

FOR INDEX OF SHEETS, SEE SHEET NO. 02
 FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 05 TO NO. 13

DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS 06-14-13 LETTING ITEM 068

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	01
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 70700	

D95-080-07

PROPOSED HIGHWAY PLANS

FAI-74 (I-74)

SECTION: 10-4BR

PROJECT: NHPP-0074(300)

BRIDGE REPLACEMENT UNDER CH 50

CHAMPAIGN COUNTY

C-95-080-07

R7E

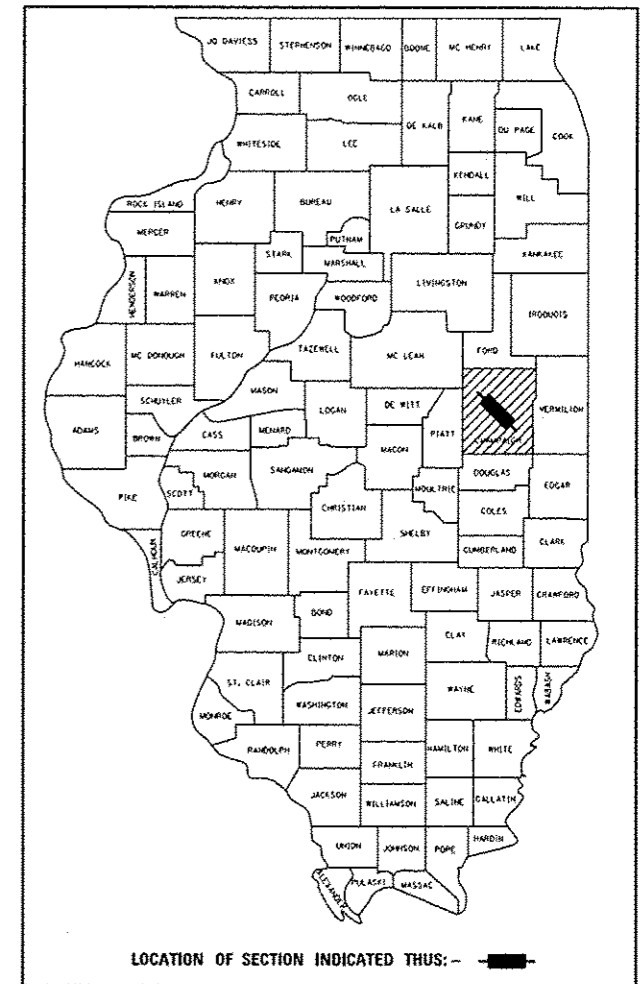
CURRENT (2010) ADT TRAFFIC DATA

FAI 74 ADT = 27,100
 FAS 1520 (CH 50) ADT = 2,550

DESIGN DESIGNATION

N/A

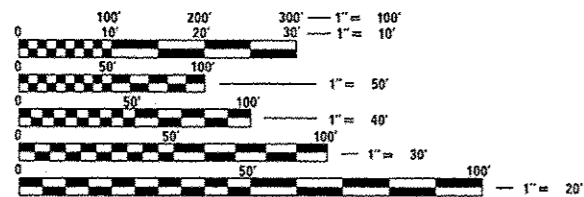
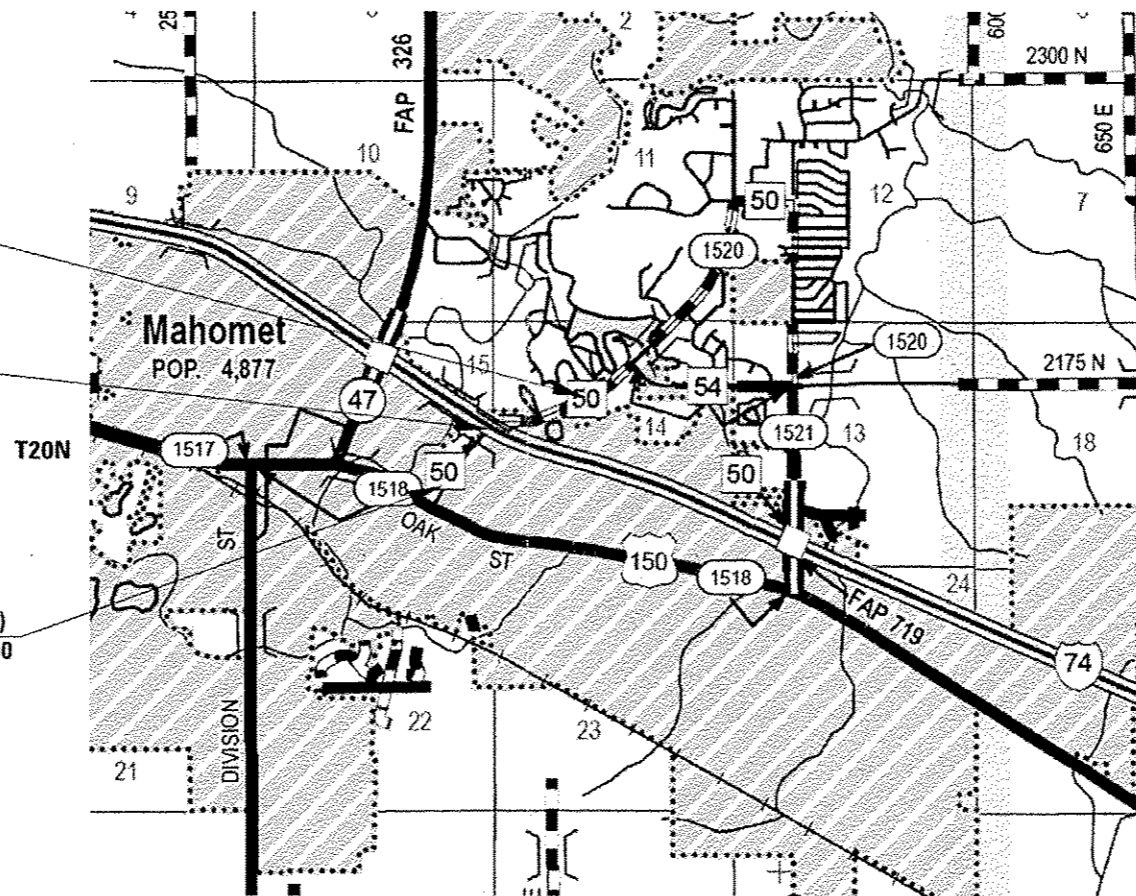
FAS 1520 (CH 50 - LAKE OF THE WOODS RD)
 TRAIL : STA. 13+75.00 TO STA. 34+50.00
 ROAD : STA. 18+00.00 TO STA. 34+50.00



EXISTING SN 010-0157 AT 21+29.19
 UNDER CH 50 TO BE REMOVED AND REPLACED.
 PROPOSED SN 010-0289 AT STA. 21+29.19
 4-SPAN CURVED PLATE GIRDER
 WITH VAULTED ABUTMENTS.
 327'-7 3/16" BK-BK

FAS 1520 (CH 50)
 END STA. 34+50.00

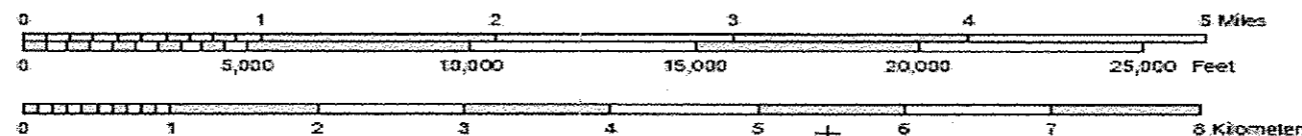
FAS 1520 (CH 50)
 BEG. STA. 13+75.00



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,
 PROJECT LOCATION: R7E, T20N MAHOMET TOWNSHIP

PROJECT ENGINEER: NANCY FASIG
 SQUAD LEADER: MATT BOWER
 DESIGNER: BRENT GEARLOCK
 PHONE: (217)465-4181
 CONTRACT NO. 70700



GROSS LENGTH = 2075.00 FEET = 0.393 MILES
 NET LENGTH (TRAIL) = 2075.00 FEET = 0.393 MILES
 NET LENGTH (ROAD) = 1650.00 FEET = 0.313 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 11-9-2012

DEPUTY DIRECTOR OF HIGHWAYS, REGION THREE ENGINEER
May 10 2013
John D. Zaranzani P.E.
 acting ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
Omer Osman P.E.
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

PLT DATE: 11/09/2012
 FILE NAME: c:\pwworkspace\user\location\2012\20120613\05707000.dwg
 PLOT SCALE: 1/8" = 1' / 1" = 10'
 USER NAME: user location

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HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24' JOINTED PCC PAVEMENT
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03	NAME PLATES FOR BRIDGES
542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 36" (900 mm) DIAMETER AT RIGHT ANGLES WITH ROADWAY
542201-02	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 15" (375 mm) THRU 36" (900 mm) DIAMETER AT SKEWED WITH ROADWAY
542401-01	METAL END SECTIONS FOR PIPE CULVERTS
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
604001-03	FRAME & LIDS - TYPE 1
604071-04	FRAME & GRATE - TYPE 20
606006-02	OUTLETS FOR CONCRETE CURB AND GUTTER - TYPE B-6.24
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL - TYPE 2
631031-11	TRAFFIC BARRIER TERMINAL - TYPE 6
635006-03	REFLECTOR MARKER AND MOUNTING DETAILS
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
665001-02	WOVEN WIRE FENCE
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-03	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701451-01	RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
780001-03	TYPICAL PAVEMENT MARKINGS
B.L.R. 24-2	MAILBOX TURNOUTS FOR LOCAL ROADS

FILE NAME: c:\pwork\pudat\cearlockbn\0208368	USER NAME: cearlockbn	DESIGNED: BMC	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS/HIGHWAY STANDARDS			F.A.I. RTE: 74	SECTION: 10-4BR	COUNTY: CHAMPAIGN	TOTAL SHEETS: 290	SHEET NO.: 02
	PLOT SCALE: 40,000 / 1"	DRAWN: BMC	REVISED:		SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. -	TO STA. -	ILLINOIS FED. AID PROJECT			
	PLOT DATE: 11/9/2012	CHECKED:	REVISED:									
		DATE: 04-24-12	REVISED:									

GENERAL NOTES

G.N.-100: ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-100A: ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-107(SPECIAL)
CONTRACTOR IS NOTIFIED OF THE EXISTING PRIVATE SEPTIC SYSTEM LOCATED WITHIN TEMPORARY EASEMENT LIMITS FROM STA. 29+00+/- TO STA. 30+75+/-, PRECISE DETAILS AND HORIZONTAL/VERTICAL LOCATION OF SEPTIC SYSTEM ARE UNKNOWN. CONTRACTOR SHALL LOCATE EXISTING SEPTIC SYSTEM PRIOR TO CONSTRUCTION ACTIVITIES IN THIS AREA. ANY DAMAGE CAUSED TO THE EXISTING SEPTIC SYSTEM SHALL BE REPAIRED BY A CERTIFIED SEPTIC CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-107.20(SPECIAL)
EXISTING MAILBOX RELOCATION SHALL BE PER 107.20. EXISTING MAILBOXES LOCATED AT THE FOLLOWING STATIONS SHALL REQUIRE NEW MAILBOX POST (ITEM XX206400):

LT. STA. 26+83, LT. STA. 26+86, LT. STA. 26+87, LT. STA. 26+89, RT. STA. 31+66, RT. STA. 31+68

SEE SCHEDULE OF QUANTITIES FOR NEW MAILBOX POST LOCATION AND QUANTITIES.

G.N.-107.37
UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY. UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800) 892-0123 OR 811.

G.N.-201
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N.-201(SPECIAL)
DUE TO THE PROXIMITY OF AN EXISTING SEPTIC SYSTEM IN THE AREA OF THE TREES LOCATED AT STA. 29+55.68 (54' LT.) AND 30+55.25 (49' LT.) CONTRACTOR SHALL NOT DISTURB EXISTING ROOT SYSTEM DURING THEIR REMOVAL. TREES AT THESE LOCATIONS SHALL BE CUT OFF AND STUMPS SHALL BE GROUND DOWN TO AN ELEVATION 12" BELOW FINAL GRADE. ANY DAMAGE CAUSED TO THE EXISTING SEPTIC SYSTEM SHALL BE REPAIRED BY A CERTIFIED SEPTIC CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-202
GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-205
BENCHING PROCEDURES SHALL BE USED IN AREAS WHERE EXISTING EMBANKMENTS ARE WIDENED FOR THE PROPOSED PAVEMENT. STEPS SHALL BE CUT INTO THE EXISTING EMBANKMENT SLOPES AND SHALL HAVE THE FOLLOWING DIMENSIONS:

(1V:2H SLOPES)	(1V:3H SLOPES)
HORIZONTAL: 2 VERTICAL: 1	HORIZONTAL: 3 VERTICAL: 1

G.N.-250C-SPL
SEEDING, CLASS 7 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS AND TEMPORARY ACCESS ROADWAY SLOPES DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-280
TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED DISTURBED EARTH DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH AT THE TIME OF THEIR COMPLETION.

G.N.-280A(SPECIAL)
ALL TEMPORARY EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO AGGREGATE DITCH CHECKS, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE REMOVED FROM THE CONSTRUCTION SITE BY THE CONTRACTOR PRIOR TO CONTRACT 70700 BEING CONSIDERED FINAL.

G.N.-281(SPECIAL)
RIPRAP TONAGE WAS ESTIMATED USING THE FOLLOWING FORMULA:
CU. YD. RIPRAP X 1.5 TON/CU. YD = ESTIMATED TONS.

G.N.-302
WHERE SMALL QUANTITIES OF LIME MODIFICATION ARE SHOWN IN THE PLANS, SUBBASE GRANULAR MATERIAL, TYPE A MAY BE SUBSTITUTED AND CONSTRUCTED ACCORDING TO THE APPLICABLE PORTIONS OF SECTION 311. THE DEPTH OF THE SUBBASE GRANULAR MATERIAL SHALL BE THE SAME AS THE PROPOSED DEPTH OF THE LIME MODIFICATION. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR PROCESSING LIME MODIFIED SOILS OF THE DEPTH SPECIFIED. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-403
BITUMINOUS SURFACE TREATMENTS: Gradation CA-14 (mid spec.) is assumed for cover coats and gradation CA-16 (mid-spec.) is assumed for seal coats. The resulting target application rates are as follows:

TYPE OF CONSTRUCTION	BITUMINOUS MATERIAL	APPLICATION RATE	AGGREGATE APPLICATION RATE
A-1	HFP	0.35 gal/yd	CA-16 19lb/yd

NOTE: THE ENGINEER RESERVES THE RIGHT TO ADJUST THE TARGET APPLICATION RATES AND THE QUANTITIES.

*Note: Do not puddle prime.

G.N.-406H	TEMPORARY ACCESS ROADWAY
LOCATION:	TEMPORARY ACCESS ROADWAY
MIXTURE USE:	PG 64-22
AC/PG:	SEE RAP S.P.
RAP % (MAX):	4.0% @ Ndes=50
DESIGN AIR VOIDS:	IL 19.0
MIX COMP(GRADATION):	N.A.
FRICTION AGGREGATE:	

G.N.-506
ALL FINAL SURFACES OF THE BEAMS SHALL BE PAINTED WITH LIGHT GREY (MUNSELL COLOR STANDARD - 10Y 7/1) EXCEPT THE EXTERIOR SURFACES OF THE EXTERIOR BEAMS WHICH SHALL BE PAINTED WITH INTERSTATE GREEN (MUNSELL COLOR STANDARD 7.5G 4/8).

G.N.-542
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-550
BEFORE ORDERING STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-631
IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

FILE NAME: c:\p\work\p\dot\c\ee-lockbm\0208360\020700-htc\index.dgn	USER NAME: cee-lockbm	DESIGNED: BMC	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE: 1/4" = 10'-0"	DRAWN: BMC	CHECKED: -	REVISED: -			74	10-48R	CHAMPAIGN	290	03	
PLOT DATE: 11/9/2012	DATE: 04-24-12	REVISED: -				CONTRACT NO. 70700					
SCALE: N/A						SHEET NO. 1 OF 2 SHEETS		STA. - TO STA. -			

GENERAL NOTES

G.N.-663A

CALCIUM CHLORIDE SHALL BE APPLIED FULL WIDTH TO THE PROPOSED AGGREGATE ROADWAYS AND/OR DETOURS FOR THE SOLE PURPOSE OF CONTROLLING DUST. THIS WORK SHALL BE PERFORMED ON ALL FINAL SURFACES AS WELL AS ANY REMAINING AGGREGATE SURFACES THAT WOULD LAY OVER ANY PARTICULAR WEEKEND.

THE FOLLOWING APPLICATION RATE HAS BEEN USED TO CALCULATE THIS ESTIMATED QUANTITY: 5 LBS./SQ.YD.

ANY ADDITIONAL QUANTITY FOR MAINTENANCE WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 WHEN SPECIFIED BY THE ENGINEER.

G.N.-667

THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC, PT, AND PI). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.

G.N.-720 (SPECIAL)

CONTRACTOR SHALL REMOVE AND RELOCATE ALL EXISTING CH 50 ROADWAY AND TRAFFIC SIGNS WITHIN CONSTRUCTION LIMITS. CONTRACTOR SHALL COORDINATE WITH CHAMPAIGN COUNTY ENGINEERING DEPARTMENT (JEFF BLUE, PHONE 217-384-3800) REGARDING THE ADDITION OR REMOVAL OF SIGNAGE AS WELL AS THE LOCATION OF RELOCATED SIGNS. THIS WORK WILL NOT BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.

ANY EXISTING SIGNS THAT ARE DAMAGED BY THE CONTRACTORS OPERATIONS DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.

G.N.-Z0038

AN ALUMINUM TABLET OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCH MARKS.

COMMITMENTS:

PARCEL 5761001TE & 5761002TE:

AS A RESULT OF ROW NEGOTIATIONS, PLEASE BE ADVISED OF THE FOLLOWING CHANGES:
KEN MORTON HAS REQUESTED THE FOLLOWING TREES AS REPLACEMENT TREES:

- (6) NORWAY SPRUCE (*picea abies*)
- (3) AUTUMN FANTASY MAPLE (*acer xfreemaniae* 'Autumn Fantasy')
- (3) BLACK HILL SPRUCE (*picea glauca* 'Densata')
- (2) KENTUCKY COFFEETREE-MAIL (*gymnocladus dioica*)
- (3) KATSURATREE (*cercidiphyllum japonicum*)
- (2) CHANTICLEER PEAR (*pyrus calleryana*)

MR. MORTON CAN BE REACHED AT HOME; 217-586-3517 OR HIS CELL; 217-778-2237 FOR REPLACEMENT OF THE TREES.

PARCEL 5761003TE:

AS A RESULT OF LAND ACQUISITION NEGOTIATIONS, THE PROPERTY OWNERS, MR. AND MRS. JIM PROUTY HAVE REQUESTED THREE (3) AUTUMN FANTASY MAPLE TREES (*Acer xfreemaniae* 'autumn fantasy') AND THREE (3) CHANTICLEER PEAR TREES (*pyrus calleryana*) FOR REPLACEMENT TREES. THE PROUTY'S WILL LOSE THE LARGE OAK TREE IN THEIR FRONT YARD DUE TO THE PROPOSED ROAD PROJECT AND HAVE REQUESTED THAT THE STUMP BE GROUND TO NO LESS THAN 18" BELOW FINAL GRADE.

MR. PROUTY CAN BE REACHED AT 841-3426 FOR PLACEMENT OF THE SIX TREES.

FILE NAME :	USER NAME : ceo-lockb	DESIGNED : BMC	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\p\work\p\widest\ceo-lockb\10200368\10200368-10-4BR.dgn	10200368-10-4BR.dgn	DRAWN : BMC	REVISED :			74	10-4BR	CHAMPAIGN	290	04
	PLOT SCALE : 40.0000' = 1"	CHECKED :	REVISED :		SCALE: N/A					
	PLOT DATE : 11/9/2012	DATE : 04-24-12	REVISED :		SHEET NO. 2 OF 2 SHEETS	STA. -	TO STA. -			CONTRACT NO. 70700
ILLINOIS FED. AID PROJECT										

LOCATION: FAL 74 (FAS 1520-CH 50)

URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 34+50.00 ROADWAY- FED. -90%, STATE-10%	URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 18+75.00 PATH VILL. OF MAHOMET-100%	URBAN CHAMPAIGN CO. STA. 19+48.38 TO STA. 23+35.98 BRIDGE (SN 010-0289) FED. -90%, STATE-10%
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CONSTRUCTION CODE: 0005 0028 0011

PAY ITEM CODE	PAY ITEM DESCRIPTION	UNIT	TOTAL	QTY.	QTY.	QTY.
20100110	TREE REMOVAL (6 - 15 UNITS DIAM.)	UNIT	824.0	641.0	183.0	-
20100210	TREE REMOVAL OVER 15 UNITS DIAM.	UNIT	294.0	190.0	104.0	-
20200100	EARTH EXCAVATION	CU. YD.	19050.0	18810.0	240.0	-
20400800	FURNISHED EXCAVATION	CU. YD.	3784.0	1933.0	1851.0	-
20800150	TRENCH BACKFILL	CU. YD.	135.0	39.0	96.0	-
* 25000200	SEEDING, CLASS 2	ACRE	2.75	2.25	0.5	-
* 25000350	SEEDING, CLASS 7	ACRE	3.5	3.0	0.5	-
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	248.0	203.0	45.0	-
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	248.0	203.0	45.0	-
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	248.0	203.0	45.0	-
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ. YD.	13310.0	10890.0	2420.0	-
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	350.0	300.0	50.0	-
28000305	TEMPORARY DITCH CHECKS	FOOT	140.0	90.0	50.0	-
28000315	AGGREGATE DITCH CHECKS	TON	21.0	21.0	-	-

***SPECIALTY ITEM**

FILE NAME :	USER NAME : <u>cep-lockbm</u>	DESIGNED <u>BMC</u>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C:\pwork\pwork\cep-lockbm\0200368\0370700-shs-500.dgn	DRAWN <u>BMC</u>	CHECKED -	REVISED -					74	10-4BR	CHAMPAIGN	290	05
PLOT SCALE : <u>40.0000 / in.</u>	DATE <u>04-24-12</u>	REVISIONS			SCALE: - SHEET NO. 1 OF 9 SHEETS STA. - TO STA. -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
PLOT DATE : <u>11/26/2012</u>								CONTRACT NO. 70700				

LOCATION:

FAI 74 (FAS 1520-CH 50)

URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 34+50.00 ROADWAY FED. -90%, STATE-10%	URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 18+75.00 PATH VILL. OF MAHOMET-100%	URBAN CHAMPAIGN CO. STA. 19+48.38 TO STA. 23+35.98 BRIDGE (SN 010-0289) FED. -90%, STATE-10%
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CONSTRUCTION CODE:

0005

0028

0011

ITEM NO.	DESCRIPTION	UNIT	0005	0028	0011
28000400	PERIMETER EROSION BARRIER	FOOT	3282.0	2771.0	511.0
28000500	INLET AND PIPE PROTECTION	EACH	17.0	14.0	3.0
28100105	STONE RIPRAP, CLASS A3	SQ. YD.	149.0	99.0	50.0
28100107	STONE RIPRAP, CLASS A4	SQ. YD.	177.0	177.0	-
28200200	FILTER FABRIC	SQ. YD.	177.0	177.0	-
30200650	PROCESSING MODIFIED SOIL, 12"	SQ. YD.	4287.0	4287.0	-
30201500	LIME	TON	97.0	97.0	-
35100100	AGGREGATE BASE COURSE, TYPE A	TON	1312.0	1256.0	56.0
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	90.0	90.0	-
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	258.0	258.0	-
40300305	POLYMERIZED BITUMINOUS MATERIALS (COVERS AND SEAL COATS)	GALLONS	103.0	103.0	-
40300600	SEAL COAT AGGREGATE	TON	3.0	3.0	-
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	113.0	113.0	-
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ. YD.	2935.0	2935.0	-

FILE NAME: c:\p\work\pvidot\cseer\lockm\02003001	USER NAME: cseer\lockm	DESIGNED: BMC	REVISIONS:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
	70700-shr-500.dgn	DRAWN: BMC	REVISIONS:		74	10-4BR	CHAMPAIGN	290	06				
	PLOT SCALE: 49.8800' / 1"	CHECKED: -	REVISIONS:		CONTRACT NO. 70700								
	PLOT DATE: 11/26/2012	DATE: 04-24-12	REVISIONS:		SCALE: -	SHEET NO. 2 OF 9 SHEETS	STA. -	TO STA. -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LOCATION: FAL 74 (FAS 1520-CH 50)

URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 34+50.00 ROADWAY FED. -90%, STATE-10%	URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 18+75.00 PATH VILL. OF MAHOMET-100%	URBAN CHAMPAIGN CO. STA. 19+48.38 TO STA. 23+35.98 BRIDGE (SN 010-0289) FED. -90%, STATE-10%
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CONSTRUCTION CODE: 0005 0028 0011

ITEM NO.	DESCRIPTION	UNIT	QTY	0005	0028	0011
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ. YD.	1023.0	1023.0	-	-
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ. YD.	75.0	75.0	-	-
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	SQ. YD.	950.0	950.0	-	-
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ. FT.	16874.0	11874.0	5000.0	-
42400800	DETECTABLE WARNINGS	SQ. FT.	57.0	57.0	-	-
44000100	PAVEMENT REMOVAL	SQ. YD.	3344.0	3344.0	-	-
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ. YD.	897.0	897.0	-	-
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ. YD.	935.0	935.0	-	-
44004000	PAVED DITCH REMOVAL	FOOT	186.0	186.0	-	-
44004250	PAVED SHOULDER REMOVAL	SQ. YD.	346.0	346.0	-	-
48300300	PORTLAND CEMENT CONCRETE SHOULDERS, 8"	SQ. YD.	1238.0	960.0	278.0	-
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1.0	-	-	1.0
50104400	CONCRETE HEADWALL REMOVAL	EACH	4.0	4.0	-	-
50105220	PIPE CULVERT REMOVAL	FOOT	489.0	489.0	-	-

FILE NAME: c:\work\pjd\c\carlockm\02268360\570700\sh-500.dgn	USER NAME: carlockm	DESIGNED: BMC	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE. 74	SECTION 10-4BR	COUNTY CHAMPAIGN	TOTAL SHEETS 290	SHEET NO. 07
PLOT SCALE: 48.0000 1/4"	CHECKED: -	REVISER: -	REVISER: -						SCALE: -	SHEET NO. 3 OF 9 SHEETS	STA. -	TO STA. -	FED. ROAD DIST. NO. ILLINOIS
PLOT DATE: 11/26/2012	DATE: 04-24-12	REVISER: -	REVISER: -										

LOCATION: FAI 74 (FAS 1520-CH 50)

URBAN	URBAN	URBAN
CHAMPAIGN CO.	CHAMPAIGN CO.	CHAMPAIGN CO.
STA. 13+75.00 TO	STA. 13+75.00 TO	STA. 19+48.38 TO
STA. 34+50.00	STA. 34+50.00	STA. 23+35.98
ROADWAY	PATH	BRIDGE (SN 010-0289)
FED. -90%, STATE-10%	VILL. OF MAHOMET-100%	FED. -90%, STATE-10%

CONSTRUCTION CODE: 0005 0028 0011

ITEM NO.	DESCRIPTION	UNIT	QTY	0005	0028	0011
51200958	FURNISHING METAL SHELL PILES 14" X 0.25"	FOOT	667.0	-	-	667.0
51202305	DRIVING PILES	FOOT	1935.0	-	-	1935.0
51203200	TEST PILE METAL SHELLS	EACH	5.0	-	-	5.0
51204650	PILE SHOES	EACH	67.0	-	-	67.0
51500100	NAME PLATES	EACH	1.0	-	-	1.0
52000110	PREFORMED JOINT STRIP SEAL	FOOT	96.0	-	-	96.0
52100020	ELASTOMETRIC BEARING ASSEMBLY, TYPE II	EACH	16.0	-	-	16.0
52100520	ANCHOR BOLTS, 1"	EACH	32.0	-	-	32.0
52100530	ANCHOR BOLTS, 1 1/4"	EACH	16.0	-	-	16.0
54002020	EXPANSION BOLTS 3/4 INCH	EACH	10.0	10.0	-	-
54210186	PIPE ELBOW, 18"	EACH	2.0	2.0	-	-
54213447	END SECTIONS, 12"	EACH	6.0	6.0	-	-
54213453	END SECTIONS, 18"	EACH	2.0	2.0	-	-
54213663	PRECAST CONCRETE FLARED END SECTIONS, 18"	EACH	6.0	5.0	1.0	-

FILE NAME :	USER NAME : cam-lookbm	DESIGNED BMC	REVISED -
c:\pwork\p\idat\cam-lookbm\d0208358\570790-shl-500.dgn		DRAWN BMC	REVISED -
	PLOT SCALE : 40.0000 1/1 in.	CHECKED -	REVISED -
	PLOT DATE : 11/9/2012	DATE 04-24-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: - SHEET NO. 5 OF 9 SHEETS STA. - TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	09
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70700	

LOCATION:

FAI 74 (FAS 1520-CH 50)

URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 34+50.00 ROADWAY FED. -90%, STATE-10%	URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 18+75.00 PATH VILL. OF MAHOMET-100%	URBAN CHAMPAIGN CO. STA. 19+48.38 TO STA. 23+35.98 BRIDGE (SN 010-0289) FED. -90%, STATE-10%
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CONSTRUCTION CODE:

0005

0028

0011

ITEM NO.	DESCRIPTION	UNIT	QTY	0005	0028	0011
5421D018	PIPE CULVERTS, CLASS D, TYPE 1 18" (TEMPORARY)	FOOT	111.0	111.0	-	-
542D0223	PIPE CULVERTS, CLASS D, TYPE 1, 18"	FOOT	78.0	78.0	-	-
542D0241	PIPE CULVERT, CLASS D, TYPE 1 36"	FOOT	124.0	124.0	-	-
542D1081	PIPE CULVERTS, CLASS D, TYPE 2, 36"	FOOT	16.0	16.0	-	-
550A0090	STORM SEWERS, CLASS A, TYPE 1, 18"	FOOT	331.0	185.0	146.0	-
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	150.0	150.0	-	-
58700300	CONCRETE SEALER	SQ. FT.	2922.0	-	-	2922.0
60100945	PIPE DRAINS, 12"	FOOT	649.0	649.0	-	-
60237420	INLET TYPE A, TYPE 20 FRAME AND GRATE	EACH	8.0	8.0	-	-
60240215	INLET TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1.0	1.0	-	-
60240324	INLET TYPE B, TYPE 20 FRAME AND GRATE	EACH	4.0	2.0	2.0	-
60405900	GRATES AND COVERS TYPE 2B	EACH	4.0	4.0	-	-
60500050	REMOVING CATCH BASINS	EACH	1.0	1.0	-	-
60600095	CLASS SI CONCRETE OUTLET	CU YD.	7.0	7.0	-	-

FILE NAME :
c:\p\work\p\dot\cearlockm\0200308\0270700-shc-500.dgn

USER NAME : cearlockm
PLOT SCALE : 40.0000
PLOT DATE : 11/26/2012

DESIGNED BMC
DRAWN BMC
CHECKED -
DATE 04-24-12

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: - SHEET NO. 6 OF 9 SHEETS STA. - TO STA. -

F.A.I. RTE. 74	SECTION 10-4BR	COUNTY CHAMPAIGN	TOTAL SHEETS 290	SHEET NO. 10
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 70700	

LOCATION:

FAI 74 (FAS 1520-CH 50)

URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 34+50.00 ROADWAY FED. -90%, STATE-10%	URBAN CHAMPAIGN CO. STA. 13+75.00 TO STA. 18+75.00 PATH VILL. OF MAHOMET-100%	URBAN CHAMPAIGN CO. STA. 19+48.38 TO STA. 23+35.98 BRIDGE (SN 010-0289) FED. -90%, STATE-10%
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CONSTRUCTION CODE: 0005 0028 0011

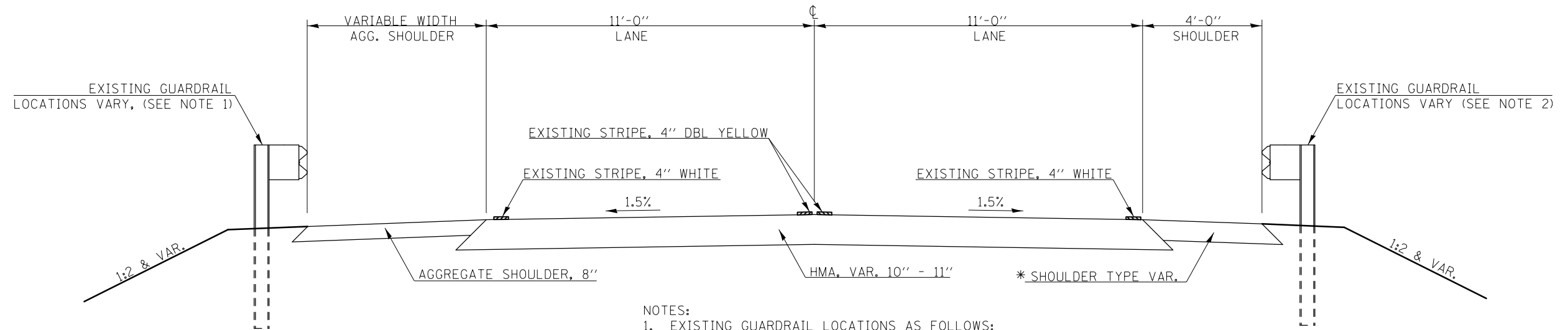
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	0005	0028	0011
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2042.0	1642.0	400.0	-
60900515	CONCRETE THRUST BLOCKS	EACH	9.0	9.0	-	-
61100605	MISCELLANEOUS CONCRETE	CU. YD.	5.0	5.0	-	-
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1917.0	1917.0	-	-
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3.0	3.0	-	-
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4.0	4.0	-	-
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	7.0	7.0	-	-
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2.0	2.0	-	-
63200310	GUARDRAIL REMOVAL	FOOT	3338.0	3338.0	-	-
63500105	DELINEATORS	EACH	3.0	3.0	-	-
66300105	CALCIUM CHLORIDE APPLIED	TON	1.0	1.0	-	-
66500105	WOVEN WIRE FENCE	FOOT	331.0	331.0	-	-
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	13.0	13.0	-	-
67100100	MOBILIZATION	L SUM	1.0	1.0	-	-

* SPECIALTY ITEM

FILE NAME: c:\pwwork\pwwork\cearlockb\09200360\0570760-shc-500.dgn	USER NAME: cearlockb	DESIGNED: BMC	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.I. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
PLLOT SCALE: 48.0000' / 1"	CHECKED: -	REVISIONS:	74					10-4BR	CHAMPAIGN	290	11	
PLLOT DATE: 11/26/2012	DATE: 04-24-12	REVISIONS:	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 70700						
					SCALE: -	SHEET NO. 7 OF 9 SHEETS	STA. -	TO STA. -				

I EXISTING ROADWAY CROSS SECTION (CH 50)

STA. 11+80.00 TO STA. 20+05.84
 STA. 22+89.20 TO STA. 29+25.22

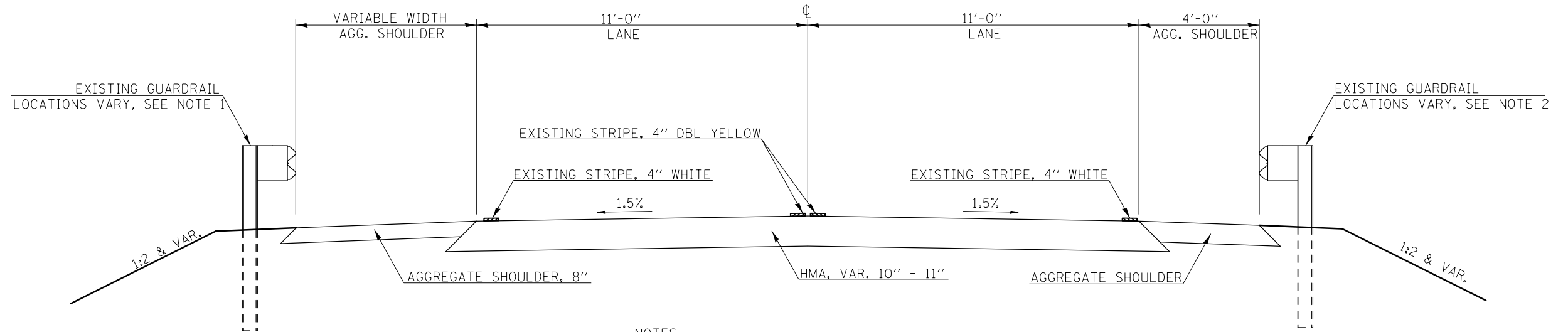


- NOTES:
- EXISTING GUARDRAIL LOCATIONS AS FOLLOWS:
 LT. STA. 14+65.19 TO LT. STA. 20+05.03
 LT. STA. 22+90.54 TO LT. STA. 27+17.23
 - EXISTING GUARDRAIL LOCATIONS AS FOLLOWS:
 RT. STA. 13+63.48 TO RT. STA. 20+05.94
 RT. STA. 22+90.40 TO RT. STA. 28+75.23

* AGG. SHOULDER FROM STA. 11+80.00 TO STA. 12+88.00
 HMA SHOULDER, 8 3/8" FROM STA. 12+88.00 TO 20+05.84
 HMA SHOULDER, 10" FROM STA. 22+89.20 TO STA. 29+25.22

II EXISTING ROADWAY CROSS SECTION (CH 50)

STA. 29+25.22 TO STA. 38+00.00



- NOTES:
- EXISTING GUARDRAIL LOCATIONS AS FOLLOWS:
 LT. STA. 32+82.96 TO LT. STA. 34+50.68
 - EXISTING GUARDRAIL LOCATIONS AS FOLLOWS:
 RT. STA. 31+73.15 TO RT. STA. 34+95.34

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		CHECKED -	REVISED -
		DATE - 04-24-12	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
 CH 50 - LAKE OF THE WOODS RD.

SCALE: N/A

SHEET NO. 1 OF 12 SHEETS

STA. - TO STA. -

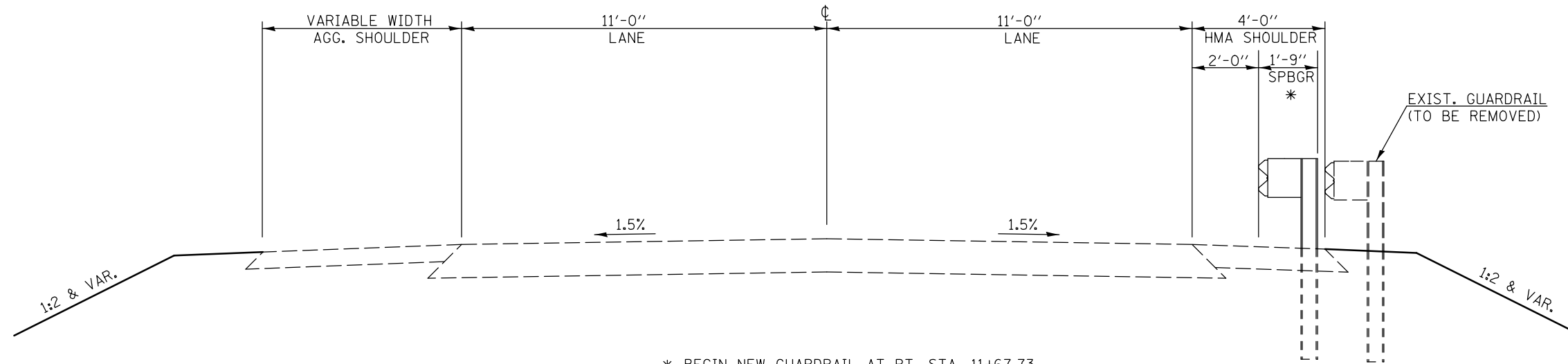
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74	10-4BR	CHAMPAIGN	290	14
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

EXISTING ROADWAY CROSS SECTION (CH 50)

SEE EXISTING ROADWAY CROSS SECTION ①

① PROPOSED ROADWAY CROSS SECTION (CH 50)

STA. 11+80.26 TO STA. 13+75.00 ②



* BEGIN NEW GUARDRAIL AT RT. STA. 11+67.73
(SEE GUARDRAIL DETAILS)

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	PLOT DATE = 11/9/2012	DATE - 04-24-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CH 50 - LAKE OF THE WOODS RD.

SCALE: N/A

SHEET NO. 2 OF 12 SHEETS

STA. - TO STA. -

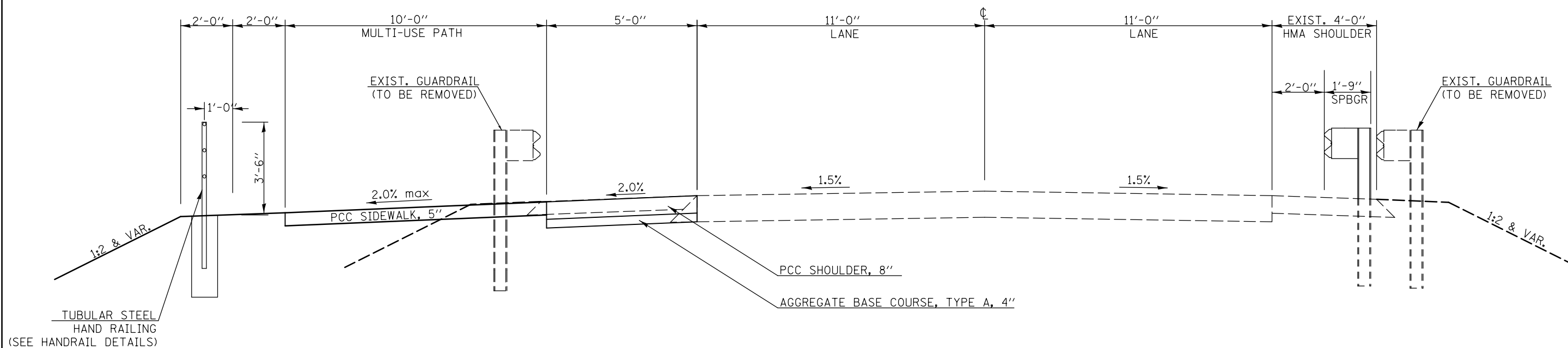
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	15
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

EXISTING ROADWAY CROSS SECTION (CH 50)

SEE EXISTING ROADWAY CROSS SECTION ①

② PROPOSED ROADWAY CROSS SECTION (CH 50)

① STA. 13+75.00 TO STA. 14+98.86 ③



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	PLOT DATE = 11/9/2012	DATE - 04-24-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CH 50 - LAKE OF THE WOODS RD.

SCALE: N/A SHEET NO. 3 OF 12 SHEETS STA. - TO STA. -

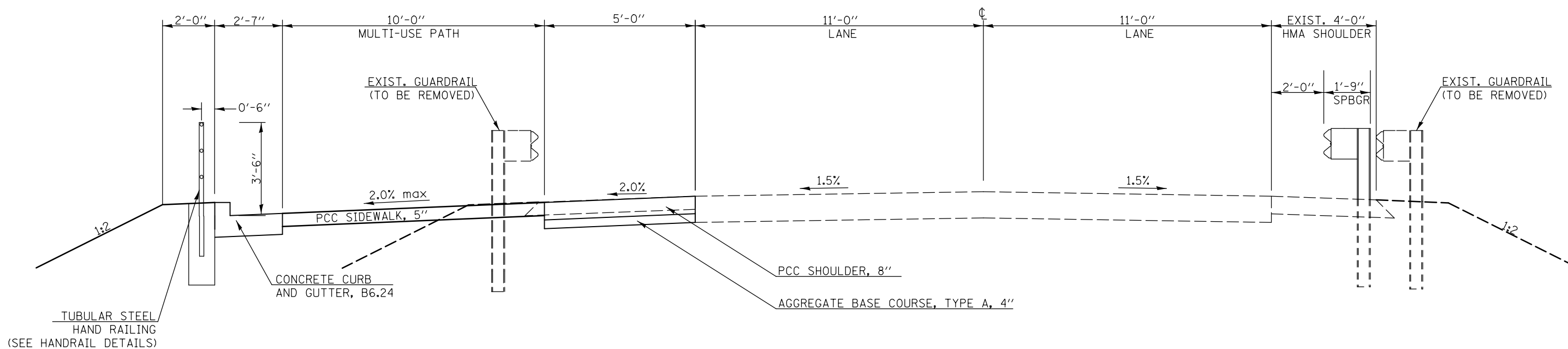
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	16
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

EXISTING ROADWAY CROSS SECTION (CH 50)

SEE EXISTING ROADWAY CROSS SECTION ①

③ PROPOSED ROADWAY CROSS SECTION (CH 50)

② STA. 14+98.86 TO STA. 18+00.00 ④



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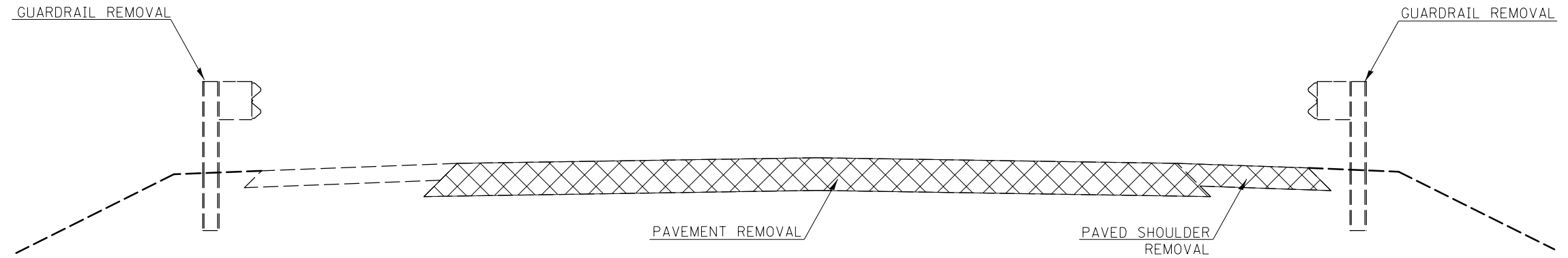
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CH 50 - LAKE OF THE WOODS RD.

SCALE: N/A SHEET NO. 4 OF 12 SHEETS STA. - TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	17
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

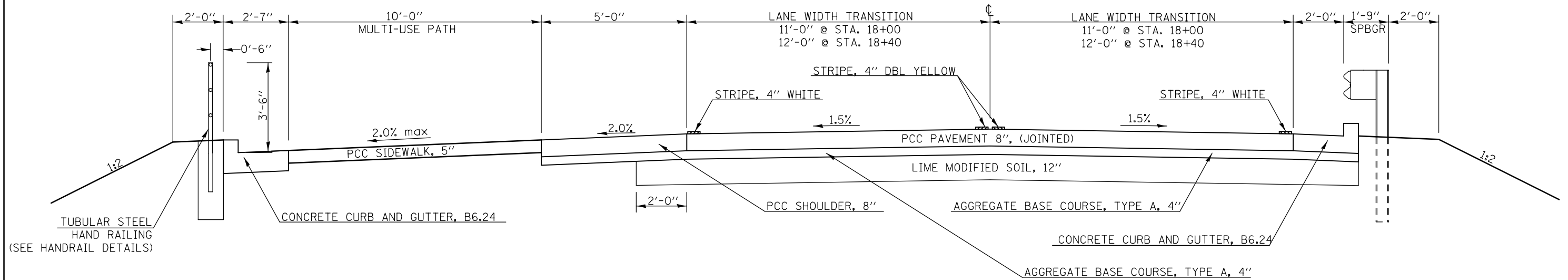
EXISTING ROADWAY CROSS SECTION (CH 50)



NOTE: SEE EXISTING ROADWAY CROSS SECTION ① FOR DETAILS.

④ PROPOSED ROADWAY CROSS SECTION (CH 50)

③ STA. 18+00.00 TO STA. 18+40.00 ⑤



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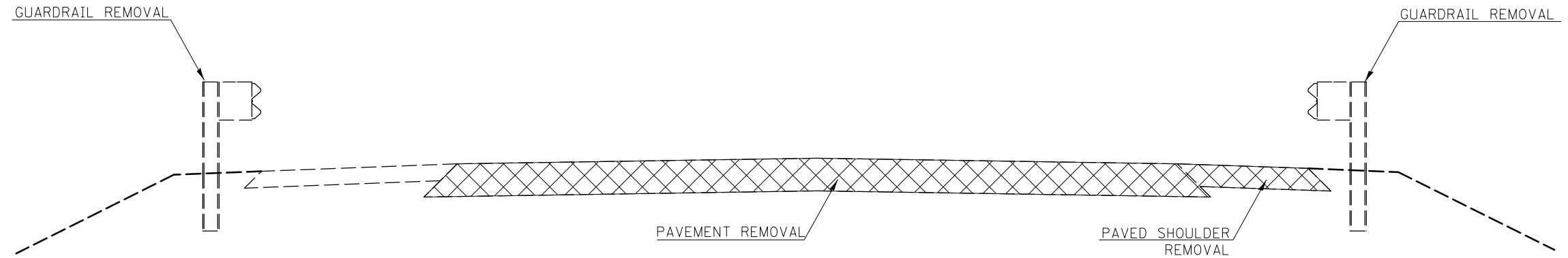
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
CH 50 - LAKE OF THE WOODS RD.

SCALE: N/A SHEET NO. 5 OF 12 SHEETS STA. - TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	18
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

EXISTING ROADWAY CROSS SECTION (CH 50)

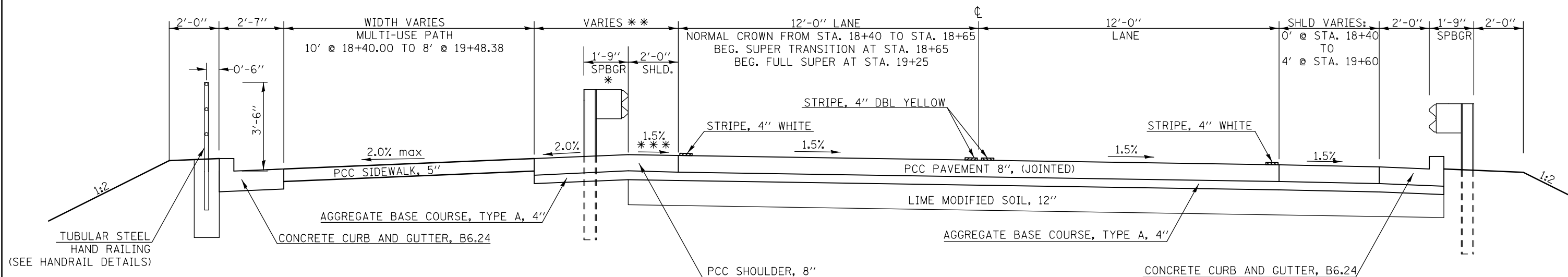


NOTE: SEE EXISTING ROADWAY CROSS SECTION ① FOR DETAILS.

⑤ PROPOSED ROADWAY CROSS SECTION (CH 50)

④ STA. 18+40.00 TO STA. 19+48.38 ①
 NOTE: STA. 18+65.00 (BEG. SUPER TRANSITION)
 STA. 19+25.00 (BEG. FULL SUPER ELEVATION)

NOTE: BRIDGE APPROACH PAVEMENT CONNECTOR: STA. 18+48.38 TO STA. 19+48.38,
 SEE IDOT STANDARD 420401-08 (SHEET 1 OF 2) FOR DETAILS.



* GUARDRAIL BEGINS @ LT. STA. 18+43.26

** WIDTH TAPERS FROM 5'-0" @ STA. 18+40.00 TO 3'-7" @ STA. 19+48.38

*** SLOPE VARIES THROUGHOUT SUPERELEVATION TRANSITION:
 2.0% @ STA. 18+65.00 TO 1.5% @ STA. 19+25.00

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -
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PLOT DATE = 11/9/2012		DATE - 04-25-12	REVISED -

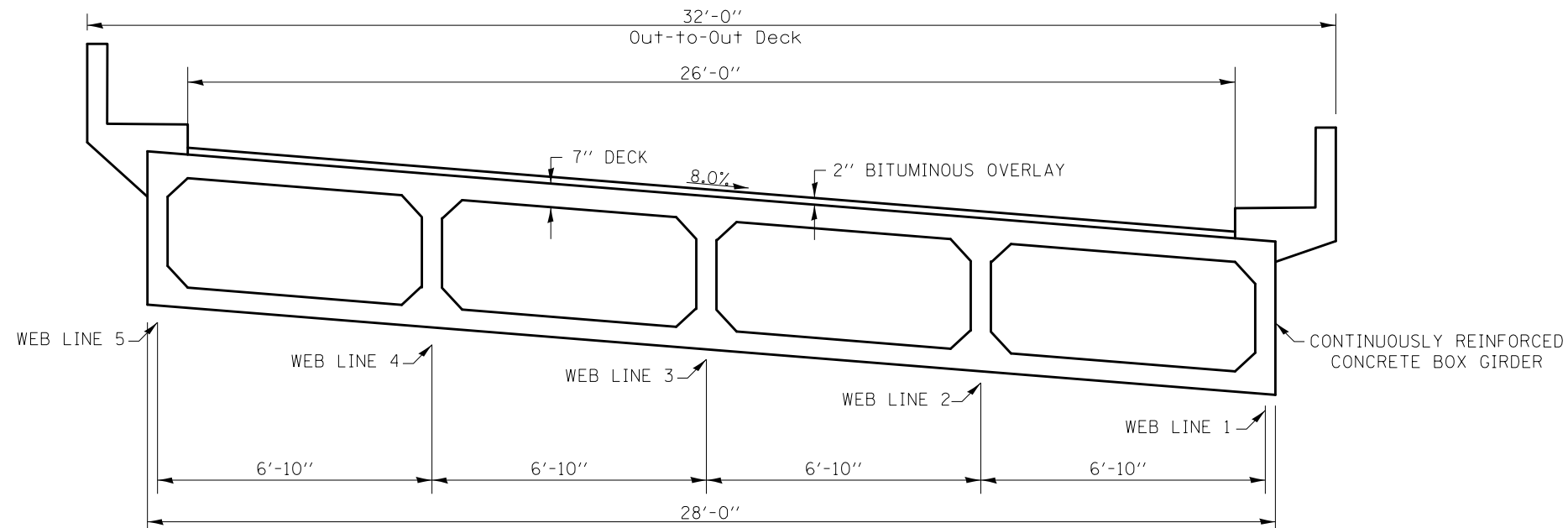
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS		
CH 50 - LAKE OF THE WOODS RD.		
SCALE: N/A	SHEET NO. 6 OF 12 SHEETS	STA. - TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	19
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

EXISTING DECK CROSS SECTION (CH 50)

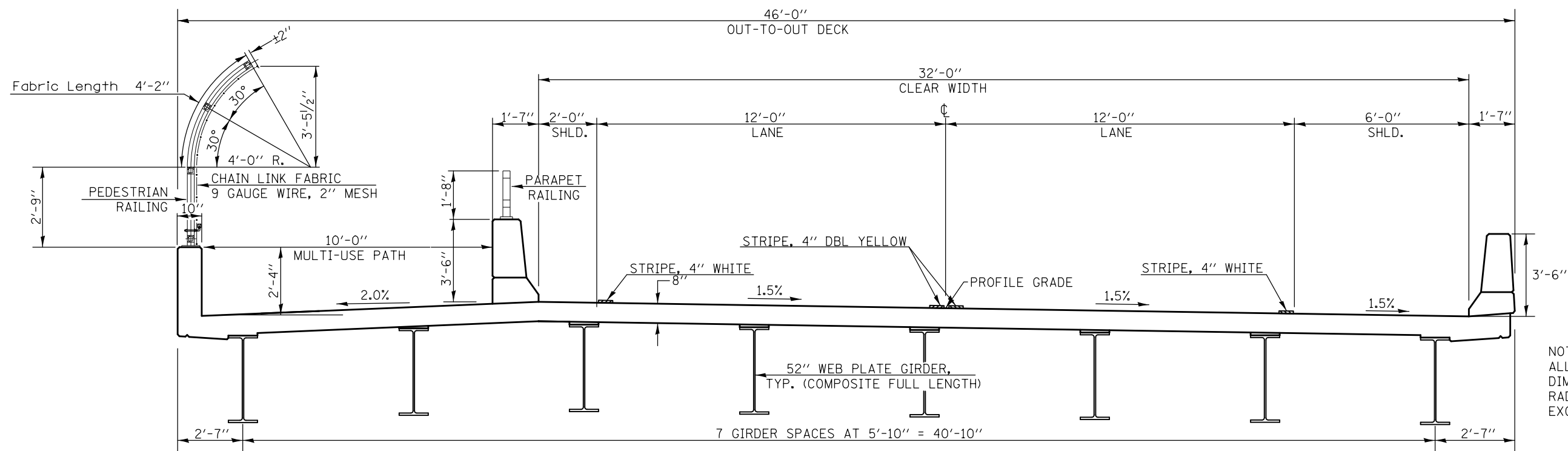
STA. 20+05.84 TO STA. 22+89.20
SN 010-0157



B PROPOSED DECK CROSS SECTION (CH 50)

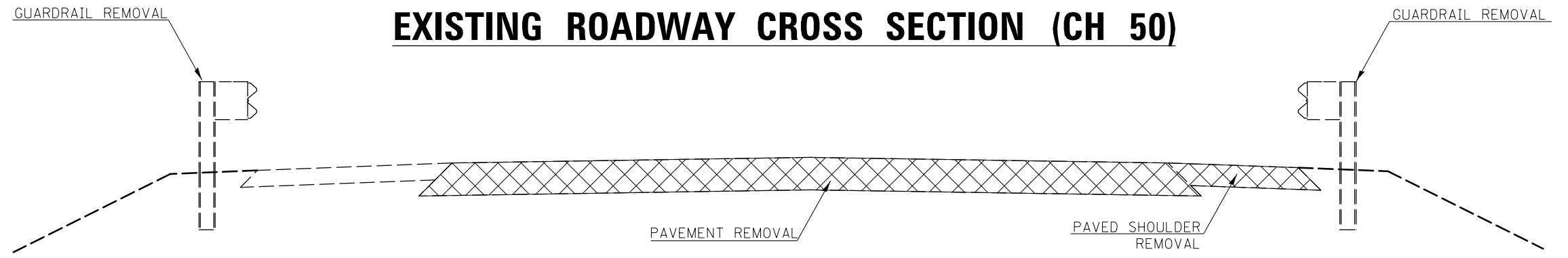
A STA. 20+08.38 TO STA. 22+65.96 A
THRU SN 010-0289 - LOOKING UPSTATION

SEE STRUCTURE PLANS FOR:
STA. 19+48.38 TO STA. 19+78.38
STA. 23+05.38 TO STA. 23+35.38



NOTE:
ALL HORIZONTAL
DIMENSIONS ARE
RADIAL TO C CH 50
EXCEPT AS NOTED

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS CH 50 - LAKE OF THE WOODS RD.			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-typic01.dgn	DRAWN BMC	REVISED -	REVISED -		74	10-4BR	CHAMPAIGN	290	21			
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT				
PLOT DATE = 11/9/2012	DATE - 04-25-12	REVISED -	REVISED -		SCALE: N/A	SHEET NO. 8 OF 12 SHEETS	STA. - TO STA. -					

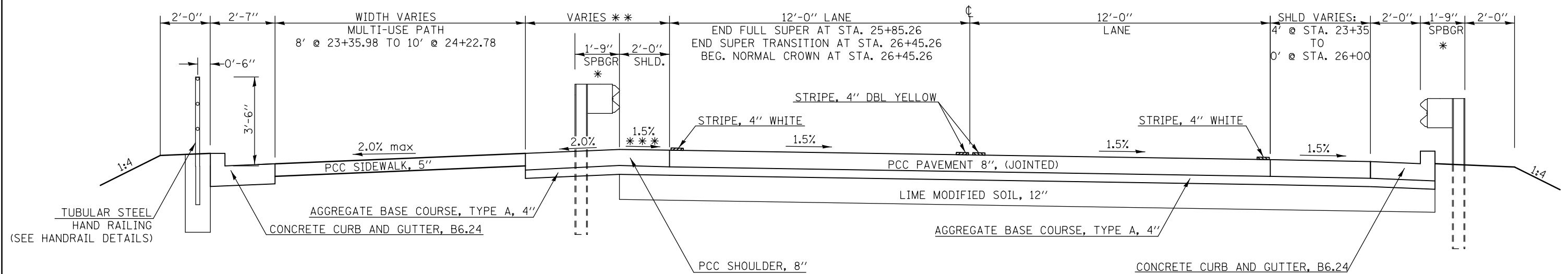


NOTE: SEE EXISTING ROADWAY CROSS SECTION ① FOR DETAILS.

