

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	1

2
31

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

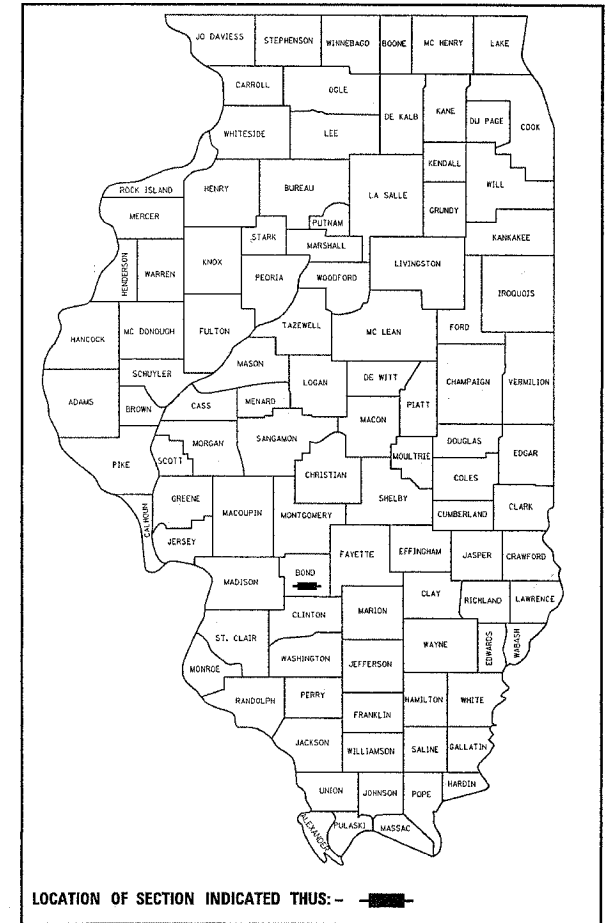
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 785 (IL ROUTE 140)
SECTION 137BR

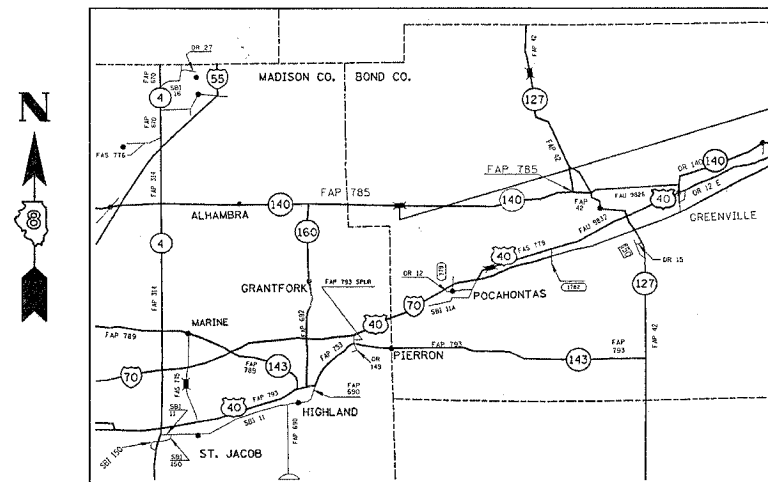
PROJECT: F-0785(026)

**STRUCTURE REMOVAL AND REPLACEMENT WITH
DUAL 12' X 8' PRECAST CONCRETE BOX CULVERT
BOND COUNTY**

D-98-006-91



C-98-084-01



PROJECT LOCATION
STR.# 003-0050 (EXISTING)
STR.# 003-2013 (PROPOSED)
STA. 1532+25.50
LATITUDE 38.88911
LONGITUDE 89.60551



R 5 W

T 5 N

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 14, 2006

May C. Jamie
DEPUTY, DIRECTOR OF HIGHWAYS, REGION ENGINEER

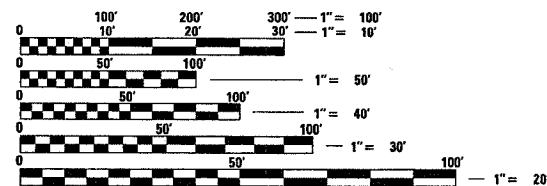
May 11, 2007

Eric E. Harndt
ENGINEER OF DESIGN AND ENVIRONMENT

May 11, 2007

Milton R. Sepp, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

FOR INDEX OF SHEETS, SEE SHEET NO. 2



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

DESIGN DESIGNATION

2005 ADT = 1400
2015 ADT = 1950
MU = 3.7%
SU = 4.1%

GROSS LENGTH = 22 FT
NET LENGTH = 22 FT

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: PATTI LEBEAU (618-346-3179)
SQUAD CONTACT: ART MUEHLFELD (618-346-3209)

CONTRACT NO. 76279

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

INDEX OF SHEETS

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- 4 TYPICAL SECTIONS
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29A. TRAFFIC BARRIER TERMINAL DETAIL

STANDARDS

000001-04	630301-04	701306-01
001001-01	630301-04	701321-08
001006	635006-02	701326-02
280001-03	635011-01	702001-06
406201	664001-01	704001-03
515001-02	701001-01	780001-01
630001-07	701301-01	781001-02
630101-07	701006-02	BLR6-5
631011-03	701011-01	

EROSION CONTROL PLAN

ANY AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE SEEDED (TEMPORARY AND PERMANENT) AT THE CONTRACTOR'S EXPENSE AND NO OTHER COMPENSATION WILL BE PERMITTED.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURE TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

TEMPORARY SEEDING AND MULCH SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRE.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE WITH CLASS 2 SEEDING.

COMMITMENTS

- THE DEPARTMENT HAS COMMITTED TO RETAIN THE TEMPORARY ENTRANCE AT STA. 1527+69.18 (RT) AT THE PROPERTY OWNER'S REQUEST. IN ADDITION THE DEPARTMENT HAS AGREED TO PROVIDE THE PROPERTY OWNER THE NECESSARY ROCK TO CONNECT THE TEMPORARY ENTRANCE TO HIS EXISTING ENTRANCE. A TOTAL OF 5 TONS OF AGGREGATE SURFACE COURSE TYPE B HAS BEEN INCLUDED IN THE QUANTITIES FOR THIS. THE ENGINEER WILL COORDINATE WITH THE PROPERTY OWNER AS TO WHERE THIS MATERIAL SHALL BE STORED.

GENERAL NOTES

- WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THE LOCATION.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES
 - AT&T
 - AMEREN IP
 - ALHAMBRA-GRANTFORK TELEPHONE COMPANY
 - VERIZON(GTE NORTH, INC.)
 - SOUTHWESTERN ELECTRIC COOPERATIVE, INC.
 - 3 COUNTY PUBLIC WATER

(MEMBERS OF J.U.L.I.E., PHONE 800-892-0123, ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

- THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PRIMED, AND FINAL SURFACE. AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS TWICE THE AMOUNT OF PERMANENT PAVEMENT MARKINGS HAS ALSO BEEN ADDED TO THE PLANS.
- ALL REMOVAL ITEMS SHALL BE SAW CUT. THE COST WILL BE INCLUDED IN THE COST OF THE REMOVAL ITEM.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE CONSIDERED TO BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLORESCENT ORANGE IN COLOR.
- THE RECLAIMED ASPHALT PAVEMENT FROM THIS PROJECT WILL BECOME THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND THE ORDERING OF MATERIALS.
- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOURS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ADJACENT PAVEMENT IS NOT DAMAGED DURING ANY OPERATION.
- RIGHT OF WAY MARKERS SHALL BE SET SO THE BACK OF THE POST IS TWELVE (12") INCHES INSIDE THE RIGHT OF WAY BOUNDARY. RIGHT OF WAY PROPERTY CORNERS ARE MARKED BY A 5/8" IRON ROD WITH IDOT ALUMINUM CAP AND SHALL NOT BE REMOVED OR DISTURBED WHEN SETTING THE RIGHT OF WAY MARKER.
- THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER SHALL BE PAINTED WHITE. THIS WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE APPLICABLE TRAFFIC CONTROL AND PROTECTION AND NO OTHER COMPENSATION SHALL BE ALLOWED.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING AN APPLICATION RATE OF .0015646 TONS/SQUARE YARD.
- EXCAVATIONS ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE FLASHING OR STEADY BURNING LIGHTS. NO ADDITIONAL COMPENSATION FOR THIS WILL BE ALLOWED.
- A QUANTITY OF 535 SQUARE YARDS OF PAVEMENT REMOVAL HAS BEEN INCLUDED IN THE PLANS. A TOTAL OF 73 SQUARE YARDS OF THIS QUANTITY IS ASSUMED TO BE BRIDGE APPROACH PAVEMENT.

MIXTURES REQUIREMENT CHART

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER/WIDENING	INCIDENTAL SURF	PARTIAL DEPTH PATCH	SHOULDERS	TOP LIFT SHOULDERS	BASE COURSE
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22	PG 64-22
RAP % (MAX)	10%	10%	15%	10%	10%	30%	30%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30	**2.0% @ Ndes=30	4.0% @ Ndes=70
MIX COMPOSITION	IL 19.0							
(GRADATION MIXTURE)								
ERUCTION AGG	MIXTURE "C"	MIXTURE "C"		MIXTURE "C"	MIXTURE "C"	BAM	BAM	

**TOP LIFT SHOULDERS-DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GEN. NOTES, INDEX,
 STDS., COMMITMENTS
 & MIX. REQUIREMENTS
 FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY

PLOT DATE = 5/3/2007
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 USER = 20066 / IN
 USER NAME = 00000000

Rev

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	X028-2A 20% STATE 80% FEDERAL	
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	60	60	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24	24	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	421	421	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	80	80	
20201550	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	32	32	
20300100	CHANNEL EXCAVATION	CU YD	42	42	
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	80	80	
28100107	STONE RIPRAP, CLASS A4	SQ YD	346	346	
28200200	FILTER FABRIC	SQ YD	346	346	
35600712	HOT-MIX ASPHALT BASE COURSE WIDENING, 9"	SQ YD	561	561	
40701956	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 13 3/4"	SQ YD	168	168	
44000100	PAVEMENT REMOVAL	SQ YD	535	535	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1	
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1	
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1	
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1	1	
50105220	PIPE CULVERT REMOVAL	FOOT	30	30	
51206200	TEMPORARY SHEET PILING	SQ FT	1285	1285	
54001001	BOX CULVERT END SECTION, CULVERT NO. 1	EACH	4	4	
54021208	PRECAST CONCRETE BOX CULVERT 12' X 8' (M273)	FOOT	84	84	
54200430	PIPE CULVERTS, TYPE 1 RCCP 15"	FOOT	42	42	
5421A015	PIPE CULVERTS, CLASS A, TYPE 1 15" (TEMPORARY)	FOOT	30	30	
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	737.5	737.5	
* 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	75	75	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1	
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	3	3	
63200310	GUARDRAIL REMOVAL	FOOT	360	360	
66410400	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	30	30	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	8	8	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	

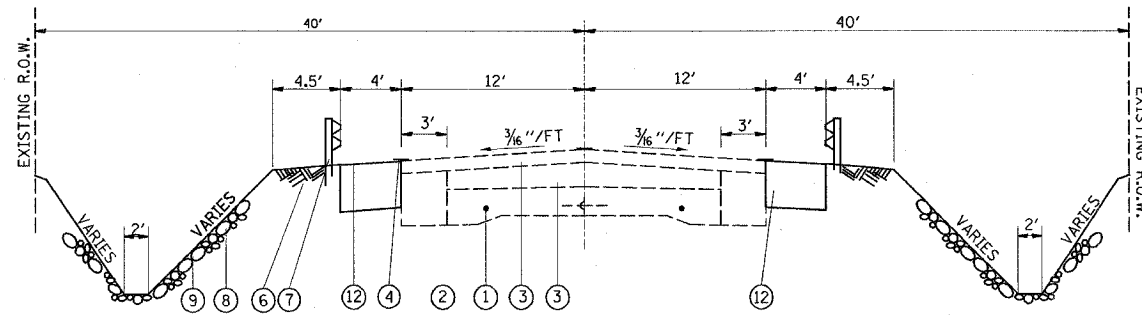
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	X028-2A 20% STATE 80% FEDERAL	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
70106700	TEMPORARY RUMBLE STRIP	EACH	6	6	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	204	204	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1834	1834	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1203	1203	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	375	375	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	337.5	337.5	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1834	1834	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	10	10	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	10	10	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	3	3	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	611	611	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	5	5	
X7200200	WIDE LOAD SIGNING	L SUM	1	1	
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
Z0064505	SECTION CORNER MARKERS	EACH	1	1	
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1285	1285	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	66	66	
40200100	AGGREGATE SURFACE COURSE, TYPE A	TON	118	118	

PLOT DATE = 4/1/2007
 PLOT SCALE = 24.000 / IN.
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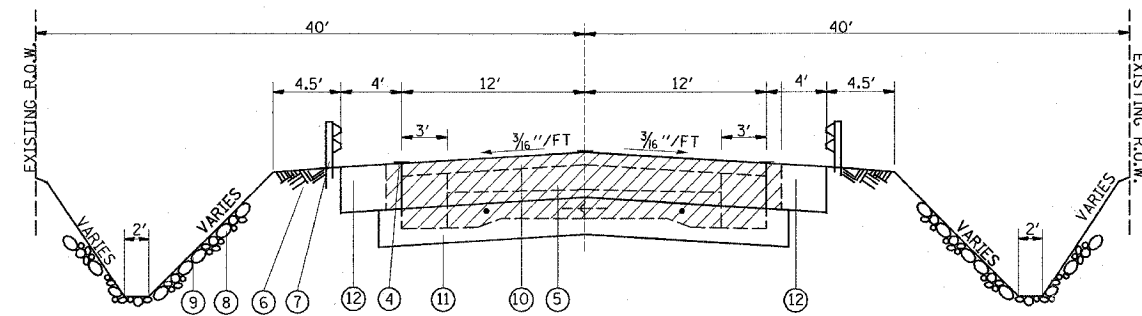
Rev

* SPECIALTY ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION
 STA. 1528+99.00 TO STA. 1531+94.00
 STA. 1532+57.00 TO STA. 1535+53.00

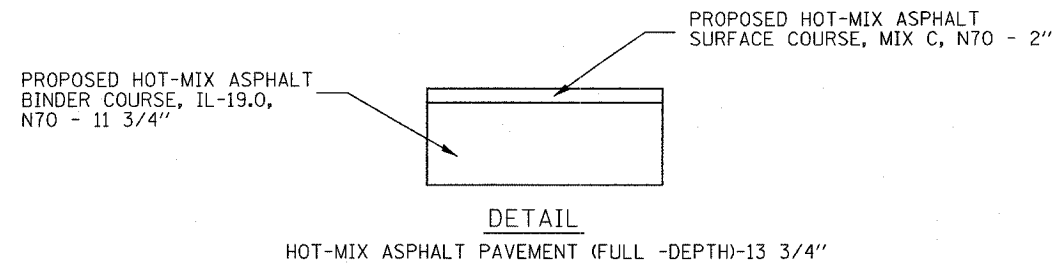


TYPICAL SECTION
 STA. 1531+94.00 TO STA. 1532+57.00

LEGEND

- ① EXISTING PCC PAVEMENT - 9-6-9
- ② EXISTING PCC WIDENING - 9"
- ③ EXISTING RESURFACING
- ④ PROPOSED THERMOPLASTIC PAVEMENT MARKING LINE - 4"
- ⑤ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH) - 13 3/4"
- ⑥ PROPOSED EARTH SHOULDERS
- ⑦ PROPOSED SPBGR-TYPE A
- ⑧ PROPOSED STONE RIPRAP CLASS A4
- ⑨ PROPOSED FILTER FABRIC
- ⑩ PROPOSED PAVEMENT REMOVAL*
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE B - 12"
- ⑫ PROPOSED HMA BASE COURSE WIDENING - 9"

NOTE: WIDENING LEFT OF CENTERLINE BEGINS AT STA. 1529+11.00 AND ENDS AT STA. 1535+53.00; WIDENING RIGHT OF CENTERLINE BEGINS AT STA. 1528+99.00 AND ENDS AT STA. 1535+19.00.
 *PAVEMENT REMOVAL FROM STA. 1531+94.00 TO STA. 1532+14.00 AND STA. 1532+36.00 TO STA. 1532+54.00



DETAIL

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH)-13 3/4"

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TYPICALS

FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HMA SCHEDULE

LOCATION STATION TO STATION	HMA BASE COURSE WIDENING 9" SQ YD	HMA FULL DEPTH PAVT. 13 3/4" SQ YD	SUBBASE GRANULAR MATERIAL TYPE B CU YD
STA. 1529+11.00 TO STA. 1535+53.00 (LT)	285.5		
STA. 1528+99.00 TO STA. 1535+19.00 (RT)	275.5		
STA. 1531+94.00 TO STA. 1532+57.00		168	32
TOTAL	561.0	168	32

TREE REMOVAL

STATIONING	OFFSET	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (6 TO 15 UNITS DIAMETER)
1532+15.800	42.0' RT		24
1532+63.150	26.6' LT	6	
1532+65.125	37.5' LT	6	
1532+65.800	39.2' RT	12	
1532+68.500	37.9' RT	10	
1532+71.125	38.6' RT	10	
1532+86.250	22.6' LT	6	
1532+89.250	29.4' LT	6	
TOTAL		60	24

GUARDRAIL REMOVAL

LOCATION STATION TO STATION	SIDE	LENGTH (FOOT)
1531+50.40 TO 1533+28.82	LT	180
1531+21.03 TO 1532+99.07	RT	180
TOTAL		360

STRUCTURE REMOVAL

LOCATION NO.	STATION	OFFSET	QUANTITY (EACH)	REMARKS
LOCATION 1	1532+25.50		1	BRIDGE
LOCATION 2	1532+49.08	31.8' LT	1	CONC. SPILLWAY
LOCATION 3	1533+20.30	32.9' LT	1	BRICK SPILLWAY
LOCATION 4	1532+35.16	35.6' RT	1	CONC. SPILLWAY
TOTAL			4	

RIGHT OF WAY MARKERS

LOCATION	STATION	OFFSET	DESCRIPTION OF CORNER	ROW CORNERS (EACH)
IL 140	1531+25	40' LT	ROW	1
IL 140	1531+50	40' RT	ROW	1
IL 140	1531+75	45' RT	ROW	1
IL 140	1532+00	45' LT	ROW	1
IL 140	1532+75	45' RT	ROW	1
IL 140	1533+10	40' RT	ROW	1
IL 140	1533+25	45' LT	ROW	1
IL 140	1533+25	40' LT	ROW	1
IL 140	1532+23.71	45' LT	ROW	1
TOTAL				9

GUARDRAIL SCHEDULE

STATIONING	SIDE	SPBGR. TY A (FOOT)	TBT. TY 1 SPECIAL (EACH)	TBT. TY 2 (EACH)	GR ATTACHED TO STRUCT. (FOOT)	GUARDRAIL, MRKRS., TY. A (EACH)	TERMINAL MRKR. DIRECT APPLIED (EACH)
1530+98.875	LT		1				1
1530+98.875 TO 1532+11.375	LT	112.50				1	
1529+82.500	RT			1			
1529+82.500 TO 1532+11.375	RT	250.00				3	
1532+11.375 TO 1532+48.875	LT				37.5		
1532+11.375 TO 1532+48.875	RT				37.5		
1532+48.875 TO 1535+23.875	LT	275.00				4	
1535+23.875	LT		1				1
1532+48.875 TO 1532+11.375	RT	100.00				2	
1532+11.375	RT		1				1
TOTAL		737.50	3	1	75.0	10	3

