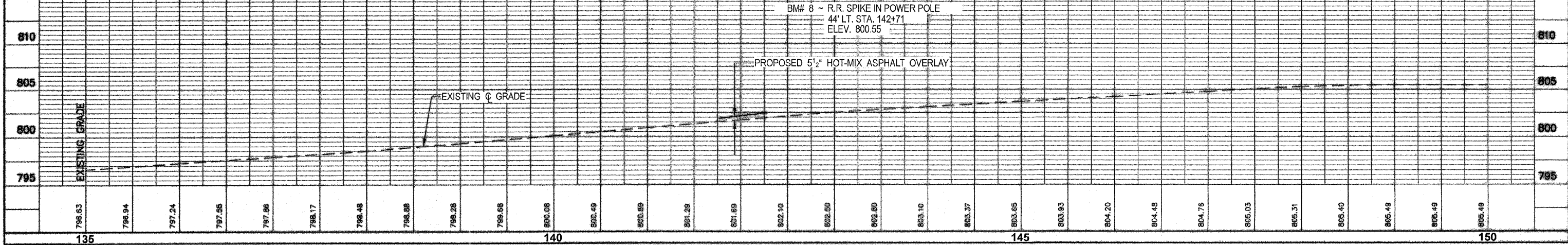
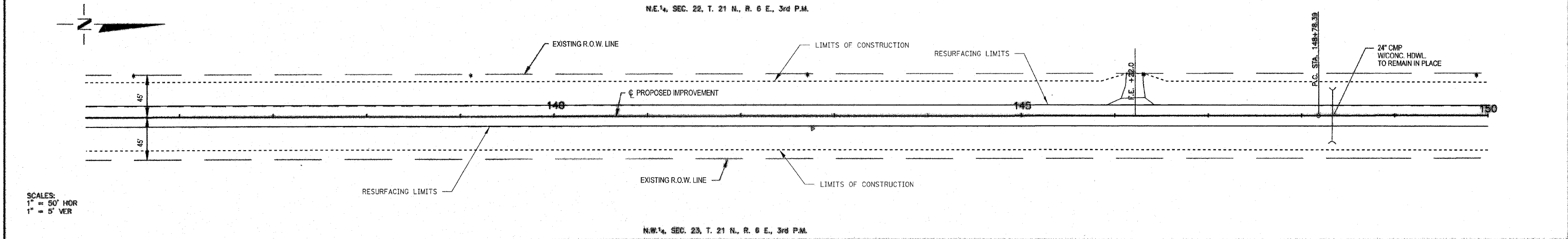
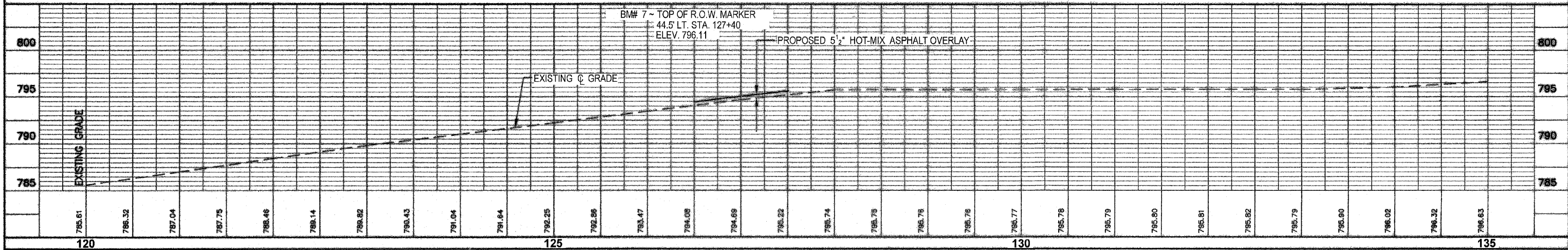
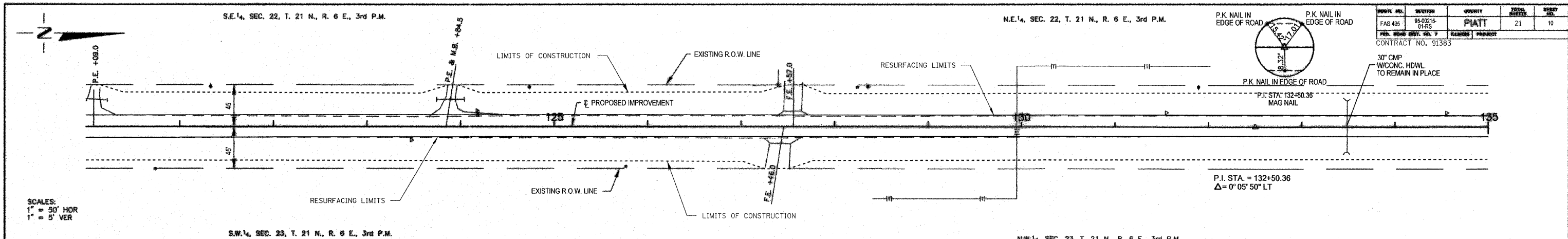


BM# 3 - TOP OF R.O.W. MARKER
44' LT. STA. 47+92
ELEV. 769.57



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	9
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT	CONTRACT NO. 91383		

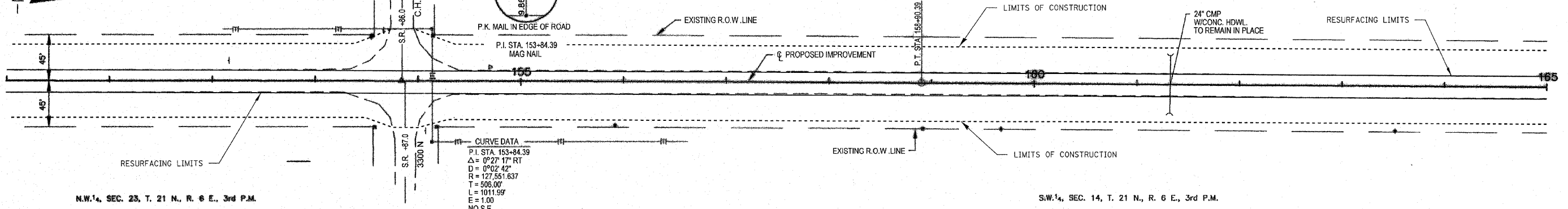
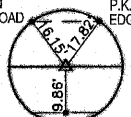
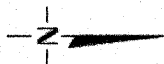




N.E. 1/4, SEC. 22, T. 21 N., R. 6 E., 3rd P.M.

S.E. 1/4, SEC. 15, T. 21 N., R. 6 E., 3rd P.M.

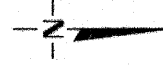
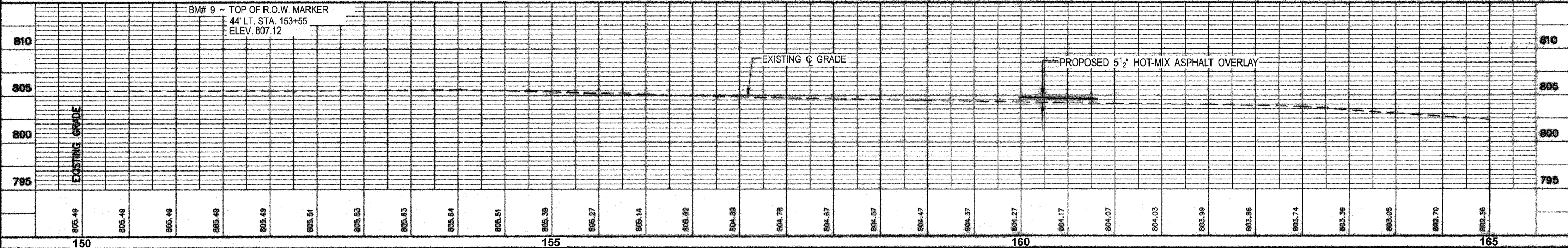
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 455	95-00215-DI-RS	PIATT	21	11
FED. ROAD DIST. NO. 7		ELWOOD PROJECT		
CONTRACT NO. 91383				



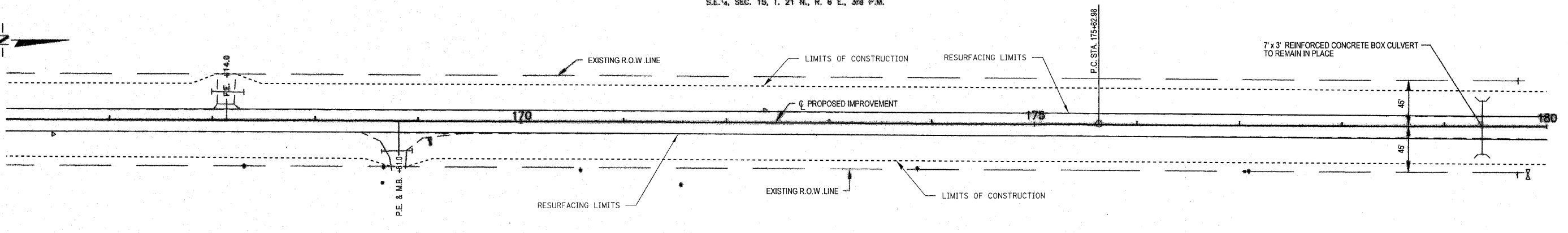
SCALES:
 1" = 50' HOR
 1" = 5' VER

N.W. 1/4, SEC. 23, T. 21 N., R. 6 E., 3rd P.M.

S.W. 1/4, SEC. 14, T. 21 N., R. 6 E., 3rd P.M.