⑥ PROPOSED ROADWAY CROSS SECTION (CH 50)

④ STA. 23+35.98 TO STA. 26+37.98 ⑦
 NOTES: STA. 25+85.00 (END FULL SUPER ELEVATION, BEG. SUPER ELEVATION TRANSITION)
 STA. 26+45.00 (END SUPER ELEVATION TRANSITION, BEG. NORMAL CROWN)

NOTE: BRIDGE APPROACH PAVEMENT CONNECTOR: STA. 23+35.98 TO STA. 24+35.98,
 SEE IDOT STANDARD 420401-08 (SHEET 1 OF 2) FOR DETAILS.



* GUARDRAIL ENDS AT STA. 25+16.63 (BOTH SIDES OF ROADWAY)

** WIDTH TAPERS AS FOLLOWS:
 3'-7" @ STA. 23+35.35 TO 5'-9" @ STA. 24+22.78
 5'-9" FROM STA. 24+22.78 TO STA. 25+16.63
 5'-9" @ STA. 25+16.63 TO 5'-0" @ STA. 25+39.13
 5'-0" FROM STA. 25+39.13 TO STA. 26+37.98

*** SLOPE VARIES THROUGHOUT SUPERELEVATION TRANSITION:
 1.5% @ STA. 25+85.26 TO 2.0% @ STA. 26+45.26

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
ei:\pwork\pwork\ceorlockbm\d0208368\0570700-sht-typicol.dgn		DRAWN BMC	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE - 04-25-12	REVISED -

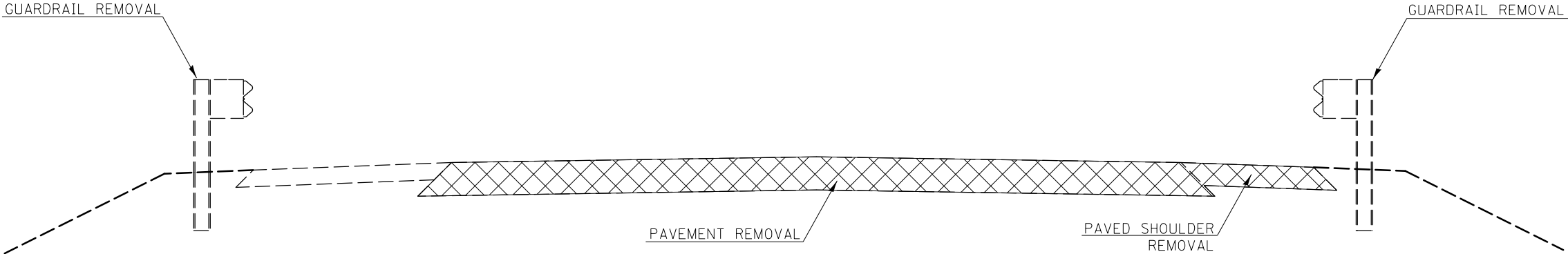
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
 CH 50 - LAKE OF THE WOODS RD.

SCALE: N/A SHEET NO. 9 OF 12 SHEETS STA. - TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	22
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

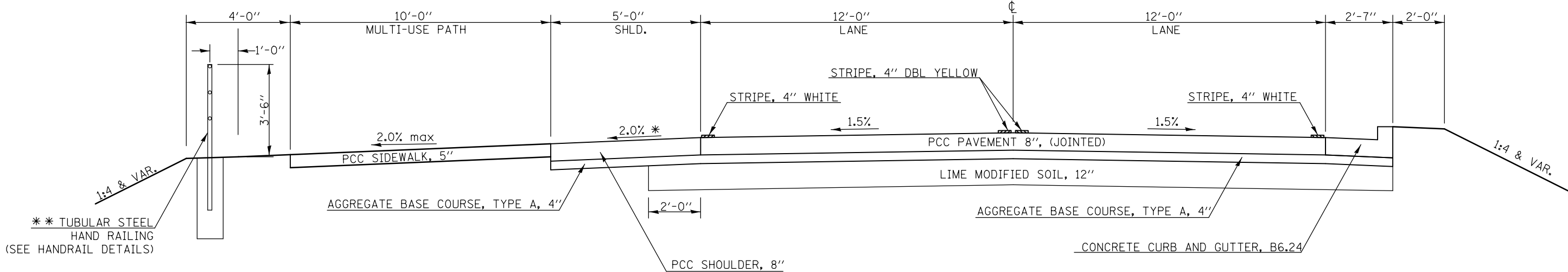
EXISTING ROADWAY CROSS SECTION (CH 50)



NOTE: SEE EXISTING ROADWAY CROSS SECTION ① FOR DETAILS.

⑦ PROPOSED ROADWAY CROSS SECTION (CH 50)

⑥ STA. 26+37.98 TO STA. 29+11.28 ⑧

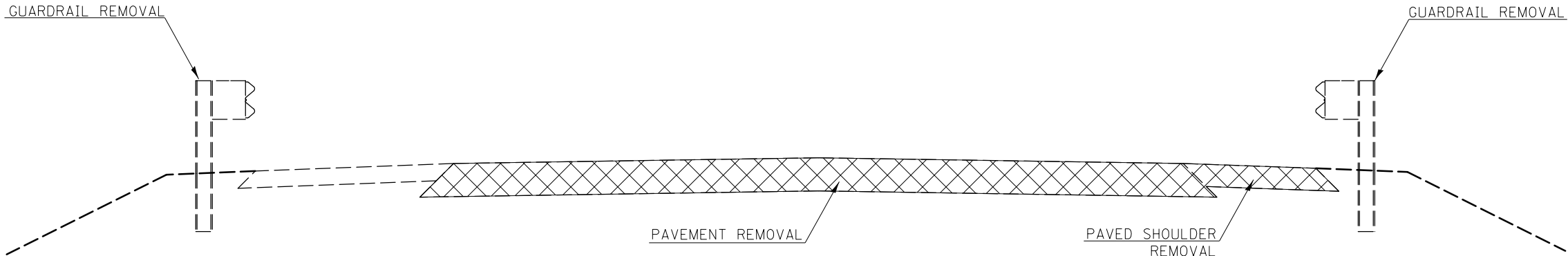


* SLOPE VARIES FROM 26+37.98 TO STA. 26+45.26 (SEE *** ON PROPOSED CROSS SECTION ⑥)
SLOPE = 2.0% FROM 26+45.26 TO 29+11.28

*** END BIKE TRAIL HAND RAILING @ STA. 27+00.00

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS CH 50 - LAKE OF THE WOODS RD.			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\id\ceerlockbm\d0208368\0570700-sht-typicol.dgn		DRAWN BMC	REVISED -		74	10-4BR	CHAMPAIGN	290	23			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT				
PLOT DATE = 11/9/2012		DATE - 04-25-12	REVISED -		SCALE: N/A	SHEET NO. 10 OF 12 SHEETS	STA. - TO STA. -					

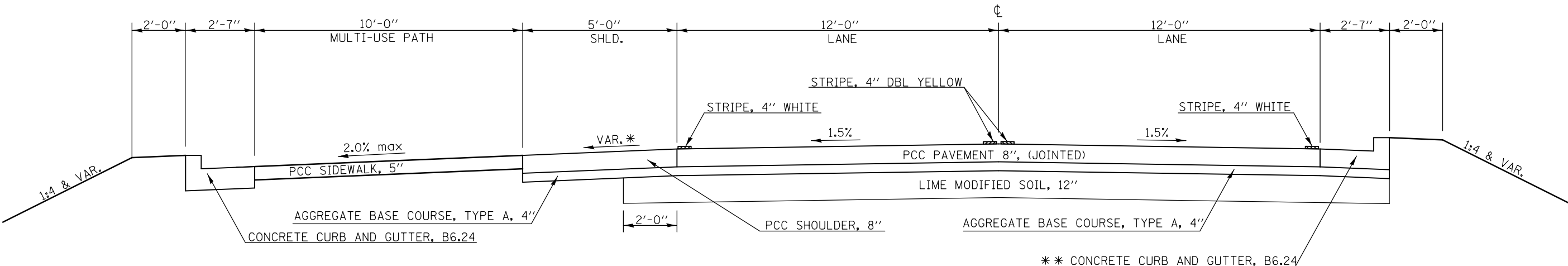
EXISTING ROADWAY CROSS SECTION (CH 50)



NOTE: SEE EXISTING ROADWAY CROSS SECTION (II) FOR DETAILS.

8 PROPOSED ROADWAY CROSS SECTION (CH 50)

(7) STA. 29+11.28 TO STA. 32+16.40 (9)

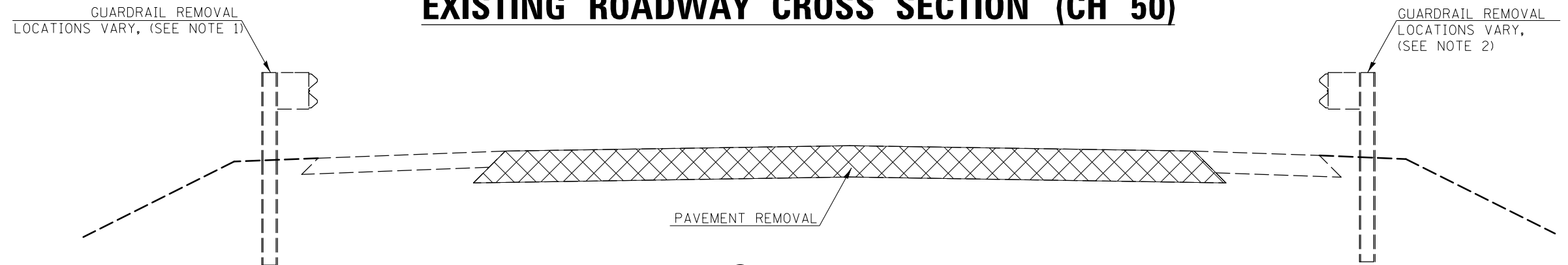


* LT. SHLD. SLOPE VARIES:
 2.0% @ STA. 30+50.00 TO 6% @ STA. 31+00.00
 6.0% FROM STA. 31+00.00 TO STA. 32+16.00

** RT. CONCRETE CURB AND GUTTER, B6.24 ENDS @ STA. 30+97.90

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS CH 50 - LAKE OF THE WOODS RD.			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-typicol.dgn	DRAWN BMC	REVISOR -	REVISOR -		74	10-4BR	CHAMPAIGN	290	24			
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -	REVISOR -		CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT				
PLOT DATE = 11/9/2012	DATE - 04-25-12	REVISOR -	REVISOR -		SCALE: N/A	SHEET NO. 11 OF 12 SHEETS	STA. - TO STA. -					

EXISTING ROADWAY CROSS SECTION (CH 50)



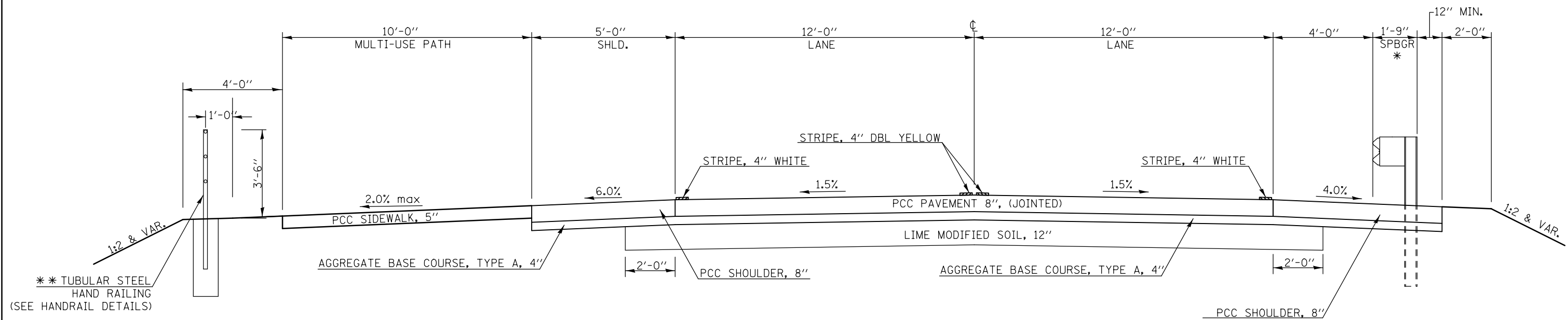
NOTE: SEE EXISTING ROADWAY CROSS SECTION ⑪ FOR DETAILS.

NOTES:

1. EXISTING GUARDRAIL LOCATIONS AS FOLLOWS:
LT. STA. 32+82.96 TO LT. STA. 34+50.68
2. EXISTING GUARDRAIL LOCATIONS AS FOLLOWS:
RT. STA. 31+73.00 TO RT. STA. 34+95.34

⑨ PROPOSED ROADWAY CROSS SECTION (CH 50)

⑧ STA. 32+16.40 TO STA. 34+50.00



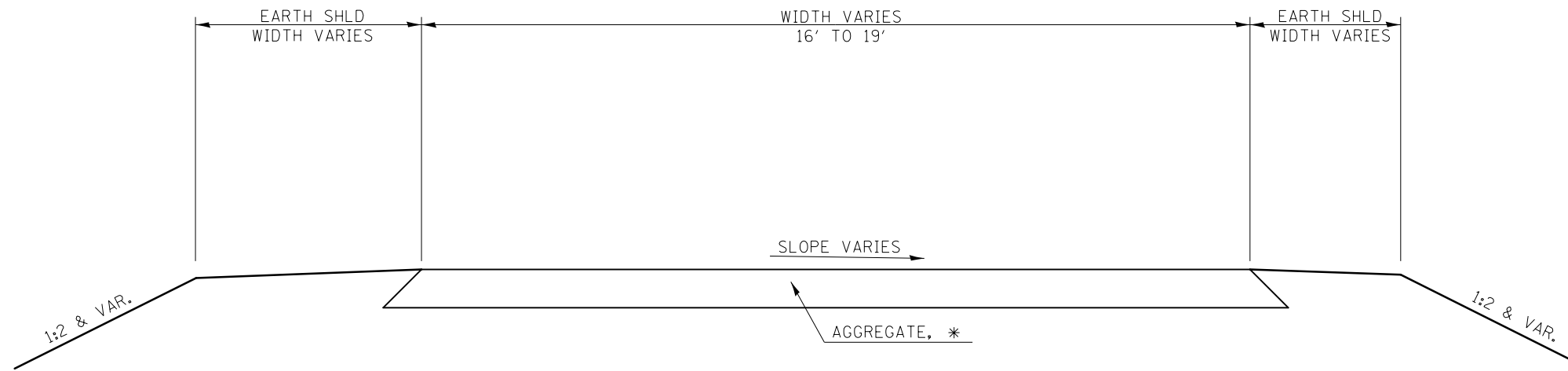
* GUARDRAIL BEGINS @ RT. STA. 31+95.50 AND ENDS @ RT. STA. 35+00.00

** BIKE RAIL BEGINS @ LT. STA. 32+75.00 AND ENDS @ LT. STA. 34+50.00

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS CH 50 - LAKE OF THE WOODS RD.			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-typic01.dgn	DRAWN BMC	REVISOR -	REVISED -		SCALE: N/A	SHEET NO. 12 OF 12 SHEETS	STA. - TO STA. -	74	10-4BR	CHAMPAIGN	290	25
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -	REVISED -					CONTRACT NO. 70700				
PLOT DATE = 11/9/2012	DATE - 04-25-12	REVISOR -	REVISED -		ILLINOIS FED. AID PROJECT							

EXISTING ROADWAY CROSS SECTION – GIRL SCOUT CAMP RD. (S. LOW RD.)

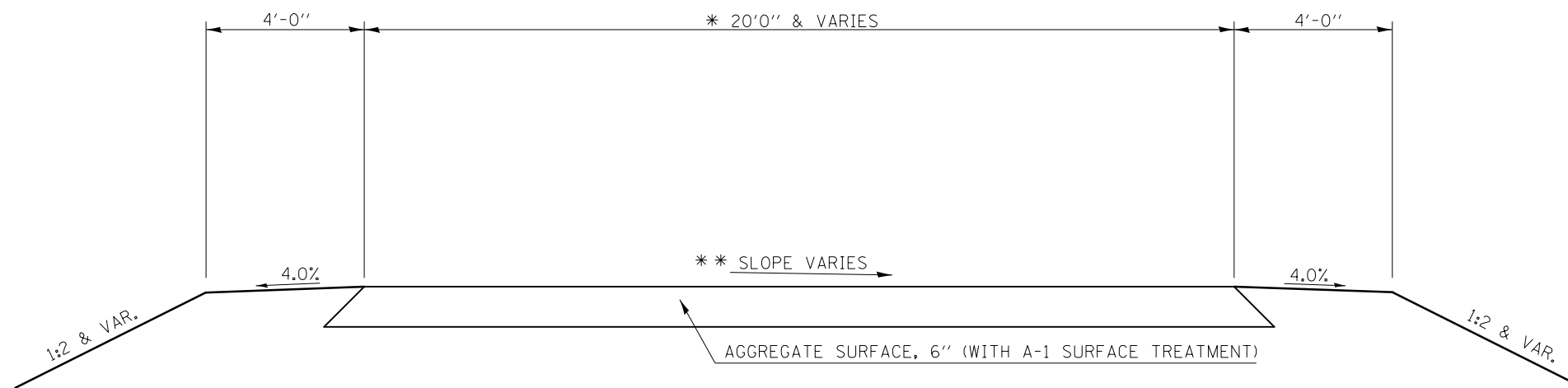
STA. 98+25.00 TO STA. 99+75.00



* EXISTING ROADWAY SURFACE VARIES. ROADWAY APPEARS TO HAVE BEEN PREVIOUSLY CHIP AND SEALED BUT HAS DETERIORATED OVER TIME. PORTIONS OF THE EXISTING SURFACE HAVE DETERIORATED INTO AGGREGATE SURFACE.

PROPOSED ROADWAY CROSS SECTION – GIRL SCOUT CAMP RD. (S. LOW RD.)

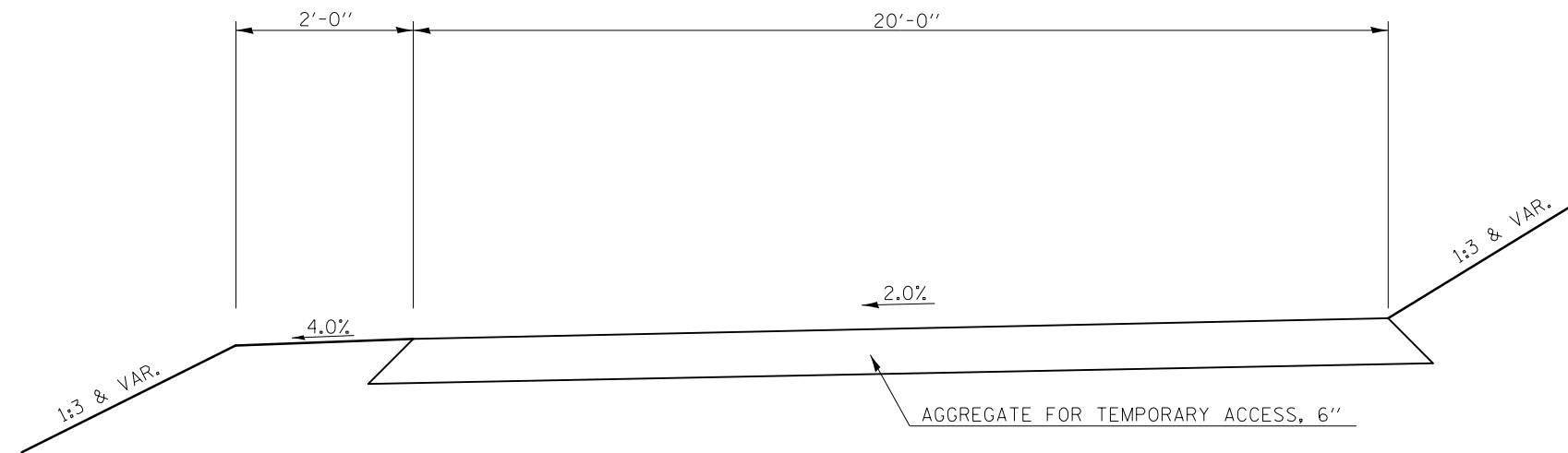
STA. 98+25.00 TO STA. 99+56.58



* MATCH EXISTING 17'-0" WIDTH AT STA. 98+25.00.
 VARIES FROM 17'-0" @ STA. 98+25.00 TO 20'-0" @ STA. 98+50.00
 WIDTH EQUALS 20'-0" FROM STA. 98+50.00 TO STA. 99+25.00
 WIDTH VARIES FROM 20'-0" @ STA. 99+25.00 TO 30'-0" @ STA. 99+56.58
 ** SURFACE SLOPE VARIES, SEE GIRL SCOUT CAMP RD. CROSS SECTIONS.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS – GIRL SCOUT CAMP RD. (S. LOW RD.) CH 50 – LAKE OF THE WOODS RD.			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-typicol.dgn	DRAWN BMC	REVISED -	74					10-4BR	CHAMPAIGN	290	26	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70700									
PLOT DATE = 11/9/2012	DATE - 04-24-12	REVISED -	SCALE: N/A		SHEET NO. 1 OF 1 SHEETS	STA. - TO STA. -	ILLINOIS FED. AID PROJECT					

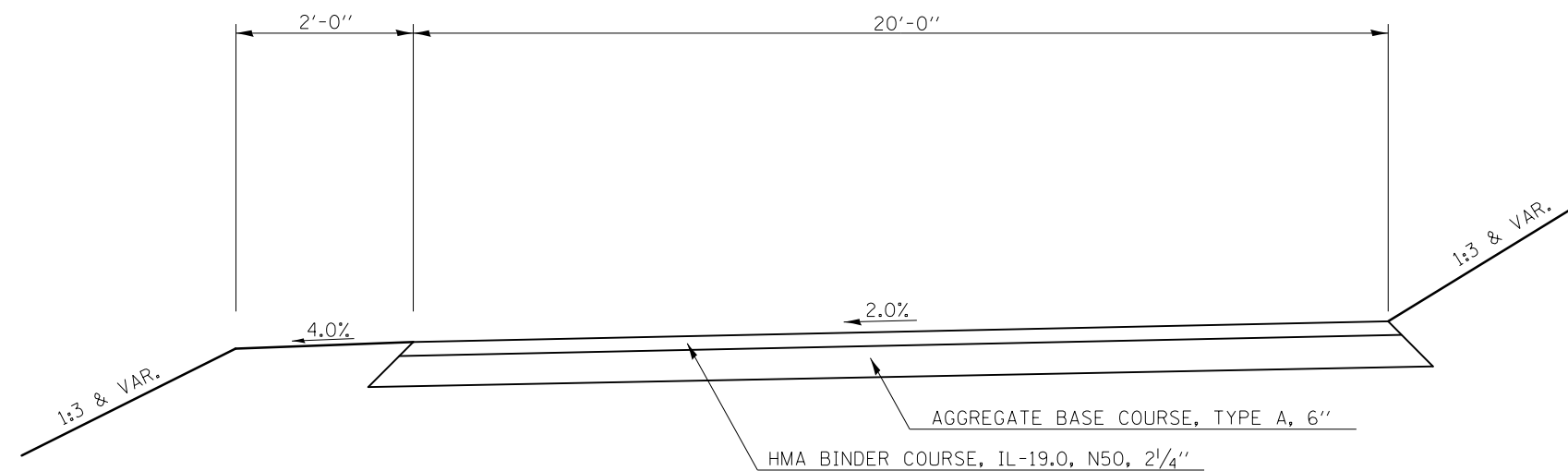
PROPOSED ROADWAY CROSS SECTION – TEMPORARY ACCESS ROADWAY PHASE II STA. 300 + 00.00 TO STA. 301 + 75.00



NOTE: SEE TEMPORARY ACCESS ROADWAY PHASE II CROSS SECTIONS FOR ADDITIONAL INFORMATION.

NOTE: NO TYPICAL CROSS SECTION AVAILABLE, SEE TEMPORARY ACCESS ROADWAY PHASE I CROSS SECTIONS FOR DETAILS.

PROPOSED ROADWAY CROSS SECTION – TEMPORARY ACCESS ROADWAY PHASE II STA. 301 + 75.00 TO STA. 304 + 50.00

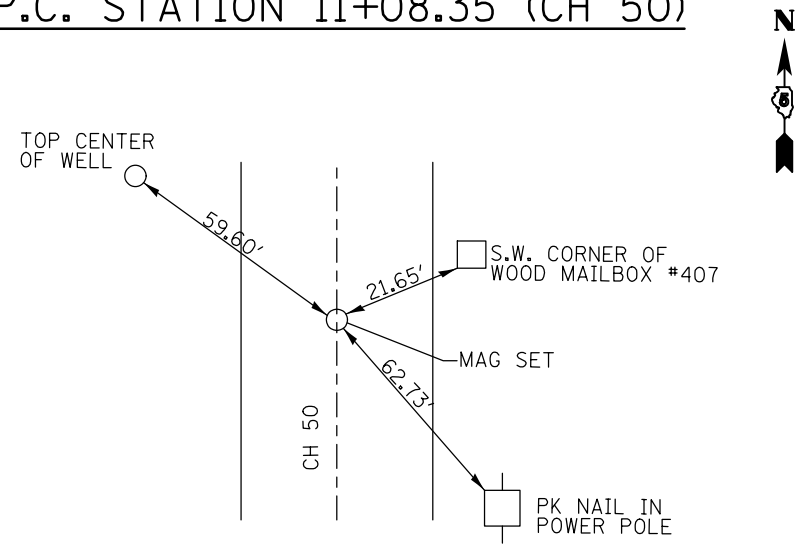


NOTES:

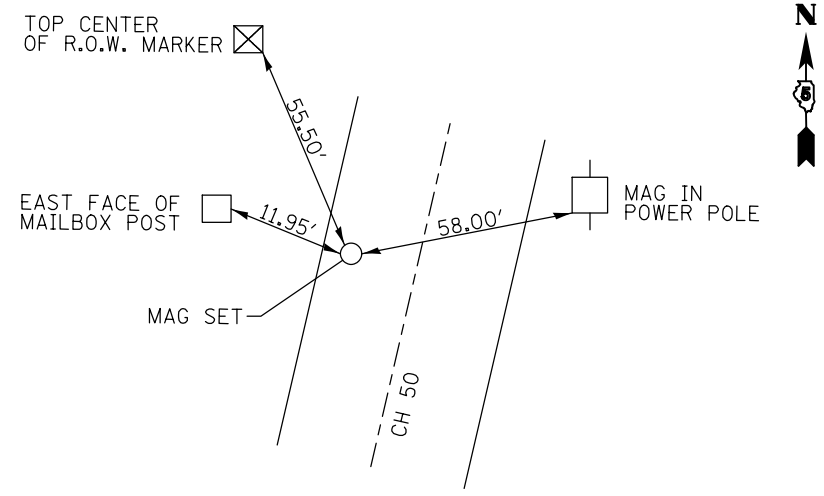
1. SEE TEMPORARY ACCESS ROADWAY PHASE II CROSS SECTIONS FOR ADDITIONAL INFORMATION.
2. TEMPORARY ACCESS ROADWAY PHASE III TYPICAL SECTION SHALL CONSIST OF 2 1/4" HMA BINDER COURSE, IL-19.0, N50 OVER 6" AGGREGATE BASE COURSE TYPE A.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED <i>BMC</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS – TEMP. ACCESS ROADWAY PHASE I & II CH 50 – LAKE OF THE WOODS RD.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwork\ceorlockbm\d0208368\0570700-sht-typicol.dgn	DRAWN <i>BMC</i>	REVISED -	74			10-4BR	CHAMPAIGN	290	27	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70700							
PLOT DATE = 11/9/2012	DATE - 04-24-12	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: N/A	SHEET NO. 1 OF 1 SHEETS		STA. - TO STA. -		

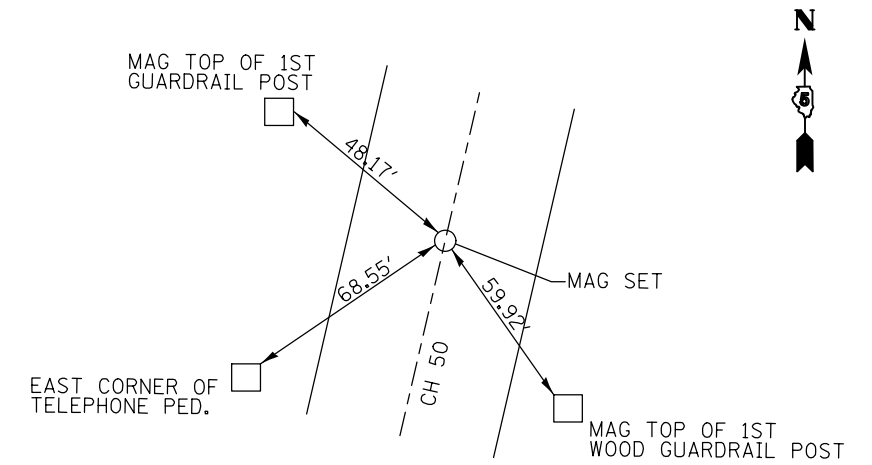
P.C. STATION 11+08.35 (CH 50)



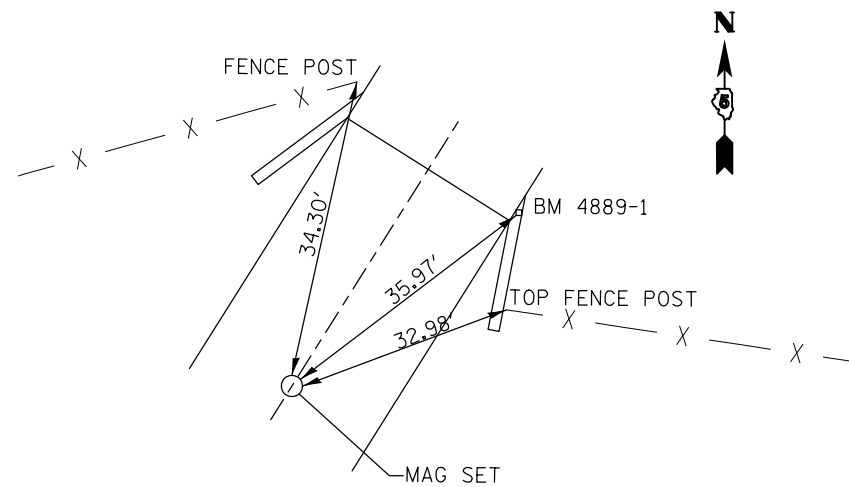
P.I. STATION 12+66.17 (CH 50) (PT. #188)



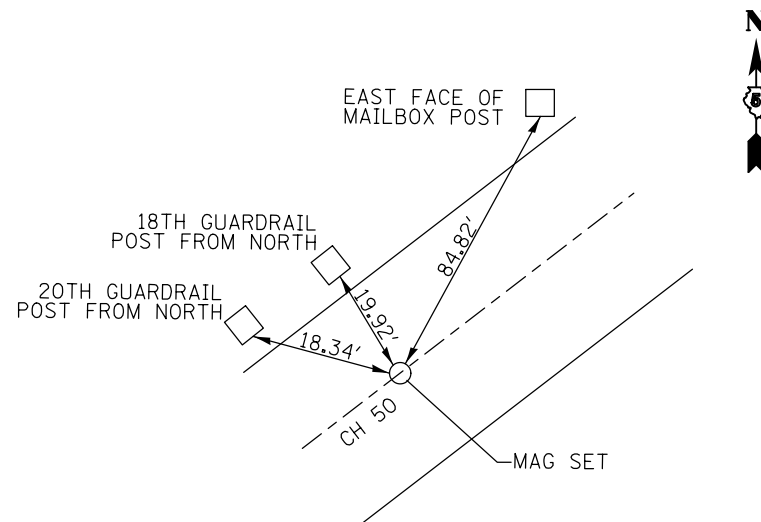
P.T. STATION 14+23.05 (CH 50)



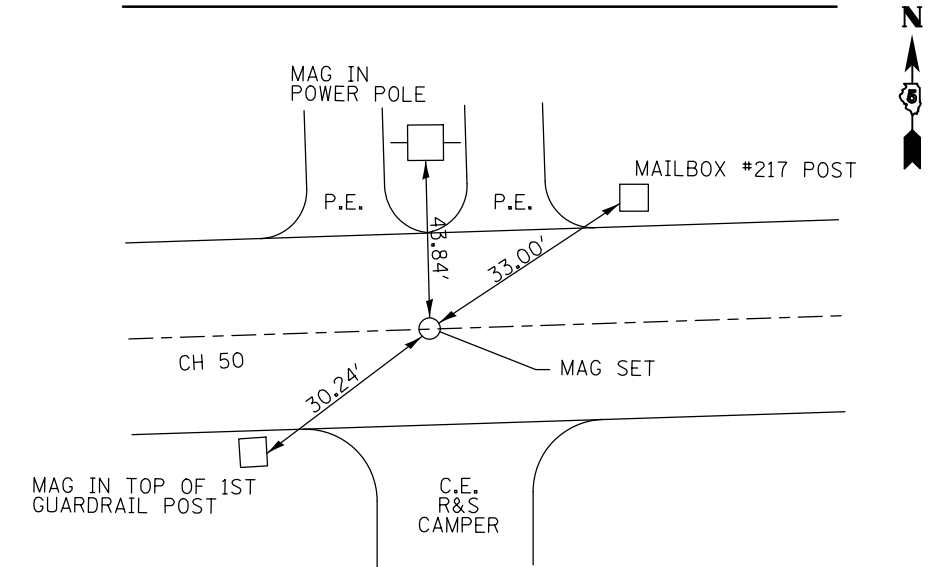
P.C. STATION 19+71.60 (CH 50)



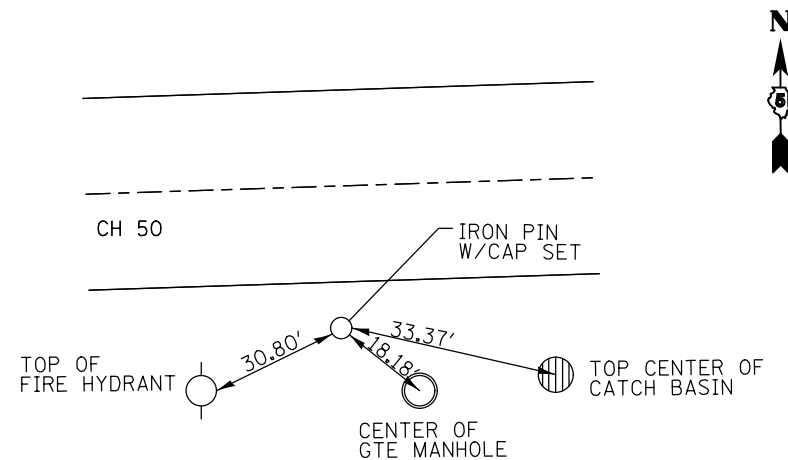
P.T. STATION 26+00.26 (CH 50)



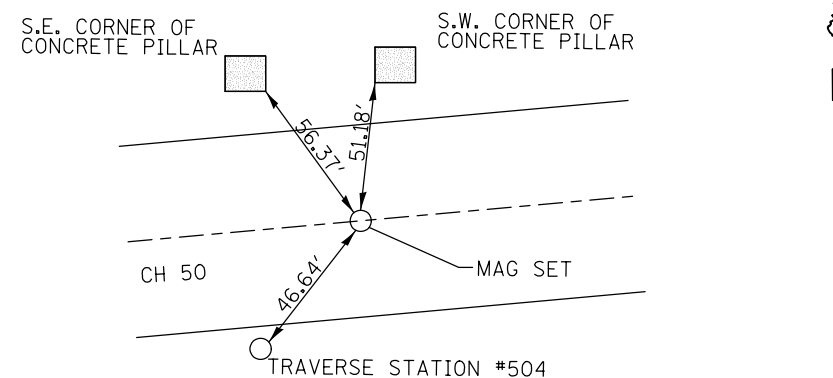
P.C. STATION 28+97.07 (CH 50)



P.I. STATION 30+83.08 (CH 50) (PT. #190)



P.T. STATION 32+62.61 (CH 50)



FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
ce:\pw\work\p1dot\ceorlockbm\d0208368\0570700-sh-t-ATB.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 04-25-12	REVISED -

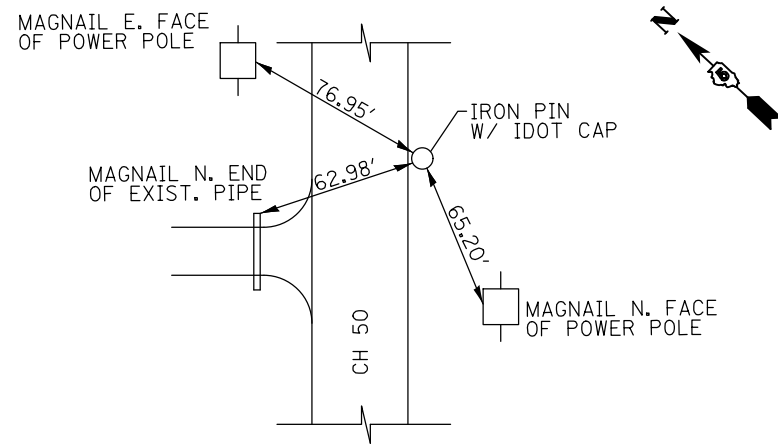
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT CROSS TIES, TRAVERSE STATIONS & BENCHMARKS DATA

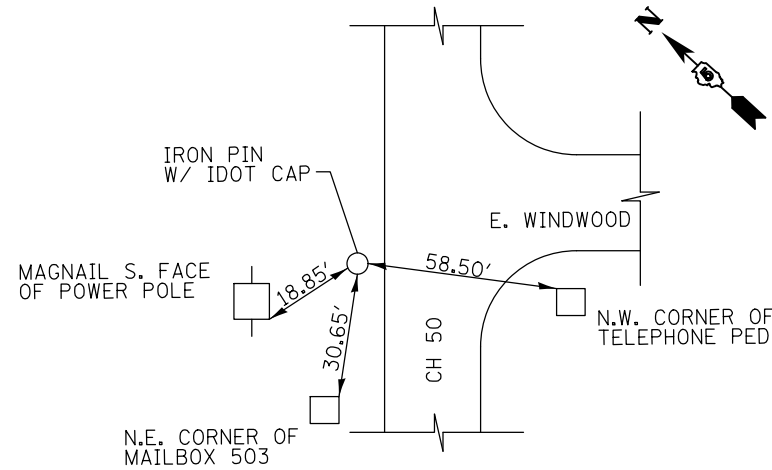
SCALE: N/A SHEET 1 OF 3 SHEETS STA. ---- TO STA. ----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	28
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

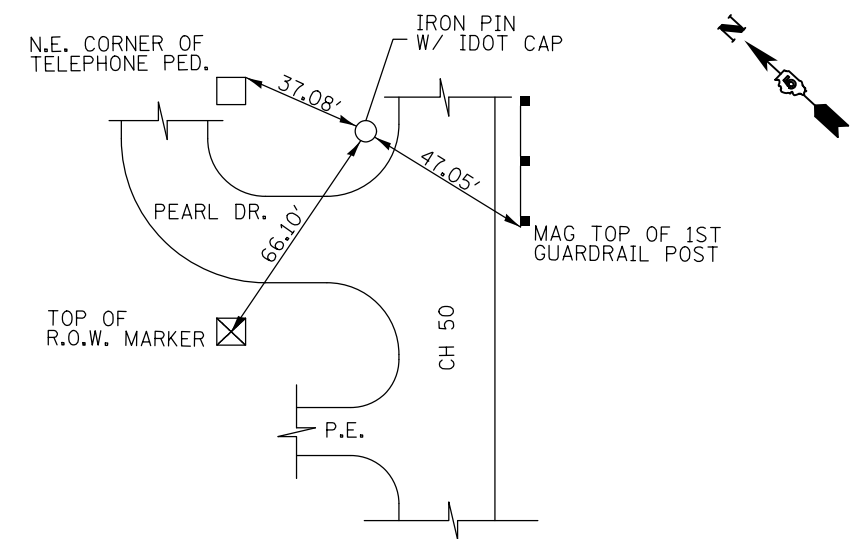
T.S. #498



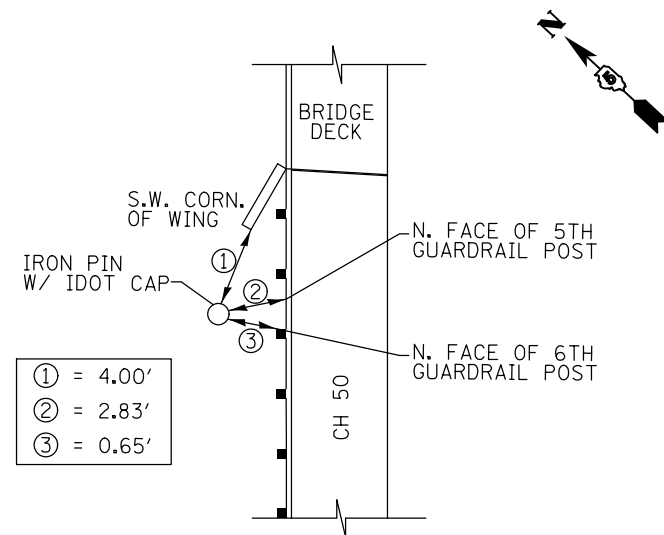
T.S. #499, STA. 10+01.13, 18.62' LT.



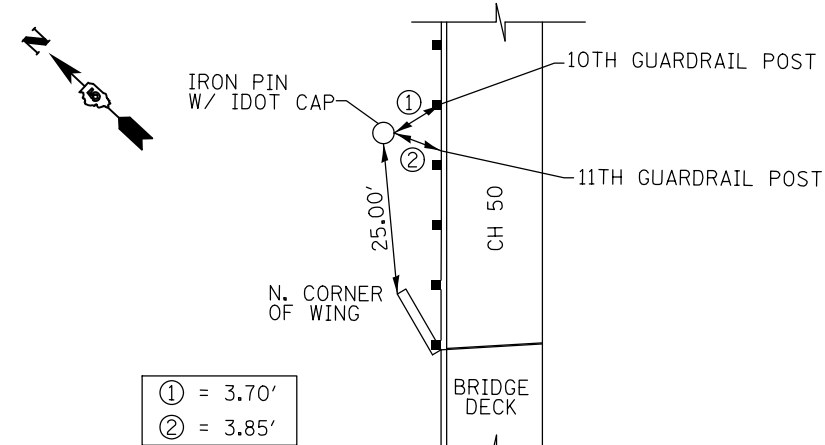
T.S. #500, STA. 13+71.33, 18.66' LT.



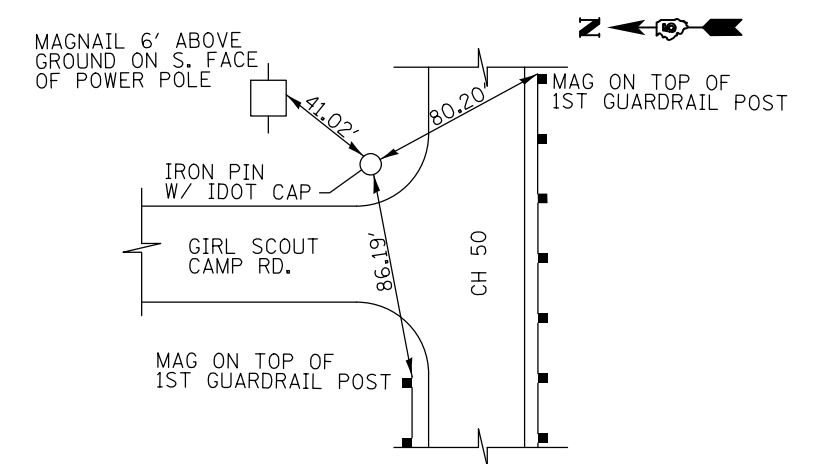
T.S. #501, STA. 19+90.20, 18.08' LT.



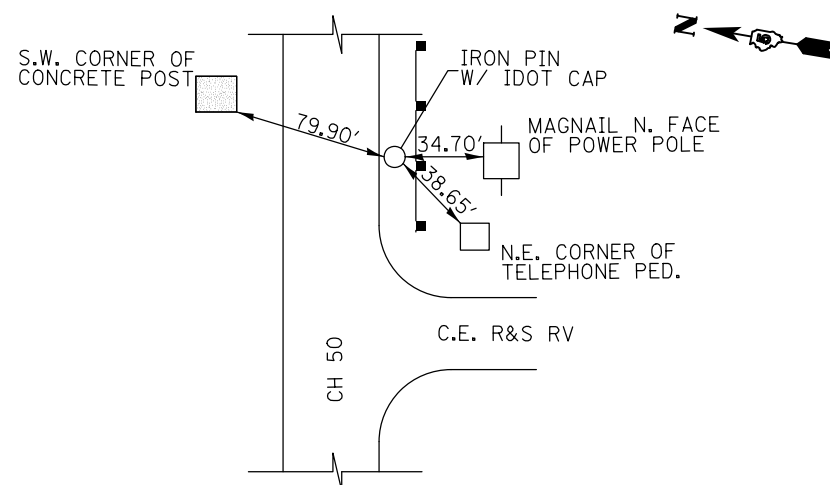
T.S. #502, STA. 23+24.94, 18.86' LT.



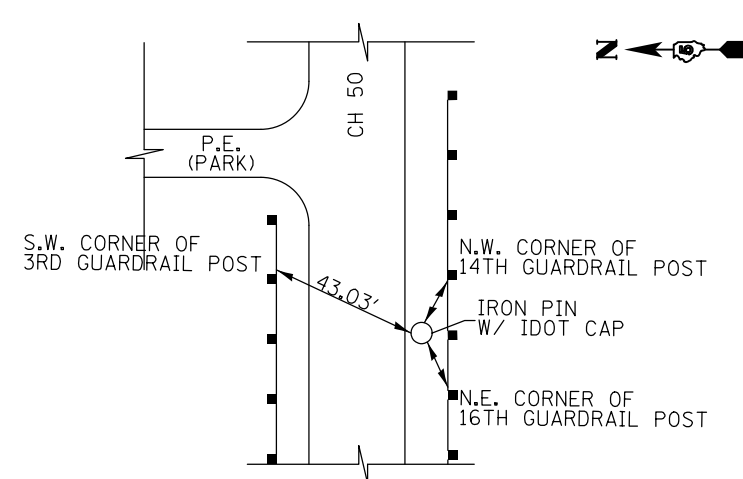
T.S. #503, STA. 28+01.07, 17.06' LT.



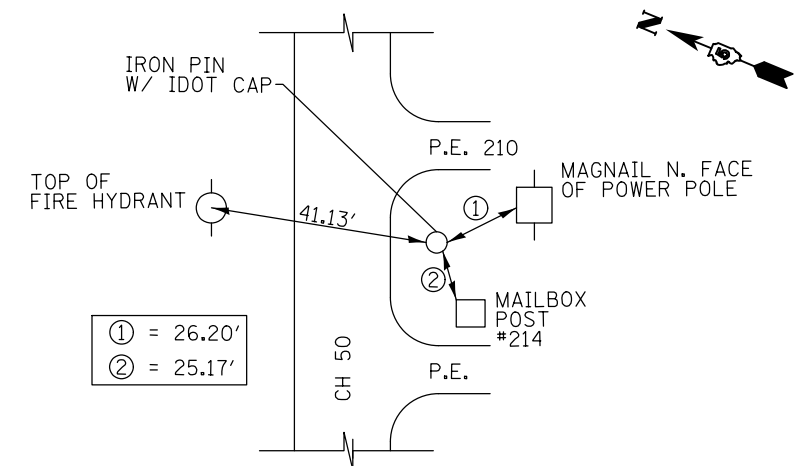
T.S. #504, STA. 32+19.03, 15.49' RT.



T.S. #523, STA. 33+98.00, 14.07' RT.



T.S. #505, STA. 37+23.42, 19.71' RT.



FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED -
c:\pwork\pwork\cealockbm\d0208368\0570700-sh-t-ATB.dgn		DRAWN BMC	REVISED -
		CHECKED -	REVISED -
		DATE 04-25-12	REVISED -

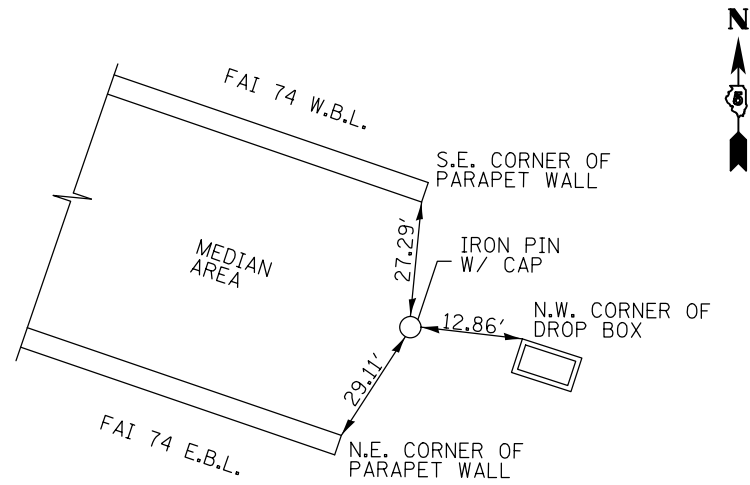
FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED -
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		CHECKED -	REVISED -
		DATE 04-25-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

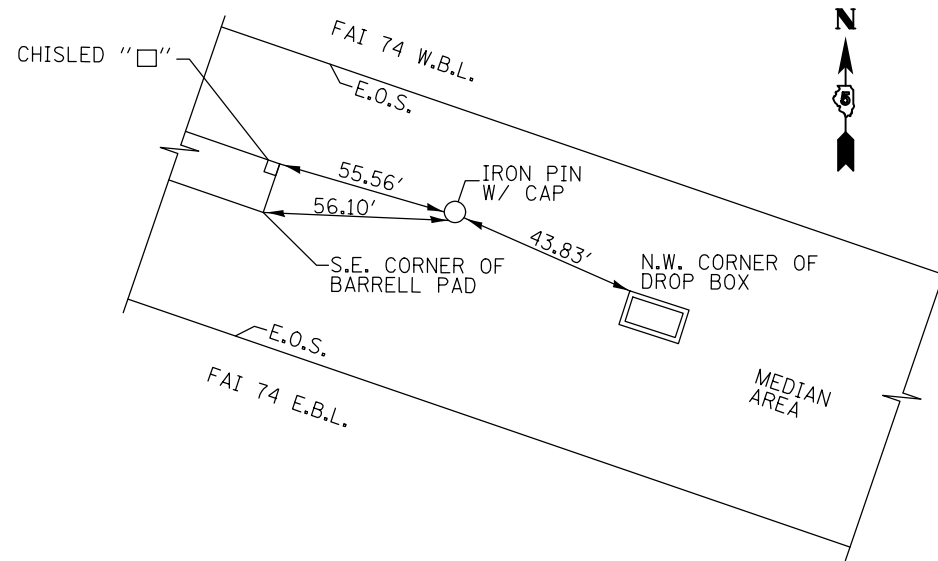
ALIGNMENT CROSS TIES, TRAVERSE STATIONS & BENCHMARKS DATA			
SCALE: N/A	SHEET 2	OF 3 SHEETS	STA. ---- TO STA. ----

F.A.I. RTE. 74	SECTION 10-4BR	COUNTY CHAMPAIGN	TOTAL SHEETS 290	SHEET NO. 29
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

T.S. #473, STA. 1541+93.96, 0.55' LT.



T.S. #472, STA. 1548+84.16, 13.17' LT.



CONTRACT #70700 BENCHMARK TABLE

DESIGNATION	VERTICAL DATUM	CHARACTER OR MARK	DESCRIPTION	ALIGNMENT	STATION	O/S	ELEVATION
4889-2	NAVD 88	TOP OF R.O.W.	LOCATED ON TOP OF R.O.W. MARKER	CH 50	13+10.00	40.0' LT.	722.88
4889-1	NAVD 88	CHISLED SQUARE	LOCATED ON TOP OF S.E. ABUTMENT	CH 50	20+04.70	14.6' RT.	751.56
4889-4	NAVD 88	CHISLED SQUARE	LOCATED ON TOP OF N.E. WINGWALL	CH 50	23+00.00	17.1' RT.	762.92
4881-18	NAVD 88	CHISLED SQUARE	LOCATED ON THE N.E. CORNER OF CONCRETE BARRELL PAD	FAI 74	1548+28.50	7.0' LT.	733.03
4889-3	NAVD 88	SIDEWALK CORNER	LOCATED ON THE NORTHERLY CORNER OF SIDEWALK IN R&S CAMPER SALES LOT	CH 50	28+84.60	116.0' RT.	753.99

CONTRACT #70700 TRAVERSE STATIONS TABLE

T.S.	ALIGNMENT	STATION	O/S	NORTHING	EASTING
498	N/A	N/A	N/A	1283390.0087	967745.2917
499	CH 50	10+01.13	-18.6188	1283810.0000	967972.0150
500	CH 50	13+71.33	-18.6561	1284109.1020	968194.2530
501	CH 50	19+90.20	-18.0811	1284553.4950	968626.4140
502	CH 50	23+24.94	-18.8599	1284733.5720	968914.9300
503	CH 50	28+01.07	-17.0560	1284770.5810	969392.8110
504	CH 50	32+19.03	15.4920	1284793.0710	969808.8970
523	CH 50	33+98.00	14.0700	1284868.5690	969972.0730
505	CH 50	37+23.42	19.7115	1284999.7480	970269.9330
473	FAI 74	1541+93.96	-0.5459	1284940.8680	968242.4090
472	FAI 74	1548-84.16	-13.1798	1284596.2920	968834.6520

NOTE: ALL COORDINATES SHOWN IN THIS TABLE ARE GRID COORDINATES

CH 50 ALIGNMENT DATA

POINT	DESCRIPTION	ALIGNMENT	STATION	NORTHING	EASTING
171	P.O.T.	CH 50	7+61.96	1283600.0933	967855.8856
188	P.I. (MAG SET)	CH 50	12+66.17	1284021.0100	968133.4785
189	P.I. (NOTHING SET)	CH 50	23+04.98	1284766.4060	968858.3641
190	P.I. (I.P. W/CAP)	CH 50	30+83.08	1284746.7323	969674.3313
178	P.O.T.	CH 50	38+00.09	1285049.7591	970331.2958

NOTE: ALL COORDINATES SHOWN IN THIS TABLE ARE GRID COORDINATES

FAI 74 ALIGNMENT DATA

POINT	DESCRIPTION	ALIGNMENT	STATION	NORTHING	EASTING
138	P.O.T.	FAI 74	1395+00.14	1290165.449	954798.6177
-	P.I.	FAI 74	1474+69.62	1288679.959	962628.4314
103	P.O.T.	FAI 74	1500+98.97	1287210.782	964832.9178
136	P.O.T.	FAI 74	1543+39.70	1284859.637	968363.4014
STATION EQUATION: 1543+39.70 (BK) = 1543+43.52 (AH)					
-	P.I.	FAI 74	1551+12.40	1284433.456	969003.3547
137	P.O.T.	FAI 74	1573+24.16	1283807.722	971136.9821

NOTE: ALL COORDINATES SHOWN IN THIS TABLE ARE GRID COORDINATES

EARTHWORK SCHEDULE - STATE

TEMPORARY ACCESS PH. I

STATION TO	STATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EX ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	20400800 FURNISHED EXCAVATION (CU YD)
98+00	99+50	13.2	9.9	826.2	816.3
State Sub-Total =		13.2	9.9	826.2	816.3

TEMPORARY ACCESS PH. II

STATION TO	STATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EX ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	20400800 FURNISHED EXCAVATION (CU YD)
300+00	308+00	816.8	612.6	1679.8	1067.2
State Sub-Total =		816.8	612.6	1679.8	1067.2

CH 50

STATION TO	STATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EX ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	20400800 FURNISHED EXCAVATION (CU YD)
18+75	20+50	1499.0	1124.3	1173.0	48.8
22+25	34+50	15366.5	11524.9	338.7	0.0
State Sub-Total =		16865.5	12649.2	1511.7	48.8

GIRL SCOUT CAMP RD.