PIPE CULVERT REMOVAL

STATION	OFFSET	LENGTH FEET
1527+69	29' RT	36
1527+69	31' LT	30
1529+72	30' LT	30
1531+98	35' RT	32
TOTAL		128

SECTION CORNERS

STATION	OFFSET	QUANTITY EACH
1534+86.14	4.6' RT	1

FENCE SCHEDULE

LOCATION	OFFSET	FENCE TO BE REMOVED (FEET)	FENCE TO BE RE-ERECTED (FEET)
STA. 1532+53.00 TO STA. 1532+77.50	44' RIGHT TO 39.25' RIGHT	30	25

PAVEMENT MARKING

LOCATION STATION TO STATION	THERMOPLASTIC PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING		RAISED REFLECTIVE PAVEMENT MARKERS		SHORT TERM PAVEMENT MARKING FOOT	WORK ZONE PAVT. MRK. REMOVAL SQUARE FOOT	PAVEMENT MARKING REMOVAL SQUARE FOOT	REMARKS
	SOLID WHITE LINE 4" FOOT	YELLOW SKIP DASH LINE 4" FOOT	SOLID WHITE LINE 4" FOOT	YELLOW SKIP DASH LINE 4" FOOT	PAVT. MRKR. INSTALL. EACH	PAVT. MRKR. REM. EACH				
1528+26.00 TO 1536+29.00							10.00	576.2	594.0	STAGE 1A
1528+26.00 TO 1536+29.00	79.5	10.00	79.5	10.00			193.75	626.8	16.3	STAGE 1B
1528+14.25 TO 1535+89.25	1550.0	193.75	1550.0	193.75	9.7	9.7	203.75	1203.0	610.3	STAGE 2
TOTAL	1629.5	203.75	1629.5	203.75	9.7	9.7	203.75	1203.0	610.3	
ROUNDED TOTAL	1630.0	204.00	1630.0	204.00	10.0	10.0	204.00	1203.0	611.0	

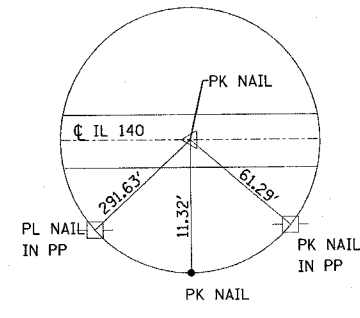
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REVISIONS	
NAME	DATE

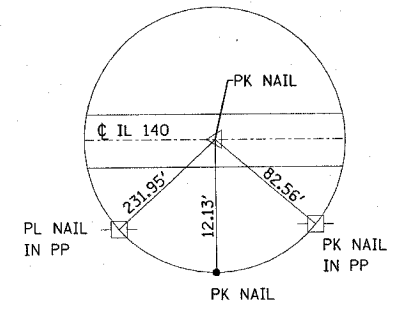
ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

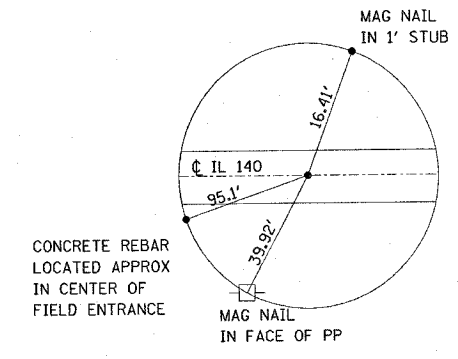
FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY



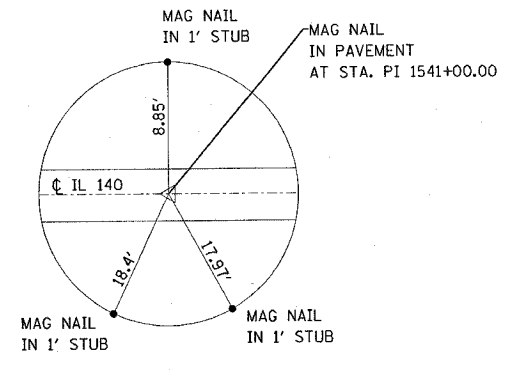
TIE POINT
POL 1501+09.99



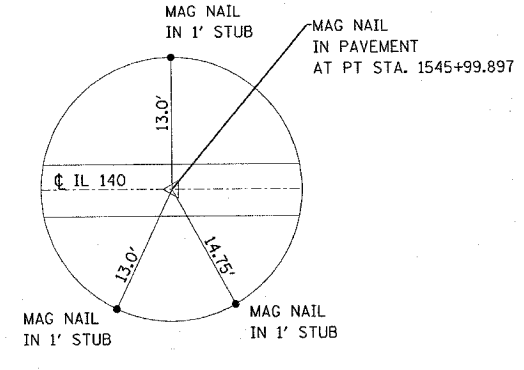
TIE POINT
POL 1524+62.25



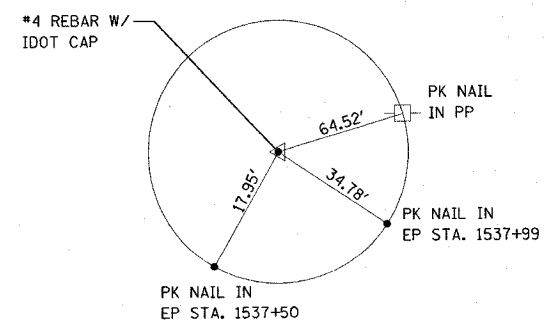
TIE POINT
PC STA. 1536+00.00



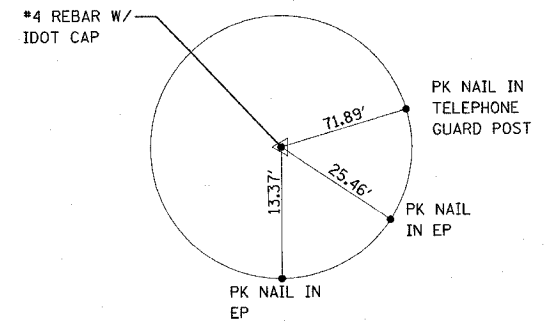
TIE POINT
PI STA. 1541+00.00



TIE POINT
PT STA. 1545+99.897



CONTROL POINT #4



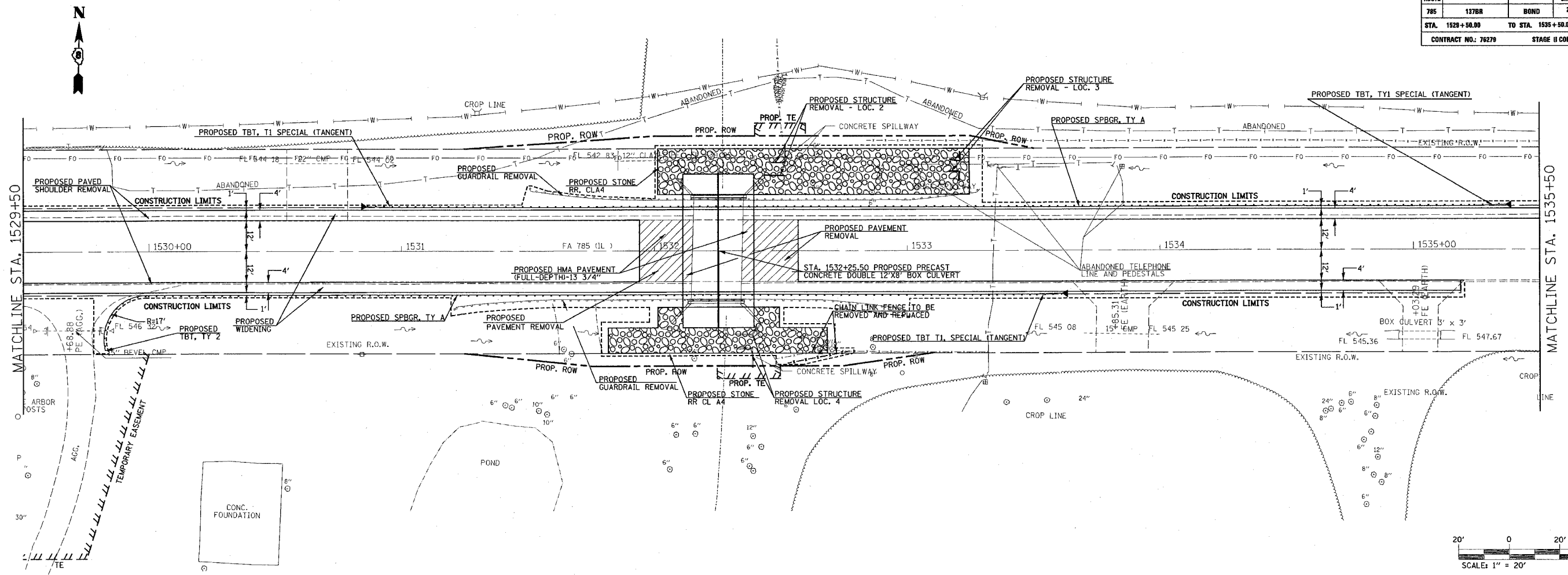
CONTROL POINT #3

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USER NAME = csmartin

REVISIONS	
NAME	DATE

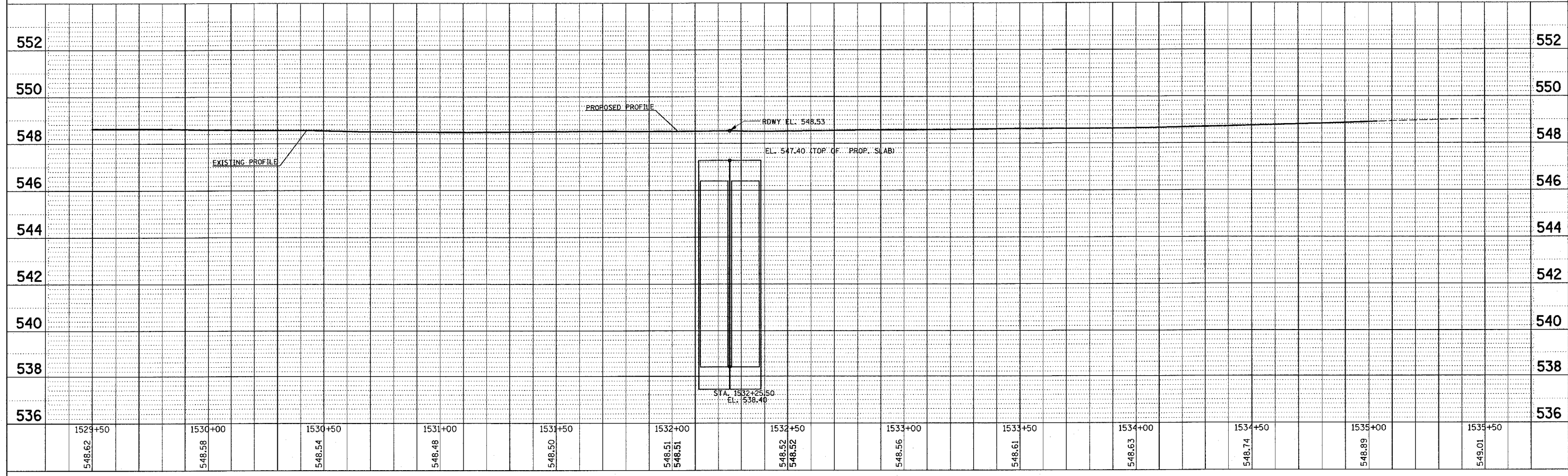
ILLINOIS DEPARTMENT OF TRANSPORTATION
**ALIGNMENT, TIE POINTS,
AND BENCHMARKS**
FAP ROUTE 785
SECTION 137BR
BOND COUNTY

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
785	137BR	BOND	29	8
STA. 1529+50.00		TO STA. 1535+50.00		
CONTRACT NO. 76279		STAGE II CONSTRUCTION		



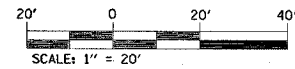
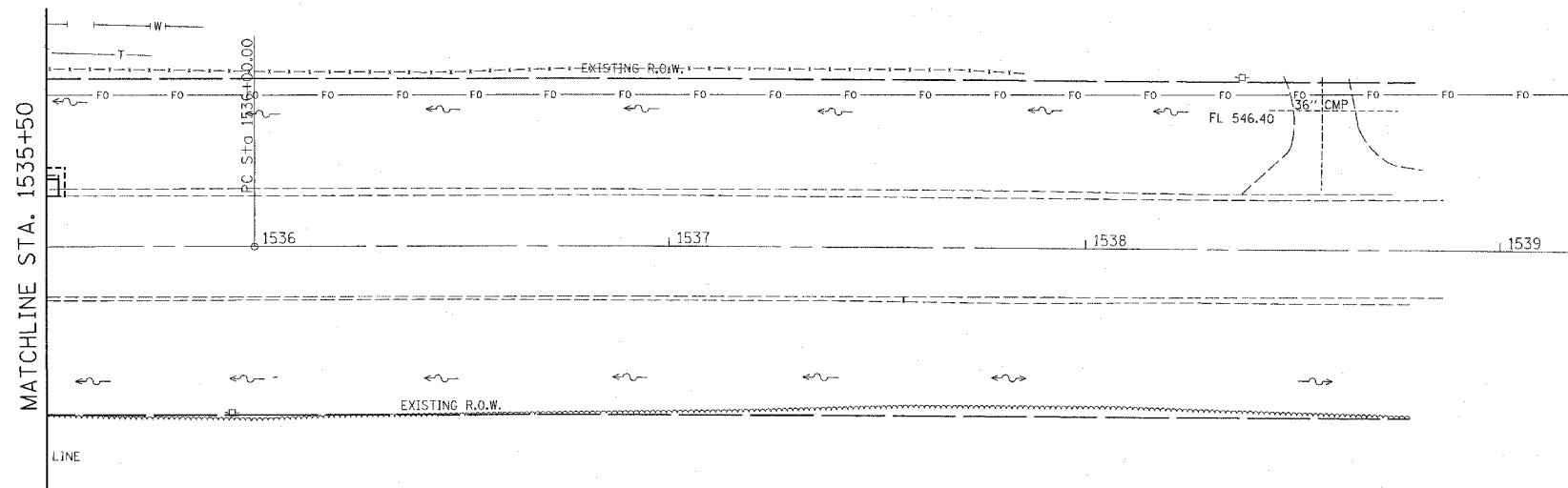
PLAN	DATE	BY
NO.		
NO.		
NO.		
NO.		
NO.		

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



PLOT DATE: 4/2/2007

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
785	137BR	BOND	29	9
STA. 1535+50.00		TO STA. 1536+00.00		
CONTRACT NO.: 76279				



DATE	BY
DATE	BY
DATE	BY

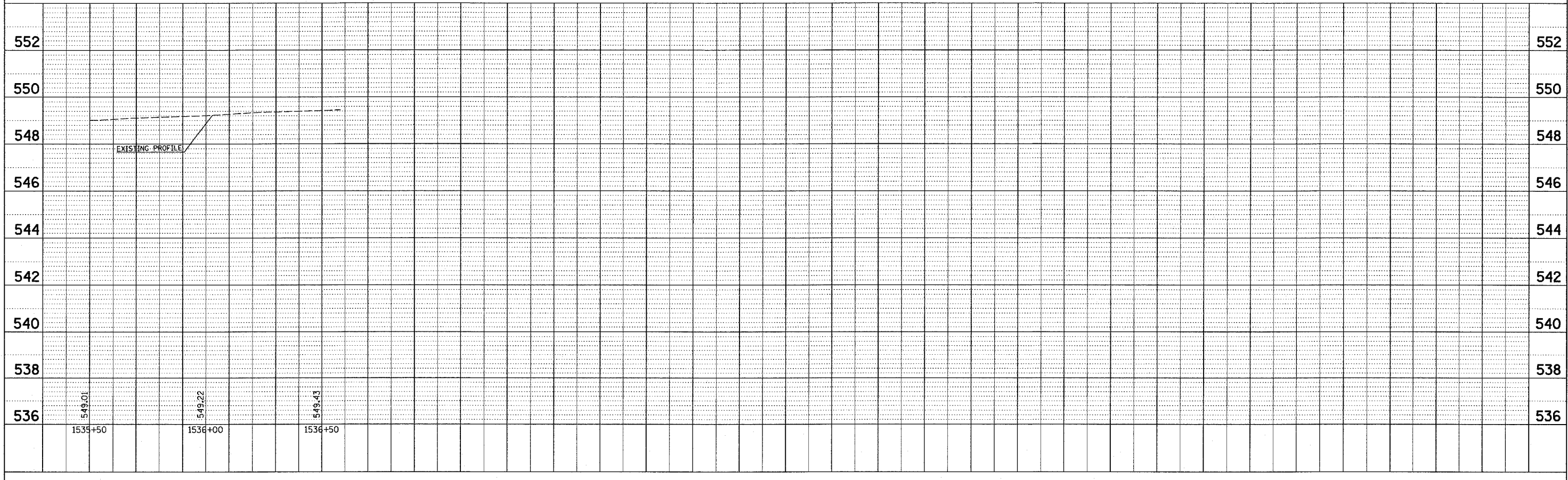
SURVEYED
 ALIGNMENT CHECKED
 PLOTTING CHECKED
 PLOTTED FILE NAME

PLAN	NO.

DATE	BY
DATE	BY
DATE	BY

PROFILE
 GRADES CHECKED
 STRUCTURE NOTATION CHECKED
 STRUTTURE NOTATION CHECKED

PROFILE	NO.



4/2/2007
 4/2/2007
 4/2/2007
 4/2/2007

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUGGESTED STAGE CONSTRUCTION

STAGE 1A CONSTRUCTION:

1. STAGE 1A CONSTRUCTION SHALL CONSIST OF:
CONSTRUCTING THE 4' WIDENING ON THE NORTH FROM STATION 1529+11 TO STATION 1535+53 FOR STAGE 1B TRAFFIC; AND
CONSTRUCTING THE NEW PRIVATE ENTRANCE AND THE TEMPORARY FIELD ENTRANCE AT STATION 1527+69.18 (RT).
2. THE TEMPORARY WIDENING SHALL CONSIST OF 9" HOT-MIX ASPHALT BASE COURSE (WIDENING).
3. BOTH LANES OF TRAFFIC ON FAP 785 SHALL BE OPEN TO TRAFFIC DURING PHASE 1A OF CONSTRUCTION.
4. THIS WORK SHALL BE DONE IN ACCORDANCE WITH TRAFFIC CONTROL STANDARD 701326.

