

DR&SBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-I	WASHINGTON	63	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76132		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

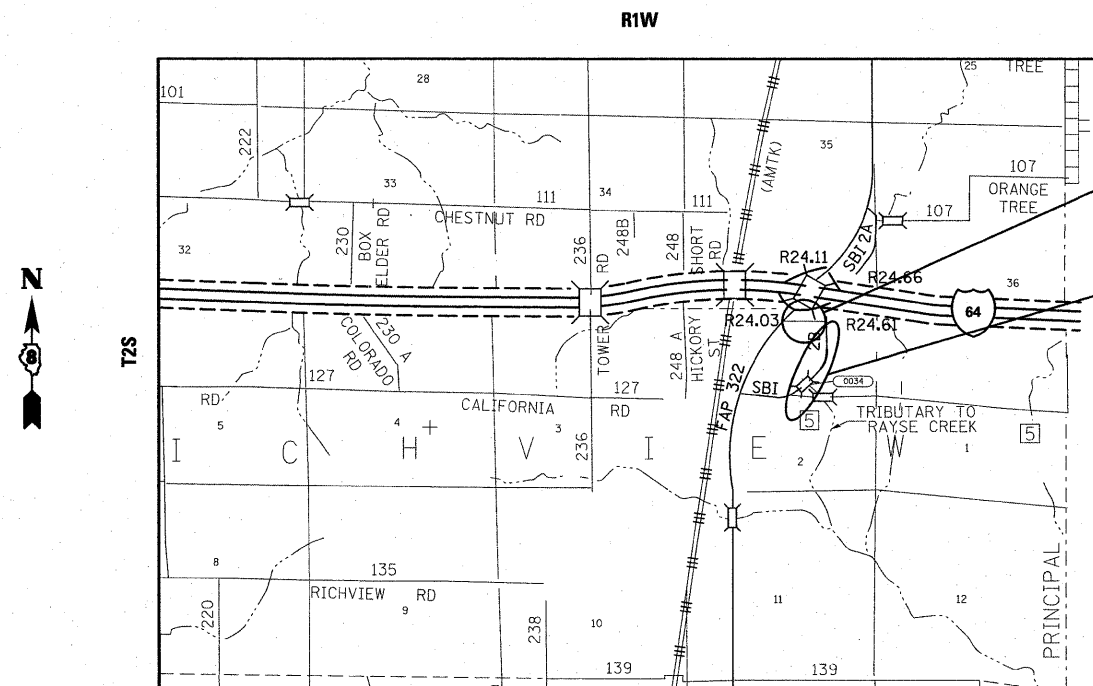
**PROPOSED
HIGHWAY PLANS**

**OR RTE 322 (UNMARKED RTE /SERVICE RD)
& SBI RTE 2 (OLD US 51 /DELAWARE RD)
SECTION 95-AC & 32B-I**

**NEW SERVICE ROAD CONSTRUCTION, RESURFACING,
& STRUCTURE REMOVAL W/ VEHICLE TURNAROUND
WASHINGTON COUNTY
C-98-049-05**

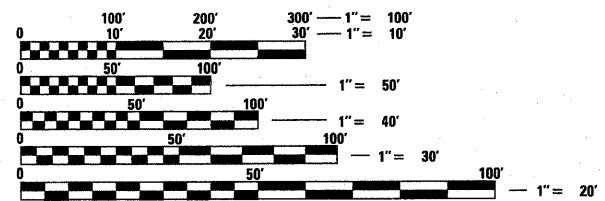
FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-98-029-05



PROPOSED SERVICE ROAD (OR 322)
BEGIN STATION 10+22.7
END STATION 25+25.5

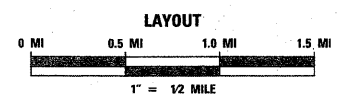
RESURFACING & STRUCTURE REMOVAL W/VEHICLE TURNAROUND (SBI 2)
SINGLE SPAN CONCRETE THRU GIRDER
48'-0" BACK TO BACK ABUTMENTS, 0 SKEW
STATION 534+70
SN 095-0034
BEGIN STATION 511+00
END STATION 539+38.7



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

DESIGN DESIGNATION
25(27) LOCAL ROAD 0.50(FP-20)



ADT	
2004	25
2027	50
S.U.	5%
M.U.	3%

LATITUDE: 38.3453
LONGITUDE: 89.2016

OR ROUTE 322
GROSS LENGTH: 0.285 MI
NET LENGTH: 0.285 MI

SBI ROUTE 2
GROSS LENGTH: .538 MI
NET LENGTH: 0.538 MI

PROJECT ENGINEER: PATTI LeBEAU (618) 346-3179
PROJECT MANAGER: ARTHUR MUEHLFELD (618) 346-3209

CONTRACT NO. 76132

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

SUBMITTED December 9, 2009

Mary C. Jamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

January 29, 2010
Scott E. Still, P.E./RD
Acting ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2010
Christine M. Reed/RD
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

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STANDARDS

- 000001-05
 001006
 280001-05
 406201-01
 482001-02
 666001-01
 701001-02
 701006-03
 701011-02
 701201-03
 701311-03
 701326-03
 701901-01
 720001-01
 720006-02
 720011-01
 780001-02
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 B.L.R. 17-4
 B.L.R. 18-5
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GENERAL NOTES

- 1 ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF THE FACILITIES MAY BE OBTAINED BY CALLING J.U.L.I.E. AND FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 • AMERENIP (ELECTRIC AND GAS)
 • FRONTIER - A CITIZENS COMMUNICATION CO.
 • VILLAGE OF RICHVIEW
 • COUNTRY MARK
 MEMBERS OF J.U.L.I.E. (800) 892-0123 OR 811 ARE INDICATED BY AN *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- 2 ALL ELEVATIONS REFER TO THE USGS MEAN SEA LEVEL DATUM.
- 3 THE THICKNESS OF THE LEVELING BINDER (MACHINE METHOD) SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE LEVELING BINDER (MACHINE METHOD) IS PLACED.
- 4 THE WIDTH OF THE EXISTING PAVEMENT TO BE RESURFACED IS THE NOMINAL WIDTH. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING PAVEMENT WIDTH.
- 5 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 6 IF THE CONTRACTOR REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS FOR HIS CONSTRUCTION ACTIVITY, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE, IT SHALL BE HIS RESPONSIBILITY TO REPLACE THE TREES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. TREES ALONG THE EDGE OF THE RIGHT-OF-WAY SHALL BE SAVED IF, IN THE OPINION OF THE ENGINEER, THEY DO NOT INTERFERE WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL PROTECT TREES SCHEDULED TO REMAIN IN PLACE FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. ANY TREE REMOVAL AND REPLACEMENT OTHER THAN THOSE SPECIFIED SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 7 THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
- 8 ACCESS TO PRIVATE ENTRANCES ON OLD US 51/DELAWARE ROAD AND OLD US 51/N 1ST ST SHALL BE MAINTAINED AT ALL TIMES.
- 9 RIGHT OF WAY MARKERS SHALL BE SET SO THE BACK OF THE POST IS TWELVE INCHES (12") 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 DAMAGED WHEN SETTING THE RIGHT OF WAY MARKERS.
- 10 THE COST OF "BARRICADES, TYPE III" USED DURING CONSTRUCTION SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21".
- 11 ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- 12 ALL EXISTING AND PROPOSED RIGHT-OF-WAY AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- 13 ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT MR. PAT TUTTLE OF CHARLES T. EVAN OIL PROPERTIES PRIOR TO CLOSING THE THE EXISTING FRONTAGE ROAD AND SITE OF THE PROPOSED SERVICE ROAD.
 CONTACT INFORMATION:
 PAT TUTTLE
 CHARLES T. EVAN OIL PROPERTIES
 P.O. BOX 287
 NASHVILLE, IL 62263
 (618) 327-2324

PERTINENT INFORMATION

THE LARGE OIL TANKS SOUTH OF THE PROPOSED SERVICE ROAD AT STATION 18+00 WILL BE REMOVED PRIOR TO CONSTRUCTION. THE RESIDENT ENGINEER SHALL COORDINATE WITH MR. PAT TUTTLE OF CHARLES T. EVAN OIL PROPERTIES.

THE BERM ELEVATION ALONG THE POND NORTH OF THE PROPOSED SERVICE ROAD SHALL MAINTAIN A MINIMUM ELEVATION OF 534. SEE SHEETS 15 AND 16.

DISTRICT 8 OPERATIONS SHALL PROVIDE THE SPECIAL SIGN "ROAD ENDS 500 FEET". CONTACT JEAN SLAPE AT (618) 346-3289 TO COORDINATE.

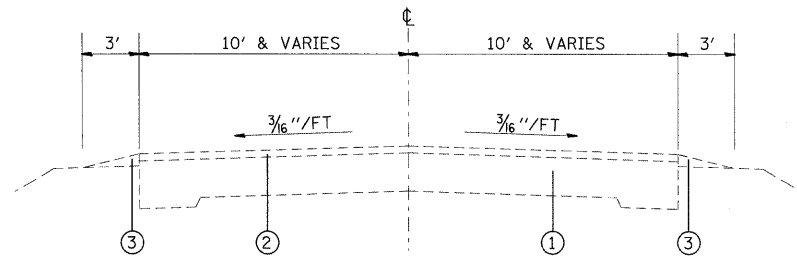
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PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

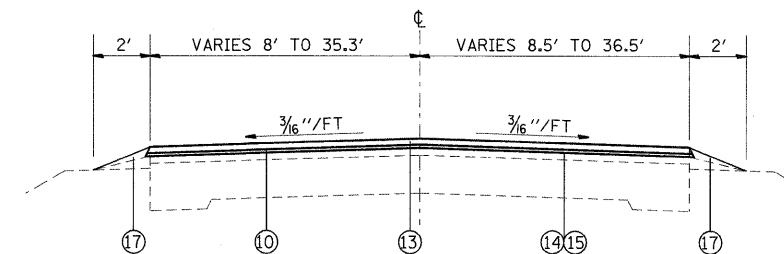
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000 RURAL			CODE NO	ITEM	UNIT		1000 RURAL		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	204	204			542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	90	90		
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	50	50			542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	76	76		
20200100	EARTH EXCAVATION	CU YD	1260	1260			542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	103	103		
20300100	CHANNEL EXCAVATION	CU YD	436	436			63200310	GUARDRAIL REMOVAL	FOOT	15	15		
20400800	FURNISHED EXCAVATION	CU YD	2665	2665			* 63302000	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3		
* 25000200	SEEDING, CLASS 2	ACRE	1.75	1.75			66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	12	12		
* 25000314	SEEDING, CLASS 4B	ACRE	0.5	0.5			67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	210	210			67100100	MOBILIZATION	L SUM	1	1		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	210	210			70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	210	210			70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
* 25100115	MULCH, METHOD 2	ACRE	9	9			70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1		
25100630	EROSION CONTROL BLANKET	SQ YD	65	65			70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	3		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	630	630			70300100	SHORT-TERM PAVEMENT MARKING	FOOT	452	452		
28000305	TEMPORARY DITCH CHECKS	FOOT	90	90			70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	10291	10291		
28000400	PERIMETER EROSION BARRIER	FOOT	1522	1522			70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3583	3583		
28000500	INLET AND PIPE PROTECTION	EACH	14	14			* 72000100	SIGN PANEL - TYPE 1	SQ FT	41	41		
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	2572	2572			* 72000200	SIGN PANEL - TYPE 2	SQ FT	16	16		
40200900	AGGREGATE SURFACE COURSE, TYPE B	CU YD	22	22			72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	79	79		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	4	4			* 73000100	WOOD SIGN SUPPORT	FOOT	156	156		
40600300	AGGREGATE (PRIME COAT)	TON	13	13			* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10291	10291		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	511	511			* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	10	10		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	384	384			78300100	PAVEMENT MARKING REMOVAL	SQ FT	250	250		
40600990	TEMPORARY RAMP	SQ YD	22	22			78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	7	7		
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	832	832			* A2006920	TREE, QUERCUS PALUSTRIS (PIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	9	9		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	23	23			* A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	9	9		
44000100	PAVEMENT REMOVAL	SQ YD	1153	1153			* B2001260	TREE, CORNUS ALTERNIFOLIA (PAGODA DOG WOOD), 3' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	2	2		
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	533	533			* B2001316	TREE, CORNUS FLORIDA (FLOWERING DOGWOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	2	2		
44000400	GUTTER REMOVAL	FOOT	602	602									
48100500	AGGREGATE SHOULDERS, TYPE A 6"	SQ YD	116	116									
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	67	67									
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1									
50105225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	31	31									
54213450	END SECTIONS 15"	EACH	6	6									
54213465	END SECTIONS 30"	EACH	4	4									

* SPECIALTY ITEM

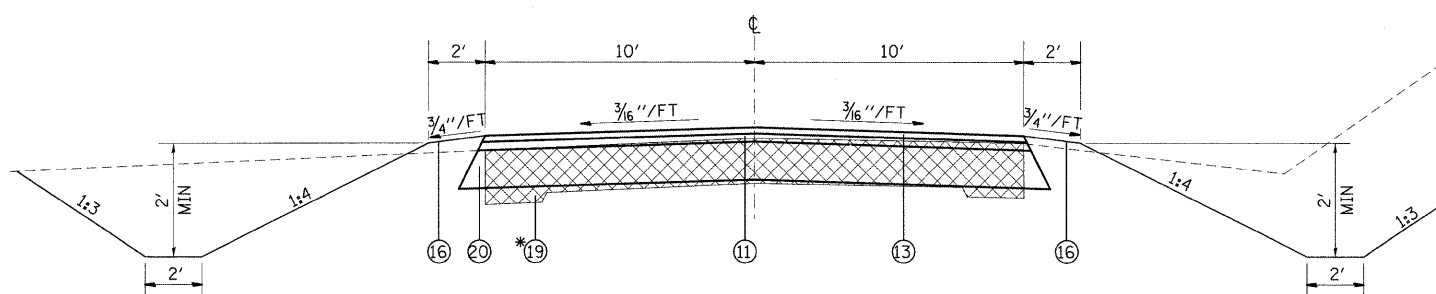
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PLOT DATE = 12/10/2009	DATE - 7/29/2009	CHECKED - A. MUEHLFELD	REVISED -			CONTRACT NO. 76132					
		DATE - 7/29/2009	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



EXISTING FRONTAGE ROAD
STA 10+22.7 TO STA 15+52.25

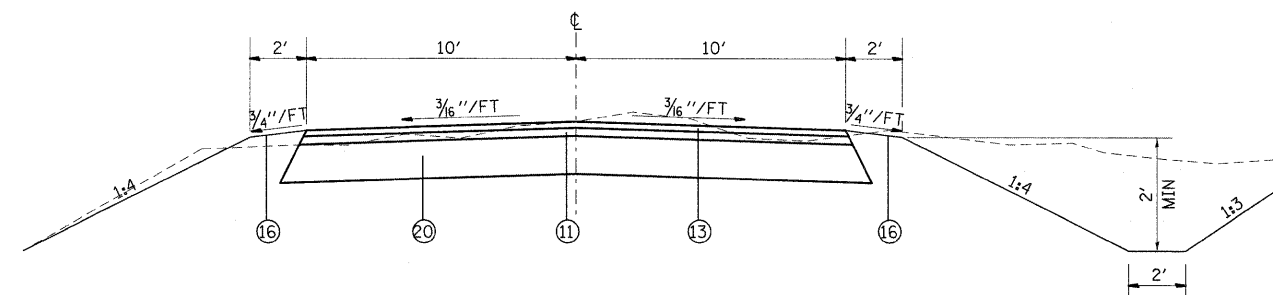


PROPOSED SERVICE ROAD
STA 10+22.7 TO STA 14+98



*THICKNESS OF EXISTING PAVEMENT TO BE REMOVED IS ESTIMATED. REMOVAL OF PAVEMENT EXCEEDING 12" IN THICKNESS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.

PROPOSED SERVICE ROAD
STA 14+98 TO STA 15+52.25



PROPOSED SERVICE ROAD
STA 15+52.25 TO STA 25+25.5

LEGEND

- | | |
|---|--|
| ① EXISTING PAVEMENT (± 12") | ⑬ PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2" |
| ② EXISTING BITUMINOUS SURFACE COURSE 1 1/2" | ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ EXISTING AGGREGATE SHOULDERS | ⑮ PROPOSED AGGREGATE (PRIME COAT) |
| ④ EXISTING 9"-7"-9" P.C.C. PAVEMENT | ⑯ PROPOSED EARTH SHOULDERS |
| ⑤ EXISTING LEVELING BINDER 1" | ⑰ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B |
| ⑥ EXISTING BITUMINOUS OVERLAY | ⑱ PROPOSED AGGREGATE SHOULDERS TYPE A 6" |
| ⑦ EXISTING TYPE B GUTTER | ⑲ PAVEMENT REMOVAL (12") |
| ⑧ EXISTING AGGREGATE SURFACE COURSE | ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE A 8" |
| ⑨ EXISTING OIL AND CHIP | ㉑ GUTTER REMOVAL |
| ⑩ PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4" | ㉒ PAVEMENT REMOVAL (9"-7"-9") |
| ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD) - 2" | ㉓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH |
| ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD) - VARIES 3/4" TO 5 7/8" | |

STRUCTURAL DESIGN TRAFFIC: Year 2027
 PV = 92% SU = 5% MU = 3%
 ROAD/STREET CLASSIFICATION: Class LOCAL ROAD
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 22 S = 2 M = 1
 TRAFFIC FACTOR: Actual TF = 0.00 AC Type = 20
 Minimum TF = 0.5
 PG GRADE: Binder = PG 64-22 Surface = PG 64-22
 SUBGRADE SUPPORT RATING:
 SSR = POOR

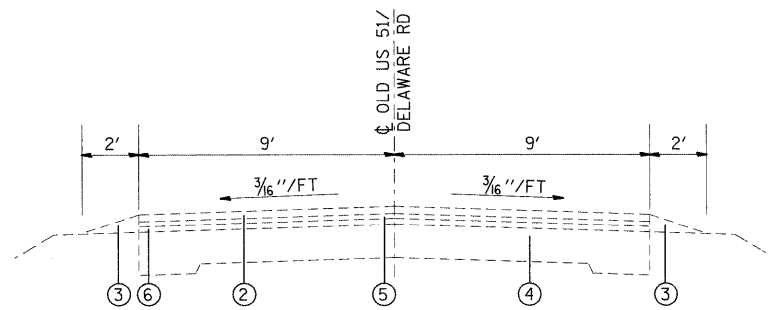
MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE COURSE & INCIDENTAL	LEVELING BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		
FRICITION AGG	MIXTURE "C"	MIXTURE "C"

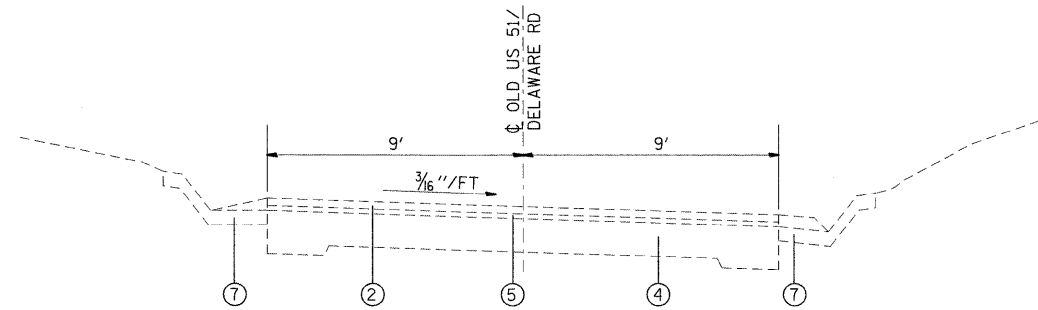
PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

NOTE: NOT TO SCALE

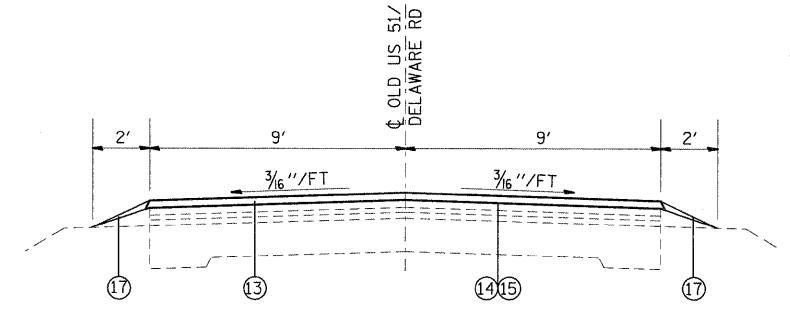
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PLOT SCALE = 50.0000' / IN.	CHECKED - A. MUEHLFELD	DRAWN - R. THARP	REVISED -		SCALE:	SHEET NO. 1 OF 4 SHEETS	STA. 10+22.7 TO STA. 25+25.5	CONTRACT NO. 76132				
PLOT DATE = 12/10/2009	DATE - 12/3/2009				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



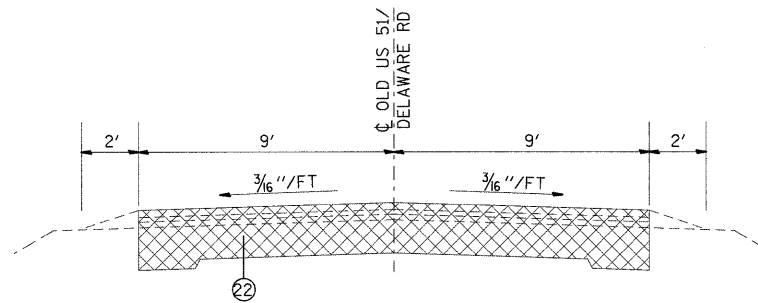
EXISTING OLD US 51/DELAWARE ROAD
 STA 507+87.57 TO STA 534+46
 STA 534+94 TO STA 535+80