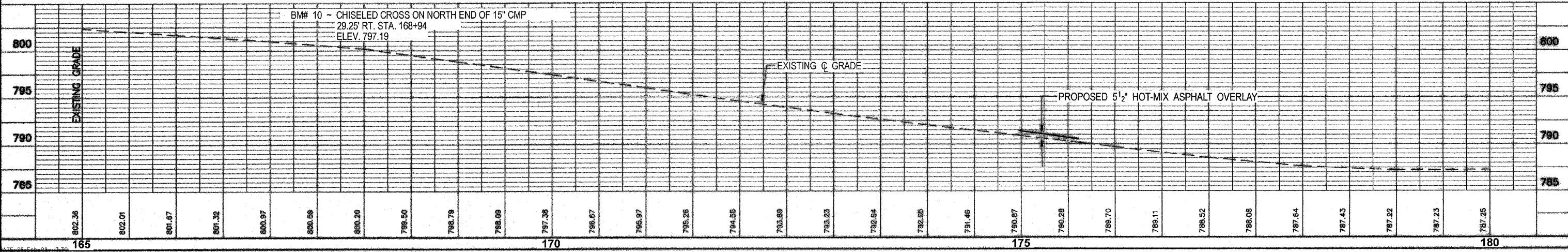


S.E. 1/4, SEC. 15, T. 21 N., R. 6 E., 3rd P.M.

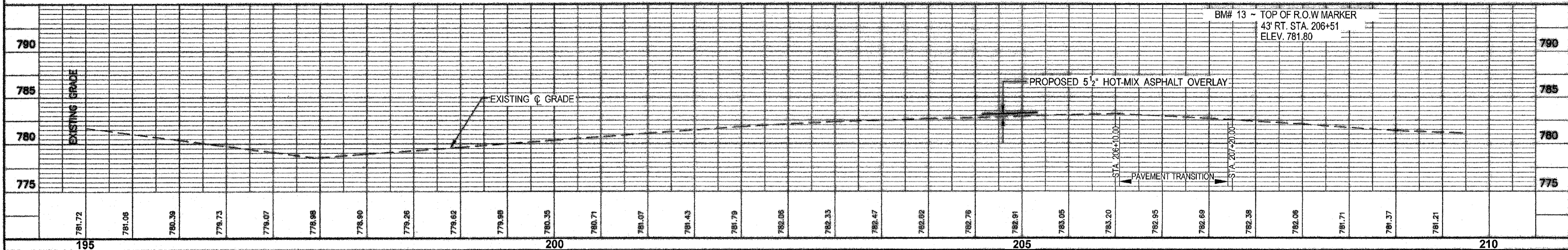
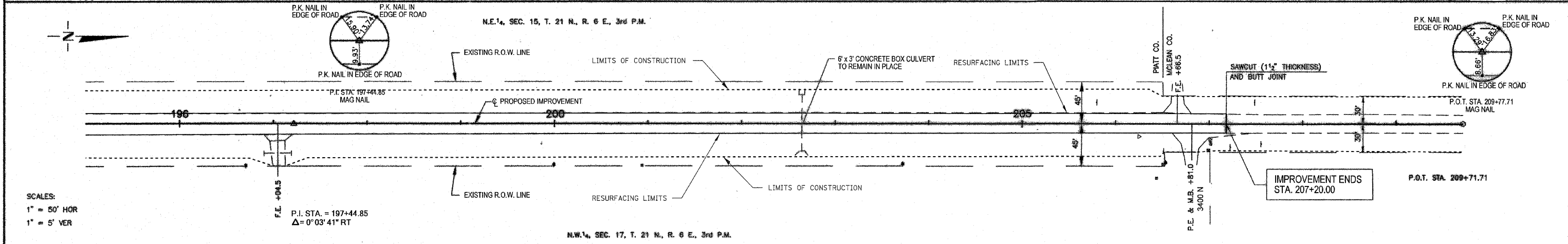
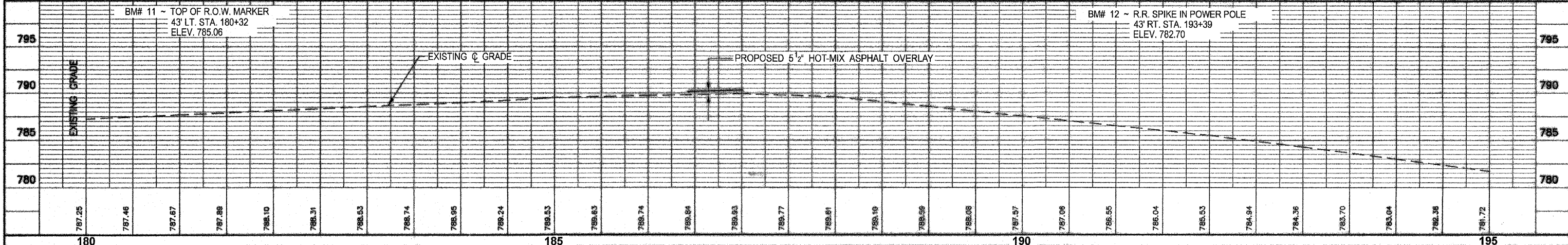
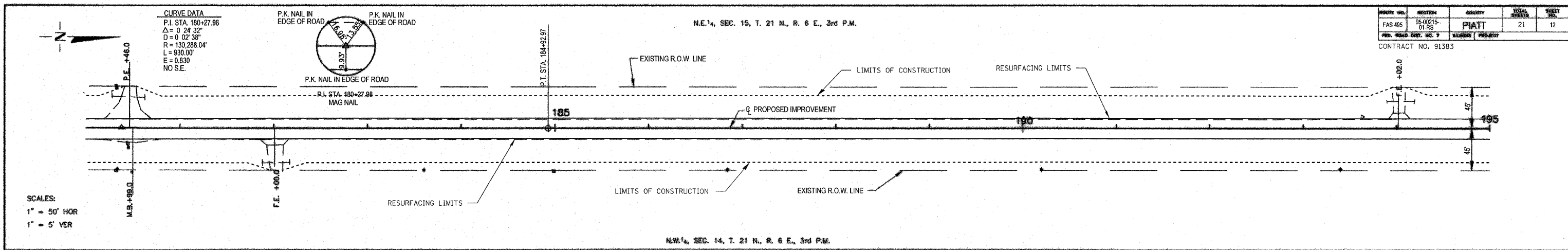


SCALES:
 1" = 50' HOR
 1" = 5' VER

S.W. 1/4, SEC. 14, T. 21 N., R. 6 E., 3rd P.M.

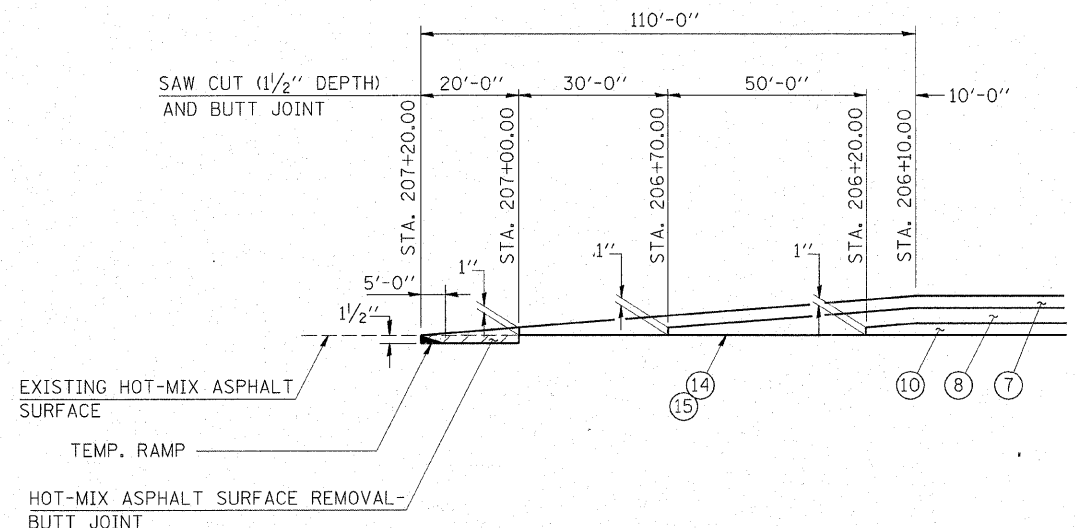


ROUTE NO.	SECTION	SHEET	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-95	PIATT	21	12
CONTRACT NO. 91383				

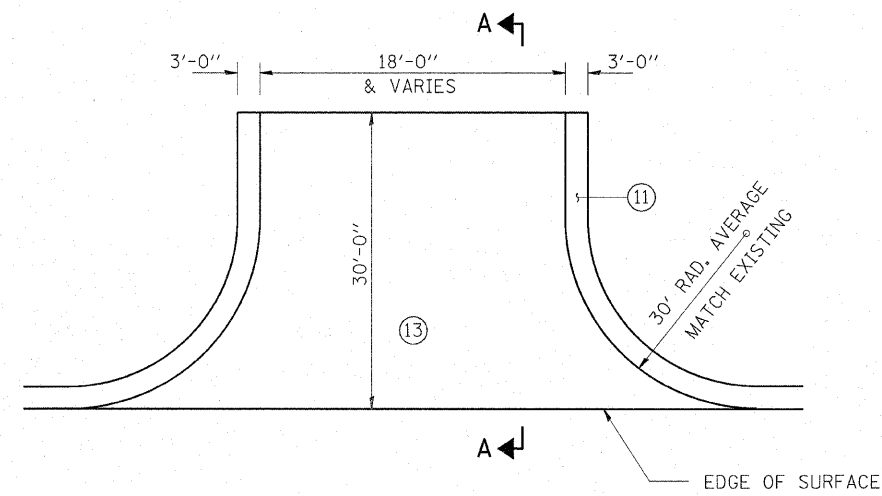


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	13
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT			

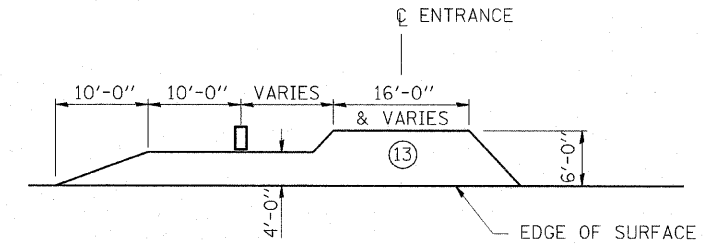
CONTRACT NO. 91383



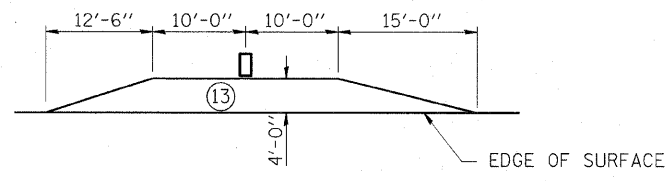
TRANSITION DETAIL



SIDE ROAD DETAIL
(6 EACH)