STATION TO	STATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EX ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	20400800 FURNISHED EXCAVATION (CU YD)
98+00	99+50	1114.0	835.5	39.5	0.0
State Sub-Total =		1114.0	835.5	39.5	0.0
State Total =		18810.0	14108.0	4058.0	1933.0

EARTHWORK SCHEDULE - VILLAGE OF MAHOMET

CH 50

STATION TO	STATION	20200100 EARTH EXCAVATION (CU YD)	EARTH EX ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	20400800 FURNISHED EXCAVATION (CU YD)
LT 13+75	LT 18+75	239.8	179.9	2030.0	1850.2

Village of mahomet Total = 240.0 180.0 2030.0 1851.0

PROJECT TOTAL = 19050.0 14288.0 6088.0 3784.0

NOTE: FURNISHED EXCAVATION REQUIRED = EMBANKMENT - [EARTH EXCAVATION × ADJUSTMENT FACTOR (0.75)]

NOTE: SEE CROSS-SECTIONS FOR CUT AND FILL AREAS

NOTE: FURNISHED EXCAVATION QUANTITY REQUIRED FOR SHOULDER WIDENING AT TYPE 1 (SPECIAL) GUARDRAIL TERMINALS SHALL COME FROM THE CONTRACT'S EXCESS EARTHWORK EXCAVATION QUANTITIES.

30200650 PROCESSING MODIFIED SOILS, 12"

STATION TO	STATION	WIDTH	LENGTH	SQ. YD.	30201500 LIME TON
18+00.00	18+40.00	27.58	40.00	122.6	2.8
18+40.00	19+48.38	30.58	108.38	368.3	8.3
19+48.38	19+78.38	32.58	30.00	108.6	2.4
23+05.98	23+35.98	32.58	30.00	108.6	2.4
23+35.98	26+00.00	30.58	264.02	897.1	20.2
26+00.00	31+68.90	28.58	568.90	1806.6	40.6
31+68.90	34+50.00	28.00	281.10	874.5	19.7

PROJECT TOTAL = 4286.2 96.4
USE = 4287.0 97.0

NOTE: WIDTHS VARY DUE TO TAPERS.

35100100 AGGREGATE BASE COURSE, TYPE A - VILLAGE OF MAHOMET

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	DEPTH (IN.)	CU. YD.	TONS
13+75	18+75	500.0	5.0	4.0	30.9	55.6
Village of Mahomet Sub-Total =						56.0

35100100 AGGREGATE BASE COURSE, TYPE A - STATE

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	DEPTH (IN.)	CU. YD.	TONS
18+00.00	18+40.00	40.0	25.39	4.0	12.5	22.6
18+40.00	18+75.00	35.0	27.22	4.0	11.8	21.2
18+75.00	19+03.49	28.5	33.38	4.0	11.7	21.1
19+03.49	19+48.38	44.9	33.98	4.0	18.8	33.9
19+48.38	19+78.38	30.0	33.58	4.0	12.4	22.4
23+05.98	23+35.98	30.0	33.58	4.0	12.4	22.4
23+35.98	24+23.00	87.0	34.57	4.0	37.1	66.9
24+23.00	25+17.00	94.0	34.27	4.0	39.8	71.6
25+17.00	25+39.00	22.0	33.11	4.0	9.0	16.2
25+39.00	26+00.00	61.0	32.12	4.0	24.2	43.5
26+00.00	31+68.90	568.9	31.58	4.0	221.8	399.2
LT. 29+11.29	LT. 29+54.00	42.7	VAR.	* 4.0	6.1	11.0
LT. 32+42.00	LT. 32+75.00	33.0	15	** 4.0	6.1	11.0
31+68.90	34+50.00	281.1	35.75	4.0	124.1	223.3
State Sub-Total =						987.0

*** **

NOTE: WIDTHS VARY DUE TO TAPERS.

NOTE: SEE TEMP. ACCESS ROADWAY SCHEDULES FOR ADDITIONAL AGG. BASE COURSE, TYPE A QTY.

- * MAILBOX TURNOUT AREA
- ** PARK MAINTENANCE ROAD ACCESS
- ** SEE TEMP. ACCESS ROAD ITEMS COMP. SHEET FOR ADDITIONAL QTY. (STATE)

ADDITIONAL SCHEDULE NOTES:

1. SEE G.N. Z0038 FOR INFORMATION CONCERNING PERMANENT BENCH MARKS.
2. SEE SCHEDULES OF TEMPORARY ACCESS ROADWAYS 48
3. SEE SCHEDULES OF EROSION CONTROL SHEET 58
4. SEE SCHEDULES OF DRAINAGE SHEET(S) 63-64
5. SEE SCHEDULES OF REMOVAL SHEET(S) 70-72
6. SEE GUARDRAIL DETAILS SHEET 78-81

40200100 AGGREGATE SURFACE COURSE, TYPE A

GIRL SCOUT CAMP RD.

STATION TO STATION	LENGTH	WIDTH	DEPTH	TONS
98+25 99+57	132.0	20.0	0.5	88.0
MAILBOX TURNOUT	33.0	VAR.	0.5	1.4

PROJECT TOTAL = 89.4
USE = 90.0

NOTE: MAILBOX TURNOUT AREA = 4.6 SQ. YD.

42000301 PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
18+00.00	18+40.00	40.0	23.0	102.2
18+40.00	18+48.38	8.4	24.0	22.3
24+35.98	34+10.00	974.0	24.0	2597.4
LT. 29+11.29	LT. 29+54.00	42.7	VAR.	* 55.0
LT. 32+42.00	LT. 32+75.00	33.0	15.0	** 55.0
34+10.00	34+50.00	40.0	23.0	102.2

PROJECT TOTAL = 2934.2
USE = 2935.0

* MAILBOX TURNOUT AREA OBTAINED FROM CADD
** 8" PCCP TRAIL SECTION HERE FOR PARK MAINTENANCE ACCESS

42400200 PORTLAND CEMENT CONCRETE SIDEWALK, 5" - VILLAGE OF MAHOMET

(MULTI-USE TRAIL)

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. FT.)
13+75.00	18+75.00	500.0	10.0	5000.0

Village of Mahomet Total = 5000.0

42400200 PORTLAND CEMENT CONCRETE SIDEWALK, 5" - STATE

(MULTI-USE TRAIL)

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. FT.)
18+75.00	19+48.38	73.4	10.0	733.8
23+35.98	34+50.00	1114.0	10.0	11140.2

State Total = 11874.0

PROJECT TOTAL = 16874.0

42001420 BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
18+48.38	19+48.38	100.0	46.0	511.1
23+35.98	24+35.98	100.0	46.0	511.1

PROJECT TOTAL = 1022.2
USE = 1023.0

48300300 PORTLAND CEMENT SHOULDER, 8" - VILLAGE OF MAHOMET

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
LT. 13+75.00	18+75.00	500.0	5.00	277.8
Village of Mahomet Total =				278.0

42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"

STATION	AREA (SQ. YD.)
LT. 28+90	74.6

PROJECT TOTAL = 74.6
USE = 75.0

NOTE: AREA OBTAINED FROM CADD

48300300 PORTLAND CEMENT SHOULDER, 8" - STATE

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
LT. 18+75.00	19+03.49	28.5	5.00	15.8
LT. 19+03.49	19+48.38	44.9	4.29	* 21.4
LT. 23+35.98	24+22.78	86.8	4.67	* 45.0
LT. 24+22.78	25+16.63	93.8	5.75	60.0
LT. 25+16.63	25+39.13	22.5	5.38	* 13.5
LT. 25+39.13	34+50.00	910.9	5.00	506.0

State Sub-Total = 662.0

48300300 PORTLAND CEMENT SHOULDER, 8" - STATE

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
RT. 18+40.00	19+48.38	108.4	2.00	* 24.1
RT. 23+35.98	26+00.24	264.3	2.00	* 58.7
RT. 31+63.13	34+50.00	286.9	6.75	215.2

State Sub-Total = 298.0

State Total = 960.0

PROJECT TOTAL = 1238.0

* AVERAGE WIDTH THROUGHOUT SHOULDER TAPER AREA

42400800 DETECTABLE WARNINGS

(MULTI-USE TRAIL)

STATION	AREA (SQ. FT.)
27+19.23	28.5
27+70.06	28.4

PROJECT TOTAL = 56.9
USE = 57.0

* AREAS OBTAINED FROM CADD

ADDITIONAL SCHEDULE NOTES:

- SEE G.N. Z0038 FOR INFORMATION CONCERNING PERMANENT BENCH MARKS.
- SEE SCHEDULES OF TEMPORARY ACCESS ROADWAYS 48
- SEE SCHEDULES OF EROSION CONTROL SHEET 58
- SEE SCHEDULES OF DRAINAGE SHEET(S) 63-64
- SEE SCHEDULES OF REMOVAL SHEET(S) 70-72
- SEE GUARDRAIL DETAILS SHEET 78-81

50901720 BICYCLE RAILING - VILLAGE OF MAHOMET

STATION TO	STATION	LENGTH
LT. 13+75.00	18+75.00	500.0
Village of Mahomet Total =		500.0

50901720 BICYCLE RAILING - STATE

STATION TO	STATION	LENGTH
LT. 18+75.00	19+48.38	73.4
LT. 23+35.98	27+00.00	364.0
LT. 32+75.00	34+50.00	175.0
State Total =		612.4

PROJECT TOTAL =	1112.4
USE =	1113.0

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 - VILLAGE OF MAHOMET

STATION TO	STATION	LENGTH
LT. 14+75.00	18+75.00	400.0
Village of Mahomet Sub-Total =		400.0

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 - STATE

STATION TO	STATION	LENGTH
LT. 18+75.00	19+48.38	73.4
RT. 18+00.00	19+48.38	148.4
LT. 23+35.98	26+62.83	326.9
RT. 23+35.98	30+97.90	761.9
LT. 29+11.28	32+42.15	330.9
State Sub-Total =		1642.0
PROJECT TOTAL =		2042.0

66500105 WOVEN WIRE FENCE

STATION	O/S	TO	STATION	O/S	LENGTH (FT.)
18+94.96	80.8 LT.	19+48.38	36.4 LT.		70.0
19+48.38	36.4 LT.	19+48.38	26.4 LT.		10.0
19+48.38	19.6 RT.	19+48.38	29.6 RT.		10.0
19+48.38	29.6 RT.	20+05.00	51.2 RT.		59.0
22+69.00	59.0 LT.	23+35.98	36.4 LT.		75.0
23+35.98	36.4 LT.	23+35.98	26.4 LT.		10.0
23+35.98	19.6 RT.	23+35.98	29.6 RT.		10.0
23+35.98	29.6 RT.	23+97.50	95.6 RT.		87.0
PROJECT TOTAL =					331.0

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4" - VILLAGE OF MAHOMET

STATION TO	STATION	LENGTH (FT.)	WHITE EDGELINE (FT.)
13+75	18+00	425.0	850.0
Village of Mahomet Sub-Total =			850.0

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4" - STATE

STATION TO	STATION	LENGTH (FT.)	WHITE EDGELINE (FT.)
18+00	34+50	1650.0	3300.0

STATION TO	STATION	LENGTH (FT.)	DBL YELLOW CENTER LINE SOLID (FT.)
18+00	34+50	1650.0	3300.0
State Sub-Total =			6600.0

PROJECT TOTAL =	7450.0
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XZ193300 SURVEY MARKER TYPE 1 (SPECIAL)

STATION	DESCRIPTION	EACH
14+23.05	PT	1.0
19+71.60	PC	1.0
26+00.26	PT	1.0
28+97.07	PC	1.0
32+62.61	PT	1.0

PROJECT TOTAL =	5.0
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Z0038700 PERMANENT BENCH MARKS

LOCATION	EACH
BRIDGE WALL	1.0

PROJECT TOTAL =	1.0
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NOTE: ACTUAL LOCATION TO BE SELECTED BY RESIDENT ENGINEER.

X0327301 RELOCATE EXISTING MAILBOX

GIRL SCOUT CAMP RD.

STATION	O/S	EACH
99+25.00	13.0 LT.	1.0
99+27.00	13.0 LT.	1.0
99+29.00	13.0 LT.	1.0
99+31.00	13.0 LT.	1.0

Sub-Total =	4.0
-------------	-----

CH 50

STATION	O/S	EACH
RT. 31+66.00	21.8 RT.	1.0
RT. 31+68.00	21.8 RT.	1.0

Sub-Total =	2.0
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PROJECT TOTAL =	6.0
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72000100 SIGN PANEL TYPE 1

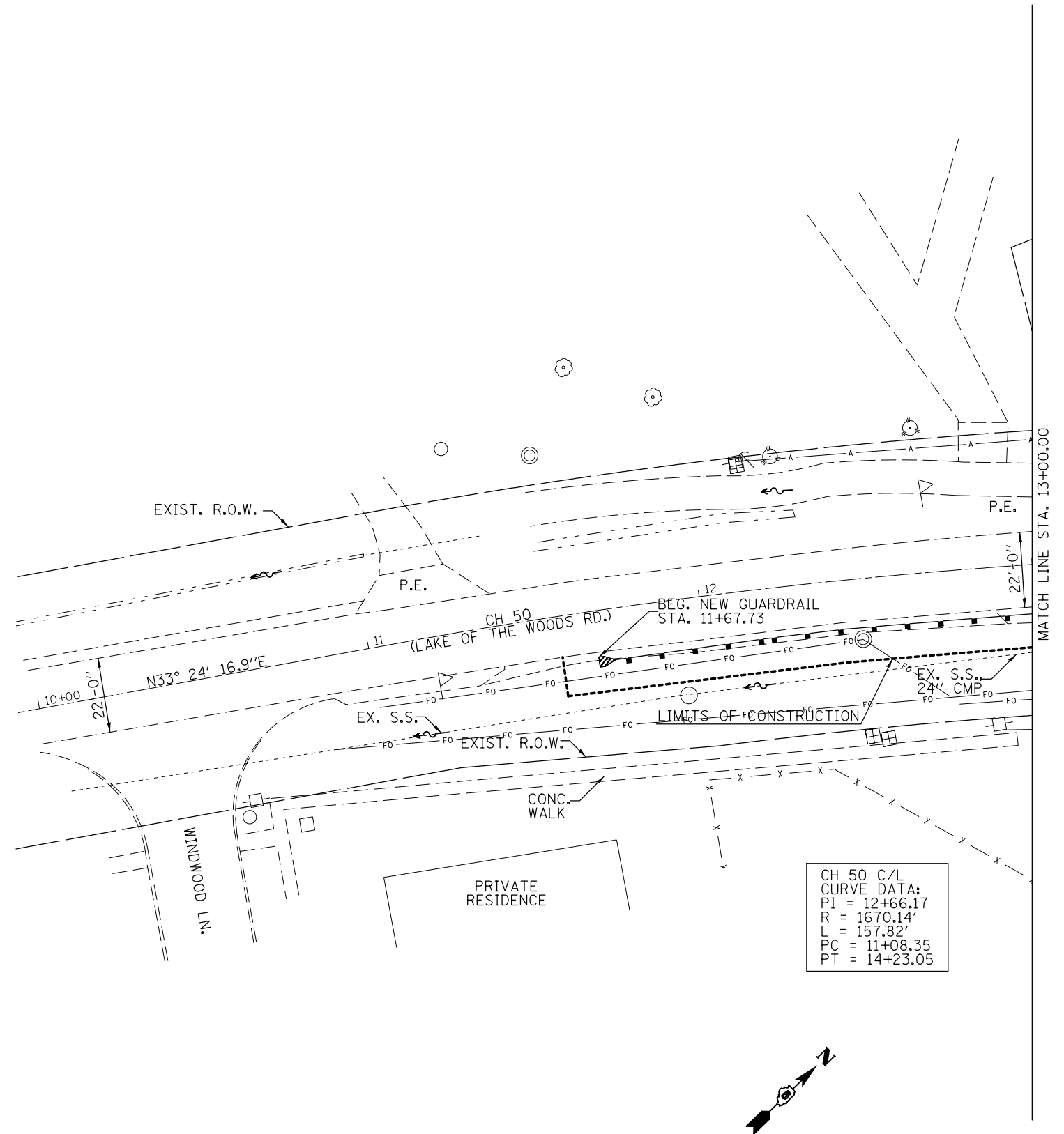
STATION	TYPE	O/S	SQ. FT.
23+40.00	W7-5 & W7-3P	29.5 LT.	5.25

PROJECT TOTAL =	5.25
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ADDITIONAL SCHEDULE NOTES:

- SEE G.N. Z0038 FOR INFORMATION CONCERNING PERMANENT BENCH MARKS.
- SEE SCHEDULES OF TEMPORARY ACCESS ROADWAYS 48
- SEE SCHEDULES OF EROSION CONTROL SHEET 58
- SEE SCHEDULES OF DRAINAGE SHEET(S) 63-64
- SEE SCHEDULES OF REMOVAL SHEET(S) 70-72
- SEE GUARDRAIL DETAILS SHEET 78-81

SEC14, T.20N, R.7E. OF 3RD P.M.



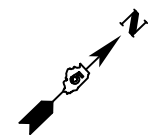
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	PLOT DATE = 11/9/2012	DATE 04-25-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
CH 50 - LAKE OF THE WOODS RD.**

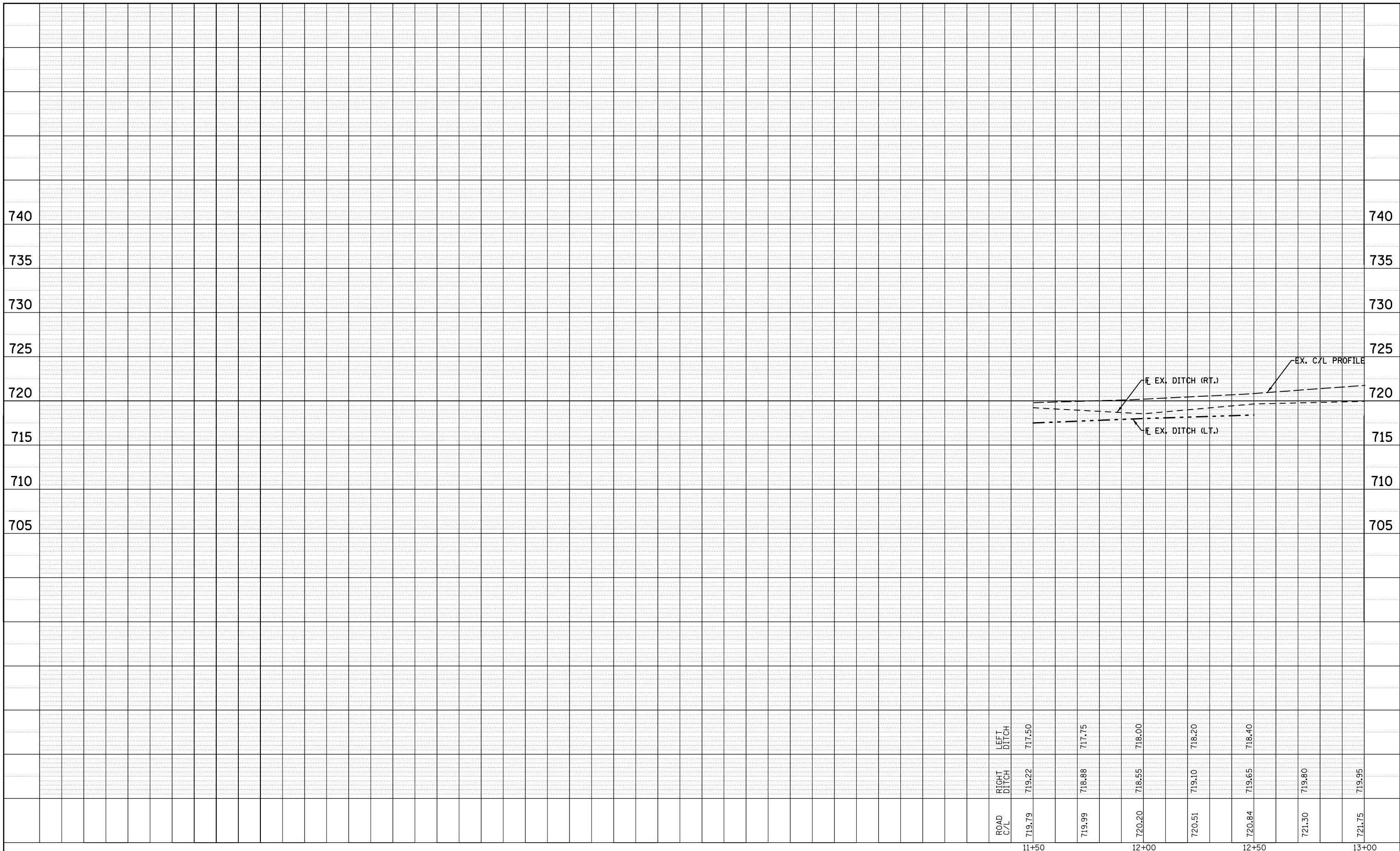
SCALE: SHEET 1 OF 10 SHEETS STA. 10+00.00 TO STA. 13+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	34
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				



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

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



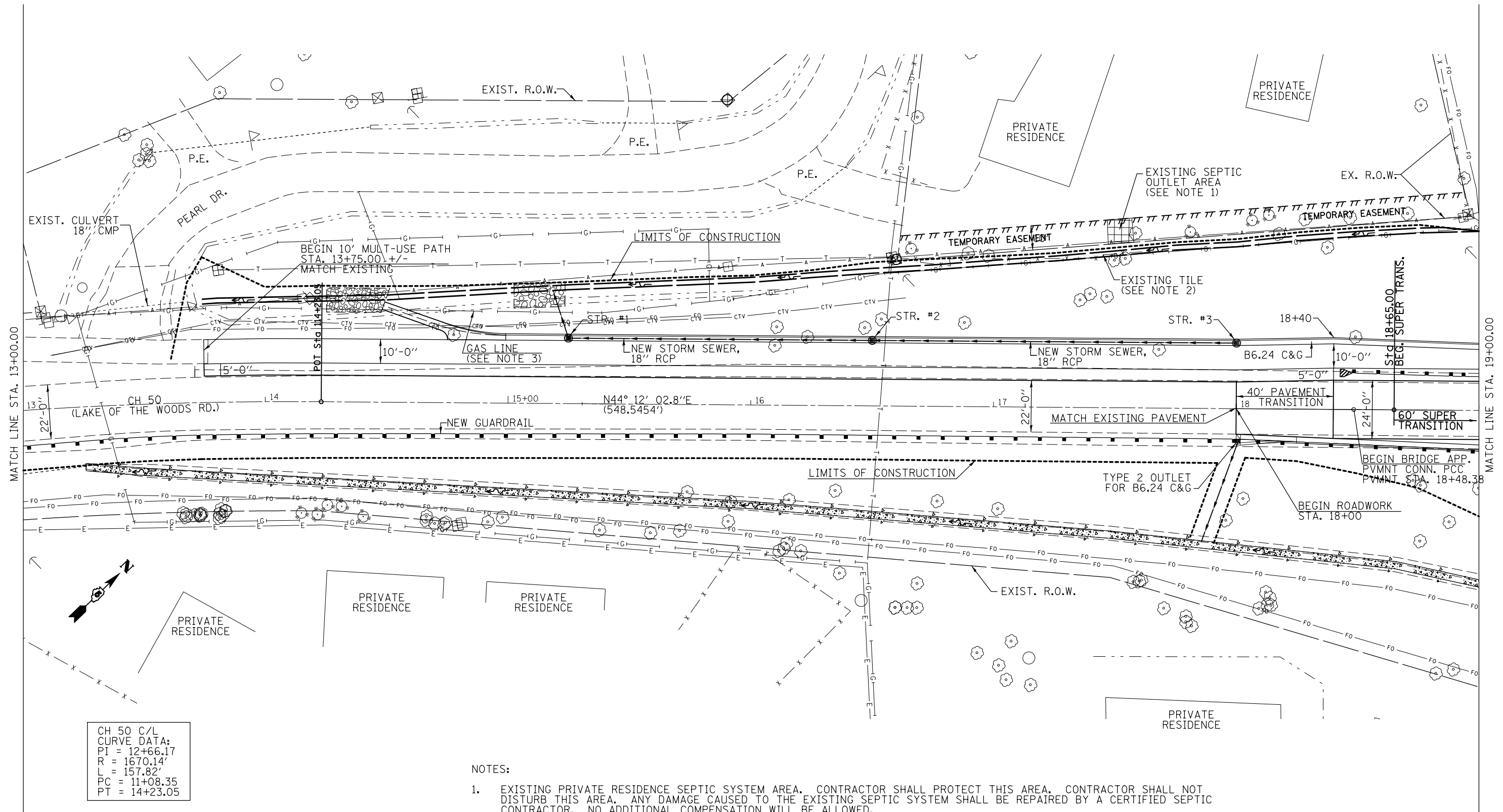
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c:\pwork\pwork\ceorlockbm\d0208368\0570700-sh1-plnprfRevised Profile.dgn		DRAWN BMC	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 04-25-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROFILE SHEET			
CH 50 - LAKE OF THE WOODS RD.			
SCALE:	SHEET 2	OF 10 SHEETS	STA. 11+50.00 TO STA. 13+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	35
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

SEC14, T.20N, R.7E. OF 3RD P.M.



CH 50 C/L
 CURVE DATA:
 PI = 12+66.17
 R = 1670.14'
 L = 157.82'
 PC = 11+08.35
 PT = 14+23.05

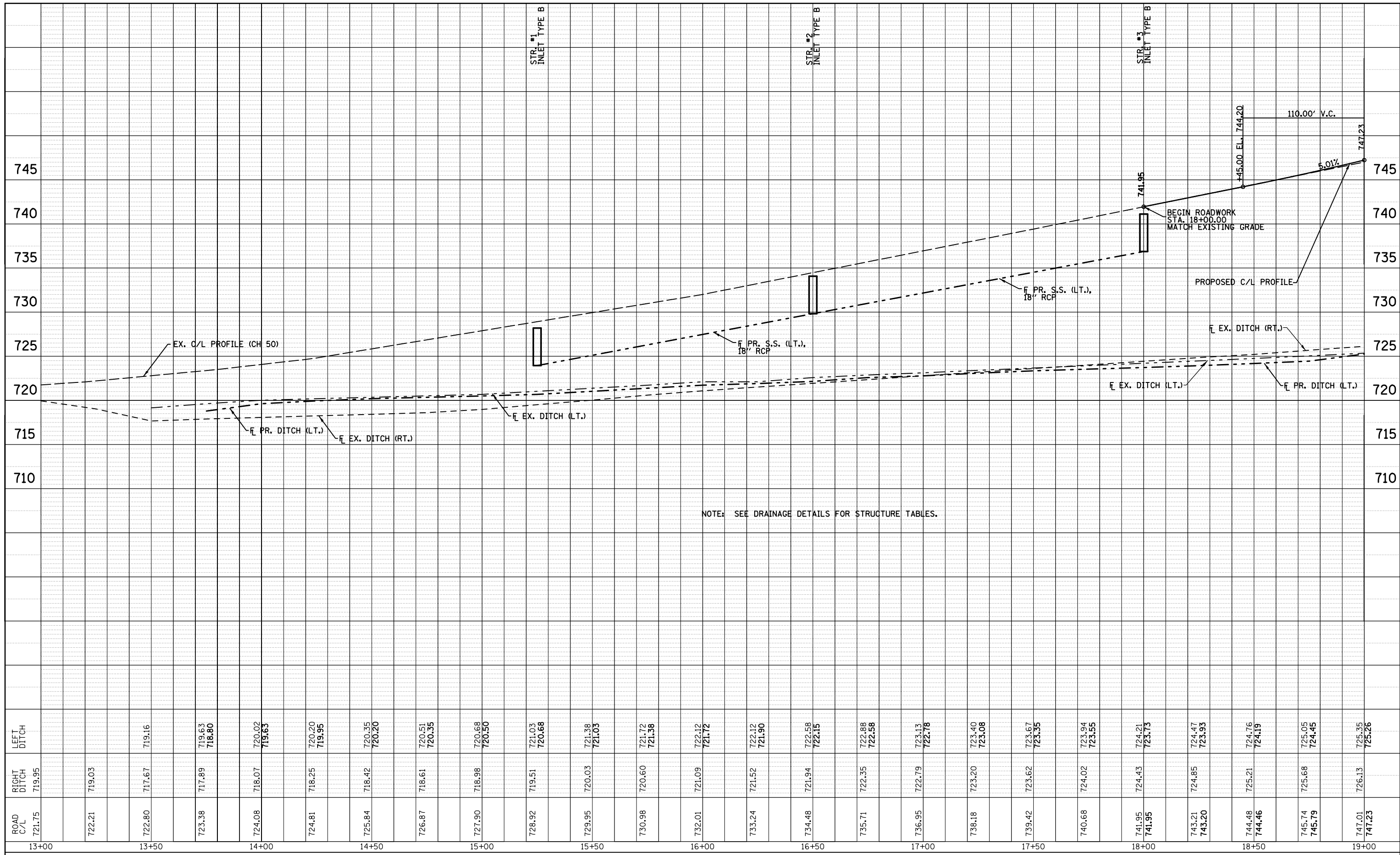
NOTES:

- EXISTING PRIVATE RESIDENCE SEPTIC SYSTEM AREA. CONTRACTOR SHALL PROTECT THIS AREA. CONTRACTOR SHALL NOT DISTURB THIS AREA. ANY DAMAGE CAUSED TO THE EXISTING SEPTIC SYSTEM SHALL BE REPAIRED BY A CERTIFIED SEPTIC CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- EXISTING PERFORATED PVC PIPE LOCATED WITHIN EXISTING R.O.W. SHALL BE CUT OFF FLUSH AT EXISTING R.O.W. AFTER GRADING IN THIS AREA IS COMPLETED. THE COST OF THIS WORK SHALL BE INCLUDED IN EARTH EXCAVATION.
- EXISTING GAS MAIN ABANDONED IN PLACE FROM STA. 13+00 +/- TO STA. 15+80 +/-.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET CH 50 - LAKE OF THE WOODS RD.	F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceorlockbm\d0208368\0570700-sht-plnprfRevised Profile.dgn	DRAWN BMC	REVISED -	74			10-4BR	CHAMPAIGN	290	36	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70700							
PLOT DATE = 11/9/2012	DATE 04-25-12	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET 3 OF 10 SHEETS	STA. 13+00.00 TO STA. 19+00.00				

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

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



ROAD C/L	RIGHT DITCH	LEFT DITCH
721.75	719.95	
722.21	719.03	
722.80	717.67	719.16
723.38	717.89	719.63 718.80
724.08	718.07	720.02 719.63
724.81	718.25	720.20 719.95
725.84	718.42	720.35 720.20
726.87	718.61	720.51 720.35
727.90	718.98	720.68 720.50
728.92	719.51	721.03 720.88
729.95	720.03	721.38 721.03
730.98	720.60	721.72 721.38
732.01	721.09	722.12 721.72
733.24	721.52	722.42 721.90
734.48	721.94	722.68 722.15
735.71	722.35	722.88 722.58
736.95	722.79	723.13 722.78
738.18	723.20	723.40 723.08
739.42	723.62	723.67 723.35
740.68	724.02	723.94 723.55
741.95	724.43	724.21 723.73
743.21	724.85	724.47 723.93
744.48	725.21	724.76 724.19
745.74	725.68	725.05 724.45
747.01	726.13	725.35 725.26

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
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PLOT DATE = 11/9/2012		DATE 04-25-12	REVISED -

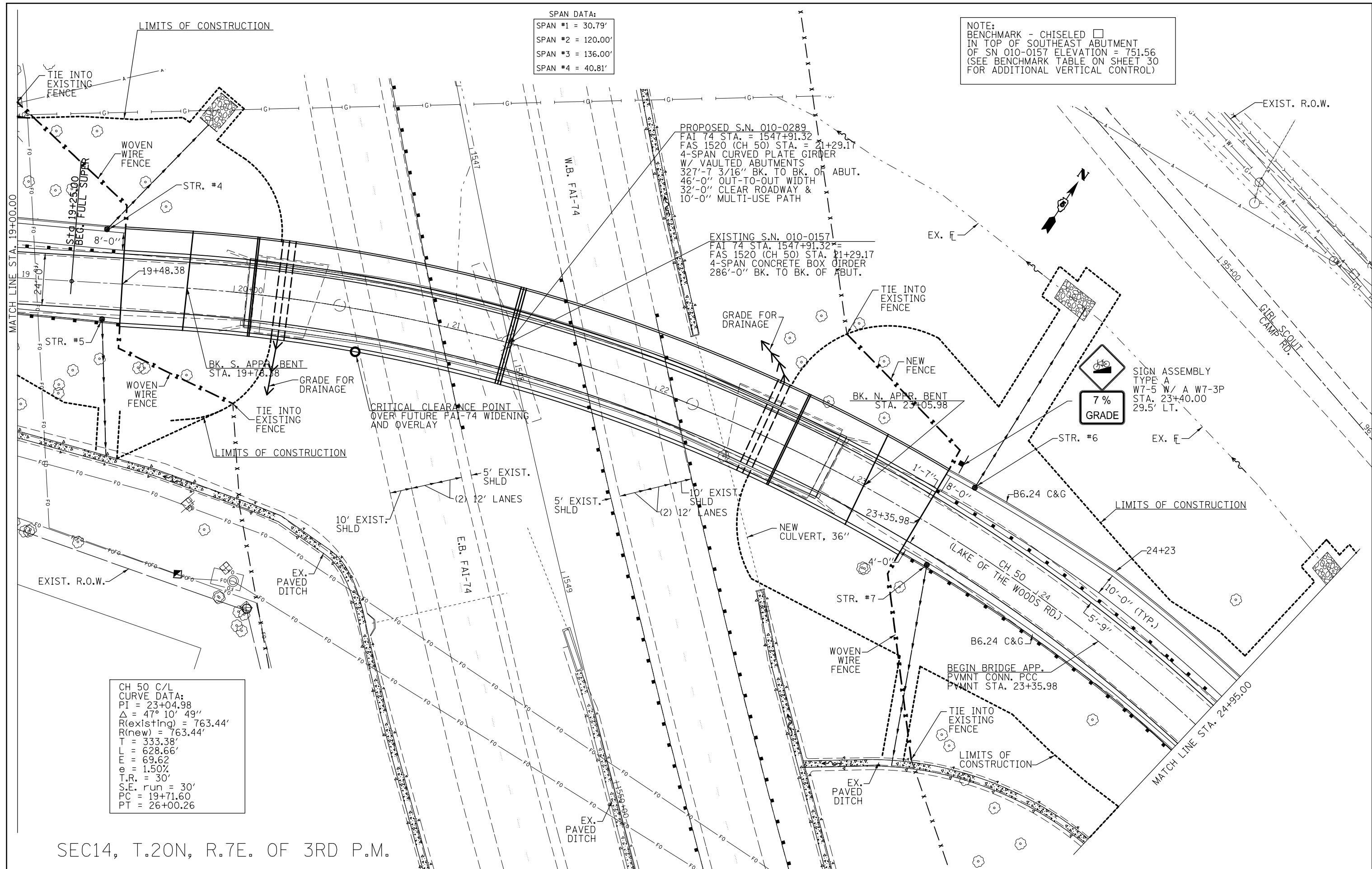
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROFILE SHEET			
CH 50 - LAKE OF THE WOODS RD.			
SCALE:	SHEET 4	OF 10 SHEETS	STA. 13+00.00 TO STA. 19+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	37
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

SPAN DATA:
 SPAN #1 = 30.79'
 SPAN #2 = 120.00'
 SPAN #3 = 136.00'
 SPAN #4 = 40.81'

NOTE:
 BENCHMARK - CHISELED \square
 IN TOP OF SOUTHEAST ABUTMENT
 OF SN 010-0157 ELEVATION = 751.56
 (SEE BENCHMARK TABLE ON SHEET 30
 FOR ADDITIONAL VERTICAL CONTROL)



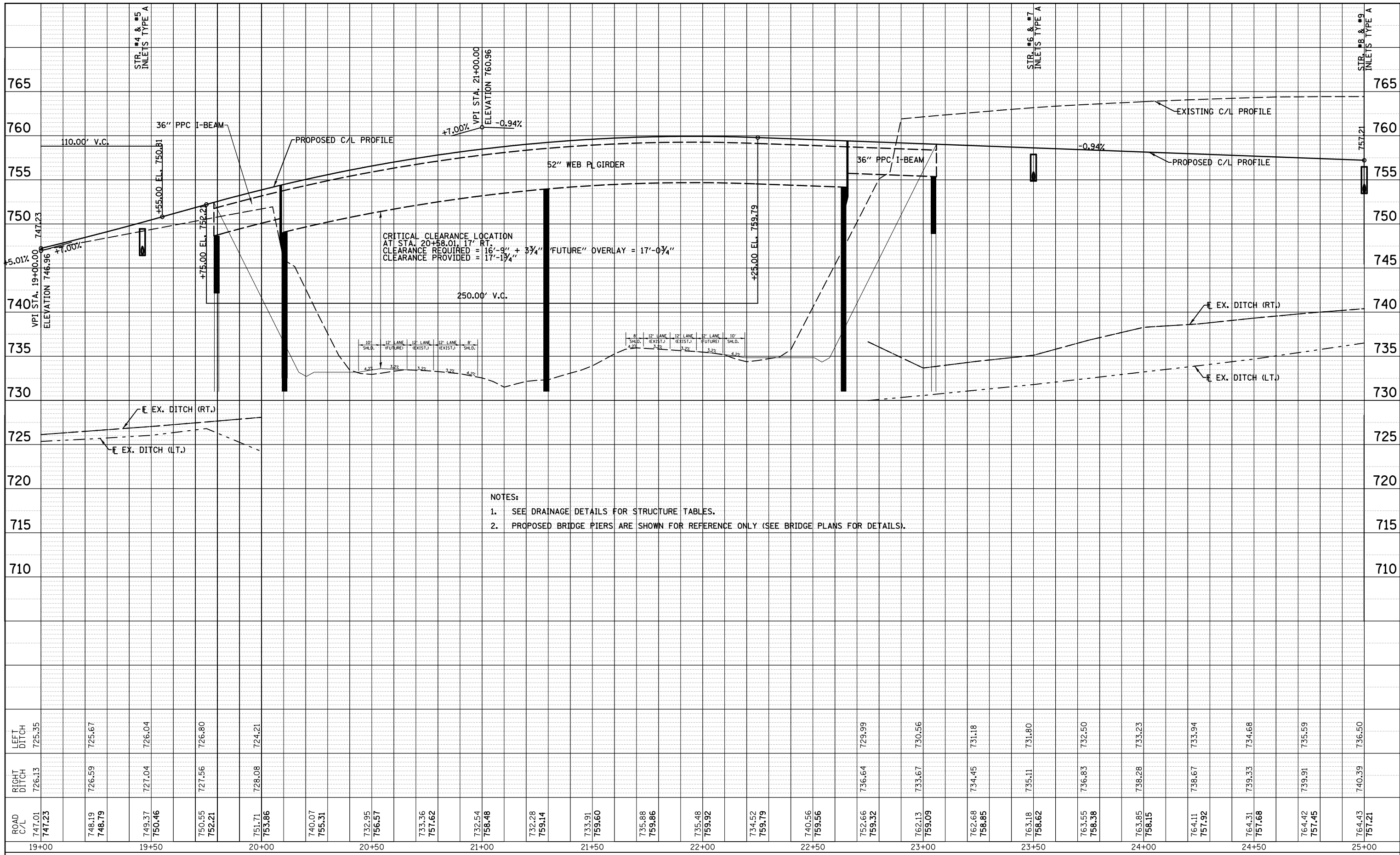
CH 50 C/L
 CURVE DATA:
 PI = 23+04.98
 $\Delta = 47^\circ 10' 49''$
 R(existing) = 763.44'
 R(new) = 763.44'
 T = 333.38'
 L = 628.66'
 E = 69.62'
 $e = 1.50\%$
 T.R. = 30'
 S.E. run = 30'
 PC = 19+71.60
 PT = 26+00.26

SEC14, T.20N, R.7E. OF 3RD P.M.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET CH 50 - LAKE OF THE WOODS RD.	F.A.I. RT. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pw\work\p\dtdot\ceorlockbm\d0208368\0570700-sht-plnprf\Revised Profile.dgn	DRAWN BMC	REVISED -	74			10-4BR	CHAMPAIGN	290	38	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70700							
PLOT DATE = 11/9/2012	DATE 04-25-12	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: STA. 19+00.00 TO STA. 25+00.00						SHEET 5 OF 10 SHEETS				

PLAN SURVEYED PLOTTED
 ALIGNMENT CHECKED
 NOTE BOOK NO. _____
 DATE _____

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



NOTES:
 1. SEE DRAINAGE DETAILS FOR STRUCTURE TABLES.
 2. PROPOSED BRIDGE PIERS ARE SHOWN FOR REFERENCE ONLY (SEE BRIDGE PLANS FOR DETAILS).

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
c:\pwork\pwork\ceorlockbm\0208368\050700-sht-plnprfRevised Profile.dgn		DRAWN BMC	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 04-25-12	REVISED -

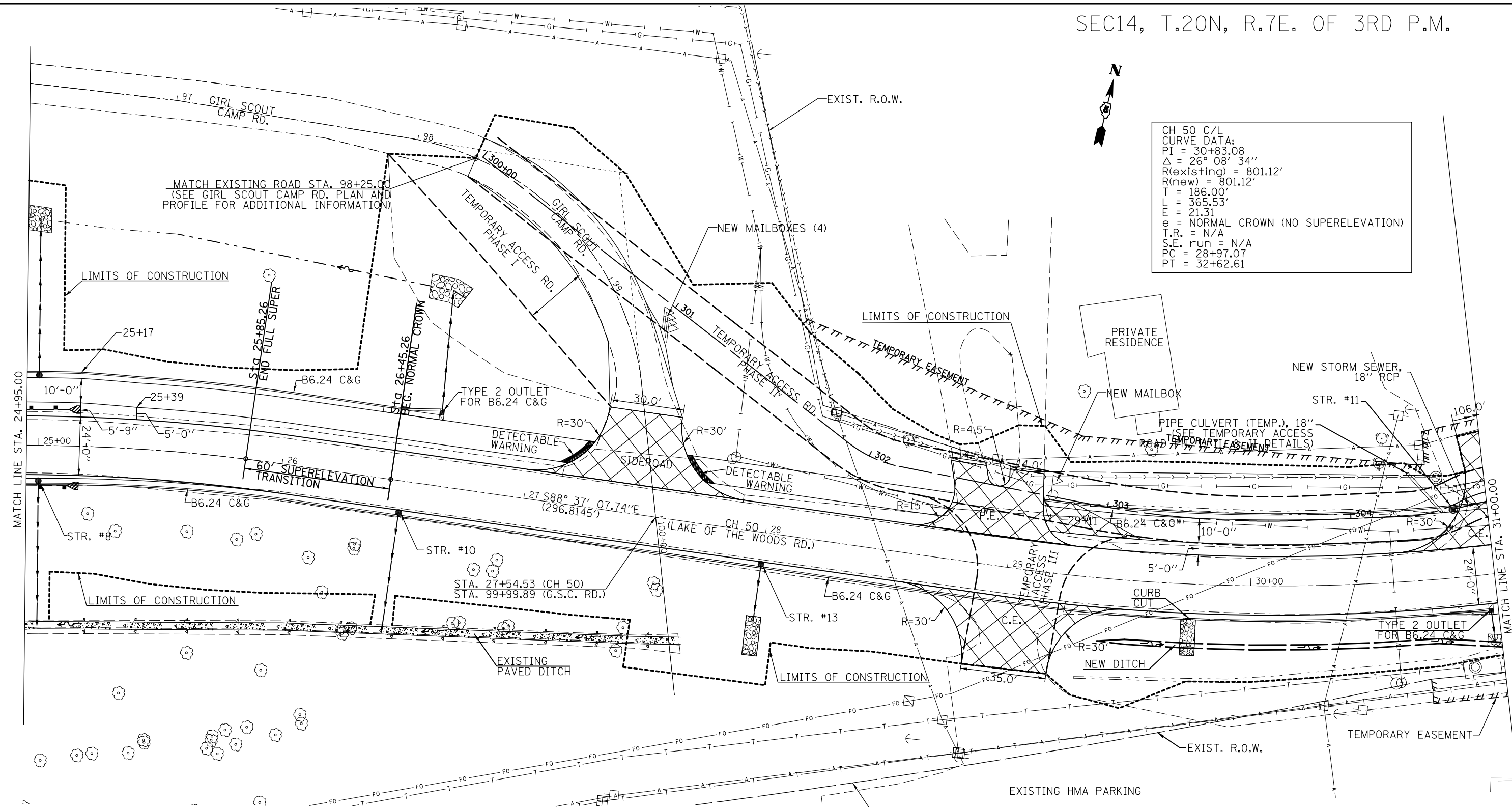
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROFILE SHEET
 CH 50 - LAKE OF THE WOODS RD.
 SCALE: SHEET 6 OF 10 SHEETS STA. 19+00.00 TO STA. 25+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	39
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				



CH 50 C/L
 CURVE DATA:
 PI = 30+83.08
 $\Delta = 26^\circ 08' 34''$
 R(existing) = 801.12'
 R(new) = 801.12'
 T = 186.00'
 L = 365.53'
 E = 21.31
 e = NORMAL CROWN (NO SUPERELEVATION)
 T.R. = N/A
 S.E. run = N/A
 PC = 28+97.07
 PT = 32+62.61



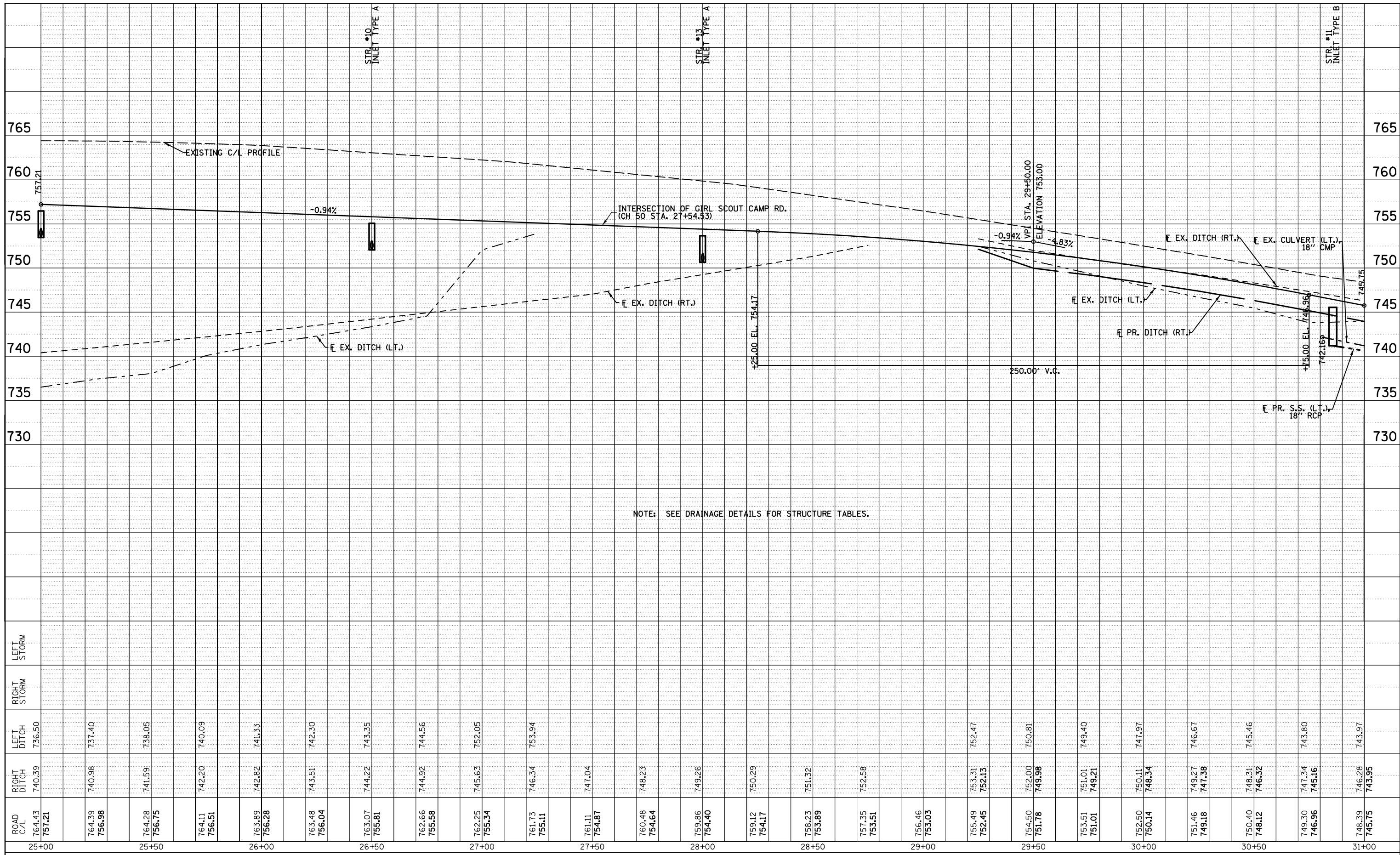
ENTRANCE OR SIDEROAD	RAD. LENGTH	RAD. PT. STATION	RAD. PT. O/S
SIDEROAD -G. S. C. RD.	30.0'	26+99.64	42.0' LT.
SIDEROAD -G. S. C. RD.	30.0'	27+89.64	42.0' LT.
PRIVATE ENTRANCE	15.0'	28+59.33	27.0' LT.
PRIVATE ENTRANCE	4.5'	28+91.37	37.0' LT.
PRIVATE ENTRANCE	15.0'	29+27.14	27.0' LT.
COMMERCIAL ENTRANCE (RV SOUTH)	30.0'	28+56.79	42.0' RT.
COMMERCIAL ENTRANCE (RV SOUTH)	30.0'	29+49.09	42.0' RT.
COMMERCIAL ENTRANCE (UNCLE BUCKS)	30.0'	30+60.66	42.0' LT.

CH 50 C/L
 CURVE DATA:
 PI = 23+04.98
 $\Delta = 47^\circ 10' 49''$
 R(existing) = 763.44'
 R(new) = 763.44'
 T = 333.38'
 L = 628.66'
 E = 69.62
 e = 1.50%
 T.R. = 30'
 S.E. run = 30'
 PC = 19+71.60
 PT = 26+00.26

= PCC DRIVEWAY PAVEMENT (THICKNESS VARIES, SEE SCHEDULES)

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNED		
	CHECKED		
	FILE NAME		
	NO.		

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



NOTE: SEE DRAINAGE DETAILS FOR STRUCTURE TABLES.

ROAD C/L	RIGHT DITCH	LEFT DITCH	RIGHT STORM	LEFT STORM
764.43 757.21	740.39	736.50		
764.39 756.98	740.98	737.40		
764.28 756.75	741.59	738.05		
764.11 756.51	742.20	740.09		
763.89 756.28	742.82	741.33		
763.48 756.04	743.51	742.30		
763.07 755.81	744.22	743.35		
762.66 755.58	744.92	744.56		
762.25 755.34	745.63	752.05		
761.73 755.11	746.34	753.94		
761.11 754.87	747.04			
760.48 754.64	748.23			
759.86 754.40	749.26			
759.12 754.17	750.29			
758.23 753.89	751.32			
757.35 753.51	752.58			
756.46 753.03				
755.49 752.45	753.31 752.13	752.47		
754.50 751.78	752.00 749.98	750.81		
753.51 751.01	751.01 749.21	749.40		
752.50 750.14	750.11 748.34	747.97		
751.46 749.18	749.27 747.38	746.67		
750.40 748.12	748.31 746.32	745.46		
749.30 746.96	747.34 745.16	743.80		
748.39 745.75	746.28 743.95	743.97		

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 04-25-12	REVISED -

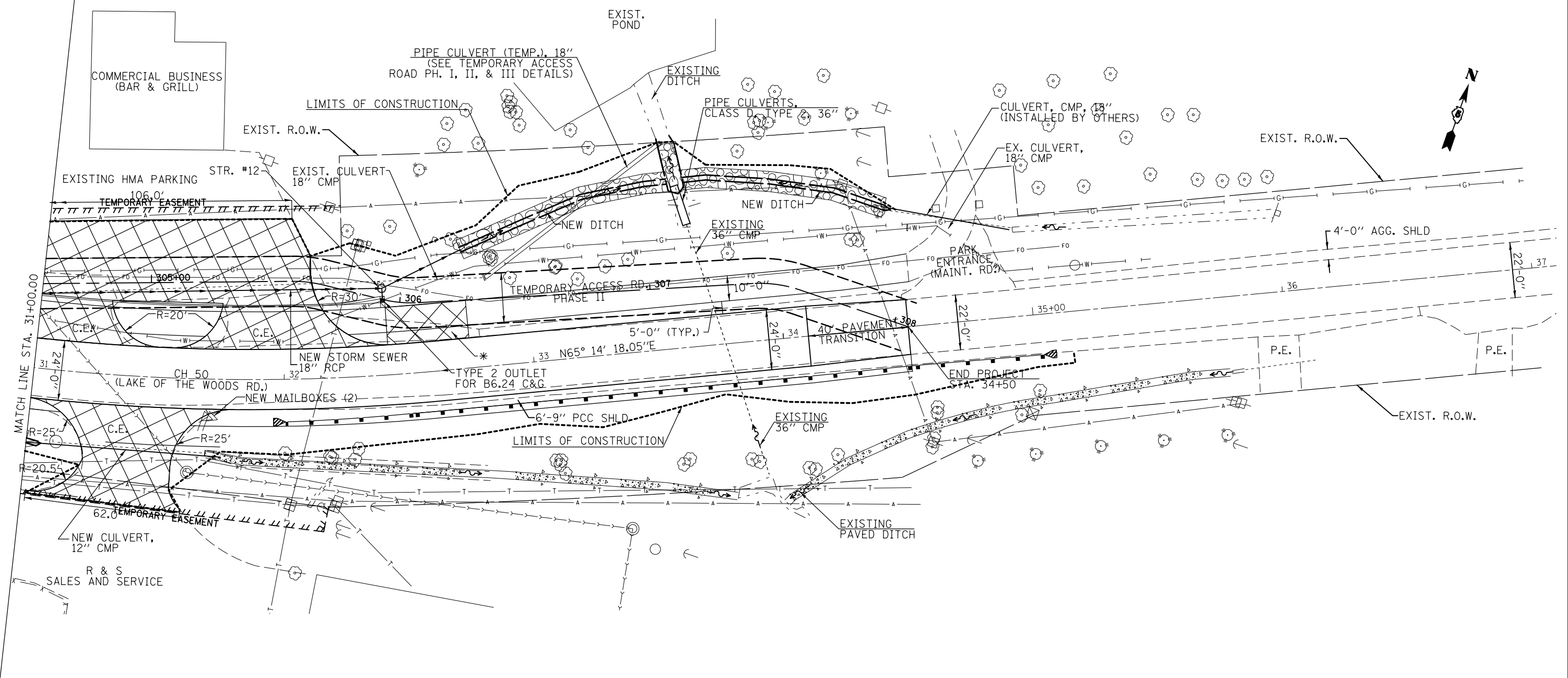
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROFILE SHEET			
CH 50 - LAKE OF THE WOODS RD.			
SCALE:	SHEET 8	OF 10 SHEETS	STA. 25+00.00 TO STA. 31+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	41
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				


SEC14, T.20N, R.7E. OF 3RD P.M.

CH 50 C/L
 CURVE DATA:
 PI = 30+83.08
 R = 801.12'
 L = 365.53'
 PC = 28+97.07
 PT = 32+62.61



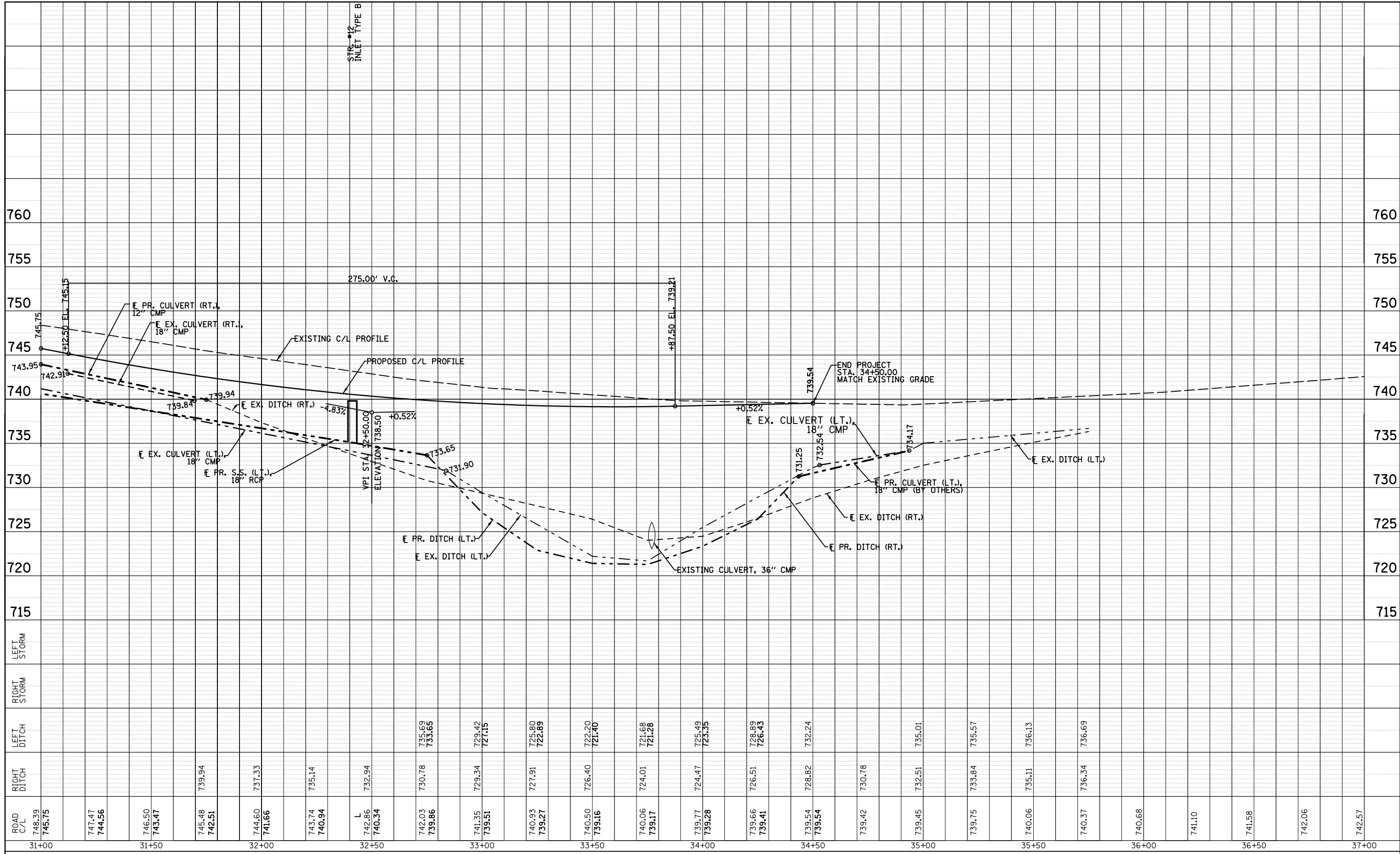
ENTRANCE OR SIDEROAD	RAD. LENGTH	RAD. PT. STATION	RAD. PT. O/S
COMMERCIAL ENTRANCE (RV NORTH)	25.0'	30+98.36	37.0' RT.
COMMERCIAL ENTRANCE (RV NORTH)	20.5'	31+03.12	28.5' RT.
COMMERCIAL ENTRANCE (RV NORTH)	25.0'	31+79.64	37.0' RT.
COMMERCIAL ENTRANCE (UNCLE BUCKS)	30.0'	30+60.66	42.0' LT.
COMMERCIAL ENTRANCE (UNCLE BUCKS)	20.0'	31+49.90	32.0' LT.
COMMERCIAL ENTRANCE (UNCLE BUCKS)	20.0'	31+54.42	32.0' LT.
COMMERCIAL ENTRANCE (UNCLE BUCKS)	30.0'	32.43.55	42.0' LT.