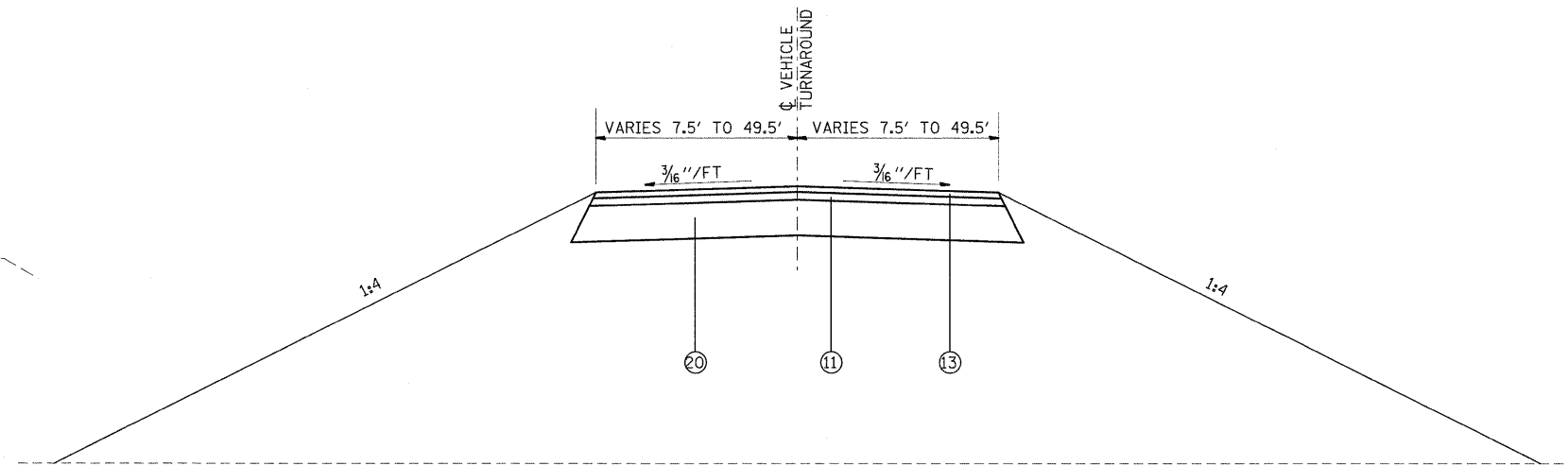
EXISTING OLD US 51/DELAWARE ROAD
 STA 535+80 TO STA 538+50



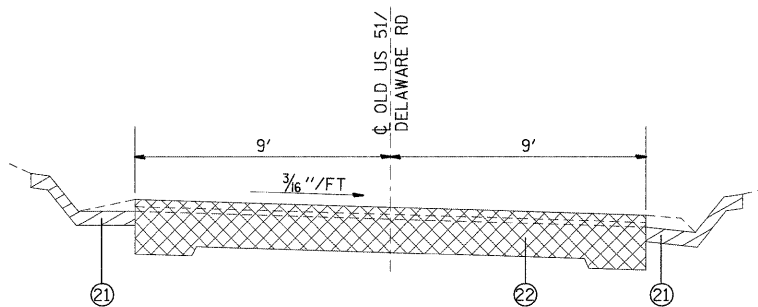
PROPOSED OLD US 51/DELAWARE ROAD
 STA 511+00 TO STA 534+00



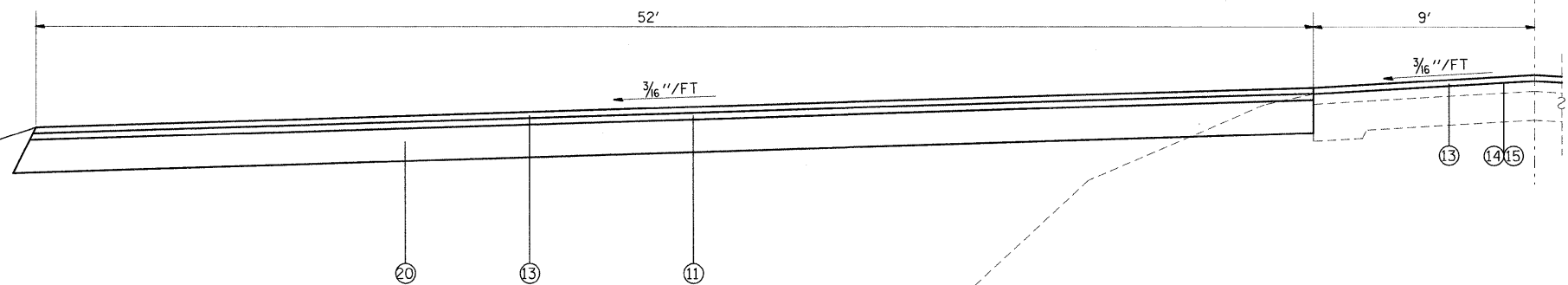
PROPOSED OLD US 51/DELAWARE ROAD
 STA 534+25 TO STA 534+46
 STA 534+94 TO STA 535+80



PROPOSED VEHICLE TURNAROUND - OLD US 51/DELAWARE RD
 STA. 532+50



PROPOSED OLD US 51/DELAWARE ROAD
 STA 535+80 TO STA 539+38.7



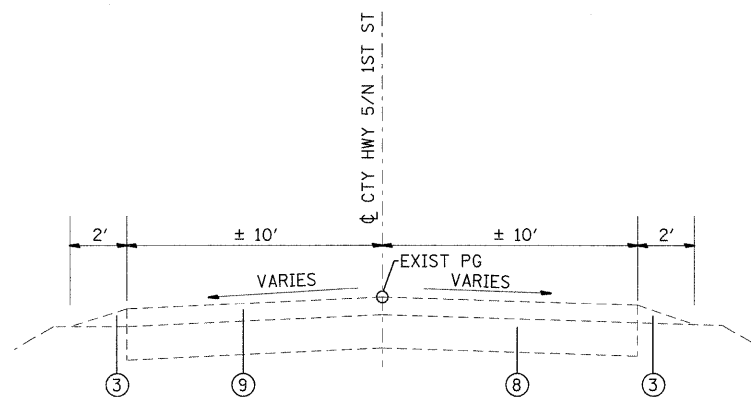
PROPOSED VEHICLE TURNAROUND - OLD US 51/DELAWARE RD
 STA 532+50

LEGEND

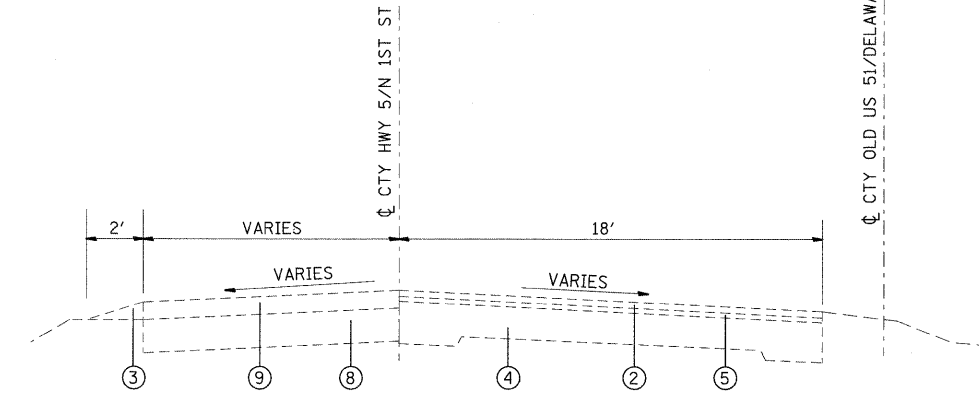
- | | | | |
|---|---|--|---|
| ① EXISTING PAVEMENT (± 12") | ⑦ EXISTING TYPE B GUTTER | ⑬ PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2" | ⑰ PAVEMENT REMOVAL (12") |
| ② EXISTING BITUMINOUS SURFACE COURSE 1 1/2" | ⑧ EXISTING AGGREGATE SURFACE COURSE | ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) | ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE A 8" |
| ③ EXISTING AGGREGATE SHOULDERS | ⑨ EXISTING OIL AND CHIP | ⑮ PROPOSED AGGREGATE (PRIME COAT) | ㉑ GUTTER REMOVAL |
| ④ EXISTING 9"-7"-9" P.C.C. PAVEMENT | ⑩ PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4" | ⑯ PROPOSED EARTH SHOULDERS | ㉒ PAVEMENT REMOVAL (9"-7"-9") |
| ⑤ EXISTING LEVELING BINDER 1" | ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD) - 2" | ⑰ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B | ㉓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH |
| ⑥ EXISTING BITUMINOUS OVERLAY | ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD) - VARIES 3/4" TO 5 7/8" | ⑱ PROPOSED AGGREGATE SHOULDERS TYPE A 6" | |

NOTE: NOT TO SCALE

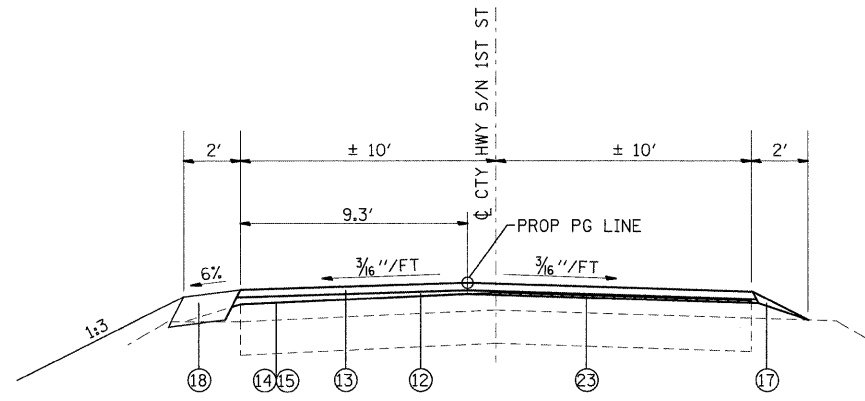
FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS	DR&SB1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PW\DOT\THARP\l\dms52424\d87132-sht-typico1.dgn	DRAWN - R. THARP	REVISED -	322&2			95-AC & 32B-1	WASHINGTON	63	5	
PLOT SCALE = 50.0000 "/ IN.	CHECKED - A. MUEHLFELD	REVISED -	CONTRACT NO. 76132							
PLOT DATE = 12/10/2009	DATE - 12/3/2009	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. 2 OF 4 SHEETS	STA. 507+87.57 TO STA. 529+38.7				



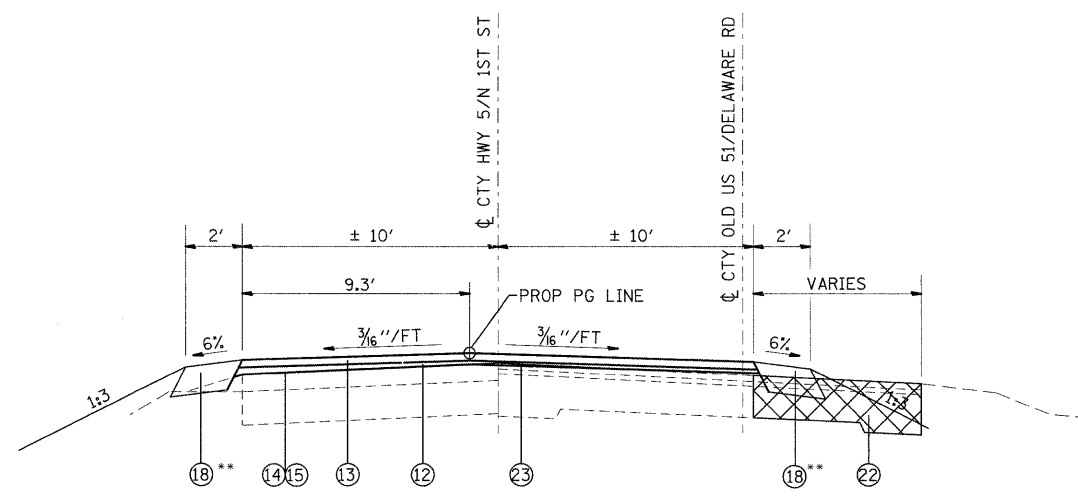
EXISTING COUNTY HWY 5/N 1ST ST
 STA 107+00 TO STA 108+30
 (STA 0+00 TO STA 1+30)



EXISTING COUNTY HWY 5/N 1ST ST
 STA 108+30 TO STA 109+05.65
 (STA 1+30 TO STA 2+05.65)



PROPOSED COUNTY HWY 5/N 1ST ST
 STA 107+00 TO STA 108+30
 (STA 0+00 TO STA 1+30)



PROPOSED COUNTY HWY 5/N 1ST ST
 STA 108+30 TO STA 109+05.65
 (STA 1+30 TO STA 2+05.65)

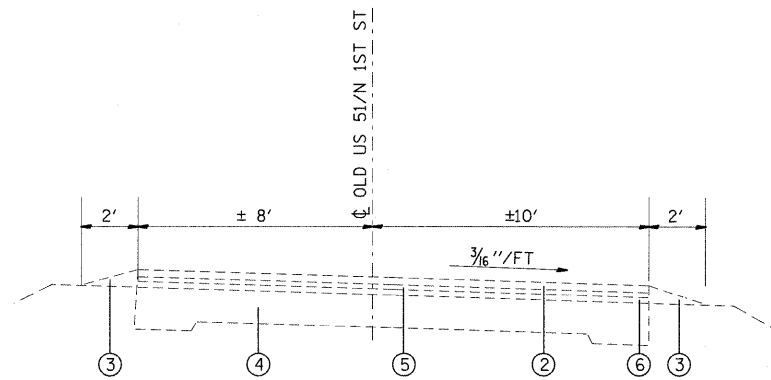
STATION	PROPOSED LEVELING BINDER THICKNESS	
	LT EDGE PAVT (INCHES)	RT EDGE PAVT (INCHES)
0+50	2.31	0.75
1+00	3.50	0.75
1+10	2.71	0.75
1+20	2.41	0.75
1+30	3.05	0.75
1+40	3.62	0.75
1+50	4.08	0.75
1+60	4.49	2.06
1+70	3.74	2.63
1+80	2.82	3.44
1+90	1.78	4.54
2+00	0.75	5.72
2+54.89	0.75	5.81
3+04.83	0.75	5.18
3+54.75	0.75	5.12
4+04.66	0.75	3.16
4+54.66	0.75	1.64
5+04.66	3.46	1.08
5+54.68	1.84	1.27
6+04.69	3.22	0.75
6+54.69	1.46	0.75
7+04.69	1.59	0.99

** PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
 STA 108+30 TO STA 108+60 RT (STA 1+30 TO STA 1+60 RT)
 STA 108+80 TO STA 109+05.65 LT (STA 1+80 TO STA 2+05.65 LT)

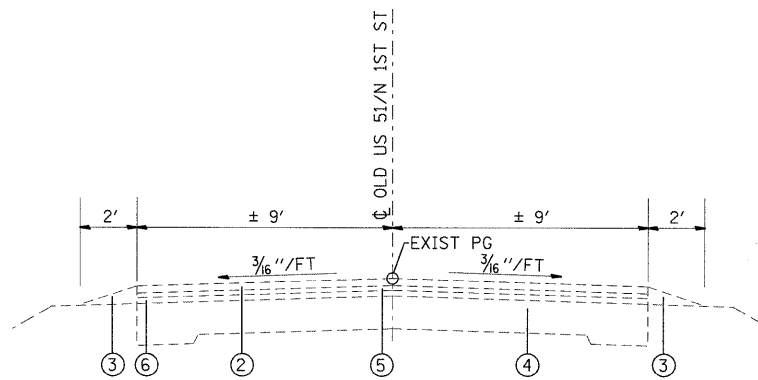
LEGEND

- | | |
|---|--|
| ① EXISTING PAVEMENT (± 12") | ⑬ PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2" |
| ② EXISTING BITUMINOUS SURFACE COURSE 1 1/2" | ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ EXISTING AGGREGATE SHOULDERS | ⑮ PROPOSED AGGREGATE (PRIME COAT) |
| ④ EXISTING 9"-7"-9" P.C.C. PAVEMENT | ⑯ PROPOSED EARTH SHOULDERS |
| ⑤ EXISTING LEVELING BINDER 1" | ⑰ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B |
| ⑥ EXISTING BITUMINOUS OVERLAY | ⑱ PROPOSED AGGREGATE SHOULDERS TYPE A 6" |
| ⑦ EXISTING TYPE B GUTTER | ⑲ PAVEMENT REMOVAL (12") |
| ⑧ EXISTING AGGREGATE SURFACE COURSE | ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE A 8" |
| ⑨ EXISTING OIL AND CHIP | ㉑ GUTTER REMOVAL |
| ⑩ PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4" | ㉒ PAVEMENT REMOVAL (9"-7"-9") |
| ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD) - 2" | ㉓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH |
| ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD) - VARIES 3/4" TO 5 7/8" | |

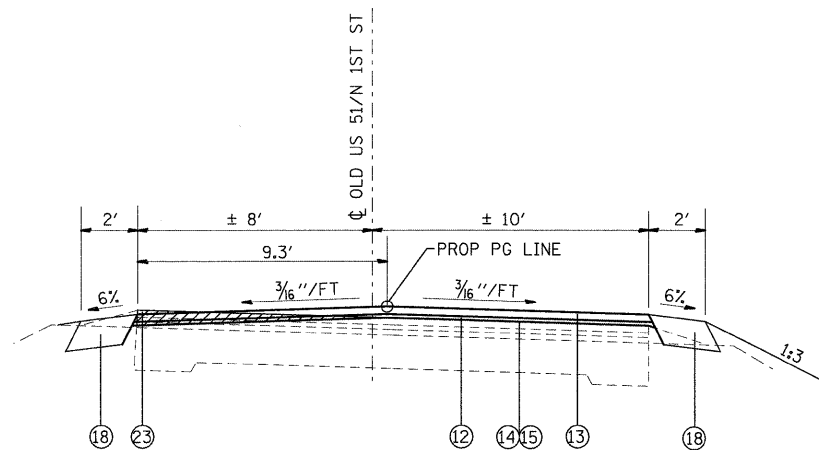
NOTE: NOT TO SCALE



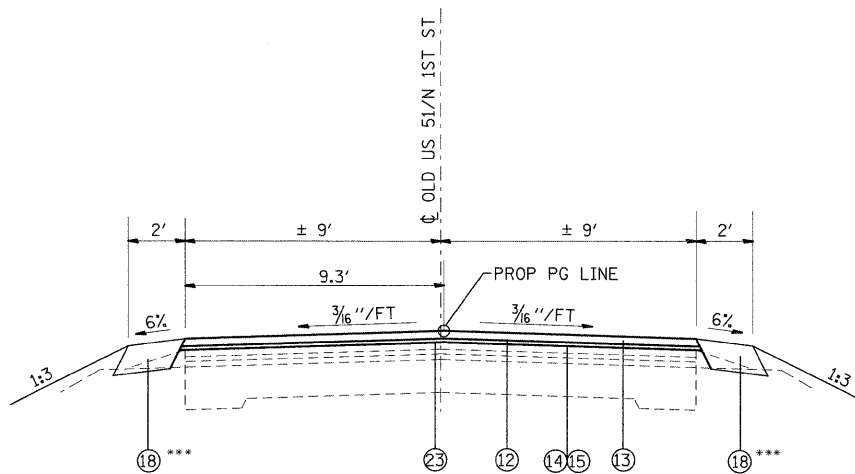
EXISTING OLD US 51/N 1ST ST
 STA 540+00 TO STA 540+89.97
 (STA 2+04.95 TO STA 2+94.85)



EXISTING OLD US 51/N 1ST ST
 STA 540+89.97 TO STA 545+45.3
 (STA 2+94.85 TO STA 7+50)



PROPOSED OLD US 51/N 1ST ST
 STA 540+00 TO STA 540+89.97
 (STA 2+04.95 TO STA 2+94.85)



PROPOSED OLD US 51/N 1ST ST
 STA 540+89.97 TO STA 545+45.3
 (STA 2+94.85 TO STA 7+50)

*** PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B
 STA 541+50 TO STA 545+45.3 LT & RT
 (STA 3+54.75 TO STA 7+50 LT & RT)

STATION	PROPOSED LEVELING BINDER THICKNESS	
	LT EDGE PAVT (INCHES)	RT EDGE PAVT (INCHES)
0+50	2.31	0.75
1+00	3.50	0.75
1+10	2.71	0.75
1+20	2.41	0.75
1+30	3.05	0.75
1+40	3.62	0.75
1+50	4.08	0.75
1+60	4.49	2.06
1+70	3.74	2.63
1+80	2.82	3.44
1+90	1.78	4.54
2+00	0.75	5.72
2+54.89	0.75	5.81
3+04.83	0.75	5.18
3+54.75	0.75	5.12
4+04.66	0.75	3.16
4+54.66	0.75	1.64
5+04.66	3.46	1.08
5+54.68	1.84	1.27
6+04.69	3.22	0.75
6+54.69	1.46	0.75
7+04.69	1.59	0.99

LEGEND

- | | |
|---|--|
| ① EXISTING PAVEMENT (± 12") | ⑬ PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2" |
| ② EXISTING BITUMINOUS SURFACE COURSE 1 1/2" | ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT) |
| ③ EXISTING AGGREGATE SHOULDERS | ⑮ PROPOSED AGGREGATE (PRIME COAT) |
| ④ EXISTING 9"-7"-9" P.C.C. PAVEMENT | ⑯ PROPOSED EARTH SHOULDERS |
| ⑤ EXISTING LEVELING BINDER 1" | ⑰ PROPOSED AGGREGATE WEDGE SHOULDERS, TYPE B |
| ⑥ EXISTING BITUMINOUS OVERLAY | ⑱ PROPOSED AGGREGATE SHOULDERS TYPE A 6" |
| ⑦ EXISTING TYPE B GUTTER | ⑲ PAVEMENT REMOVAL (12") |
| ⑧ EXISTING AGGREGATE SURFACE COURSE | ⑳ PROPOSED AGGREGATE BASE COURSE, TYPE A 8" |
| ⑨ EXISTING OIL AND CHIP | ㉑ GUTTER REMOVAL |
| ⑩ PROPOSED LEVELING BINDER (MACHINE METHOD) - 3/4" | ㉒ PAVEMENT REMOVAL (9"-7"-9") |
| ⑪ PROPOSED LEVELING BINDER (MACHINE METHOD) - 2" | ㉓ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH |
| ⑫ PROPOSED LEVELING BINDER (MACHINE METHOD) - VARIES 3/4" TO 5 7/8" | |

NOTE: NOT TO SCALE

FILE NAME =	USER NAME = r.tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			DR&SB1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01\pwork\PWIDOT\THARPRL\dms52424\d87	132-shr-typocal.dgn	DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-1	WASHINGTON	63	7			
	PLOT SCALE = 50.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -		CONTRACT NO. 76132							
	PLOT DATE = 12/10/2009	DATE - 12/3/2009	REVISED -		SCALE:	SHEET NO. 4 OF 4 SHEETS	STA. 2+04.95 TO STA. 7+50	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING SCHEDULE

LOCATION		THERMOPLASTIC PAVEMENT MARKING SKIP - DASH CENTERLINE 4" YELLOW FOOT	THERMOPLASTIC PAVEMENT MARKING EDGE LINE 4" WHITE	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING - LINE 4"	WORK ZONE PAVEMENT REMOVAL SQ FT	RAISED REFLECTIVE PAVEMENT MARKER 2-WAY AMBER EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH	PAVEMENT MARKING REMOVAL SQ FT	
STATION	TO STATION	FOOT	LT FOOT	RT FOOT	FOOT	FOOT	SQ FT	EACH	EACH	SQ FT
SECTION 95-AC										
10+22.7	TO 25+25.5	380			1498	1524	136	3402	1180	
SECTION 32B-I										
511+00	TO 534+00	580			2294	2325	208	5199	1803	
OLD US 51/COUNTY HWY 5/N 1ST ST										
0+00	TO 7+50	190			750	750	108	1690	600	10
TOTAL =					10291		452	10291	3583	10

* QUANTITY FOR CONFLICTING PAVEMENT MARKINGS WHICH FALL OUTSIDE THE STATIONING LISTED.