STAGE 1B CONSTRUCTION:

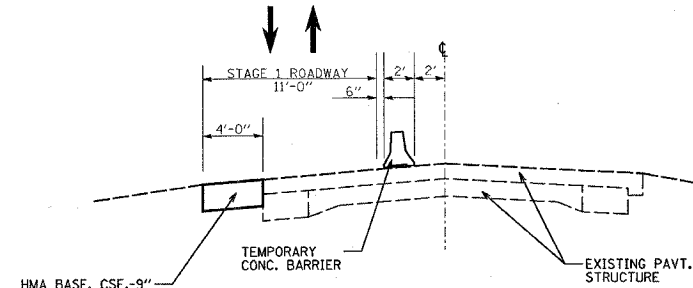
1. STAGE 1B CONSTRUCTION SHALL CONSIST OF:
REMOVAL OF THE EXISTING PAVEMENT NECESSARY FOR STAGE 1 CONSTRUCTION OF THE PROPOSED BOX CULVERT;
STAGE 1 REMOVAL OF THE EXISTING STRUCTURE AND ALL WORK NECESSARY TO COMPLETE STAGE 1 CONSTRUCTION OF THE REPLACEMENT STRUCTURE;
CONSTRUCTION OF THE 4' WIDENING FROM STATION 1528+99 TO STATION 1535+19 FOR STAGE 2 TRAFFIC;
PLACEMENT OF THE RIPRAP AND REMOVAL OF THE EXISTING STRUCTURES AS INDICATED IN THE PLANS; AND
CONSTRUCTION OF THE PROPOSED HOT-MIX ASPHALT FULL DEPTH PAVEMENT TO THE LIMITS SHOWN.
2. THE 4' WIDENING SHALL CONSIST OF 9" HOT-MIX ASPHALT BASE COURSE (WIDENING) AND THE PROPOSED FULL DEPTH PAVEMENT SHALL CONSIST OF 2" HOT-MIX ASPHALT SURFACE COURSE, MX C, N70 AND 11 3/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70.
3. STAGE 1 STRUCTURE REMOVAL AND BOX CULVERT CONSTRUCTION SHALL BE DONE ACCORDING TO STAGE 1 CONSTRUCTION AS DETAILED IN THE STRUCTURE PLANS.
4. TRAFFIC CONTROL FOR STAGE 1B SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARD 701321 AND AS DETAILED IN THE STAGE CONSTRUCTION PLANS. THIS TRAFFIC CONTROL SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION 701321.
5. ANY ADDITIONAL SIGNING OR TRAFFIC CONTROL DEVICES SHOWN IN THE STAGE CONSTRUCTION PLANS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION 701321.

STAGE 2 CONSTRUCTION:

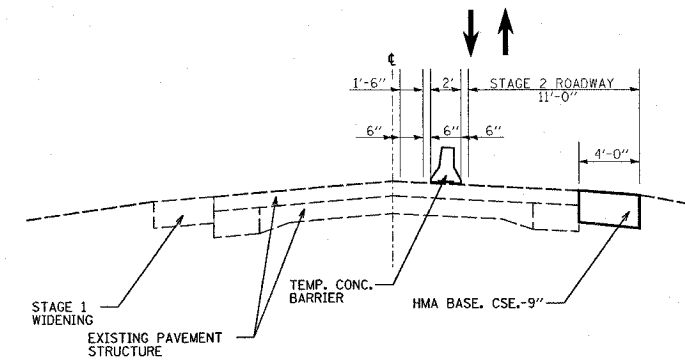
1. STAGE 2 CONSTRUCTION SHALL CONSIST OF:
REMOVAL OF THE EXISTING PAVEMENT NECESSARY FOR STAGE 2 CONSTRUCTION OF PROPOSED BOX CULVERT;
STAGE 2 REMOVAL OF THE EXISTING STRUCTURE AND ALL WORK NECESSARY TO COMPLETE STAGE 2 CONSTRUCTION OF THE REPLACEMENT STRUCTURE; AND REMOVAL OF THE TEMPORARY FIELD ENTRANCE.
2. STAGE 2 STRUCTURE REMOVAL AND BOX CULVERT CONSTRUCTION SHALL BE DONE ACCORDING TO STAGE 2 CONSTRUCTION AS DETAILED IN THE STRUCTURE PLANS.
3. TRAFFIC CONTROL FOR STAGE 2 SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF STANDARD 701321, AND AS DETAILED IN THE STAGE CONSTRUCTION PLANS. THIS TRAFFIC CONTROL SHALL BE PAID FOR AS TRAFFIC CONTROL AND PROTECTION 701321.
4. ANY ADDITIONAL SIGNING OR TRAFFIC CONTROL DEVICES SHOWN IN THE STAGE CONSTRUCTION PLANS SHALL BE CONSIDERED AS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION 701321.

NOTES:

1. THE CONTRACTOR SHALL MAINTAIN TEMPORARY ACCESS TO THE FIELD ENTRANCE LOCATED WITHIN THE LIMITS OF THE PROJECT.
2. TEMPORARY ACCESS SHALL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR AGGREGATE FOR TEMPORARY ACCESS.
3. USE STANDARD TRAFFIC CONTROL AND PROTECTION EXCEPT WHERE NOTED.
4. THE BOTTOM 6" OF THE TEMPORARY CONCRETE BARRIER SHALL BE PAINTED WITH TEMPORARY PAVEMENT MARKING "WHITE". THE COST SHALL BE CONSIDERED AS INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER.
5. ALL CONFLICTING PAVEMENT MARKING SHALL BE REMOVED PRIOR TO PLACING PAVEMENT MARKING NECESSARY FOR STAGE CONSTRUCTION. THE COST FOR THIS SHALL BE INCLUDED IN THE APPLICABLE TRAFFIC CONTROL AND PROTECTION STANDARD.



STAGE 1 TYPICAL



STAGE 2 TYPICAL

PLOT DATE = 4/2/2007
 PLOT SCALE = 28.0000 / IN.
 USER NAME = csmcm

REVISIONS	
NAME	DATE

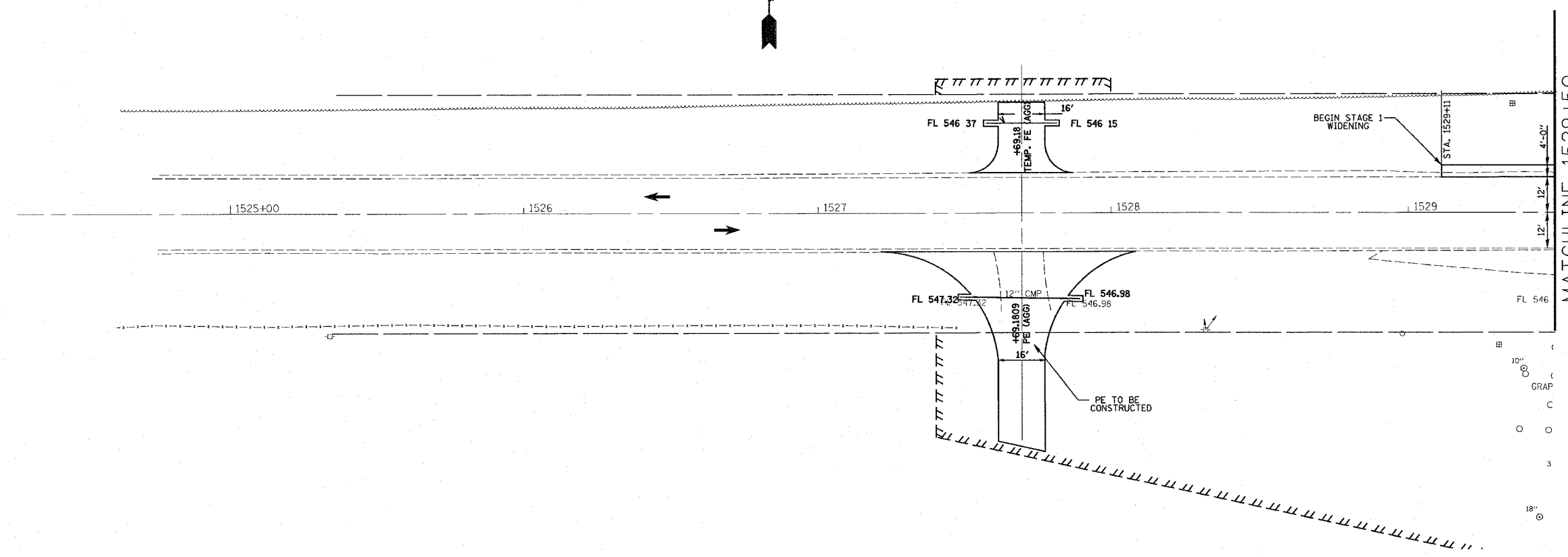
ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION
 NOTES AND DETAILS

FAP ROUTE 785
 SECTION 137BR

SCALE: VERT. HORIZ.
 DATE BOND COUNTY DRAWN BY
 CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	11
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



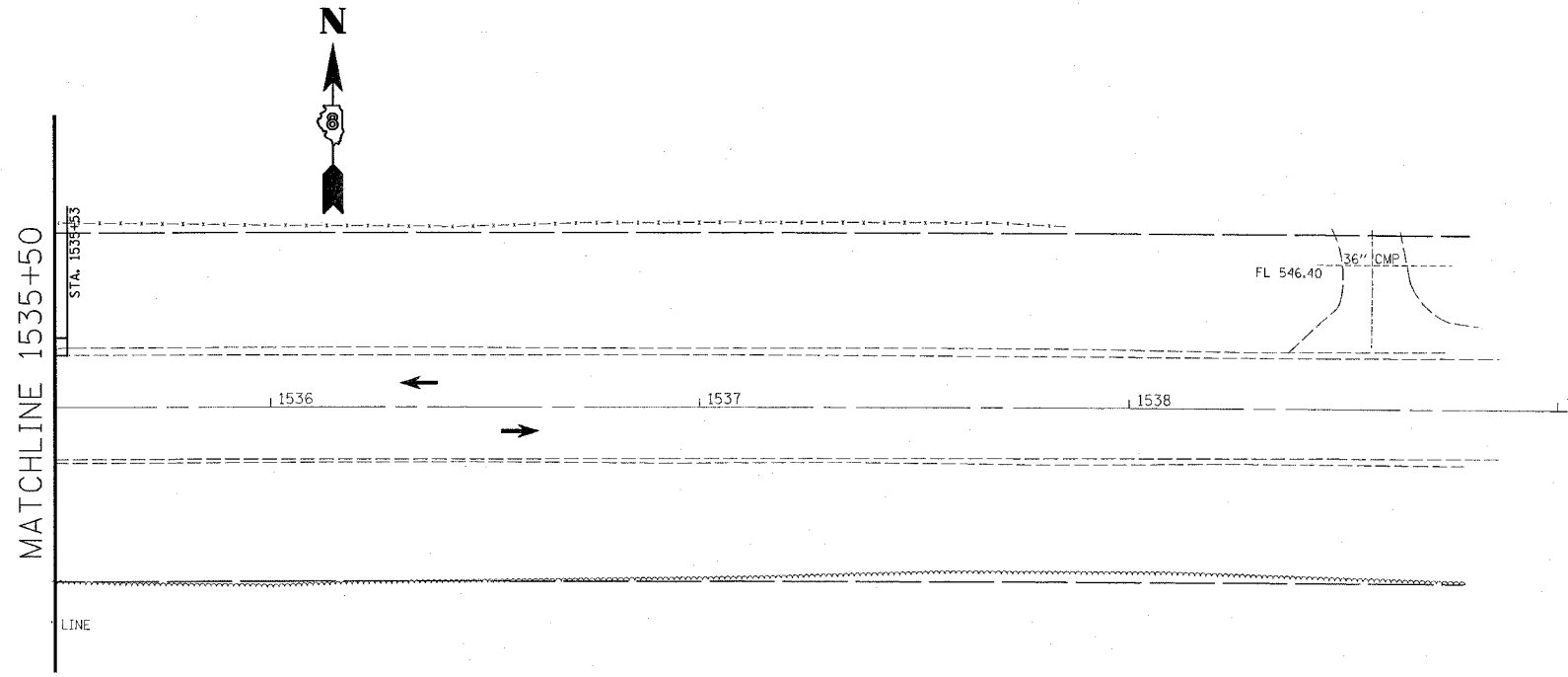
LEGEND:

	REMOVAL
	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATOR
	DRUM WITH STEADY BURNING LIGHT
	SIGNALIZED TWO-WAY LANE
	TEMPORARY TRAFFIC SIGNAL
	TYPE III BARRICADE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STAGE CONSTRUCTION STAGE 1A FAP ROUTE 785 SECTION 137BR SCALE: VERT. DRAWN BY HORIZ. BOND COUNTY CHECKED BY DATE

PLOT DATE = 4/2/2007
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 USER NAME = csherman

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	24	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

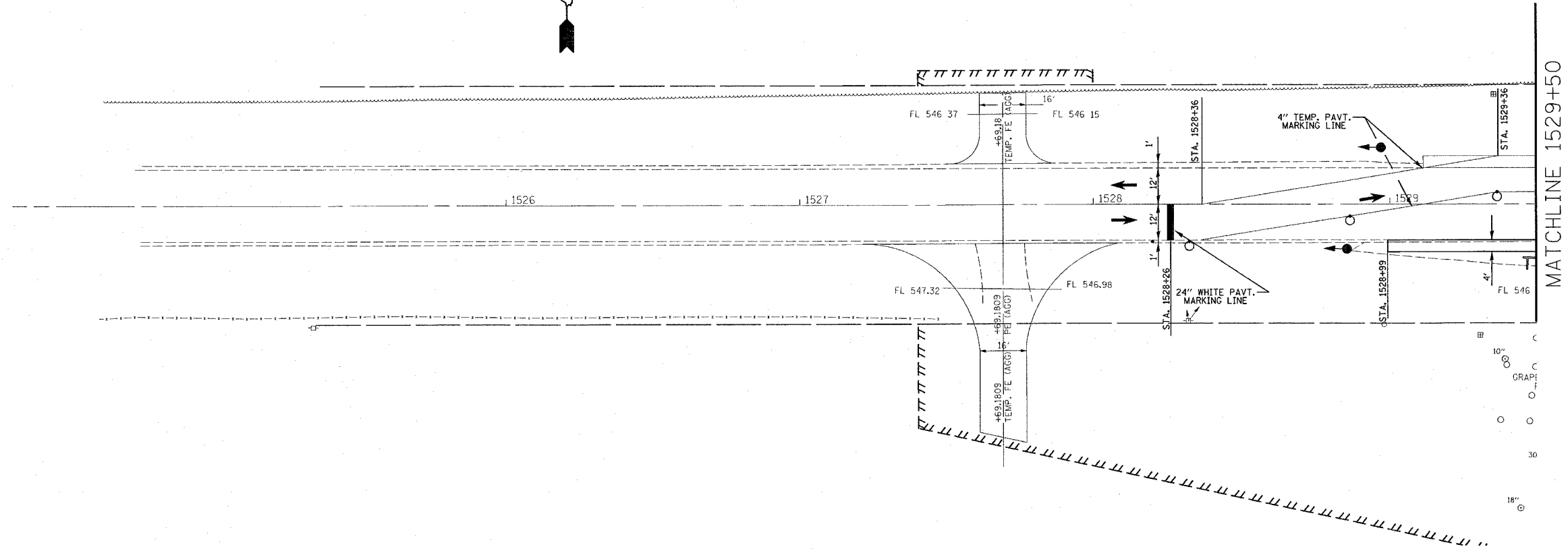
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	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATOR
	DRUM WITH STEADY BURNING LIGHT
	SIGNALIZED TWO-WAY LANE
	TEMPORARY TRAFFIC SIGNAL
	TYPE III BARRICADE

PLOT DATE = 4/2/2007
 FILE NAME = c:\p\projects\76279\plan\p137br.dgn
 PLOT SCALE = 28.000' / 1" / IN.
 USER NAME = csmartin

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION
STAGE 1A
 FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY
 SCALE: VERT. _____
 DATE: _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	24	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



MATCHLINE 1529+50

GRAPHIC SCALE
10'
30'
18"

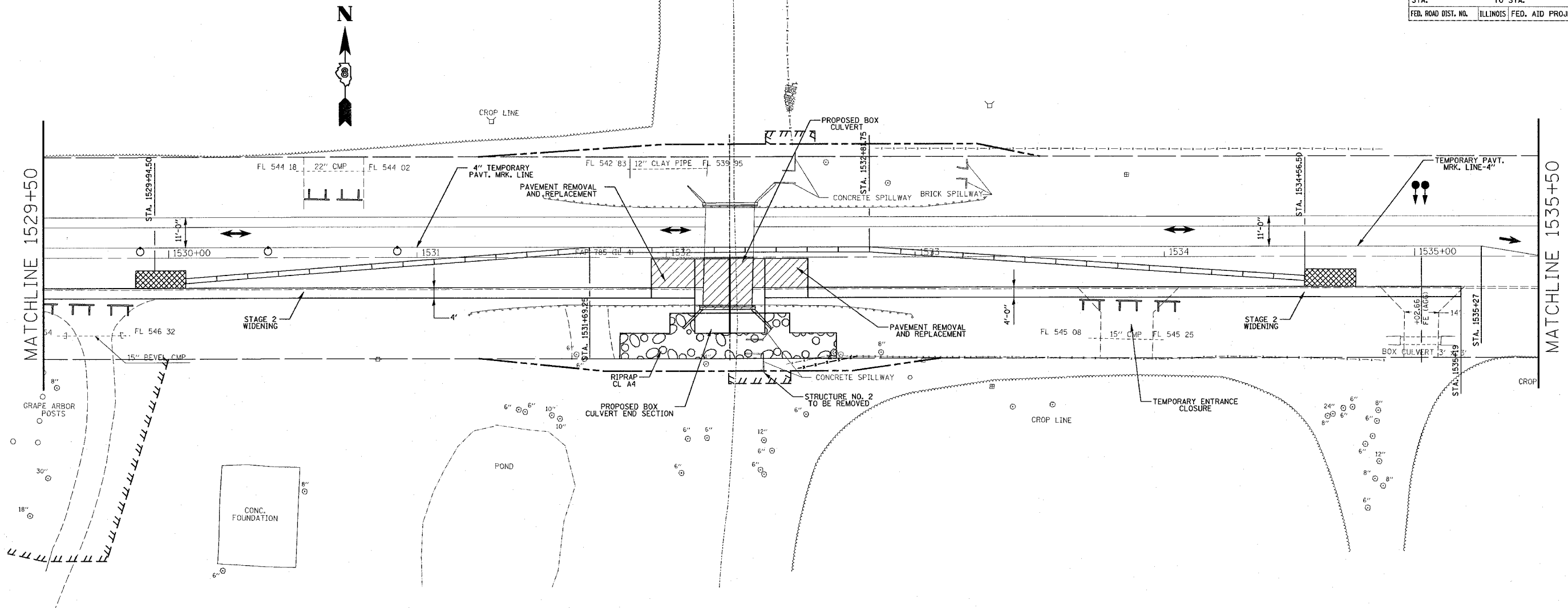
LEGEND:

	REMOVAL
	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATOR
	DRUM WITH STEADY BURNING LIGHT
	SIGNALIZED TWO-WAY LANE
	TEMPORARY TRAFFIC SIGNAL
	TYPE III BARRICADE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION STAGE CONSTRUCTION STAGE 1B FAP ROUTE 785 SECTION 137BR
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
		DRAWN BY
		CHECKED BY