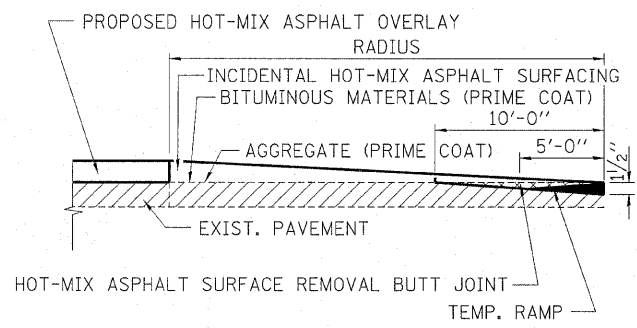


ENTRANCE WITH MAILBOX TURNOUT DETAIL
(3 EACH)

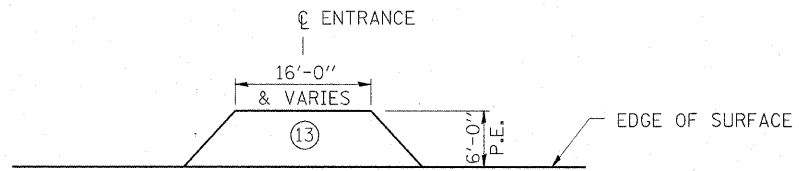


MAILBOX TURNOUT DETAIL
(2 EACH)

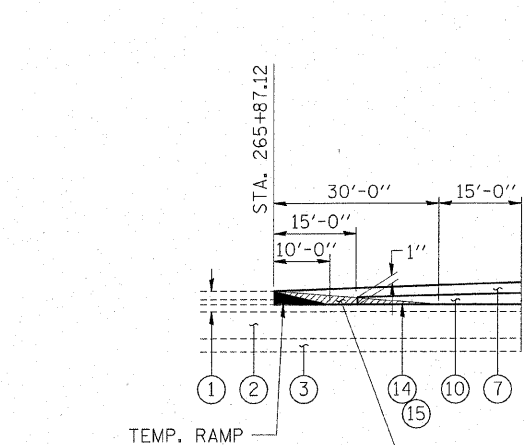
CONSTRUCT FULL DEPTH SURFACING AT THE EDGE OF THE MAIN LINE OVERLAY, THEN TAPER THICKNESS TO MEET EXISTING SURFACE AT THE END OF THE RADIUS RETURN OR AS DIRECTED BY THE ENGINEER.



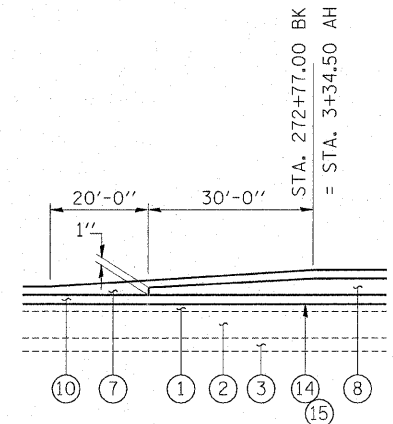
SECTION A-A



PRIVATE ENTRANCE DETAIL
(2 EACH)



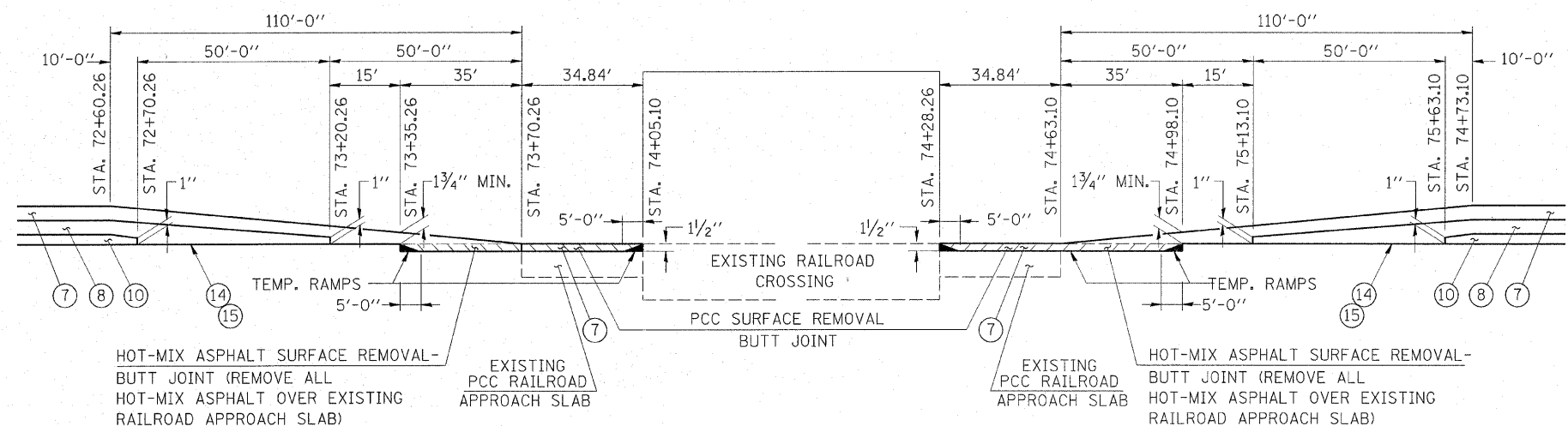
TRANSITION DETAIL



TRANSITION DETAIL

- LEGEND**
- ① EXISTING H.M.A. PAVEMENT
 - ② EXISTING PCC PAVEMENT (STD. REINF.) 8"
 - ③ EXISTING H.M.A. STABILIZED SUB BASE 4"
 - ④ EXISTING AGGREGATE SHOULDER
 - ⑤ EXISTING ASPHALT CHIP SURFACE
 - ⑥ EXISTING AGGREGATE BASE COURSE 8"
 - ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1.5")
 - ⑧ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (2.5")
 - ⑨ AGGREGATE BASE COURSE, TYPE A, 9"
 - ⑩ LEVELING BINDER (MACHINE METHOD), N50
 - ⑪ AGGREGATE SHOULDERS TYPE B (SPECIAL)
 - ⑫ PAINT PAVEMENT MARKING LINE 4"
 - ⑬ INCIDENTAL HOT-MIX ASPHALT SURFACING
 - ⑭ BITUMINOUS MATERIALS (PRIME COAT)
 - ⑮ AGGREGATE (PRIME COAT)

ALL EXCAVATION REQUIRED TO MAINTAIN FULL DEPTH SURFACING MATERIAL, AT PROPOSED ENTRANCES, IS INCIDENTAL TO HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AND SHALL NOT BE PAID FOR SEPARATELY.



RAILROAD CROSSING TRANSITION DETAIL

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 03-75-0007-1 DATE: 01/16/08
DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: W.J.S.

ENTRANCE & TRANSITION DETAILS

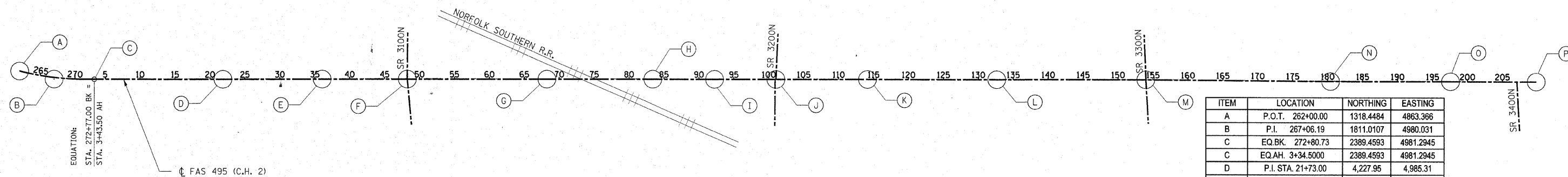
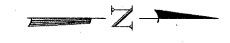
SECTION 95-00215-01-RS
FAS 495 C.H. 2
PIATT COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	14
FED. ROAD DIST. NO. 7		ILLINOIS PROJECT	CONTRACT NO. 91383	

CURVE CURCH21
 PI STA. 267+06.19
 $\Delta = 13^\circ 12' 00''$ (LT)
 $D = 1^\circ 30' 00''$
 $T = 441.96'$
 $R = 3,819.72'$
 $L = 880.00'$
 $E = 25.48'$
 PC STA. 262+64.23
 PT STA. 271+44.23