EROSION CONTROL SCHEDULE

LOCATION			PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET	INLET AND PIPE PROTECTION	POTASSIUM FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	NITROGEN FERTILIZER NUTRIENT	MULCH, METHOD 2	SEEDING CLASS 2	SEEDING CLASS 4B	TEMPORARY DITCH CHECK	TEMPORARY EROSION CONTROL SEEDING
STATION	TO STATION	LT/RT	FOOT	SQ YD	EACH	POUND	POUND	POUND	ACRE	ACRE	ACRE	FOOT	POUND
SECTION 32B-I													
10+22.7	TO 14+50	LT			1								
10+22.7	TO 14+50	RT			3								
14+50	TO 14+98	LT	50			10	10	10	0.4	0.1			30
14+50	TO 14+98	RT	54			10	10	10	0.4	0.1			30
14+98	TO 16+00	LT				10	10	10	0.4		0.1		30
14+98	TO 17+17.2	RT				10	10	10	0.4	0.1			30
16+00	TO 16+50	LT	52	65		10	10	10	0.4		0.1		30
16+50	TO 21+50	LT	502			10	10	10	0.4		0.1		30
17+17.2	TO 17+54.2	RT			2								
17+54.2	TO 21+76.6	RT				20	20	20	0.8	0.2		18	60
21+50	TO 21+81.6	LT				10	10	10	0.4		0.1		30
21+81.6	TO 22+08.6	LT			2								
21+76.6	TO 22+02.6	RT			2								
22+02.6	TO 25+16.1	RT			1	10	10	10	0.4	0.1		36	30
22+08.6	TO 25+13.9	LT			1	10	10	10	0.4	0.1		36	30
SECTION 95-AC													
531+98	TO 533+01	LT	265		2	10	10	10	0.4	0.1			30
534+25	TO 534+46					10	10	10	0.4	0.1			30
534+94	TO 535+15		58			10	10	10	0.4	0.1			30
535+15	TO 539+38.7					40	40	40	1.6	0.4			120
OLD US 51/COUNTY HWY 5/N 1ST ST													
0+00	TO 4+04.66	LT	404			10	10	10	0.4	0.1			30
0+00	TO 2+54.89	RT				10	10	10	0.4	0.1			30
2+54.89	TO 4+04.66	RT	137			10	10	10	0.4	0.1			30
TOTAL =			1522	65	14	210	210	210	8.4	1.7	0.4	90	630

TREE SCHEDULE

LOCATION		TREE, QUERCUS PALUSTRIS (PIN OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	TREE, CORNUS ALTERNIFOLIA (PAGODA DOG WOOD), 3' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	TREE, CORNUS FLORIDA (FLOWERING DOG WOOD), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED
STATION	TO STATION	EACH	EACH	EACH	EACH
SECTION 32B-I					
531+98	TO 533+01	9	9	2	2
TOTAL =		9	9	2	2

TREE REMOVAL SCHEDULE

LOCATION			DIAMETER		
SECTION 95-AC	STATION	OFFSET (FT)	RT/LT	6" TO 15" (UNITS)	OVER 15" (UNITS)
	14+61.3	51.5	RT	10	
	14+73.8	49.3	RT	12	
	14+85.2	49.1	RT	12	
	14+89.4	41.4	RT	8	
	14+94.1	51.9	RT	8	
	14+97.8	49.4	RT	8	
	15+08.5	48.3	RT	8	
	15+23.4	42.8	RT	15	
	15+33.1	45.7	RT		20
	15+37.4	37.0	RT	8	
	15+57.5	54.9	RT	12	
	15+67.5	40.0	RT		30
	15+70.4	27.2	LT	8	
	15+75.6	38.2	RT	6	
	15+78.5	28.7	LT	12	
	15+90.4	38.6	RT	12	
	15+97.4	39.5	RT	12	
	16+04.3	15.3	LT	12	
	16+15.7	29.8	RT	12	
	16+35.2	33.8	RT	15	
	16+42.8	31.4	RT	8	
	16+46.8	24.7	RT	6	
TOTAL =				204	50

ROW MARKERS SCHEDULE

LOCATION			FURNISHING & ERECTING RIGHT-OF-WAY MARKERS	
SECTION 95-AC	STATION	OFFSET (FT)	RT/LT	(EACH)
	14+53.41	42.90	RT	1
	16+49.81	34.69	RT	1
	15+59.01	47.20	RT	1
	15+74.54	37.45	RT	1
	20+50	33.13	LT	1
	20+50	36.87	RT	1
	24+83.66	39.23	RT	1
	25+08.5	63.23	RT	1
	25+11.72	63.08	RT	1
	24+78.66	30.80	RT	1
	25+03.79	55.66	RT	1
	25+07.6	55.76	RT	1
TOTAL =				12

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJ FOR SHRINKAGE (25%)	CHANNEL EXCAVATION	FURNISHED EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STATION TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD
SECTION 95-AC					
14+50 TO 14+98	40.4	30.3		1.3	29.0
14+98 TO 15+50	133.4	100.0		2.0	98.0
15+50 TO 16+00	163.0	122.2		0.6	121.6
16+00 TO 16+50	122.8	92.1		0.1	92.0
16+50 TO 17+00	80.8	60.6		0.6	60.0
17+00 TO 17+70	98.5	73.9		3.2	70.6
17+70 TO 18+00	43.6	32.7		1.9	30.7
18+00 TO 18+50	75.8	56.9		2.4	54.5
18+50 TO 19+00	81.0	60.8		1.0	59.7
19+00 TO 19+50	86.7	65.0		0.3	64.7
19+50 TO 20+00	81.7	61.3		1.0	60.2
20+00 TO 20+50	70.4	52.8		3.7	49.1
20+50 TO 21+00	67.6	50.7		4.4	46.3
21+00 TO 21+50	95.4	71.5		1.8	69.8
21+50 TO 22+15	153.0	114.7		1.8	112.9
22+15 TO 22+50	71.2	53.4		3.4	50.1
22+50 TO 23+00	76.3	57.2		9.3	48.0
23+00 TO 23+50	49.2	36.9		15.7	21.1
23+50 TO 24+00	27.6	20.7		24.6	-3.9
24+00 TO 24+50	20.1	15.1		23.7	-8.6
24+50 TO 24+90	21.7	16.3		14.4	1.8
24+90 TO 25+00	6.6	4.9		4.7	0.2
25+00 TO 25+25.5	8.2	6.1		11.1	-5.0
SECTION 32B-I					
532+00 TO 533+00				1116	-1116
534+25 TO 534+46			210		
534+94 TO 535+15			226		
535+15 TO 539+39				1388	-1388
OLD US 51/COUNTY HWY 5/N 1ST ST					
0+50 TO 1+00	0.0	0.0		0.9	-0.9
1+00 TO 1+10	0.0	0.0		0.2	-0.2
1+10 TO 1+20	0.0	0.0		0.2	-0.2
1+20 TO 1+30	0.0	0.0		0.3	-0.3
1+30 TO 1+40	0.0	0.0		0.3	-0.3
1+40 TO 1+50	0.0	0.0		0.4	-0.4
1+50 TO 1+60	0.0	0.0		0.6	-0.6
1+60 TO 1+70	0.0	0.0		0.9	-0.9
1+70 TO 1+80	0.0	0.0		0.6	-0.6
1+80 TO 1+90	0.0	0.0		0.2	-0.2
1+90 TO 2+00	0.0	0.0		0.9	-0.9
2+00 TO 2+05.65	0.0	0.0		1.3	-1.3
2+05.65 TO 2+54.89	0.0	0.0		10.3	-10.3
2+54.89 TO 3+04.83	0.0	0.0		4.6	-4.6
3+04.83 TO 3+54.75	1.2	0.9		1.9	-1.0
3+54.75 TO 4+04.66	1.2	0.9		0.9	0.0
4+04.66 TO 4+54.66	0.0	0.0		0.3	-0.3
4+54.66 TO 5+04.66	0.0	0.0		0.0	0.0
5+04.66 TO 5+54.68	0.0	0.0		0.0	0.0
5+54.68 TO 6+04.69	0.0	0.0		0.0	0.0
6+04.69 TO 6+54.69	0.0	0.0		0.0	0.0
6+54.69 TO 7+04.69	0.0	0.0		0.0	0.0
TOTAL =	1675	1258	436	2662	-1404

REMOVAL SCHEDULE

LOCATION	PAVEMENT REMOVAL	GUTTER REMOVAL	REMOVE SIGN PANEL TYPE 1	GUARDRAIL REMOVAL	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
STATION TO STATION	SQ YD	FOOT	SQ FT	FOOT	EACH	SQ YD
SECTION 95-AC						
14+98 TO 15+52.25	116					
SECTION 32B-I						
525+00 TO 534+25			21			
534+25 TO 534+46	43		12		2	
534+94 TO 539+38.7	994	602	33.25	15	1	
OLD US 51/COUNTY HWY 5/N 1ST ST						
104+50 TO 107+00			6.25			
0+00 TO 7+50			6			533
TOTAL =	1153	602	78.5	15	3	533

PIPE CULVERT SCHEDULE

LOCATION	PIPE CULVERTS CLASS D TYPE 1 15"	PIPE CULVERTS CLASS D TYPE 1 30"	PIPE CULVERTS CLASS D TYPE 2 30"	END SECTIONS 15"	END SECTIONS 30"	PIPE CULVERT REMOVAL (SPECIAL)
STATION TO STATION	FOOT	FOOT	FOOT	EACH	EACH	FOOT
SECTION 95-AC						
17+17.2 TO 17+54.2 RT	37			2		
21+76.6 TO 22+02.6 RT	26			2		
21+81.6 TO 22+08.6 LT	27			2		
25+13.9 TO 25+16.1		76			2	31
SECTION 32B-I						
531+98 TO 533+01 LT			103		2	
TOTAL =	90	76	103	6	4	31

SIGN SCHEDULE

SIGN NAME	LOCATION		SIGN PANEL - TYPE 1 (SQ FT)	SIGN PANEL - TYPE 2 (SQ FT)	WOOD SIGN SUPPORT (FOOT)
	STATION	LT/RT			
SECTION 32B-I					
DEAD END SIGN (W14-1 30")	10+60	RT	6.25		20
SPEED LIMIT SIGN 20 MPH (R2-1 24"x30")	11+10	RT	5		23
SPEED LIMIT SIGN 20 MPH (R2-1 24"x30")	24+00	LT	5		19
STOP SIGN (R1-1 30")	25+20	RT	6.25		21
SECTION 95-AC					
DEAD END SIGN (W14-1 30")	514+00	RT	6.25		17
ROAD ENDS 500 FEET SIGN (48")	529+05	RT		16	17
TYPE 1 OBJECT MARKER (RED) (OM4-1 18")	533+90		2.25		13
TYPE 1 OBJECT MARKER (RED) (OM4-1 18")	533+90		2.25		13
ROAD ENDS (R11-I100 36"x30")	533+90		7.5		13
TOTAL =			40.75	16	156

RESURFACING SCHEDULE

LOCATION			BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD)	HOT-MIX ASPHALT SURFACE COURSE	AGGREGATE BASE COURSE TYPE A 8"	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE TYPE B	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	AGGREGATE WEDGE SHOULDER, TYPE B		AGGREGATE SHOULDER, TYPE A 6"		TEMPORARY RAMP
STATION	TO	STATION	TON	TON	TON	TON	SQ YD	TON	CU YD	SQ YD	LT	RT	LT	RT	SQ YD
SECTION 95-AC															
10+22.7	TO	10+52.7	0.1	0.3		16.5				197	0.3	0.3			
10+52.7	TO	10+67.7	0.1	0.9	2.5	6.2					0.2	0.2			
10+67.7	TO	14+98	0.3	1.6	43.5	85.8					6.0	6.0			
14+98	TO	17+09			52.5	39.4	468.9								
17+09	TO	17+62.4			13.3	10.0	118.7								
17+09	TO	17+62.4	RT				26.9	5.3	8.4						
17+62.4	TO	21+69.6			101.3	76.0	904.9								
21+69.6	TO	22+15.6			11.4	8.6	102.1								
21+69.6	TO	22+09.6	RT				19.4	3.8	7.1						
21+75.8	TO	22+15.6	LT				19.4	3.8	4.6						
22+15.6	TO	24+90			68.3	51.2	609.8								
24+90	TO	25+25.5			8.8	11.4	135.9								
SECTION 32B-I															
511+00	TO	511+30	0.1	0.2		5.1				60	0.3	0.3			
511+30	TO	511+86.8	0.1	0.2		9.5					0.6	0.2			
511+86.8	TO	512+12.2	0.1	0.2		4.4					0.1	0.1			
511+86.8	TO	512+12.2	LT					0.7	0.1						
512+12.2	TO	517+04.3	0.3	1.5		82.6					4.6	4.6			
517+04.3	TO	517+83	0.1	0.2		13.2					0.1	0.8			
517+04.3	TO	517+83	LT					1.9	0.3						
517+83	TO	519+14.3	0.1	0.4		22.1					1.2	1.2			
519+14.3	TO	519+66.8	0.1	0.2		8.8					0.1	0.5			
519+14.3	TO	519+66.8	LT					1.4	0.2						
519+66.8	TO	522+13.5	0.1	0.7		41.4					2.3	2.3			
522+13.5	TO	522+46	0.1	0.1		5.5					0.1	0.3			
522+13.5	TO	522+46	LT					0.8	0.1						
522+46	TO	523+31.4	0.1	0.3		14.3					0.8	0.8			
523+31.4	TO	523+65.4	0.1	0.1		5.7					0.1	0.3			
523+31.4	TO	523+65.4	LT					0.9	0.1						
523+65.4	TO	528+70.4	0.1	1.5		84.8					4.7	4.7			
528+70.4	TO	529+04.6	0.1	0.1		5.7					0.3	0.1			
528+70.4	TO	529+04.6	RT					0.9	0.1						
529+04.6	TO	532+00	0.1	0.9		49.6					2.7	2.7			
532+00	TO	533+00	0.1	0.3		16.8					0.1	1.0			
532+00	TO	533+00	LT		18.6	13.9	166								
533+00	TO	533+70	0.1	0.2		11.8					0.7	0.7			
533+70	TO	534+00	0.1	0.1		5.0					0.3	0.3			
OLD US 51/COUNTY HWY 5/N 1ST ST															
0+00	TO	1+30	0.1	0.4	56.7	24.3				67		1.8	29		12
1+30	TO	1+60	0.1	0.1	5.9	5.6						0.4	7		
1+60	TO	1+80	0.1	0.1	4.8	3.7							5	5	
1+80	TO	2+05.65	0.1	0.1	6.4	4.8					0.4			2	
2+05.65	TO	2+94.85	0.1	0.3	18.8	15.0							20	20	
2+94.85	TO	3+54.75	0.1	0.2	12.6	6.7							14	14	
3+88.6	TO	4+29.4	RT					1.4	0.2						
4+76.7	TO	5+11.5	LT					1.1	0.2						
6+73.8	TO	7+03.5	LT					1.0	0.2						
3+54.75	TO	7+50	0.3	1.2	85.4	66.4				60	5.5	5.5			10
TOTAL =			4	13	511	832	2572	23	22	384	67		116		22

Rev.

FILE NAME =	USER NAME = tharp.rj	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	DR&SB1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwwork\pwwid01\THARP\RL\dms52424\d87	132-schedule.dgn	DRAWN - R. THARP	REVISED -			322&2	95-AC & 32B-I	WASHINGTON	63	10	
PLOT SCALE = 50,0000 ' / IN.		CHECKED - A. MUEHLFELD	REVISED -			CONTRACT NO. 76132					
PLOT DATE = 1/7/2010		DATE - 12/9/2009	REVISED -			SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



REMOVE VARIABLE DEPTHS OF HMA SURFACE.
ADD LEVELING BINDER AND SURFACE COURSE
TO TRANSITION PAVEMENT
SEE SHEETS 21 AND 22 OF 63.

OLD US 51 / NORTH 1ST STREET

COUNTY HIGHWAY 5 / NORTH 1ST STREET

PAVEMENT REMOVAL
REMOVAL OF EXISTING STRUCTURE
GUTTER REMOVAL
SEE SHEET 20 OF 63.
PLANT TREES AND GRASS
SEE SHEET 45 OF 63.

EXISTING SN 095-0034
(TO BE REMOVED)

1 1/2" HMA OVERLAY
CONSTRUCT VEHICLE TURNAROUND
SEE SHEET 19 OF 63.

☉ VEHICLE TURNAROUND

OLD US 51/DELAWARE RD

RESURFACING EXISTING FRONTAGE ROAD/
NEW PAVEMENT FOR PROPOSED SERVICE ROAD
SEE SHEET 15 OF 63.

NEW PAVEMENT FOR PROPOSED SERVICE ROAD
SEE SHEET 16 OF 63.

RESURFACING EXISTING FRONTAGE ROAD
SEE SHEET 14 OF 63.

EXISTING FRONTAGE RD/
PROPOSED SERVICE RD

PROPOSED SERVICE ROAD

1 1/2" HMA OVERLAY
SEE SHEET 18 OF 63.

1 1/2" HMA OVERLAY
SEE SHEET 17 OF 63.

FOR INFORMATION ONLY
SEE SHEET 17 OF 63.

US ROUTE 51

NOTE: NOT TO SCALE

FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -
c:\pwork\PWIDOT\THARPR\ams52424\087	32-shr-location.dgn	DRAWN - R. THARP	REVISED -
	PLOT SCALE = 20,0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -
	PLOT DATE = 12/10/2009	DATE - 12/3/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

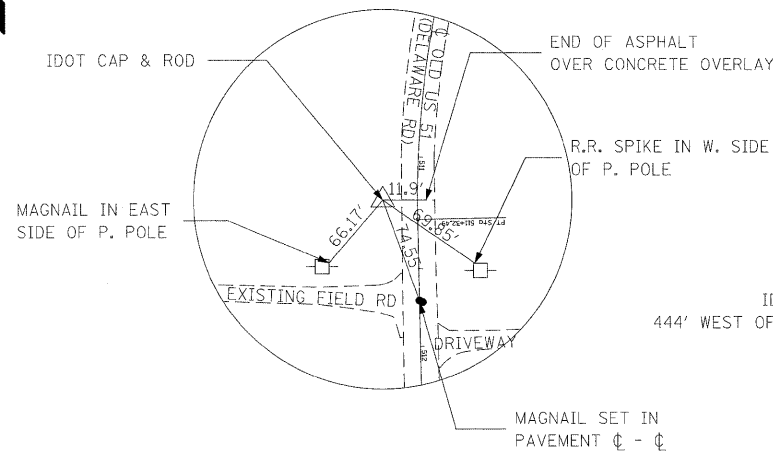
ALIGNMENT LAYOUT

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

DR&SBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	11
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

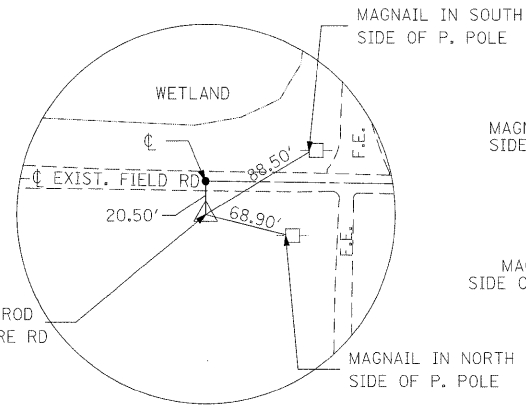
TBM 513: RR SPIKE SET IN WEST SIDE OF POWER POLE ON EAST SIDE OF OLD U.S. 51 (DELAWARE RD) ACROSS FROM EAST END OF FIELD ROAD TO BE IMPROVED, NEAR THE NW CORNER OF PROPERTY ADDRESSED.
STATION ±511+81, 29' LEFT, ELEVATION 535.954.

TBM 512: RR SPIKE SET IN SOUTH SIDE OF POWER POLE IN LINE WITH AND WEST OF THE CENTERLINE OF THE FIELD ROAD TO BE IMPROVED, AND IN LINE WITH AND NORTH OF THE EXISTING OIL AND CHIP FRONTAGE ROAD LOCATED ON THE EAST SIDE OF U.S. 51 SIDE OF I-64.
STATION ±15+54, 13.5' LEFT, ELEVATION 532.692.