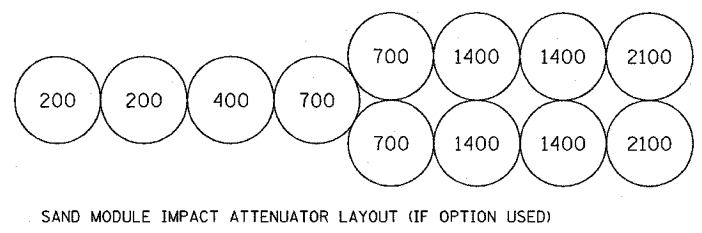
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	24	15
STA. 1529+50		TO STA. 1535+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND:

	REMOVAL
	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATOR
	DRUM WITH STEADY BURNING LIGHT
	SIGNALIZED TWO-WAY LANE
	TEMPORARY TRAFFIC SIGNAL
	TYPE III BARRICADE

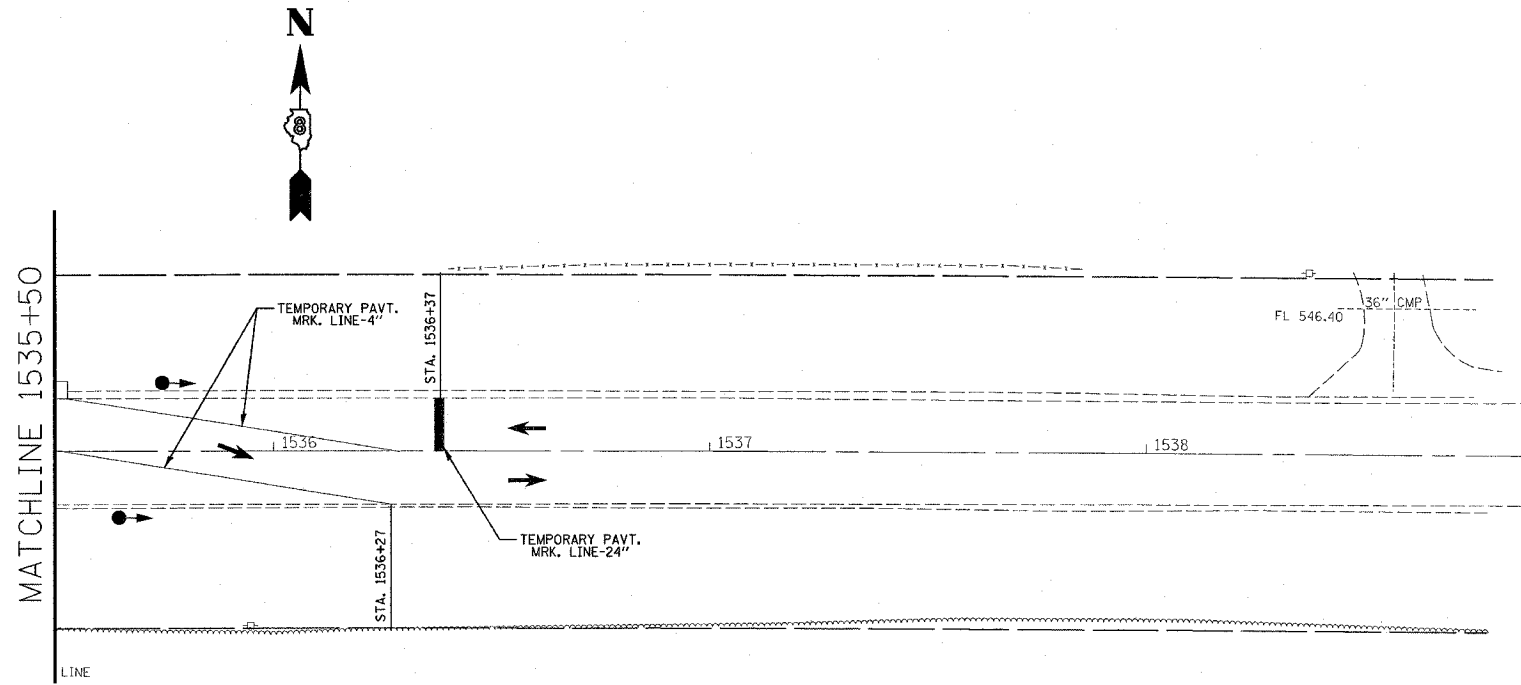


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





REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STAGE CONSTRUCTION
STAGE 1B
 FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	21	16
STA.		TO STA.		
FED. ROAD DIST. NO. 6		ILLINOIS	FED. AID PROJECT	



LEGEND:

-  REMOVAL
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  DRUM WITH STEADY BURNING LIGHT
-  SIGNALIZED TWO-WAY LANE
-  TEMPORARY TRAFFIC SIGNAL
-  TYPE III BARRICADE

PLOT DATE = 4/2/2007
 PLOT SCALE = 20.000' = 1"
 USER NAME = gmsantam

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION

STAGE 1B

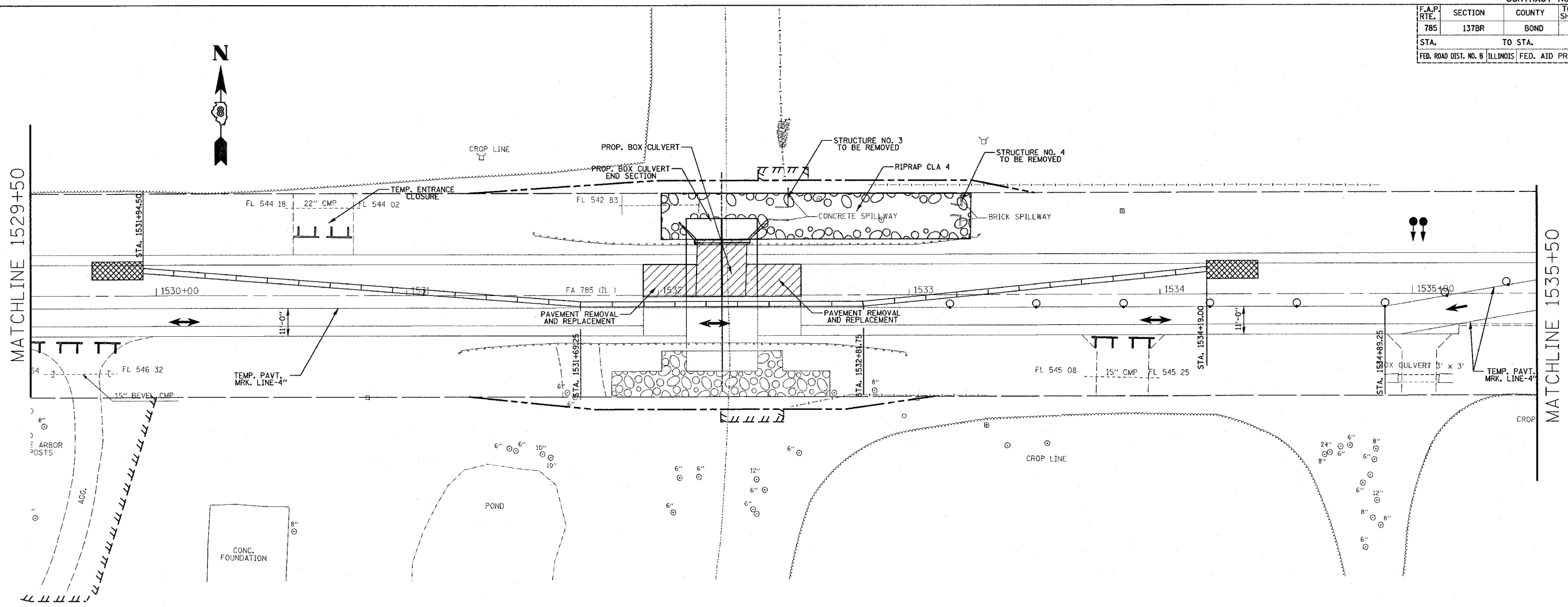
FAP ROUTE 785

SECTION 137BR

SCALE: VERT. BOND COUNTY
 DATE: _____

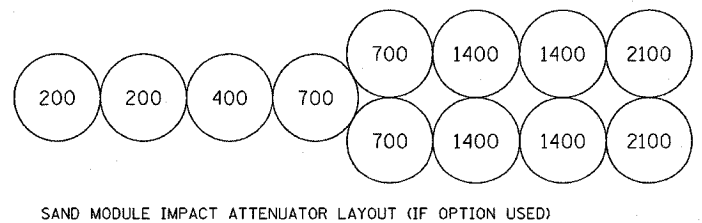
DRAWN BY _____
 CHECKED BY _____

CONTRACT NO. 76279				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	24	18
STA.		TO STA.		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



LEGEND:

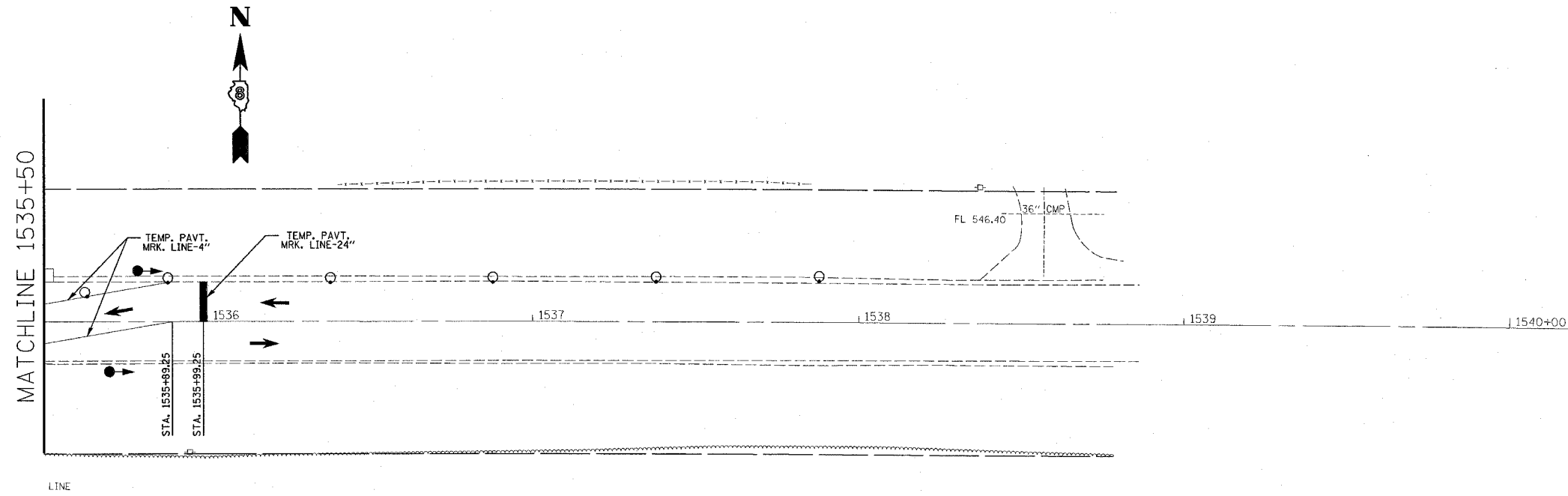
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	IMPACT ATTENUATOR
	DRUM WITH STEADY BURNING LIGHT
	SIGNALIZED TWO-WAY LANE
	TEMPORARY TRAFFIC SIGNAL
	TYPE III BARRICADE



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STAGE CONSTRUCTION STAGE 2 FAP ROUTE 785 SECTION 137BR BOND COUNTY
SCALE:	VERT. HORIZ.	DRAWN BY
DATE		CHECKED BY

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USER NAME = camantm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	19
STA.		TO STA.		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	



LEGEND:

- REMOVAL
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR
- DRUM WITH STEADY BURNING LIGHT
- SIGNALIZED TWO-WAY LANE
- TEMPORARY TRAFFIC SIGNAL
- TYPE III BARRICADE

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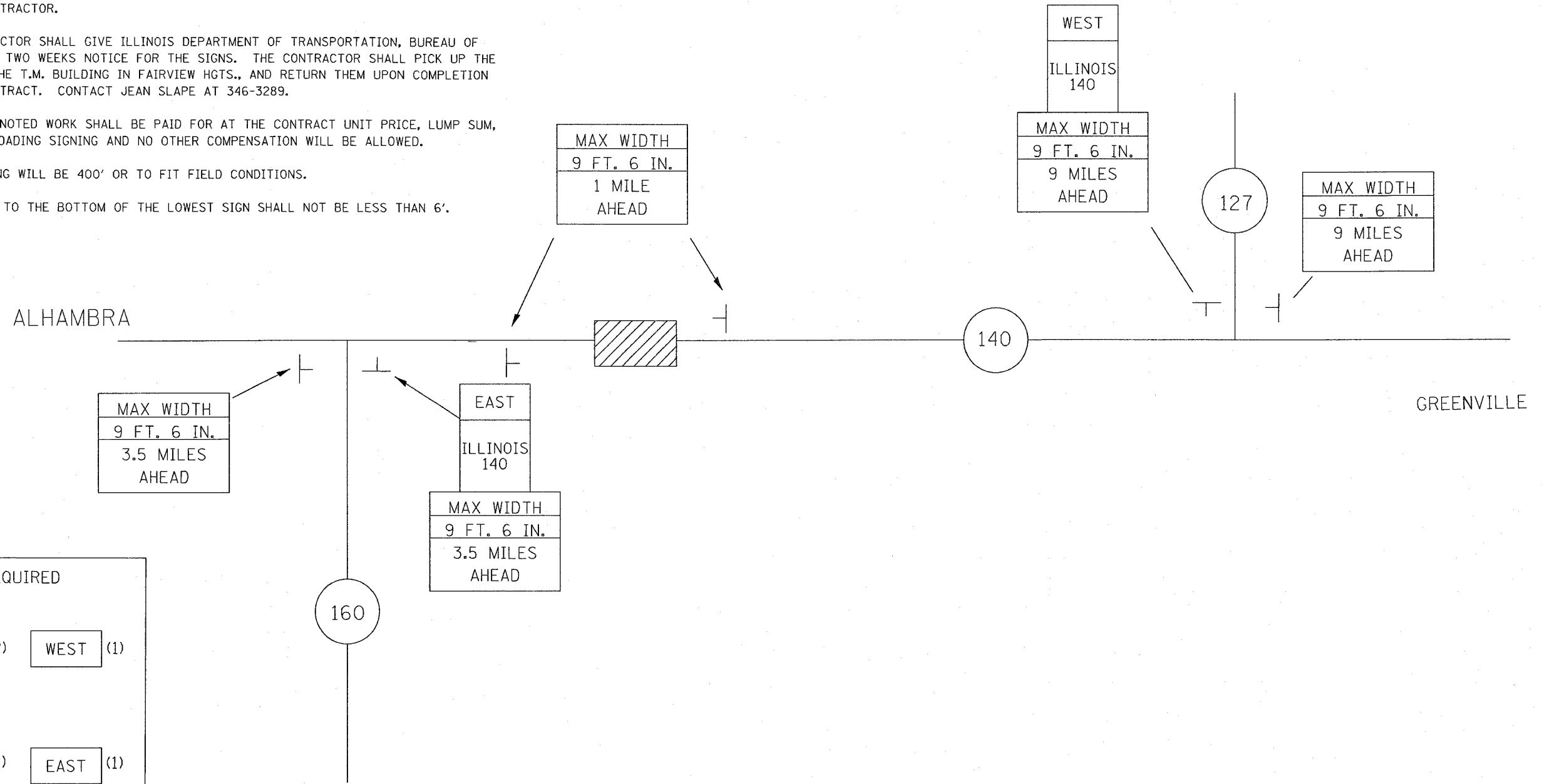
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STAGE CONSTRUCTION STAGE 2 FAP ROUTE 785 SECTION 137BR SCALE: VERT. DRAWN BY HORIZ. BOND COUNTY CHECKED BY DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

WIDE LOADING SIGNING IL 140 OVER LITTLE SILER CREEK

NOTES

1. ALL SIGNS REQUIRED WILL BE SUPPLIED TO THE CONTRACTOR BY I.D.O.T.
2. THE CONTRACTOR SHALL FURNISH THE POSTS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THIS SHEET, AS DIRECTED BY THE R.E./R.T. THE POSTS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL GIVE ILLINOIS DEPARTMENT OF TRANSPORTATION, BUREAU OF OPERATIONS TWO WEEKS NOTICE FOR THE SIGNS. THE CONTRACTOR SHALL PICK UP THE SIGNS AT THE T.M. BUILDING IN FAIRVIEW HGTS., AND RETURN THEM UPON COMPLETION OF THE CONTRACT. CONTACT JEAN SLAPE AT 346-3289.
4. THE ABOVE NOTED WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE, LUMP SUM, FOR WIDE LOADING SIGNING AND NO OTHER COMPENSATION WILL BE ALLOWED.
5. SIGN SPACING WILL BE 400' OR TO FIT FIELD CONDITIONS.
6. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.