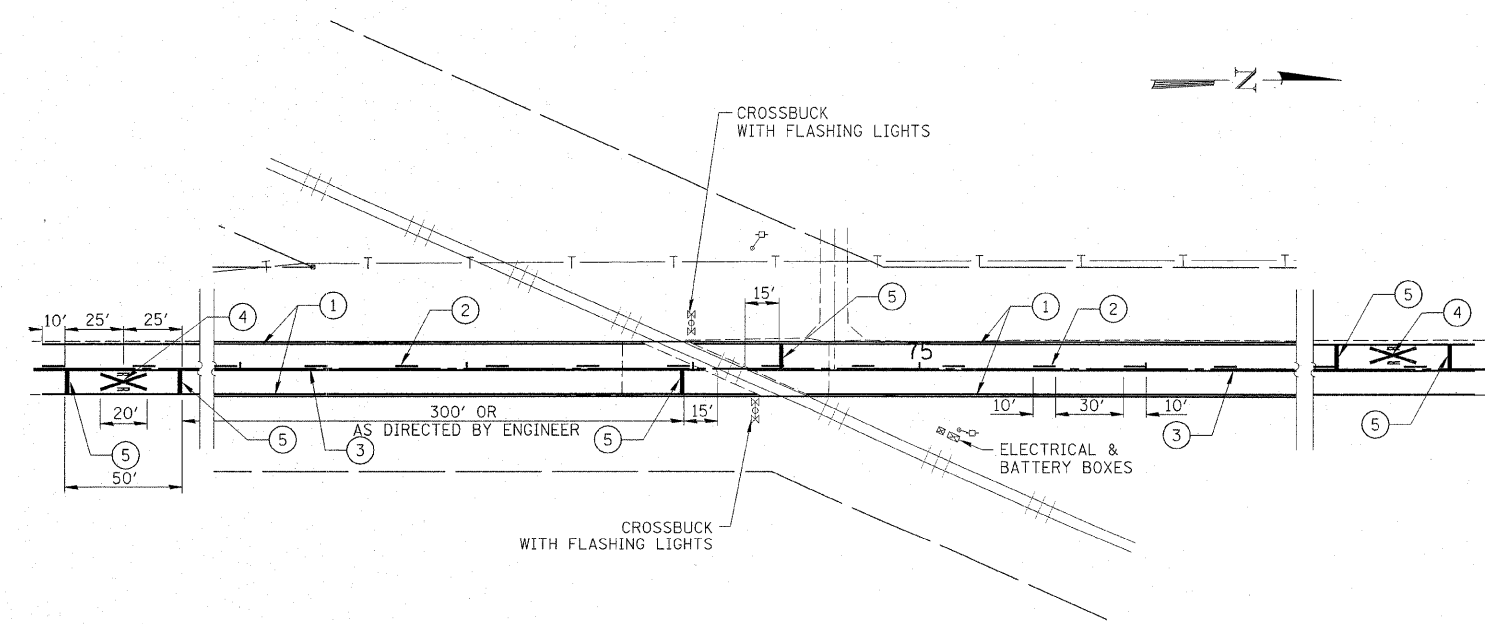
CURVE CURCH22
 PI STA. 157+84.24
 $\Delta = 0^\circ 27' 17''$ (RT)
 $D = 0^\circ 02' 42''$
 $T = 506.27'$
 $R = 127,551.64'$
 $L = 1,012.54'$
 $E = 1.00'$
 PC STA. 152+77.97
 PT STA. 162+90.51

CURVE CURCH23
 PI STA. 180+40.70
 $\Delta = 0^\circ 24' 32''$ (LT)
 $D = 0^\circ 02' 38''$
 $T = 464.56'$
 $R = 130,228.04'$
 $L = 929.11'$
 $E = 0.83'$
 PC STA. 175+76.14
 PT STA. 185+05.25



ITEM	LOCATION	NORTHING	EASTING
A	P.O.T. 262+00.00	1318.4484	4863.366
B	P.I. 267+06.19	1811.0107	4980.031
C	EQ.BK. 272+80.73	2389.4593	4981.2945
C	EQ.AH. 3+34.5000	2389.4593	4981.2945
D	P.I. STA. 21+73.00	4,227.95	4,985.31
E	P.I. STA. 35+92.86	5,647.81	4,982.77
F	P.I. STA. 48+12.36	6,867.31	4,980.87
G	P.I. STA. 68+10.36	8,865.31	4,982.48
H	P.I. STA. 83+27.34	10,382.29	4,982.13
I	P.I. STA. 92+11.36	11,266.31	4,982.79
J	P.I. STA. 100+89.36	12,144.31	4,982.95
K	P.I. STA. 113+99.35	13,454.30	4,981.30
L	P.I. STA. 132+50.35	15,305.30	4,982.55
M	P.I. STA. 153+84.39	17,439.34	4,980.35
N	P.I. STA. 180+27.97	20,082.86	4,998.61
O	P.I. STA. 197+44.85	21,799.74	4,998.22
P	P.I. STA. 209+71.71	23,026.60	4,999.71

HORIZONTAL ALIGNMENT
 FAS 495 C.H. 2



LEGEND

- ① 4" WHITE LINE
- ② 4" SKIP DASH YELLOW LINE
- ③ 4" YELLOW LINE
- ④ LETTERS AND SYMBOLS
- ⑤ 24" WHITE LINE

PAVEMENT MARKING

0 40' 80'
 GRAPHIC SCALE

HAMPTON, LENZINI & RENWICK, INC.
 CIVIL & STRUCTURAL ENGINEERS

3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 548-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 03-75-0007-1 DATE: 02/11/08
 DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: TWK

HORIZONTAL ALIGNMENT
PAVEMENT MARKING
 SECTION 95-00215-01-RS
 FAS 495 C.H. 2
 PIATT COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	15
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 91383

DITCH ELEVATION TABULATION						
LOC.	STATION	ELEVATION	LOC.	STATION	ELEVATION	FOOT
RT. STA.	265+87.12	STD DITCH	TO RT. STA.	272+77.00	STD DITCH	690
LT. STA.	265+87.12	STD DITCH	TO LT. STA.	272+77.00	STD DITCH	690
RT. STA.	3+34.50	STD DITCH	TO RT. STA.	9+00.00	STD DITCH	566
LT. STA.	3+34.50	STD DITCH	TO LT. STA.	12+00.00	STD DITCH	866
RT. STA.	9+00.00	742.30	TO RT. STA.	17+00.00	739.90	800
LT. STA.	12+00.00	739.82	TO LT. STA.	16+45.00	728.00	445
LT. STA.	16+45.00	728.00	TO LT. STA.	20+00.00	745.38	355
RT. STA.	17+00.00	739.90	TO RT. STA.	20+00.00	745.38	300
RT. STA.	20+00.00	STD DITCH	TO RT. STA.	28+00.00	STD DITCH	800
LT. STA.	20+00.00	STD DITCH	TO LT. STA.	28+00.00	STD DITCH	800
RT. STA.	28+00.00	750.44	TO RT. STA.	29+00.00	750.03	100
LT. STA.	28+00.00	750.44	TO LT. STA.	29+00.00	749.03	100
RT. STA.	29+00.00	750.03	TO RT. STA.	30+00.00	749.33	100
LT. STA.	29+00.00	749.03	TO LT. STA.	30+00.00	748.83	100
LT. STA.	30+00.00	748.83	TO LT. STA.	35+90.00	747.65	590
RT. STA.	30+00.00	749.33	TO RT. STA.	35+90.00	748.15	590
RT. STA.	35+90.00	748.15	TO RT. STA.	37+00.00	749.31	110
LT. STA.	35+90.00	747.65	TO LT. STA.	37+00.00	748.33	110
RT. STA.	37+00.00	STD DITCH	TO RT. STA.	47+68.00	STD DITCH	1068
LT. STA.	37+00.00	748.33	TO LT. STA.	39+00.00	750.75	200
LT. STA.	39+00.00	750.75	TO LT. STA.	44+00.00	760.40	500
LT. STA.	44+00.00	760.40	TO LT. STA.	47+68.00	766.33	368
RT. STA.	48+56.00	765.19	TO RT. STA.	51+80.00	763	324
LT. STA.	48+56.00	766.19	TO LT. STA.	52+00.00	759.5	344
RT. STA.	51+80.00	763	TO RT. STA.	53+00.00	763.76	120
LT. STA.	52+00.00	759.5	TO LT. STA.	53+00.00	760.46	100
RT. STA.	53+00.00	763.76	TO RT. STA.	55+00.00	766.42	200
LT. STA.	53+00.00	760.46	TO LT. STA.	55+00.00	766.42	200
RT. STA.	55+00.00	766.42	TO RT. STA.	58+66.00	763.71	366
LT. STA.	55+00.00	766.42	TO LT. STA.	58+00.00	763.12	300
LT. STA.	58+00.00	763.12	TO LT. STA.	58+66.00	762.71	66
LT. STA.	59+00.00	STD DITCH	TO LT. STA.	61+00.00	STD DITCH	200
RT. STA.	59+00.00	764.76	TO RT. STA.	60+00.00	764.3	100
RT. STA.	60+00.00	764.3	TO RT. STA.	67+71.00	761.28	771
LT. STA.	61+00.00	763.12	TO LT. STA.	67+52.00	760.75	652
LT. STA.	67+52.00	760.75	TO LT. STA.	68+00.00	761.18	48
LT. STA.	68+00.00	761.18	TO LT. STA.	72+50.00	765	450
RT. STA.	67+71.00	761.28	TO RT. STA.	74+00.00	768.01	629
LT. STA.	75+00.00	767.1	TO LT. STA.	76+00.00	762	100
LT. STA.	76+00.00	762	TO LT. STA.	77+00.00	760.5	100
LT. STA.	77+00.00	760.5	TO LT. STA.	78+00.00	760	100
LT. STA.	78+00.00	760	TO LT. STA.	78+60.00	759.5	60
RT. STA.	78+60.00	759.6	TO RT. STA.	79+00.00	759.87	40
LT. STA.	78+60.00	759.5	TO LT. STA.	81+00.00	761.25	240
RT. STA.	79+00.00	759.87	TO RT. STA.	85+00.00	764.91	600
LT. STA.	81+00.00	761.25	TO LT. STA.	85+00.00	764.91	400
RT. STA.	85+00.00	STD DITCH	TO RT. STA.	90+00.00	STD DITCH	500
LT. STA.	85+00.00	STD DITCH	TO LT. STA.	90+00.00	STD DITCH	500
RT. STA.	90+00.00	770.7	TO RT. STA.	94+00.00	777.02	400
LT. STA.	90+00.00	770.7	TO LT. STA.	94+00.00	777.02	400
RT. STA.	94+00.00	777.02	TO RT. STA.	96+00.00	782.66	200
LT. STA.	94+00.00	777.02	TO LT. STA.	96+00.00	782.66	200
RT. STA.	96+00.00	STD DITCH	TO RT. STA.	101+00.00	STD DITCH	500
LT. STA.	96+00.00	STD DITCH	TO LT. STA.	101+00.00	STD DITCH	500
RT. STA.	101+00.00	788	TO RT. STA.	105+00.00	785.92	400
LT. STA.	101+00.00	788	TO LT. STA.	102+00.00	786.5	100
LT. STA.	102+00.00	786.5	TO LT. STA.	105+50.00	783	350
RT. STA.	105+00.00	785.92	TO RT. STA.	106+18.00	785.5	118
LT. STA.	105+50.00	783	TO LT. STA.	106+18.00	780	68
RT. STA.	106+18.00	785.5	TO RT. STA.	109+00.00	787.46	282
LT. STA.	106+18.00	780	TO LT. STA.	107+00.00	782.1	82
LT. STA.	107+00.00	782.1	TO LT. STA.	109+00.00	787.46	200
RT. STA.	109+00.00	STD DITCH	TO RT. STA.	116+00.00	STD DITCH	700
LT. STA.	109+00.00	787.46	TO LT. STA.	112+00.00	782.27	300
LT. STA.	112+00.00	782.27	TO LT. STA.	116+00.00	778	400
LT. STA.	116+00.00	778	TO LT. STA.	117+50.00	775.75	150
RT. STA.	116+00.00	779	TO RT. STA.	117+50.00	777.75	150
LT. STA.	117+50.00	775.75	TO LT. STA.	118+00.00	776.52	50
RT. STA.	117+50.00	777.75	TO RT. STA.	118+00.00	778	50