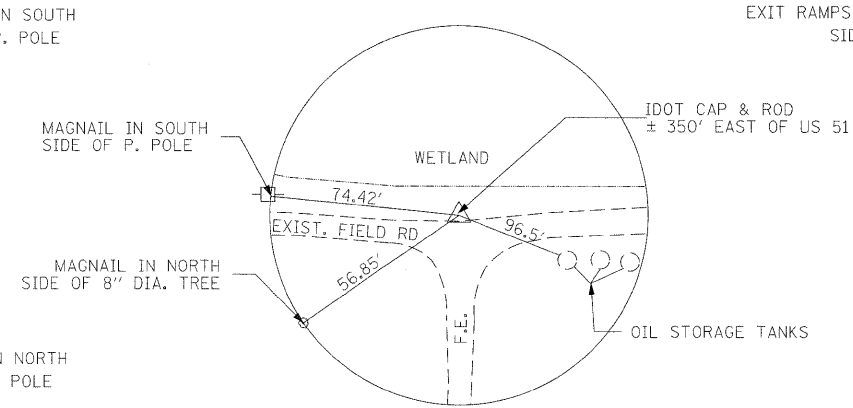
CONTROL POINT 50

STATION ± 25+20 (PROPOSED SERVICE RD)
OFFSET 73' LEFT
N. 628,294.7401 E. 582,629.1576



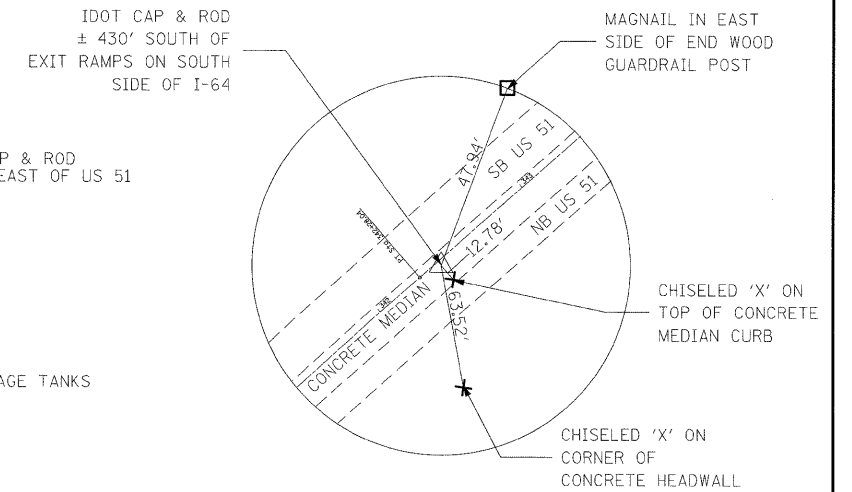
CONTROL POINT 51

STATION ± 20+89 (PROPOSED SERVICE RD)
OFFSET 22' LEFT
N. 628,208.4662 E. 582,196.4458



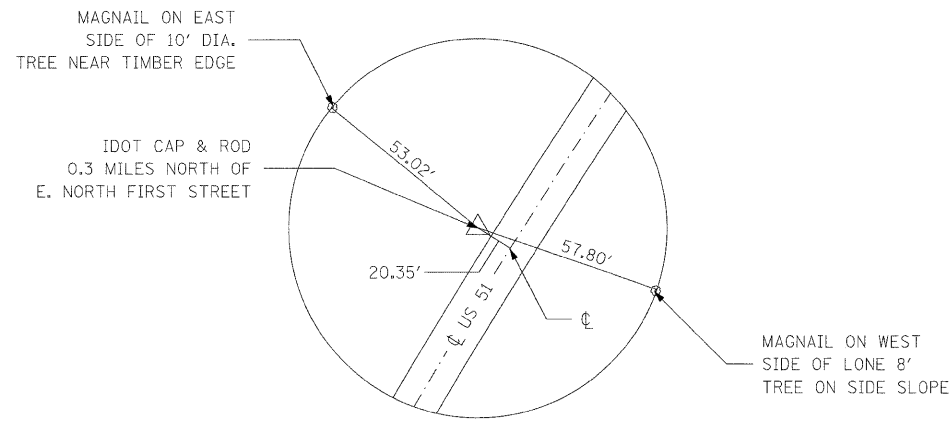
CONTROL POINT 52

STATION ± 16+94 (PROPOSED SERVICE RD)
OFFSET 8' LEFT
N. 628,245.9767 E. 581,801.2824



CONTROL POINT 53

STATION ± 342+27 (US 51)
OFFSET 0' LEFT
N. 628,230.7000 E. 581, 433.7718



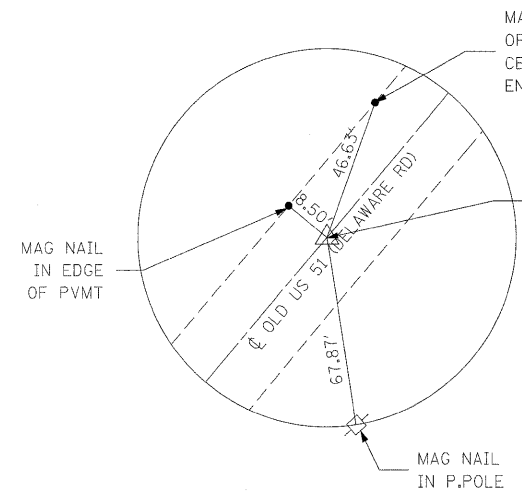
CONTROL POINT 54

STATION ± 331+13 (US 51)
OFFSET 21' LEFT
N. 627,395.5484 E. 580,697.9272

NOTES:
NOT TO SCALE.
ALL TIES ARE PULLED DIRECT.

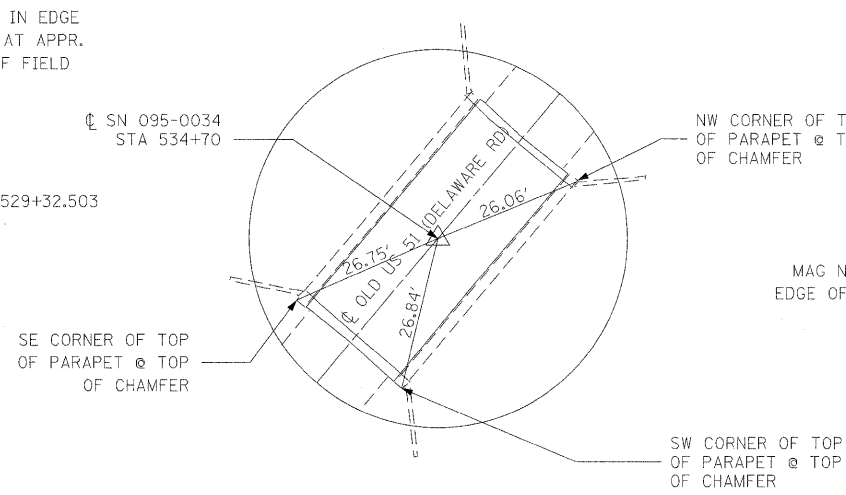
FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES & BENCHMARKS			DR&SBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw\work\p\idot\tharp1\dms52424\d876	32-ATB.dgn	DRAWN - R. THARP	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	322&2	95-AC & 32B-I	WASHINGTON	63	12
		CHECKED - A. MUEHLFELD	REVISED -		CONTRACT NO. 76132								
		DATE - 12/3/2009	REVISED -		ILLINOIS FED. AID PROJECT								

TBM 511: RR SPIKE IN POWER POLE AT NE CORNER OF INTERSECTION OF EAST NORTH FIRST ST. AND OLD US 51 (DELAWARE RD), ± 300 FEET SOUTH OF SN 095-0034, STATION 537+91, 23' LEFT, ELEVATION 526.46.
 TBM 512: RR SPIKE SET IN POWER POLE ON EAST SIDE OF ROAD, APPROX. 192 FEET SOUTH OF CONTROL POINT 6, APPROX. 665 FEET NORTH OF SN 095-0034, STATION 527+95, 24.6' LEFT, ELEVATION 529.94.



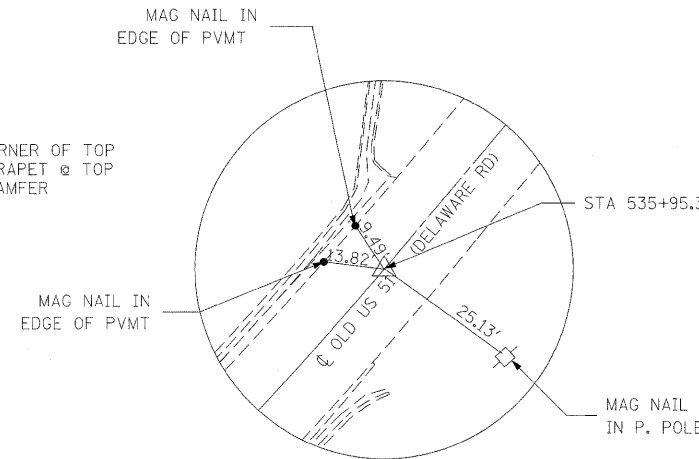
☐ OLD US 51 (DELAWARE RD)

STATION 529+32.503
 N. 626,561.5680 E. 582,327.0939



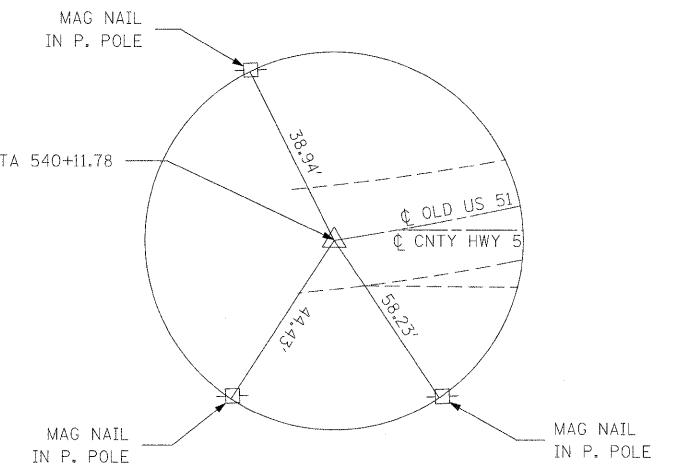
☐ OLD US 51 (DELAWARE RD)

STATION 534+70
 N. 626,149.4465 E. 581,982.0448



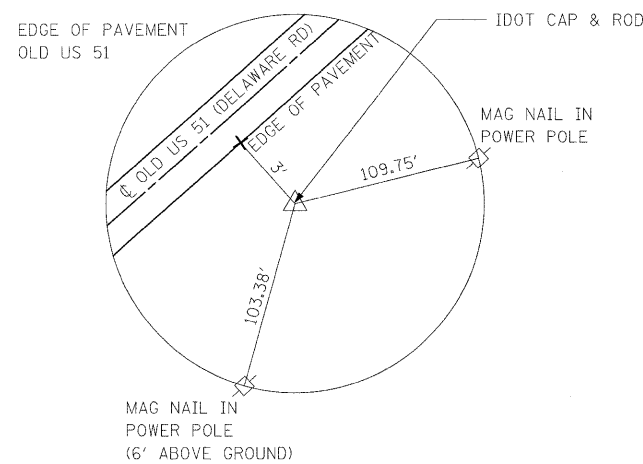
☐ OLD US 51 (DELAWARE RD)

P.C. STATION 535+95.32
 N. 626,053.3561 E. 581,901.5929



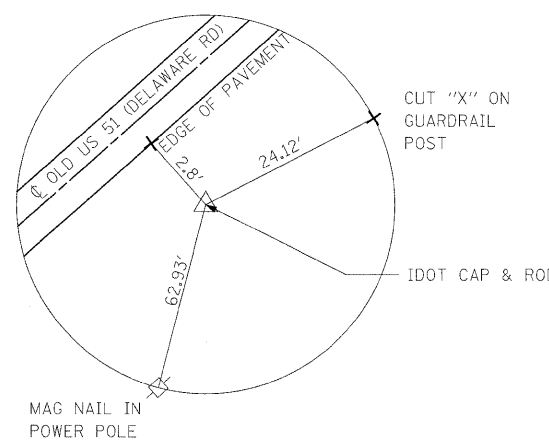
☐ OLD US 51 (DELAWARE RD)

P.T. STATION 540+11.78
 N. 625,852.1423 E. 581,547.0685



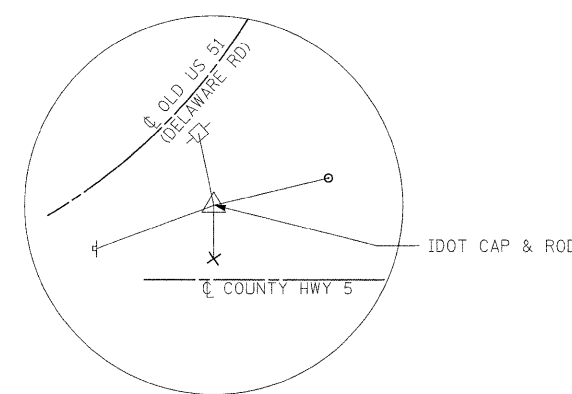
CONTROL POINT 1

STATION ± 530+96
 OFFSET 12' LEFT
 N. 626,441.8565 E. 582,211.6655



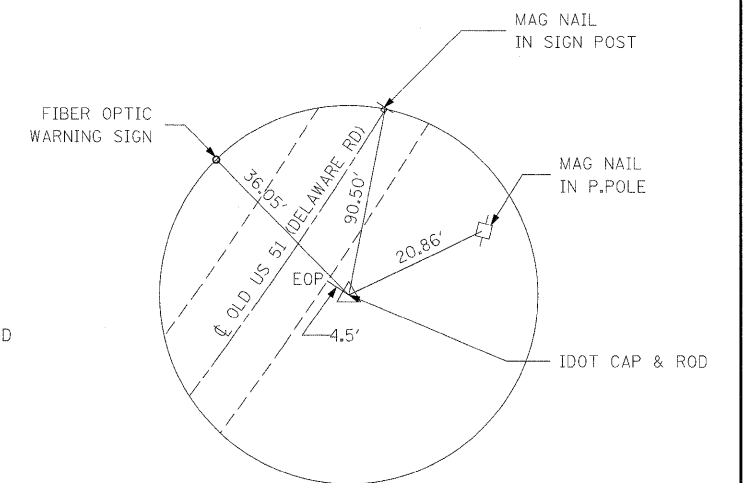
CONTROL POINT 2

STATION ± 535+32
 OFFSET 12' LEFT
 N. 626,094.4977 E. 581,951.4242



CONTROL POINT 3

STATION ± 538+08
 OFFSET 42' LEFT
 N. 626,882.2003 E. 582,758.8915

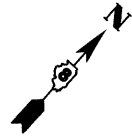


CONTROL POINT 6

STATION ± 526+13
 OFFSET 13.5' RIGHT
 N. 626,802.4128 E. 582,539.0840

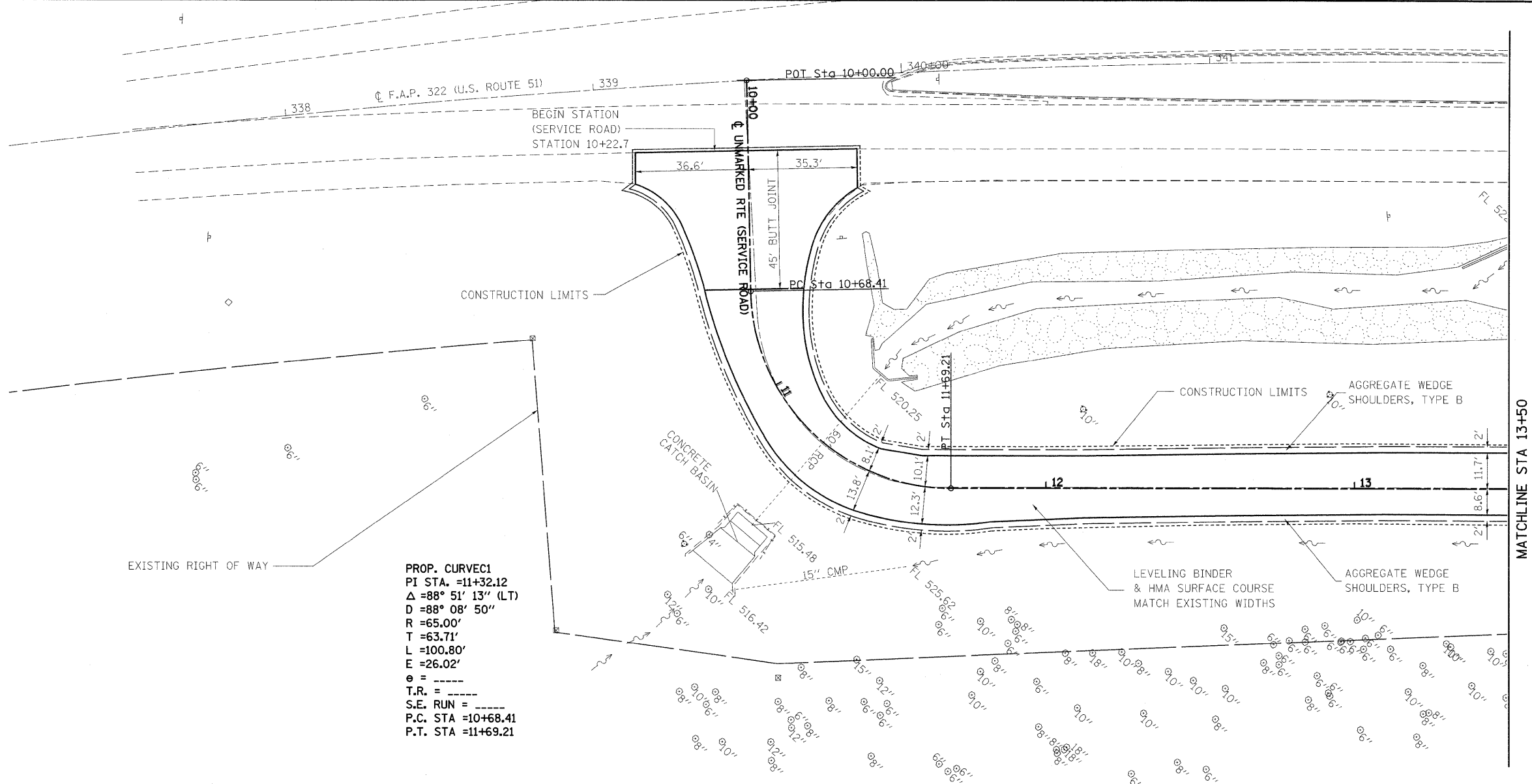
NOTES:
 NOT TO SCALE.
 ALL TIES ARE PULLED DIRECT.

FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES & BENCHMARKS			DR&SBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\px_work\pwsdot\tharp1\dms52424\d876	32-ATB.dgn	DRAWN - R. THARP	REVISED -					322&2	95-AC & 32B-1	WASHINGTON	63	13
		CHECKED - A. MUEHLFELD	REVISED -					CONTRACT NO. 76132				
		DATE - 12/3/2009	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.					

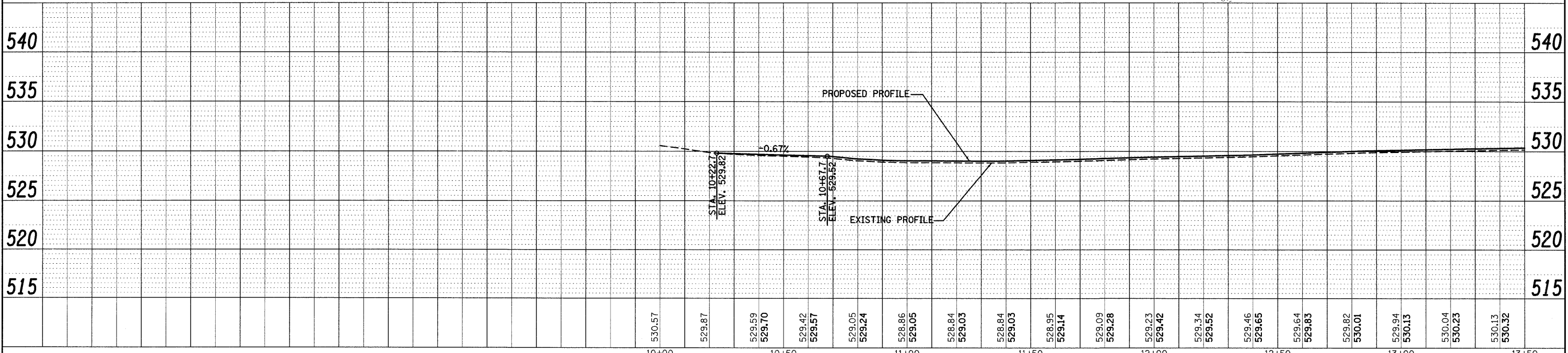


DATE	
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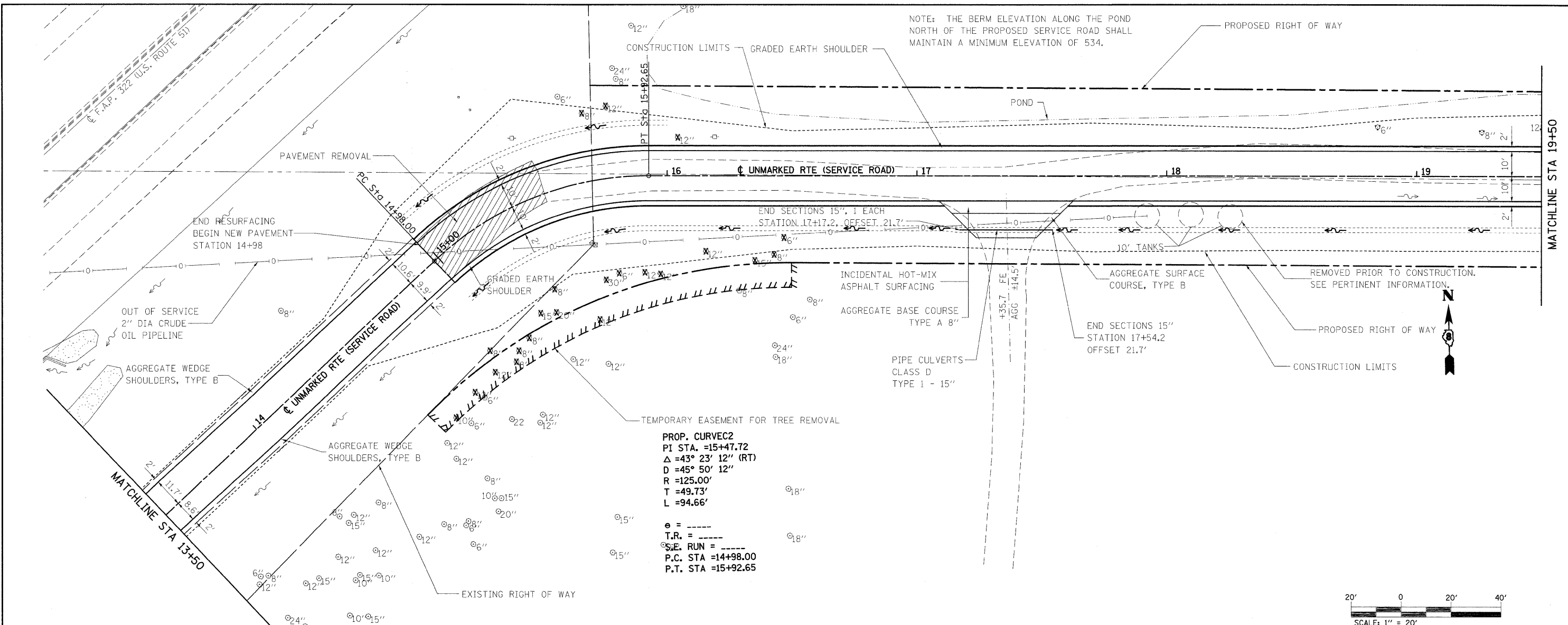
PROP. CURVEC1
 PI STA. =11+32.12
 Δ =88° 51' 13" (LT)
 D =88° 08' 50"
 R =65.00'
 T =63.71'
 L =100.80'
 E =26.02'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA =10+68.41
 P.T. STA =11+69.21



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS			OR&SBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
α\p\work\PIDOT\THARPRL\dms52424\087612-sht-plnprf9.dgn		DRAWN - R. THARP	REVISED -		SCALE:	SHEET NO. 1 OF 9 SHEETS	STA. 10+00 TO STA. 13+50	322&2	95-AC & 32B-I	WASHINGTON	63	14
PLOT SCALE = 20.0000' / IN.		CHECKED - A. MUEHLFELD	REVISED -		CONTRACT NO. 76132							
PLOT DATE = 12/18/2009		DATE - 5/5/2009	REVISED -		ILLINOIS FED. AID PROJECT							