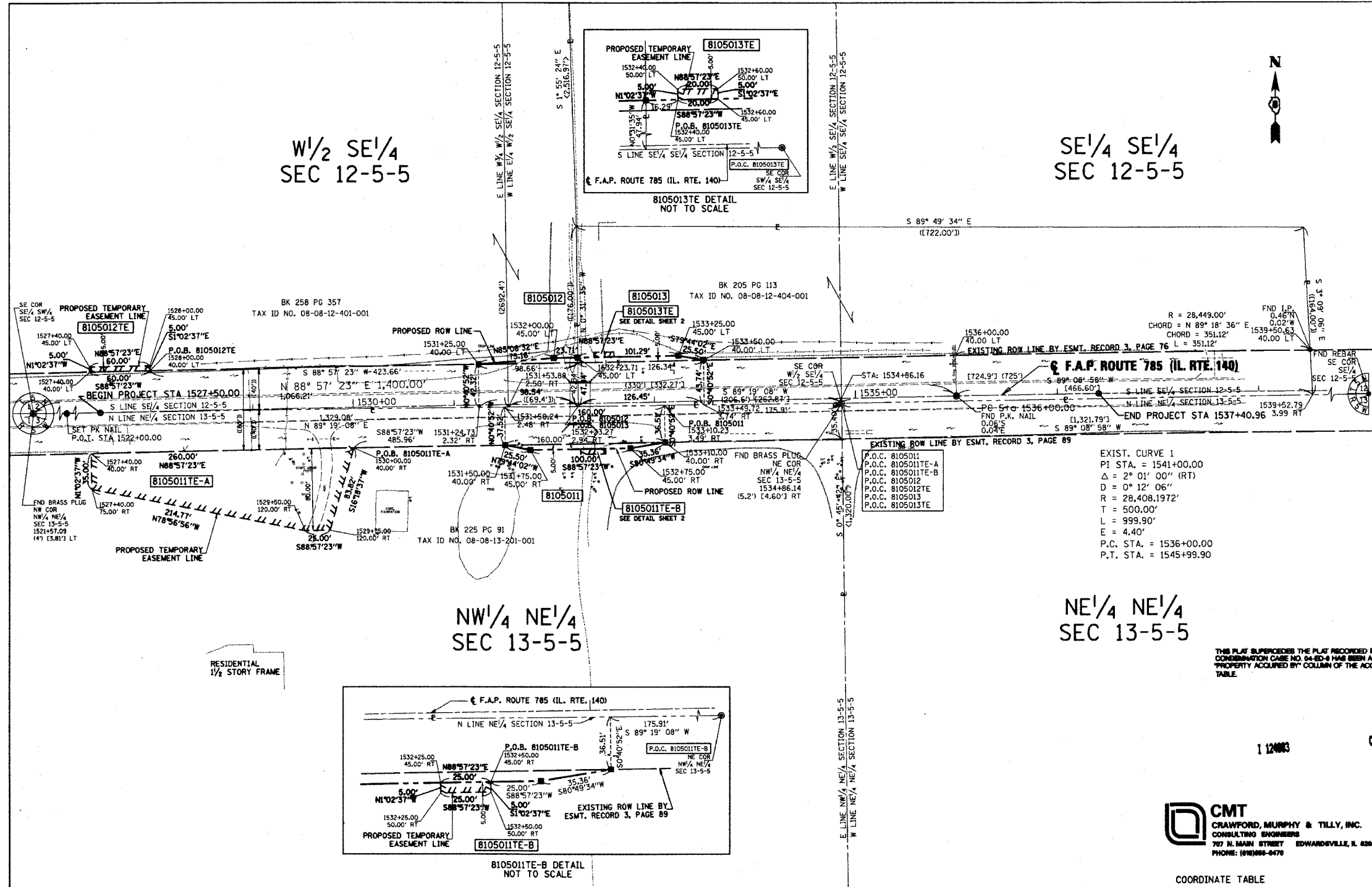
SIGNS REQUIRED			
MAX WIDTH 9 FT. 6 IN. 1 MILE AHEAD	(2)	WEST	(1)
MAX WIDTH 9 FT. 6 IN. 3.5 MILES AHEAD	(2)	EAST	(1)
MAX WIDTH 9 FT. 6 IN. 9 MILES AHEAD	(2)	ILLINOIS 140	(2)

PLOT DATE = 4/2/2007
 FILE NAME = c:\projects\76279\137br\p14022a.dgn
 PLOT SCALE = 20,000 / 1" = 1000'
 USER NAME = csmartin

REVISIONS		DATE
NAME	DATE	

ILLINOIS DEPARTMENT OF TRANSPORTATION
WIDE LOAD SIGNING DETAIL
 FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY

PAP. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785 (IL. 140)	137 BR	BOND	29	21



- NOTES:
- COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- LEGEND
- SECTION CORNER
 - QUARTER SECTION CORNER
 - EXISTING CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - EXISTING EASEMENT LINE
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED TEMPORARY EASEMENT LINE
 - PROPOSED PERMANENT EASEMENT LINE
 - SECTION LINE
 - QUARTER SECTION LINE
 - QUARTER QUARTER SECTION LINE
 - PROPERTY IDEED LINE
 - APL
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORDED DIMENSION
 - FOUND IRON PIPE OR IRON ROD
 - STONE FOUND
 - AXLE FOUND
 - PK NAIL FOUND
 - BRASS PLUG FOUND
 - SET IRON PIN 1/2 INCH RE-BAR
 - SAME OWNERSHIP
 - STAKING OF PROPOSED RIGHT OF WAY. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 3/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

EXIST. CURVE 1
 PI STA. = 1541+00.00
 $\Delta = 2^\circ 01' 00''$ (RT)
 $D = 0^\circ 12' 06''$
 $T = 28,408.1972'$
 $L = 999.90'$
 $E = 4.40'$
 P.C. STA. = 1536+00.00
 P.T. STA. = 1545+99.90

THIS PLAT SUPERSEDES THE PLAT RECORDED IN CH. C/90, COMBINATION CASE NO. 04-ED-4 HAS BEEN ADDED IN THE "PROPERTY ACQUIRED BY" COLUMN OF THE ACQUISITION TABLE.

STATE OF ILLINOIS)
) SS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, LARRY L. STAHLHUT, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 12 & 13, TOWNSHIP 5 NORTH, RANGE 5 WEST, OF THE THIRD PRINCIPAL MERIDIAN, BOND COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED: 7-14-04
 LARRY L. STAHLHUT
 MY LICENSE EXPIRES 11/30/2004

STATE OF ILLINOIS)
) SS
 COUNTY OF)

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 707 N. MAIN STREET EDWARDSVILLE, IL 62025
 PHONE: (618)860-0470

COORDINATE TABLE

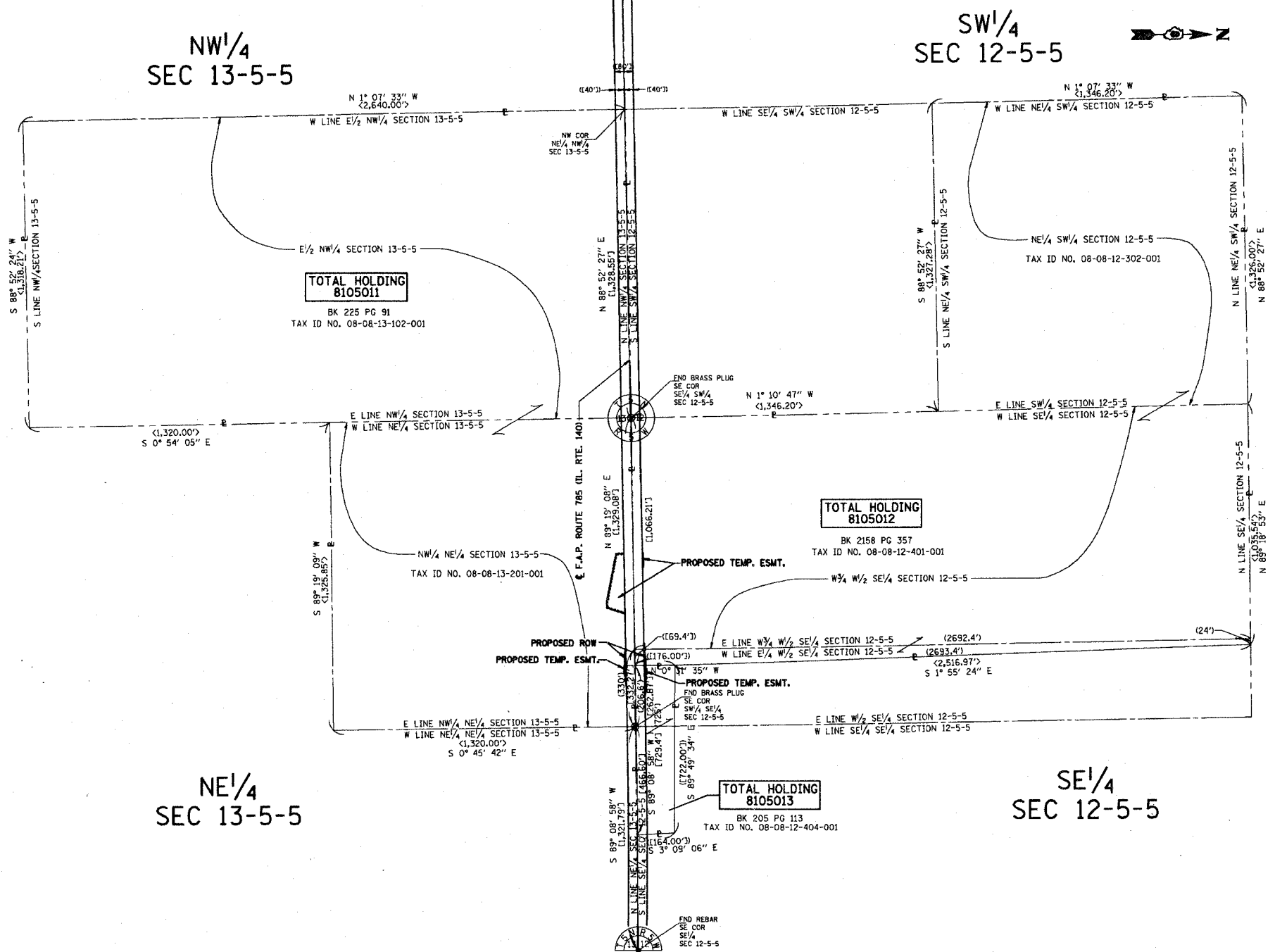
DESCRIPTION	NORTH	EAST	STATION	OFFSET
P.O.T.	809,848.051	2,455,805.764	1522+00.00	0.00
PROJECT BEGIN	809,858.069	2,456,055.673	1527+50.00	0.00
PROPOSED ROW	809,904.893	2,456,429.884	1531+25.00	40.00 LT
PROPOSED ROW	809,825.362	2,456,456.335	1531+50.00	40.00 RT
PROPOSED ROW	809,820.818	2,456,481.422	1531+75.00	45.00 RT
PROPOSED ROW	809,911.259	2,456,504.779	1532+00.00	45.00 LT
PROPOSED ROW	809,911.690	2,456,528.482	1532+23.71	45.00 LT
PROPOSED ROW	809,822.640	2,456,581.406	1532+75.00	45.00 RT
PROPOSED ROW	809,828.276	2,456,616.309	1533+10.00	40.00 RT
PROPOSED ROW	809,913.535	2,456,629.758	1533+25.00	45.00 LT
PROPOSED ROW	809,908.992	2,456,654.845	1533+50.00	40.00 LT
P.C.	809,873.552	2,456,905.532	1536+00.00	0.00
PROJECT END	809,875.770	2,457,046.474	1537+40.96	0.00
P.T.	809,882.659	2,457,405.449	1541+00.00	4.40 LT
P.T.	809,874.169	2,457,905.405	1545+99.90	0.00

PARCEL NO.	OWNER	TOTAL HOLDING	R.O.W. REQUIRED	PREVIOUSLY DEDICATED	NET R.O.W. REQUIRED	REMAINDER	EASEMENTS		PURPOSE OF EASEMENT	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
							TEMP	PERM			
8105011	JOAN LOUIS GUSEWELLE, AS TRUSTEE UNDER A TRUST AGREEMENT DATED THE 15TH DAY OF APRIL, 1997 TITLE REPORT NO. BD-24	120.4305 AC	6,572 SF 0.1509 AC	5,922 SF 0.1360 AC	650 SF 0.0149 AC	120.2796 AC	A=15,075 SF A=0.3461 AC B=125 SF B=0.0029 AC	N/A	A-GRADING AND ENTRANCE CONSTRUCTION B-GRADING AND WALL REMOVAL	08-08-13-201-001	COND. CASE NO. 04-ED-6
8105012	UNION PLANTERS SUCCESSOR TO FARMER'S AND MERCHANT'S BANK OF HIGHLAND, PURSUANT TO TRUST AGREEMENT DATED THE 22ND DAY OF DECEMBER, 1978, BEARING TRUST NUMBER 806 TITLE REPORT NO. BD-23	106.0752 AC	4,509 SF 0.1035 AC	4,203 SF 0.0965 AC	306 SF 0.0070 AC	105.9717 AC	300 SF 0.0069 AC	N/A	GRADING AND ENTRANCE CONSTRUCTION	08-08-12-401-001	BK 587 PG 274-276
8105013	ROBERT D. LOHMAN AND BRENDA J. LOHMAN, HUSBAND AND WIFE, AS JOINT TENANTS TITLE REPORT NO. BD-22	2,8347 AC	6,047 SF 0.1388 AC	5,478 SF 0.1258 AC	569 SF 0.0130 AC	2,6959 AC	100 SF 0.0023 AC	N/A	GRADING AND WALL REMOVAL	08-08-12-404-001	BK 568 PG 164

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 FAP ROUTE 785 (IL 140)
 SECTION 137 BR
 BOND COUNTY
 JOB NO. R-98-005-01
 STATION 1526+60 TO STATION 1540+15
 SCALE: 1"=50' SHEET 2 OF 4 SHEETS

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

PAP RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785 IL 140	137 BR	BOND	29	22



- NOTES:
- COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

LEGEND

	SECTION CORNER		QUARTER SECTION CORNER
	EXISTING CENTERLINE		EXISTING RIGHT OF WAY LINE
	EXISTING EASEMENT LINE		PROPOSED RIGHT OF WAY LINE
	PROPOSED TEMPORARY EASEMENT LINE		PROPOSED PERMANENT EASEMENT LINE
	SECTION LINE		QUARTER SECTION LINE
	QUARTER QUARTER SECTION LINE		PROPERTY (DEED) LINE
	APPARENT PROPERTY LINE		

- | | |
|---------|--|
| {0.00'} | MEASURED DIMENSION |
| <0.00'} | COMPUTED DIMENSION |
| {0.00'} | RECORDED DIMENSION |
| ● | FOUND IRON PIPE OR IRON ROD |
| ▲ | STONE FOUND |
| ● | AXLE FOUND |
| ⊙ | PK NAIL FOUND |
| ⊗ | BRASS PLUG FOUND |
| ○ | SET IRON PIN 1/8 INCH RE-BAR |
| — | SAME OWNERSHIP |
| ■ | STAKING OF PROPOSED RIGHT OF WAY. SET 1/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. |
| ■ | STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 1/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER. |

STATE OF ILLINOIS)
 COUNTY OF) SS

THIS IS TO CERTIFY THAT I, LARRY L. STAHLHUT, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 12 & 13, TOWNSHIP 5 NORTH, RANGE 5 WEST, OF THE THIRD PRINCIPAL MERIDIAN, BOND COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED: 7-14-04
 2-7-04
 LARRY L. STAHLHUT
 MY LICENSE EXPIRES 11/30/2004



I 12403 C 0/01

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 707 N. MAIN STREET EDWARDSVILLE, IL 62526
 PHONE: (618) 696-8476

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TOTAL HOLDING PLAT
 FAP ROUTE 785 (IL 140)
 SECTION 137 BR
 BOND COUNTY
 JOB NO. R-98-005-01

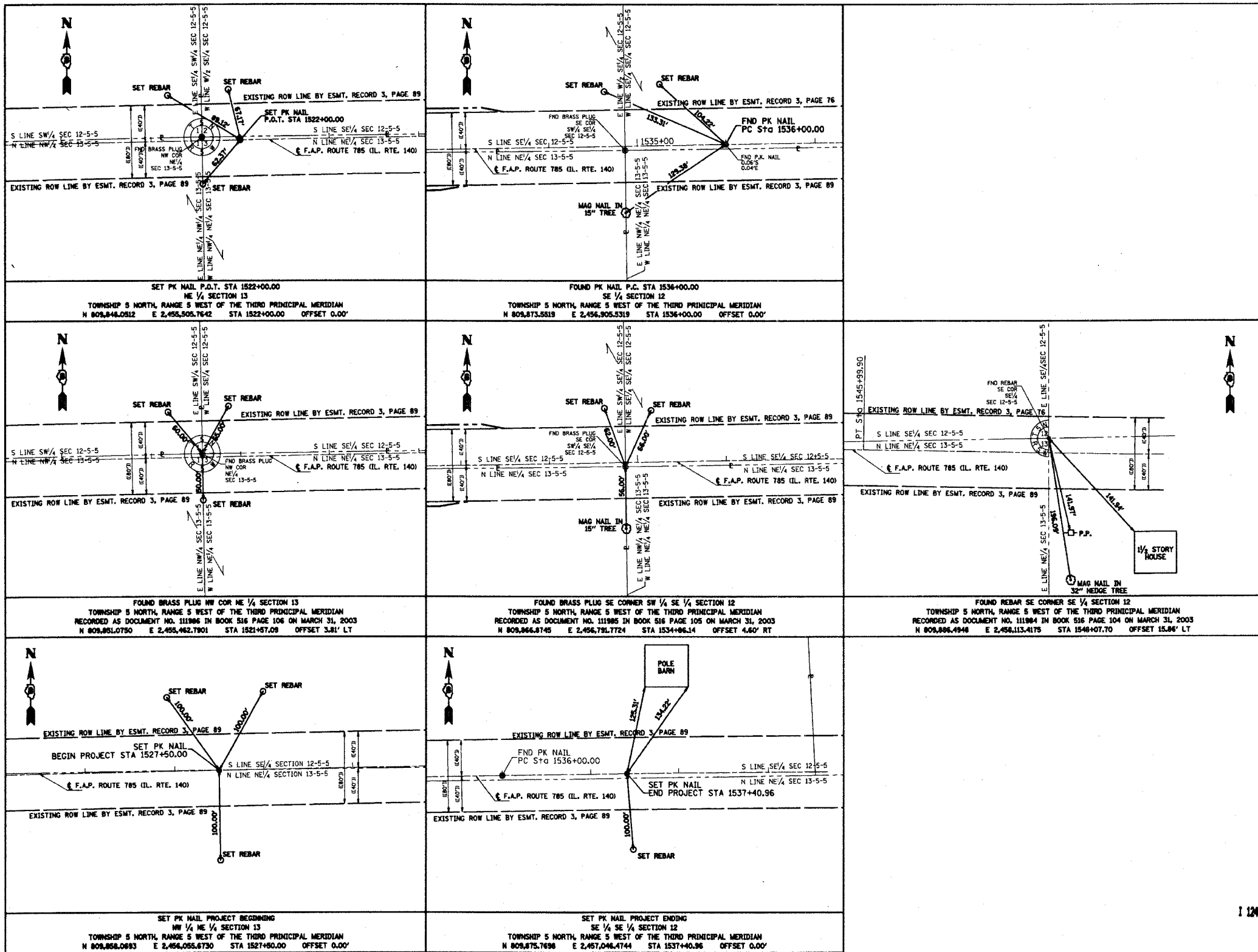
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0 250 500 750

SHEET 3 OF 4 SHEETS

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

PART OF SECTION 12 AND 13, T. 5 N, R. 5 W., OF THE 3RD PM, BOND COUNTY, ILLINOIS.



FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785 IL 140	137 BR	BOND	29	22A

- NOTES:
- COORDINATES SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 - BEARINGS SHOWN HEREON ARE BASED ON SURVEY CONTROL DATA PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

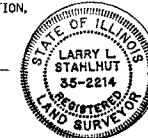
LEGEND

- | | | | |
|--|----------------------------------|--|----------------------------------|
| | SECTION CORNER | | QUARTER SECTION CORNER |
| | EXISTING CENTERLINE | | EXISTING RIGHT OF WAY LINE |
| | EXISTING EASEMENT LINE | | PROPOSED RIGHT OF WAY LINE |
| | PROPOSED TEMPORARY EASEMENT LINE | | PROPOSED PERMANENT EASEMENT LINE |
| | SECTION LINE | | QUARTER SECTION LINE |
| | QUARTER QUARTER SECTION LINE | | PROPERTY (DEED) LINE |
| | APPARENT PROPERTY LINE | | API |
- [0.00'] MEASURED DIMENSION
 [0.00'] COMPUTED DIMENSION
 (0.00') RECORDED DIMENSION
- FOUND IRON PIPE OR IRON ROD
 - ▲ STONE FOUND
 - AXLE FOUND
 - PK NAIL FOUND
 - BRASS PLUG FOUND
 - SET IRON PIN 5/8 INCH RE-BAR
 - SAME OWNERSHIP
 - STAKING OF PROPOSED RIGHT OF WAY. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS)
) SS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, LARRY L. STAHLHUT, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 12 & 13, TOWNSHIP 5 NORTH, RANGE 5 WEST, OF THE THIRD PRINCIPAL MERIDIAN, BOND COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED: 7-14-04
 [Signature]
 LARRY L. STAHLHUT
 MY LICENSE EXPIRES 11/30/2004



I 12403

CS C/98

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MONUMENT TIES
 FAP ROUTE 785 (IL 140)
 SECTION 137 BR
 BOND COUNTY
 JOB NO. R-98-005-01

NOT TO SCALE SHEET 4 OF 4 SHEETS

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

CMT
 CRAWFORD, MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 707 N. MAIN STREET EDWARDSVILLE, IL 62225
 PHONE: (618) 868-8476

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

THE EXISTING STRUCTURE, SN 003-0050, WAS BUILT UNDER SECTION 137B SOMETIME BEFORE 1932. IT IS A SINGLE SPAN REINFORCED CONCRETE SLAB ON PINNED CONCRETE ABUTMENTS WITH ATTACHED WINGWALLS. THE ABUTMENTS AND WINGWALLS ARE ON SPREAD FOOTINGS SUPPORTED ON TIMBER PILES. THE BACK TO BACK ABUTMENTS EQUAL 22 FT. THE EXISTING STRUCTURE IS TO BE REMOVED AND REPLACED WITH A PRECAST DOUBLE BARREL 12' x 8' BOX CULVERT WITH PRECAST END SECTIONS, UTILIZING STAGE CONSTRUCTION.