DITCH ELEVATION TABULATION						
LOC.	STATION	ELEVATION	LOC.	STATION	ELEVATION	FOOT
RT. STA.	118+00.00	778	TO RT. STA.	119+00.00	778.76	100
LT. STA.	118+00.00	776.52	TO LT. STA.	120+00.00	780.6	200
RT. STA.	119+00.00	778.76	TO RT. STA.	120+00.00	780.6	100
RT. STA.	120+00.00	STD DITCH	TO RT. STA.	126+00.00	STD DITCH	600
LT. STA.	120+00.00	STD DITCH	TO LT. STA.	129+00.00	STD DITCH	900
RT. STA.	126+00.00	790.58	TO RT. STA.	127+38.00	792.73	138
RT. STA.	127+38.00	792.73	TO RT. STA.	133+46.00	789.69	608
LT. STA.	131+00.00	STD DITCH	TO LT. STA.	132+50.00	STD DITCH	150
RT. STA.	133+46.00	789.69	TO RT. STA.	137+00.00	793.97	354
LT. STA.	133+46.00	788.7	TO LT. STA.	134+50.00	788.97	104
LT. STA.	134+50.00	788.97	TO LT. STA.	137+00.00	793.97	250
RT. STA.	137+00.00	STD DITCH	TO RT. STA.	148+30.00	STD DITCH	1130
LT. STA.	137+00.00	793.97	TO LT. STA.	143+00.00	797.75	600
LT. STA.	143+00.00	797.75	TO LT. STA.	146+15.00	800.96	315
LT. STA.	146+15.00	800.96	TO LT. STA.	148+30.00	800.1	215
LT. STA.	148+30.00	800.1	TO LT. STA.	150+00.00	800.68	170
RT. STA.	148+30.00	800.9	TO RT. STA.	150+00.00	801.24	170
LT. STA.	150+00.00	800.68	TO LT. STA.	153+84.00	802	384
RT. STA.	150+00.00	801.24	TO RT. STA.	153+84.00	802	384
RT. STA.	154+00.00	STD DITCH	TO RT. STA.	158+00.00	STD DITCH	400
LT. STA.	154+00.00	STD DITCH	TO LT. STA.	158+00.00	STD DITCH	400
LT. STA.	158+00.00	800.99	TO LT. STA.	161+29.00	796.8	329
RT. STA.	158+00.00	800.99	TO RT. STA.	161+29.00	797.7	329
LT. STA.	161+29.00	796.8	TO LT. STA.	162+00.00	796.99	71
RT. STA.	161+29.00	797.7	TO RT. STA.	162+00.00	797.99	71
LT. STA.	162+00.00	796.99	TO LT. STA.	163+00.00	799.99	100
RT. STA.	162+00.00	797.99	TO RT. STA.	163+00.00	799.99	100
RT. STA.	163+00.00	STD DITCH	TO RT. STA.	168+00.00	STD DITCH	500
LT. STA.	163+00.00	STD DITCH	TO LT. STA.	170+00.00	STD DITCH	700
RT. STA.	168+00.00	796.51	TO RT. STA.	169+00.00	796	100
RT. STA.	169+00.00	796	TO RT. STA.	173+00.00	788	400
LT. STA.	170+00.00	793.83	TO LT. STA.	172+50.00	788.43	250
LT. STA.	172+50.00	788.43	TO LT. STA.	178+00.00	781.89	550
RT. STA.	173+00.00	788	TO RT. STA.	175+00.00	786.88	200
RT. STA.	175+00.00	STD DITCH	TO RT. STA.	177+00.00	STD DITCH	200
RT. STA.	177+00.00	784.64	TO RT. STA.	179+33.00	780	233
LT. STA.	178+00.00	781.89	TO LT. STA.	179+33.00	780.8	133
RT. STA.	179+33.00	780	TO RT. STA.	180+00.00	780.38	67
LT. STA.	179+33.00	780.8	TO LT. STA.	180+00.00	781.01	67
RT. STA.	180+00.00	780.38	TO RT. STA.	182+00.00	781.5	200
LT. STA.	180+00.00	781.01	TO LT. STA.	184+00.00	785.22	400
RT. STA.	182+00.00	781.5	TO RT. STA.	184+00.00	785.22	200
LT. STA.	184+00.00	STD DITCH	TO LT. STA.	195+00.00	STD DITCH	1100
RT. STA.	184+00.00	STD DITCH	TO RT. STA.	198+00.00	STD DITCH	1400
LT. STA.	195+00.00	777.15	TO LT. STA.	202+60.00	775.24	760
RT. STA.	198+00.00	774.66	TO RT. STA.	202+60.00	771.5	460
LT. STA.	202+60.00	775.24	TO LT. STA.	205+00.00	777	240
RT. STA.	202+60.00	771.5	TO RT. STA.	203+00.00	772.12	40
RT. STA.	203+00.00	772.12	TO RT. STA.	204+00.00	773.5	100
RT. STA.	204+00.00	773.5	TO RT. STA.	206+65.00	779.7	265
LT. STA.	205+00.00	777	TO LT. STA.	206+49.00	780.5	149
					TOTAL	40744

HAMPTON, LENZINI & RENWICK, INC.
 CIVIL & STRUCTURAL ENGINEERS

HLR

3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 03-75-0007-1 DATE: 02/11/08
 DESIGNED: L.P.S. CHECKED: S.W.M. DRAWN: TWK

SPECIAL DITCH TABULATION

SECTION 95-00215-01-RS

FAS 495 C.H. 2

PIATT COUNTY

EROSION CONTROL PLAN & STORMWATER POLLUTION PREVENTION PLAN

THIS PROJECT DISTURBS 22.25 ACRES OF TOTAL LAND AREA. COMPLIANCE WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER PERMIT IS ONLY NECESSARY IF A PROJECT DISTURBS 1 OR MORE ACRES OF TOTAL LAND AREA.

ROUTE NO. FAS 495	SECTION 95-00215-01-RS	COUNTY PIATT	TOTAL SHEETS 21	SHEET NO. 16
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 91383				

GENERAL NOTES FOR SOIL EROSION CONTROL

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
2. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
4. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL INSPECT AND COMPLETE MAINTENANCE OF ALL ITEMS A MINIMUM OF EVERY 7 DAYS AND WITHIN 24 HOURS OF A ONE-HALF INCH RAINFALL.
5. THE CONTRACTOR SHALL CLEAN UP AND GRADE THE WORK AREA AS THE PROJECT PROGRESSES TO ELIMINATE THE CONCENTRATION OF RUNOFF. THE PAVEMENT SHALL BE CLEANED DAILY TO REMOVE EARTH MATERIAL TO THE SATISFACTION OF THE ENGINEER.
6. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
7. AREAS OR EMBANKMENTS HAVING SLOPES GREATER 3H:1V SHALL BE STABILIZED WITH EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING.
8. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.

INTENDED SEQUENCE FOR EROSION CONTROL

1. PLACEMENT OF PERIMETER EROSION CONTROL BARRIER PRIOR TO THE COMMENCEMENT OF ANY WORK, SEE STANDARD 280001.
2. PLACEMENT OF INLET AND PIPE PROTECTION AND TEMPORARY DITCH CHECKS PRIOR TO THE COMMENCEMENT, THE GRADING OF THE DITCHES AND SIDE SLOPES, SEE STANDARD 280001.
3. PLACEMENT OF TEMPORARY EROSION CONTROL SEEDING DURING THE GRADING OF THE DITCHES AND SIDE SLOPES.
4. PLACEMENT OF PERMANENT SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY FOLLOWING THE FINISHED GRADING.

PERIMETER EROSION BARRIER - 28000400	
LOCATION	FOOT
CH 2	
LT. STA. 14+00 TO LT. STA. 16+00	200
LT. STA. 17+50 TO LT. STA. 19+00	150
RT. STA. 17+50 TO RT. STA. 18+50	100
LT. STA. 27+50 TO LT. STA. 32+50	500
LT. STA. 33+50 TO LT. STA. 37+00	350
RT. STA. 38+00 TO RT. STA. 40+00	200
LT. STA. 57+50 TO LT. STA. 59+50	200
RT. STA. 72+50 TO RT. STA. 74+00	150
LT. STA. 76+00 TO LT. STA. 78+00	200
LT. STA. 105+00 TO LT. STA. 107+00	200
LT. STA. 111+00 TO LT. STA. 113+00	200
RT. STA. 118+00 TO RT. STA. 121+00	300
LT. STA. 132+00 TO LT. STA. 135+00	300
LT. STA. 147+00 TO LT. STA. 150+00	300
TOTAL	3350

EROSION CONTROL BLANKET - 25100630	
LOCATION (BACKSLOPES)	SQ YD
CH 2	
LT. STA. 50+00 TO LT. STA. 54+00	695
RT. STA. 66+00 TO RT. STA. 72+50	1064
LT. STA. 66+00 TO LT. STA. 72+50	1325
RT. STA. 75+00 TO RT. STA. 82+00	1410
LT. STA. 75+00 TO LT. STA. 81+00	1431
LT. STA. 103+00 TO LT. STA. 108+00	927
LT. STA. 200+00 TO LT. STA. 206+00	822
RT. STA. 200+00 TO RT. STA. 206+00	1155
TOTAL BACKSLOPES	8829