* USE PRIVATE ENTRANCE CONCRETE SECTION IN THIS AREA FOR PARK MAINTENANCE ROAD ACCESS (SEE DISTRICT 5 DETAIL 42300AAA FOR REQUIRED PCCP THICKNESS).

 = PCC DRIVEWAY PAVEMENT (THICKNESS VARIES SEE SCHEDULES)

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. _____		
	CARD FILE NAME		

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



ROAD C/L	RIGHT DITCH	LEFT DITCH	RIGHT STORM	LEFT STORM	715	720	725	730	735	740	745	750	755	760
748.39 745.75														
747.47 744.56														
746.50 743.47														
745.48 742.51	739.94													
744.60 741.66	737.33													
743.74 740.94	735.14													
L 742.86 740.34	732.94													
742.03 739.86	730.78	735.69 733.65												
741.35 739.51	729.34	729.42 727.15												
740.93 739.27	727.91	725.80 722.89												
740.50 739.16	726.40	722.20 721.40												
740.06 739.17	724.01	721.68 721.28												
739.77 739.28	724.47	725.49 723.35												
739.66 739.41	726.51	728.89 726.43												
739.54 739.54	728.82	732.24												
739.42	730.78													
739.45	732.51	735.01												
739.75	733.84	735.57												
740.06	735.11	736.13												
740.37	736.34	736.69												
740.68														
741.10														
741.58														
742.06														
742.57														

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 04-25-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROFILE SHEET			
CH 50 - LAKE OF THE WOODS RD.			
SCALE:	SHEET 10	OF 10 SHEETS	STA. 31+00.00 TO STA. 37+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	43
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

POINT #	DESCRIPTION	G. S. STA.	G. S. O/S	CH 50 STA.	CH 50 O/S
1	G. S. ALIGNMENT PI LOCATION	97+00.00	0.00'	25+46.39	-143.4391'
2	G. S. ALIGNMENT CURVE #1 PC LOCATION	97+95.83	0.00'	26+32.13	-139.3393'
3	BEG. ROAD WORK - G. S. RD.	98+25.00	0.00'	26+60.91	-135.1003'
4	G. S. ALIGNMENT CURVE #1 PI LOCATION	98+83.58	-	27+19.87	-137.6516'
5	G. S. ALIGNMENT CURVE #1 PT LOCATION	99+45.69	0.00'	27+41.30	-52.5564'
6	INTERSECTION OF G. S. AND CH 50 ALIGNMENTS	99+99.89	0.00'	27+54.53	-0.0000'

G. S. = GIRL SCOUT CAMP RD. ALIGNMENT
CH 50 = COUNTY HIGHWAY 50 ALIGNMENT

* O/S DISTANCES ARE FROM EACH ROADWAY ALIGNMENT.

NOTE:
GIRL SCOUT CAMP ALIGNMENT DOES NOT FOLLOW EXISTING ROADWAY C/L FROM STATION 97+00 TO STA. 98+00.

DATE	
BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

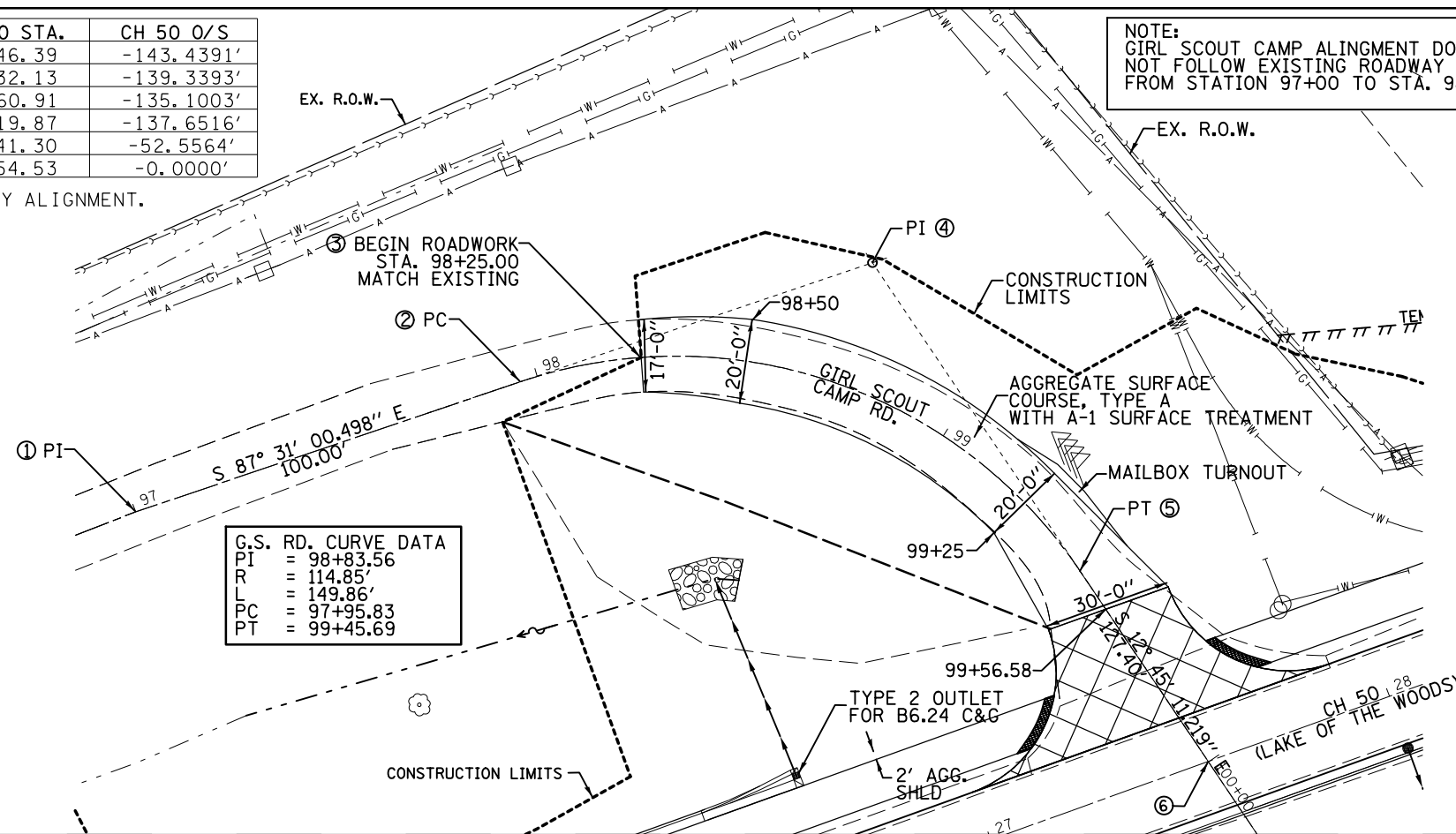
40300305 POLYMERIZED BITUMINOUS MATERIALS (COVER AND SEAL COAT)
GIRL SCOUT CAMP RD.

STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	HFP (GALLONS)
98+25	99+57	132.0	20.0	293.3
PROJECT TOTAL =				102.7
USE =				103.0

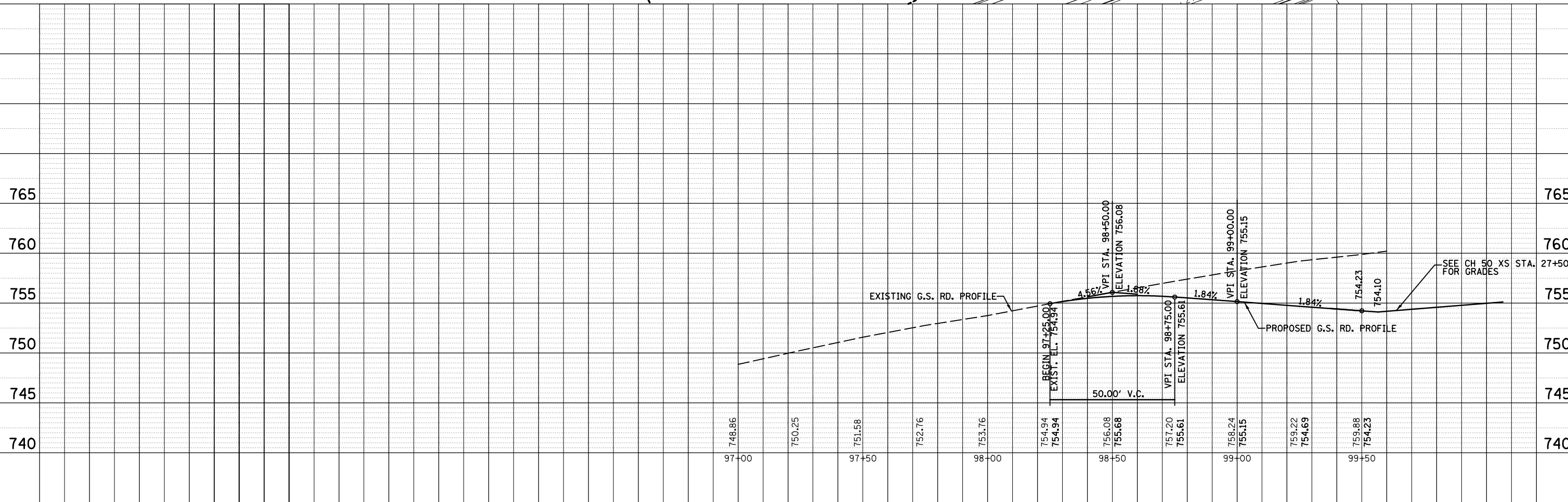
40300600 SEAL COAT AGGREGATE
GIRL SCOUT CAMP RD.

STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	CA-16 (TONS)
98+25	99+57	132.0	20.0	293.3
PROJECT TOTAL =				2.8
USE =				3.0

 = PCC DRIVEWAY PAVEMENT, 8"



DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



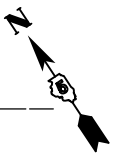
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 04-25-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
GIRL SCOUT CAMP RD.

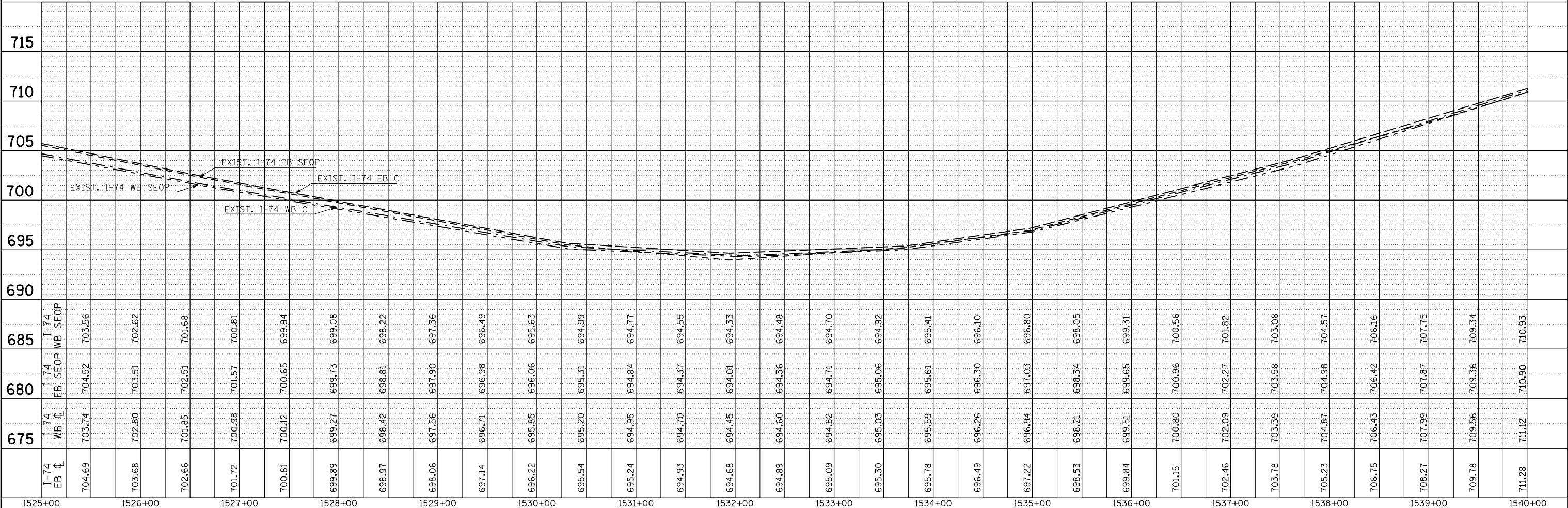
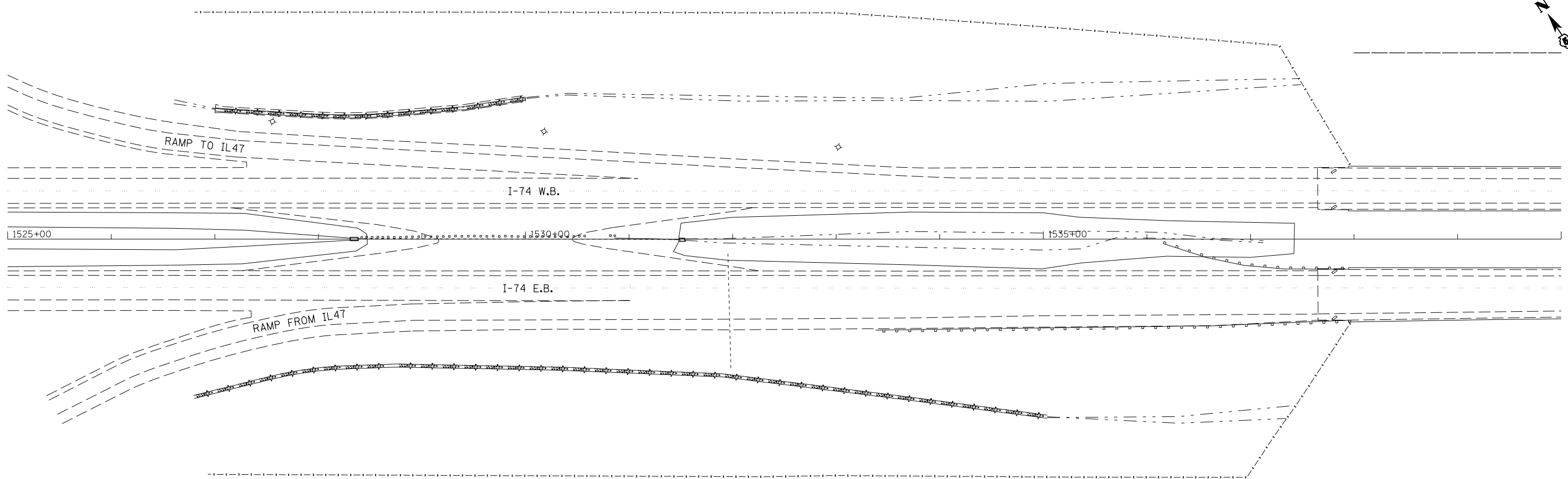
SCALE: SHEET 01 OF 01 SHEETS STA. 97+00.00 TO STA. 99+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70700	



PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	ROAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS OK'D	
	ROAD FILE NAME	
	NO.	



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

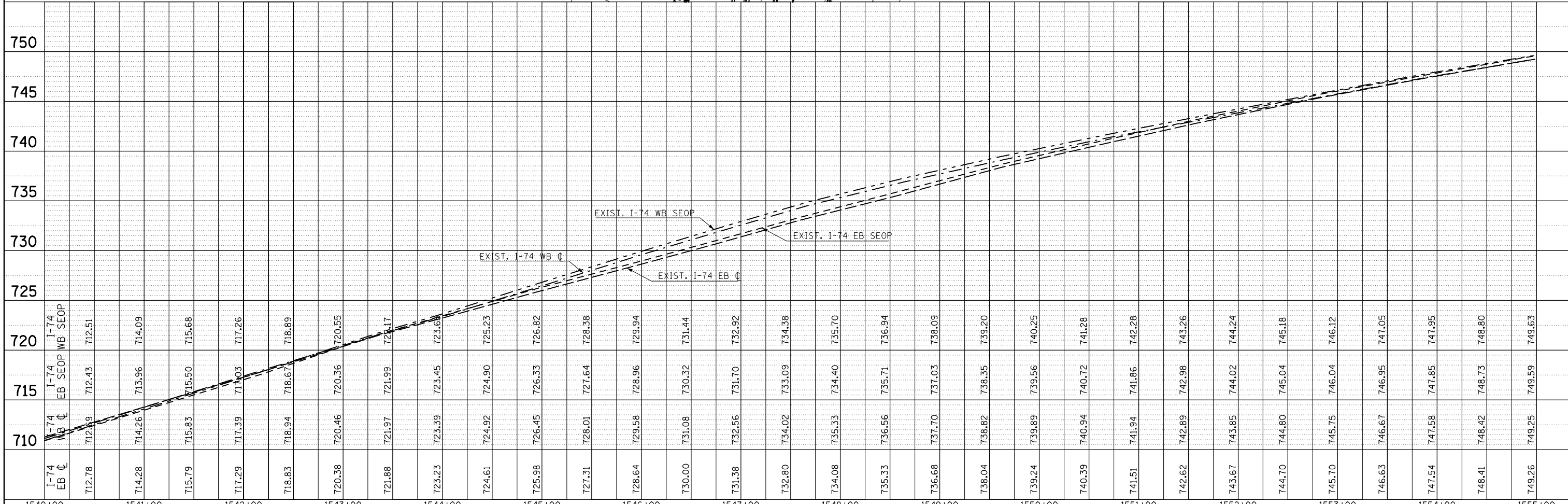
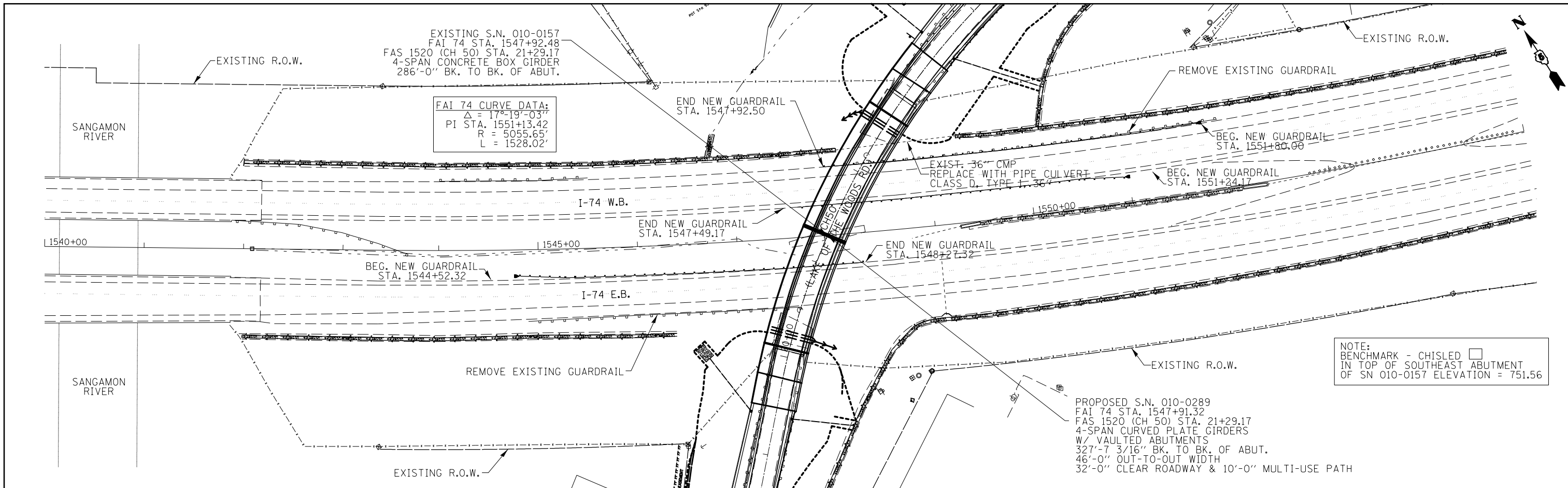
**PLAN AND PROFILE
FAI 74**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	45
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

SCALE: ----- SHEET NO. 1 OF 3 SHEETS STA. 15+25.00 TO STA. 15+40.00

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

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



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

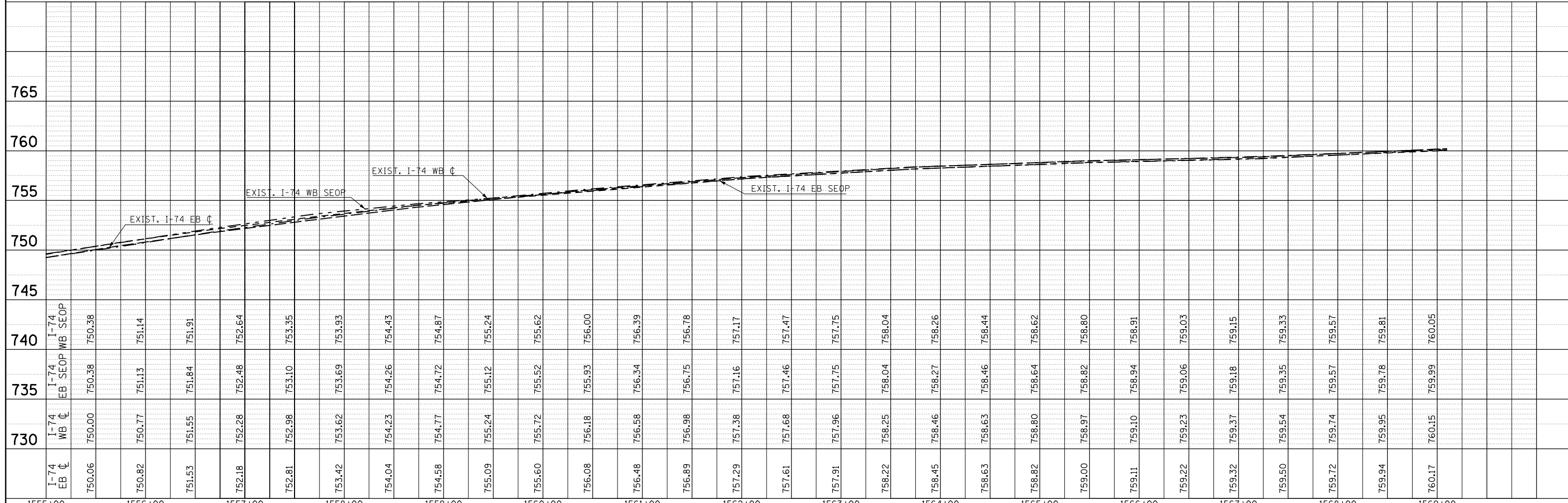
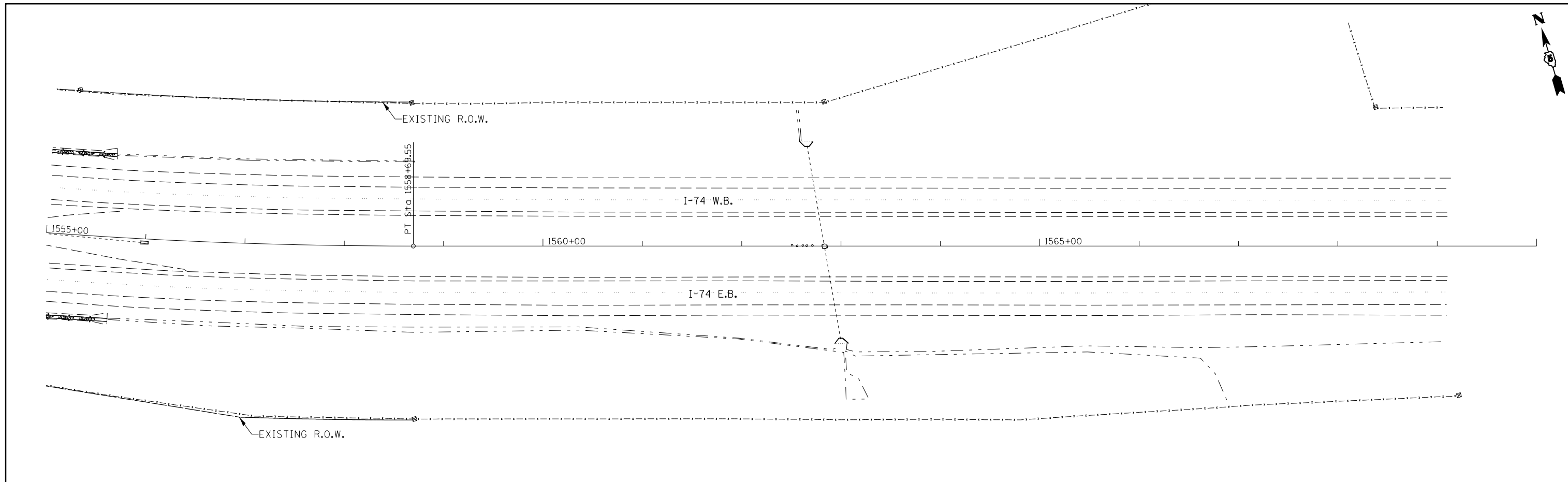
PLAN AND PROFILE
FAI 74

SCALE: ----- SHEET NO. 2 OF 3 SHEETS STA. 15+40.00 TO STA. 15+55.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	46
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIONS		



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
FAI 74**

SCALE: ----- SHEET NO. 3 OF 3 SHEETS STA. 15+55.00 TO STA. 15+69.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	47
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

40201000 AGGREGATE FOR TEMPORARY ACCESS

TEMPORARY ACCESS PHASE I

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	DEPTH (IN)	TONS
98+00.00	99+50.00	150.0	VAR.	468.1	6.0	140.4

TEMPORARY ACCESS PHASE II

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	DEPTH (IN)	TONS
300+00.00	301+75.00	175.0	20.0	388.9	6.0	116.7

PROJECT TOTAL = 257.1
USE = 258.0

35100100 AGGREGATE BASE COURSE, TYPE A

TEMPORARY ACCESS PHASE II

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	DEPTH (IN)	TONS
301+75.00	304+50.00	275.0	20.0	611.1	6.0	183.3

TEMPORARY ACCESS PHASE III

STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	DEPTH (IN)	TONS
29+00.00	VAR.	VAR.	285.2	6.0	85.6

State Sub-Total = 269.0

NOTE: CONVERSION FACTOR OF 1.8 TON/CU. YD. WAS USED TO CALC. AGG. BASE COURSE PLAN QUANTITY (TONS).

NOTE: SEE ALSO SCHEDULE OF PLAN PAY ITEMS FOR ADDITIONAL AGG. BASE COURSE, TYPE A QUANTITIES.

40603080 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50

TEMPORARY ACCESS PHASE II

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	DEPTH (IN)	TONS
301+75.00	304+50.00	275.0	20.0	611.1	2.25	77.0

TEMPORARY ACCESS PHASE III

STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	DEPTH (IN)	TONS
29+00.00	VAR.	VAR.	285.2	2.25	35.9

PROJECT TOTAL = 112.9
USE = 113.0

NOTE: TEMPORARY ACCESS PHASE I & III AREA OBTAINED USING CADD.

NOTE: A CONVERSION FACTOR OF 112 LB/SQ. YD / 1 INCH THICKNESS OF BINDER COURSE WAS USED FOR QUANTITY (TONS)

NOTE:
1. SEE OTHER PLAN SCHEDULES FOR TEMPORARY ACCESS ROADWAY PHASE I, II, AND II SEEDING AND EARTHWORK SCHEDULES.

44000158 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"

TEMPORARY ACCESS PHASE II

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
301+75.00	304+50.00	275.0	20.0	611.1

TEMPORARY ACCESS PHASE III

STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
29+00.00	VAR.	VAR.	285.2

PROJECT TOTAL = 896.3
USE = 897.0

NOTE: TEMPORARY ACCESS PHASE III AREA OBTAINED USING CADD.

66300105 CALCIUM CHLORIDE APPLIED

TEMPORARY ACCESS PHASE I

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	TONS
98+00.00	99+50.00	150.0	VAR.	468.1	0.3

TEMPORARY ACCESS PHASE II

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	TONS
300+00.00	301+75.00	175.0	20.0	388.9	0.2

PROJECT TOTAL = 0.5
USE = 1.0

NOTE: TEMPORARY ACCESS PHASE I & III AREA OBTAINED USING CADD.

NOTE: AN APPLICATION RATE OF 1.2 LBS/SQ. YD. WAS USED TO CALCULATE PLAN QTY (TONS)

5422D018 PIPE CULVERTS, CLASS D, TYPE 2 18" (TEMPORARY)

STATION	O/S	TO	STATION	O/S	LENGTH
30+67	44.0 LT.		30+81	27.0 LT.	22.0
32+83	35.0 LT.		33+58	83.0 LT.	89.0

PROJECT TOTAL = 111.0

54210186 PIPE ELBOW, 18"

STATION	O/S	EACH
30+67	44.0 LT.	1.0
32+83	35.0 LT.	1.0

PROJECT TOTAL = 2.0

NOTE: THESE ARE FOR THE TEMPORARY PIPE CULVERT

TEMPORARY ACCESS ROADWAY CONSTRUCTION SEQUENCE:

1. TEMPORARY ACCESS ROADWAY PHASE I SHALL BE CONSTRUCTED PRIOR TO CLOSING CH 50 FROM STA. 27+00 TO STA. 34+50 (SEE TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS).
2. ACCESS SHALL BE MAINTAINED TO GIRL SCOUT CAMP RD. DURING TEMPORARY ACCESS ROADWAY PHASE I CONSTRUCTION.
3. AFTER TEMPORARY ACCESS ROADWAY PHASE I IS CONSTRUCTED THE CONTRACTOR SHALL BEGIN CONSTRUCTING TEMPORARY ACCESS ROADWAY PHASE II (SEE TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS).
4. ACCESS SHALL BE MAINTAINED TO GIRL SCOUT CAMP RD. DURING CONSTRUCTION OF TEMPORARY ACCESS ROADWAY PHASE II.
5. ACCESS FROM EXISTING CH 50 (LAKE OF THE WOODS RD.) SHALL BE MAINTAINED TO ALL RESIDENTS AND COMMERCIAL BUSINESSES LOCATED NORTH OF GIRL SCOUT CAMP RD. DURING AFORMENTIONED SEQUENCE ITEMS 1 AND 3.
6. CONTRACTOR SHALL NOT BEGIN DRIVEWAY GRADING WORK UNTIL FINAL PORTION OF TEMPORARY ACCESS ROADWAY PHASE II CONSTRUCTION IN ORDER TO MINIMIZE DISTURBANCE TO EXISTING RESIDENCE TRAFFIC MOVEMENTS.
7. DURING FINAL STAGES OF TEMPORARY ACCESS ROADWAY PHASE II CONSTRUCTION, SHORT TERM ACCESS CLOSURES MAY BE NECESSARY IN ORDER TO COMPLETE GRADING AT EXISTING RESIDENTIAL ENTRANCE LOCATED NEAR STA. 29+00. PRIOR TO THESE INSTANCES THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER AS WELL AS THE AFFECTED PROPERTY OWNER, AND COMPLETE THE NECESSARY GRADING/CLOSURE ON AN AGREED UPON TIME AND DATE.
8. AFTER TEMPORARY ACCESS ROADWAY PHASE II IS COMPLETED THE CONTRACTOR SHALL WORK NORTH FROM THE NORTH END OF THE EXISTING BRIDGE, COMPLETING NECESSARY ROUGH GRADING ALONG CH 50 ALIGNMENT.
9. DURING SEQUENCE ITEM 8, ACCESS SHALL BE MAINTAINED TO LOCAL TRAFFIC WITH TEMPORARY ACCESS ROADWAY PHASE II FROM STATION 300+00 TO 305+68. DURING THIS PHASE OF CONSTRUCTION, CH 50 SHALL REMAIN OPEN FROM STA. 30+75 TO STA. 34+50.
10. UPON COMPLETION OF THE ROUGH GRADING ALONG CH 50 ALIGNMENT FROM THE NORTH END OF THE BRIDGE TO STA. 30+50, THE CONTRACTOR SHALL REMOVE THE EXISTING SOUTH ENTRANCE TO THE RV DEALERSHIP LOCATED NEAR STA. 29+00. ONCE THE EXISTING ENTRANCE HAS BEEN REMOVED AND CUT TO THE PROPOSED GRADE SHOWN IN THE PLANS THE CONTRACTOR SHALL CONSTRUCT TEMPORARY ACCESS ROADWAY PHASE III (SEE TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS FOR ADDITIONAL INFORMATION ON TEMPORARY ACCESS ROADWAY PHASE III).
11. AFTER COMPLETION OF TEMPORARY ACCESS ROADWAY III, THE CONTRACTOR SHALL SWITCH ALL LOCAL TRAFFIC OVER TO UTILIZE TEMPORARY ACCESS ROADWAY PHASE II FROM STA. 300+00 TO STA. 308+00 AND CONTINUE COMPLETING GRADING NORTH ALONG CH 50 ALIGNMENT TO STA. 34+50. ACCESS FROM EXISTING CH 50 SHOULD REMAIN OPEN TO THE TWO LOCAL BUSINESSES AS LONG AS POSSIBLE TO MINIMIZE TRAFFIC IMPACTS AT THESE LOCATIONS.
12. ONCE REMOVAL, GRADING, AND CONSTRUCTION OF PROPOSED CH 50 ROADWAY HAS BEEN COMPLETED THE CONTRACTOR SHALL SWITCH LOCAL TRAFFIC BACK TO CH 50 ALGINMENT AND COMPLETE NECESSARY WORK IN THE AREAS LOCATED WITHIN LIMITS OF THE TEMPORARY ACCESS ROADWAYS.
13. ANY PROPOSED CHANGES TO THE TEMPORARY ACCESS ROADWAY CONSTRUCTION SEQUENCE SHALL BE SUBMITTED TO AND APPROVED BY THE RESIDENT ENGINEER.

TEMPORARY ACCESS ROADWAY PHASE II CURVE DATA:

TEMP. ACCESS PH. II
PROP. CURVE #1
PI STA. = 302+01.75
Δ = 26° 14' 17" (LT)
R = 50.00'
L = 22.90'
P.C. STA = 301+90.10
P.T. STA = 302+13.00

TEMP. ACCESS PH. II
PROP. CURVE #2
PI STA. = 303+36.66
Δ = 13° 26' 49" (LT)
R = 385.00'
L = 90.36'
P.C. STA = 302+91.27
P.T. STA = 303+81.63

TEMP. ACCESS PH. II
PROP. CURVE #3
PI STA. = 304+33.47
Δ = 24° 25' 14" (LT)
R = 50.00'
L = 21.31'
P.C. STA = 304+22.66
P.T. STA = 304+43.97

TEMP. ACCESS PH. II
PROP. CURVE #4
PI STA. = 304+51.92
Δ = 13° 31' 01" (RT)
R = 50.00'
L = 11.80'
P.C. STA = 304+46.00
P.T. STA = 304+57.79

TEMP. ACCESS PH. II
PROP. CURVE #5
PI STA. = 305+62.28
Δ = 14° 16' 21" (RT)
R = 50.00'
L = 12.46'
P.C. STA = 305+56.02
P.T. STA = 305+68.48

TEMP. ACCESS PH. II
PROP. CURVE #6
PI STA. = 306+00.16
Δ = 17° 00' 13" (LT)
R = 50.00'
L = 14.84'
P.C. STA = 305+92.69
P.T. STA = 306+07.52

TEMP. ACCESS PH. II
PROP. CURVE #7
PI STA. = 307+51.30
Δ = 20° 48' 07" (RT)
R = 50.00'
L = 18.15'
P.C. STA = 307+42.12
P.T. STA = 307+60.28

TEMPORARY ACCESS ROADWAY PHASE II ALIGNMENT DATA

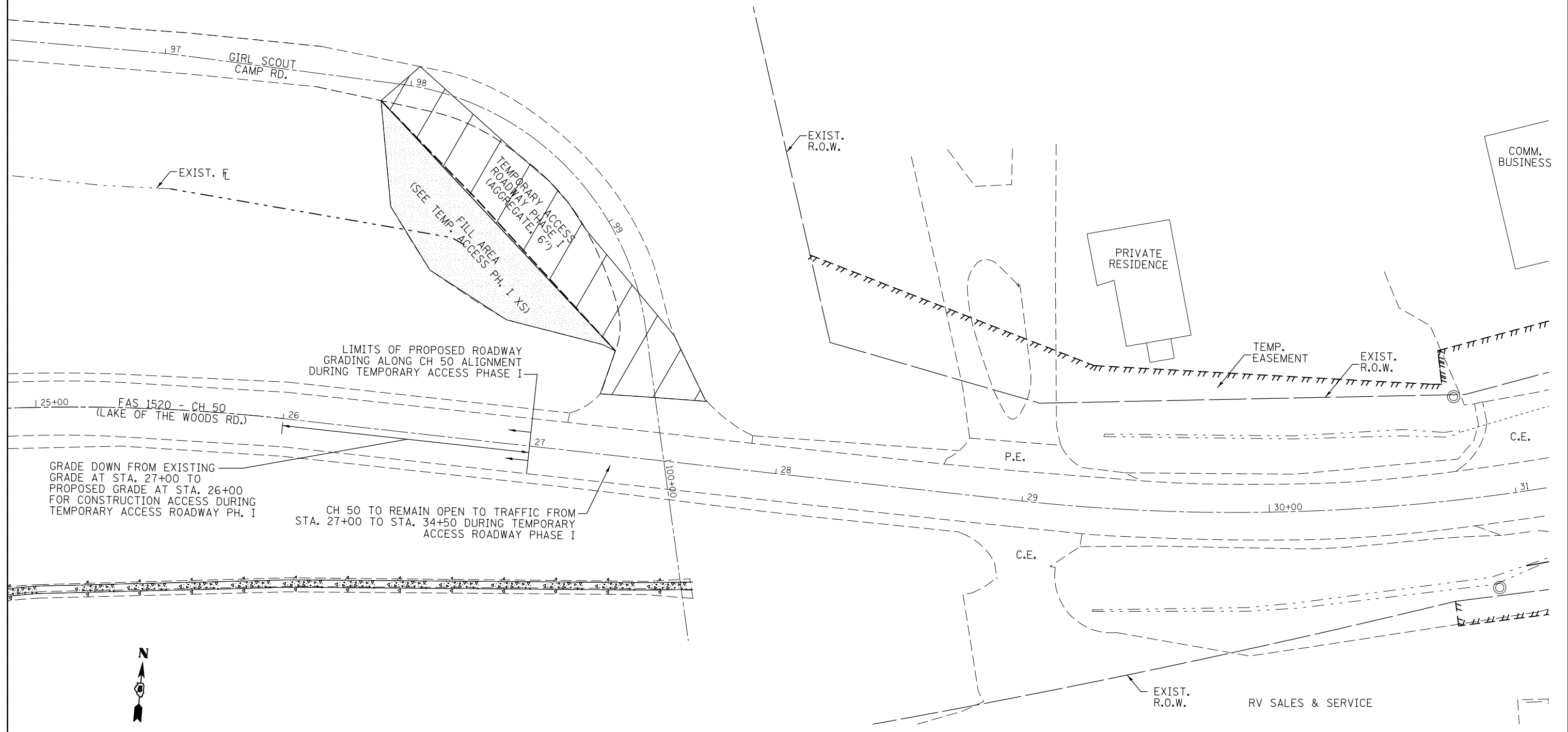
DESCRIPTION	ALIGNMENT	STATION	NORTHING	EASTING
P. O. T.	T. A. II	300+00.00	1284892.7069	969258.3422
P. I. #1	T. A. II	302+01.75	1284788.0174	969430.8083
P. I. #2	T. A. II	303+36.66	1284777.4617	969565.7116
P. I. #3	T. A. II	304+33.47	1284792.7128	969661.7392
P. I. #4	T. A. II	304+51.92	1284803.0619	969677.4076
P. I. #5	T. A. II	305+62.28	1284840.6945	969781.2080
P. I. #6	T. A. II	306+00.16	1284844.4337	969818.9679
P. I. #7	T. A. II	307+51.30	1284902.5147	969958.6186
P. O. T.	T. A. II	308+05.89	1284903.0832	970013.4075

* COORDINATES PROVIDED ARE GRID COORDINATES

PHASE I

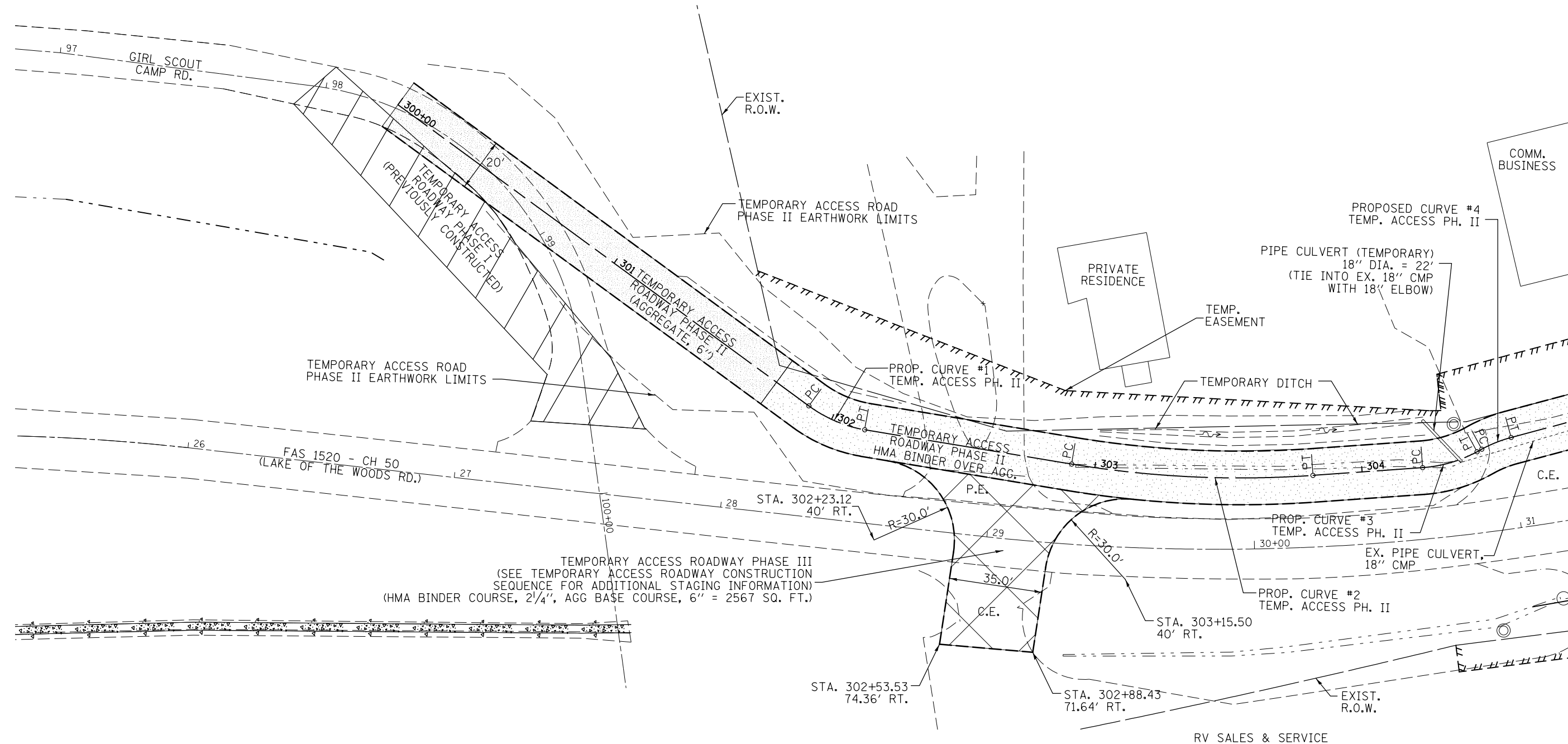
NOTES:

1. SEE TEMPORARY ACCESS ROADWAY PHASE I CROSS SECTION SHEETS FOR OFFSET (O/S) AND ELEVATION INFORMATION.
2. CH 50 (LAKE OF THE WOODS RD.) SHALL REMAIN OPEN TO TRAFFIC FROM STATION 27+00 TO STATION 34+50 DURING CONSTRUCTION OF TEMPORARY ACCESS ROADWAY PHASE I (SEE TEMPORARY ACCESS ROADWAY CONSTRUCTION SEQUENCE FOR ADDITIONAL REQUIREMENTS).
3. CONTRACTOR SHALL MAINTAIN ACCESS TO GIRL SCOUT CAMP RD. DURING TEMPORARY ACCESS ROADWAY PHASE I.



FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS CH 50 - LAKE OF THE WOODS RD.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pw\work\p\dot\ceerlockbm\d0208368\0570700-sh-t-ACCESS ROAD PLANS.dgn	DRAWN BMC	REVISED -	74			10-4BR	CHAMPAIGN	290	50	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70700							
PLOT DATE = 11/9/2012	DATE 5-3-12	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: N/A	SHEET NO. 2 OF 4 SHEETS	STA. 98+00.00 TO STA. 99+75.00			

PHASE II & III



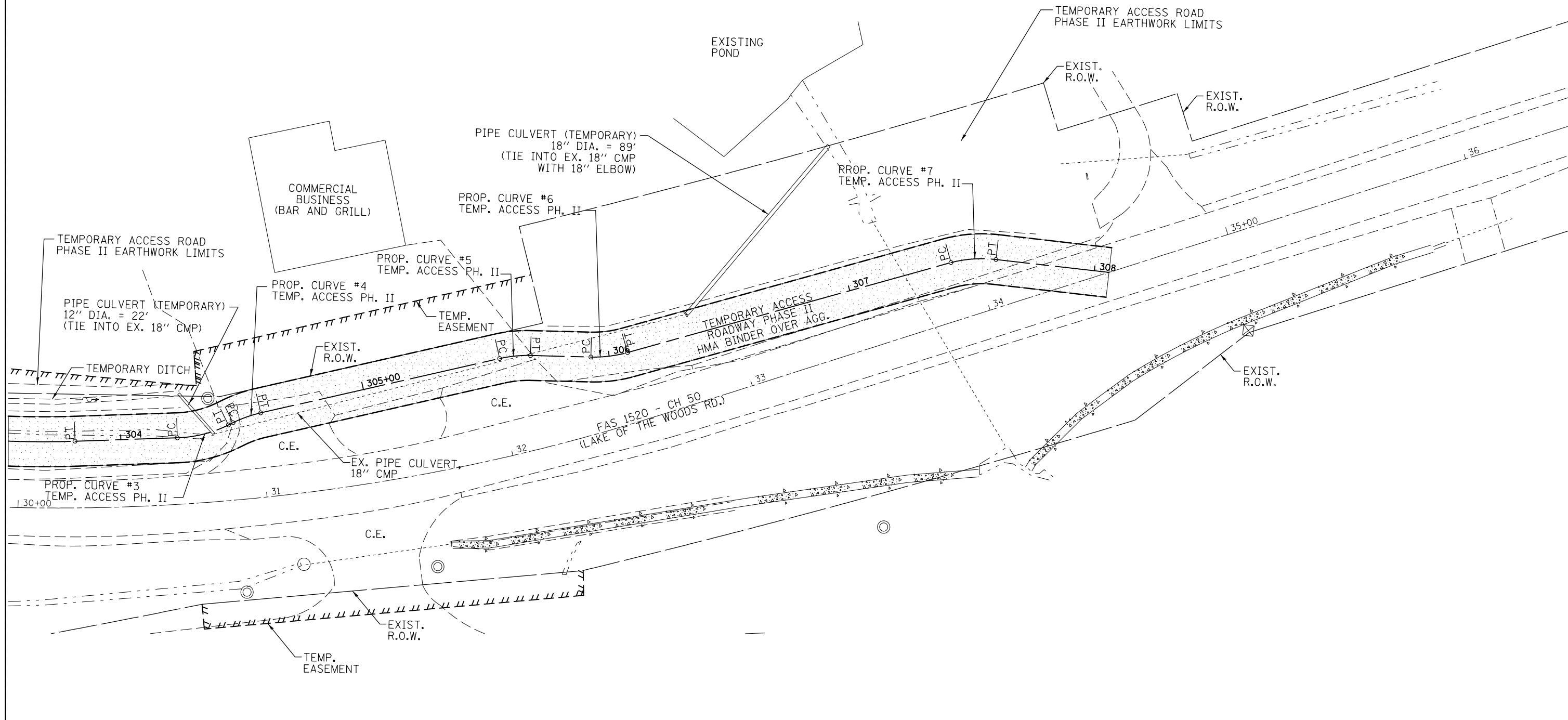
TEMPORARY ACCESS ROADWAY PHASE III
 (SEE TEMPORARY ACCESS ROADWAY CONSTRUCTION
 SEQUENCE FOR ADDITIONAL STAGING INFORMATION)
 (HMA BINDER COURSE, 2 1/4", AGG BASE COURSE, 6" = 2567 SQ. FT.)

NOTES:

1. SEE TEMPORARY ACCESS ROADWAY PHASE II CROSS SECTION SHEETS FOR O/S AND ELEVATION INFORMATION.
2. UTILIZE EXISTING PARKING LOT PAVEMENT WITHIN EXISTING R.O.W. FOR TEMPORARY ACCESS ROADWAY FROM STATION 304+48.80 TO STATION 305+69.36.
3. TEMPORARY PIPE CULVERTS SHALL BE REMOVED DURING TEMPORARY ACCESS ROADWAY REMOVAL.
4. TEMPORARY ACCESS ROADWAY PHASE II SHALL CONSIST OF 6" AGGREGATE FOR TEMPORARY ACCESS OVER COMPACTED SUBGRADE FROM STA. 300+00 TO STA. 301+75. BEGINING AT STA. 301+75 TEMPORARY ACCESS ROADWAY PHASE II SHALL BE 2 1/4" HMA BINDER COURSE, IL-19.0, N50 OVER 6" AGGREGATE BASE COURSE TYPE A.
5. TEMPORARY ACCESS ROADWAY PHASE III SHALL ALSO CONSIST OF 2 1/4" HMA BINDER COURSE, IL-19.0 N50 OVER 6" AGGREGATE BASE COURSE TYPE A.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS CH 50 - LAKE OF THE WOODS RD.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\ceerlockbm\d0208368\0570700-sh-t-ACCESS ROAD PLANS.dgn	DRAWN BMC	REVISED -	74			10-4BR	CHAMPAIGN	290	51	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70700							
PLOT DATE = 11/9/2012	DATE 5-3-12	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: N/A	SHEET NO. 3 OF 4 SHEETS	STA. 300+00 TO STA. 304+80			

PHASE II



NOTES:
1. SEE NOTES ON SHEET 3 OF 4.



FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
c:\pwork\pwork\ceorlockbm\d0208368\0570700-sh-t-ACCESS ROAD PLANS.dgn		DRAWN BMC	REVISED -
		CHECKED -	REVISED -
		DATE 5-3-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS
CH 50 - LAKE OF THE WOODS RD.**

SCALE: N/A SHEET NO. 4 OF 4 SHEETS STA. 304+80 TO STA. 308+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	52
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

42" X 24"
WHITE ON GREEN
(SEE NOTE 1)

UNCLE BUCKS
OPEN AHEAD

42" X 24"
WHITE ON GREEN
(SEE NOTE 1)

RS RV &
UNMATCHED DETAILING
OPEN AHEAD

42" X 24"
WHITE ON GREEN
(SEE NOTE 1)

UNCLE BUCKS
OPEN AHEAD

42" X 24"
WHITE ON GREEN
(SEE NOTE 1)

RS RV &
UNMATCHED DETAILING
OPEN AHEAD

42" X 24"
WHITE ON GREEN
(SEE NOTE 1)

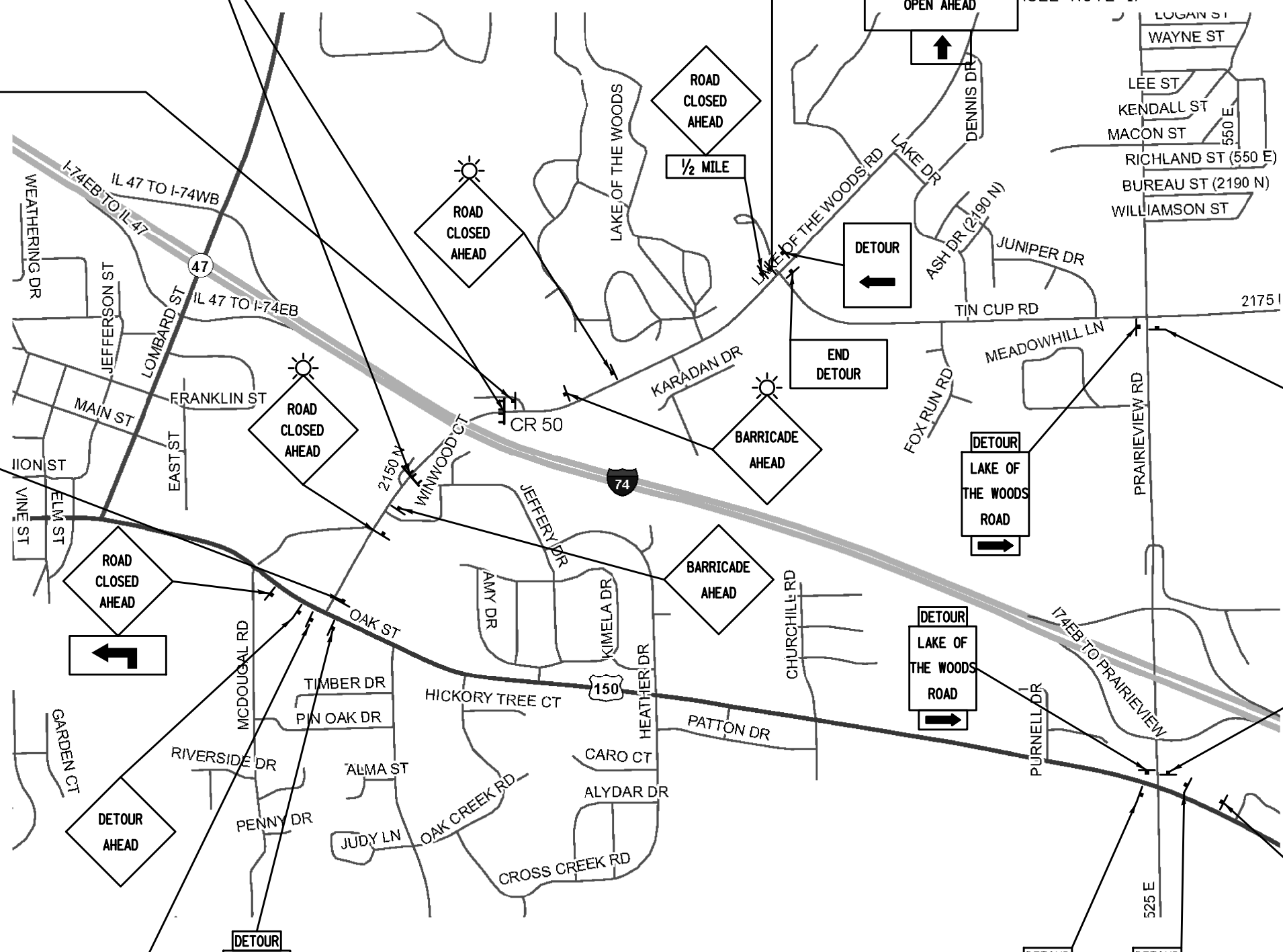
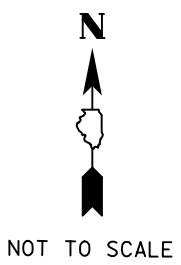
UNCLE BUCKS
FOLLOW DETOUR

42" X 24"
WHITE ON GREEN
(SEE NOTE 1)

RS RV &
UNMATCHED DETAILING
FOLLOW DETOUR

TYPE III BARRICADES
WITH LIGHTS & ROAD
CLOSED SIGNS.
2 EACH

NOTES:
1. SIGNING FOR BUSINESS ACCESS SHALL BE CONSIDERED INCIDENTAL TO DETOUR SIGNING. LETTERS SHALL BE TYPE B AND 4" IN HEIGHT.



FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -
ce:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-detour.dgn		DRAWN JDC	REVISED -
		CHECKED -	REVISED -
		DATE 5-10-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

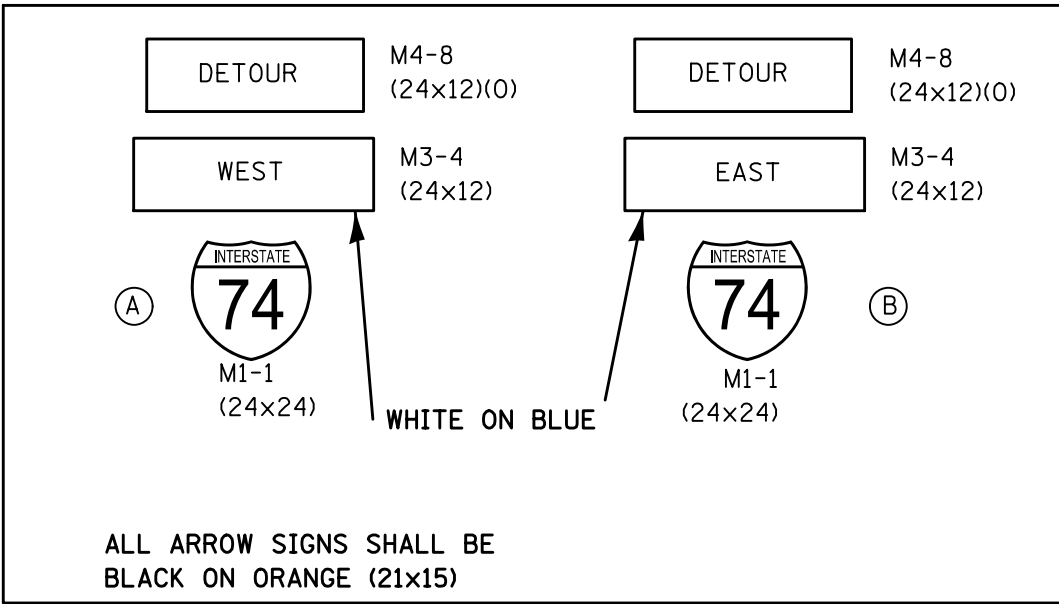
TRAFFIC CONTROL AND PROTECTION (DETOUR 1)

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. - TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	53
CONTRACT NO. 70700				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

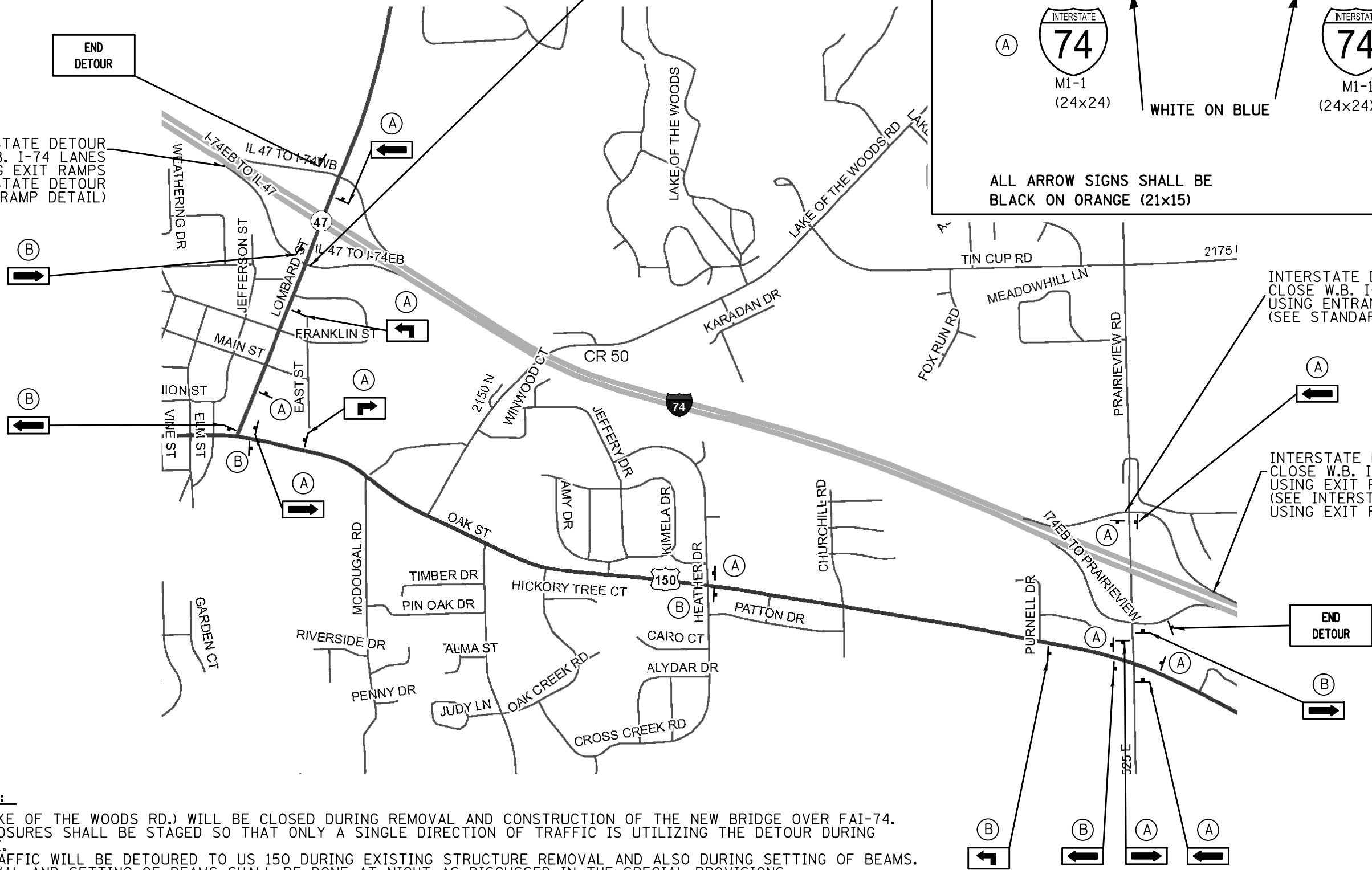
INTERSTATE DETOUR
CLOSE E.B. I-74 LANES
USING EXIT RAMP
USING EXIT RAMP DETAIL)

INTERSTATE DETOUR
CLOSE E.B. I-74 LANES
USING ENTRANCE RAMP
(SEE STANDARD 701451)



INTERSTATE DETOUR
CLOSE W.B. I-74 LANES
USING ENTRANCE RAMP
(SEE STANDARD 701451)

INTERSTATE DETOUR
CLOSE W.B. I-74 LANES
USING EXIT RAMP
(SEE INTERSTATE DETOUR
USING EXIT RAMP DETAIL)



GENERAL NOTES:

1. CH 50 (LAKE OF THE WOODS RD.) WILL BE CLOSED DURING REMOVAL AND CONSTRUCTION OF THE NEW BRIDGE OVER FAI-74.
2. FAI-74 CLOSURES SHALL BE STAGED SO THAT ONLY A SINGLE DIRECTION OF TRAFFIC IS UTILIZING THE DETOUR DURING A CLOSURE.
3. FAI-74 TRAFFIC WILL BE DETOURED TO US 150 DURING EXISTING STRUCTURE REMOVAL AND ALSO DURING SETTING OF BEAMS. THE REMOVAL AND SETTING OF BEAMS SHALL BE DONE AT NIGHT AS DISCUSSED IN THE SPECIAL PROVISIONS.
4. W.B. FAI-74 SHALL BE THE FIRST DIRECTION CLOSED DURING EXISTING STRUCTURE REMOVAL.
5. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT POINTS LOCATED FIVE MILES AHEAD, OR AS APPROVED BY THE ENGINEER, OF PROPOSED ROAD CLOSURE AREA ALONG FAI-74.
6. CONTACT DISTRICT TRAFFIC AND OPERATION ENGINEER AT 217-465-4181 TEN (10) WORKING DAYS PRIOR TO IMPLEMENTING THE DETOUR.

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION (TEMPORARY DETOUR)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-detour.dgn	DRAWN JDC	REVISED -	REVISED -					74	10-4BR	CHAMPAIGN	290	54
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 70700			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 11/9/2012	DATE 5-10-12	REVISED -	REVISED -		SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA. - TO STA. -					

NOTES:

UTILIZE TRAFFIC CONTROL STANDARD 701406 FOR PLACEMENT OF TEMPORARY CONCRETE BARRIER. (FLAGGER REQUIRED UNTIL BARRIER PLACEMENT COMPLETE).

TAPERED PORTION OF THE TEMPORARY CONCRETE BARRIER SHALL BE PLACED USING A 12:1 TAPER RATE AS SHOWN ON THE PLANS

VERTICAL PANELS WITH MONODIRECTIONAL STEADY BURNING TYPE A LIGHTS SHALL BE MOUNTED ON THE TAPERED PORTIONS OF THE TEMPORARY CONCRETE BARRIER AT 25' CENTERS

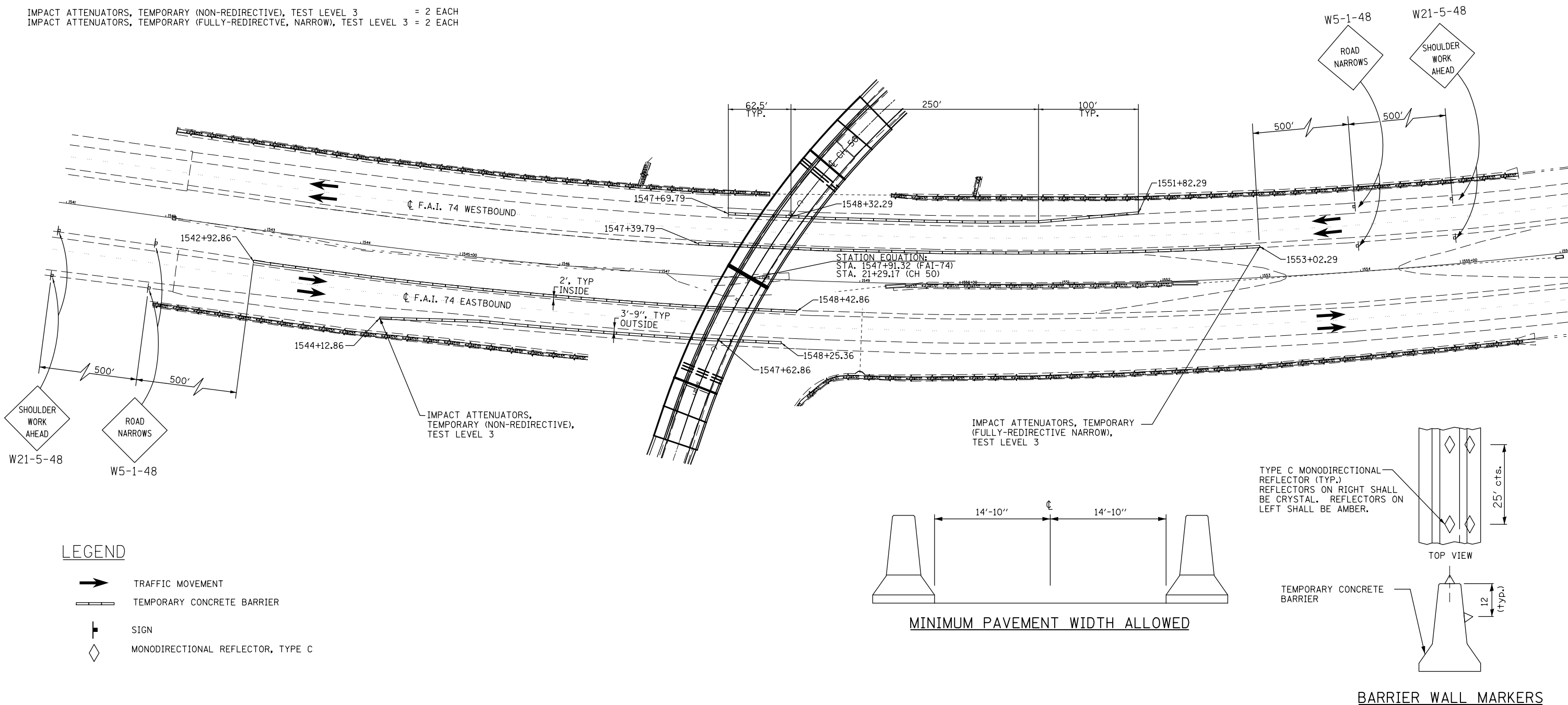
BARRIER WALL REFLECTORS, TYPE C, SHALL BE MOUNTED ON THE TANGENT PORTIONS OF THE TEMPORARY CONCRETE BARRIER AS SHOWN ON THE BARRIER WALL MARKERS DETAIL.

TEMPORARY CONCRETE BARRIER	FOOT
OUTSIDE SHOULDER	
WESTBOUND STA 1547+69.79 TO STA 1551+82.29	412.5
EASTBOUND STA 1544+12.86 TO STA 1548+25.36	412.5
MEDIAN SHOULDER	
WESTBOUND STA 1547+39.79 TO STA 1553+02.29	562.5
EASTBOUND STA 1542+92.86 TO STA 1548+42.86	550.0
TOTAL	1937.5

IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 = 2 EACH
 IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 3 = 2 EACH



NOT TO SCALE



FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED -
c:\pwwork\pwwork\ceorlockbm\d0208368\0570700-sht-g-rail.dgn		DRAWN BMC	REVISED -
\$MODELNAME\$	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 8-7-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION (SPECIAL)

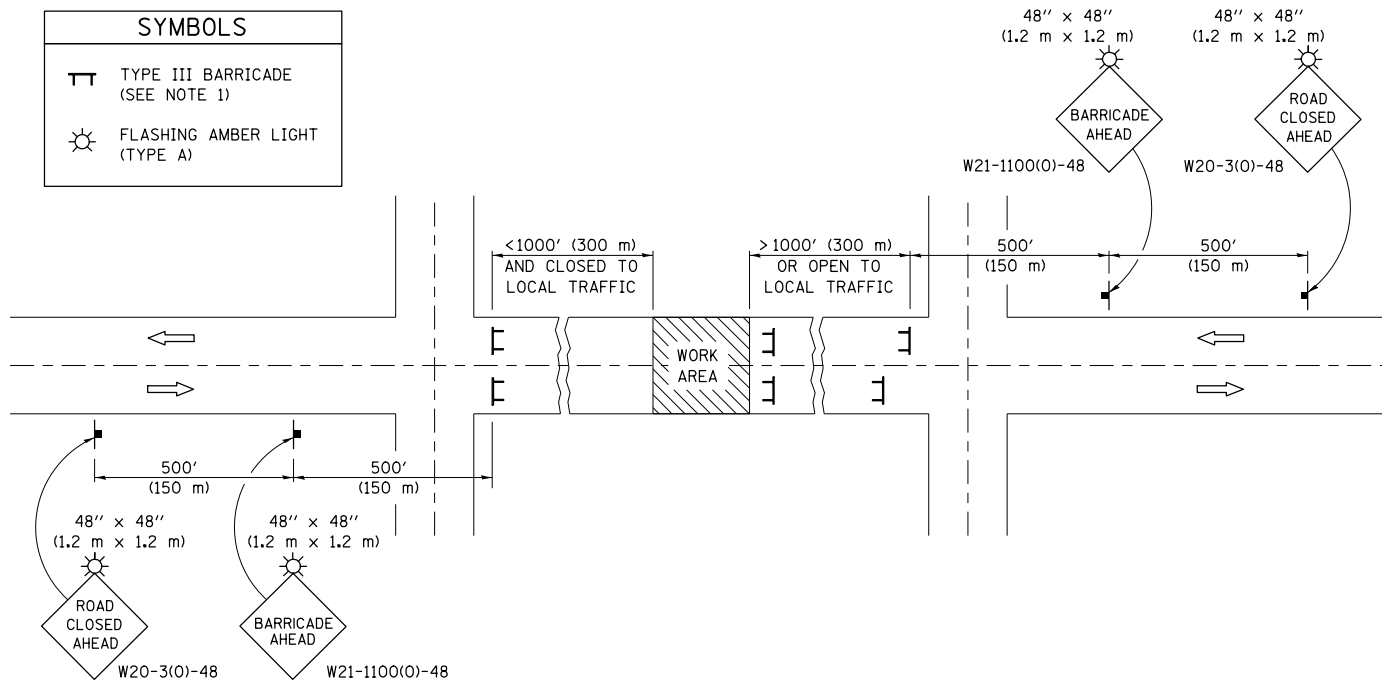
SCALE: N/A SHEET 1 OF 1 SHEETS STA. ---- TO STA. ----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	55
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

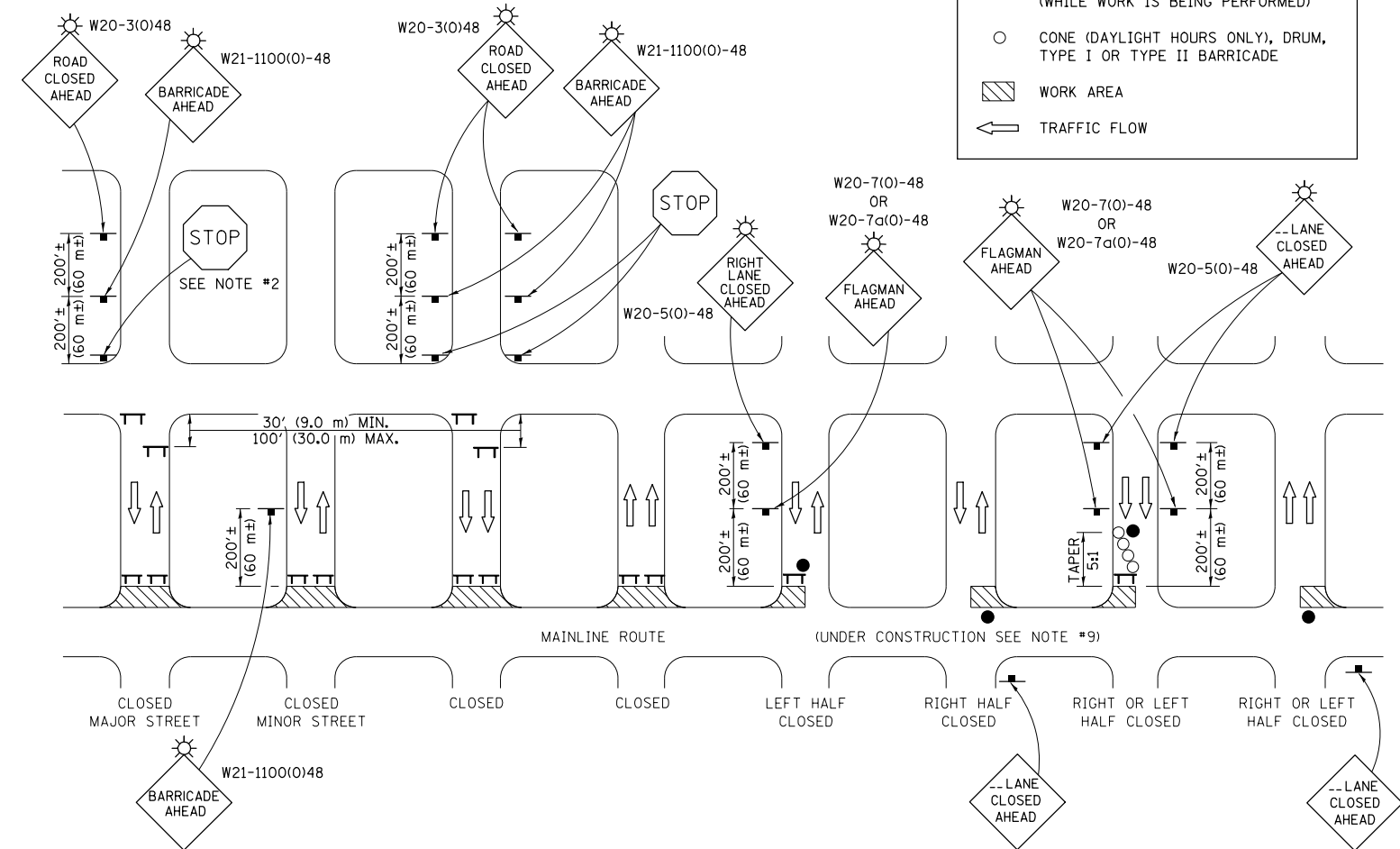
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONES (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - 11/06
ei:\pw\work\p1dot\ceorlockbm\d0208368\0570700-sht-details.dgn		DRAWN -	REVISED - 12/07
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - 09/09 - KJT
	PLOT DATE = 11/9/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD/STREET CLOSURES)

SCALE: SHEET NO. 1 OF 1 SHEETS STA. ----- TO STA. -----

DISTRICT 5 DETAIL NO. 7020000

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70700	

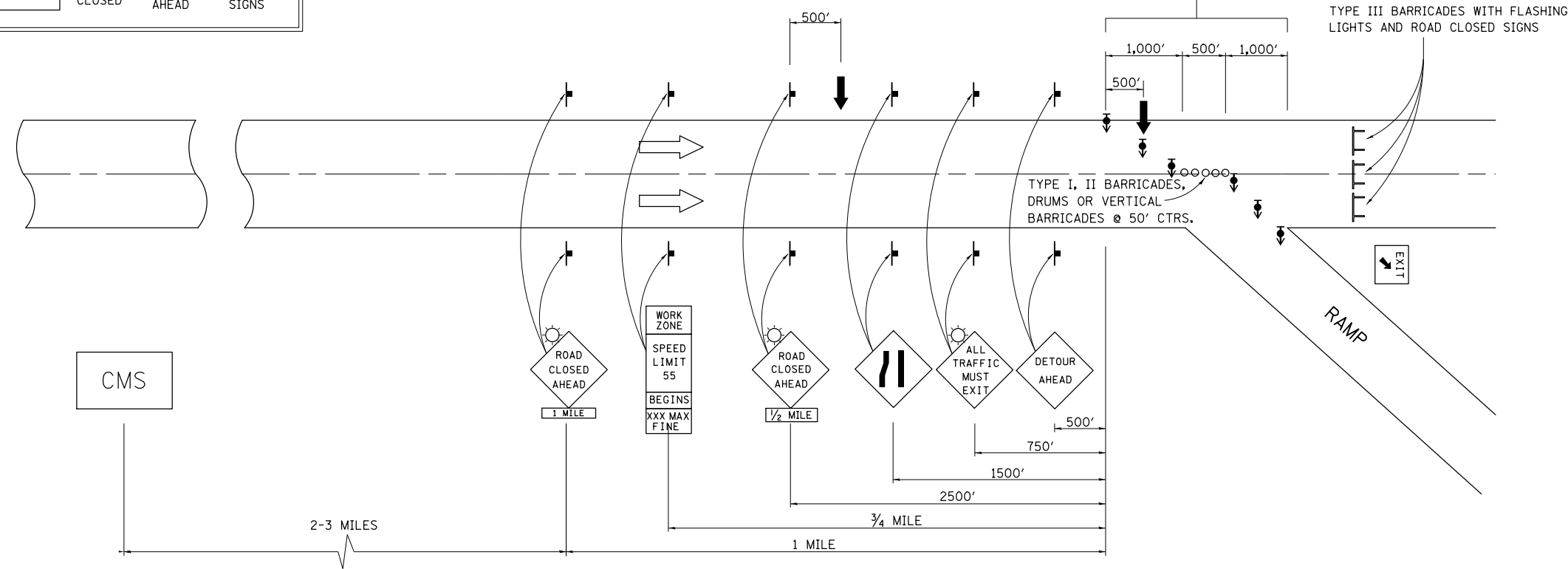
INTERSTATE DETOUR USING EXIT RAMP

A CHANGEABLE MESSAGE SIGN SHALL BE USED IN ADVANCE OF SIGNING TO WARN OF CLOSURE

CMS	ROAD CLOSED	2-3 MILES AHEAD	FOLLOW DETOUR SIGNS
-----	-------------	-----------------	---------------------

DIRECTIONAL BARRICADES WITH STEADY BURNING LIGHTS AT 50' (15 m) CTS. IN TAPER. DRUMS WITH STEADY BURNING LIGHTS IN TANGENT (BETWEEN TAPERS) AT 100' (30 m) CTS.

FOR OFF PEAK CLOSURES LESS THAN 24 HOURS, THE TANGENT SECTION MAY BE OMITTED BY APPROVAL OF THE ENGINEER.



SYMBOLS	
	ARROW BOARD
	SIGN
	DRUM W/STEADY BURNING LIGHT
	TYPE III BARRICADE
	DIRECTIONAL BARRICADE W/STEADY BURNING LIGHT
	LIGHTED FLAGGER STATIONS

FILE NAME =	USER NAME = ceerlockbm	DESIGNED -	REVISED - -
ce:\p\work\p\idot\ceerlockbm\d0208368\0570700-sht-details.dgn		DRAWN -	REVISED - -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSTATE DETOUR USING EXIT RAMP

SCALE: SHEET NO. 1 OF 1 SHEETS STA. ----- TO STA. -----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	57
CONTRACT NO. 70700				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LANDSCAPE SCHEDULES

STATION TO	STATION	AREA (ACRES)	28000250 TEMPORARY EROSION SEEDING (POUND)	25000200 SEEDING CLASS 2 (ACRES)	25000350 SEEDING CLASS 7 (ACRES)	25000400 NITROGEN FERT. NUT. (POUNDS)	25000500 PHOSP. FERT. NUT. (POUNDS)	25000600 POTASIUM FERT. NUT. (POUNDS)	25100635 HD EROSION CONTROL BLANKET (SQ. YD.)
<u>TEMPORARY ACCESS ROAD PH. I - STATE</u>									
98+00	99+50	0.25	25.0	-	0.25	-	-	-	-
		Sub-Total =	25.0		0.25				
<u>TEMPORARY ACCESS ROAD PH. II - STATE</u>									
300+00	308+00	0.5	50.0	-	0.50	-	-	-	-
		Sub-Total =	50.0		0.50				
<u>CH 50 - VILLAGE OF MAHOMET</u>									
LT. 13+75	LT 18+75	0.50	50.0	0.50	0.50	45.0	45.0	45.0	2420.0
		Village of Mahomet Sub-Total =	50.0	0.5	0.5	45.0	45.0	45.0	2420.0
<u>CH 50 - STATE</u>									
18+75	20+50	0.50	50.0	0.50	0.50	45.0	45.0	45.0	2420.0
22+75	34+50	1.50	150.0	1.50	1.50	135.0	135.0	135.0	7260.0
		Sub-Total =	200.0	2.0	2.0	180.0	180.0	180.0	9680.0
<u>GIRL SCOUT CAMP RD. - STATE</u>									
98+25	99+50	0.25	25.0	0.25	0.25	22.5	22.5	22.5	1210.0
		Sub-Total =	25.0	0.25	0.25	22.5	22.5	22.5	1210.0
		State Sub-Total =	300.0	2.25	3.0	203.0	203.0	203.0	10890.0
		PROJECT TOTAL =	350.0	2.75	3.5	247.5	247.5	247.5	13310.0
		USE =	350.0	2.75	3.5	248.0	248.0	248.0	13310.0

28000305 TEMPORARY DITCH CHECKS - VILLAGE OF MAHOMET

STATION	O/S	LENGTH (FOOT)
13+78	42.0 LT.	10.0
14+75	47.0 LT.	10.0
15+75	50.0 LT.	10.0
16+75	57.0 LT.	10.0
17+75	66.0 LT.	10.0
Village of Mahomet Sub-total =		50.0

28000305 TEMPORARY DITCH CHECKS - STATE

STATION	O/S	LENGTH (FOOT)
23+35	125.0 LT.	10.0
24+85	95.0 LT.	10.0
26+45	81.0 LT.	10.0
27+77	48.0 RT.	10.0
30+00	25.0 RT.	10.0
30+00	42.0 LT.	10.0
30+50	25.0 RT.	10.0
30+64	44.0 LT.	10.0
30+95	29.0 RT.	10.0
State Sub-Total =		90.0
PROJECT TOTAL =		140.0

28000500 INLET AND PIPE PROTECTION - VILLAGE OF MAHOMET

STATION	O/S	EACH
15+25	27.0 LT.	1.0
16+50	27.0 LT.	1.0
18+00	27.0 LT.	1.0
Village of Mahomet Sub-Total =		3.0

28000500 INLET AND PIPE PROTECTION - STATE

STATION	O/S	EACH
18+00	13.0 RT.	1.0
19+40	25.0 LT.	1.0
19+40	17.0 RT.	1.0
23+50	25.0 LT.	1.0
23+50	17.0 RT.	1.0
25+00	29.0 LT.	1.0
25+00	15.0 RT.	1.0
26+50	13.0 RT.	1.0
26+62	30.0 LT.	1.0
28+00	13.0 RT.	1.0
30+86	28.0 LT.	1.0
30+97	15.0 LT.	1.0
32+41	35.0 LT.	1.0
32+41	30.0 LT.	1.0
State Sub-Total =		14.0
PROJECT TOTAL =		17.0

28000315 AGGREGATE DITCH CHECKS

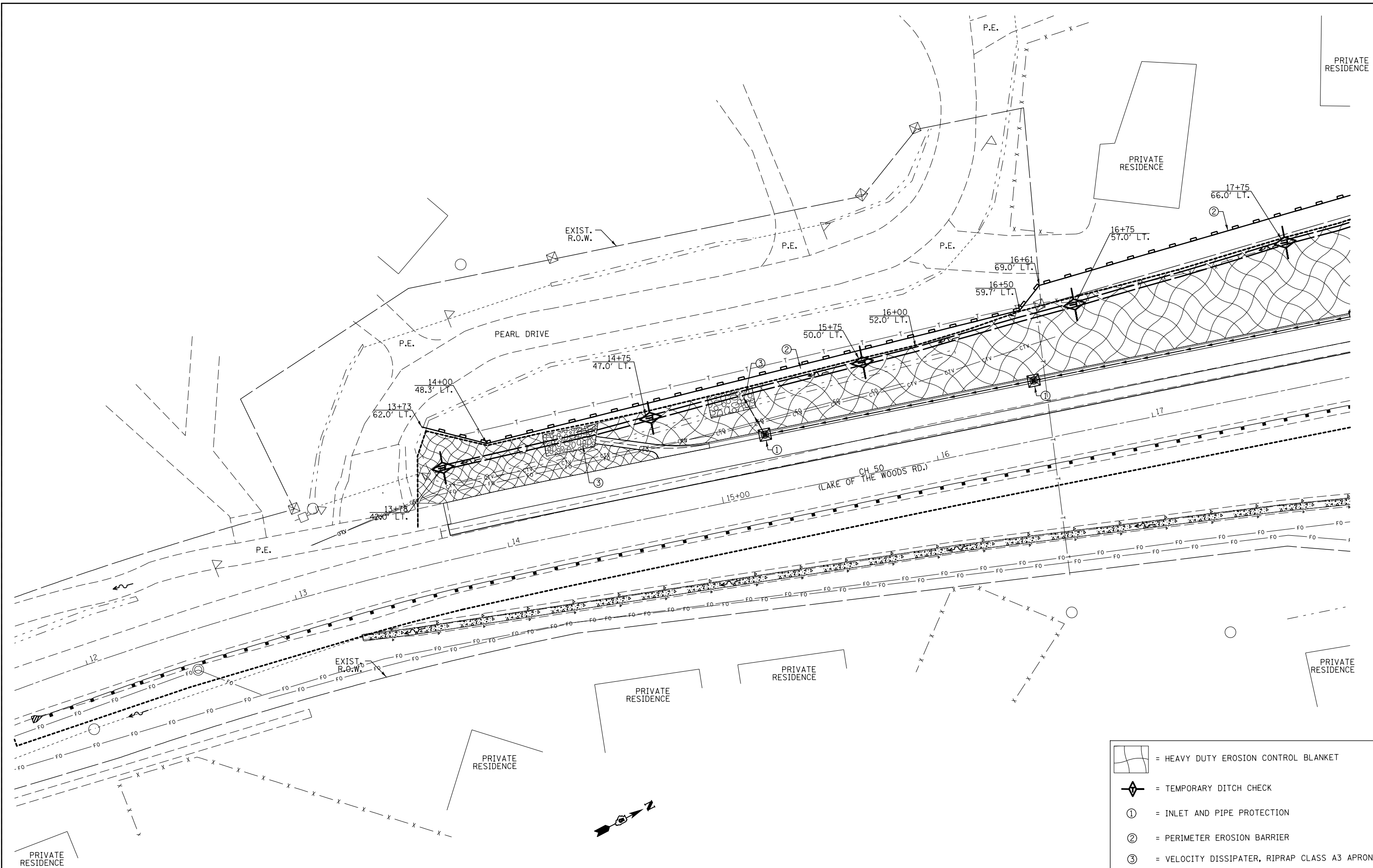
STATION	O/S	TON
32+94	54.0 LT.	3.0
33+13	60.0 LT.	3.0
33+32	65.0 LT.	3.0
33+53	66.0 LT.	3.0
33+85	65.0 LT.	3.0
34+05	61.0 LT.	3.0
34+25	57.0 LT.	3.0
PROJECT TOTAL =		21.0



28000400 PERIMETER EROSION BARRIER - VILLAGE OF MAHOMET

STATION TO	STATION	FOOT
LT. 13+75	18+75	511.0
Village of Mahomet Sub-total =		511.0

28000400 PERIMETER EROSION BARRIER - STATE

STATION TO	STATION	FOOT
LT. 18+75	20+30	243.0
RT. 18+03	20+34	288.0
LT. 20+67	21+16	60.0
LT. 22+13	34+50	1209.0
RT. 22+41	34+50	971.0
State Sub-Total =		2771.0
PROJECT TOTAL =		3282.0



-  = HEAVY DUTY EROSION CONTROL BLANKET
-  = TEMPORARY DITCH CHECK
- ① = INLET AND PIPE PROTECTION
- ② = PERIMETER EROSION BARRIER
- ③ = VELOCITY DISSIPATER, RIPRAP CLASS A3 APRON

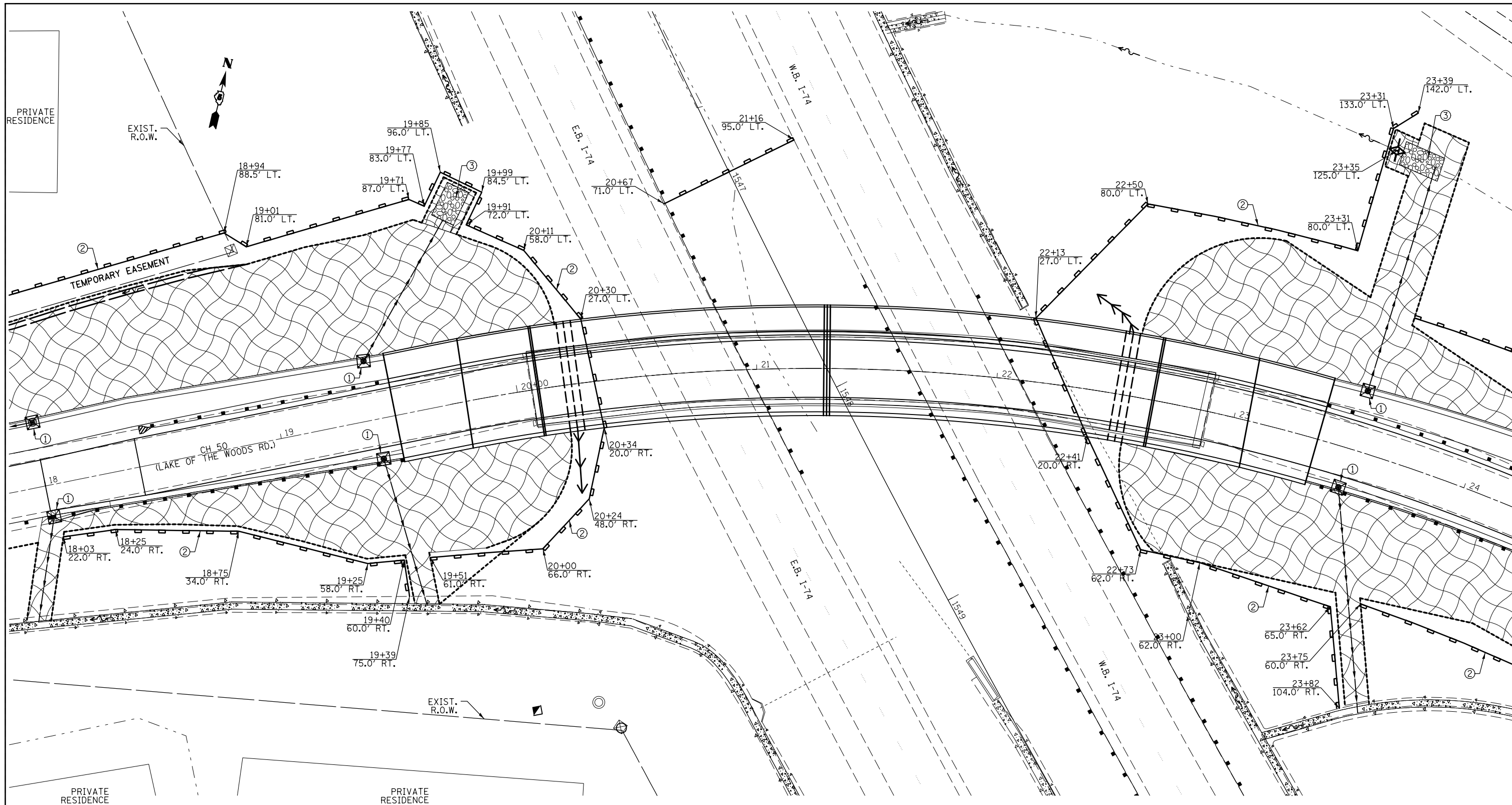
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	PLOT DATE = 11/9/2012	DATE 5-1-12	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL - CH 50
PLAN VIEW SHEETS**

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. 12+00.00 TO STA. 18+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	59
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				



-  = HEAVY DUTY EROSION CONTROL BLANKET
-  = TEMPORARY DITCH CHECK
- ① = INLET AND PIPE PROTECTION
- ② = PERIMETER EROSION BARRIER
- ③ = VELOCITY DISSIPATER, RIPRAP CLASS A3 APRON

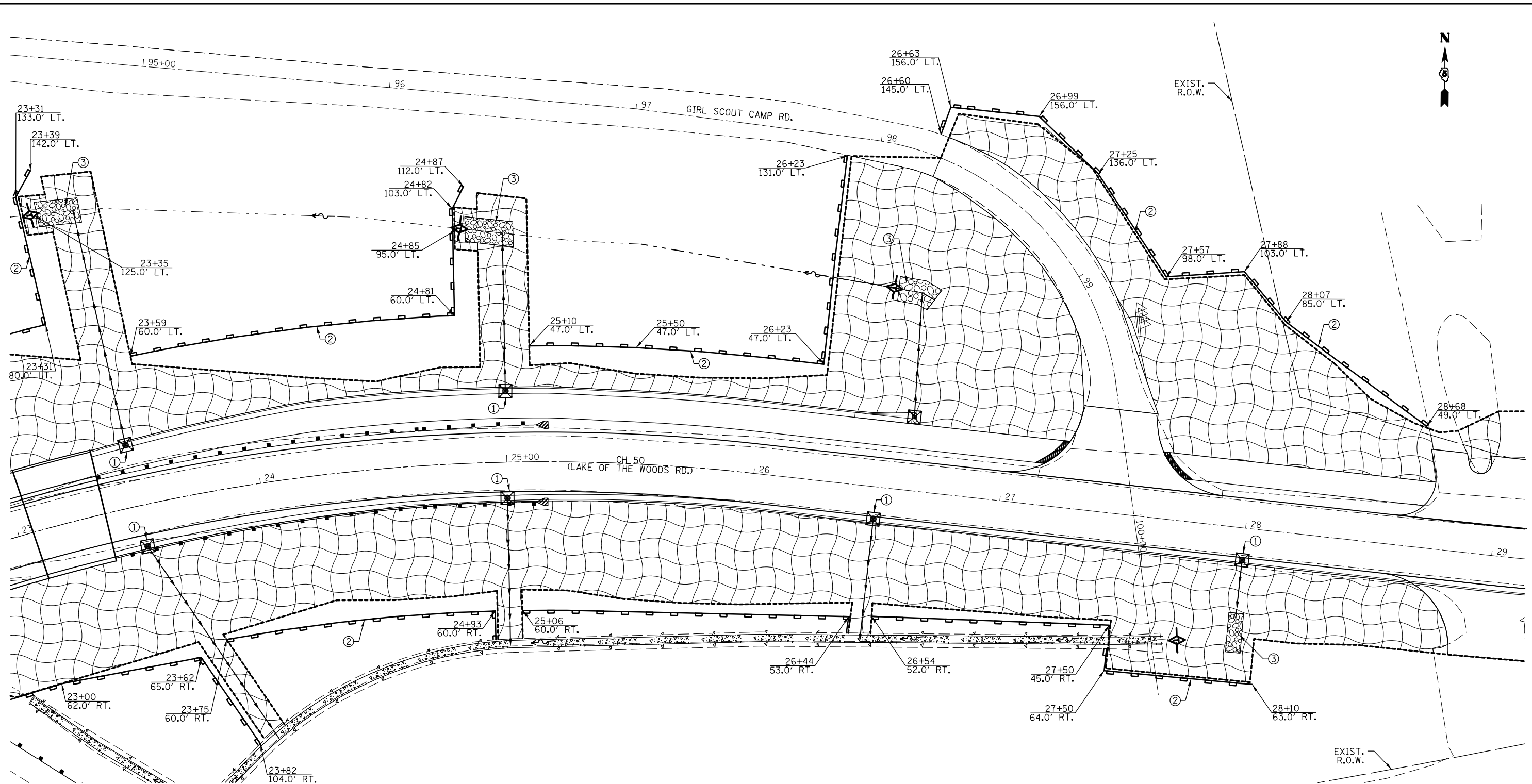
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ce:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-eros.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 5-1-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL - CH 50
PLAN VIEW SHEETS**

SCALE: N/A SHEET NO. 2 OF 4 SHEETS STA. 18+00.00 TO STA. 24+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	60
				CONTRACT NO. 70700
ILLINOIS FED. AID PROJECT				



- = PCC CONCRETE ENTRANCE
- = HEAVY DUTY EROSION CONTROL BLANKET
- = TEMPORARY DITCH CHECK
- ① = INLET AND PIPE PROTECTION
- ② = PERIMETER EROSION BARRIER
- ③ = VELOCITY DISSIPATER, RIPRAP CLASS A3 APRON

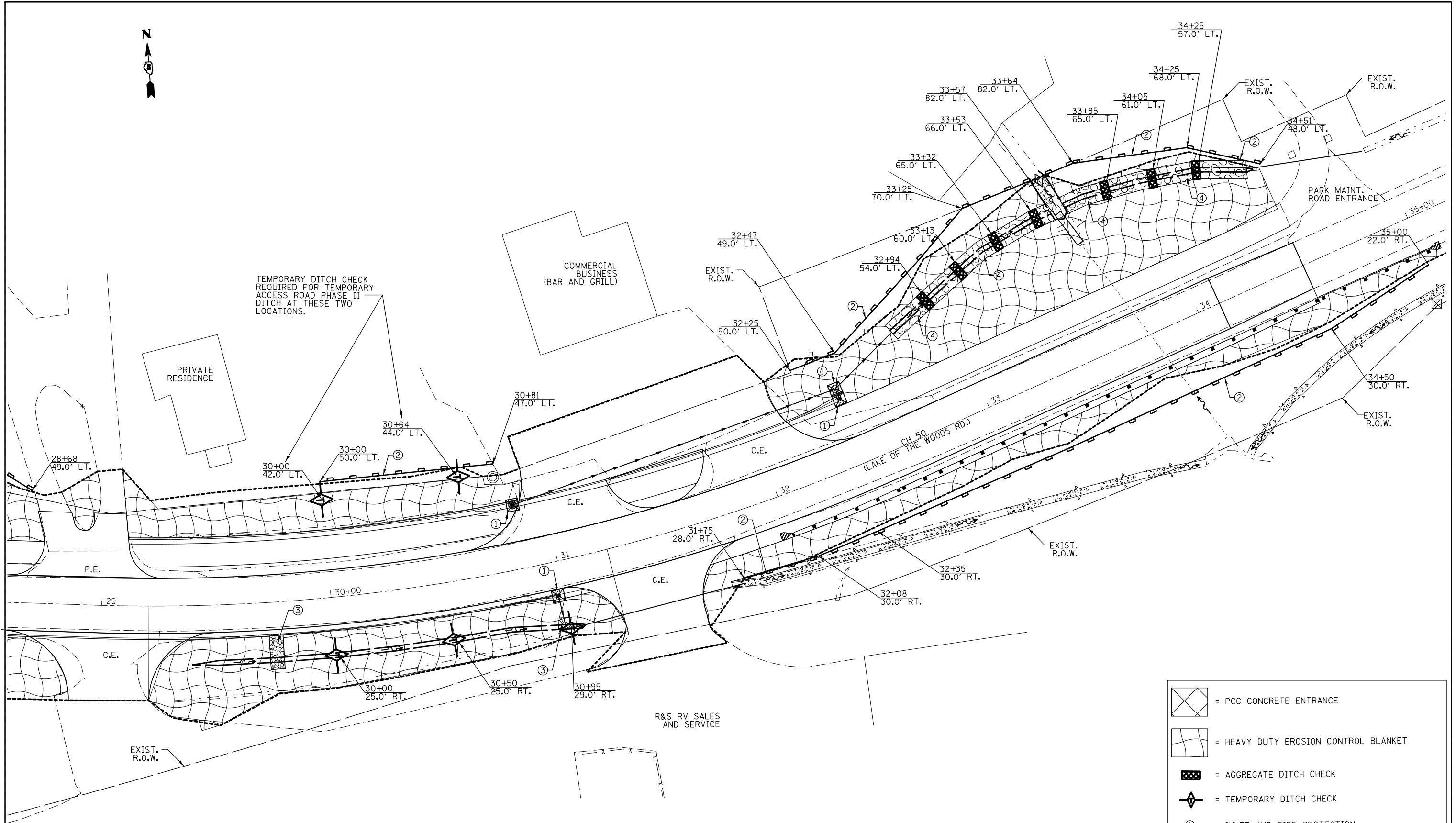
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 5-1-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





**EROSION AND SEDIMENT CONTROL - CH 50
PLAN VIEW SHEETS**

SCALE: N/A SHEET NO. 3 OF 4 SHEETS STA. 23+00.00 TO STA. 29+00.00

F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	61
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				



NOTE:
DUE TO THE PROPOSED DITCH PROFILE GRADE, ALL
TEMPORARY DITCH CHECKS FROM LT. STA. 32+94
TO LT. STA. 34+25 SHALL BE AGGREGATE DITCH CHECKS.

-  = PCC CONCRETE ENTRANCE
-  = HEAVY DUTY EROSION CONTROL BLANKET
-  = AGGREGATE DITCH CHECK
-  = TEMPORARY DITCH CHECK
- ① = INLET AND PIPE PROTECTION
- ② = PERIMETER EROSION BARRIER
- ③ = VELOCITY DISSIPATER, RIPRAP CLASS A3 APRON
- ④ = RIPRAP LINED DITCH, RIPRAP CLASS A4

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	PLOT DATE = 11/9/2012	DATE 5-1-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION AND SEDIMENT CONTROL - CH 50		
PLAN VIEW SHEETS		
SCALE: N/A	SHEET NO. 4 OF 4 SHEETS	STA. 29+00.00 TO STA. 35+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	62
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

28100105 STONE RIPRAP, CLASS A3 - VILLAGE OF MAHOMET

STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
LT. 14+47	VAR.	10.0	26.1
LT. 15+23	21.0	10.0	23.3
Village of Mahomet Sub-Total =			50.0

28100105 STONE RIPRAP, CLASS A3 - STATE

STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
LT. 19+79	15.0	10.0	16.7
LT. 23+52	17.0	10.0	18.9
LT. 25+04	19.5	10.0	21.7
LT. 26+62	VAR.	10.0	17.0
RT. 27+97	16.0	6.0	10.7
RT. 29+72	15.0	6.0	10.0
RT. 30+94	5.0	6.0	3.3
State Sub-Total =			99.0
PROJECT TOTAL =			149.0

* AREA QUANTITIES FOR LOCATIONS WITH VARIABLE DIMENSIONS WERE OBTAINED USING CADD.

28200200 FILTER FABRIC

STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
LT. 32+73.00	90.0	8.0	80.0
LT. 33+59.67	24.0	8.0	21.3
LT. 33+65.00	85.0	8.0	75.6
PROJECT TOTAL =			176.9
USE =			177.0

* AREA QUANTITIES FOR LOCATIONS WITH VARIABLE DIMENSIONS WERE OBTAINED USING CADD.

28100107 STONE RIPRAP, CLASS A4

STATION TO	STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)
LT. 32+73.00	33+60.96	90.0	8.0	80.0
LT. 33+59.67	33+63.50	24.0	8.0	21.3
LT. 33+65.00	34+44.00	85.0	8.0	75.6
PROJECT TOTAL =				176.9
USE =				177.0

20800150 TRENCH BACKFILL - VILLAGE OF MAHOMET

STR. #	TO	STR. #	PAY LENGTH	CU. YD.
OUTLET		1	3.6	2.3
1		2	122.5	40.7
2		3	147.5	52.8
Village of Mahomet Sub-total =				96.0

20800150 TRENCH BACKFILL - STATE

STR. #	TO	STR. #	PAY LENGTH	CU. YD.
11		12	124.0	38.1
State Sub-Total =				39.0
PROJECT TOTAL =				135.0

NOTE: VOLUME OF TRENCH BACKFILL (CU. YDS.) PER LINEAL FT. OF STORM SEWER TABLE FROM CONSTRUCTION MANUAL WAS USED TO CALCULATE QUANTITIES.

DRAIN SCHEDULE

STRUCTURE	STATION	O/S	RIM ELEV.	INVERT ELEV.	542D1081	542D0223	54213447		54213453	60100945	60405900	60600095	60900515	60237420	60240215	60240324	550A0090	550A2340	54213663	
					P. CULVERT	P. CULVERT	END SECTION	END SECTION	PIPE DRAINS	GRATES & COVERS	CLASS SI	CONC. THRUST	INLET A	INLET B	INLET B	S. S. CLASS A	S. S. R. GASK.	CONC. END		
					CLASS D	CLASS D	12" (EACH)	18" (EACH)	12" (FOOT)	T2B (EACH)	CONC.	(CU. YD.)	(EACH)	(EACH)	(EACH)	(EACH)	TYPE 1, 18"	TYPE 1, 18"	SECT. 18"	
					T2, 36"	T1, 18"					OUTLET		BLOCKS	T20 F&G	T1F CL	T20 F&G	(FOOT)	(FOOT)	(EACH)	
CURB OUTLET (STANDARD)	14+99	LT.	-	-	-	-	-	-	-	-	4.12	-	-	-	-	-	-	-	-	
1	15+25	LT.	728.45	723.86	-	-	-	-	-	-	-	-	-	-	-	1.0	21.0	-	1.0	
2	16+50	LT.	733.79	729.73	-	-	-	-	-	-	-	-	-	-	-	1.0	125.0	-	-	
PIPE CULVER	33+62	LT.	-	-	16.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Village of Mahomet Sub-Total =					16.0	-	-	-	-	-	-	-	-	-	-	2.0	146.0	-	1.0	
3	18+00	LT.	741.37	736.87	-	-	-	-	-	-	-	-	-	-	-	1.0	150.0	-	-	
CURB OUTLET (TYPE 2)	18+00	RT.	-	739.45	-	-	-	-	44.0	1.0	1.62	1.0	1.0	-	-	-	-	-	-	
4	19+40	LT.	749.67	746.02	-	-	1.0	-	68.0	-	-	1.0	1.0	-	-	-	-	-	-	
5	19+40	RT.	749.42	745.77	-	-	-	-	65.0	-	-	1.0	1.0	-	-	-	-	-	1.0	
6	23+50	LT.	758.51	754.86	-	-	1.0	-	97.0	-	-	1.0	1.0	-	-	-	-	-	1.0	
7	23+50	RT.	758.26	754.61	-	-	-	-	94.0	-	-	1.0	1.0	-	-	-	-	-	-	
9	25+00	LT.	757.02	753.37	-	-	1.0	-	64.0	-	-	1.0	1.0	-	-	-	-	-	1.0	
8	25+00	RT.	756.89	753.24	-	-	-	-	60.0	-	-	1.0	1.0	-	-	-	-	-	-	
10	26+50	RT.	755.51	751.86	-	-	-	-	50.0	-	-	1.0	1.0	-	-	-	-	-	1.0	
CURB OUTLET (TYPE 2)	26+62	LT.	-	752.89	-	-	1.0	-	64.0	1.0	1.62	1.0	-	-	-	-	-	-	-	
13	28+00	RT.	754.10	751.50	-	-	1.0	-	24.0	-	-	-	1.0	-	-	-	-	-	-	
11	30+85	RT.	745.68	741.20	-	-	-	-	-	-	-	-	-	-	1.0	-	150	-	-	
CURB OUTLET (TYPE 2)	30+97	RT.	745.38	743.72	-	-	1.0	-	14.0	1.0	1.62	-	-	-	-	-	-	-	-	
PIPE CULVER	31+00	RT.	-	-	-	78.0	-	2.0	-	-	-	-	-	-	-	-	-	-	-	
12	32+41	LT.	-	735.00	-	-	-	-	-	-	-	-	-	1.0	-	-	35.0	-	1.0	
CURB OUTLET (TYPE 2)	32+41	LT.	-	737.53	-	-	-	-	5.0	1.0	1.62	-	-	-	-	-	-	-	-	
State Sub-Total =					-	78.0	6.0	2.0	649.0	4.0	6.5	9.0	8.0	1.0	2.0	185.0	150.0	5.0	-	
PROJECT TOTAL =					16.0	78.0	6.0	2.0	649.0	4.0	7.0	9.0	8.0	1.0	4.0	331.0	150.0	6.0	-	-

542D0241 PIPE CULVERT, CLASS D, TYPE 1 36"

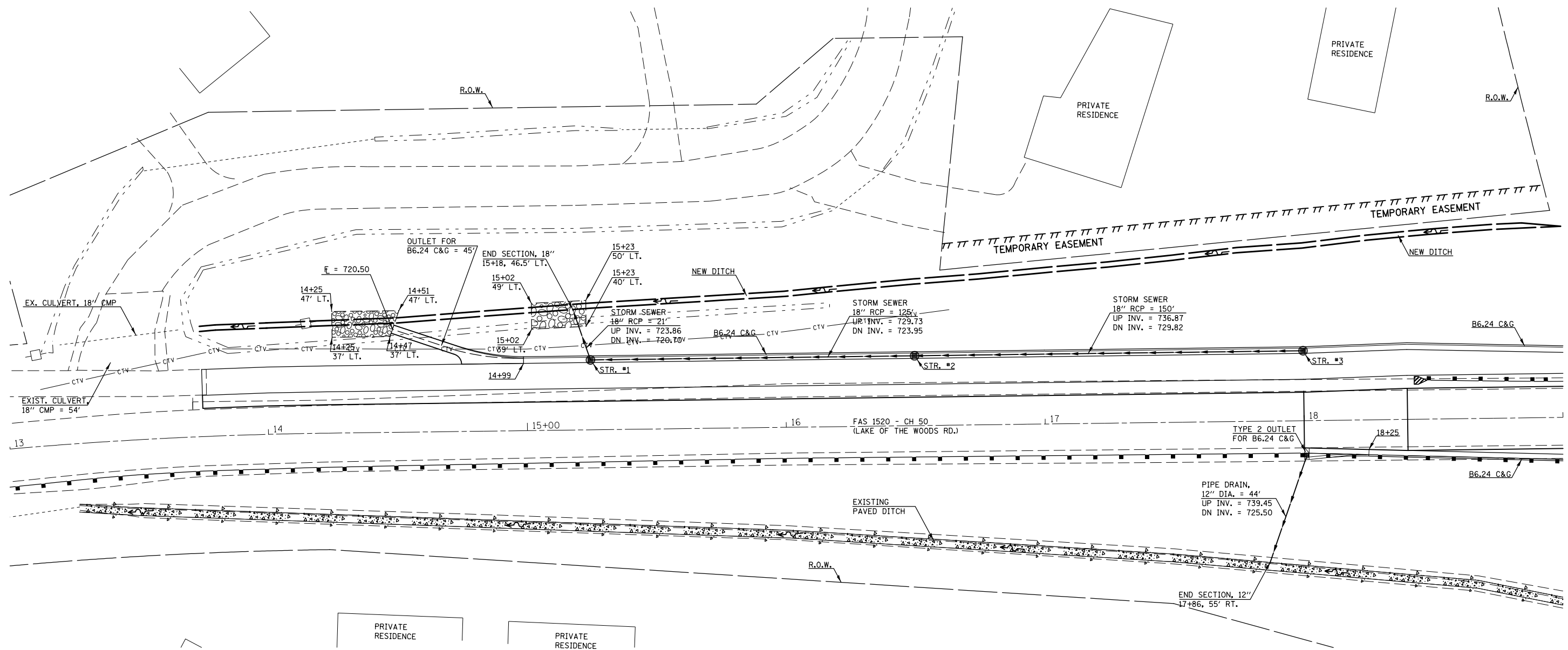
FAI-74

STATION	O/S	INVERT	TO	STATION	O/S	INVERT	PIPE LENGTH
1548+06	84.85' LT.	730.01		1549+30	87.85' LT.	733.18	124.0


PROJECT TOTAL = 124.0

STRUCTURE TABLE (STORM SEWERS AND INLETS)										
STR. #	O/S	STA.	STR. TYPE	FRAME & GRATE	FRAME & LID	ROAD C/L ELEV.	RIM ELEV.(F/L GUTTER)	TOP OF MASONRY ELEV.	F/L IN	F/L OUT
1	LT. 26.5'	15+25	NLET TYPE B	TYPE 20	-	728.92	728.45	727.70	723.95	723.86
2	LT. 26.50'	16+50	NLET TYPE B	TYPE 20	-	734.48	733.79	733.04	729.82	729.73
3	LT. 26.50'	18+00	NLET TYPE B	TYPE 20	-	741.95	741.37	740.62	-	736.87

NOTE: O/S ARE FROM CH 50 ALIGNMENT TO CENTER OF STRUCTURE.