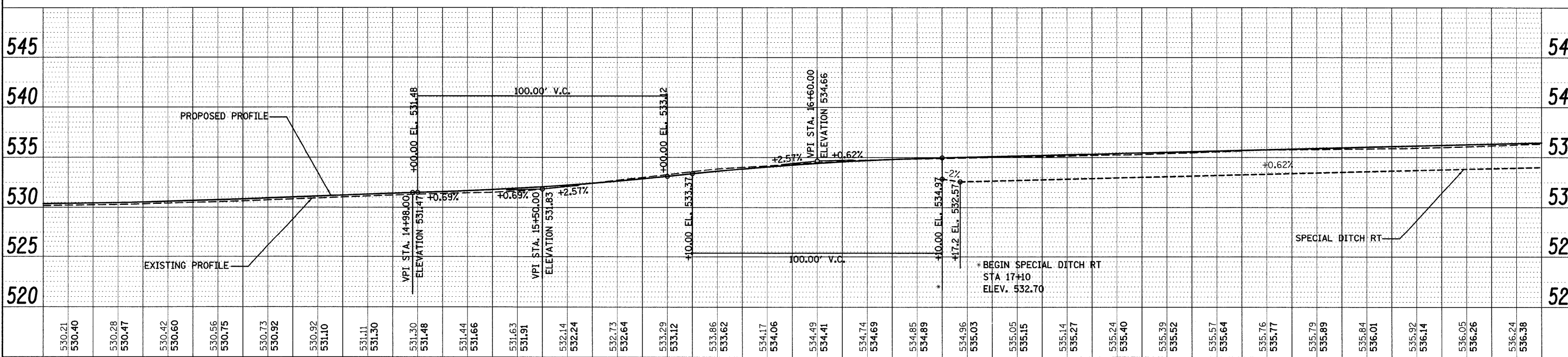
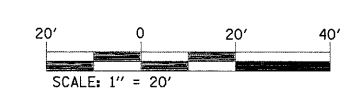
DATE	BY
REVISIONS	
NO.	DESCRIPTION
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DATE	BY
REVISIONS	
NO.	DESCRIPTION
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100	REVISED



PROP. CURVEC2
 PI STA. =15+47.72
 Δ =43° 23' 12" (RT)
 D =45° 50' 12"
 R =125.00'
 T =49.73'
 L =94.66'

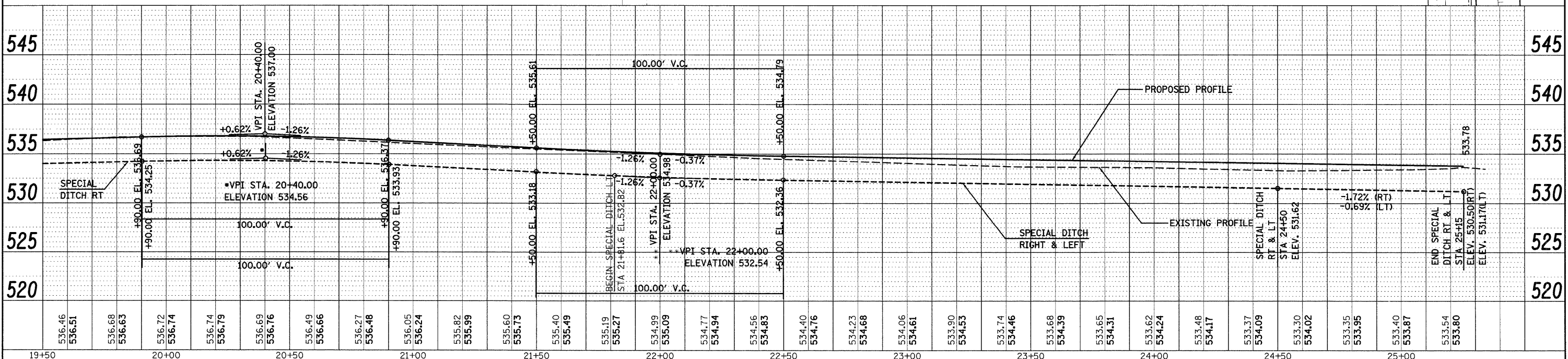
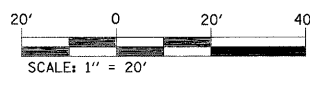
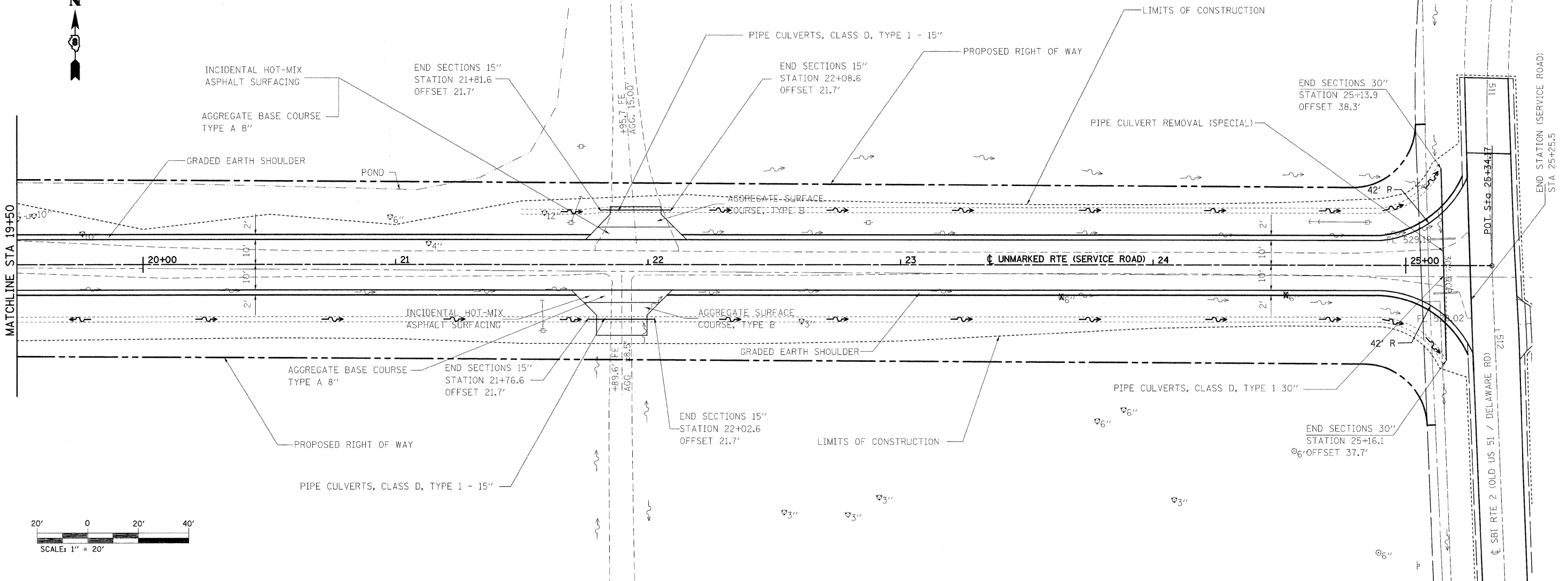
e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA =14+98.00
 P.T. STA =15+92.65



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -
as:\pw\work\p1007\THARPR\l\ms52424\087612-eht-plnprf9.dgn		DRAWN - R. THARP	REVISED -
		CHECKED - A. MUEHLFELD	REVISED -
		DATE - 5/5/2009	REVISED -

STATE OF ILLINOIS		PLAN AND PROFILE SHEETS	
DEPARTMENT OF TRANSPORTATION		SCALE:	SHEET NO. 2 OF 9 SHEETS
		STA. 13+50 TO STA. 19+50	
OR&SB1	SECTION	COUNTY	TOTAL SHEETS
322&2	95-AC & 32B-1	WASHINGTON	63
			SHEET NO. 15
CONTRACT NO. 76132			
ILLINOIS FED. AID PROJECT			

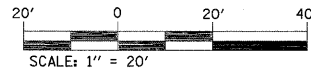
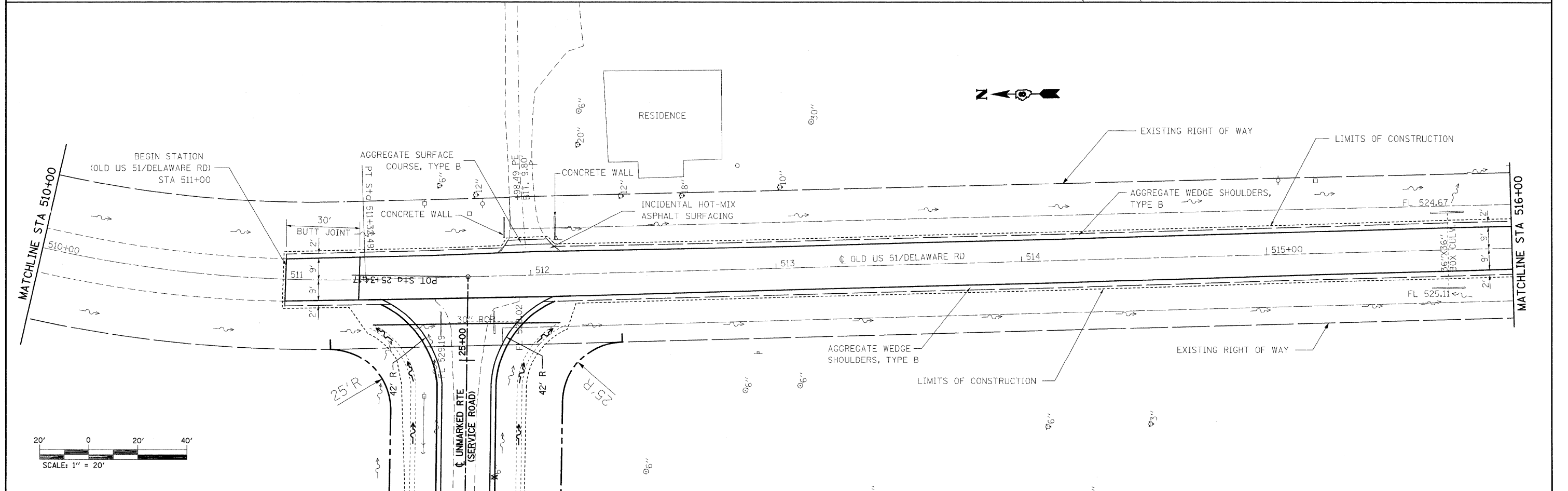
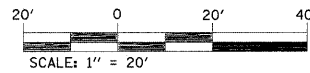
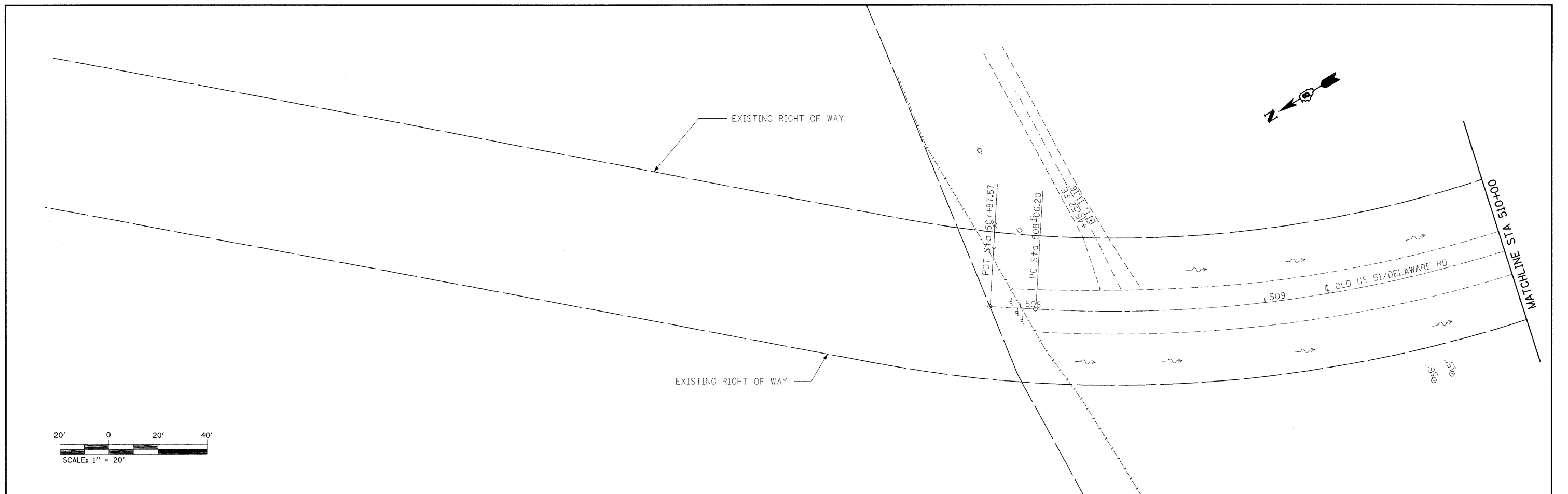
NOTE: THE BERM ELEVATION ALONG THE POND NORTH OF THE PROPOSED SERVICE ROAD SHALL MAINTAIN A MINIMUM ELEVATION OF 534.



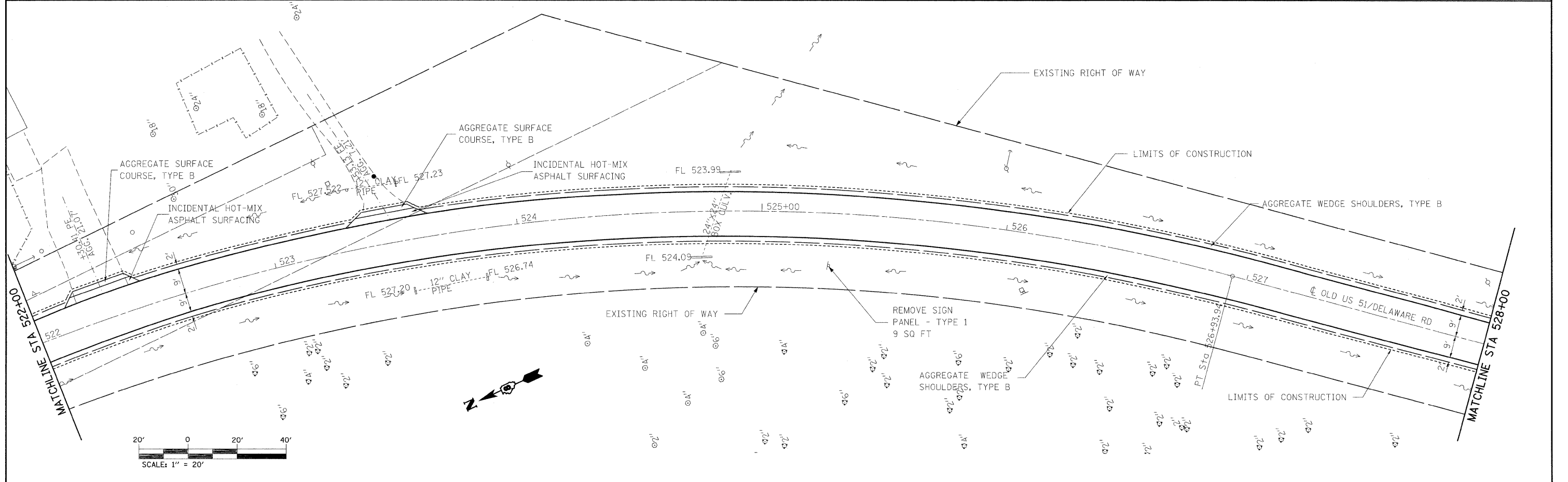
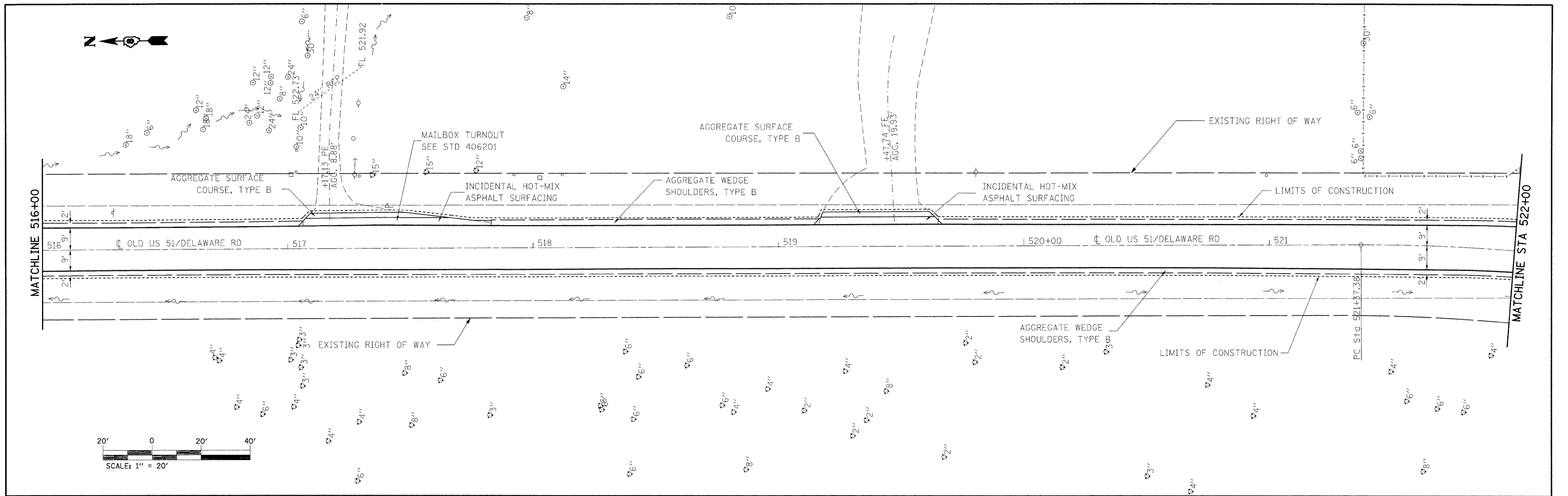
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PROFILE	REVISION	DATE
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NO.	STRUCTURE	
NO.	NOTATIONS	
NO.	CHKD	

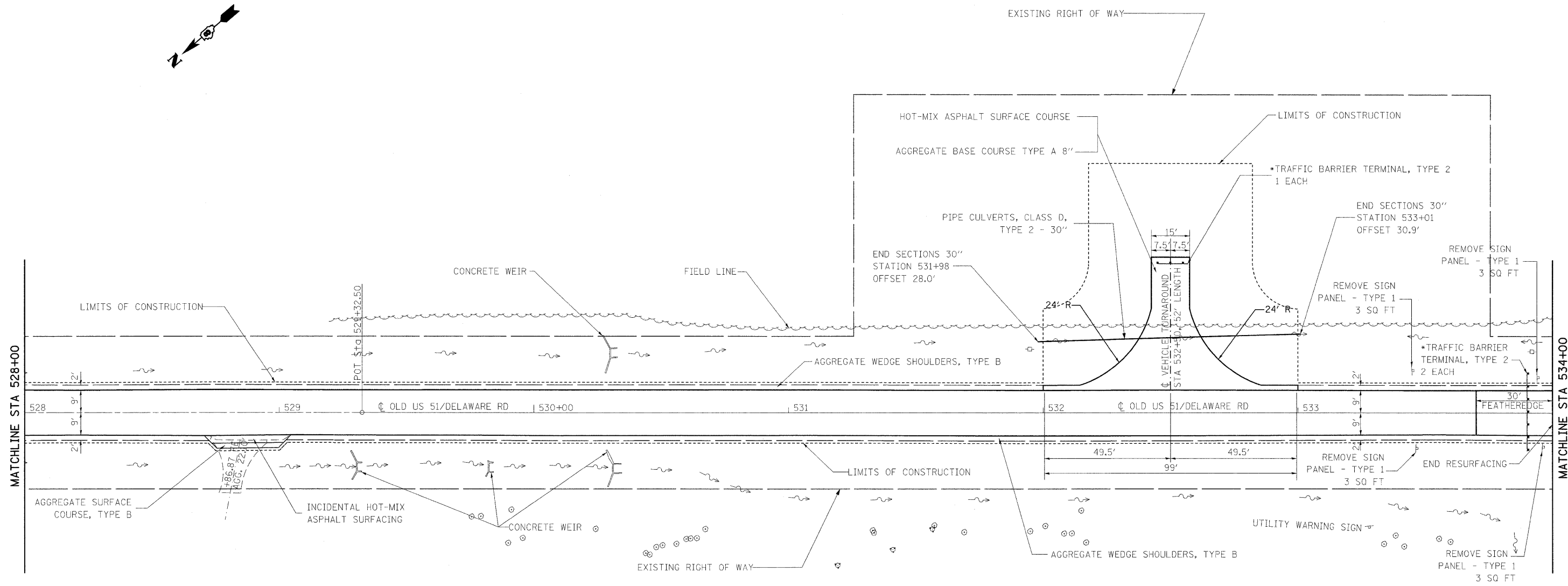
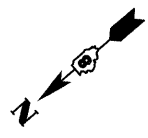
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c:\pw_work\PWIDOT\THARPR\ds52424\0676122-sht-plnprf9.dgn	22-sht-plnprf9.dgn	DRAWN -	REVISED -			322&2	95-AC & 328-1	WASHINGTON	63	16	
PLOT SCALE = 20.0000 / IN.		CHECKED -	REVISED -			CONTRACT NO. 76132					
PLOT DATE = 12/10/2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME = c:\pwork\p\WIDOT\THARPRL\dms52424\087	USER NAME = tharp1 132-sht-plan21.dgn	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			DR&SB1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-1	WASHINGTON	63	17			
PLOT SCALE = 20,0000 ' / IN.	CHECKED - A. MUEHLFELD	REVISED -			CONTRACT NO. 76132			ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/10/2009	DATE - 5/8/2009	REVISED -			SCALE: 1"=20'	SHEET NO. 4 OF 9 SHEETS	STA. 507+87.57 TO STA. 516+00					

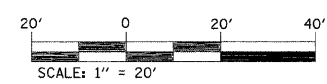


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ct:\pwork\p\WIDOT\THARP\l\dms52424\087	132-ah-t-plen21.dgn	DRAWN - R. THARP	REVISED -			322&2	95-AC & 32B-1	WASHINGTON	63	18	
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	PLOT DATE = 12/10/2009	DATE - 5/8/2009	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: 1"=20'	SHEET NO. 5 OF 9 SHEETS	STA. 516+00 TO STA. 528+00					