SEEDING							
LOCATION	CLASS 2 SPECIAL	NITROGEN	PHOSPHORUS	POTASSIUM	AGG. GROUND LIMESTONE	MULCH METHOD 2	TEMP EROSION CONTROL SEEDING
							28000250
	25001000	90 LBS/ACRE	90 LBS/ACRE	90 LBS/ACRE	2 TONS/ACRE	2 TONS/ACRE	100 LBS/ ACRE/APPL
	ACRE	POUND	POUND	POUND	TON	TON	LBS
CH2	22.25	2003	2003	2003	45	45	8900.00
TOTAL PROJECT	22.25	2003*	2003*	2003*	45	45	8900

*4 APPLICATIONS FOR INFORMATION ONLY

INLET AND PIPE PROTECTION - 280000500			TEMPORARY DITCH CHECKS - 28000300 TABLE 1			TEMPORARY DITCH CHECKS - 28000300 TABLE 2			TEMPORARY DITCH CHECKS - 28000300 TABLE 3			TEMPORARY DITCH CHECKS - 28000300 TABLE 4		
LOCATION		EACH	LOCATION		EACH	LOCATION		EACH	LOCATION		EACH	LOCATION		EACH
CH2			CH2			CH2			CH2			CH2		
RT. STA. 12+58		1	LT. STA. 268+00		1	LT. STA. 79+00		1	LT. STA. 136+00		1	RT. STA. 195+00		1
RT. STA. 17+00		1	RT. STA. 268+00		1	RT. STA. 81+00		1	RT. STA. 138+00		1	LT. STA. 195+00		1
RT. STA. 17+62		1	LT. STA. 270+00		1	LT. STA. 81+00		1	LT. STA. 138+00		1	LT. STA. 197+00		1
LT. STA. 18+68		1	RT. STA. 270+00		1	RT. STA. 83+00		1	RT. STA. 140+00		1	RT. STA. 199+00		1
LT. STA. 28+75		1	LT. STA. 272+00		1	LT. STA. 85+00		1	LT. STA. 140+00		1	LT. STA. 199+00		1
RT. STA. 33+25		1	RT. STA. 272+00		1	LT. STA. 88+00		1	RT. STA. 142+00		1	RT. STA. 201+00		1
RT. STA. 35+90		1	LT. STA. 05+00		1	RT. STA. 90+00		1	LT. STA. 142+00		1	LT. STA. 201+00		1
LT. STA. 37+67		1	RT. STA. 05+00		1	LT. STA. 90+00		1	RT. STA. 144+00		1	RT. STA. 202+50		1
LT. STA. 49+66		1	LT. STA. 07+00		1	RT. STA. 92+00		1	LT. STA. 144+00		1	RT. STA. 203+00		1
RT. STA. 49+77		1	RT. STA. 07+00		1	RT. STA. 94+00		1	LT. STA. 148+00		1	LT. STA. 203+50		1
RT. STA. 51+80		1	LT. STA. 11+00		1	LT. STA. 94+00		1	LT. STA. 148+50		1	RT. STA. 204+00		1
RT. STA. 58+66		1	RT. STA. 11+00		1	RT. STA. 96+00		1	RT. STA. 151+00		1	RT. STA. 205+00		1
RT. STA. 63+85		1	LT. STA. 13+00		1	LT. STA. 96+00		1	LT. STA. 151+00		1	LT. STA. 205+00		1
RT. STA. 67+71		1	LT. STA. 15+00		1	RT. STA. 98+00		1	RT. STA. 157+00		1	RT. STA. 206+00		1
LT. STA. 71+24		1	RT. STA. 17+00		1	LT. STA. 98+00		1	LT. STA. 157+00		1	LT. STA. 206+00		1
RT. STA. 78+60		1	RT. STA. 19+00		1	RT. STA. 103+00		1	RT. STA. 159+00		1			
LT. STA. 83+10		1	LT. STA. 21+00		1	LT. STA. 103+00		1	LT. STA. 159+00		1			
RT. STA. 86+21		1	RT. STA. 21+00		1	RT. STA. 105+00		1	RT. STA. 161+20		1			
RT. STA. 87+59		1	LT. STA. 23+00		1	LT. STA. 105+00		1	LT. STA. 161+20		1			
LT. STA. 91+96		1	RT. STA. 23+00		1	LT. STA. 106+00		1	RT. STA. 162+00		1			
RT. STA. 106+18		1	RT. STA. 28+00		1	LT. STA. 107+00		1	LT. STA. 162+00		1			
RT. STA. 111+88		1	LT. STA. 31+00		1	LT. STA. 108+00		1	RT. STA. 164+00		1			
LT. STA. 113+95		1	RT. STA. 31+00		1	LT. STA. 111+50		1	LT. STA. 164+00		1			
RT. STA. 117+50		1	LT. STA. 32+00		1	RT. STA. 113+00		1	RT. STA. 166+00		1			
RT. STA. 118+16		1	LT. STA. 39+00		1	LT. STA. 113+00		1	LT. STA. 166+00		1			
LT. STA. 120+16		1	RT. STA. 39+00		1	RT. STA. 114+50		1	LT. STA. 169+00		1			
LT. STA. 124+05		1	LT. STA. 41+00		1	LT. STA. 115+50		1	RT. STA. 170+00		1			
RT. STA. 133+46		1	RT. STA. 41+00		1	RT. STA. 115+50		1	LT. STA. 170+00		1			
RT. STA. 148+30		1	LT. STA. 43+00		1	LT. STA. 116+50		1	RT. STA. 171+00		1			
RT. STA. 161+29		1	RT. STA. 43+00		1	RT. STA. 116+50		1	LT. STA. 171+00		1			
LT. STA. 167+20		1	LT. STA. 45+00		1	LT. STA. 117+45		1	RT. STA. 172+00		1			
RT. STA. 168+66		1	RT. STA. 45+00		1	LT. STA. 119+00		1	LT. STA. 172+00		1			
LT. STA. 179+33		1	LT. STA. 51+00		1	RT. STA. 119+00		1	RT. STA. 173+00		1			
LT. STA. 180+56		1	RT. STA. 53+00		1	RT. STA. 120+00		1	LT. STA. 173+00		1			
RT. STA. 182+16		1	LT. STA. 53+00		1	LT. STA. 121+00		1	RT. STA. 175+00		1			
LT. STA. 193+86		1	RT. STA. 57+00		1	RT. STA. 121+00		1	LT. STA. 175+00		1			
RT. STA. 196+88		1	LT. STA. 57+00		1	LT. STA. 122+00		1	RT. STA. 177+00		1			
LT. STA. 202+60		1	LT. STA. 58+50		1	RT. STA. 122+00		1	LT. STA. 177+00		1			
			RT. STA. 61+00		1	LT. STA. 123+00		1	RT. STA. 179+00		1			
			LT. STA. 61+00		1	RT. STA. 123+00		1	LT. STA. 179+00		1			
			LT. STA. 63+00		1	RT. STA. 124+00		1	RT. STA. 179+75		1			
			RT. STA. 65+00		1	LT. STA. 125+00		1	LT. STA. 179+75		1			
			LT. STA. 65+00		1	RT. STA. 125+00		1	RT. STA. 181+00		1			
			RT. STA. 67+00		1	LT. STA. 126+00		1	LT. STA. 183+00		1			
			LT. STA. 67+00		1	RT. STA. 126+00		1	RT. STA. 185+00		1			
			LT. STA. 68+00		1	RT. STA. 130+00		1	LT. STA. 185+00		1			
			RT. STA. 70+00		1	RT. STA. 132+00		1	RT. STA. 189+00		1			
			LT. STA. 70+00		1	LT. STA. 133+00		1	LT. STA. 189+00		1			
			RT. STA. 72+00		1	RT. STA. 134+50		1	RT. STA. 191+00		1			
			LT. STA. 76+00		1	LT. STA. 134+50		1	LT. STA. 191+00		1			
			LT. STA. 78+00		1	RT. STA. 136+00		1	RT. STA. 193+00		1			
			TOTAL		38									
						SUBTOTAL TABLE 1	51				SUBTOTAL TABLE 2	51		
											SUBTOTAL TABLE 3	51		
											TOTAL	168		

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • **SPRINGFIELD**

PROJECT NUMBER: 03-75-0007-1 DATE: 02/28/08
DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: TWK