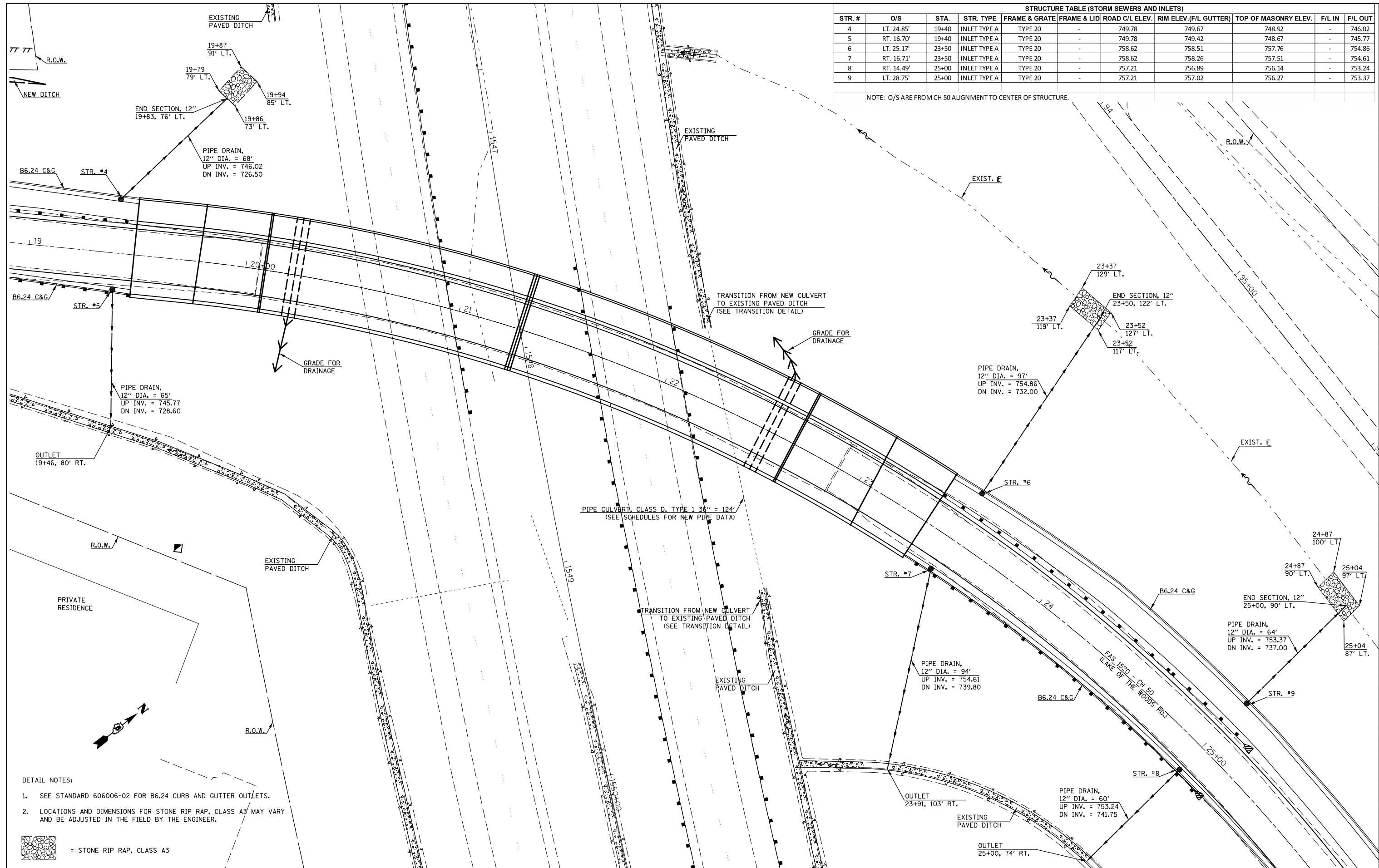
- DETAIL NOTES:
- SEE STANDARD 606006-02 FOR B6.24 CURB AND GUTTER OUTLETS.
 - LOCATIONS AND DIMENSIONS FOR STONE RIP RAP, CLASS A3 MAY VARY AND BE ADJUSTED IN THE FIELD BY THE ENGINEER.

 = STONE RIP RAP, CLASS A3

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN DETAILS CH 50 - LAKE OF THE WOODS RD.	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-drain.dgn	DRAWN BMC	REVISED -	74			10-4BR	CHAMPAIGN	290	65	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 70700							
PLOT DATE = 11/9/2012	DATE 5-2-12	REVISED -	ILLINOIS FED. AID PROJECT							

STRUCTURE TABLE (STORM SEWERS AND INLETS)										
STR. #	O/S	STA.	STR. TYPE	FRAME & GRATE	FRAME & LID	ROAD C/L ELEV.	RIM ELEV./F/L GUTTER	TOP OF MASONRY ELEV.	F/L IN	F/L OUT
4	LT. 24.85'	19+40	INLET TYPE A	TYPE 20	-	749.78	749.67	748.92	-	746.02
5	RT. 16.70'	19+40	INLET TYPE A	TYPE 20	-	749.78	749.42	748.67	-	745.77
6	LT. 25.17'	23+50	INLET TYPE A	TYPE 20	-	758.62	758.51	757.76	-	754.86
7	RT. 16.71'	23+50	INLET TYPE A	TYPE 20	-	758.62	758.26	757.51	-	754.61
8	RT. 14.49'	25+00	INLET TYPE A	TYPE 20	-	757.21	756.89	756.14	-	753.24
9	LT. 28.75'	25+00	INLET TYPE A	TYPE 20	-	757.21	757.02	756.27	-	753.37

NOTE: O/S ARE FROM CH 50 ALIGNMENT TO CENTER OF STRUCTURE.



- DETAIL NOTES:
- SEE STANDARD 606006-02 FOR B6.24 CURB AND GUTTER OUTLETS.
 - LOCATIONS AND DIMENSIONS FOR STONE RIP RAP, CLASS A3 MAY VARY AND BE ADJUSTED IN THE FIELD BY THE ENGINEER.

= STONE RIP RAP, CLASS A3

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 5-2-12	REVISED -

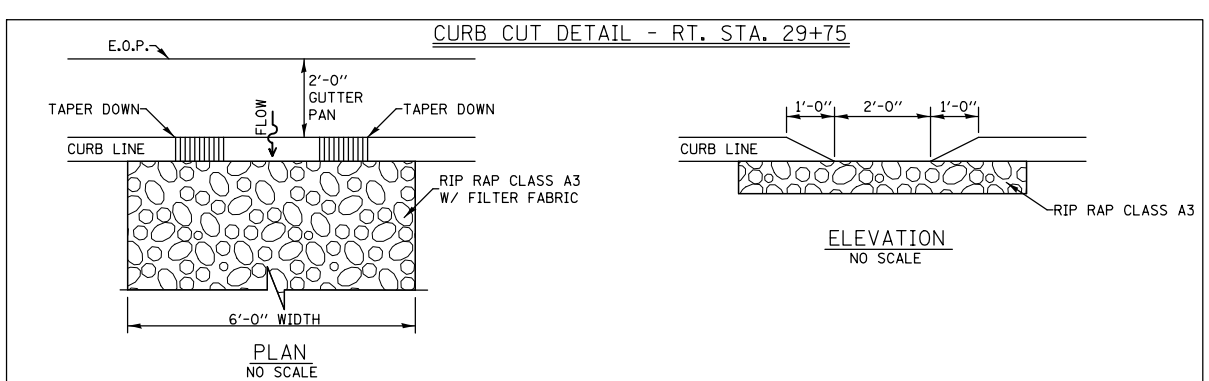
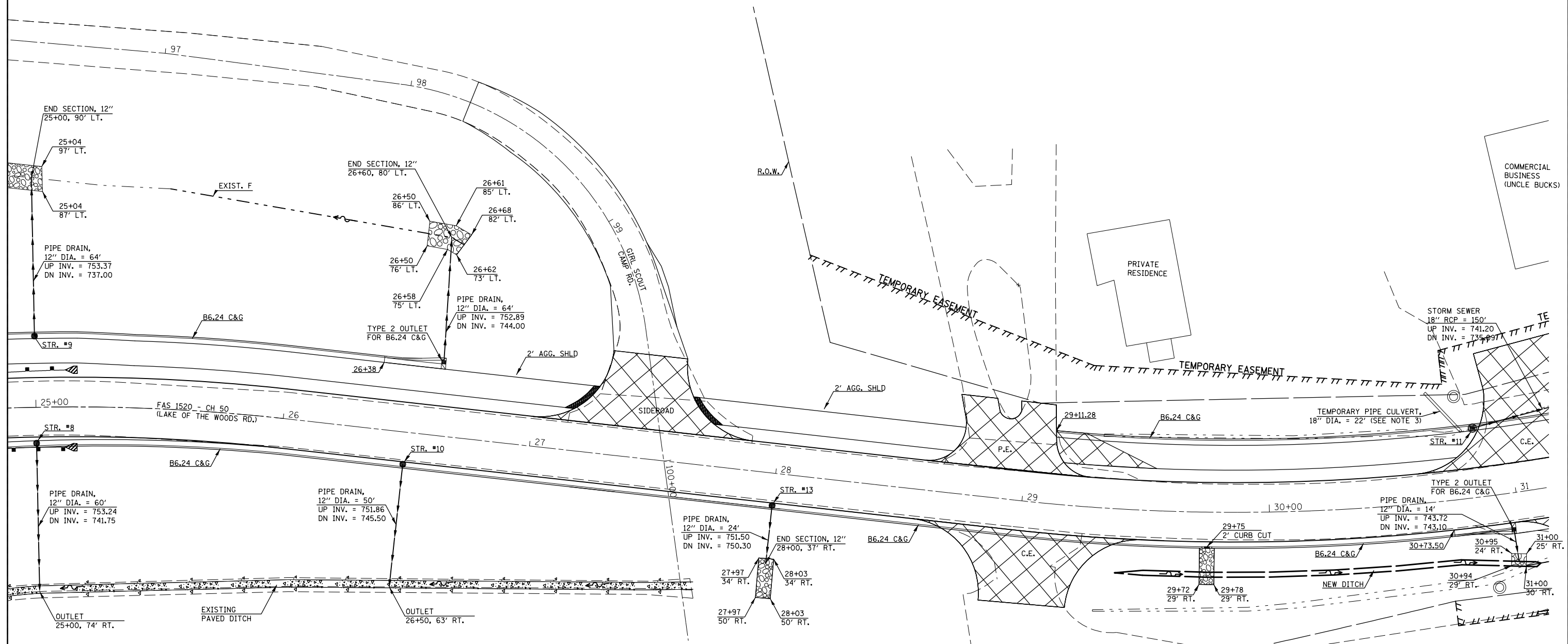
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN DETAILS
CH 50 - LAKE OF THE WOODS RD.
SCALE: N/A SHEET NO. 2 OF 4 SHEETS STA. ----- TO STA. -----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	66
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

STRUCTURE TABLE (STORM SEWERS AND INLETS)										
STR. #	O/S	STA.	STR. TYPE	FRAME & GRATE	FRAME & LID	ROAD C/L ELEV.	RIM ELEV.(F/L GUTTER)	TOP OF MASONRY ELEV.	F/L IN	F/L OUT
8	RT. 14.49'	25+00	INLET TYPE A	TYPE 20	-	757.21	756.89	756.14	-	753.24
9	LT. 28.75'	25+00	INLET TYPE A	TYPE 20	-	757.21	757.02	756.27	-	753.37
10	RT. 13.00'	26+50	INLET TYPE A	TYPE 20	-	755.81	755.51	754.75	-	751.86
11	LT. 28.00'	30+85	INLET TYPE B	TYPE 20	-	746.48	745.68	744.93	-	741.20
13	RT. 13.00'	28+00	INLET TYPE A	TYPE 20	-	754.40	754.10	753.35	-	750.30

NOTE: O/S ARE FROM CH 50 ALIGNMENT TO CENTER OF STRUCTURE.



- DETAIL NOTES:
- SEE STANDARD 606006-02 FOR B6.24 CURB AND GUTTER OUTLETS.
 - LOCATIONS AND DIMENSIONS FOR STONE RIP RAP, CLASS A3 MAY VARY AND BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - TEMPORARY PIPE CULVERTS SHALL BE INSTALLED DURING CONSTRUCTION OF TEMPORARY ACCESS ROADWAY PHASE II AND SHALL BE REMOVED WHEN TEMPORARY ACCESS ROADWAY PHASE II IS REMOVED. SEE TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS FOR ADDITIONAL INFORMATION.

FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
ce:\pwwork\pwwork\ceorlockbm\d0208368\0570700-sht-drain.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 5-2-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

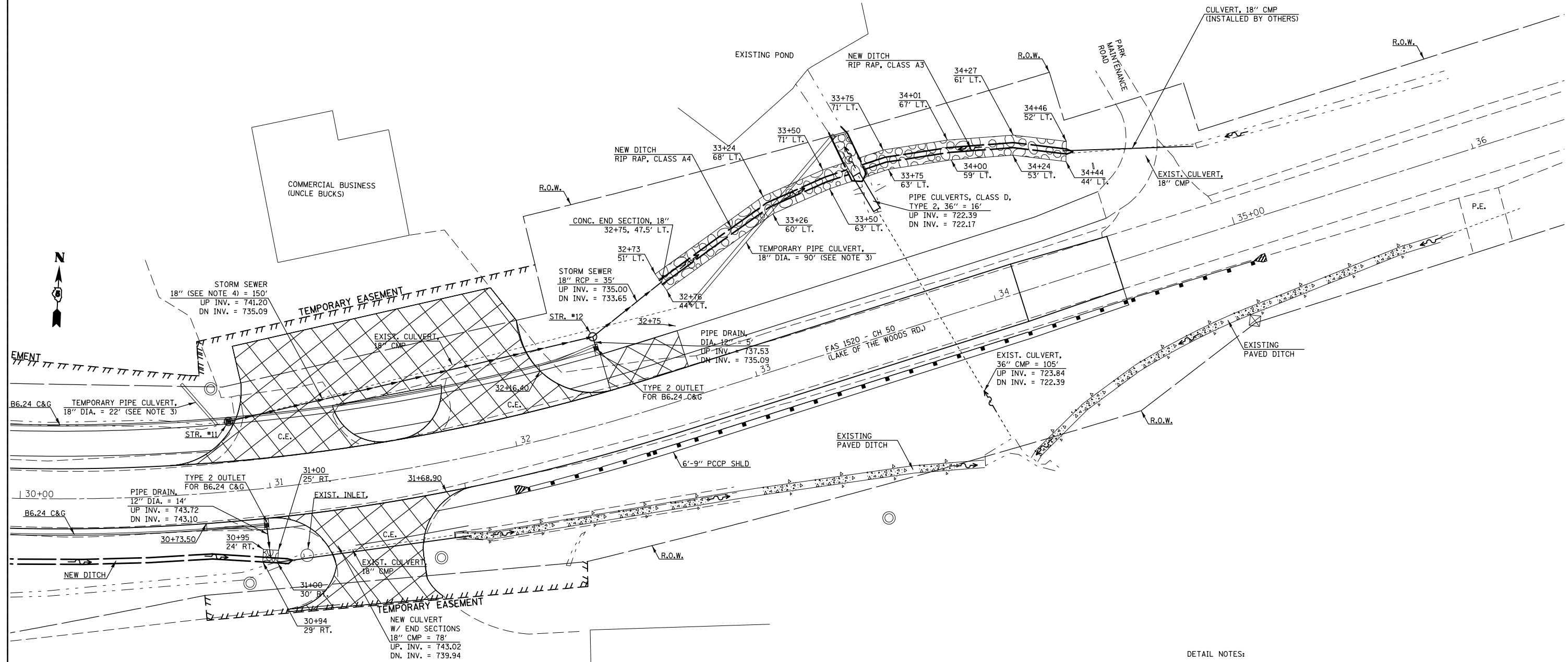
**DRAINAGE PLAN DETAILS
CH 50 - LAKE OF THE WOODS RD.**

SCALE: N/A SHEET NO. 3 OF 4 SHEETS STA. ----- TO STA. -----

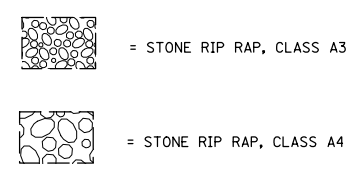
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	67
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

STRUCTURE TABLE (STORM SEWERS AND INLETS)										
STR. #	O/S	STA.	STR. TYPE	FRAME & GRATE	FRAME & LID	ROAD C/L ELEV.	RIM ELEV. (F/L GUTTER)	TOP OF MASONRY ELEV.	F/L IN	F/L OUT
11	LT. 28.00'	30+85	INLET TYPE B	TYPE 20	-	746.48	745.68	744.93	-	741.20
12	LT. 34.63'	32+41	INLET TYPE B	-	TYPE 1	740.54	739.00	738.25	735.09	735.00

NOTE: O/S ARE FROM CH 50 ALIGNMENT TO CENTER OF STRUCTURE.



- DETAIL NOTES:
- SEE STANDARD 606006-02 FOR B6.24 CURB AND GUTTER OUTLETS.
 - LOCATIONS AND DIMENSIONS FOR STONE RIP RAP, CLASS A3 MAY VARY AND BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - TEMPORARY PIPE CULVERTS SHALL BE INSTALLED DURING CONSTRUCTION OF TEMPORARY ACCESS ROADWAY PHASE II AND SHALL BE REMOVED WHEN TEMPORARY ACCESS ROADWAY PHASE II IS REMOVED. SEE TEMPORARY ACCESS ROADWAY PHASE I, II, & III DETAILS FOR ADDITIONAL INFORMATION.
 - DUE TO PROXIMITY TO EXISTING WATER MAIN STORM SEWER FROM STRUCTURE #11 TO STRUCTURE #12 SHALL BE RUBBER GASKET, CLASS A, TYPE 1 18".



FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED -
ce:\pw\work\p\midot\cealockbm\d0208368\0570700-sht-drain.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 5-2-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE PLAN DETAILS CH 50 - LAKE OF THE WOODS RD.		
SCALE: N/A	SHEET NO. 4 OF 4 SHEETS	STA. ----- TO STA. -----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	68
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

NOTES
 BEARINGS BASED ON ILLINOIS STATE PLANE COORDINATES, EAST ZONE NAD 83 (1997 ADJ.)
 RIGHT OF WAY MARKER FOUND
 IRON PIN OR PIPE FOUND
 EXISTING FENCE LINE
 RECORD DATA
 FIELD WORK COMPLETED = JANUARY 2012
 BASELINE OF OLD CH 50 DERIVED FROM 1952 CONSTRUCTION PLANS KNOWN AS SA RTE. 50 SECTION 204-1-MFT.



5761003
 JAMES A. AND KATHY S. PROUTY

PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 0.097 AC.±
 PURPOSE OF TEMPORARY EASEMENT: TEMPORARY SIDEROAD CONSTRUCTION, ENTRANCE CONSTRUCTION, TREE REMOVAL AND GRADING

5761004
 HEARTLAND BANK AND TRUST, TRUSTEE OF LAND TRUST HBT 217 DATED SEPTEMBER 25, 2000

PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 0.064 AC.±
 PURPOSE OF TEMPORARY EASEMENT: ENTRANCE CONSTRUCTION AND GRADING

CHAMPAIGN COUNTY FOREST PRESERVE DISTRICT

ROW AREA REQUIRED = 0.104 AC.±

FOR REFERENCE: SEE WARRANTY DEED RECORDED IN DEED BK. 516 PG. 224 IN CHAMPAIGN COUNTY RECORDER'S OFFICE

SUB-LOT 1 OF ALVIS RE-SUBDIVISION
 (PLAT BK. "J" PG. 56)

SEE DEDICATION OF RIGHT OF WAY TO THE PEOPLE OF CHAMPAIGN COUNTY RECORDED AS DOCUMENT NO. 2012R1430 IN CHAMPAIGN COUNTY RECORDER'S OFFICE

FOR REFERENCE: SEE WARRANTY DEED IN TRUST RECORDED AS DOCUMENT NO. 2007R09047 IN CHAMPAIGN COUNTY RECORDER'S OFFICE

FOR REFERENCE: SEE WARRANTY DEED RECORDED AS DOCUMENT NO. 2009R21802 IN CHAMPAIGN COUNTY RECORDER'S OFFICE

5761002
 ROY T. RILEY AND ELSIE M. RIDDLE

PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 1118 SQ. FT.±
 PURPOSE OF TEMPORARY EASEMENT: TREE REMOVAL AND GRADING

EXIST. CURVE DATA (1-74)
 PI STA. = 1551+12.40
 Δ = 17° 19' 01" (LT)
 D = 1° 08' 05"
 R = 5,049.11'
 T = 765.88'
 L = 1,525.03'
 E = 58.21'
 P.C. STA. = 1543+43.52
 P.T. STA. = 1558+69.55

EXIST. CURVE DATA (CH 50)
 PI STA. = 30+83.08
 Δ = 26° 08' 34" (LT)
 D = 7° 09' 01"
 R = 801.12'
 T = 186.01'
 L = 365.53'
 E = 21.31'
 P.C. STA. = 28+97.07
 P.T. STA. = 32+62.61

NW 1/4 SEC. 14, T. 20 N., R. 7 E. OF 3RD P.M.

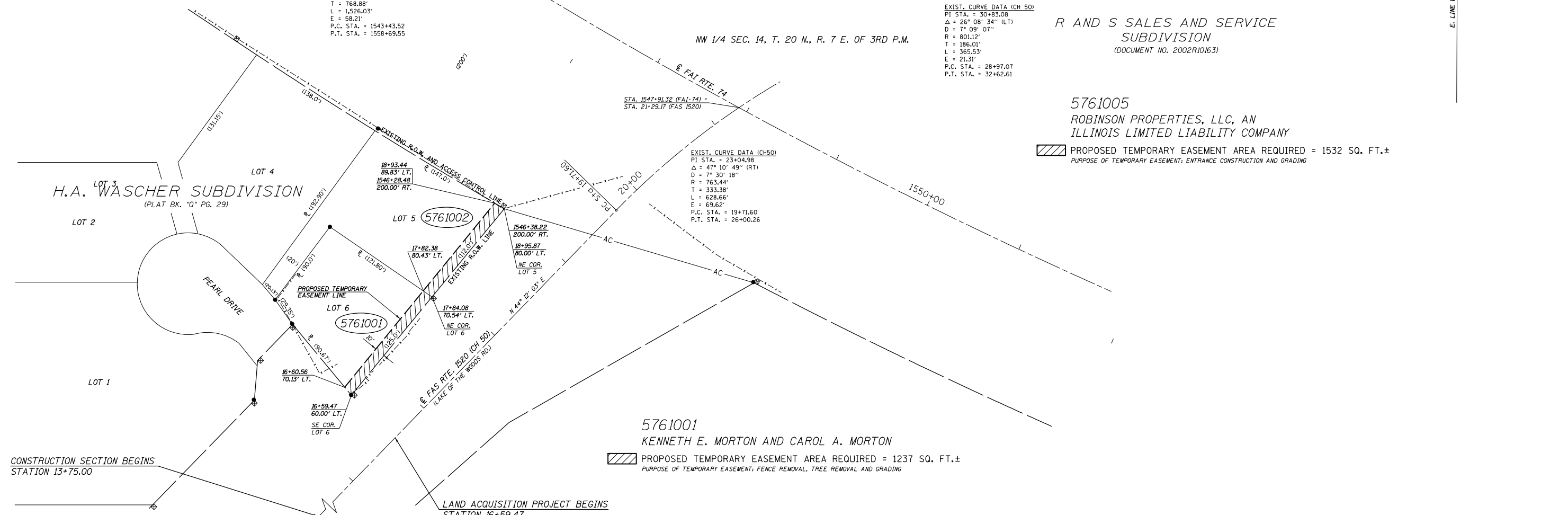
R AND S SALES AND SERVICE SUBDIVISION
 (DOCUMENT NO. 2002R10163)

5761005
 ROBINSON PROPERTIES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY

PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 1532 SQ. FT.±
 PURPOSE OF TEMPORARY EASEMENT: ENTRANCE CONSTRUCTION AND GRADING

5761001
 KENNETH E. MORTON AND CAROL A. MORTON

PROPOSED TEMPORARY EASEMENT AREA REQUIRED = 1237 SQ. FT.±
 PURPOSE OF TEMPORARY EASEMENT: FENCE REMOVAL, TREE REMOVAL AND GRADING



FILE NAME =	USER NAME = cealockbm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING R.O.W. AND TEMPORARY EASEMENTS PLAN CH 50 - LAKE OF THE WOODS ROAD			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\cealockbm\d0208368\0570700-sht-Temporary Easement details.dgn	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					74	10-4BR	CHAMPAIGN	290	69
\$MODELNAME\$	PLOT DATE = 11/9/2012	CHECKED -	REVISED -		SCALE: N/A SHEET 1 OF 1 SHEETS STA. ---- TO STA. ----			CONTRACT NO. 70700				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

20100110 TREE REMOVAL (6 - 15 UNITS DIAM.) STATE

STATION	O/S	DIAMETER	QTY.	UNITS
17+96.02	45.99 RT.	6.0	1.0	6.0
18+73.02	28.99 RT.	15.0	1.0	15.0
18+76.02	30.99 RT.	15.0	1.0	15.0
19+22.02	47.99 RT.	8.0	2.0	16.0
19+22.02	51.99 RT.	8.0	2.0	16.0
19+28.00	40.99 RT.	6.0	1.0	6.0
19+58.02	37.99 RT.	6.0	1.0	6.0
19+61.02	37.99 RT.	6.0	1.0	6.0
19+81.05	40.0 RT.	10.0	2.0	20.0
22+41.12	16.2 RT.	8.0	1.0	8.0
22+55.96	38.2 LT.	12.0	1.0	12.0
22+71.28	65.7 LT.	12.0	1.0	12.0
22+74.24	27.1 LT.	12.0	1.0	12.0
22+88.05	55.2 LT.	12.0	1.0	12.0
22+99.56	32.2 LT.	8.0	1.0	8.0
23+24.22	33.2 RT.	6.0	1.0	6.0
23+25.45	33.0 RT.	6.0	1.0	6.0
23+44.45	32.0 RT.	6.0	1.0	6.0
24+57.10	29.8 RT.	8.0	1.0	8.0
25+21.03	27.5 RT.	10.0	1.0	10.0
25+33.12	34.0 RT.	10.0	2.0	20.0
25+63.75	32.1 RT.	10.0	2.0	20.0
25+85.29	33.1 RT.	10.0	2.0	20.0
25+93.19	29.9 RT.	6.0	1.0	6.0
26+16.00	36.4 RT.	8.0	3.0	24.0
26+23.47	49.7 RT.	10.0	1.0	10.0
26+33.97	30.2 RT.	10.0	1.0	10.0
26+34.03	28.4 RT.	8.0	2.0	16.0
26+83.71	31.8 RT.	6.0	1.0	6.0
26+91.49	31.3 RT.	12.0	1.0	12.0
26+92.61	26.6 RT.	6.0	2.0	12.0
27+57.36	26.9 RT.	8.0	1.0	8.0
27+58.96	29.5 RT.	8.0	1.0	8.0
30+55.25	49.0 LT.	10.0	1.0	10.0
31+99.80	29.5 RT.	10.0	2.0	20.0
32+17.06	31.3 RT.	6.0	1.0	6.0
32+17.86	31.8 RT.	8.0	1.0	8.0
32+26.61	33.0 RT.	10.0	1.0	10.0
32+28.27	28.7 RT.	10.0	1.0	10.0

State Sub-Total = 442.0

20100110 TREE REMOVAL (6 - 15 UNITS DIAM.) STATE

STATION	O/S	DIAMETER	QTY.	UNITS
19+02.40	44.6 LT.	6.0	1.0	6.0
19+14.98	41.3 LT.	8.0	1.0	8.0
19+22.49	42.4 LT.	12.0	1.0	12.0
19+32.46	69.8 LT.	8.0	1.0	8.0
19+56.18	47.7 LT.	12.0	1.0	12.0
19+66.38	36.9 LT.	8.0	1.0	8.0
28+52.75	45.7 LT.	8.0	1.0	8.0
32+71.31	51.9 LT.	8.0	1.0	8.0
32+74.40	49.7 LT.	6.0	1.0	6.0
32+85.87	43.3 LT.	6.0	1.0	6.0
32+86.61	43.8 LT.	10.0	1.0	10.0
32+86.82	42.5 LT.	6.0	1.0	6.0
32+93.44	34.4 LT.	8.0	1.0	8.0
33+11.71	36.9 LT.	8.0	1.0	8.0
33+12.07	37.2 LT.	8.0	1.0	8.0
33+20.26	31.3 LT.	10.0	1.0	10.0
33+29.41	83.1 LT.	6.0	1.0	6.0
33+31.69	35.5 LT.	8.0	1.0	8.0
33+41.04	37.2 LT.	8.0	1.0	8.0
33+80.85	35.9 LT.	15.0	1.0	15.0
34+20.96	64.3 LT.	15.0	1.0	15.0
34+33.09	36.4 LT.	15.0	1.0	15.0

State Sub-Total = 199.0

State Total = 641.0

20100110 TREE REMOVAL (6 - 15 UNITS DIAM.) VILLAGE OF MAHOMET

STATION	O/S	DIAMETER	QTY.	UNITS
14+77.40	28.0 LT.	10.0	1.0	10.0
16+09.67	24.7 LT.	12.0	1.0	12.0
16+10.47	32.3 LT.	6.0	1.0	6.0
16+23.05	28.3 LT.	12.0	1.0	12.0
16+46.66	32.2 LT.	6.0	1.0	6.0
16+53.51	35.8 LT.	8.0	1.0	8.0
16+87.73	34.6 LT.	6.0	1.0	6.0
16+97.41	62.3 LT.	12.0	1.0	12.0
17+35.29	44.3 LT.	12.0	1.0	12.0
17+39.35	46.9 LT.	10.0	1.0	10.0
17+46.31	45.9 LT.	6.0	1.0	6.0
17+49.31	60.8 LT.	8.0	1.0	8.0
17+53.75	61.6 LT.	6.0	1.0	6.0
17+57.92	72.0 LT.	12.0	1.0	12.0
17+67.92	24.2 LT.	12.0	1.0	12.0
18+05.96	77.6 LT.	6.0	1.0	6.0
18+12.87	79.9 LT.	9.0	1.0	9.0
18+16.99	72.2 LT.	6.0	1.0	6.0
18+27.75	78.3 LT.	6.0	1.0	6.0
18+36.97	66.8 LT.	6.0	1.0	6.0
18+46.30	79.1 LT.	6.0	1.0	6.0
18+48.84	30.0 LT.	6.0	1.0	6.0

Village of Mahomet Total = 183.0

PROJECT TOTAL = 824.0

20100210 TREE REMOVAL (15 + UNITS DIAM.) STATE

STATION	OFFSET	DIAMETER	QTY.	UNITS
19+00.02	32.0 RT.	30.0	1.0	30.0
19+13.73	68.6 LT.	48.0	1.0	48.0
19+40.02	35.0 RT.	30.0	1.0	30.0
29+55.68	54.0 LT.	40.0	1.0	40.0
34+30.13	36.9 LT.	24.0	1.0	24.0
34+42.84	47.0 LT.	18.0	1.0	18.0

State Total = 190.0

20100210 TREE REMOVAL (15 + UNITS DIAM.) VILLAGE OF MAHOMET

STATION	OFFSET	DIAMETER	QTY.	UNITS
16+65.62	65.0 LT.	20.0	1.0	20.0
16+88.99	63.3 LT.	24.0	1.0	24.0
17+80.58	72.6 LT.	24.0	1.0	24.0
18+70.00	81.0 LT.	36.0	1.0	36.0

Village of Mahomet Total = 104.0

PROJECT TOTAL = 294.0

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF REMOVAL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pw\work\p\midot\ceerlockbm\d0208368\0570700-sht-removal_plan.dgn	DRAWN BMC	REVISIONS -	74					10-4BR	CHAMPAIGN	290	70		
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS -	SCALE: N/A			SHEET NO. 1 OF 3 SHEETS		STA. ----- TO STA. -----		CONTRACT NO. 70700			
PLOT DATE = 11/26/2012	DATE 04-26-12	REVISIONS -	ILLINOIS FED. AID PROJECT										

44000100 PAVEMENT REMOVAL

STATION TO	STATION	LENGTH	WIDTH	SQ. YD.
18+00.00	20+06.00	206.0	22.0	503.6
22+88.00	34+50.00	1162.0	22.0	2840.4

PROJECT TOTAL = 3344.0

44000200 DRIVEWAY PAVEMENT REMOVAL

STATION	ENTRANCE TYPE	SQ. YD.
LT. 27+47.00	SIDEROAD	94.0
LT. 28+97.00	PRIVATE ENTRANCE	63.9
RT. 29+05.00	COMM. ENTRANCE	113.4
RT. 31+41.00	COMM. ENTRANCE	223.2
LT. 31+55.00	COMM. ENTRANCE	440.3

PROJECT TOTAL = 934.8
USE = 935.0

NOTE: AREAS WERE OBTAINED FROM CADD

44004000 PAVED DITCH REMOVAL

CH 50		
STATION TO	STATION	LENGTH
RT. 31+69.00	RT. 31+74.00	5.0
LT. 32+83.50	LT. 33+58.00	78.2
LT. 33+73.00	LT. 34+53.00	82.4

Sub-Total = 166.0

FAI-74

STATION TO	STATION	LENGTH
LT. 1547+96	LT. 1548+06	10.0
LT. 1549+30	LT. 1549+40	10.0

Sub-Total = 20.0

PROJECT TOTAL = 186.0

44004250 PAVED SHOULDER REMOVAL

STATION TO	STATION	LENGTH	AVG. WIDTH	SQ. YD.
18+00	19+00	100.0	5.0	55.6
19+00	20+06	106.0	3.0	35.3
23+00	24+00	100.0	3.0	33.3
24+00	25+00	100.0	5.0	55.6
25+00	26+00	100.0	4.0	44.4
26+00	27+00	100.0	3.5	38.9
27+00	28+00	100.0	4.0	44.4
28+00	28+76	76.0	4.5	38.0

PROJECT TOTAL = 345.6
USE = 346.0

50100100 REMOVE EXISTING STRUCTURE

STATION TO	STATION	QTY.
20+06	22+88	1.0

PROJECT TOTAL = 1.0

50104400 CONCRETE HEADWALL REMOVAL

CH 50		
STATION	Q/S	QTY.
RT. 31+69.00	29.5 RT.	1.0
LT. 32+83.50	35.3 LT.	1.0
Sub-Total =		2.0

FAI-74		
STATION	Q/S	QTY.
LT. 1548+06.19	84.86' LT.	1.0
LT. 1549+29.64	87.62' LT.	1.0
Sub-Total =		2.0

PROJECT TOTAL = 4.0

50105220 PIPE CULVERT REMOVAL

CH 50					
STATION	Q/S	TO	STATION	Q/S	PIPE LENGTH
30+67.00	44.0 LT.		30+81.00	27.0 LT.	22.0
30+80.90	27.1 LT.		32+83.68	35.3 LT.	195.5
31+11.47	28.5 RT.		31+69.53	29.6 RT.	59.5
32+83.00	35.0 LT.		33+50.00	83.0 LT.	89.0
Sub-Total =					366.0

FAI-74					
STATION	Q/S	TO	STATION	Q/S	PIPE LENGTH
1548+05.77	84.85 LT.		1549+30.31	87.85 LT.	123.0
Sub-Total =					123.0

PROJECT TOTAL = 489.0

60500050 REMOVING CATCH BASINS

STATION	Q/S	QTY.
31+11.47	28.5 RT.	1.0

PROJECT TOTAL = 1.0

63200310 GUARDRAIL REMOVAL

CH 50

STATION	TO	STATION	LENGTH
LT. 14+65.19		LT. 20+04.38	539.2
RT. 13+63.48		RT. 20+05.94	642.5
LT. 22+90.54		LT. 27+17.23	426.7
RT. 22+90.40		RT. 28+75.23	584.8
RT. 31+73.15		RT. 34+95.41	322.3
LT. 32+82.96		LT. 34+50.68	167.7
Sub-Total =			2683.2

FAI 74

STATION	TO	STATION	LENGTH
RT. 1544+89.00		RT. 1547+60.12	271.1
LT. 1548+13.45		LT. 1551+96.81	383.4
Sub-Total =			654.5

PROJECT TOTAL = 3337.6
USE = 3338.0

Z0022800 FENCE REMOVAL - VILLAGE OF MAHOMET

STATION	O/S	TO	STATION	O/S	LENGTH (FT.)
16+61.00	60.9	LT.	17+61.00	64.4	62.0
Village of Mahomet Total =					62.0

Z0022800 FENCE REMOVAL - STATE

STATION	O/S	TO	STATION	O/S	LENGTH (FT.)
18+94.96	80.8	LT.	19+99.37	19.2	123.0
19+99.00	18.4	RT.	20+05.00	52.0	33.0
22+69.00	59.0	LT.	22+95.38	18.7	50.0
22+96.30	18.1	RT.	23+97.49	95.6	121.4
State Total =					328.0

PROJECT TOTAL = 390.0






X6430120 REMOVE IMPACT ATTENUATOR, NO SALVAGE

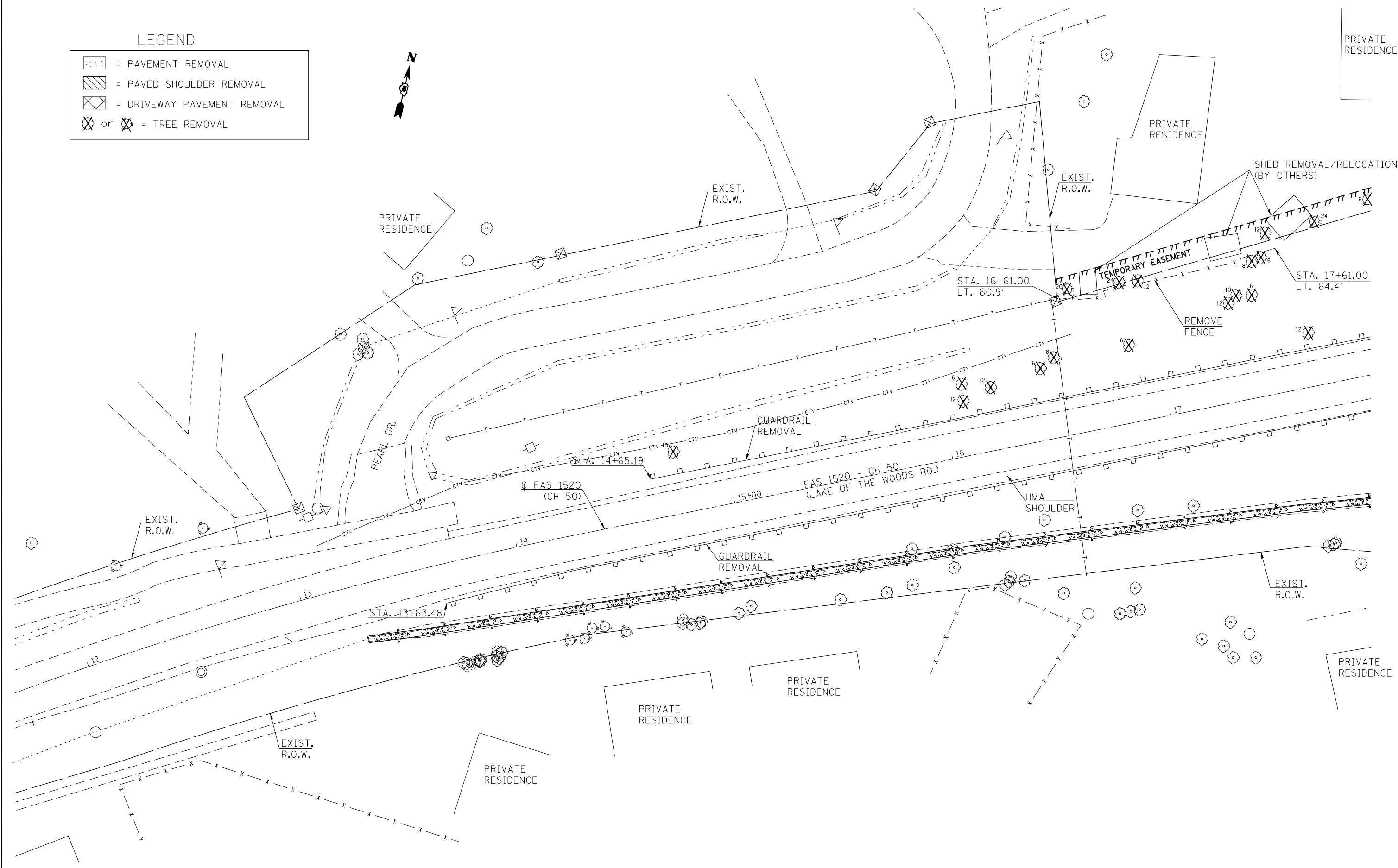
FAI-74

STATION	EACH
1547+80	1.0
1548+00	1.0

PROJECT TOTAL = 2.0

LEGEND

-  = PAVEMENT REMOVAL
-  = PAVED SHOULDER REMOVAL
-  = DRIVEWAY PAVEMENT REMOVAL
-  or  = TREE REMOVAL



FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 04-26-12	REVISED -






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

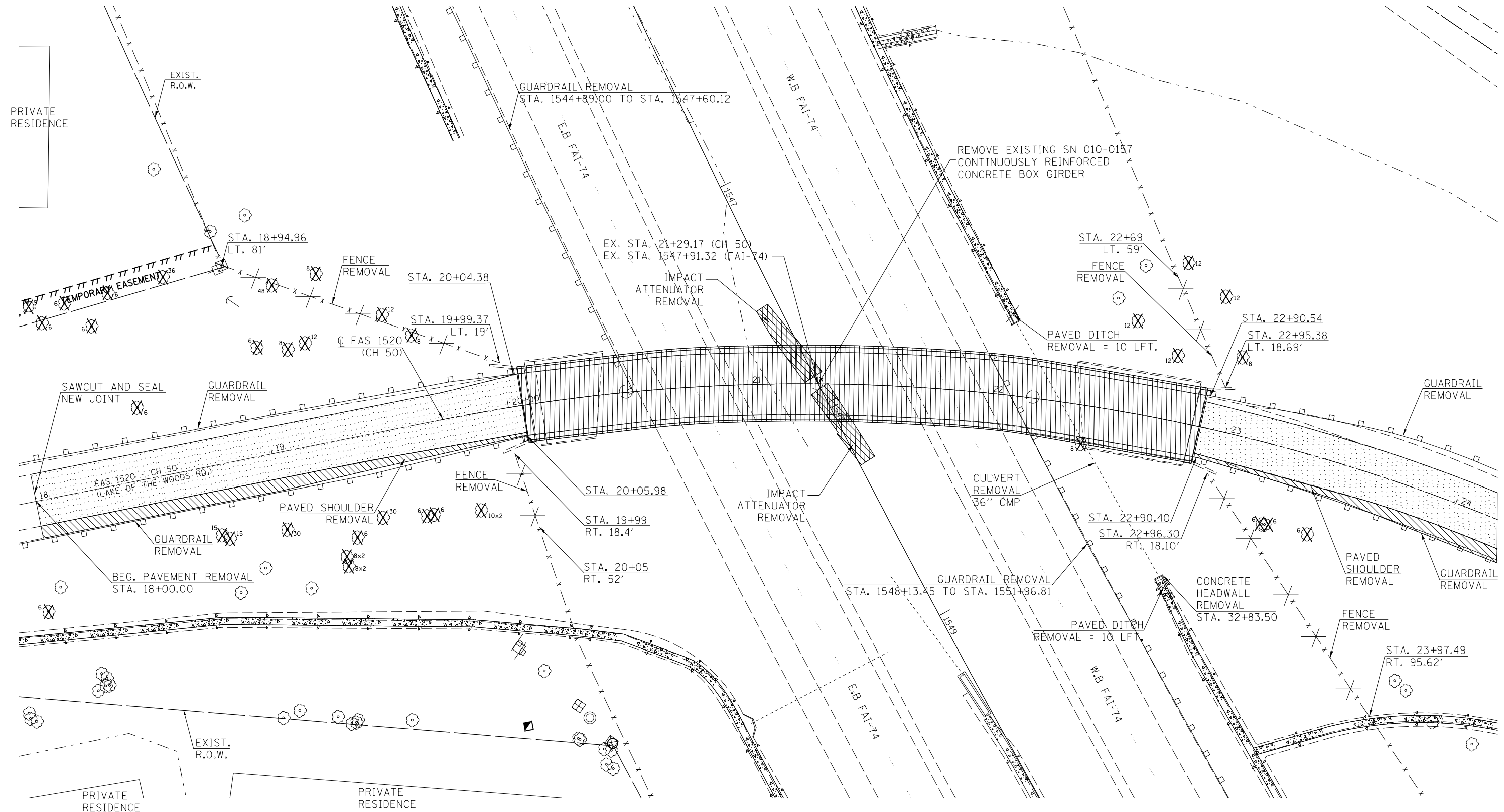
REMOVAL DETAILS

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. 12+00.00 TO STA. 18+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	73
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

LEGEND

-  = PAVEMENT REMOVAL
-  = PAVED SHOULDER REMOVAL
-  = DRIVEWAY PAVEMENT REMOVAL
-  or  = TREE REMOVAL



FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED -
ce:\pw\work\p\midot\cealockbm\d0208368\0570700-sht-removal-plan.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 04-26-12	REVISED -






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

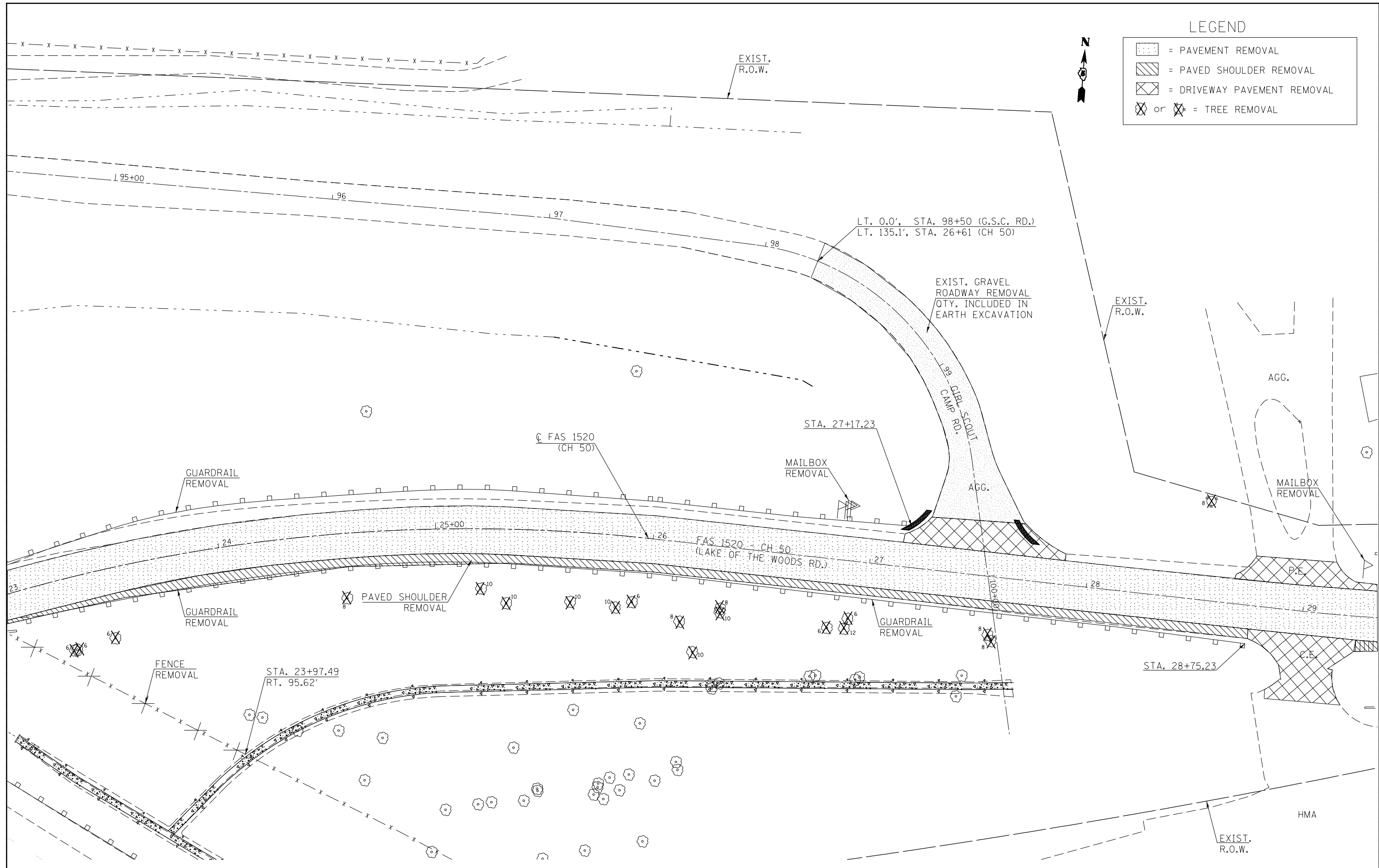
REMOVAL DETAILS

SCALE: N/A SHEET NO. 2 OF 4 SHEETS STA. 18+00.00 TO STA. 24+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	74
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

LEGEND

-  = PAVEMENT REMOVAL
-  = PAVED SHOULDER REMOVAL
-  = DRIVEWAY PAVEMENT REMOVAL
-  or  = TREE REMOVAL








FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -
ce:\pw\work\p\dot\ceerlockbm\d0208368\0570700-sht-removal.plan.dgn		DRAWN BMC	REVISED -
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	PLOT DATE = 11/9/2012	DATE 04-26-12	REVISED -

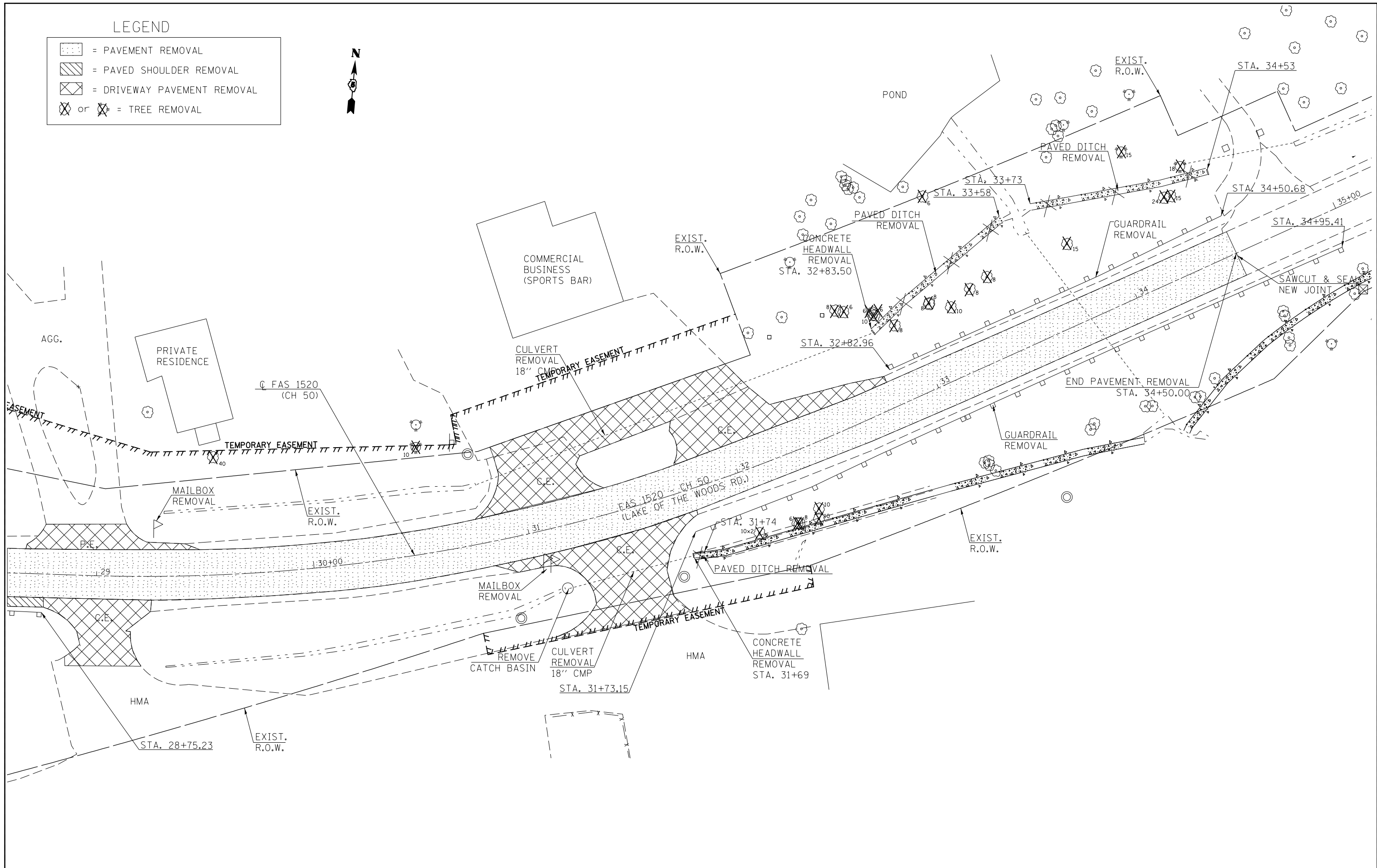
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL DETAILS		
SCALE: N/A	SHEET NO. 3 OF 4 SHEETS	STA. 23+00.00 TO STA. 28+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	75
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	

LEGEND

-  = PAVEMENT REMOVAL
-  = PAVED SHOULDER REMOVAL
-  = DRIVEWAY PAVEMENT REMOVAL
-  or  = TREE REMOVAL



FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED -
ce:\pwork\pwork\cealockbm\d0208368\0570700-sht-removal_plan.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 04-26-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

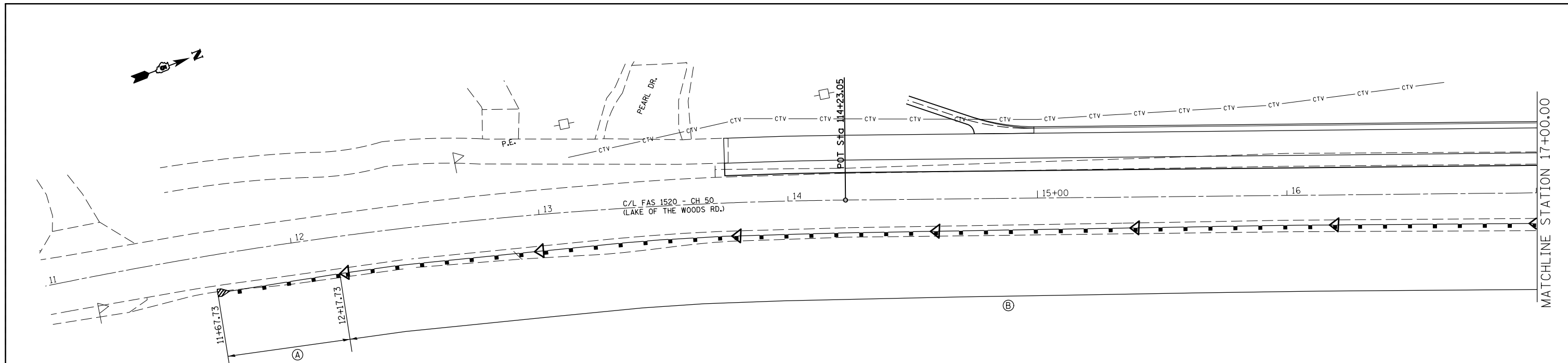
REMOVAL DETAILS		
SCALE: N/A	SHEET NO. 4 OF 4 SHEETS	STA. 29+00.00 TO STA. 35+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	76
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

GUARDRAIL, TRAFFIC BARRIER & MARKERS SCHEDULES

STATION TO STATION	63000001 SPB GUARDRAIL TY A 6 FT POSTS (FOOT)	63100045 TRAFFIC BARRIER TERM., TYPE 2 (EACH)	63100085 TRAFFIC BARRIER TERM., TYPE 6 (EACH)	63100167 TRAFFIC BARRIER TERM., TYPE 1 (SPL) IAN (EACH)	63100169 TRAFFIC BARRIER TERM. TYPE 1 FLARED (EACH)	63500105 DELINEATORS (EACH)	78200410 GRDRL MRK, A (EACH)	78200520 BARR. WALL MRK B (EACH)	78200530 BARR. WALL MRK C (EACH)	78201000 TERM MRK DA (EACH)
<u>CH 50</u>										
RT. 11+67.73	12+17.73	-	-	-	1.0	-	-	-	-	1.0
RT. 12+17.73	19+05.23	687.5	-	-	-	-	9.0	-	-	-
RT. 19+05.23	19+48.38	-	-	1.0	-	-	1.0	-	-	-
RT. 19+48.38	23+35.98	-	-	-	-	-	-	4.0	4.0	-
RT. 23+35.98	23+79.13	-	-	1.0	-	-	1.0	-	-	-
RT. 23+79.13	24+66.63	87.5	-	-	-	-	1.0	-	-	-
RT. 24+66.63	25+16.63	-	-	-	1.0	-	1.0	-	-	1.0
RT. 31+95.50	32+45.50	-	-	-	1.0	-	-	-	-	1.0
RT. 32+45.50	34+50.00	204.5	-	-	-	-	3.0	-	-	-
RT. 34+50.00	35+00.00	-	-	-	1.0	-	1.0	-	-	1.0
LT. 18+42.73	18+92.73	-	-	-	1.0	-	-	-	-	1.0
LT. 18+92.73	19+05.23	12.5	-	-	-	-	1.0	-	-	-
LT. 19+05.23	19+48.38	-	-	1.0	-	-	-	-	-	-
LT. 19+48.38	23+35.98	-	-	-	-	-	-	5.0	5.0	-
LT. 23+35.98	23+79.13	-	-	1.0	-	-	-	-	-	-
LT. 23+79.13	24+66.63	87.5	-	-	-	-	2.0	-	-	-
LT. 24+66.63	25+16.63	-	-	-	1.0	-	-	-	-	1.0
<u>FAL 74</u>										
RT. 1544+75.72	1545+25.72	-	-	-	-	1.0	-	-	-	1.0
RT. 1545+25.72	1548+13.22	287.5	-	-	-	-	1.0	7.0	-	-
RT. 1548+13.22	1548+25.72	-	1.0	-	-	-	-	-	-	-
LT. 1547+63.27	1547+75.77	-	1.0	-	-	-	-	-	-	-
LT. 1547+75.77	1550+50.77	275.0	-	-	-	1.0	7.0	-	-	-
LT. 1550+50.77	1551+00.77	-	-	-	-	1.0	-	-	-	1.0
LT. 1547+92.50	1548+05.00	-	1.0	-	-	-	-	-	-	-
LT. 1548+05.00	1551+30.00	275.0	-	-	-	1.0	6.0	-	-	-
LT. 1551+30.00	1551+80.00	-	-	-	1.0	-	-	-	-	1.0
PROJECT TOTAL =		1917.0	3.0	4.0	7.0	2.0	3.0	40.0	9.0	9.0

FILE NAME =	USER NAME = ceerlockbm	DESIGNED BMC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL & BARRIER WALL SCHEDULES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ei:\pwork\pwork\ceerlockbm\d0208368\0570700-sht-g-rail.dgn	DRAWN BMC	REVISED -	74					10-4BR	CHAMPAIGN	290	77	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	SCALE: N/A			SHEET NO. 1 OF 1 SHEETS		STA. --- TO STA. ---		CONTRACT NO. 70700		
PLOT DATE = 11/9/2012	DATE 5-3-12	REVISED -	ILLINOIS FED. AID PROJECT									



DETAIL NOTES

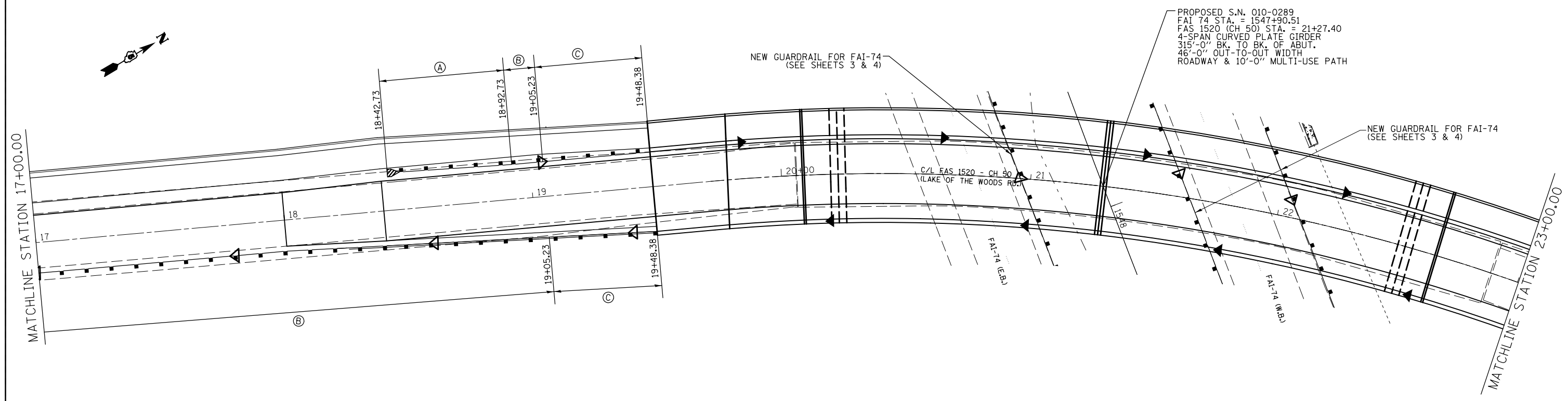
Drawings are not to scale.