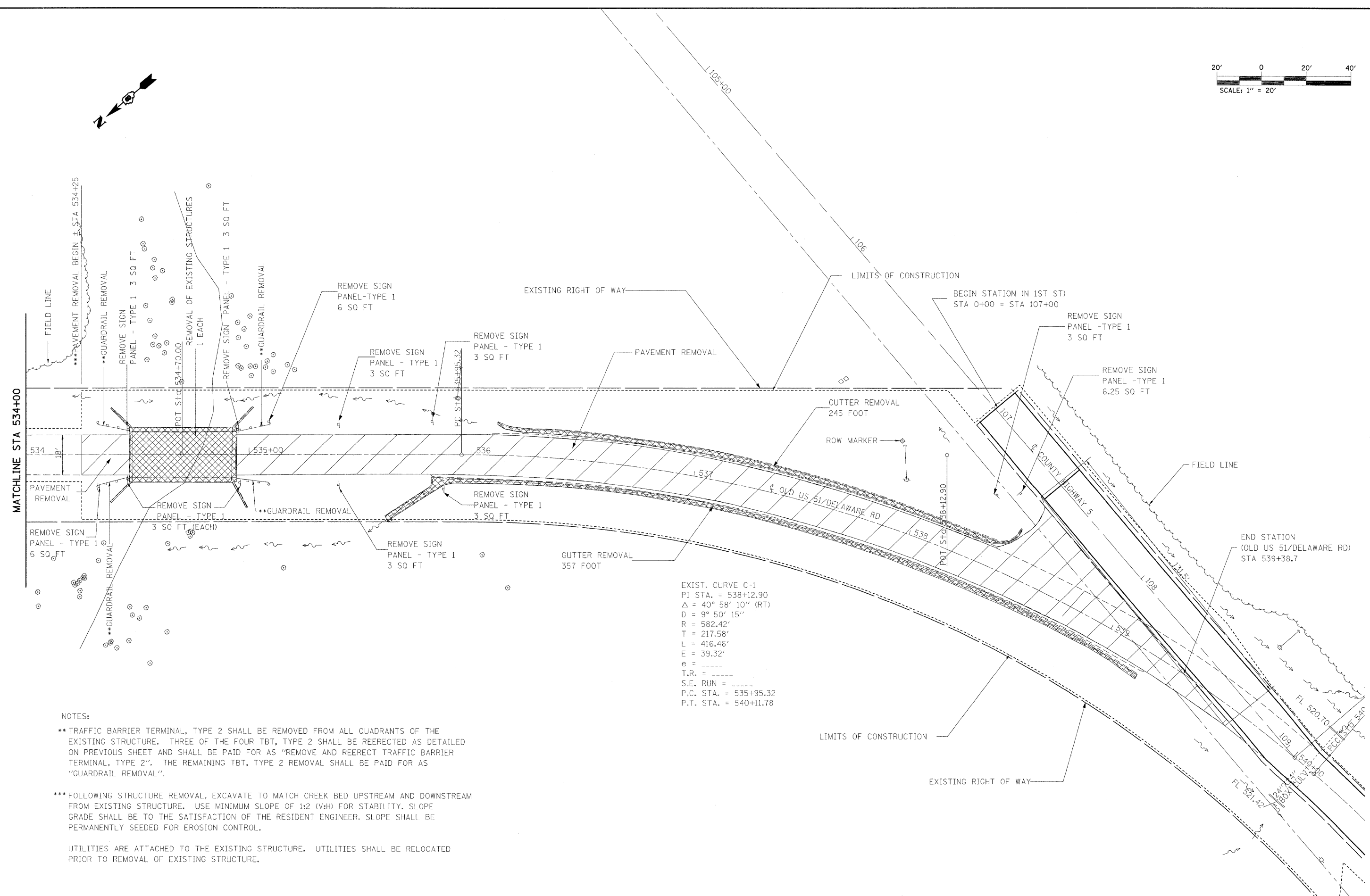
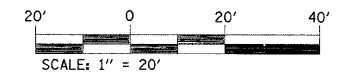


NOTE:

TRAFFIC BARRIER TERMINAL, TYPE 2 SHALL BE REMOVED FROM THE EXISTING STRUCTURE AND REERECTED AT LOCATIONS AS SPECIFIED ON THIS SHEET. APPLICABLE WORK SHALL BE PAID FOR AS "REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 2".



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			OR&SB RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pw\work\PWIDOT\THARPRL\dms52424\087	132-aht-plan1.dgn	DRAWN - R. THARP	REVISED -		SCALE: 1"=20'	SHEET NO. 6 OF 9 SHEETS	STA. 528+00 TO STA. 534+00	322&2	95-AC & 32B-1	WASHINGTON	63	19
	PLOT SCALE = 20.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -		CONTRACT NO. 76132							
	PLOT DATE = 12/10/2009	DATE - 5/7/2009	REVISED -		ILLINOIS FED. AID PROJECT							



NOTES:

** TRAFFIC BARRIER TERMINAL, TYPE 2 SHALL BE REMOVED FROM ALL QUADRANTS OF THE EXISTING STRUCTURE. THREE OF THE FOUR TBT, TYPE 2 SHALL BE REERECTED AS DETAILED ON PREVIOUS SHEET AND SHALL BE PAID FOR AS "REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 2". THE REMAINING TBT, TYPE 2 REMOVAL SHALL BE PAID FOR AS "GUARDRAIL REMOVAL".

*** FOLLOWING STRUCTURE REMOVAL, EXCAVATE TO MATCH CREEK BED UPSTREAM AND DOWNSTREAM FROM EXISTING STRUCTURE. USE MINIMUM SLOPE OF 1:2 (V:H) FOR STABILITY. SLOPE GRADE SHALL BE TO THE SATISFACTION OF THE RESIDENT ENGINEER. SLOPE SHALL BE PERMANENTLY SEEDED FOR EROSION CONTROL.

UTILITIES ARE ATTACHED TO THE EXISTING STRUCTURE. UTILITIES SHALL BE RELOCATED PRIOR TO REMOVAL OF EXISTING STRUCTURE.

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ca:\pwork\PWIDOT\THARPR\dm52424\0876132-shr-plan1.dgn		DRAWN - R. THARP	REVISED -
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	PLOT DATE = 12/10/2009	DATE - 5/7/2009	REVISED -

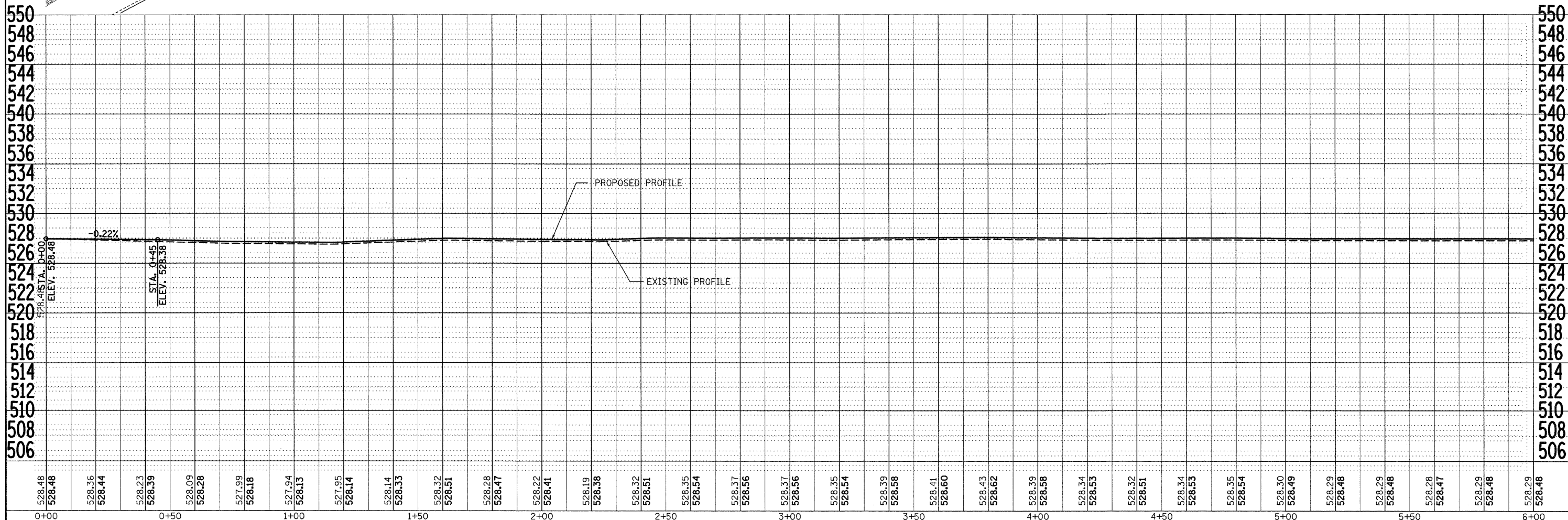
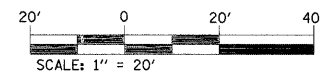
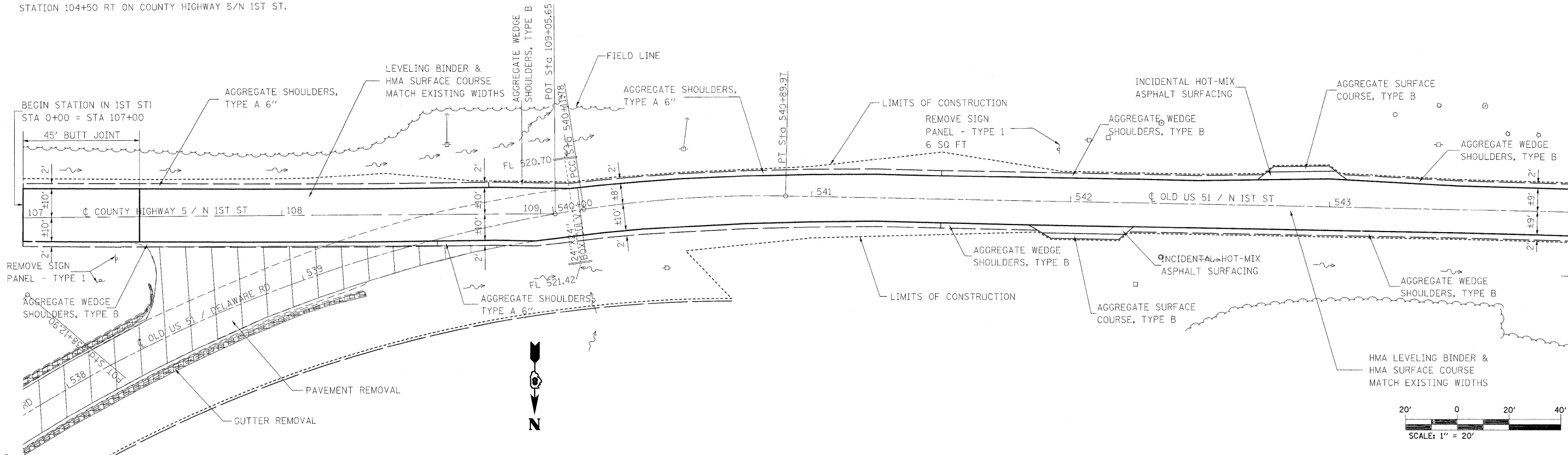
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=20' SHEET NO. 7 OF 9 SHEETS STA. 534+00 TO STA. 540+11.78

OR&SB1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	20
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

NOTE: REMOVE SIGN PANEL - TYPE 1 (6.25 SQ FT) AT APPROXIMATE STATION 104+50 RT ON COUNTY HIGHWAY 5/N 1ST ST.



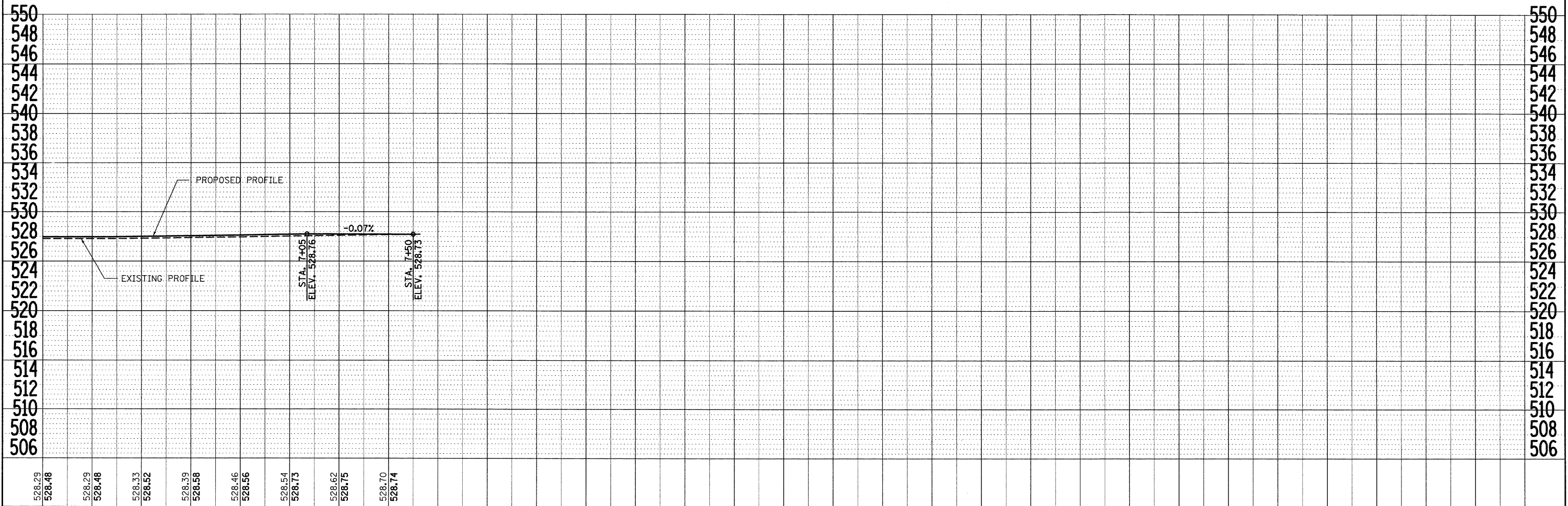
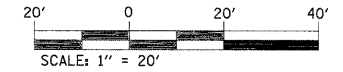
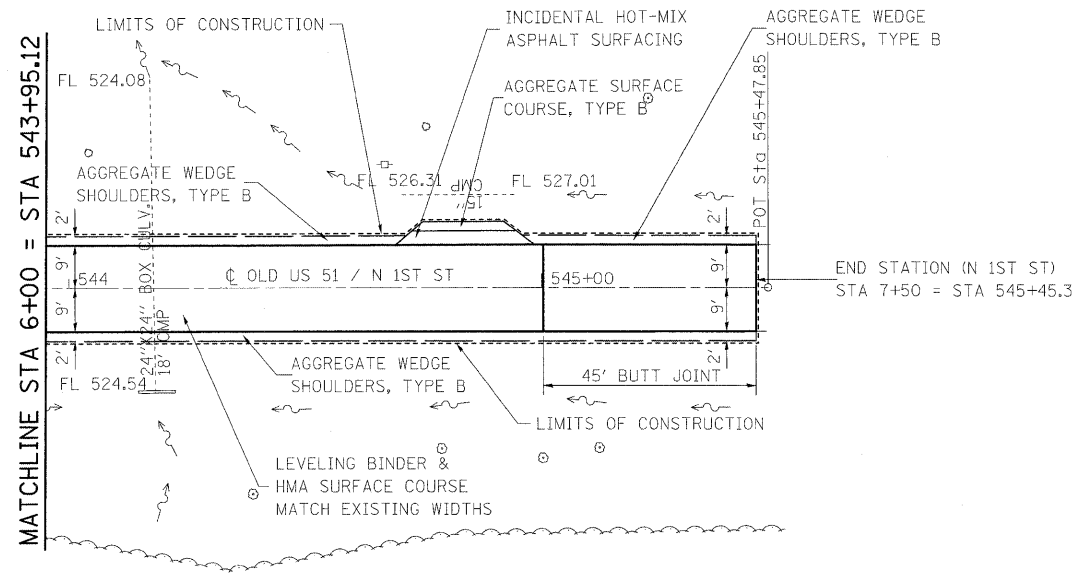
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FILE NAME =	USER NAME = tharp1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE SHEETS	DR&SB1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw_work\PW\DOT\THARP1\dms52424\087612-sht-plnprf-n1st1.dgn	2-sht-plnprf-n1st1.dgn	DRAWN -	REVISED -			322&2	95-AC & 32B-1	WASHINGTON	63	21	
PLOT SCALE = 20.0000 / IN.		CHECKED -	REVISED -			CONTRACT NO. 76132					
PLOT DATE = 12/10/2009		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE:		SHEET NO. 8 OF 9 SHEETS		STA. 0+00 TO STA. 6+00							



NOTE: CONFLICTING PAVEMENT MARKINGS ON N 1ST ST OUTSIDE THE LIMITS OF THE PLACEMENT OF HMA SURFACE COURSE SHALL BE REMOVED AND WILL BE PAID FOR PER SQ FT AS PAVEMENT MARKING REMOVAL.



PLAN	REVISION	DATE
NOTE BOOK	NO.	
NO.		

PROFILE	REVISION	DATE
NOTE BOOK	NO.	
NO.		

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PLOT DATE = 12/10/2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE SHEETS

SCALE: SHEET NO. 9 OF 9 SHEETS STA. 6+00 TO STA. 7+50

DR&SB1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	22
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				



SUGGESTED CHANGEABLE MESSAGE SIGN TEXT:

LOCATION	PHASE I	PHASE II	PHASE III
1	ROAD CLOSED	NO PARKING	BEGINS XX-XX
2	PERM BRIDGE CLOSURE	BEGINS XX-XX	CONSIDER ALT ROUTE
3	PERM BRIDGE CLOSURE	DELAWARE ROAD CLOSED	BEGINS XX-XX

SUGGESTED CONSTRUCTION SEQUENCE:

- 1 PLACE CHANGEABLE MESSAGE SIGN, LOC 1 ON THE EXISTING FRONTAGE ROAD TWO (2) WEEKS PRIOR TO CONSTRUCTION TO ALERT THE PUBLIC OF THE UPCOMING FRONTAGE ROAD CLOSURE.
- 2 CLOSE EXISTING FRONTAGE ROAD UTILIZING HIGHWAY STANDARD B.L.R. 17 AND CONSTRUCT PROPOSED SERVICE ROAD. COORDINATE WITH CHARLES T. EVAN OIL PROPERTIES. SEE COMMITMENTS ON SHEET 2.
- 3 PRIOR TO OPENING THE PROPOSED SERVICE ROAD TO TRAFFIC, PLACE PERMANENT SIGNS ON ROUTE AS SPECIFIED IN THE PAVEMENT MARKING/SIGNING SHEETS.
- 4 TWO (2) WEEKS PRIOR TO CLOSING OLD US 51/DELAWARE ROAD, PLACE CHANGEABLE MESSAGE SIGNS AT LOCATIONS 2 AND 3 ALERTING THE PUBLIC TO THE UPCOMING PERMANENT CLOSURE AND ROUTE CHANGE.
- 5 CLOSE OLD US 51/DELAWARE ROAD AT THE INTERSECTION WITH COUNTY HIGHWAY 5/ NORTH 1ST STREET AND NORTH OF EXISTING STRUCTURE 095-0034 UTILIZING HIGHWAY STANDARD B.L.R. 21. REMOVE ALL SIGNS ON OLD US 51/DELAWARE ROAD AS SPECIFIED IN THE PLANS.
- 6 REMOVE EXISTING STRUCTURE 095-0034, PAVEMENT AND GUTTER REMOVAL ON OLD US 51/DELAWARE RD AS SPECIFIED.
- 7 GRADE CHANNEL AS SPECIFIED ON PLAN SHEETS.
- 8 GRADE EARTH SOUTH OF THE STRUCTURE REMOVAL TO COUNTY HIGHWAY 5/NORTH 1ST ST. EARTH SHALL BE LEVELED TO PLANT TREES AND GRASS AND SHOULD BE GRADED TO DRAIN TOWARD THE TRIBUTARY OF RAYSE CREEK. GRADING SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND SHALL BE LIMITED TO THE BOUNDARIES OF THE EXISTING RIGHT OF WAY.
- 9 RESURFACE OLD US 51/DELAWARE ROAD BETWEEN STATIONS 511+00 AND 534+00 UTILIZING HIGHWAY STANDARD B.L.R. 18-5 AND COORDINATION WITH THE DELAWARE ROAD RESIDENCES.
- 10 PLACE TWO (2) STEEL PLATE BEAM GUARDRAIL, TYPE 2 AT STATION 533+90 TO PROVIDE A BARRIER TO THE TRIBUTARY TO RAYSE CREEK. SPBGR, TYPE 2 TO BE REUSED FROM THE EXISTING STRUCTURE 095-0034 GUARDRAIL REMOVAL.
- 11 PLACE PERMANENT SIGNS ON OLD US 51/DELAWARE ROAD AS SPECIFIED IN THE PAVEMENT MARKING/SIGNING SHEETS.
- 12 REMOVE CONFLICTING PAVEMENT MARKINGS, MILL PORTIONS OF EXISTING PAVEMENT AS REQUIRED, ADD LEVELING BINDER AND SURFACE COURSE AS SPECIFIED TO TRANSITION THE PAVEMENT FROM ON OLD US 51/N 1ST ST TO COUNTY HWY 5/N 1ST ST UTILIZING STAGE CONSTRUCTION. SEE HIGHWAY STANDARD 701201.



CHANGEABLE MESSAGE SIGN, LOC 1

CHANGEABLE MESSAGE SIGN, LOC 2

CHANGEABLE MESSAGE SIGN, LOC 3

NOTES:
PLANS ARE NOT TO SCALE.

CHANGEABLE MESSAGE SIGNS TO BE PLACED AS SHOWN ON THE PLANS OR AT THE DIRECTION OF THE RESIDENT ENGINEER.

FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL /CONSTRUCTION PLAN	DR&SB1	SECTION	COUNTY	TOTAL	SHEET	
01\px\work\PWIDOT\THARPRL\dms52424\087	132-shr-staging.dgn	DRAWN - R. THARP	REVISED -			322&2	95-AC & 32B-1	WASHINGTON	63	23	
	PLOT SCALE = 20.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -			CONTRACT NO. 76132					
	PLOT DATE = 12/10/2009	DATE - 12/3/2009	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: SHEET NO. OF SHEETS STA. TO STA.							

3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

c. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.

b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

THE PHASE I LOCATION DRAINAGE STUDY HAS DETERMINED THAT NO STORM WATER DETENTION IS REQUIRED FOR THE PROPOSED STORM SEWER OUTLETS TO BE CONSTRUCTED FOR THIS PROJECT.

4. OTHER CONTROLS:

a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (SHE WILL USE TO CONSTRUCT AND MAINTAIN THEM).

b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:

- ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
- WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
- A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
- LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
- SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.

c. STOCKPILE MANAGEMENT - BMPs SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPs MAY BE CONSIDERED:

- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING
- TEMPORARY MULCH
- PLASTIC COVERS
- SOIL BINDERS
- STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (SHE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED).

d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.