WATERWAY INFORMATION

DRAINAGE AREA = 1.97 SQ. MI. LOW GRADE ELEV. = 548.48/548.66 @ STA. 1531+15.3

FLOOD i	FREQ. YR.	Q C.F.S.	OPENING SQ. FT.		NAT. H.W.E.		HEAD - FT		HEADWATER ELEVATION	
			EXIST.	PROP.	EXIST.	EXIST.	PROP.	EXIST.	PROP.	
DESIGN	50	926	121	168	546.58	548.10	1.52	0.75	548.10	547.33
BASE	100	1067	121	168	546.75	548.63	1.88	1.00	548.63	547.75
OVERTOPPING	83/400	1027/1374	121	168	546.71/547.08	548.48	1.77	1.59	548.48	548.67
MAX. CALC.	500	NA	NA	NA	NA	NA	NA	NA	NA	NA

STATION 1532+25.50
REBUILT 200_ BY
STATE OF ILLINOIS
F.A.P. RT. 785 SEC 137BR
LOADINGS 20
STR. NO. 003-2013

NAME PLATE
SEE STD. 515001-02

NOTE:
EXISTING NAME PLATE TO BE CLEANED AND RELOCATED NEXT TO THE NEW NAME PLATE. THE COST WILL BE CONSIDERED AS INCLUDED IN THE COST OF NAME PLATE

LOADING HS20-44

ALLOW 50 PSF FOR FUTURE WEARING SURFACE

DESIGN SPECIFICATIONS

2002 AASHTO

DESIGN STRESSES

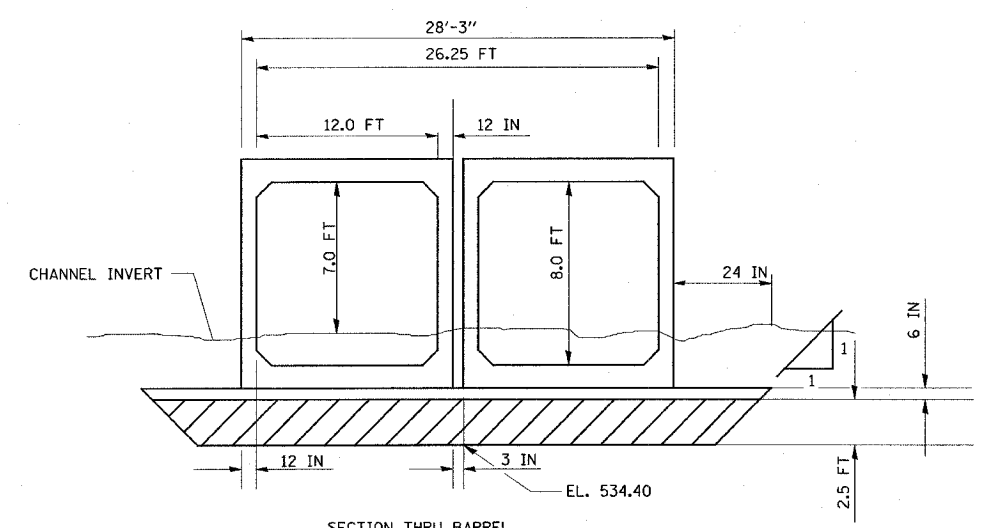
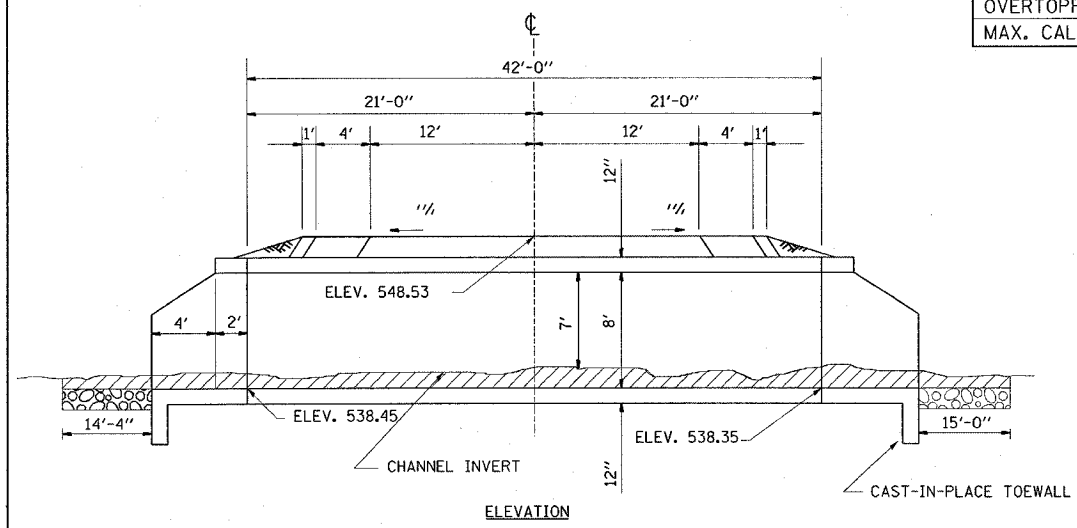
PRECAST UNIT

f'c = 5000 PSI

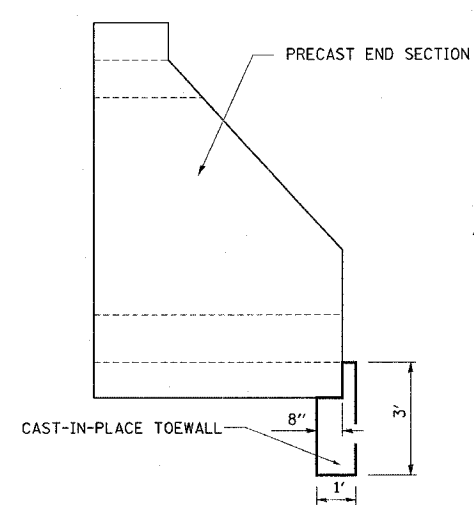
fy = 6500 PSI (WELDED WIRE FABRIC)

GENERAL NOTES

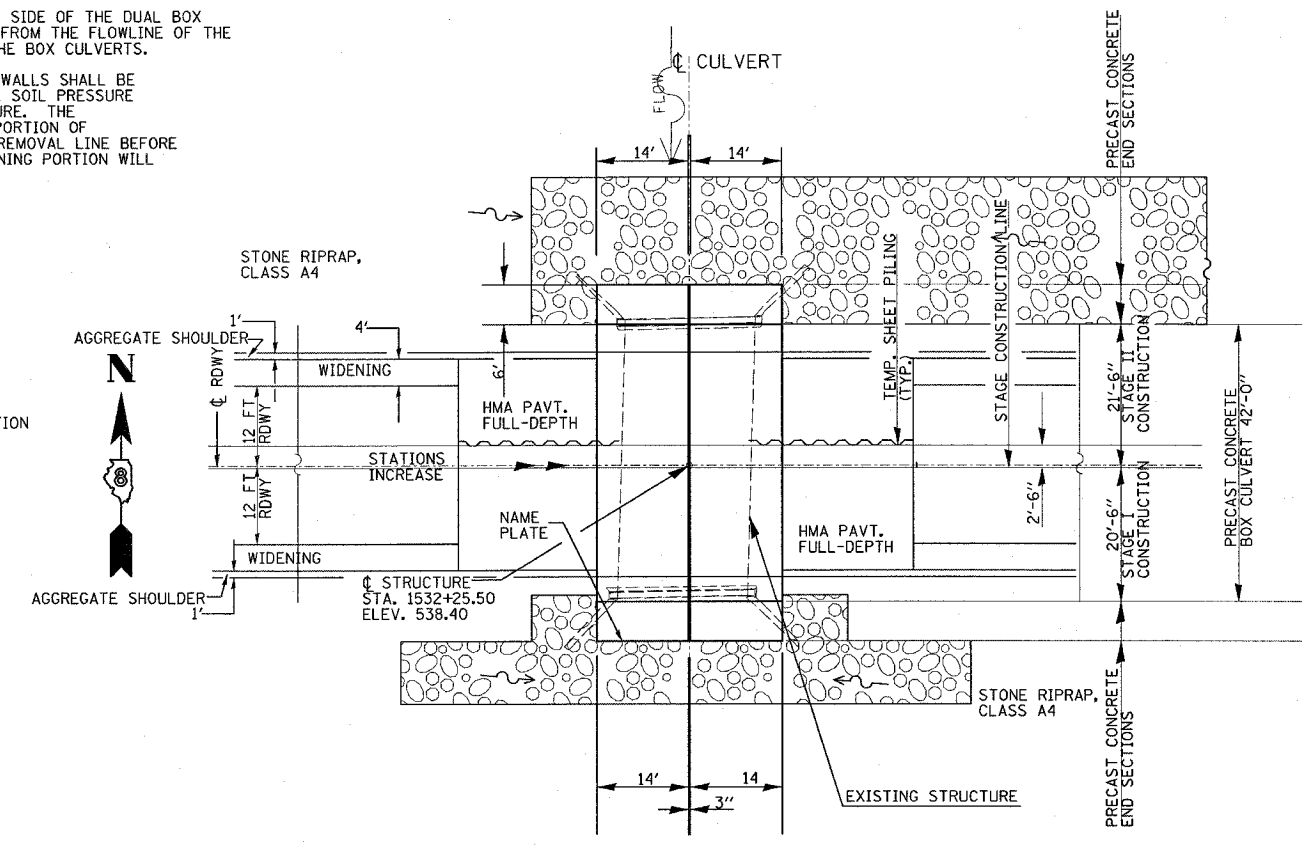
- THIS BOX CULVERT HAS A FILL HEIGHT OF 16 IN. THE PRECAST BOX CULVERT SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO M273 EXCEPT THAT THE AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 1003.02 AND 1004.02 OF THE STANDARD SPECIFICATIONS WITH THE EXCEPTION OF GRADATION.
- THE EXISTING STRUCTURE SHALL BE REMOVED IN ITS ENTIRETY.
- THE CAST-IN-PLACE TOEWALL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR "BOX CULVERT END SECTIONS".
- HATCHED AREA INDICATES CHANNEL EXCAVATION.
- SOIL BEHIND THE ABUTMENTS WILL BE EXCAVATED PRIOR TO REMOVING THE TOP SLAB.
- THE CONTRACTOR SHALL BACKFILL EITHER SIDE OF THE DUAL BOX CULVERT TO A MINIMUM DISTANCE OF 5' FROM THE FLOWLINE OF THE CULVERT PRIOR TO GROUTING BETWEEN THE BOX CULVERTS.
- EXCAVATION BEHIND EXISTING ABUTMENT WALLS SHALL BE PERFORMED TO BALANCE FRONT AND BACK SOIL PRESSURE BEFORE REMOVING THE EXISTING STRUCTURE. THE CONTRACTOR SHALL SAWCUT THE UPPER PORTION OF THE EXISTING ABUTMENT AT THE STAGE REMOVAL LINE BEFORE STAGE 1 REMOVAL TO ENSURE THE REMAINING PORTION WILL NOT BE PREMATURELY DAMAGED



SECTION THRU BARREL
REMOVE UNSUITABLE SOIL BELOW BOTTOM OF CULVERT TO ELEVATION 534.40 AND 24IN OUTSIDE THE FOOTPRINT OF THE BOX.
HATCHED AREA INDICATES UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED W/ POROUS GRANULAR EMBANKMENT, SPECIAL.



END SECTION SIDE VIEW



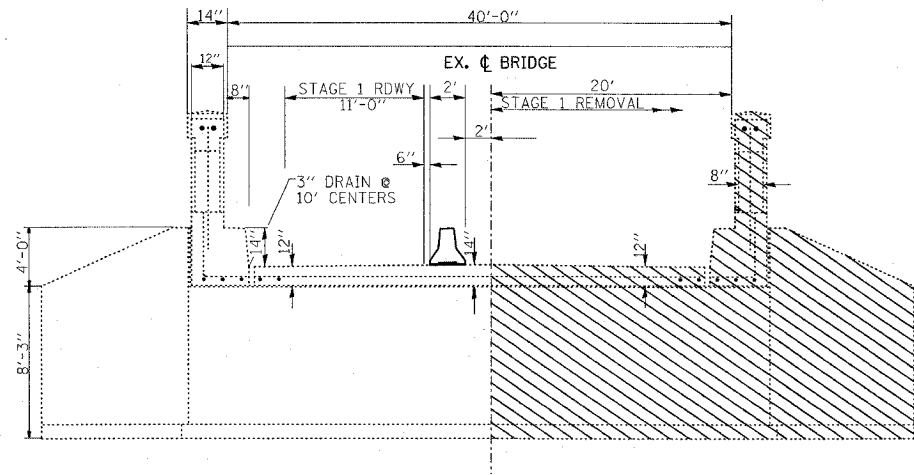
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STRUCTURE PLANS

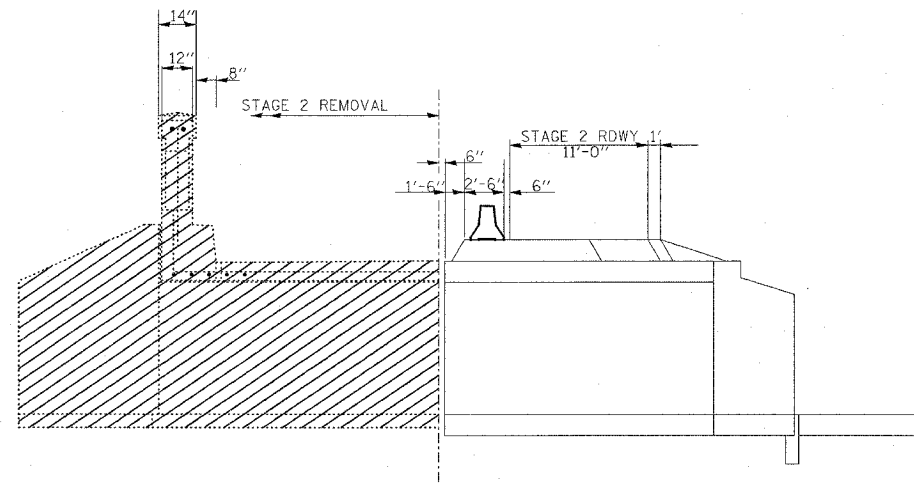
FAP ROUTE 785
SECTION 137BR
BOND COUNTY

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USER NAME = csmartin

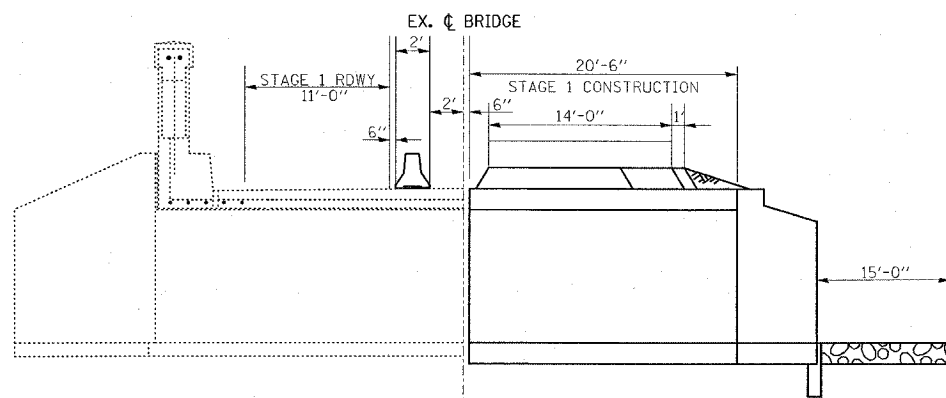
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STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



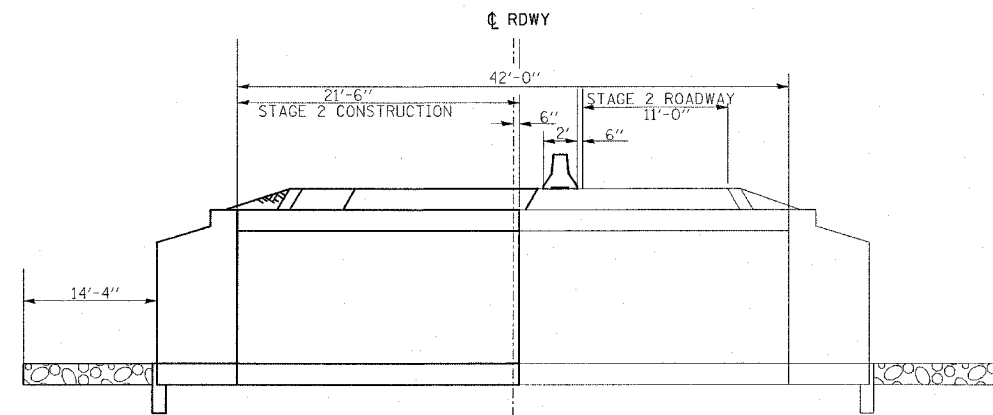
STAGE I REMOVAL




STAGE II REMOVAL



STAGE I CONSTRUCTION



STAGE II CONSTRUCTION

 TO BE REMOVED

PLOT DATE = 4/27/2007
 PLOT SCALE = 24.0000 / IN.
 USER NAME = csmartin

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STRUCTURE PLANS

FAP ROUTE 785
 SECTION 137BR
 BOND COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	25
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Eight Materials

PROJECT P-98-006-91 BRIDGE IL 140 OVER LITTLE SILVER CREEK Date 11/30/99 Sh. 1 of 1

ROUTE FAP 785 Bored By LARRY FORD

SEC. 137BR STA. 1532+25.5 Checked By JOHN JASPER

COUNTY BOND PROP. S.N. 003-2013 EXIST S.N. 003-0050

BORING NO.	STA.	O/S	LT	C.L.	EL.	N	Qu	W	Surf Wat El.	Grndwater El.	at Compl	At	Hrs	EL.	N	Qu	W
Ground Surface 546.5 0																	
GRAY SILT LOAM (FILL) 50/.3 NC 9																	
542.5 GRAY SILTY LOAM (FILL) 1 1 S/10 0.4 27 521.5 -25 50/.5 NC 9																	
540.0 GRAY SILT CLAY 2 4 S/10 0.9 24 -30																	
535.5 BROWN AND GRAY CLAY LOAM 1 3 S/15 0.9 21 -35																	
530.0 GRAY SILT CLAY 9 10 S/10 5.0 15 -40																	
525.0 GRAY SHALE 12 13 S/10 5.7 12 -45																	