Shoulder Widening for Type 1 (Special) Terminals shall be constructed prior to construction of new guardrail. See Standard 630301-05 for Details.

Shoulder Widening shall be seeded with Class 2 and Class 7 Seed after completion.

- * GUARDRAIL MARKERS
 - ◁ GUARDRAIL MARKERS
 - ◄ BARRIER WALL MARKERS
 - ▴ TERMINAL MARKER DA
- * SEE STD(S): 635006-03
635011-02

- (A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (B) STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FT POST
- (C) TRAFFIC BARRIER TERMINAL, TYPE 6



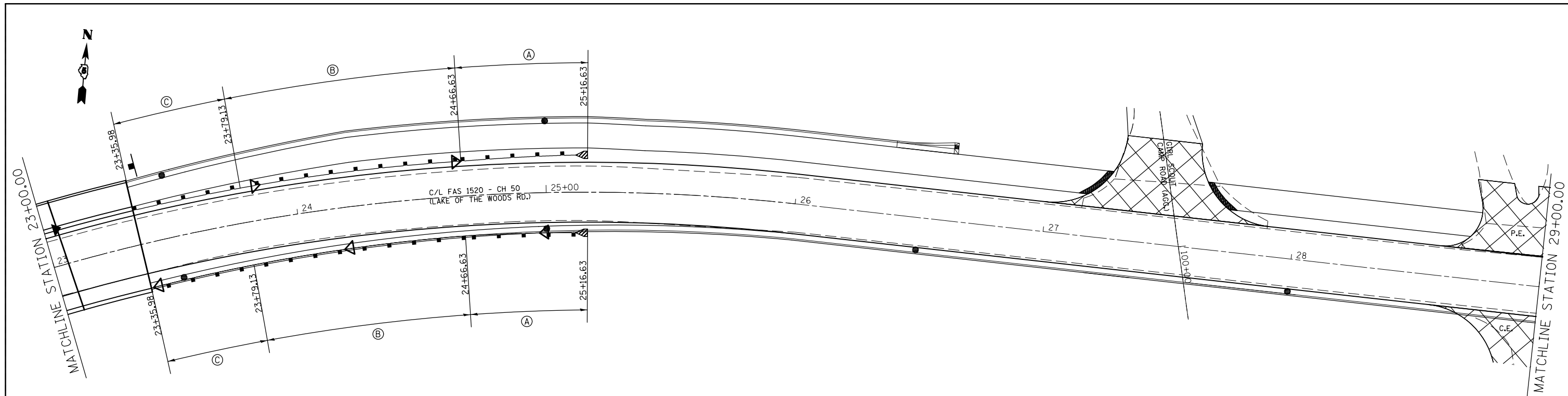
FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
ei:\pwwork\pwwork\ceorlockbm\d0208368\0570700-sht-g-rail.dgn		DRAWN BMC	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 5-3-12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. 11+00.00 TO STA. 23+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	78
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				



* GUARDRAIL MARKERS

◁ GUARDRAIL MARKERS

◀ BARRIER WALL MARKERS

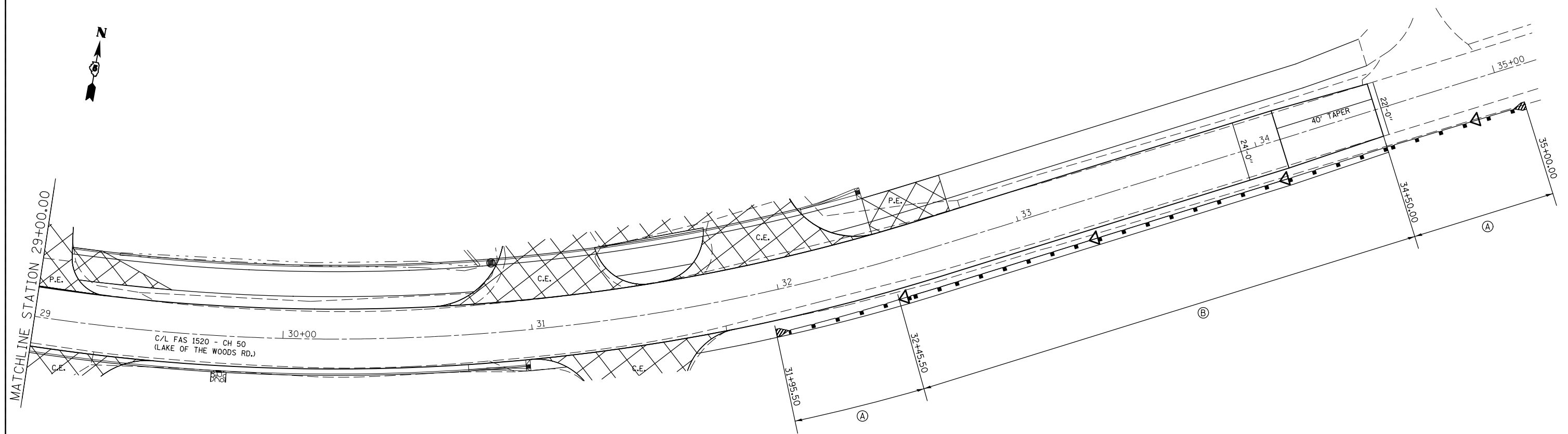
▽ TERMINAL MARKER DA

* SEE STD(S): 635006-03
635011-02

(A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

(B) STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FT POST

(C) TRAFFIC BARRIER TERMINAL, TYPE 6



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL DETAILS

SCALE: N/A SHEET NO. 2 OF 4 SHEETS STA. 23+00.00 TO STA. 35+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	79
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

DETAIL NOTES

Drawings are not to scale.

Shoulder Widening for Type 1 (Special) Terminals shall be constructed prior to construction of new guardrail. See Standard 630301-05 for Details.

Shoulder Widening shall be seeded with Class 2 and Class 7 Seed after completion.

* GUARDRAIL MARKERS

◁ GUARDRAIL MARKERS

◄ BARRIER WALL MARKERS

◄ TERMINAL MARKER DA

* SEE STD(S): 635006-03
635011-02

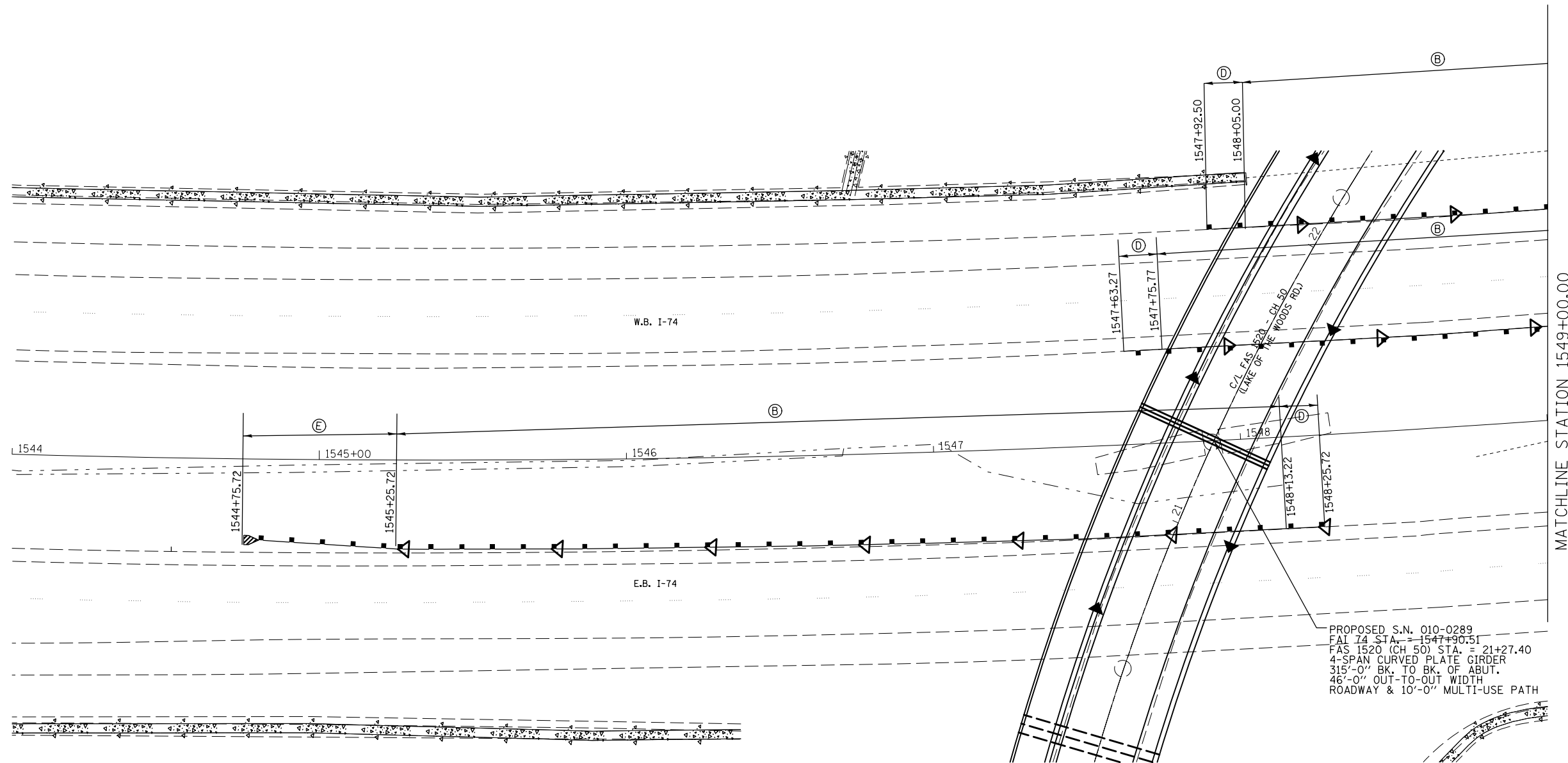
(A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

(B) STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FT POST

(C) TRAFFIC BARRIER TERMINAL, TYPE 6

(D) TRAFFIC BARRIER TERMINAL, TYPE 2

(E) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED



PROPOSED S.N. 010-0289
 FAS 74 STA. = 1547+90.51
 FAS 1520 (CH 50) STA. = 21+27.40
 4-SPAN CURVED PLATE GIRDER
 315'-0" BK. TO BK. OF ABUT.
 46'-0" OUT-TO-OUT WIDTH
 ROADWAY & 10'-0" MULTI-USE PATH



FILE NAME =	USER NAME = ceorlockbm	DESIGNED BMC	REVISED -
ei:\pw\work\p\dot\ceorlockbm\d0208368\0570700-sht-g-rail.dgn		DRAWN BMC	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 11/9/2012	DATE 5-3-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: N/A SHEET NO. 3 OF 4 SHEETS STA. 11+00.00 TO STA. 23+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	80
CONTRACT NO. 70700				
ILLINOIS FED. AID PROJECT				

DETAIL NOTES

Drawings are not to scale.

Shoulder Widening for Type 1 (Special) Terminals shall be constructed prior to construction of new guardrail. See Standard 630301-05 for Details.

Shoulder Widening shall be seeded with Class 2 and Class 7 Seed after completion.

* GUARDRAIL MARKERS

◁ GUARDRAIL MARKERS

◄ BARRIER WALL MARKERS

▽ TERMINAL MARKER DA

* SEE STD(S): 635006-03
635011-02

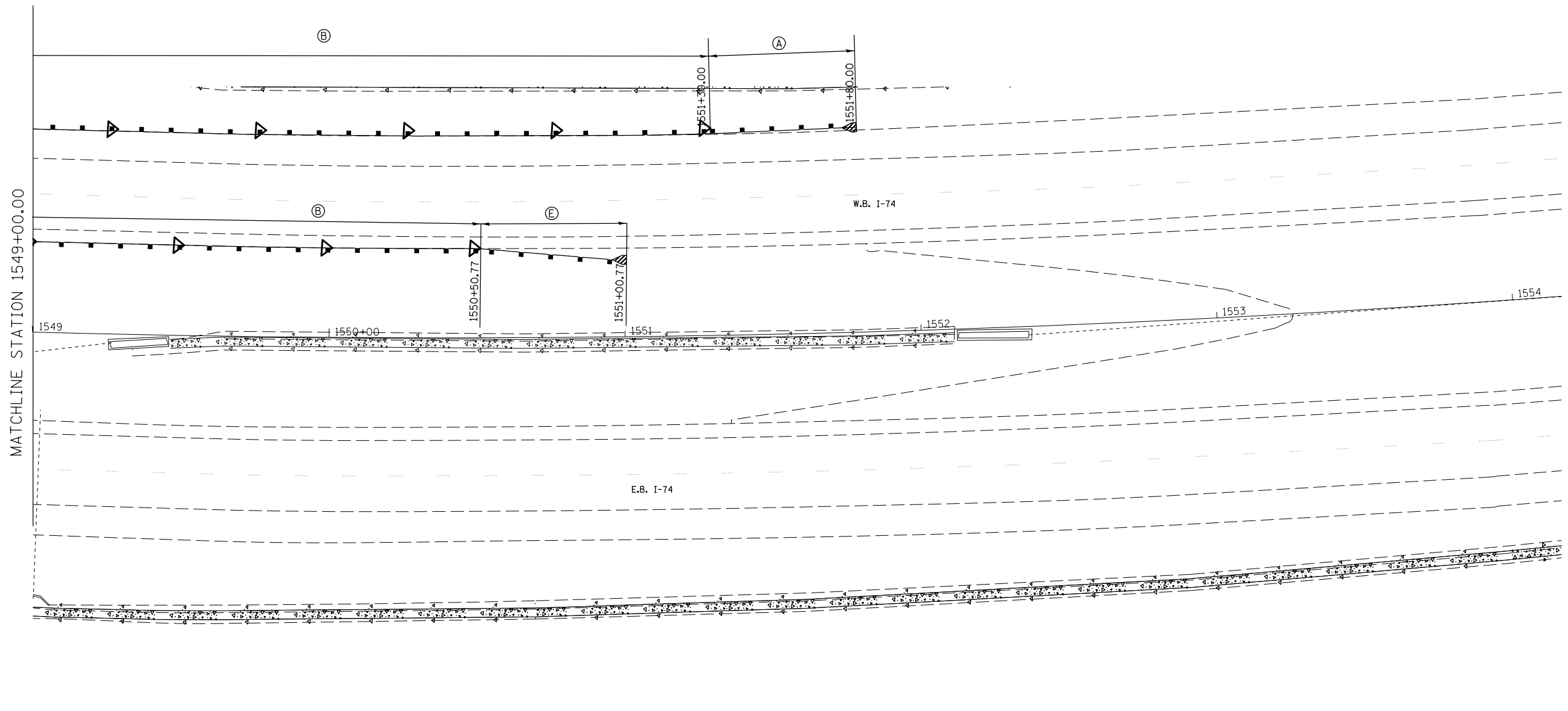
(A) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

(B) STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FT POST

(C) TRAFFIC BARRIER TERMINAL, TYPE 6

(D) TRAFFIC BARRIER TERMINAL, TYPE 2

(E) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED



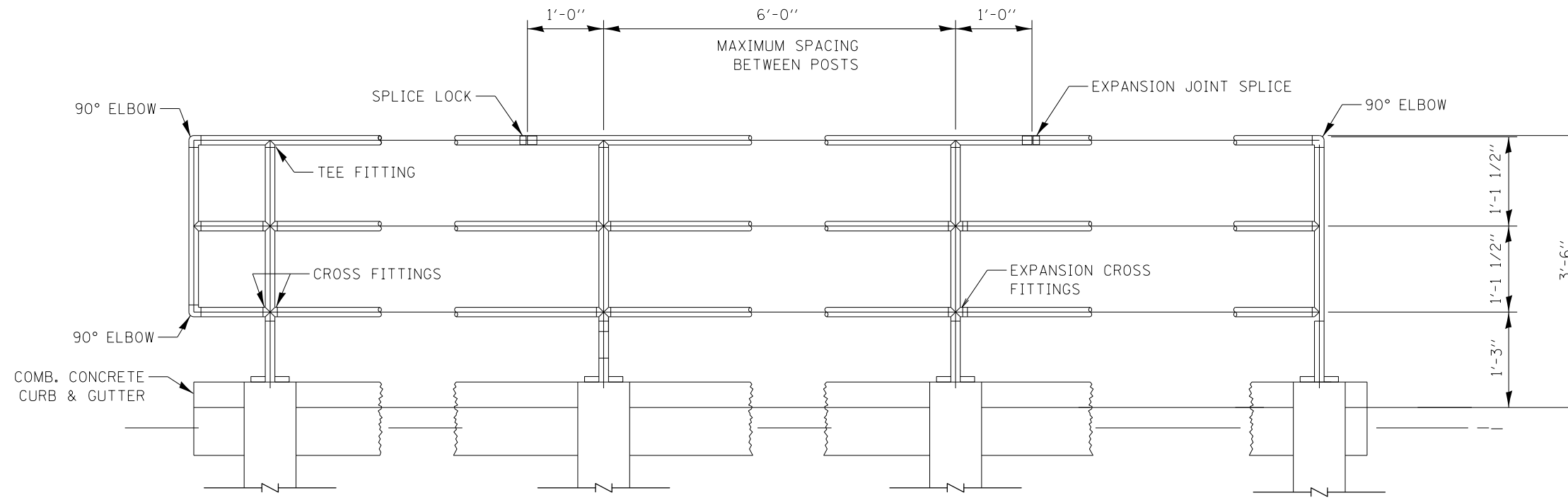
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ei:\pw\work\p\midot\ceerlockbm\d0208368\0570700-sht-g-rail.dgn		DRAWN BMC	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 11/9/2012		DATE 5-3-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: N/A SHEET NO. 4 OF 4 SHEETS STA. 11+00.00 TO STA. 23+00.00

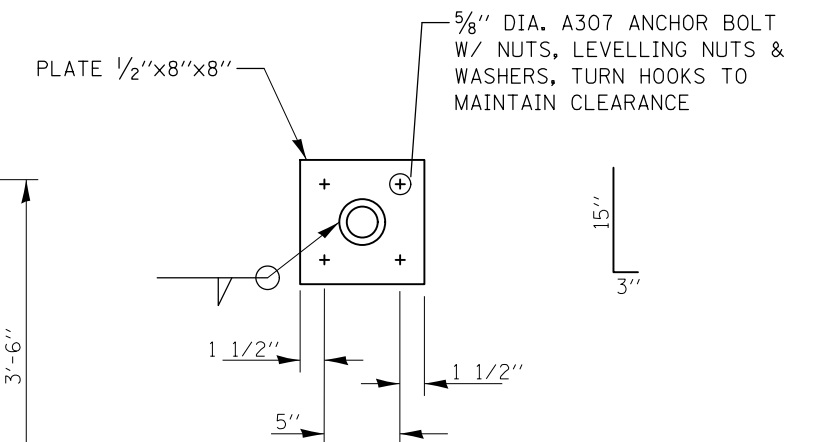
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	81
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	



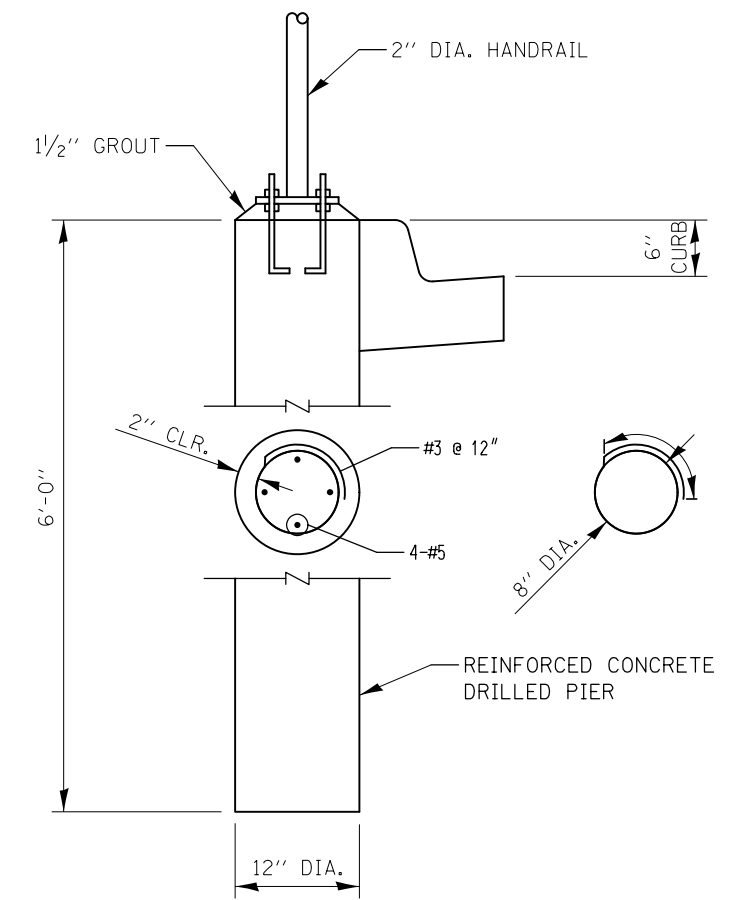
TYPICAL HANDRAIL POST ELEVATIONS

NOT TO SCALE

NOTE:
 ALL STEEL RAIL ELEMENTS SHALL BE GALVANIZED ACCORDING TO ARTICLE 509.05 OF THE STANDARD SPECIFICATIONS. ALL OF THESE ELEMENTS SHALL ALSO BE POWDER COATED. AT A MINIMUM, THE POWDER COATING PROCESS SHALL CONSIST OF A ZINC PHOSPHATE PRETREATMENT/WASH, A GRAY ZINC RICH PRIMER COAT, AND A BLACK TOP COAT.



PLAN



ELEVATION

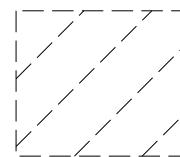
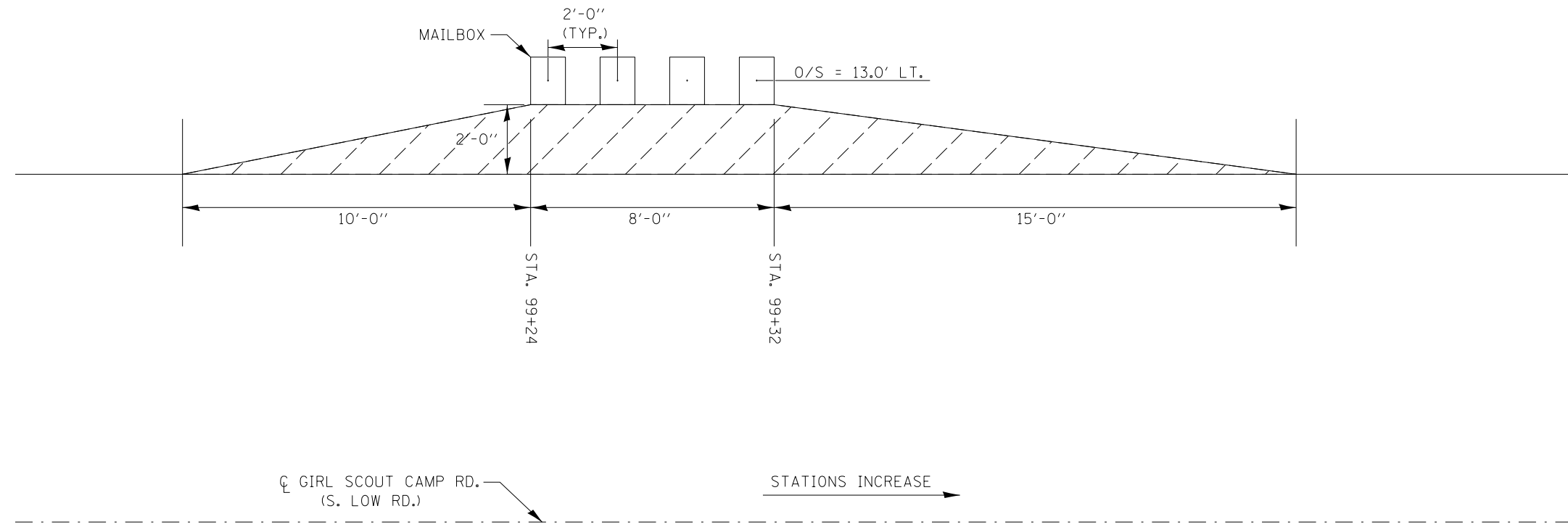
NOT TO SCALE

HANDRAIL POST ANCHORAGE

NOT TO SCALE

FILE NAME =	USER NAME = ceorlockbm	DESIGNED -	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-USE PATH RAILING DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pwork\pwork\ceorlockbm\d0208368\0570700-sht-details.dgn		DRAWN -	REVISED - -					74	10-4BR	CHAMPAIGN	290	82	
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - -		SCALE: NA			SHEET NO. 1 OF 1 SHEETS		STA. ----- TO STA. -----		CONTRACT NO. 70700	
	PLOT DATE = 11/9/2012	DATE -	REVISED - -		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT						

* NO SCALE

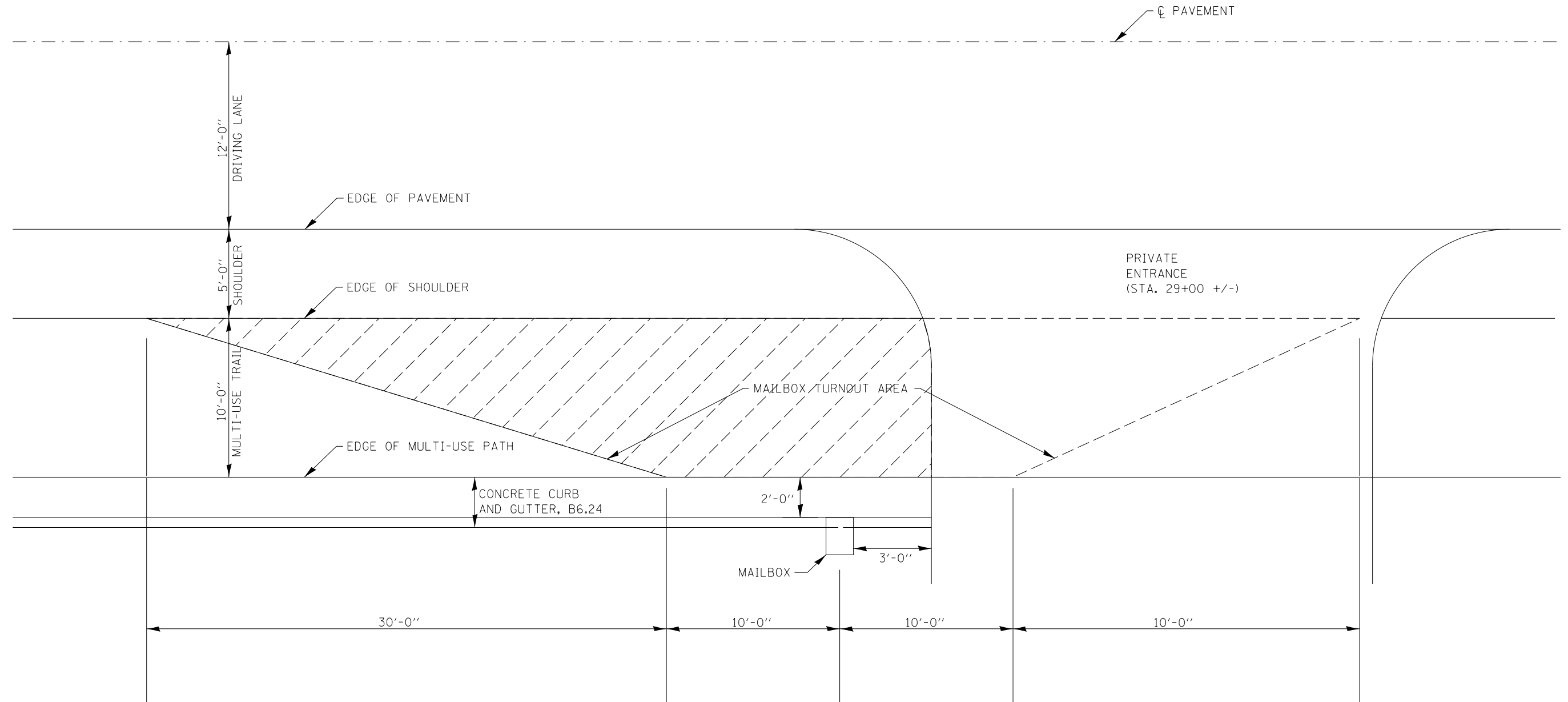


= AGGREGATE MAILBOX TURNOUT, 6" (4.6 SQ. YD.)

FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED - -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAILBOX TURNOUT DETAIL - GIRL SCOUT CAMP RD.			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pw\work\p\dot\cealockbm\d0208368\0570700-sht-details.dgn	DRAWN -	CHECKED -	REVISED - -					74	10-4BR	CHAMPAIGN	290	83
PLOT SCALE = 40.0000' / in.	CHECKED -	DATE 5-10-12	REVISED - -		SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. ----- TO STA. -----			CONTRACT NO. 70700				
PLOT DATE = 11/9/2012	DATE 5-10-12	REVISED - -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

MAILBOX ON NEAR SIDE OF ENTRANCE

* NO SCALE



 = MATCH SHOULDER PAVEMENT SECTION (8" PCC & 4" AGG.) FOR PORTION OF MULTI-USE TRAIL UTILIZED AS MAILBOX TURNOUT.

FILE NAME =	USER NAME = cealockbm	DESIGNED BMC	REVISED - -
et:\pwork\pwork\cealockbm\d0208368\0570700-sht-details.dgn		DRAWN -	REVISED - -
		CHECKED -	REVISED - -
		DATE 5-10-12	REVISED - -

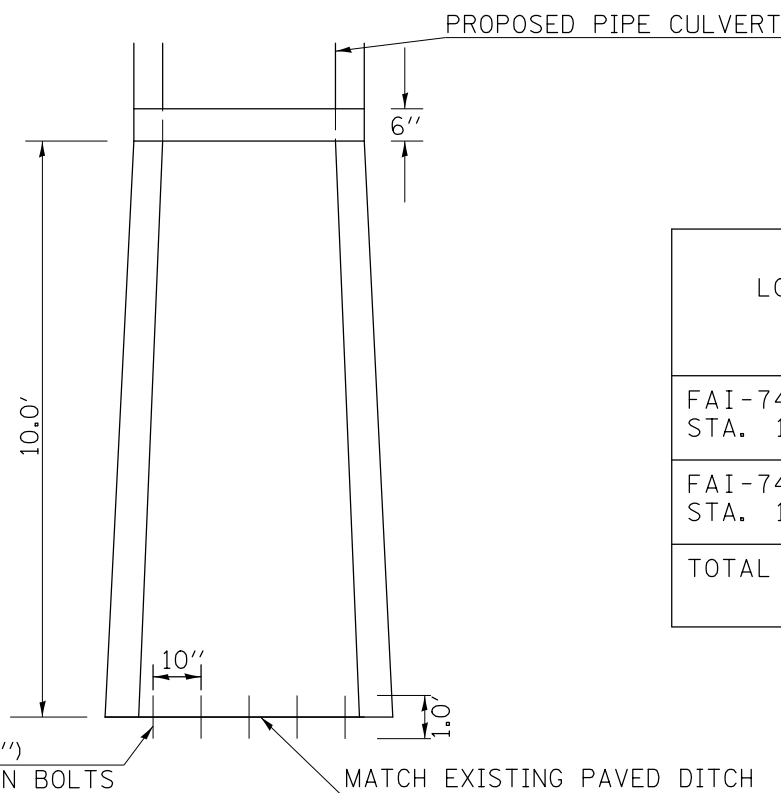
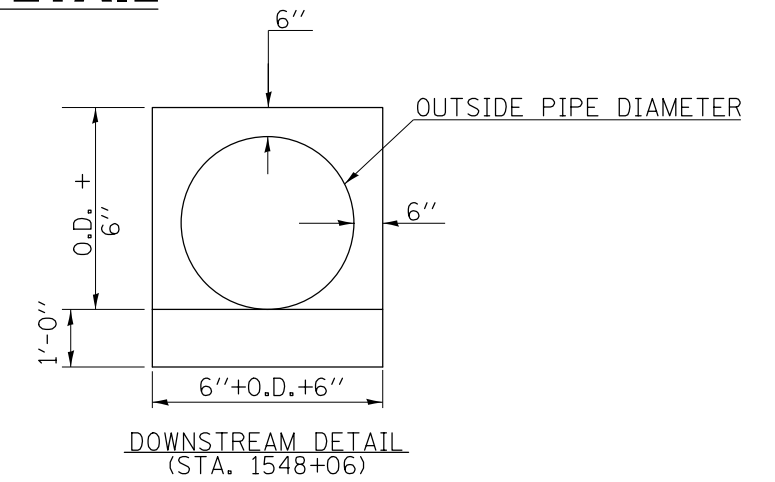
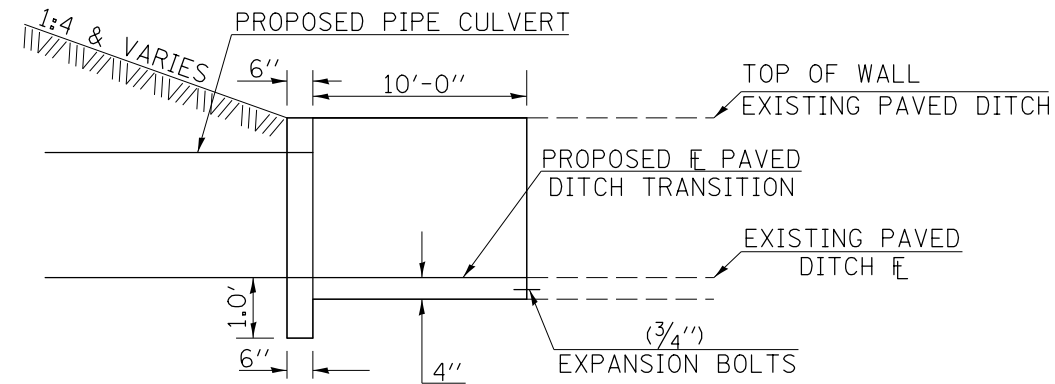
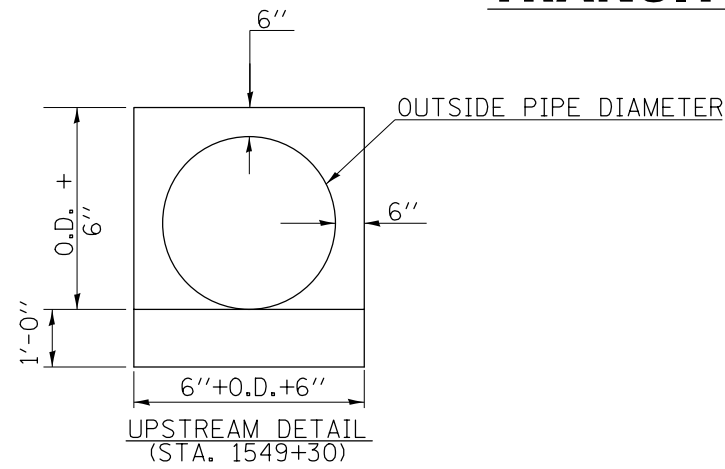
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUT DETAIL - MULTI-USE TRAIL
AT PRIVATE ENTRANCE NEAR STA. 29+00 DETAIL

SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. ----- TO STA. -----

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	84
CONTRACT NO. 70700				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

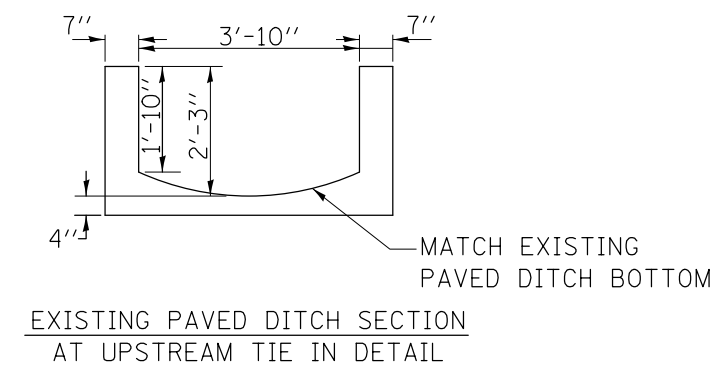
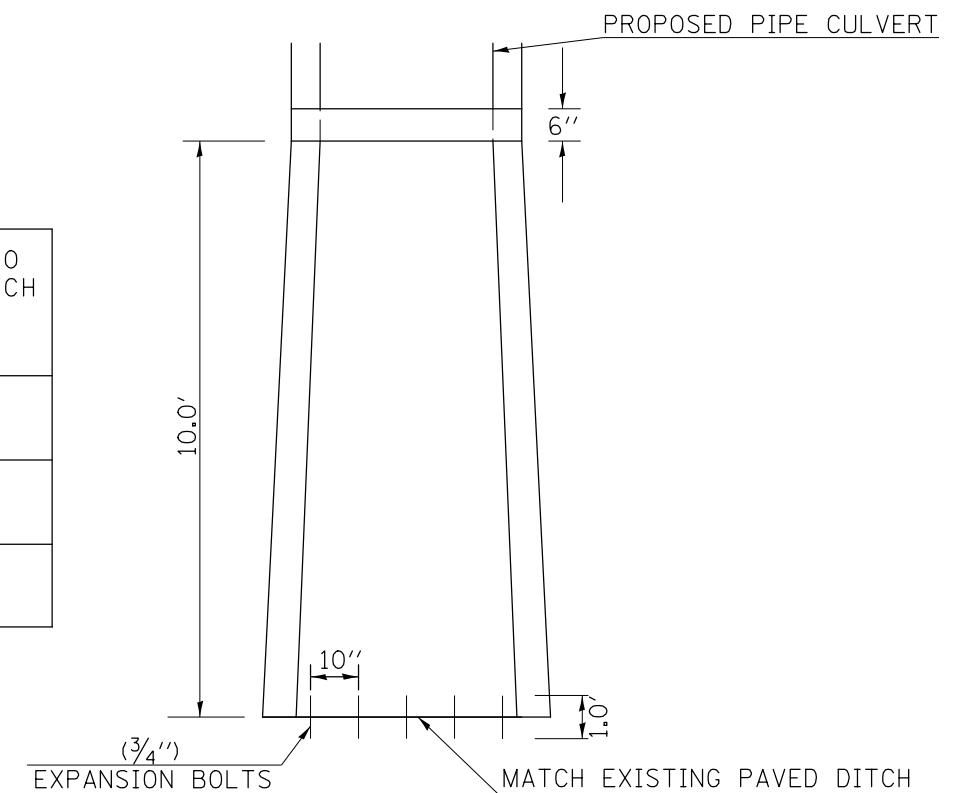
TRANSITION FROM PIPE CULVERT TO PAVED DITCH DETAIL



SCHEDULE OF QUANTITIES

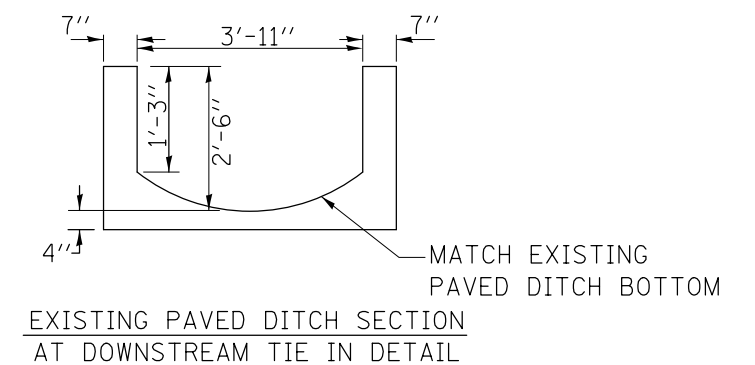
LOCATION	PIPE SIZE	54002020 3/4" BOLTS (EACH)	61100605 MISCELLANEOUS CONCRETE (CU YD)	44004250 PAVED DITCH REMOVAL (FOOT)
FAI-74 LT. STA. 1549+30.00	36"	5.0	2.33	*
FAI-74 LT. STA. 1548+06.00	36"	5.0	2.55	*
TOTAL		10.0	5.00	*

* NOTE, SEE REMOVAL SCHEDULES FOR PAVED DITCH REMOVAL QTY.



GENERAL NOTES:

- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.



DESIGN SPECIFICATIONS

2010 AASHTO LRFD Bridge Design Specifications,
5th Ed. with 2010 Interims

DESIGN STRESSES

FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)

PRECAST UNITS

$f'_c = 6,000$ psi
 $f'_ci = 5,000$ psi
 $f_{pu} = 270,000$ psi ($\frac{1}{2}$ " ϕ low lax stands)
 $f_{pbt} = 201,960$ psi ($\frac{1}{2}$ " ϕ low lax strands)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

SEISMIC DATA

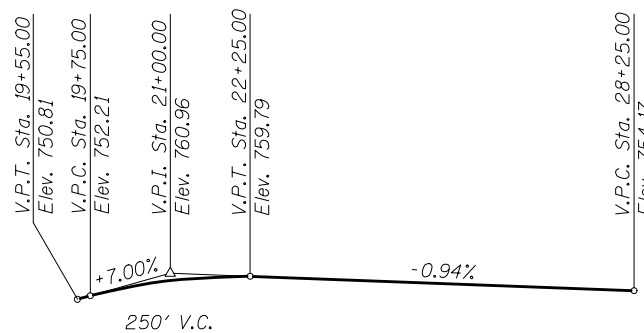
Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.094 g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.171 g
Soil Site Class = C

CURVE DATA (C.H. 50)

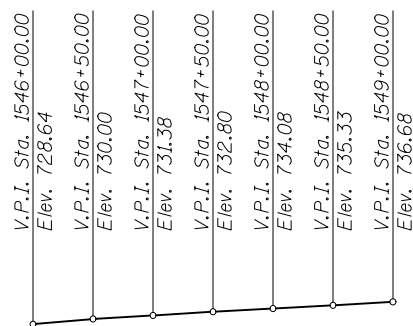
$\Delta = 47^\circ 10' 49.46''$
 $D = 7^\circ 30'$
 $T = 333.38'$
 $L = 628.66'$
 $E = 69.618'$
 $R = 763.44'$
P.I. = Sta. 23+04.98
S.E. = 0.015 ft/ft
Attain S.E. from Sta. 18+90 to Sta. 19+50,
full S.E. from Sta. 19+50 to Sta. 25+85.26.

CURVE DATA (F.A.I. 74)

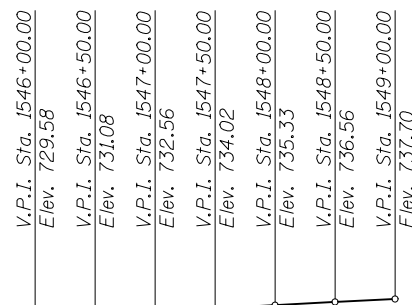
$\Delta = 17^\circ 19' 03''$
 $D = 1^\circ 08'$
 $T = 769.90'$
 $L = 1528.02'$
 $E = 58.29'$
 $R = 5055.65'$
P.I. = Sta. 1551+13.42
S.E. = 0.032 ft/ft



PROFILE GRADE (C.H. 50)

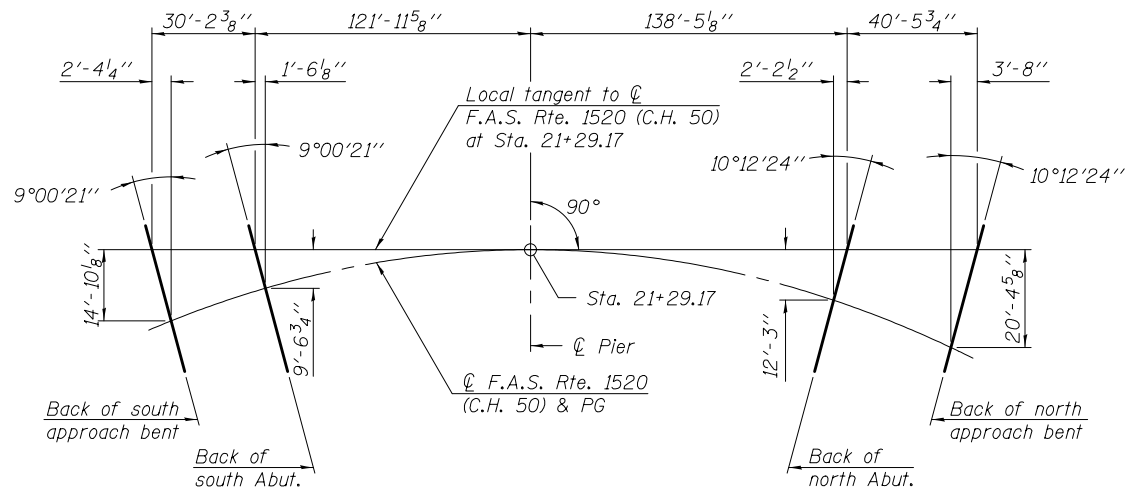


PROFILE GRADE (E.B. I-74)



PROFILE GRADE (W.B. I-74)

* 1:6 (V:H)



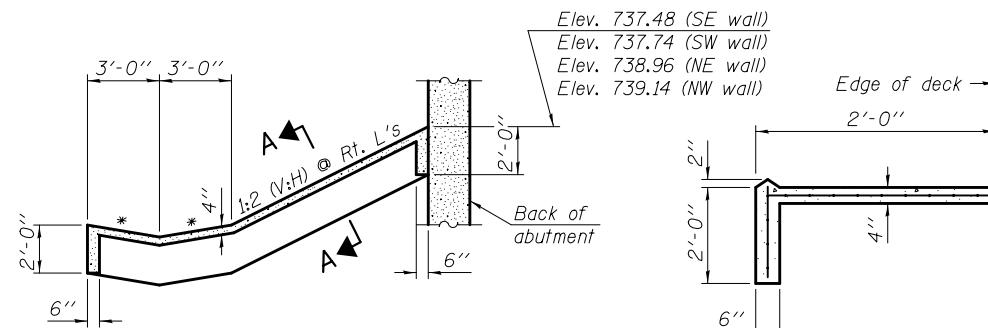
OFFSET SKETCH

INDEX OF SHEETS

- 1 - General Plan & Elevation
- 2 - General Data
- 3 - Footing Layout
- 4-7 - Top of Slab Elevations
- 8 - Top of Vaulted Abutment Slab Elevations
- 9 - Top of South Vaulted Abutment Slab Elevations
- 10 - Top of North Vaulted Abutment Slab Elevations
- 11 - Top of South Approach Slab Elevations
- 12 - Top of North Approach Slab Elevations
- 13-15 - Superstructure
- 16-20 - Superstructure Details
- 21 - South Vaulted Abutment Approach Span
- 22-24 - South Vaulted Abutment Approach Span Details
- 25 - North Vaulted Abutment Approach Span
- 26-28 - North Vaulted Abutment Approach Span Details
- 29-31 - South Bridge Approach Slab Details
- 32-34 - North Bridge Approach Slab Details
- 35 - Bridge Fence Railing, Parapet Mounted
- 36 - Parapet Railing
- 37 - Preformed Joint Strip Seal
- 38 - Structural Steel
- 39-41 - Structural Steel Details
- 42 - Vaulted Abutment Framing Plan
- 43 - 36" PPC I-Beam (South Abutment)
- 44 - 36" PPC I-Beam (North Abutment)
- 45 - 36" PPC I-Beam Details
- 46 - Bearing Details
- 47-49 - South Abutment
- 50-51 - South Abutment Details
- 52-54 - North Abutment
- 55-56 - North Abutment Details
- 57 - Pier
- 58 - Metal Shell Pile Details
- 59-62 - Soil Boring Logs

STATION 21+29.17
BUILT 20 BY
STATE OF ILLINOIS
F.A.I. RT. 74 SEC. 10-4BR
LOADING HL-93
STRUCTURE NO. 010-0289

NAME PLATE
See Std. 515001



SECTION THRU CONCRETE SLOEWALL

SECTION A-A

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts $\frac{7}{8}$ in. ϕ , holes $\frac{15}{16}$ in. ϕ , unless otherwise noted.
Calculated weight of Structural Steel = 474,930 Lbs. (AASHTO M270, Grade 50)
No field welding is permitted except as specified in the contract documents.
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
Concrete Sealer shall be applied to the designated areas of the abutments.
The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surfaces and bottom of the bottom flange of fascia beams, masked off connection surfaces, field installed fasteners, and damaged areas, all of which shall be touched up and finish coated in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Interstate Green, Munsell No. 7.5G 4/8.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
Sloewall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
Slipforming of the parapets is not allowed.
The Contractor shall retain the services of an engineering firm, prequalified in the IDOT consultant selection category of Highway Bridges Advanced Typical, for preparation of the Structural Assessment Report. Contractor's pre-approval shall not be applicable for this project. See Special Provision.
Current Ratings on File for Existing Structure 010-0157:
Inventory: HS 6.0
Operating: HS 10.0
Live Load Restrictions: Yes (15 Tons)
Inventory and Operating Ratings and Live Load Restrictions are provided for information only. Inventory and Operating Ratings are based on HS loading and configuration. Live Load Restrictions are based on Illinois legal loads and configurations. The Ratings and Live Load Restrictions are not necessarily representative of capacities to support the Contractor's equipment.
The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure.
An Existing Structure Information Package is available upon request as noted in the special provisions.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		435	435
Concrete Structures	Cu. Yd.		388.7	388.7
Concrete Superstructure	Cu. Yd.	693.4		693.4
Bridge Deck Grooving	Sq. Yd.	1,283		1,283
Protective Coat	Sq. Yd.	2,475		2,475
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 36 in.	Foot	337		337
Furnishing and Erecting Structural Steel	L. Sum			1
Stud Shear Connectors	Each	3,510		3,510
Reinforcement Bars, Epoxy Coated	Pound	154,970	48,870	203,840
Bridge Fence Railing	Foot	335		335
Parapet Railing	Foot	332		332
Slope Wall 4 Inch	Sq. Yd.		207	207
Furnishing Metal Shell Piles 12" x 0.25"	Foot		1,268	1,268
Furnishing Metal Shell Piles 14" x 0.25"	Foot		667	667
Driving Piles	Foot		1,935	1,935
Test Pile Metal Shells	Each		5	5
Pile Shoes	Each		67	67
Name Plates	Each	1		1
Preformed Joint Strip Seal	Foot	96		96
Elastomeric Bearing Assembly, Type II	Each	16		16
Anchor Bolts, 1"	Each		32	32
Anchor Bolts, 1 1/4"	Each		16	16
Concrete Sealer	Sq. Ft.		2,922	2,922

DESIGNED - DEWEY H. COULTAS
CHECKED - NICHOLAS R. BARNETT
DRAWN - MICHAEL B. MOSSMAN
CHECKED - D.H.C. / N.R.B.

EXAMINED
PASSED
ACTING ENGINEER OF BRIDGE DESIGN
ACTING ENGINEER OF BRIDGES AND STRUCTURES

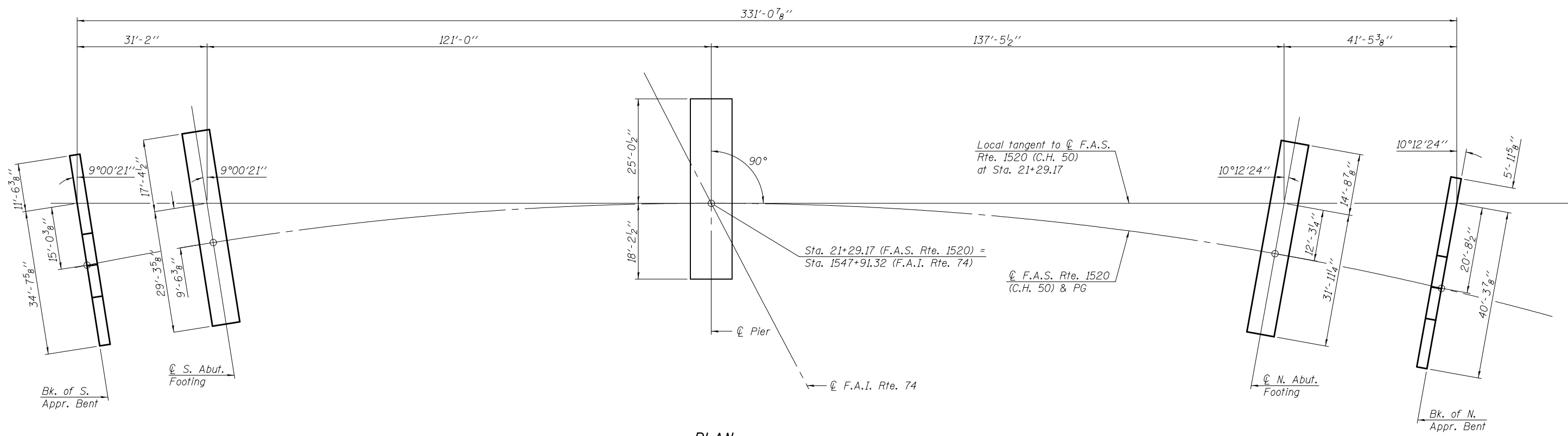
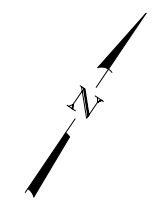
DATE - FEBRUARY 25, 2013
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 010 - 0289

SHEET NO. 2 OF 62 SHEETS

F.A.I. RTE. 74 SECTION 10-4BR COUNTY CHAMPAIGN TOTAL SHEETS 290 SHEET NO. 87 CONTRACT NO. 70700 ILLINOIS FED. AID PROJECT



PLAN

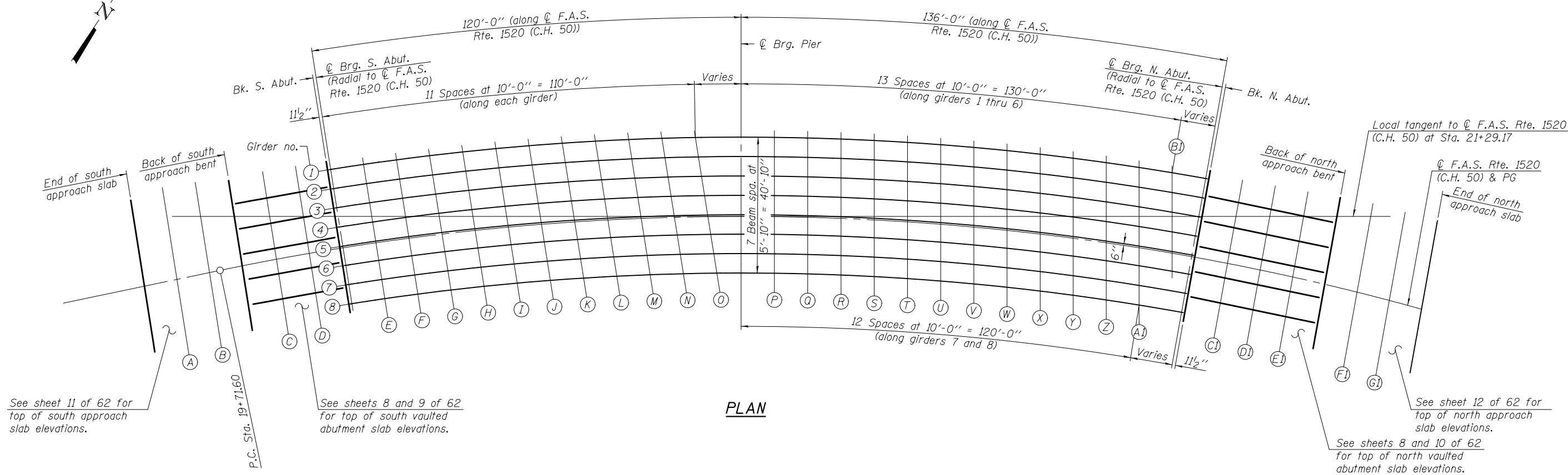
DESIGNED - DEWEY H. COULTAS	EXAMINED - <i>James F. Schaff</i> ACTING ENGINEER OF BRIDGE DESIGN	DATE - FEBRUARY 25, 2013
CHECKED - NICHOLAS R. BARNETT	PASSED - <i>Carl Kopper</i> ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED
DRAWN - MICHAEL B. MOSSMAN		REVISED
CHECKED - D.H.C. / N.R.B.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

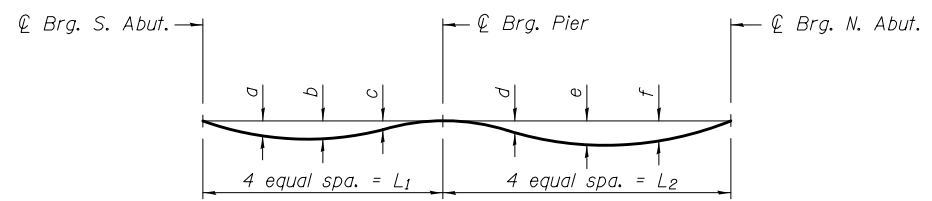
**FOOTING LAYOUT
STRUCTURE NO. 010 - 0289**

SHEET NO. 3 OF 62 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	88
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	



PLAN

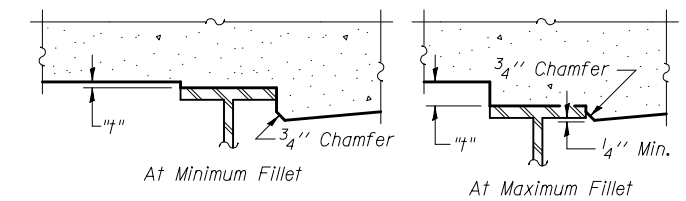


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)
 Note:
 The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets 5 thru 7 of 62.
 For L₁ and L₂, and a thru f, see Table of Dimensions.