1. SEEDING - ALL ERODIBLE BARE EARTH WILL BE TEMPORARILY SEEDED ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE WITHIN THE CONTRACT LIMITS.

2. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCING KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.

3. EROSION CONTROL BLANKET/MULCHING - ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.

4. DITCH CHECKS - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE DITCH CHECK IS IN JEOPARDY. ANY DITCH CHECKS WHICH FAIL WILL BE REPAIRED OR REPLACED IMMEDIATELY.

THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THESE PRACTICES. ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWFALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM, EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT. THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

A. SPILL PREVENTION AND CONTROL - BMPs SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.

B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:

1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.

C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.

D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.

E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPs CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPs WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (SHE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPs (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPs:






1. CONTAINMENT
2. SPILL PREVENTION AND CONTROL
3. USE OF DRIP PANS AND ABSORBENTS
4. AUTOMATIC SHUT-OFF NOZZLES
5. TOPPING OFF RESTRICTIONS
6. LEAK INSPECTION AND REPAIR

F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

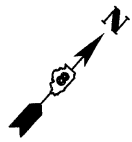
VI. FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

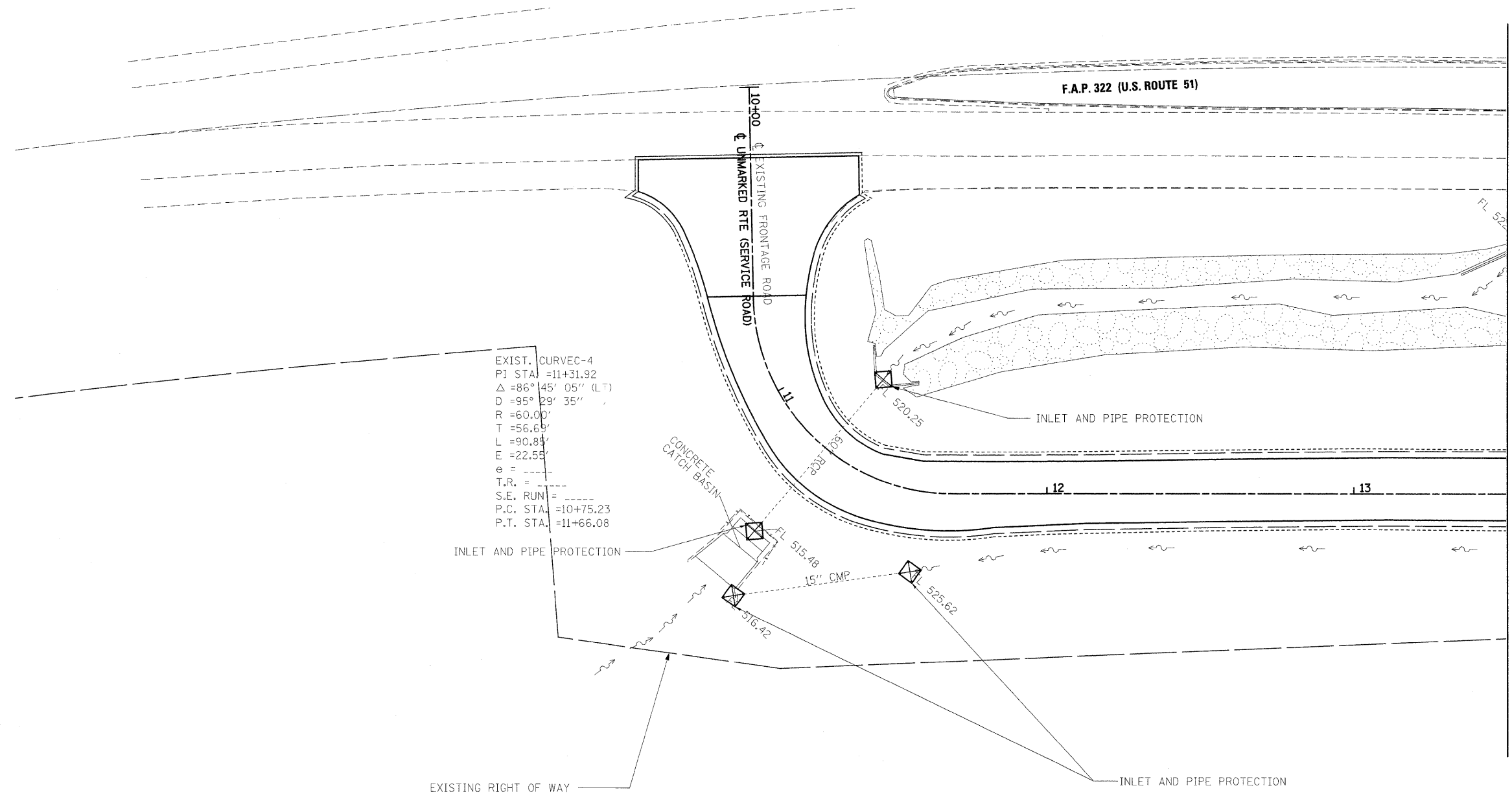
-  TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STORMWATER POLLUTION PREVENTION PLAN	DR&SBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pw_work\p\widot\tharp1\dms52424\0876	32-shr-dr-ain\ndgn	DRAWN - R. THARP	REVISED -			32&2	95-AC & 32B-I	WASHINGTON	63	25	
	PLOT SCALE = 50.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -			CONTRACT NO. 76132					
	PLOT DATE = 12/8/2009	DATE - 12/7/2009	REVISED -			SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

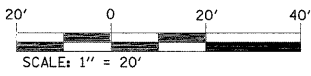


PLAN	SURVEYED	DATE
	BY	
	NOTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	BY	
	NOTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS CHKD	
	NO.	



EXIST. CURVEC-4
 PI STA. =11+31.92
 $\Delta = 86^\circ 45' 05''$ (LT)
 $D = 95^\circ 29' 35''$
 $R = 60.00'$
 $T = 56.69'$
 $L = 90.85'$
 $E = 22.55'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 10+75.23$
 $P.T. STA. = 11+66.08$



FILE NAME =
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USER NAME = tharpri
 2-shit-eros1.dgn
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 PLOT DATE = 1/7/2010

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/7/2009

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

Rev.

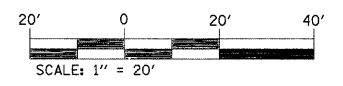
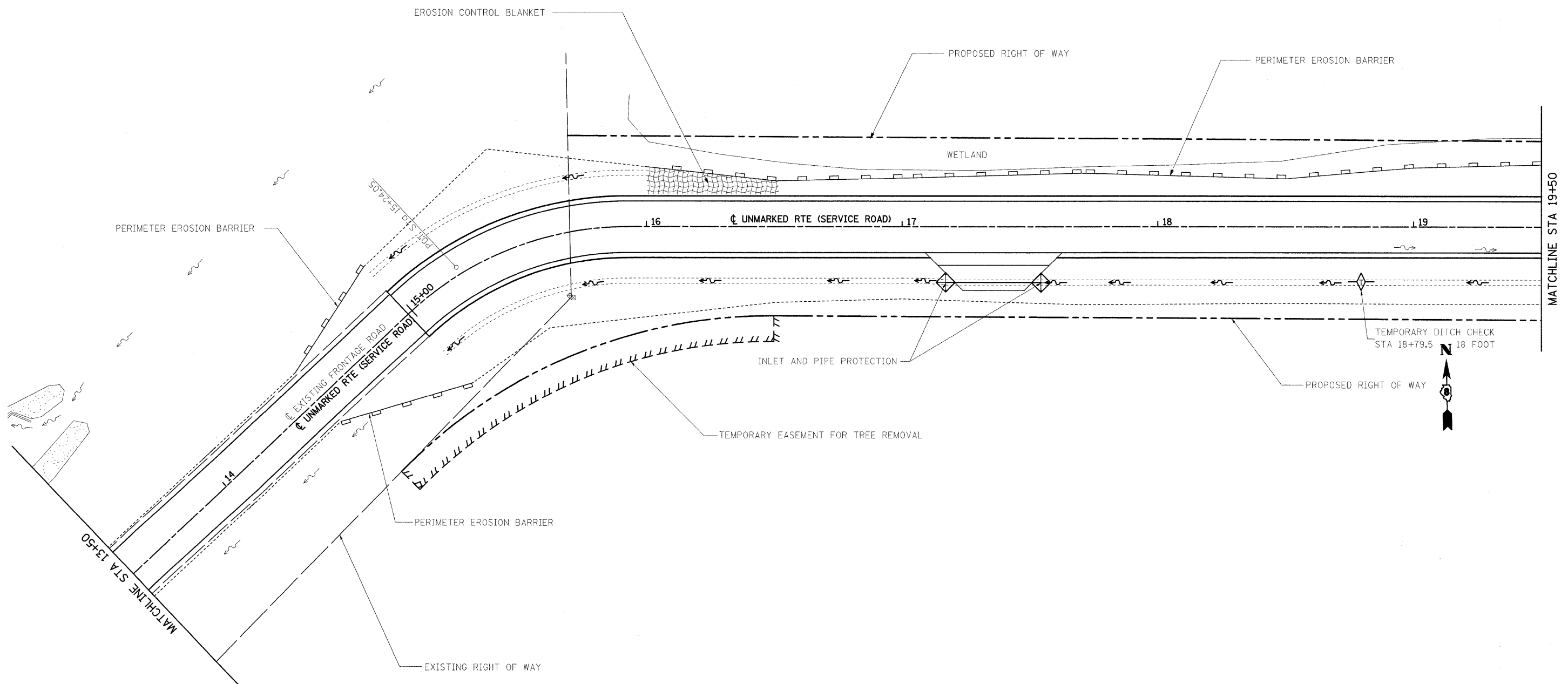
EROSION CONTROL PLAN

SCALE: SHEET NO. 1 OF 3 SHEETS STA. 10+00 TO STA. 13+50

DR&SBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-I	WASHINGTON	63	26
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

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SUBMITTED	BY
NOTED	DATE
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	



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		CHECKED - A. MUEHLFELD	REVISED -
		DATE - 12/7/2009	REVISED -

DESIGNED - R. THARP	REVISED -
DRAWN - R. THARP	REVISED -
CHECKED - A. MUEHLFELD	REVISED -
DATE - 12/7/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

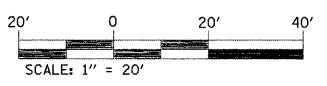
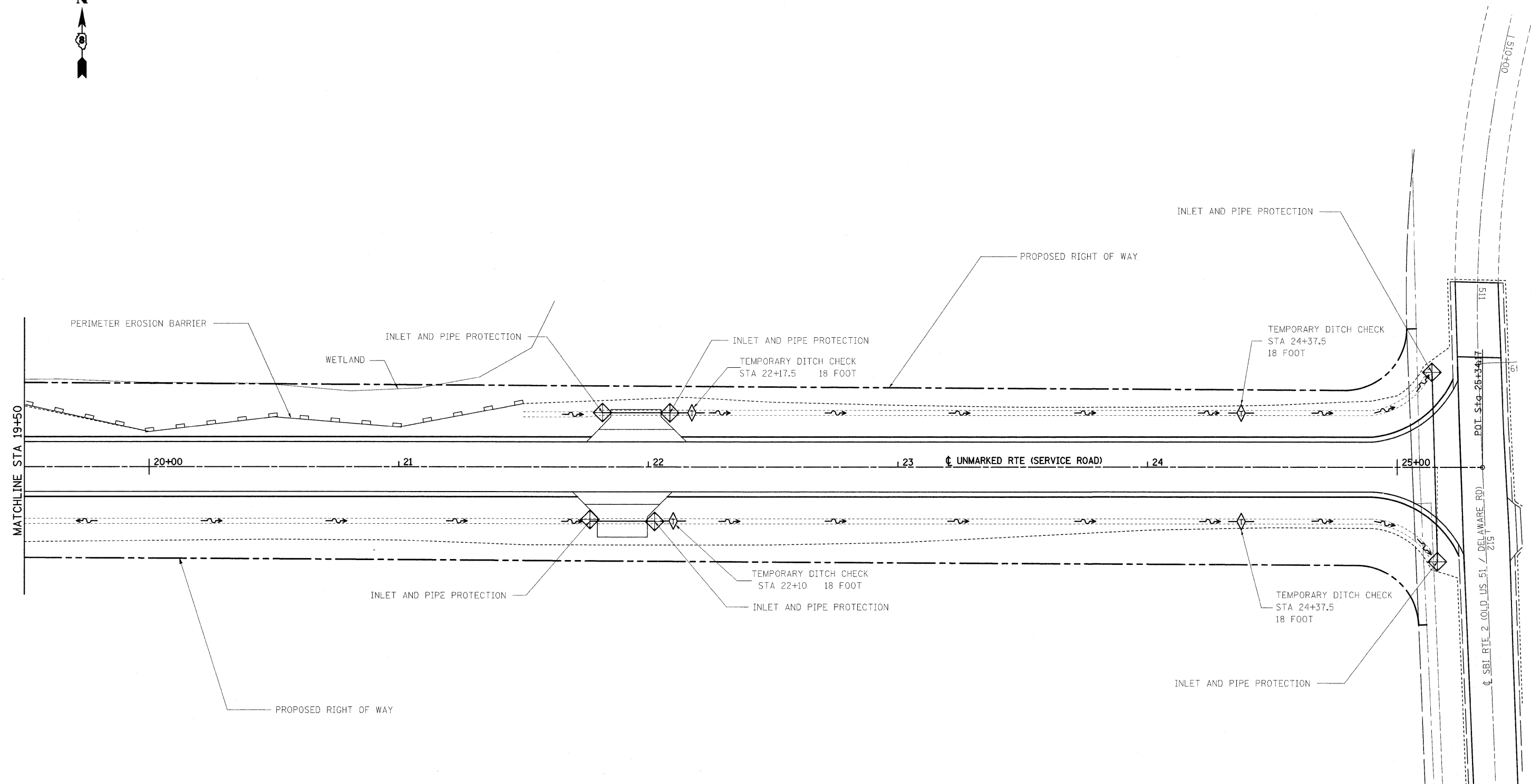
SCALE: SHEET NO. 2 OF 3 SHEETS STA. 13+50 TO STA. 19+50

DR&SBT RTE. 322&2	SECTION 95-AC & 32B-I	COUNTY WASHINGTON	TOTAL SHEETS 63	SHEET NO. 27
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

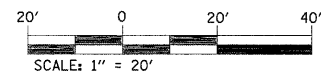
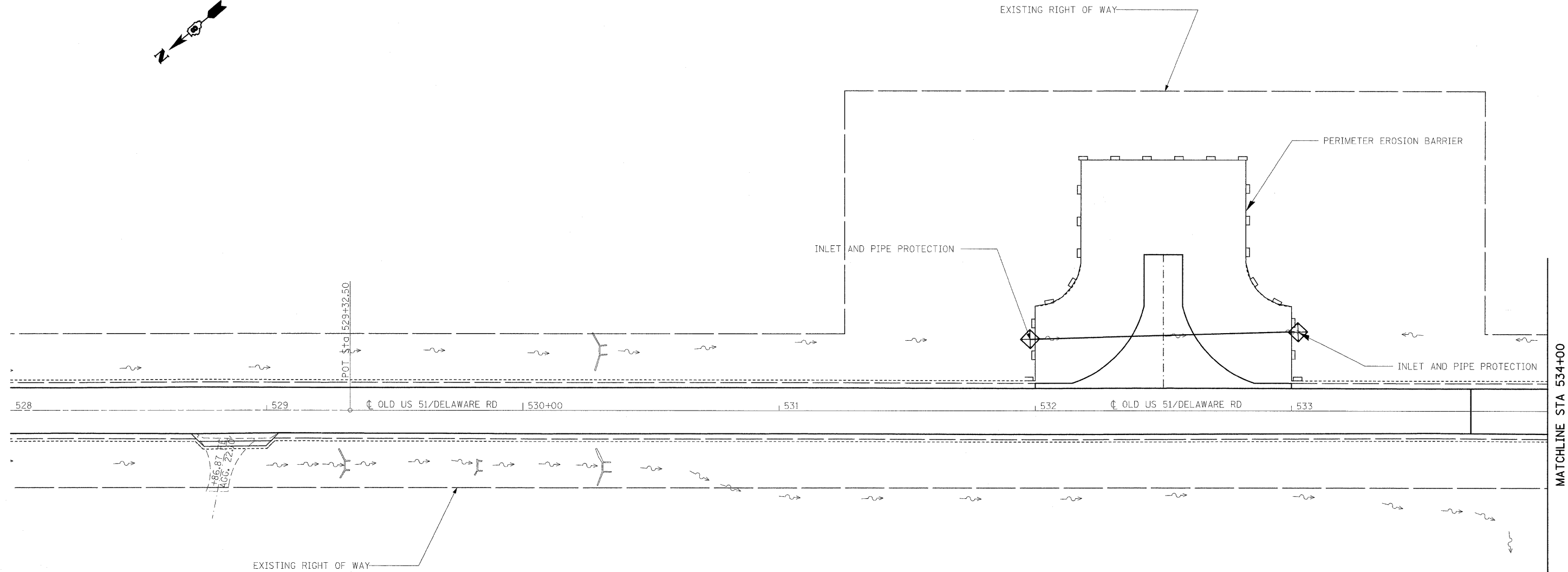


PLAN	DATE
NO.	
NOTE BOOK	
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APPROVED	
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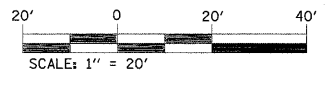
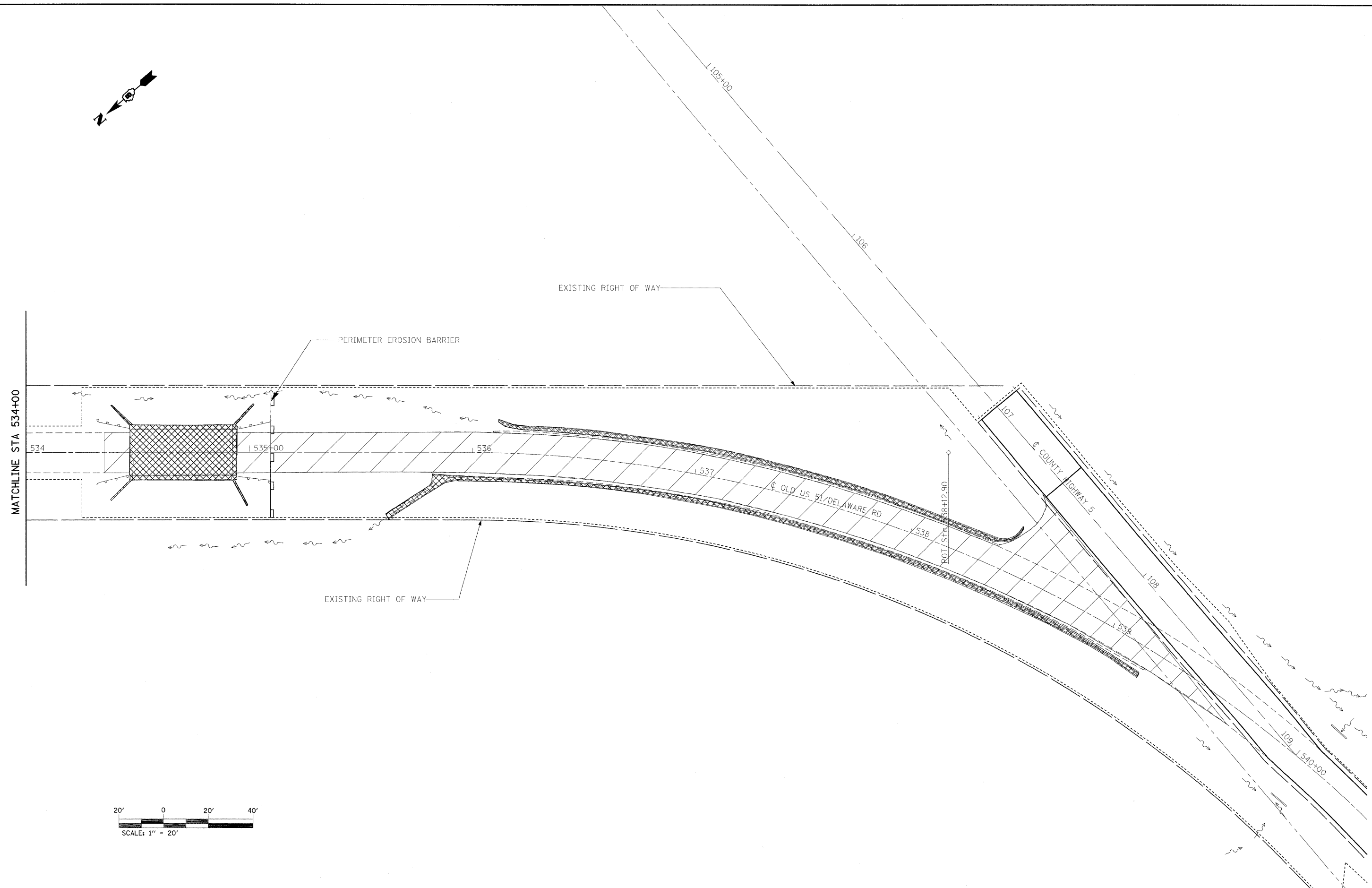
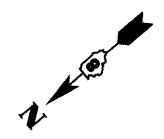
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STRUCTURE NOTATIONS CHKD	