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Eight Materials

PROJECT P-98-006-91 BRIDGE IL 140 OVER LITTLE SILVER CREEK Date 11/30/99 Sh. 1 of 1

ROUTE FAP 785 Bored By LARRY FORD

SEC. 137BR STA. 1532+25.5 Checked By JOHN JASPER

COUNTY BOND PROP. S.N. 003-2013 EXIST S.N. 003-0050

BORING NO.	STA.	O/S	LT	C.L.	EL.	N	Qu	W	Surf Wat El.	Grndwater El.	at Compl	At	Hrs	EL.	N	Qu	W
Ground Surface 538.6 0																	
GRAY LOAMY SAND 535.6 NC 30																	
GRAY SILTY CLAY 534.6 NC 27 -25																	
END OF HAND AUGER (SAND CAVING IN) 534.6 0.8 24 -5																	
END OF HAND AUGER (SAND CAVING IN) -5																	
-10																	
-15																	
-20																	
-40																	
-45																	

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Eight Materials

PROJECT P-98-006-91 BRIDGE IL 140 OVER LITTLE SILVER CREEK Date 11/30/99 Sh. 1 of 1

ROUTE FAP 785 Bored By LARRY FORD

SEC. 137BR STA. 1532+25.5 Checked By JOHN JASPER

COUNTY BOND PROP. S.N. 003-2013 EXIST S.N. 003-0050

BORING NO.	STA.	O/S	LT	C.L.	EL.	N	Qu	W	Surf Wat El.	Grndwater El.	at Compl	At	Hrs	EL.	N	Qu	W
Ground Surface 538.5 0																	
538.0 F.W. SANDY NC 1.0 29																	
GRAY SILTY CLAY 537.0 1.2 23																	
BROWN AND GRAY CLAY LOAM 0.8 23 -25																	
532.0 1.0 23																	
GRAY SILT CLAY 1.2 27																	
530.0 1.0 14 -30																	
END OF HAND AUGER 4.5 13 -40																	
-10 4.5 21 -45																	

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear E-Estimated P-Penetrometer)

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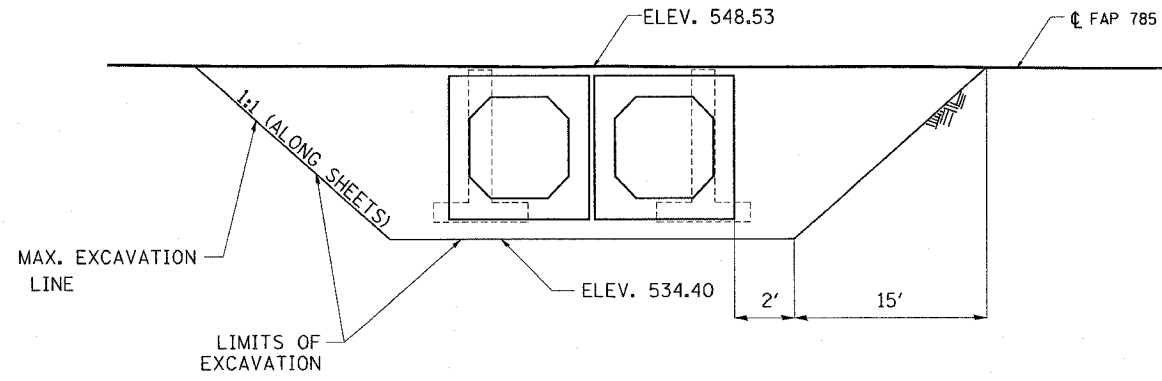
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS

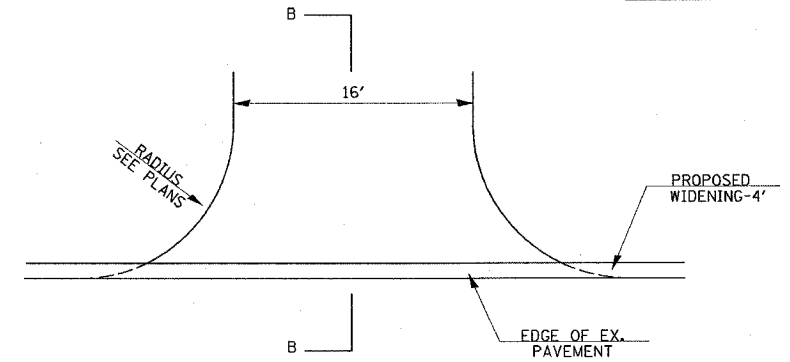
FAP ROUTE 785
SECTION 137BR
BOND COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

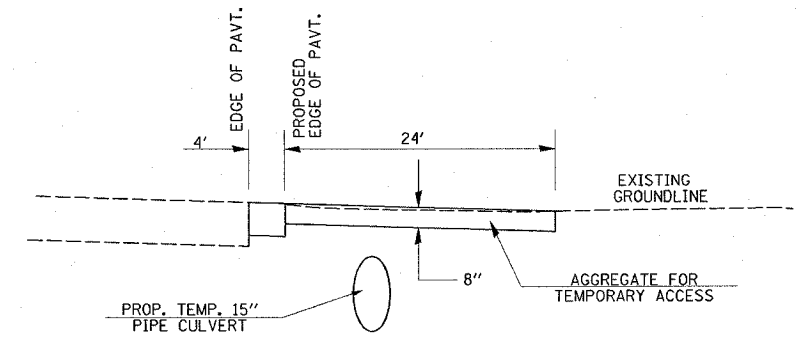


TEMPORARY SHEET PILING DETAILS

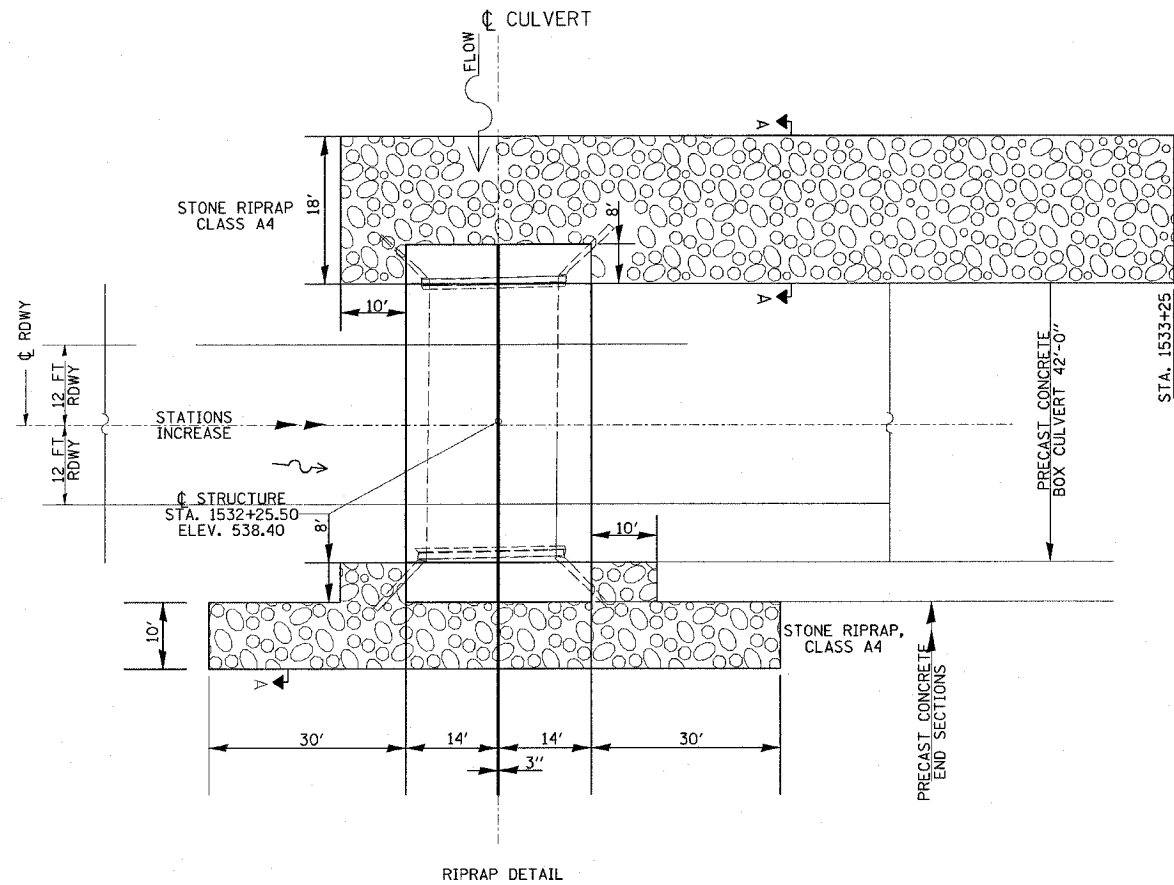
THE QUANTITY FOR "TEMPORARY SOIL RETENTION SYSTEM" WAS CALCULATED USING A TIP ELEVATION OF 505.99 AND A TOP ELEVATION OF 548.53. THE ACTUAL AREA MUST BE DETERMINED DURING THE DESIGN. A CANTILEVERED SHEET PILING DESIGN DOES NOT APPEAR FEASIBLE AND ADDITIONAL MEMBERS OF OTHER RETENTION SYSTEMS MAY BE NECESSARY. THE CONTRACTOR SHALL SUBMIT A "TEMPORARY SOIL RETENTION SYSTEM" DESIGN INCLUDING PLAN DETAILS AND CALCULATIONS BY A LICENSED STRUCTURAL ENGINEER FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.



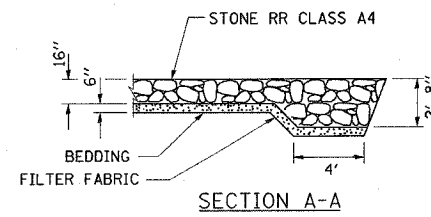
TEMP. ENT.



SECTION B-B
PROPOSED TEMP. ENT.



RIPRAP DETAIL



SECTION A-A

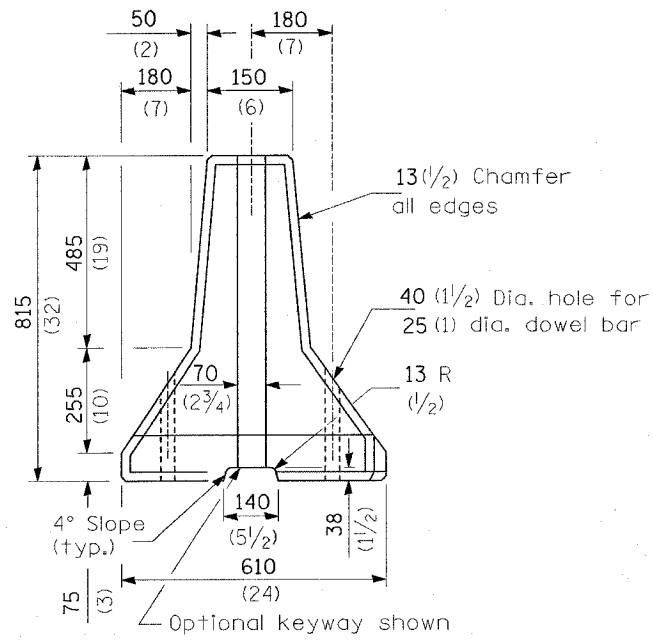
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

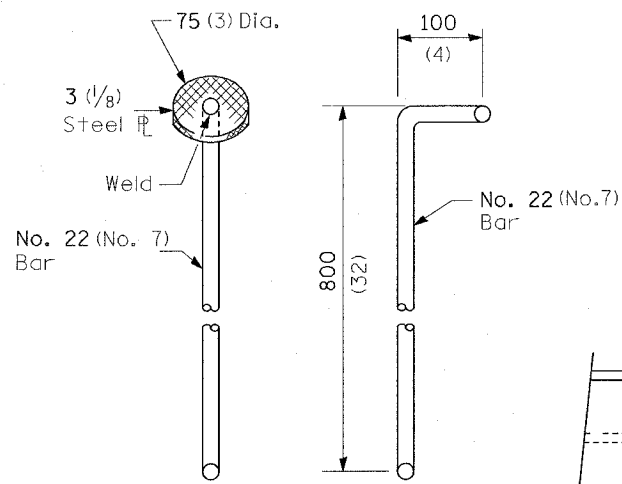
FAP ROUTE 785
SECTION 137BR
BOND COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

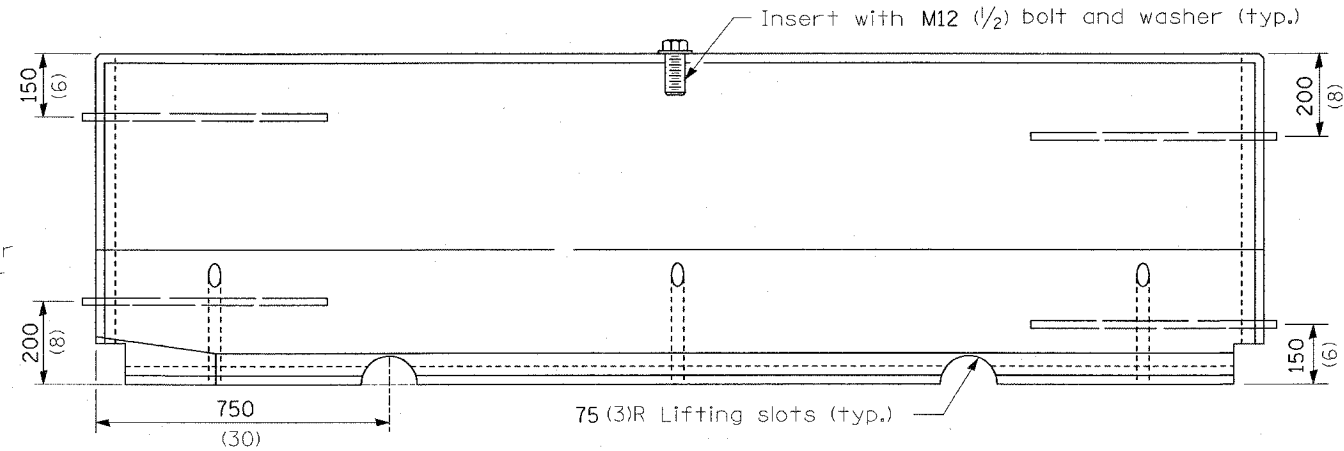


END VIEW

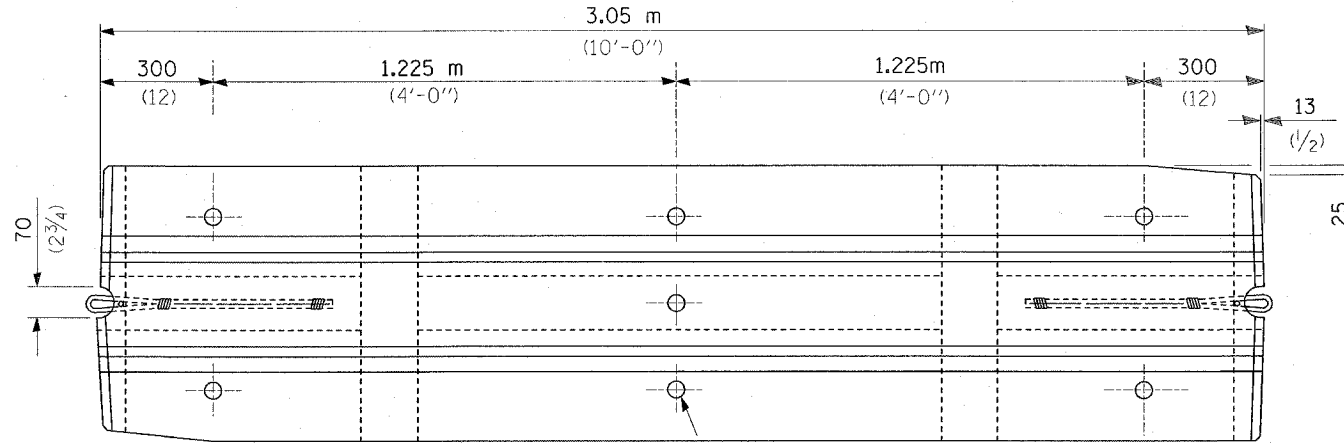
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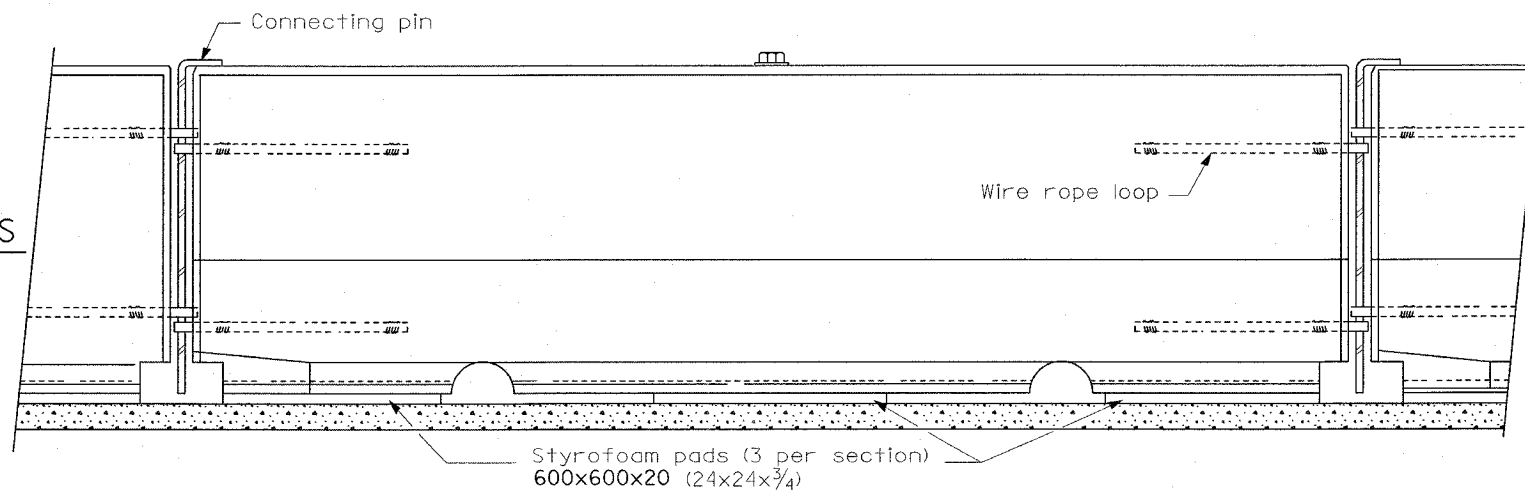
ALTERNATE CONNECTING PINS



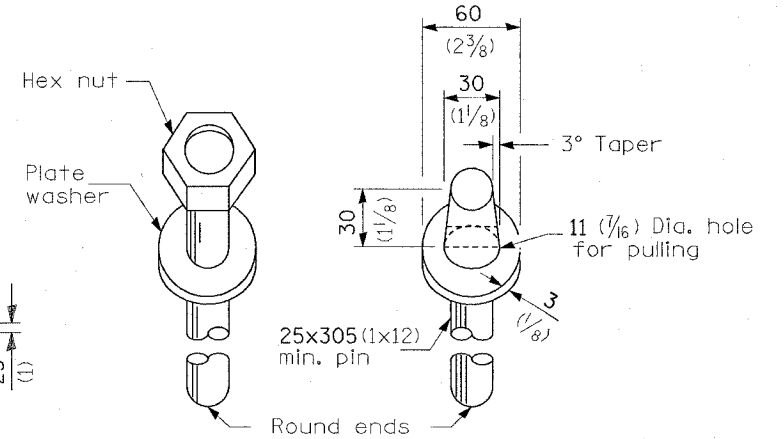
ELEVATION



PLAN



TYPICAL INSTALLATION WITH STYROFOAM PADS



DOWEL BARS

NOTES:
New Jersey (NJ) shape barrier shall not be produced after October 1, 2002. However, New Jersey shape barrier produced prior to October 1, 2002 may be used until January 1, 2008.