TABLE OF DIMENSIONS

Girder No.	a	b	c	d	e	f	L ₁	L ₂
1	1 1/2"	1 1/2"	1/8"	1 7/8"	4"	3 3/8"	123'-8 7/8"	140'-3"
2	1 3/8"	1 3/8"	1/4"	1 3/4"	3 5/8"	3 1/8"	122'-10"	139'-2 1/2"
3	1 1/4"	1 1/4"	1/4"	1 1/2"	3 3/8"	2 3/4"	121'-11"	138'-2"
4	1 1/4"	1 1/4"	1/4"	1 3/8"	3"	2 1/2"	121'-0"	137'-1 1/2"
5	1 1/8"	1 1/8"	1/4"	1 1/4"	2 3/4"	2 3/8"	120'-1"	136'-1 1/8"
6	1 1/8"	1 1/8"	1/4"	1 1/4"	2 5/8"	2 1/8"	119'-2"	135'-0 5/8"
7	1 1/8"	1 1/8"	1/4"	1 1/8"	2 3/8"	2"	118'-2 7/8"	134'-0 1/8"
8	1 1/8"	1 1/4"	3/8"	1 1/8"	2 1/4"	2"	117'-3 7/8"	132'-11 3/8"



FILLET HEIGHTS

To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets 5 thru 7 of 62, minus slab thickness, equals the fillet heights "t" above top flange of beams.

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.24	-23.83	754.41	754.41
☉ Brg S Abut	20+09.17	-23.83	754.46	754.46
E	20+18.87	-23.83	755.02	755.07
F	20+28.56	-23.83	755.55	755.65
G	20+38.26	-23.83	756.05	756.17
H	20+47.96	-23.83	756.52	756.66
I	20+57.66	-23.83	756.96	757.10
J	20+67.35	-23.83	757.37	757.49
K	20+77.05	-23.83	757.74	757.84
L	20+86.75	-23.83	758.09	758.15
M	20+96.45	-23.83	758.41	758.44
N	21+06.14	-23.83	758.70	758.70
O	21+15.84	-23.83	758.96	758.95
☉ Pier	21+29.17	-23.83	759.27	759.27
P	21+38.87	-23.83	759.46	759.49
Q	21+48.56	-23.83	759.62	759.69
R	21+58.26	-23.83	759.75	759.88
S	21+67.96	-23.83	759.85	760.04
T	21+77.66	-23.83	759.92	760.17
U	21+87.35	-23.83	759.96	760.26
V	21+97.05	-23.83	759.97	760.30
W	22+06.75	-23.83	759.95	760.30
X	22+16.45	-23.83	759.90	760.24
Y	22+26.14	-23.83	759.82	760.13
Z	22+35.84	-23.83	759.73	759.99
AI	22+45.54	-23.83	759.64	759.82
BI	22+55.23	-23.83	759.55	759.64
☉ Brg N Abut	22+65.17	-23.83	759.45	759.45
BK N Abut	22+66.10	-23.83	759.44	759.44

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.23	-18.00	754.52	754.52
☉ Brg S Abut	20+09.17	-18.00	754.58	754.58
E	20+18.94	-18.00	755.14	755.19
F	20+28.71	-18.00	755.67	755.76
G	20+38.48	-18.00	756.18	756.29
H	20+48.25	-18.00	756.65	756.78
I	20+58.02	-18.00	757.09	757.22
J	20+67.79	-18.00	757.50	757.62
K	20+77.56	-18.00	757.88	757.97
L	20+87.33	-18.00	758.23	758.29
M	20+97.10	-18.00	758.55	758.58
N	21+06.87	-18.00	758.84	758.84
O	21+16.64	-18.00	759.10	759.09
☉ Pier	21+29.17	-18.00	759.39	759.39
P	21+38.94	-18.00	759.58	759.61
Q	21+48.71	-18.00	759.74	759.81
R	21+58.48	-18.00	759.87	759.99
S	21+68.25	-18.00	759.97	760.15
T	21+78.02	-18.00	760.04	760.27
U	21+87.79	-18.00	760.08	760.35
V	21+97.56	-18.00	760.09	760.39
W	22+07.33	-18.00	760.06	760.38
X	22+17.10	-18.00	760.01	760.32
Y	22+26.87	-18.00	759.93	760.20
Z	22+36.64	-18.00	759.84	760.06
AI	22+46.41	-18.00	759.75	759.91
BI	22+56.18	-18.00	759.65	759.74
☉ Brg N Abut	22+65.17	-18.00	759.57	759.57
BK N Abut	22+66.11	-18.00	759.56	759.56

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.23	-12.17	754.54	754.54
☉ Brg S Abut	20+09.17	-12.17	754.60	754.60
E	20+19.01	-12.17	755.17	755.21
F	20+28.86	-12.17	755.70	755.78
G	20+38.70	-12.17	756.21	756.32
H	20+48.54	-12.17	756.68	756.80
I	20+58.39	-12.17	757.13	757.25
J	20+68.23	-12.17	757.54	757.65
K	20+78.07	-12.17	757.92	758.01
L	20+87.92	-12.17	758.27	758.32
M	20+97.76	-12.17	758.59	758.62
N	21+07.60	-12.17	758.88	758.88
O	21+17.44	-12.17	759.14	759.13
☉ Pier	21+29.17	-12.17	759.41	759.41
P	21+39.01	-12.17	759.60	759.63
Q	21+48.86	-12.17	759.76	759.82
R	21+58.70	-12.17	759.89	760.00
S	21+68.54	-12.17	759.99	760.15
T	21+78.39	-12.17	760.06	760.27
U	21+88.23	-12.17	760.10	760.35
V	21+98.07	-12.17	760.11	760.38
W	22+07.92	-12.17	760.08	760.37
X	22+17.76	-12.17	760.03	760.31
Y	22+27.60	-12.17	759.94	760.19
Z	22+37.44	-12.17	759.85	760.05
AI	22+47.29	-12.17	759.76	759.90
BI	22+57.13	-12.17	759.67	759.73
☉ Brg N Abut	22+65.17	-12.17	759.59	759.59
BK N Abut	22+66.11	-12.17	759.58	759.58

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.22	-6.33	754.46	754.46
☉ Brg S Abut	20+09.17	-6.33	754.51	754.51
E	20+19.09	-6.33	755.08	755.12
F	20+29.01	-6.33	755.62	755.70
G	20+38.92	-6.33	756.13	756.23
H	20+48.84	-6.33	756.61	756.72
I	20+58.76	-6.33	757.05	757.17
J	20+68.68	-6.33	757.47	757.57
K	20+78.59	-6.33	757.85	757.93
L	20+88.51	-6.33	758.20	758.25
M	20+98.43	-6.33	758.53	758.55
N	21+08.35	-6.33	758.82	758.81
O	21+18.26	-6.33	759.07	759.07
☉ Pier	21+29.17	-6.33	759.32	759.32
P	21+39.09	-6.33	759.52	759.54
Q	21+49.01	-6.33	759.68	759.74
R	21+58.92	-6.33	759.81	759.91
S	21+68.84	-6.33	759.91	760.05
T	21+78.76	-6.33	759.98	760.17
U	21+88.68	-6.33	760.01	760.24
V	21+98.59	-6.33	760.02	760.27
W	22+08.51	-6.33	759.99	760.26
X	22+18.43	-6.33	759.93	760.18
Y	22+28.35	-6.33	759.85	760.07
Z	22+38.26	-6.33	759.76	759.93
A1	22+48.18	-6.33	759.66	759.78
B1	22+58.10	-6.33	759.57	759.62
☉ Brg N Abut	22+65.17	-6.33	759.50	759.50
BK N Abut	22+66.12	-6.33	759.49	759.49

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.21	-0.50	754.37	754.37
☉ Brg S Abut	20+09.17	-0.50	754.42	754.42
E	20+19.16	-0.50	755.00	755.04
F	20+29.16	-0.50	755.54	755.62
G	20+39.15	-0.50	756.05	756.15
H	20+49.14	-0.50	756.53	756.64
I	20+59.14	-0.50	756.98	757.09
J	20+69.13	-0.50	757.40	757.50
K	20+79.12	-0.50	757.78	757.86
L	20+89.12	-0.50	758.14	758.18
M	20+99.11	-0.50	758.46	758.48
N	21+09.10	-0.50	758.75	758.75
O	21+19.10	-0.50	759.01	758.96
☉ Pier	21+29.17	-0.50	759.23	759.23
P	21+39.16	-0.50	759.43	759.45
Q	21+49.16	-0.50	759.59	759.64
R	21+59.15	-0.50	759.72	759.81
S	21+69.14	-0.50	759.82	759.95
T	21+79.14	-0.50	759.89	760.07
U	21+89.13	-0.50	759.93	760.14
V	21+99.12	-0.50	759.93	760.16
W	22+09.12	-0.50	759.90	760.14
X	22+19.11	-0.50	759.84	760.07
Y	22+29.10	-0.50	759.75	759.96
Z	22+39.10	-0.50	759.66	759.82
A1	22+49.09	-0.50	759.57	759.67
B1	22+59.08	-0.50	759.47	759.51
☉ Brg N Abut	22+65.17	-0.50	759.41	759.41
BK N Abut	22+66.13	-0.50	759.41	759.41

☉ F.A.S. RTE. 1520 (C.H. 50) & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.21	0.00	754.36	754.36
☉ Brg S Abut	20+09.17	0.00	754.42	754.42
E	20+19.17	0.00	754.99	755.03
F	20+29.17	0.00	755.54	755.61
G	20+39.17	0.00	756.05	756.15
H	20+49.17	0.00	756.53	756.64
I	20+59.17	0.00	756.98	757.09
J	20+69.17	0.00	757.39	757.49
K	20+79.17	0.00	757.78	757.86
L	20+89.17	0.00	758.13	758.18
M	20+99.17	0.00	758.45	758.48
N	21+09.17	0.00	758.74	758.74
O	21+19.17	0.00	759.00	758.99
☉ Pier	21+29.17	0.00	759.23	759.23
P	21+39.17	0.00	759.42	759.44
Q	21+49.17	0.00	759.58	759.64
R	21+59.17	0.00	759.72	759.82
S	21+69.17	0.00	759.81	759.96
T	21+79.17	0.00	759.88	760.07
U	21+89.17	0.00	759.92	760.15
V	21+99.17	0.00	759.92	760.18
W	22+09.17	0.00	759.89	760.16
X	22+19.17	0.00	759.83	760.08
Y	22+29.17	0.00	759.75	759.97
Z	22+39.17	0.00	759.65	759.83
A1	22+49.17	0.00	759.56	759.67
B1	22+59.17	0.00	759.46	759.52
☉ Brg N Abut	22+65.17	0.00	759.41	759.41
BK N Abut	22+66.13	0.00	759.40	759.40

GIRDER 6

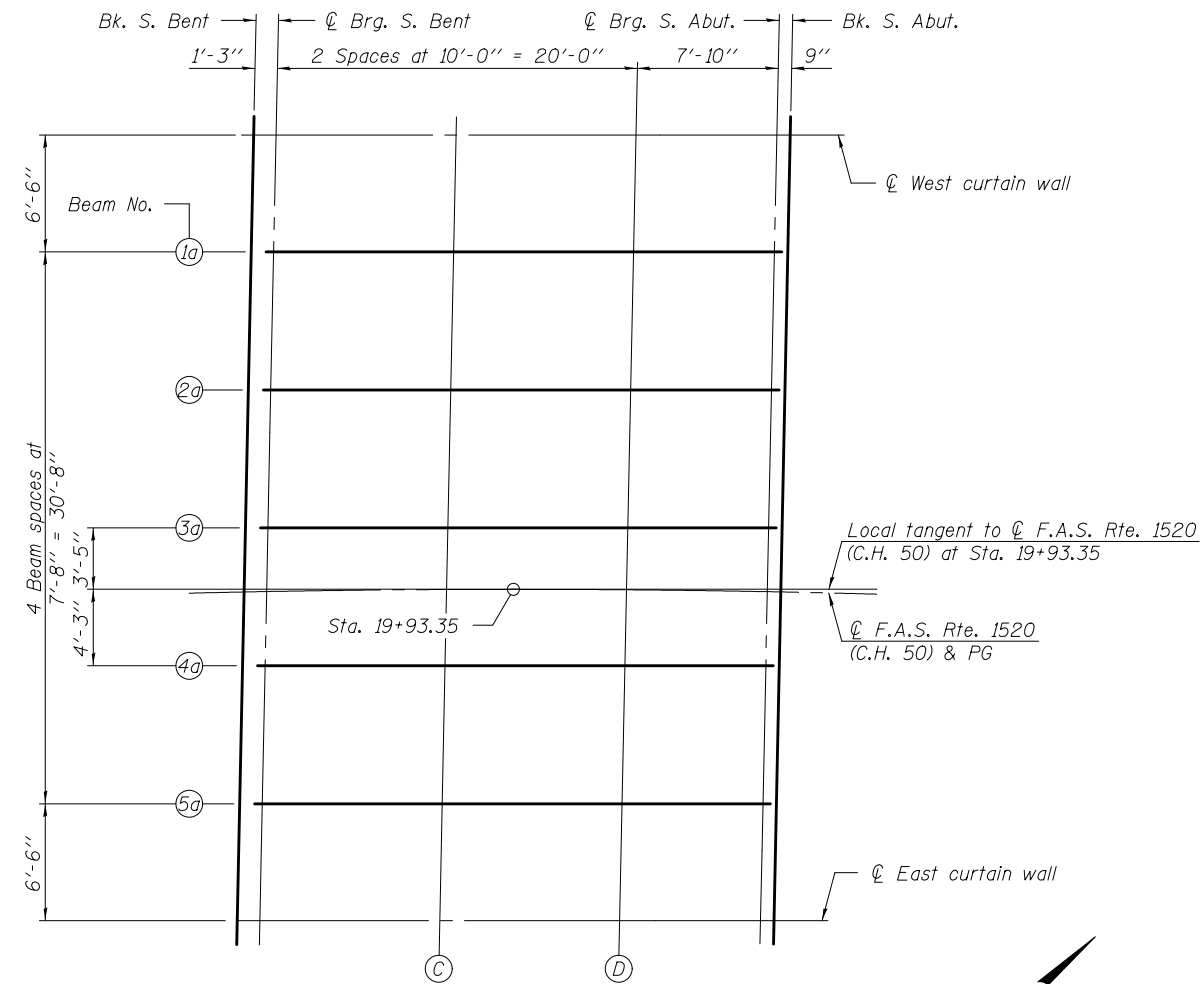
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.21	5.33	754.28	754.28
⊕ Brg S Abut	20+09.17	5.33	754.34	754.34
E	20+19.24	5.33	754.92	754.95
F	20+29.31	5.33	755.46	755.54
G	20+39.38	5.33	755.98	756.07
H	20+49.45	5.33	756.46	756.57
I	20+59.52	5.33	756.91	757.02
J	20+69.59	5.33	757.33	757.43
K	20+79.66	5.33	757.72	757.79
L	20+89.73	5.33	758.07	758.12
M	20+99.80	5.33	758.39	758.41
N	21+09.87	5.33	758.68	758.68
O	21+19.94	5.33	758.94	758.94
⊕ Pier	21+29.17	5.33	759.15	759.15
P	21+39.24	5.33	759.34	759.36
Q	21+49.31	5.33	759.51	759.55
R	21+59.38	5.33	759.64	759.72
S	21+69.45	5.33	759.74	759.87
T	21+79.52	5.33	759.80	759.91
U	21+89.59	5.33	759.84	760.04
V	21+99.66	5.33	759.84	760.06
W	22+09.73	5.33	759.81	760.04
X	22+19.80	5.33	759.75	759.96
Y	22+29.87	5.33	759.66	759.84
Z	22+39.94	5.33	759.56	759.71
AI	22+50.01	5.33	759.47	759.56
BI	22+60.08	5.33	759.38	759.41
⊕ Brg N Abut	22+65.17	5.33	759.33	759.33
BK N Abut	22+66.14	5.33	759.32	759.32

GIRDER 7

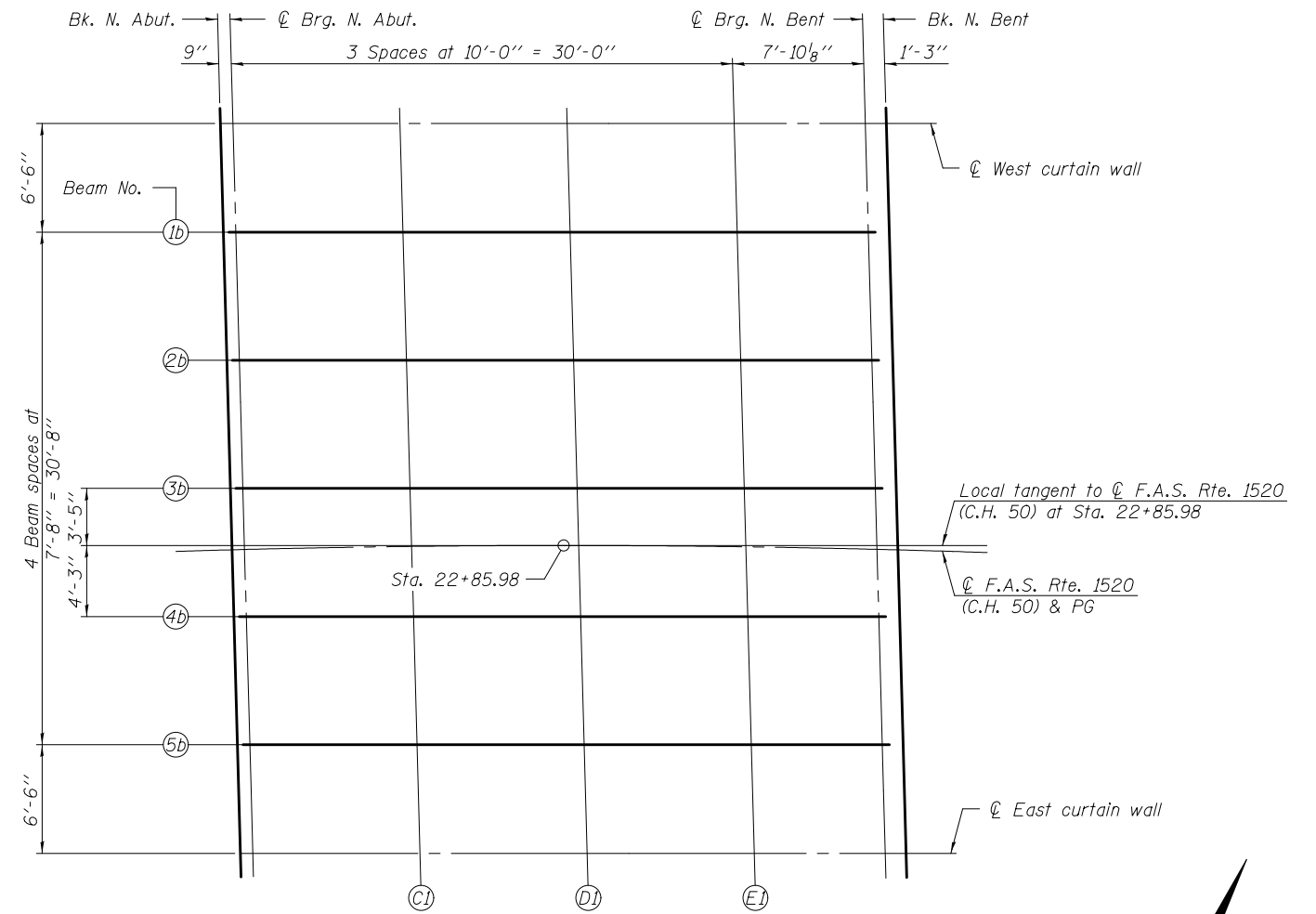
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.20	11.17	754.19	754.19
⊕ Brg S Abut	20+09.17	11.17	754.25	754.25
E	20+19.32	11.17	754.83	754.87
F	20+29.47	11.17	755.38	755.46
G	20+39.62	11.17	755.90	756.00
H	20+49.76	11.17	756.39	756.50
I	20+59.91	11.17	756.84	756.95
J	20+70.06	11.17	757.26	757.36
K	20+80.21	11.17	757.65	757.72
L	20+90.36	11.17	758.00	758.05
M	21+00.51	11.17	758.33	758.35
N	21+10.65	11.17	758.62	758.62
O	21+20.80	11.17	758.87	758.87
⊕ Pier	21+29.17	11.17	759.06	759.06
P	21+39.32	11.17	759.26	759.27
Q	21+49.47	11.17	759.42	759.47
R	21+59.62	11.17	759.55	759.63
S	21+69.76	11.17	759.65	759.77
T	21+79.91	11.17	759.72	759.88
U	21+90.06	11.17	759.75	759.94
V	22+00.21	11.17	759.75	759.96
W	22+10.36	11.17	759.72	759.93
X	22+20.51	11.17	759.66	759.86
Y	22+30.65	11.17	759.56	759.74
Z	22+40.80	11.17	759.47	759.60
AI	22+50.95	11.17	759.37	759.45
⊕ Brg N Abut	22+65.17	11.17	759.24	759.24
BK N Abut	22+66.14	11.17	759.23	759.23

GIRDER 8

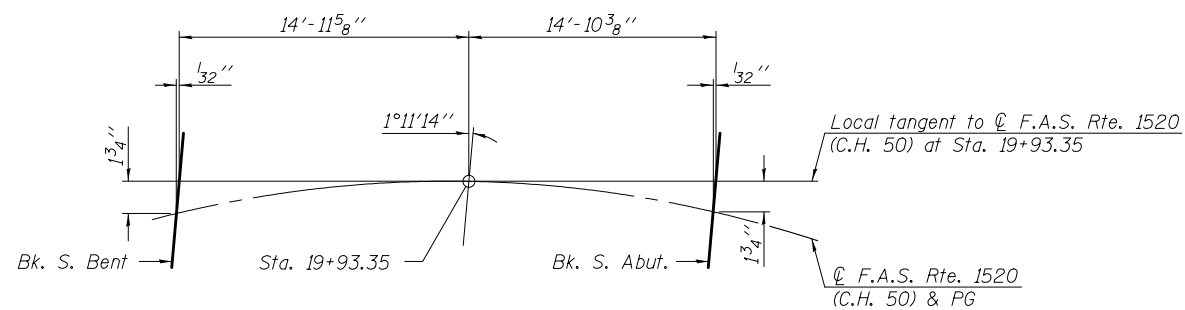
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk S Abut	20+08.19	17.00	754.10	754.10
⊕ Brg S Abut	20+09.17	17.00	754.16	754.16
E	20+19.40	17.00	754.75	754.79
F	20+29.63	17.00	755.30	755.38
G	20+39.85	17.00	755.83	755.92
H	20+50.08	17.00	756.32	756.42
I	20+60.31	17.00	756.77	756.88
J	20+70.54	17.00	757.19	757.29
K	20+80.76	17.00	757.58	757.66
L	20+90.99	17.00	757.94	757.99
M	21+01.22	17.00	758.26	758.28
N	21+11.45	17.00	758.55	758.55
O	21+21.68	17.00	758.81	758.80
⊕ Pier	21+29.17	17.00	758.97	758.97
P	21+39.40	17.00	759.17	759.19
Q	21+49.63	17.00	759.34	759.38
R	21+59.85	17.00	759.47	759.55
S	21+70.08	17.00	759.57	759.68
T	21+80.31	17.00	759.63	759.79
U	21+90.54	17.00	759.67	759.84
V	22+00.76	17.00	759.66	759.86
W	22+10.99	17.00	759.63	759.83
X	22+21.22	17.00	759.56	759.75
Y	22+31.45	17.00	759.47	759.63
Z	22+41.68	17.00	759.37	759.49
AI	22+51.90	17.00	759.28	759.35
⊕ Brg N Abut	22+65.17	17.00	759.15	759.15
BK N Abut	22+66.15	17.00	759.14	759.14



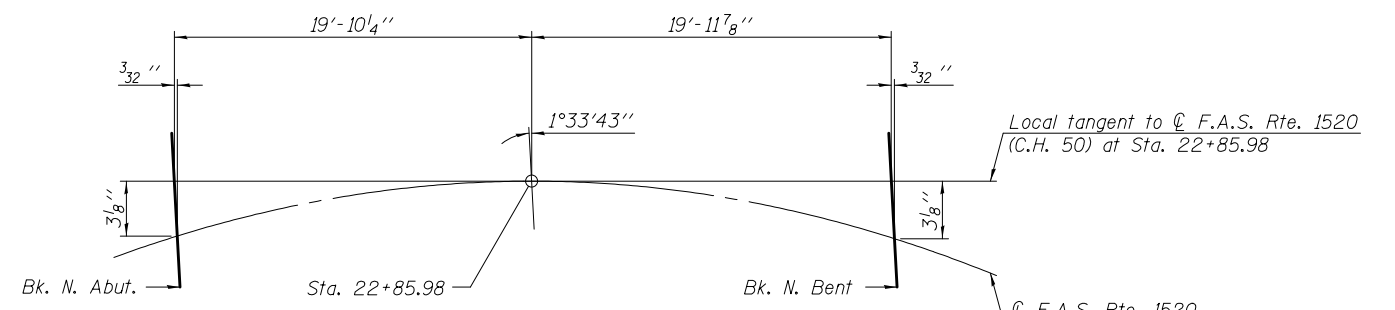
PLAN



PLAN



OFFSET SKETCH
(South vaulted abutment span)



OFFSET SKETCH
(North vaulted abutment span)

DESIGNED - NICHOLAS R. BARNETT	EXAMINED - <i>James F. [Signature]</i>	DATE - FEBRUARY 25, 2013
CHECKED - DEWEY H. COULTAS	PASSED - <i>Carl [Signature]</i>	REVISED
DRAWN - MICHAEL B. MOSSMAN	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED
CHECKED - D.H.C. / N.R.B.		

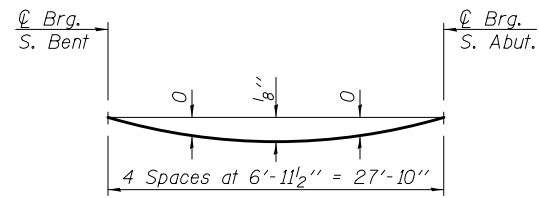
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF VAULTED ABUTMENT SLAB ELEVATIONS
STRUCTURE NO. 010 - 0289

SHEET NO. 8 OF 62 SHEETS

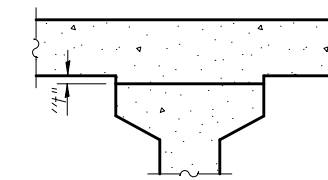
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	93
CONTRACT NO. 70700				

ILLINOIS FED. AID PROJECT



DEAD LOAD DEFLECTION DIAGRAMS
(Includes weight of concrete, excluding beams).

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

WEST CURTAIN WALL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+79.37	-25.38	752.53	752.53
Q Brg. S. Bent	19+80.58	-25.36	752.61	752.61
C	19+90.26	-25.26	753.26	753.26
D	19+99.94	-25.28	753.87	753.87
Q Brg. S. Abut.	20+07.51	-25.39	754.33	754.33
Bk. S. Abut.	20+08.23	-25.40	754.37	754.37

BEAM 1a

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+79.12	-18.89	752.64	752.64
Q Brg. S. Bent	19+80.34	-18.86	752.72	752.72
C	19+90.10	-18.76	753.38	753.38
D	19+99.86	-18.78	754.00	754.00
Q Brg. S. Abut.	20+07.49	-18.88	754.46	754.46
Bk. S. Abut.	20+08.23	-18.90	754.50	754.50

BEAM 2a

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+78.82	-11.22	752.64	752.64
Q Brg. S. Bent	19+80.06	-11.20	752.73	752.73
C	19+89.91	-11.09	753.38	753.39
D	19+99.77	-11.11	754.01	754.02
Q Brg. S. Abut.	20+07.48	-11.22	754.48	754.48
Bk. S. Abut.	20+08.22	-11.23	754.53	754.53

BEAM 3a

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+78.52	-3.56	752.51	752.51
Q Brg. S. Bent	19+79.76	-3.54	752.59	752.59
C	19+89.72	-3.43	753.26	753.26
D	19+99.67	-3.44	753.89	753.90
Q Brg. S. Abut.	20+07.46	-3.55	754.37	754.37
Bk. S. Abut.	20+08.21	-3.56	754.41	754.41

F.A.S. RTE. 1520 (C.H. 50) & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+78.38	0.00	752.45	752.45
Q Brg. S. Bent	19+79.63	0.00	752.53	752.53
C	19+89.63	0.00	753.20	753.20
D	19+99.63	0.00	753.84	753.84
Q Brg. S. Abut.	20+07.46	0.00	754.31	754.31
Bk. S. Abut.	20+08.21	0.00	754.36	754.36

BEAM 4a

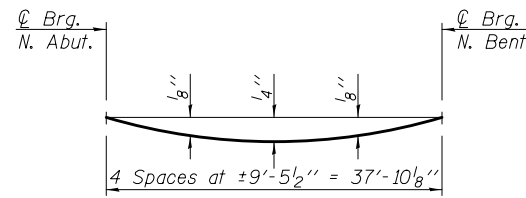
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+78.21	4.10	752.37	752.37
Q Brg. S. Bent	19+79.47	4.12	752.46	752.46
C	19+89.52	4.24	753.13	753.13
D	19+99.58	4.22	753.77	753.77
Q Brg. S. Abut.	20+07.44	4.12	754.25	754.25
Bk. S. Abut.	20+08.20	4.11	754.30	754.30

BEAM 5a

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+77.90	11.76	752.23	752.23
Q Brg. S. Bent	19+79.16	11.79	752.32	752.32
C	19+89.32	11.91	753.00	753.00
D	19+99.48	11.89	753.65	753.65
Q Brg. S. Abut.	20+07.43	11.79	754.14	754.14
Bk. S. Abut.	20+08.19	11.77	754.18	754.18

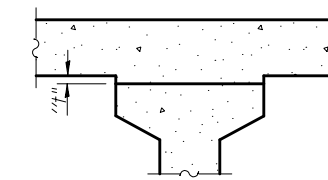
EAST CURTAIN WALL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Bent	19+77.62	18.26	752.13	752.13
Q Brg. S. Bent	19+78.90	18.28	752.22	752.22
C	19+89.15	18.41	752.90	752.90
D	19+99.40	18.39	753.56	753.56
Q Brg. S. Abut.	20+07.41	18.29	754.05	754.05
Bk. S. Abut.	20+08.18	18.28	754.09	754.09



DEAD LOAD DEFLECTION DIAGRAMS
(Includes weight of concrete, excluding beams).

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

WEST CURTAIN WALL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.10	-25.52	759.41	759.41
C Brg. N. Abut.	22+66.82	-25.50	759.41	759.41
C1	22+76.50	-25.31	759.32	759.32
D1	22+86.18	-25.25	759.23	759.23
E1	22+95.86	-25.32	759.14	759.14
C Brg. N. Bent	23+03.45	-25.46	759.07	759.07
Bk. N. Bent	23+04.66	-25.49	759.05	759.05

BEAM 1b

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.11	-19.02	759.54	759.54
C Brg. N. Abut.	22+66.84	-19.00	759.54	759.54
C1	22+76.60	-18.81	759.45	759.46
D1	22+86.36	-18.75	759.36	759.38
E1	22+96.12	-18.82	759.27	759.28
C Brg. N. Bent	23+03.77	-18.96	759.19	759.19
Bk. N. Bent	23+04.99	-18.99	759.18	759.18

BEAM 2b

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.12	-11.35	759.57	759.57
C Brg. N. Abut.	22+66.86	-11.33	759.57	759.57
C1	22+76.71	-11.14	759.47	759.49
D1	22+86.57	-11.08	759.38	759.40
E1	22+96.42	-11.16	759.29	759.30
C Brg. N. Bent	23+04.15	-11.30	759.22	759.22
Bk. N. Bent	23+05.38	-11.33	759.20	759.20

BEAM 3b

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.13	-3.68	759.46	759.46
C Brg. N. Abut.	22+66.87	-3.66	759.45	759.45
C1	22+76.82	-3.47	759.35	759.37
D1	22+86.78	-3.42	759.26	759.28
E1	22+96.73	-3.49	759.17	759.18
C Brg. N. Bent	23+04.54	-3.64	759.10	759.10
Bk. N. Bent	23+05.78	-3.67	759.09	759.09

F.A.S. RTE. 1520 (C.H. 50) & PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.13	0.00	759.40	759.40
C Brg. N. Abut.	22+66.87	0.00	759.40	759.40
C1	22+76.87	0.00	759.30	759.31
D1	22+86.87	0.00	759.21	759.22
E1	22+96.87	0.00	759.11	759.12
C Brg. N. Bent	23+04.73	0.00	759.04	759.04
Bk. N. Bent	23+05.98	0.00	759.02	759.02

BEAM 4b

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.14	3.99	759.34	759.34
C Brg. N. Abut.	22+66.89	4.01	759.34	759.34
C1	22+76.94	4.20	759.24	759.25
D1	22+87.00	4.25	759.14	759.16
E1	22+97.05	4.17	759.05	759.06
C Brg. N. Bent	23+04.94	4.02	758.98	758.98
Bk. N. Bent	23+06.19	3.98	758.97	758.97

BEAM 5b

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.15	11.66	759.23	759.23
C Brg. N. Abut.	22+66.91	11.68	759.22	759.22
C1	22+77.06	11.87	759.12	759.14
D1	22+87.22	11.92	759.03	759.05
E1	22+97.38	11.83	758.93	758.94
C Brg. N. Bent	23+05.34	11.68	758.86	758.86
Bk. N. Bent	23+06.61	11.64	758.85	758.85

EAST CURTAIN WALL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	22+66.15	18.17	759.14	759.14
C Brg. N. Abut.	22+66.92	18.18	759.13	759.13
C1	22+77.17	18.37	759.04	759.04
D1	22+87.41	18.42	758.94	758.94
E1	22+97.66	18.33	758.84	758.84
C Brg. N. Bent	23+05.69	18.17	758.76	758.76
Bk. N. Bent	23+06.97	18.14	758.75	758.75

WEST EDGE OF SIDEWALK

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	19+50.14	-25.58	750.48
A	19+60.14	-25.58	751.18
B	19+70.14	-25.58	751.88
N. End S. Appr. Slab	19+79.86	-25.58	752.56

EAST EDGE OF SIDEWALK

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	19+49.65	-15.58	750.65
A	19+59.65	-15.58	751.35
B	19+69.65	-15.58	752.05
N. End S. Appr. Slab	19+79.48	-15.58	752.73

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	19+49.57	-14.00	750.64
A	19+59.57	-14.00	751.34
B	19+69.57	-14.00	752.04
N. End S. Appr. Slab	19+79.42	-14.00	752.73

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	19+49.47	-12.00	750.60
A	19+59.47	-12.00	751.30
B	19+69.47	-12.00	752.00
N. End S. Appr. Slab	19+79.35	-12.00	752.69

☉ F.A.S. RTE 1520 (C.H. 50) & PG

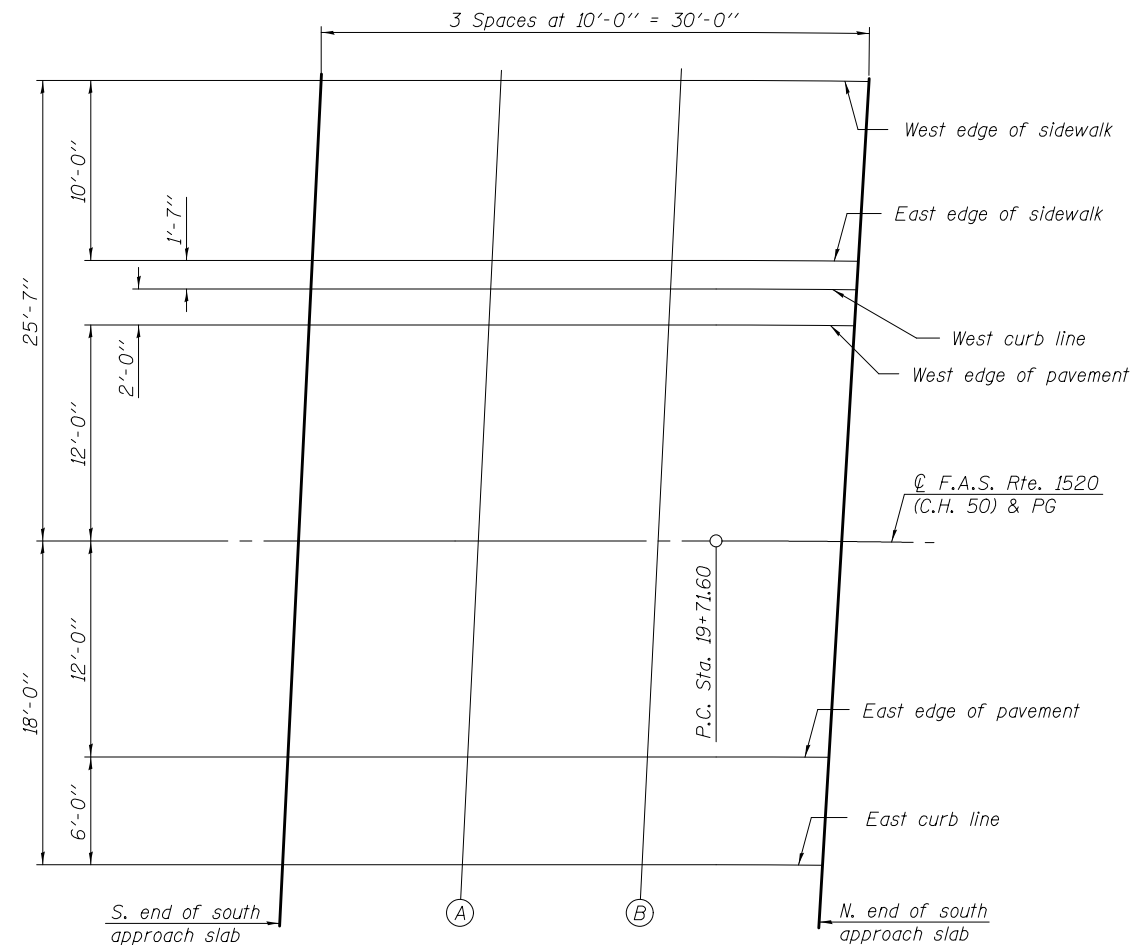
Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	19+48.88	0.00	750.38
A	19+58.88	0.00	751.08
B	19+68.88	0.00	751.78
N. End S. Appr. Slab	19+78.88	0.00	752.48

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	19+48.29	12.00	750.16
A	19+58.29	12.00	750.86
B	19+68.29	12.00	751.56
N. End S. Appr. Slab	19+78.39	12.00	752.27

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End S. Appr. Slab	19+47.99	18.00	750.05
A	19+57.99	18.00	750.75
B	19+67.99	18.00	751.45
N. End S. Appr. Slab	19+78.15	18.00	752.16



PLAN

DESIGNED - DEWEY H. COULTAS	EXAMINED - <i>Joanne F. [Signature]</i>	DATE - FEBRUARY 25, 2013
CHECKED - NICHOLAS R. BARNETT	PASSED - <i>Carl [Signature]</i>	REVISED
DRAWN - MICHAEL B. MOSSMAN	ACTING ENGINEER OF BRIDGES AND STRUCTURES	REVISED
CHECKED - D.H.C. / N.R.B.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SOUTH APPROACH SLAB ELEVATIONS
STRUCTURE NO. 010 - 0289

SHEET NO. 11 OF 62 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	96
			CONTRACT NO.	70700
ILLINOIS FED. AID PROJECT				

WEST EDGE OF SIDEWALK

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	23+04.17	-25.58	759.05
F1	23+13.85	-25.58	758.96
G1	23+23.52	-25.58	758.87
N. End N. Appr. Slab	23+33.20	-25.58	758.78

EAST EDGE OF SIDEWALK

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	23+04.67	-15.58	759.25
F1	23+14.47	-15.58	759.15
G1	23+24.27	-15.58	759.06
N. End N. Appr. Slab	23+34.07	-15.58	758.97

WEST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	23+04.76	-14.00	759.25
F1	23+14.57	-14.00	759.15
G1	23+24.39	-14.00	759.06
N. End N. Appr. Slab	23+34.21	-14.00	758.97

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	23+04.86	-12.00	759.21
F1	23+14.70	-12.00	759.12
G1	23+24.55	-12.00	759.03
N. End N. Appr. Slab	23+34.39	-12.00	758.94

☉ F.A.S. RTE 1520 (C.H. 50) & PG

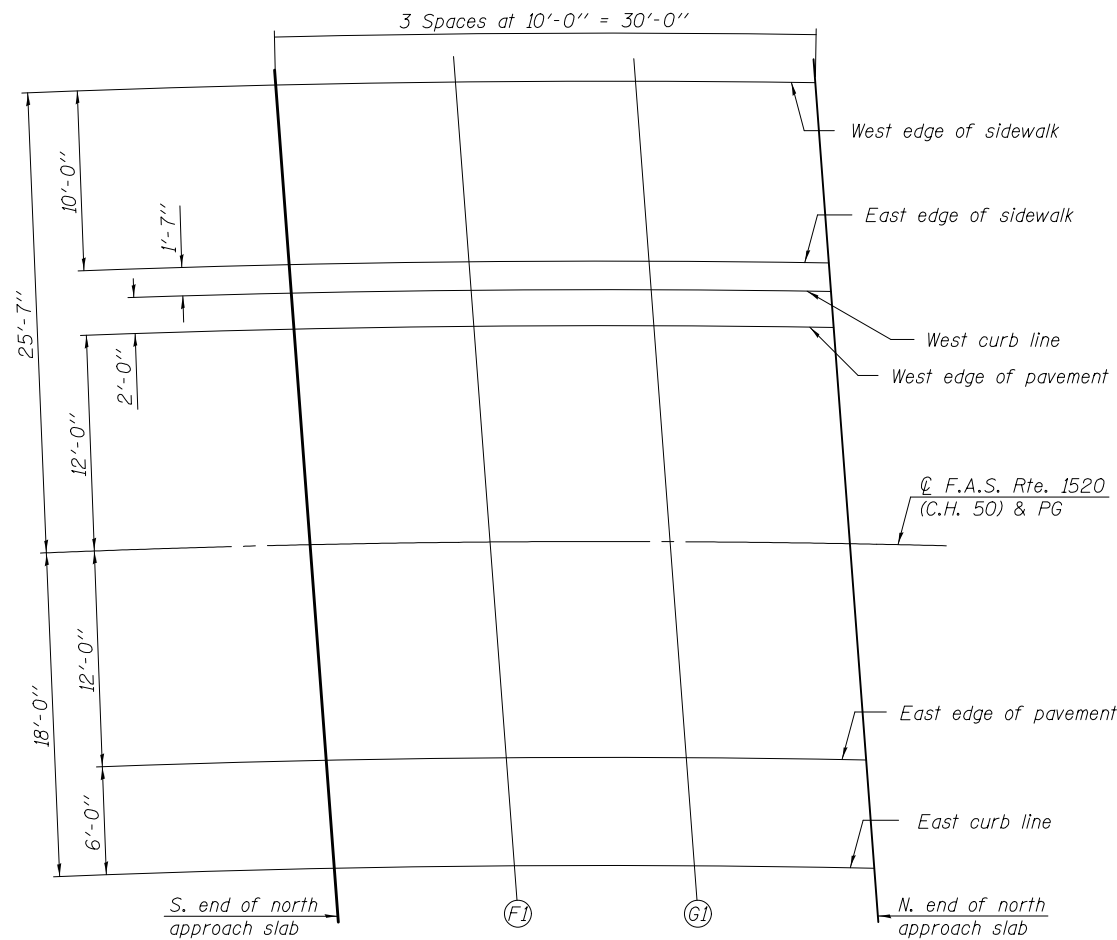
Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	23+05.48	0.00	759.03
F1	23+15.48	0.00	758.93
G1	23+25.48	0.00	758.84
N. End N. Appr. Slab	23+35.48	0.00	758.75

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	23+06.13	12.00	758.84
F1	23+16.29	12.00	758.75
G1	23+26.45	12.00	758.65
N. End N. Appr. Slab	23+36.61	12.00	758.56

EAST CURB LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End N. Appr. Slab	23+06.46	18.00	758.75
F1	23+16.70	18.00	758.65
G1	23+26.94	18.00	758.56
N. End N. Appr. Slab	23+37.18	18.00	758.46



PLAN



DESIGNED - DEWEY H. COULTAS
 CHECKED - NICHOLAS R. BARNETT
 DRAWN - MICHAEL B. MOSSMAN
 CHECKED - D.H.C. / N.R.B.

EXAMINED - *Joanne F. J...*
 PASSED - *Carl...*
 ACTING ENGINEER OF BRIDGE DESIGN
 ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - FEBRUARY 25, 2013
 REVISED
 REVISED

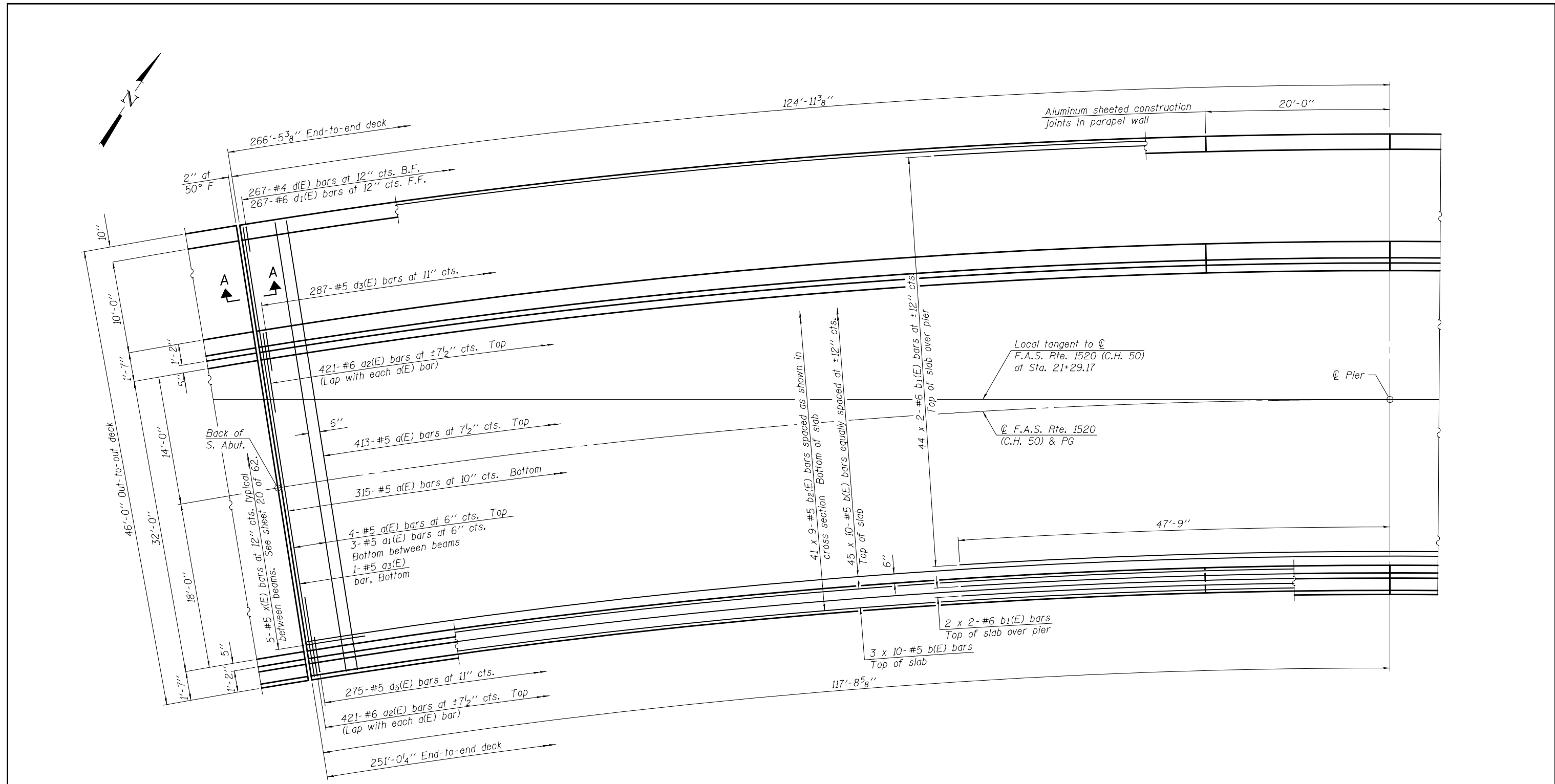
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TOP OF NORTH APPROACH SLAB ELEVATIONS
 STRUCTURE NO. 010 - 0289

SHEET NO. 12 OF 62 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	97
				CONTRACT NO. 70700

ILLINOIS FED. AID PROJECT



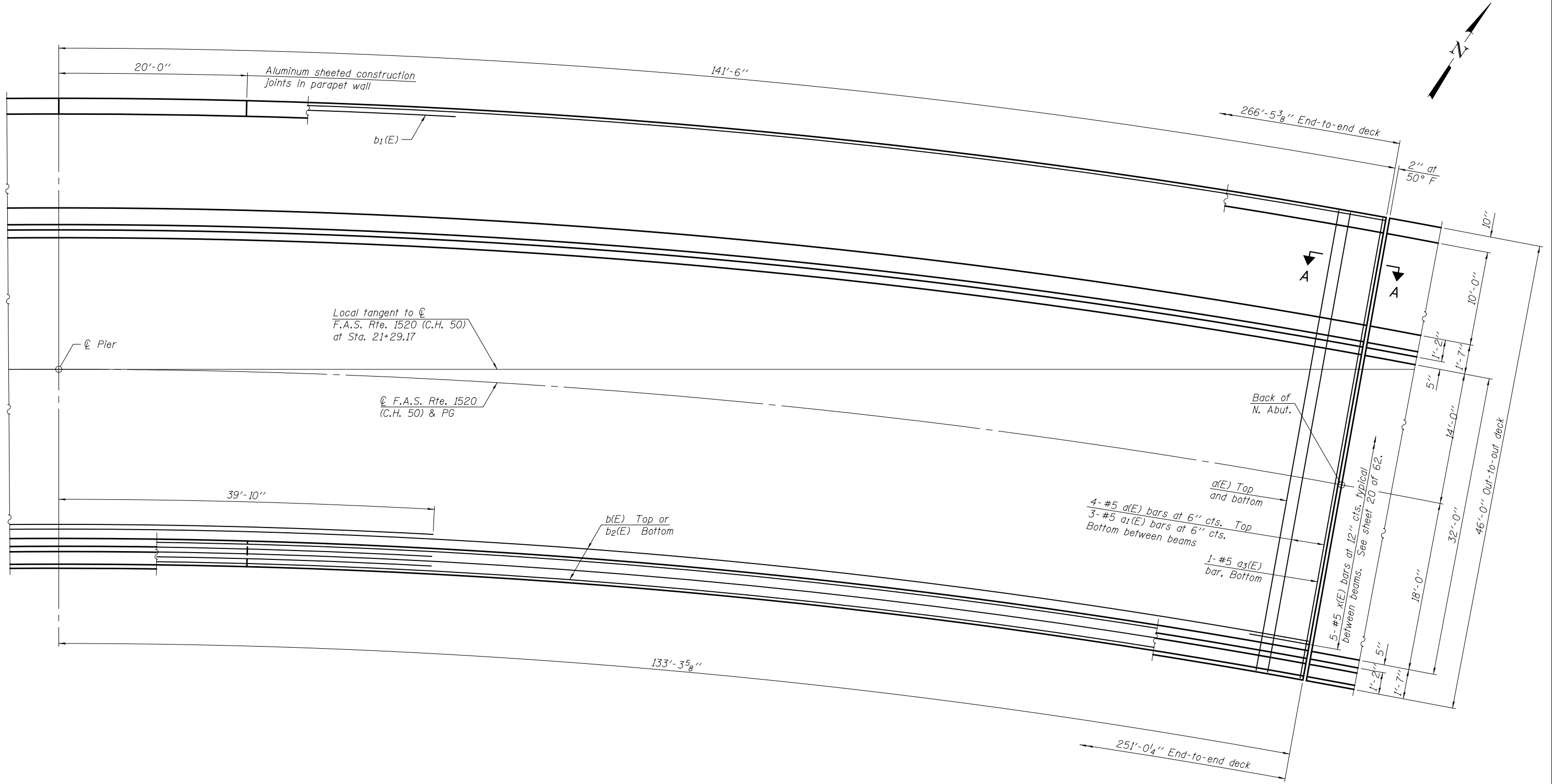
PLAN

MINIMUM BAR LAP

(Slab)
 #5 bar = 2'-7"
 #6 bar = 3'-1"

Notes:
 See sheets 15 thru 20 of 62 for superstructure details and Bill of Material.
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
 See sheets 16 thru 18 of 62 for parapet reinforcement.
 Place transverse reinforcement bars radially.
 Spacings given are along girder 3.

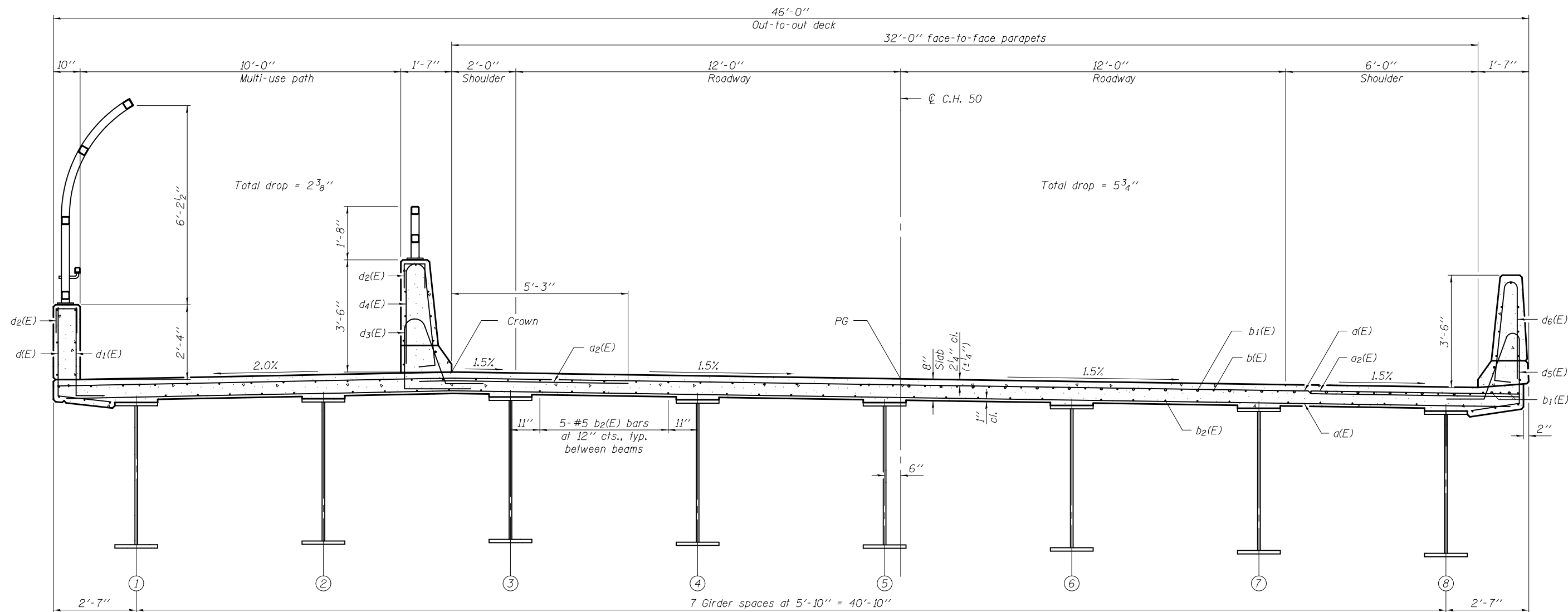
DESIGNED - DEWEY H. COULTAS	EXAMINED	DATE - FEBRUARY 25, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE STRUCTURE NO. 010 - 0289	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CHECKED - NICHOLAS R. BARNETT	PASSED	REVISED			74	10-4BR	CHAMPAIGN	290	98	
DRAWN - MICHAEL B. MOSSMAN		REVISED			CONTRACT NO. 70700					
CHECKED - D.H.C. / N.R.B.		REVISED			ILLINOIS FED. AID PROJECT					



PLAN

Notes:
 See sheets 15 thru 20 of 62 for superstructure details and Bill of Material.
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
 See sheets 16 thru 18 of 62 for parapet reinforcement.

DESIGNED - DEWEY H. COULTAS	EXAMINED	DATE - FEBRUARY 25, 2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE STRUCTURE NO. 010 - 0289	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
CHECKED - NICHOLAS R. BARNETT	PASSED	REVISED			74	10-4BR	CHAMPAIGN	290	99	
DRAWN - MICHAEL B. MOSSMAN		REVISED			CONTRACT NO. 70700					
CHECKED - D.H.C. / N.R.B.		REVISED			ILLINOIS FED. AID PROJECT					



NEAR MIDSPAN

NEAR PIER

CROSS SECTION
(Looking North)

Note:
All horizontal dimensions are radial to C.H. 50 .

DESIGNED - DEWEY H. COULTAS
CHECKED - NICHOLAS R. BARNETT
DRAWN - MICHAEL B. MOSSMAN
CHECKED - D.H.C. / N.R.B.

EXAMINED
PASSED
ACTING ENGINEER OF BRIDGE DESIGN
ACTING ENGINEER OF BRIDGES AND STRUCTURES

DATE - FEBRUARY 25, 2013
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STRUCTURE NO. 010 - 0289

SHEET NO. 15 OF 62 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	10-4BR	CHAMPAIGN	290	100
CONTRACT NO. 70700			ILLINOIS FED. AID PROJECT	