**EROSION CONTROL
NOTES & QUANTITIES**

SECTION 95-00215-01-RS

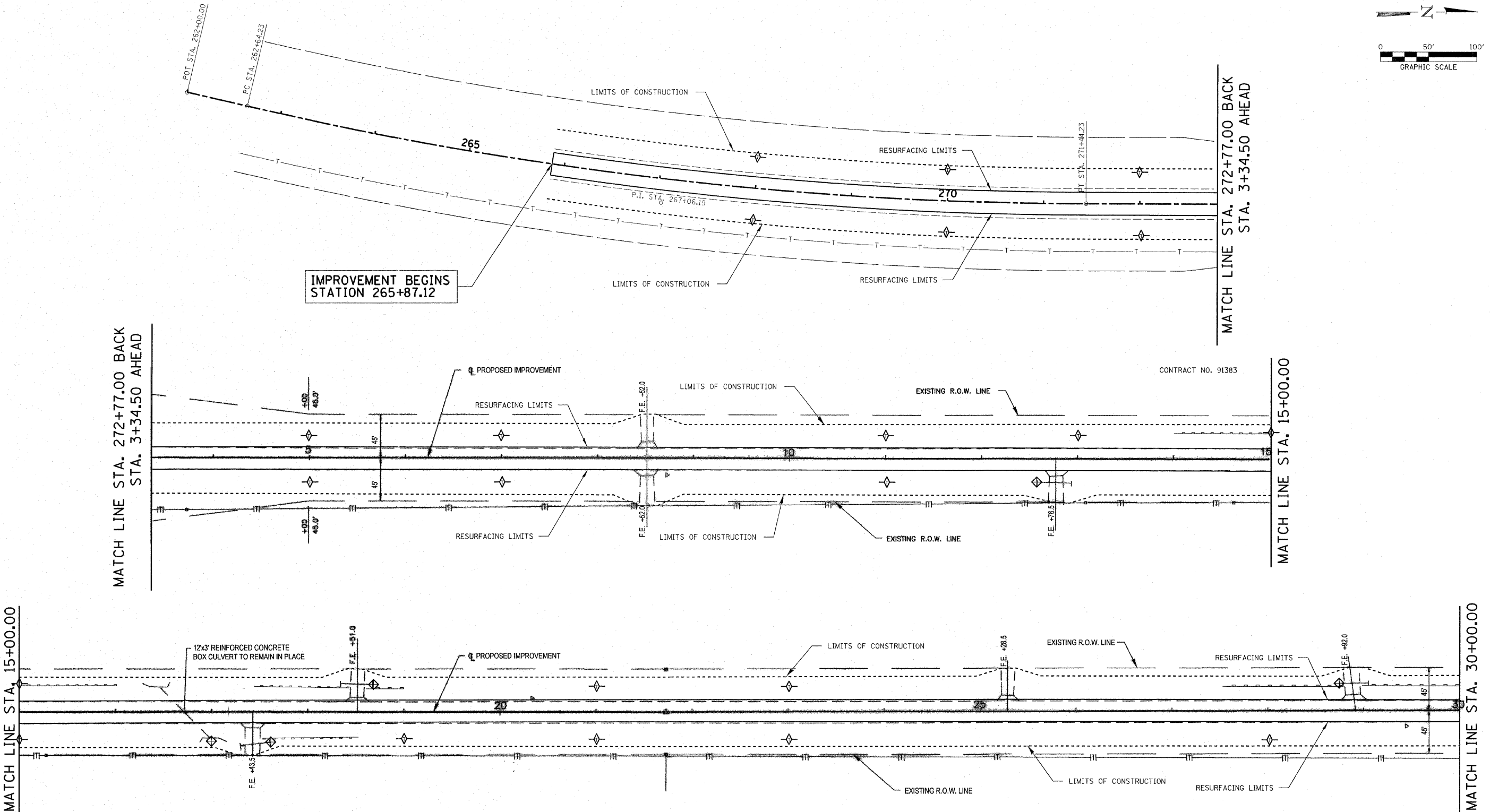
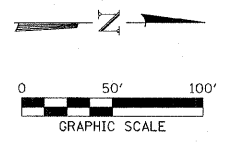
FAS 495 C.H. 2

PIATT COUNTY

EROSION CONTROL PLAN & STORMWATER POLLUTION PREVENTION PLAN

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	17
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT-		

CONTRACT NO. 91383



- LEGEND**
- PERIMETER EROSION BARRIER
 - INLET AND PIPE PROTECTION
 - TEMPORARY DITCH CHECK
 - EROSION CONTROL BLANKET

HAMPTON, LENZINI & RENWICK, INC.
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HLR

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PROJECT NUMBER: 03-75-0007-1 DATE: 02/28/08
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EROSION CONTROL PLAN

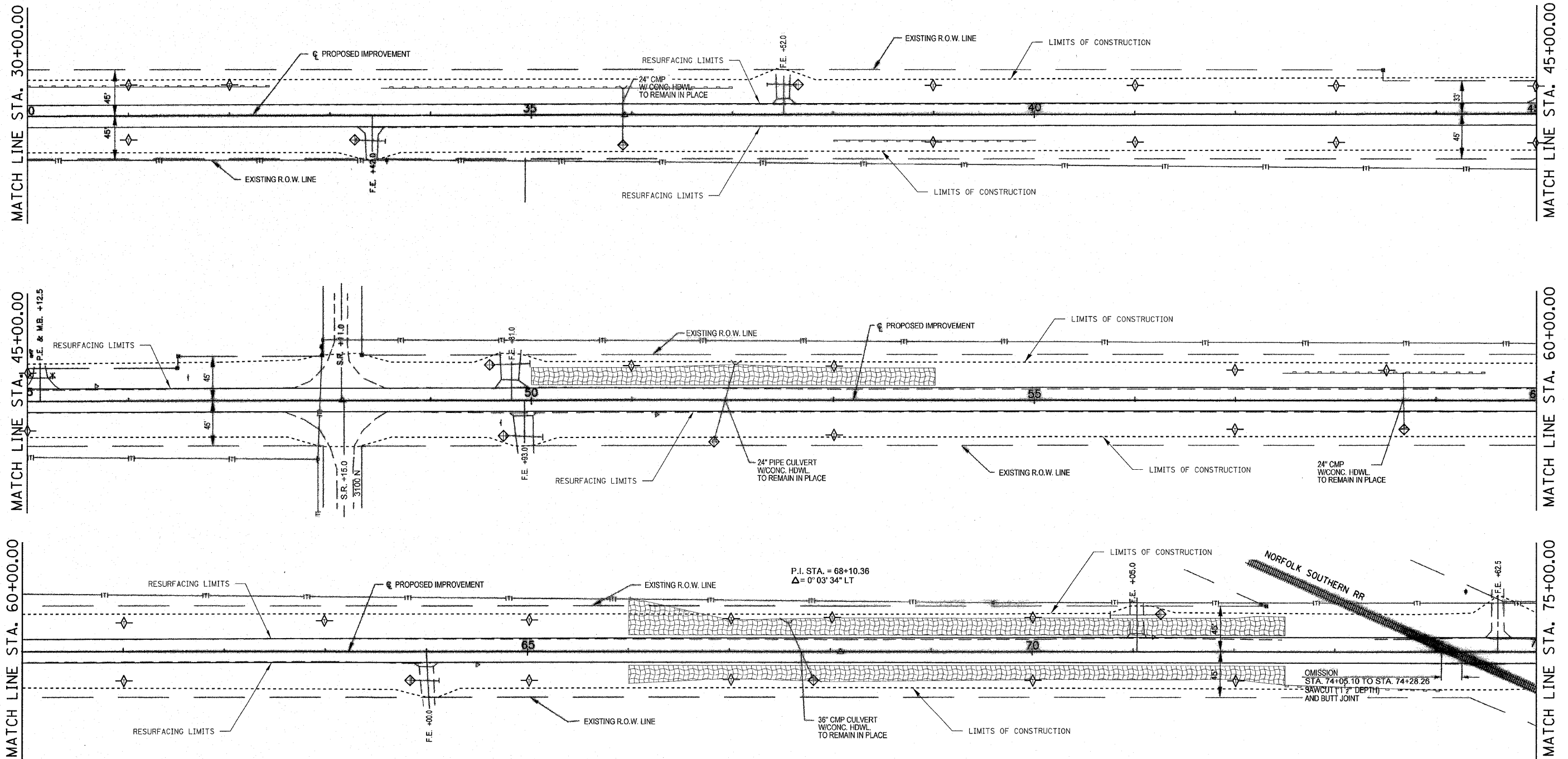
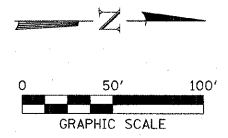
SECTION 95-00215-01-RS

FAS 495 C.H. 2

PIATT COUNTY

EROSION CONTROL PLAN & STORMWATER POLLUTION PREVENTION PLAN

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	18
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 91383				



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EROSION CONTROL PLAN

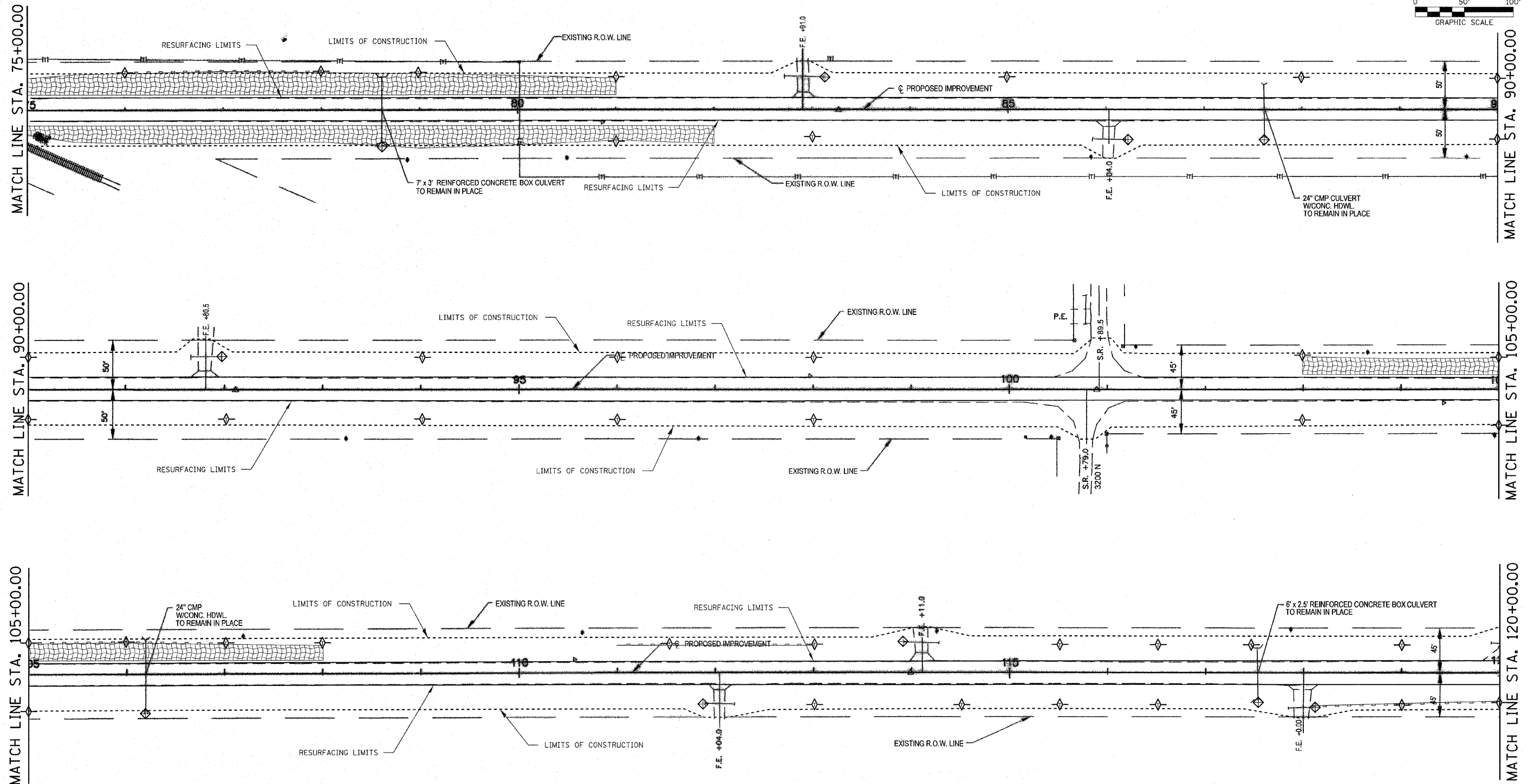
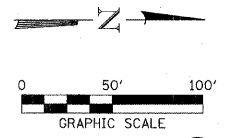
SECTION 95-00215-01-RS

FAS 495 C.H. 2

PIATT COUNTY

EROSION CONTROL PLAN & STORMWATER POLLUTION PREVENTION PLAN

ROUTE NO. FAS 495	SECTION 95-00215- 01-RS	COUNTY PIATT	TOTAL SHEETS 21	SHEET NO. 19
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	
CONTRACT NO. 91383				



- LEGEND**
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PROJECT NUMBER: 03-75-0007-1 DATE: 02/28/08
DESIGNED: L.F.S. CHECKED: S.W.M. DRAWN: W.J.S.