The NJ shape barrier units shall be seated on styrofoam pads except when they are anchored.

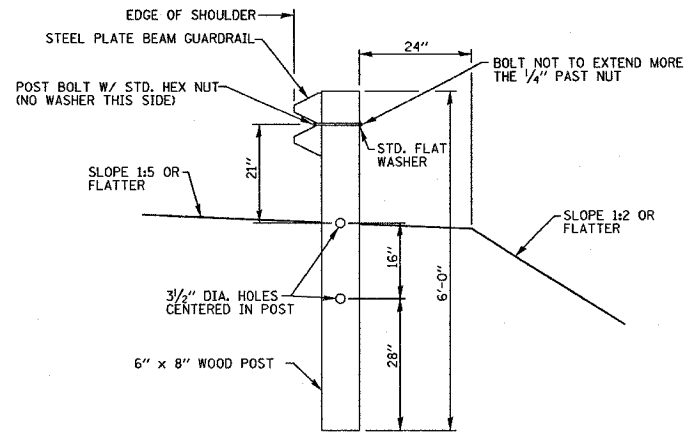
NJ shape dowel bars shall be embedded at least 200 (8) into the pavement, and shall not project above the outer surface of the barrier. The connecting pin for the NJ shape pin and loop connection, may be either a plain 22 (7/8) diameter or a deformed No. 22 (No. 7) bar meeting the requirements of Article 1006.10(b) except Grade 400 (Grade 60) bars shall be used.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**TEMP. CONCRETE BARRIER
FOR STAGE CONSTRUCTION**

FAP ROUTE 785
SECTION 137BR
BOND COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



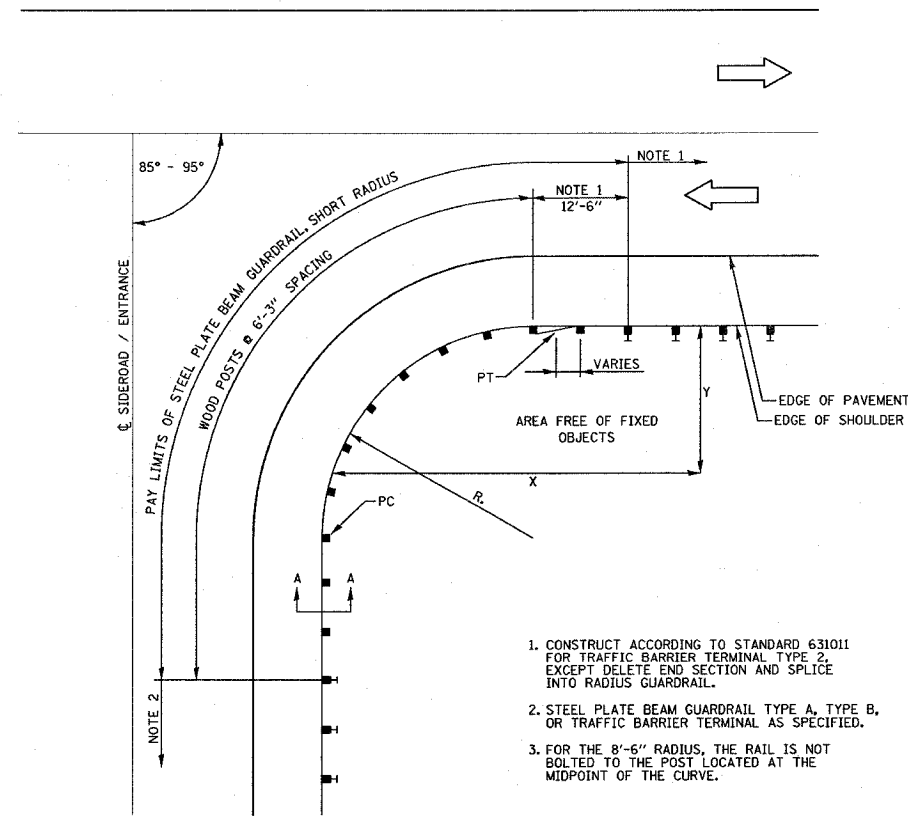
SECTION A-A
NOT TO SCALE

35'-0"	11	50'	20'
25'-6"	8	40'	20'
17'-0"	6	30'	15'
8'-6"	5 (NOTE 3)	25'	15'
R	NO. OF WOOD POSTS	X	Y

INSTALLATION CHARACTERISTICS
PER DESIGN RADIUS

NOT TO SCALE

PLAN VIEW SHORT RADIUS GUARDRAIL DETAIL



1. CONSTRUCT ACCORDING TO STANDARD 631011 FOR TRAFFIC BARRIER TERMINAL TYPE 2, EXCEPT DELETE END SECTION AND SPLICE INTO RADIUS GUARDRAIL.
2. STEEL PLATE BEAM GUARDRAIL TYPE A, TYPE B, OR TRAFFIC BARRIER TERMINAL AS SPECIFIED.
3. FOR THE 8'-6" RADIUS, THE RAIL IS NOT BOLTED TO THE POST LOCATED AT THE MIDPOINT OF THE CURVE.

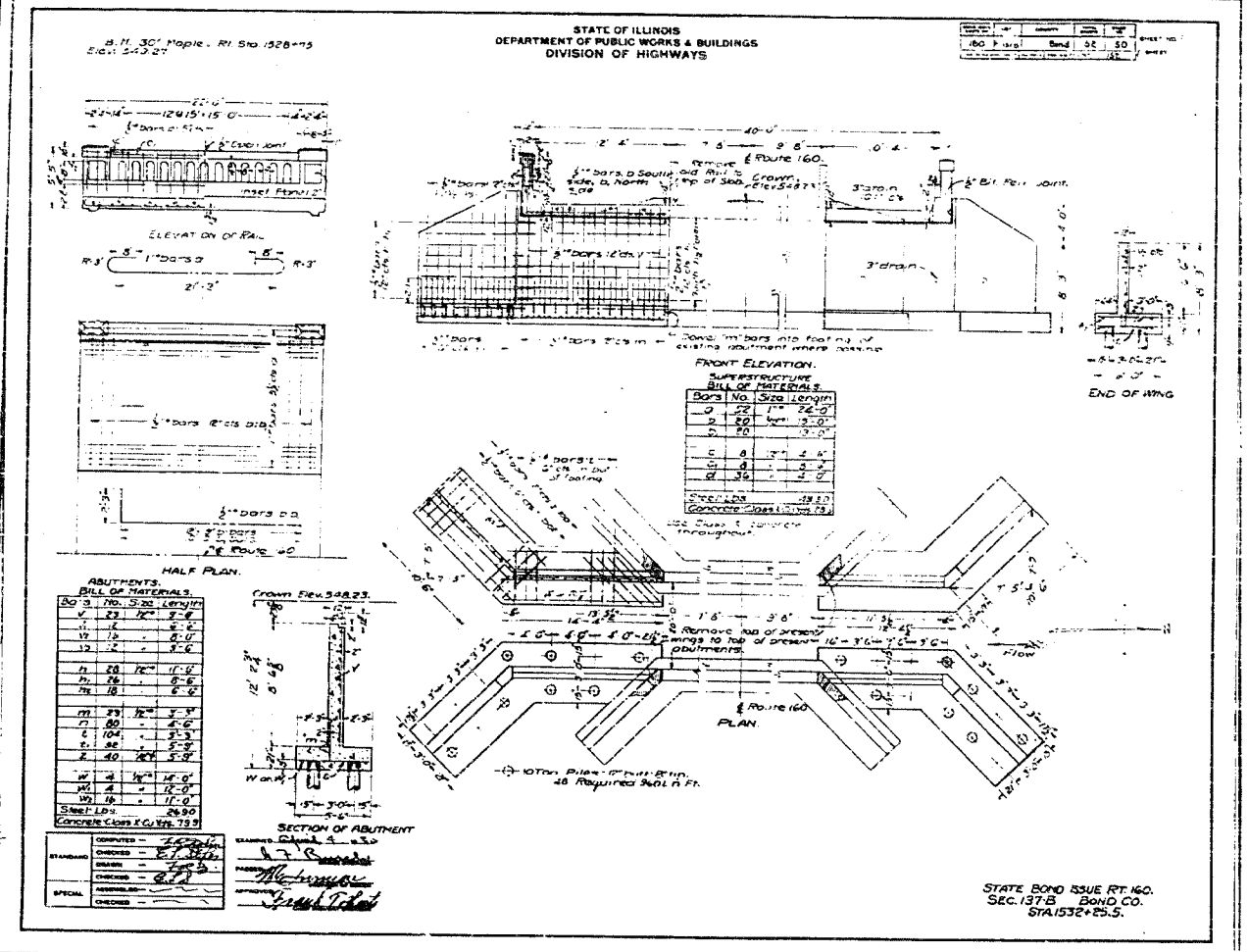
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GUARDRAIL
DETAIL

FAP ROUTE 785
SECTION 137BR
BOND COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	137BR	BOND	29	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

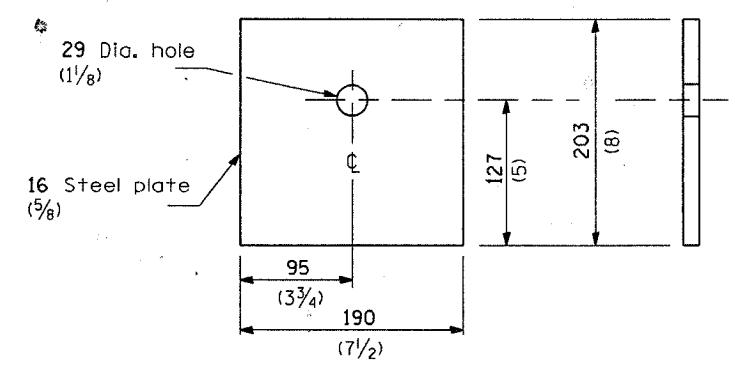


FOR INFORMATION ONLY

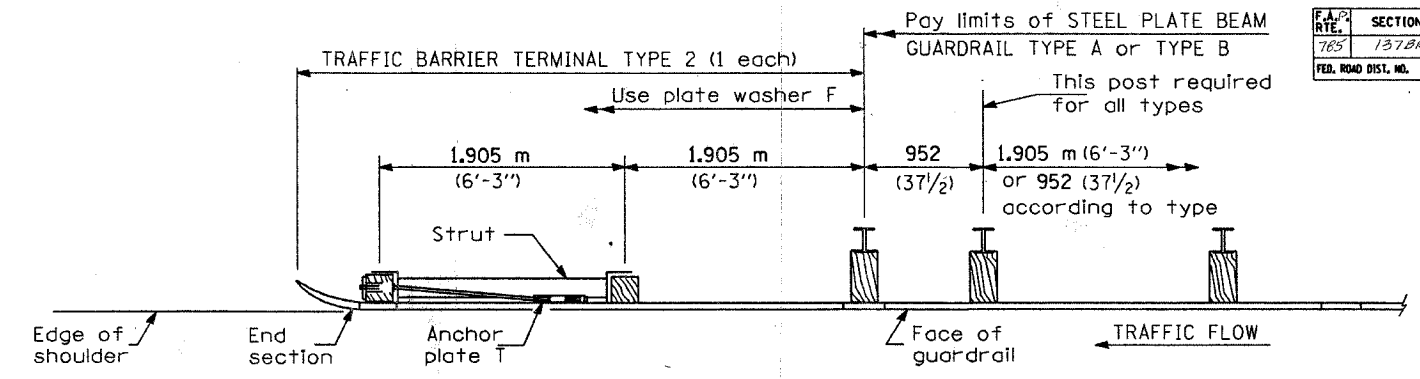
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USER NAME = c:\windows

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING BRIDGE PLANS
FAP ROUTE 785
SECTION 137BR
BOND COUNTY

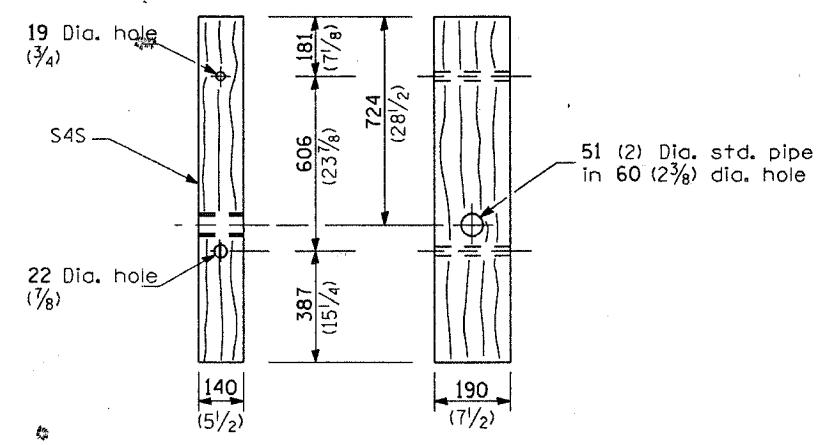
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
765	137BR	BOND	29	29A
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



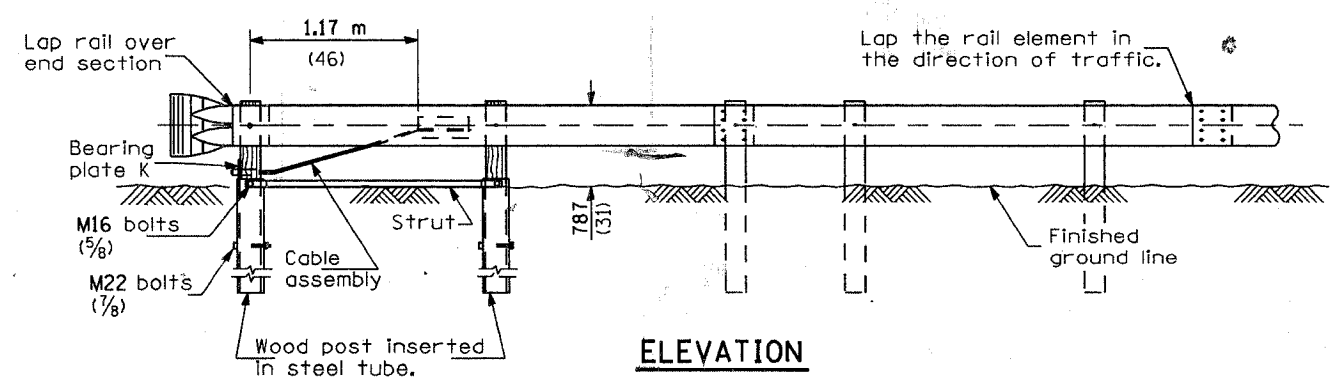
BEARING PLATE K



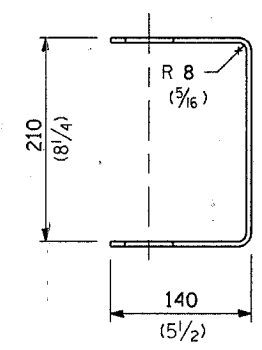
PLAN



WOOD POST

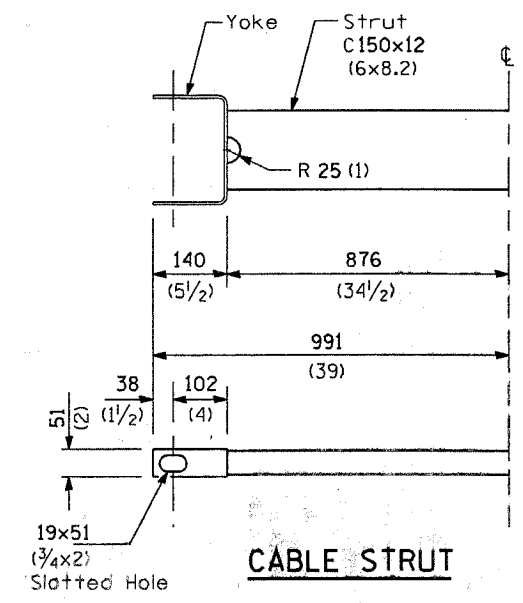


ELEVATION

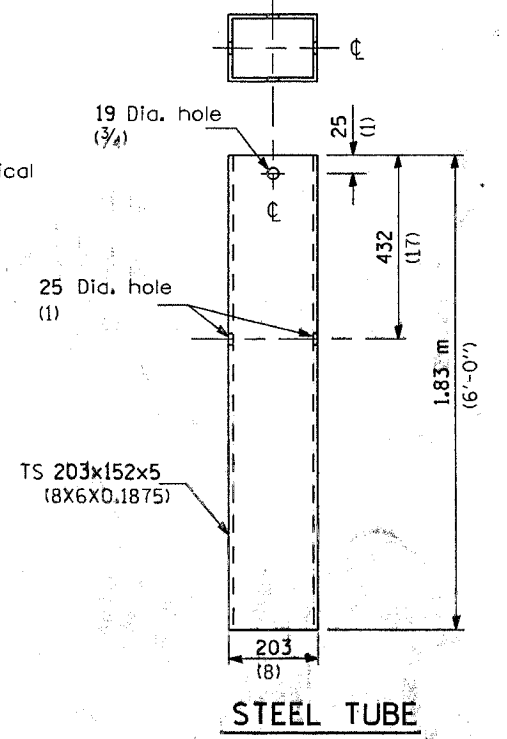


YOKE

5 (3/16) thick steel



CABLE STRUT



STEEL TUBE

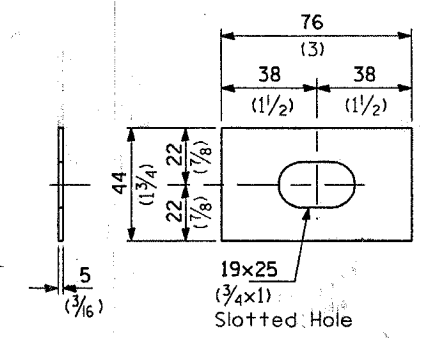


PLATE WASHER F

GENERAL NOTES

See Standard 630001 for details of guardrail not shown.

The bearing plate K shall be held in position by (2) two eight penny nails driven into the post and bent over the top of the plate.

All dimensions are in millimeters (inches) unless otherwise shown.

TRAFFIC BARRIER TERMINAL, TYPE 2

DETAIL