EROSION CONTROL PLAN

SECTION 95-00215-01-RS

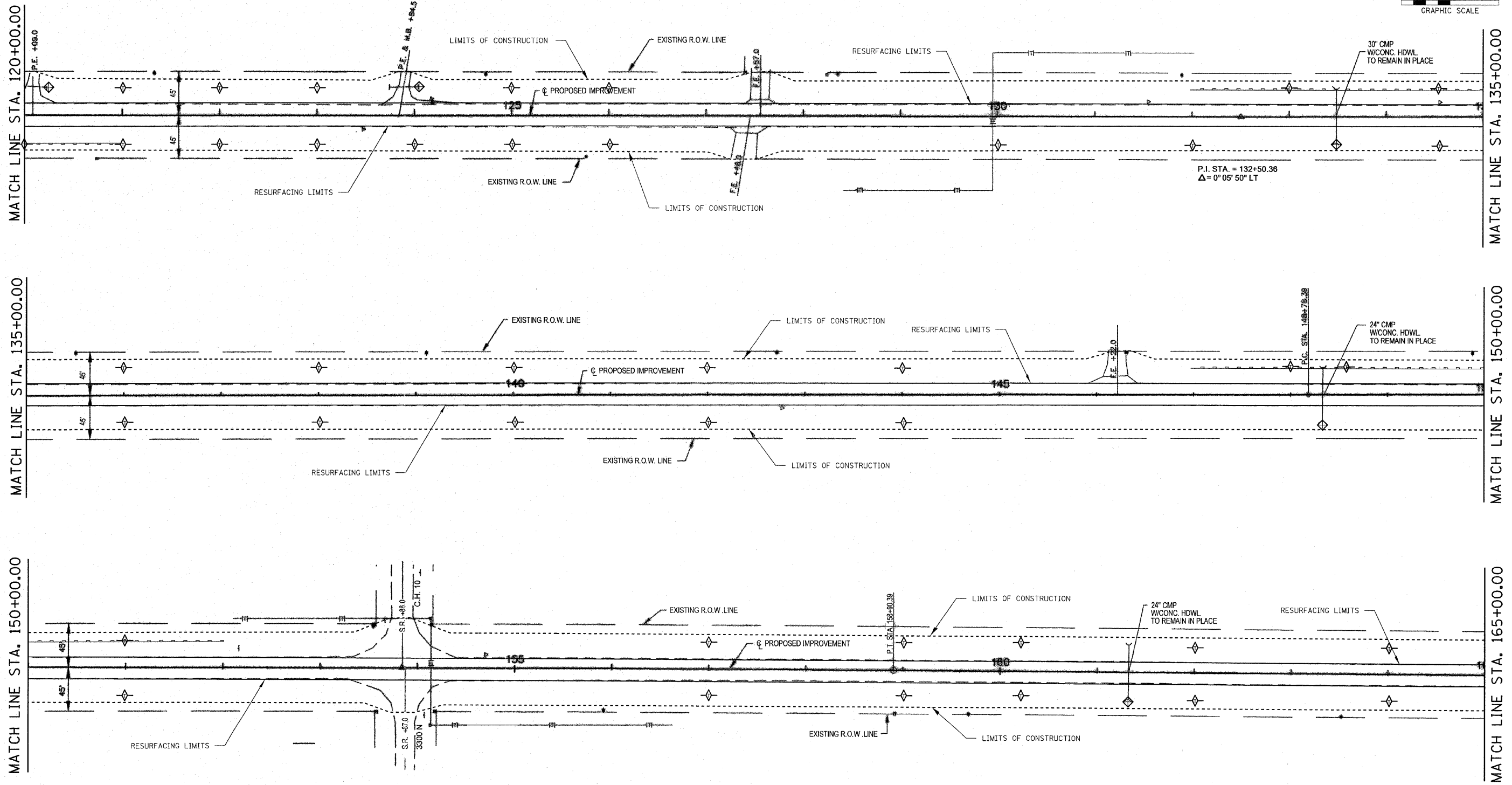
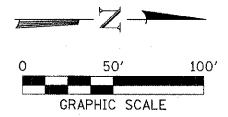
FAS 495 C.H. 2

PIATT COUNTY

EROSION CONTROL PLAN & STORMWATER POLLUTION PREVENTION PLAN

ROUTE NO. FAS 495	SECTION 95-00215- 01-RS	COUNTY PIATT	SHEET NO. 21	TOTAL SHEETS 20
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 91383



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PROJECT NUMBER: 03-75-0007-1	DATE: 02/28/08
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	DRAWN: WJS

EROSION CONTROL PLAN

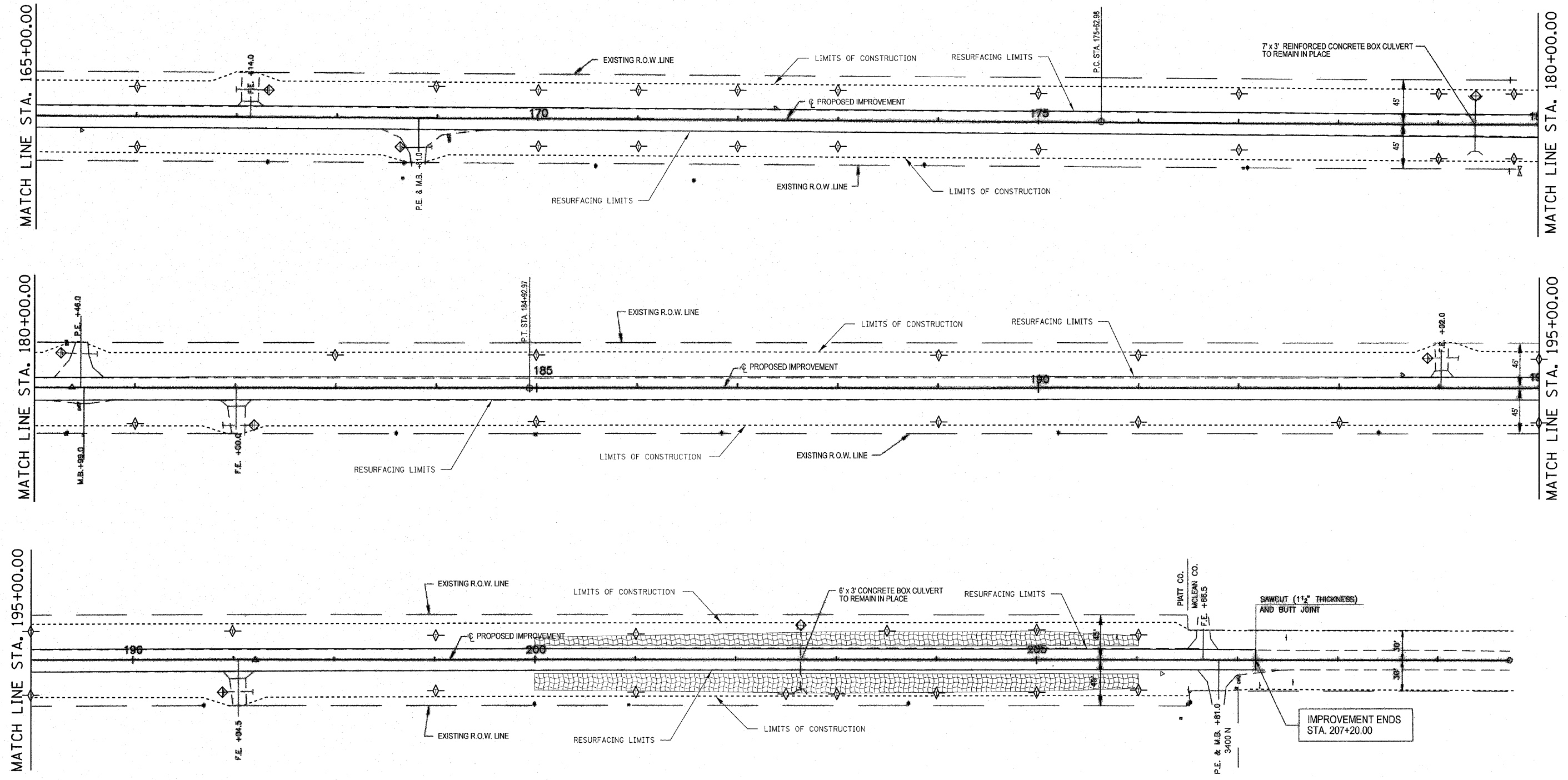
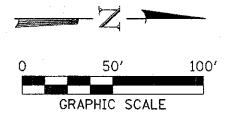
SECTION 95-00215-01-RS

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PIATT COUNTY

EROSION CONTROL PLAN & STORMWATER POLLUTION PREVENTION PLAN

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 495	95-00215-01-RS	PIATT	21	21
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	
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