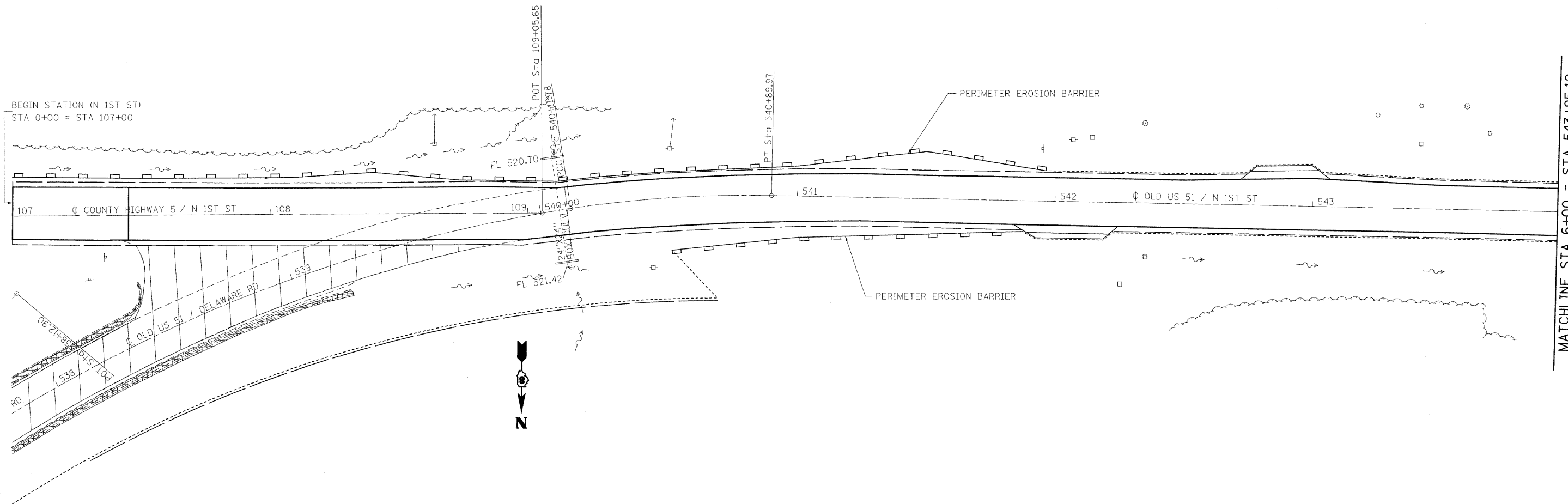
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PLOT DATE = 1/7/2010	DATE = 12/7/2009	CHECKED - A. MUEHLFELD	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE = 12/7/2009	REVISED -									



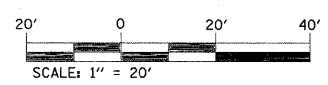
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c:\pwork\pwork\pwork\THARPRL\dms52424\087132-shr-eros3.dgn		DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-I	WASHINGTON	63	29			
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	PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS	STA. 528+00 TO STA. 534+00						



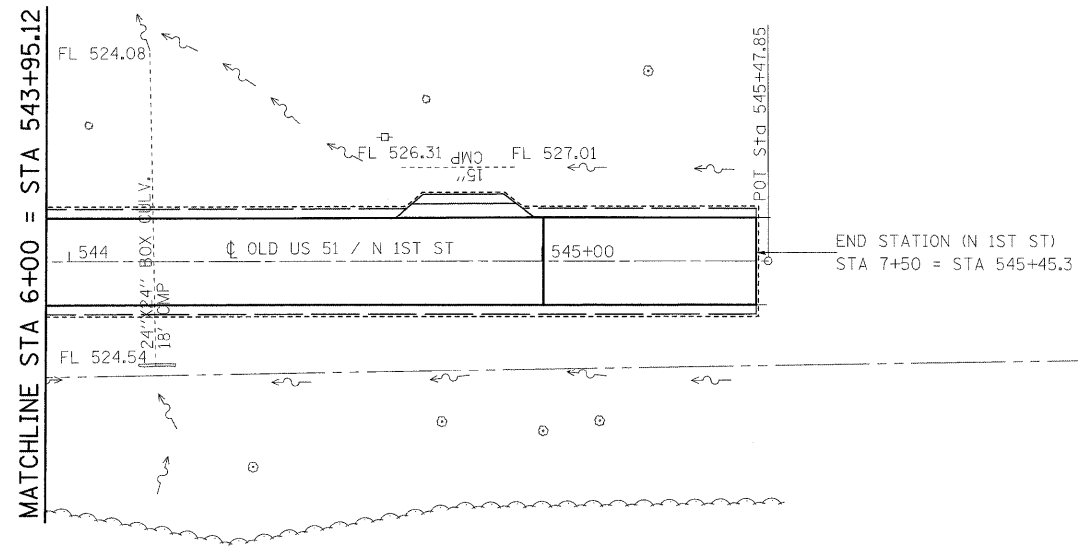
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PLOT SCALE = 20.0000' / IN.	CHECKED - A. MUEHLFELD	DRAWN - R. THARP	REVISED -		SCALE: 1"=20'	SHEET NO. 2 OF 2 SHEETS	STA. 534+00 TO STA. 540+11.78	CONTRACT NO. 76132				
PLOT DATE = 12/10/2009	DATE - 5/7/2009	CHECKED - A. MUEHLFELD	REVISED -		ILLINOIS FED. AID PROJECT							
		DESIGNED - R. THARP	REVISED -									



MATCHLINE STA 6+00 = STA 543+95.12



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN			DR&S/	SECTION	COUNTY	TOTAL	SHEET
ct:\pw\work\PWIDOT\THARPRL\dms52424\087	132-sht-eros4-n1st.dgn	DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-1	WASHINGTON	63	31			
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	PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1"=20'	SHEET NO. 1 OF 2 SHEETS	STA. 0+00 TO STA. 6+00						



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	PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 6+00 TO STA. 7+50

OR&SB1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-I	WASHINGTON	63	32
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

LEGEND FOR EXISTING TOPOGRAPHIC SYMBOLS

TRAFFIC SIGNAL HANDHOLE	⊠	DRAINAGE FLOW LINE	
TRAFFIC SIGNAL GULFBOX	⊡	RIP RAP	
TRAFFIC SIGNAL HANDHOLE	⊠	HEADWALL	
TRAFFIC SIGNAL SIGNAL POST	⊙	CULVERT END SECTION	
TRAFFIC SIGNAL STEEL MAST ARM	⊠	DRAINAGE MANHOLE	
TRAFFIC SIGNAL COMBINED MAST ARM	⊠	INLET	
TRAFFIC SIGNAL PEDESTRIAN PUSH BUTTON	⊙	ROADWAY DITCH FLOW	
TRAFFIC SIGNAL WOODEN POLE	⊙	VEGETATION LINE	
TRAFFIC SIGNAL VEHICLE DETECTION PRIORITY	⊙	STUMP	
TRAFFIC SIGNAL VEHICLE DETECTION MAGNET	⊙	SHRUB	
TRAFFIC SIGNAL JUNCTION BOX	⊙	EVERGREEN TREE	
TRAFFIC SIGNAL CONTROLLER	⊙	DECIDUOUS TREE	
TRAFFIC SIGNAL HEAVY DUTY HANDHOLE	⊠	WOODS/BUSH PATTERN	
RAILROAD CANTILEVER MAST ARM		TRAFFIC SIGN	
RAILROAD CROSSBUCK		GAURDRAIL POST	
RAILROAD TRACK PATTERN		GAURDRAIL PATTERN	
RAILROAD ABANDON PATTERN		FIELD LINE	
RAILROAD CROSSGATE		LEVEE/NOISE BARRIER	
RAILROAD CONTROL BOX		FENCE PATTERN	
RAILROAD FLASHING SIGNAL		MAIL BOX	
TELEPHONE SPLICE BOX ABOVE GROUND		ADVERTISING SIGN	
UTILITY POWER POLE		MARSH	
TELEPHONE POLE		LIGHTING HANDHOLE	
UTILITY TRAFFIC SIGNAL		LIGHTING POWER POLE	
UTILITY LIGHT POLE		LIGHTING JUNCTION BOX	
FIRE HYDRANT		LIGHTING HEAVYDUTY HANDHOLE	
UTILITY MANHOLE		LIGHTING CONTROLLER	
UTILITY TELEPHONE POLE		LIGHTING PULL POINT	
UTILITY GUY POLE		HIGHWAY LIGHTING ELECTRICAL GROUND	
PIPELINE WARNING SIGN		HIGHWAY LIGHTING SINGLE UNIT	
UTILITY HANDHOLE		HIGHWAY LIGHTING DOUBLE UNIT	
UTILITY SPLICE ABOVE GROUND		EXISTING CONCRETE BARRIER	
UTILITY JUNCTION BOX		EXISTING CREEK OR DITCH	
UTILITY HEAVY DUTY HANDHOLE		EXISTING EDGE OF PAVEMENT	
UTILITY DOUBLE HANDHOLE			
UTILITY CONTROLLER			
UTILITY WATER METER			

EXISTING R.O.W. RECORDED INFORMATION		
PARCEL	BOOK/PAGE	DATE RECORDED
8902021	410/287 (US 51)	9-21-1992
	COURT RECORD BK 36/PG 524	9-21-1992
	70-CIV-24 (1-64)	
8902022	410/147 (US 51)	8-25-1992
	240/178 (US 51)	10-13-1961
	ROAD BK 1/39 (OLD 51)	2-1-1921

LEGEND

	SECTION CORNERS		QUARTER SECTION CORNERS
---	EXISTING CENTERLINE	---	EXISTING RIGHT OF WAY LINE
---	FORMER RIGHT OF WAY LINE	---	EXISTING IDOT EASEMENT LINE
---	EXISTING EASEMENT LINE	---	EXISTING ACCESS CONTROL LINE
AC	EXISTING RIGHT OF WAY & PROPOSED ACCESS CONTROL LINE	---	PROPOSED ACCESS CONTROL LINE
---	PROPOSED CENTERLINE	---	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
---	APL APPARENT PROPERTY LINE	---	MEASURED DIMENSION
121.45'	RECORDED DIMENSION	---	FOUND STONE (UNLESS OTHERWISE NOTED)
(121.45')	FOUND IRON PIPE OR IRON ROD AT CORNER UNLESS OTHERWISE NOTED	---	SET 5/8 INCH IRON ROD WITH PLASTIC CAP IDENTIFIED BY SURVEYORS LICENSE NUMBER AT CORNER UNLESS OTHERWISE NOTED
⊙	BRASS PLUG FOUND (SET BY OTHERS)	---	IDOT SURVEY CONTROL UNLESS OTHERWISE NOTED
+	FOUND CUT CROSS	---	SET CUT CROSS
+	SAME OWNERSHIP	---	EXISTING BUILDING

■ STAKING OF PROPOSED RIGHT OF WAY CORNERS. SET 5/8 INCH METAL ROD WITH DIVISION OF HIGHWAY SURVEY ALUMINUM CAP TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS LICENSE NUMBER. (PROPOSED RIGHT OF WAY CORNERS SET IN CULTIVATED AREAS SHALL BE A MINIMUM OF 20 INCHES BELOW THE GROUND SURFACE).

LEGEND FOR ABBREVIATIONS

A/C	ACCESS CONTROL
AC	ACRE
AVE	AVENUE
BK	BOOK
BLVD	BOULEVARD
CL	CENTERLINE
CH	COUNTY HIGHWAY
Ch	CHAIN
DB	DEED BOOK
E	EAST
EX	EXISTING
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAUS	FEDERAL AID URBAN SECONDARY
FND	FOUND
ha	HECTARE
IP	IRON PIPE
IR	IRON ROD
LT	LEFT
m	METER
m ²	SQUARE METERS
N	NORTH
N & BC	NAIL AND BOTTLE CAP
N & C	NAIL AND CAP
N & W	NAIL AND WASHER
NE	NORTHEAST
NW	NORTHWEST
PB	PLAT BOOK
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
POT	POINT OF TANGENT
PL	PROPERTY LINE
PR	PROPOSED
RD	ROAD
ROW	RIGHT OF WAY
RR	RAILROAD
RRS	RAILROAD SPIKE
RT	RIGHT
RTE	ROUTE
S	SOUTH
SBI	STATE BOND ISSUE
SE	SOUTHEAST
SO FT	SQUARE FEET
SR	STATE ROUTE
ST	STREET
STA	STATION
SMK	SURVEY MARKER
SW	SOUTHWEST
TWP	TOWNSHIP
TR	TOWNSHIP ROAD
USGS	U.S. GEOLOGICAL SURVEY
W	WEST

PROPOSED PARCEL NUMBER LEGEND

8001001	PROPOSED FEE SIMPLE ACQUISITION
8001001PE	PROPOSED PERMANENT EASEMENT
8001001TE	PROPOSED TEMPORARY EASEMENT
8001001DED	PROPOSED DEDICATION
8001001AC	PROPOSED ACCESS CONTROL LINE

CURVE ABBREVIATIONS

PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVE
PCC	POINT OF COMPOUND CURVE
CB	CHORD BEARING
R	RADIUS OF CURVE
L	CURVE LENGTH
CB	CHORD BEARING
C	CHORD LENGTH
D	DEGREE OF CURVE
e	EXTERNAL
Δ	CENTRAL ANGLE

PREPARED BY:

ASSOCIATED PROFESSIONALS, INC.

17825 Mockingbird Road, P.O. Box 311
Nashville, Illinois 62263
Ph. 618-478-9000 Fax 618-478-9001
e-mail: api@apisurvey.com
IDPR Design Firm License No. 184-001303



GARY S. MUELLER, IPLS # 3332
EXPIRATION DATE: 11-30-2010

TOTAL HOLDING AREA SOURCE TABLE

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

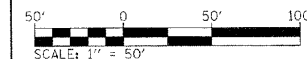
TOPOGRAPHIC STATEMENT

THE TOPOGRAPHY SHOWN HEREON WAS PROVIDED TO THE SURVEYOR BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE SURVEYOR VISUALLY FIELD VERIFIED THE EXISTENCE OF THE TOPOGRAPHY SHOWN HEREON. NO ADDITION ITEMS WERE PHYSICALLY LOCATED IN THE FIELD BY THE SURVEYOR.

BASIS OF COORDINATE & BEARING STATEMENT

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAT OF HIGHWAYS
SBI ROUTE 2
(OLD US 51-DELAWARE ROAD)
SECTION 32B-1
WASHINGTON COUNTY
JOB NO. R-98-002-09



SHEET 2 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
1102 EASTPORT PLAZA DRIVE
COLLINSVILLE, ILLINOIS 62234-6198

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2	32B-1	WASHINGTON	63	33

CONTRACT NO. 76132
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

SPACE RESERVED FOR RECORDING OFFICER

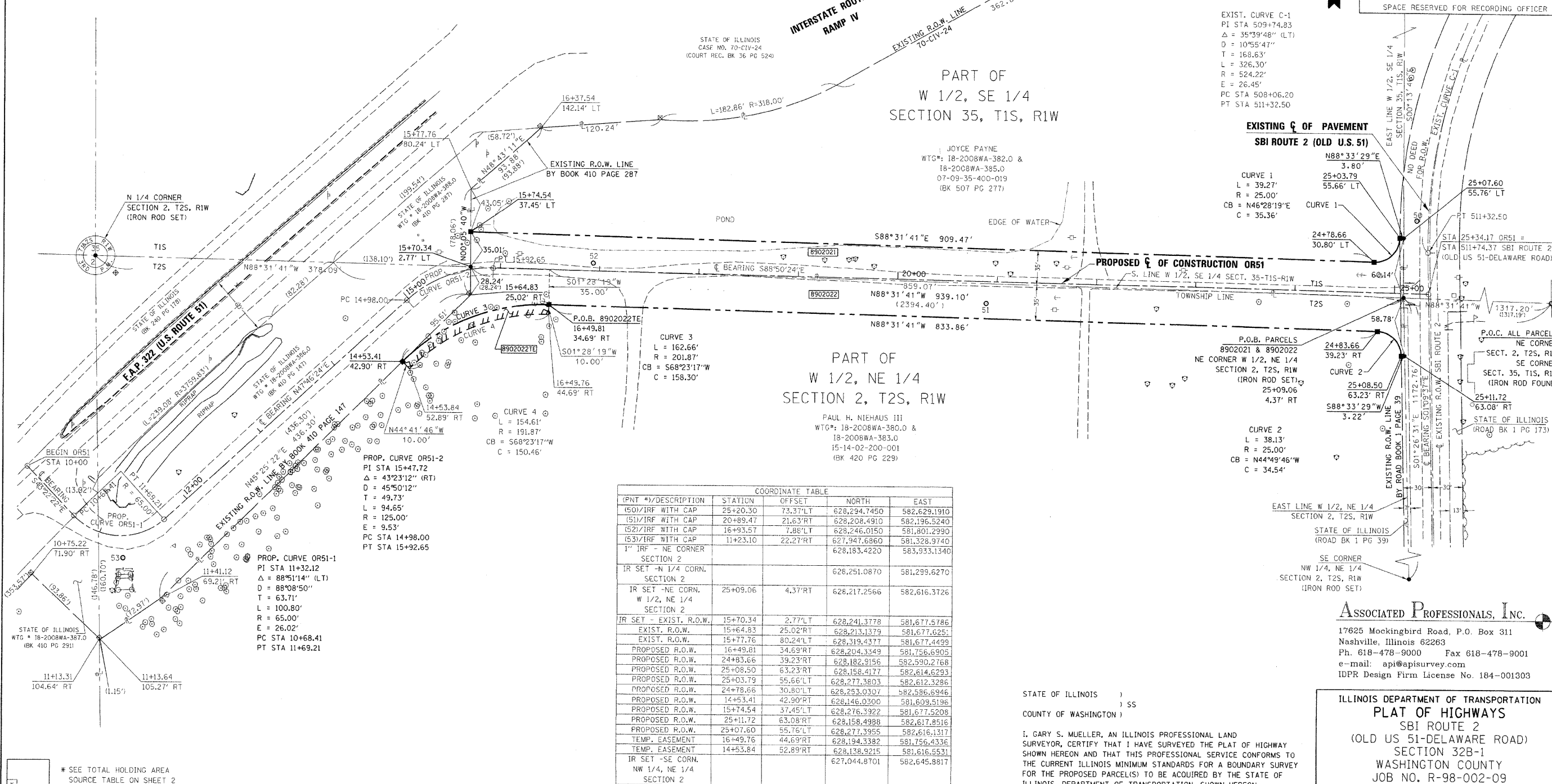
PART OF THE W 1/2 OF SE 1/4 OF SECTION 35, T1S, R1W, & PART OF W 1/2 OF THE NE 1/4 OF SECTION 2, T2S, R1W OF THE 3RD PM, WASHINGTON COUNTY, ILLINOIS

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

I.D.O.T. PROVIDED CONTROL			
POINT*/DESC.	STATION	OFFSET	
1			
2			
3			
4			
5			
6			
7			

I.D.O.T. PROVIDED ALIGNMENT (OR51)			
POINT*/DESC.	STATION	OFFSET	
5500 (OR51)	10+00.00		
5501 (OR51)	25+34.17		
5508/PI OR51-1	11+32.12		
5509/PC OR51-1	10+68.41		
5510/PT OR51-1	11+69.21		
5511/PI OR51-2	15+47.72		
5512/PC OR51-2	14+98.00		
5513/PT OR51-2	15+92.65		

I.D.O.T. PROVIDED ALIGNMENT (SBI ROUTE 2/OLD 51)			
POINT*/DESC.	STATION	OFFSET	
5502/PI C-1	509+74.83		
5503/PC C-1	508+06.20		
5504/PT C-1	511+32.50		



(PNT #)/DESCRIPTION	STATION	OFFSET	NORTH	EAST
(501)/IRF WITH CAP	25+20.30	73.37'LT	628,294.7450	582,629.1910
(511)/IRF WITH CAP	20+89.47	21.63'RT	628,208.4910	582,196.5240
(521)/IRF WITH CAP	16+93.57	7.88'LT	628,246.0150	581,801.2990
(531)/IRF WITH CAP	11+23.10	22.27'RT	627,947.6860	581,328.9740
1" IRF - NE CORNER SECTION 2			628,183.4220	583,933.1340
IR SET - N 1/4 CORN. SECTION 2			628,251.0870	581,299.6270
IR SET - NE CORN. W 1/2, NE 1/4 SECTION 2	25+09.06	4.37'RT	628,217.2566	582,616.3726
IR SET - EXIST. R.O.W.	15+70.34	2.77'LT	628,241.3778	581,677.5786
EXIST. R.O.W.	15+64.83	25.02'RT	628,213.1379	581,677.0251
EXIST. R.O.W.	15+77.76	80.24'LT	628,319.4377	581,677.4499
PROPOSED R.O.W.	16+49.81	34.69'RT	628,204.3349	581,756.6905
PROPOSED R.O.W.	24+83.66	39.23'RT	628,182.9156	582,590.2768
PROPOSED R.O.W.	25+08.50	63.23'RT	628,158.4177	582,614.6293
PROPOSED R.O.W.	25+03.79	55.66'LT	628,277.3803	582,612.3286
PROPOSED R.O.W.	24+78.66	30.80'LT	628,146.0300	581,609.5196
PROPOSED R.O.W.	14+53.41	42.90'RT	628,253.0307	582,586.6946
PROPOSED R.O.W.	15+74.54	37.45'LT	628,276.3922	581,677.5208
PROPOSED R.O.W.	25+11.72	63.08'RT	628,158.4988	582,617.8516
PROPOSED R.O.W.	25+07.60	55.76'LT	628,277.3955	582,616.1317
TEMP. EASEMENT	16+49.76	44.69'RT	628,194.3382	581,756.4336
TEMP. EASEMENT	14+53.84	52.89'RT	628,138.9215	581,616.5531
IR SET - SE CORN. NW 1/4, NE 1/4 SECTION 2			627,044.8701	582,645.8817

PARCEL NO.	OWNER	TOTAL HOLDING ACRES	FEE SIMPLE ACQUISITION		REMAINDER ACRES	EASEMENTS		PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
			ACRES	SQ. FT.		PE = PERMANENT	TE = TEMPORARY		
8902021	JOYCE PAYNE, A MARRIED PERSON. TITLE REPORT NO. 18-2008WA-385.0 (FEE) & TITLE REPORT NO. 18-2008WA-382.0 (MINERAL)	6.6000	0.7600	33,106	5.8400	N/A	N/A	07-09-35-400-019	
8902022	PAUL H. NIEHAUS, III TITLE REPORT NO. 18-2008WA-383.0 (FEE) & TITLE REPORT NO. 18-2008WA-380.0 (MINERAL)	34.7400	0.7815	34,043	33.9585	TE = 0.0364	TE = 1.586	15-14-02-200-001	

STATE OF ILLINOIS)
 COUNTY OF WASHINGTON) SS

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCELS TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

DATED 6/29/2009

GARY S. MUELLER, PLS NO. 3332
 LICENSE EXPIRATION DATE: 11/30/2010

ASSOCIATED PROFESSIONALS, INC.
 17625 Mockingbird Road, P.O. Box 311
 Nashville, Illinois 62263
 Ph. 618-478-9000 Fax 618-478-9001
 e-mail: apis@apisurvey.com
 IDPR Design Firm License No. 184-001303

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PLAT OF HIGHWAYS
 SBI ROUTE 2
 (OLD US 51-DELAWARE ROAD)
 SECTION 32B-1
 WASHINGTON COUNTY
 JOB NO. R-98-002-09
 OR51: STATION 10+00 TO STATION 25+34.17

SCALE: 1" = 50'

SHEET 3 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINGSVILLE, ILLINOIS 62234-6198

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2	32B-1	WASHINGTON	63	34

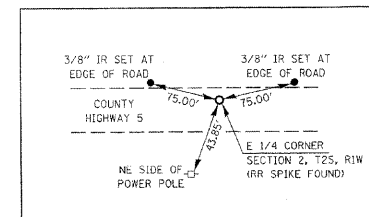
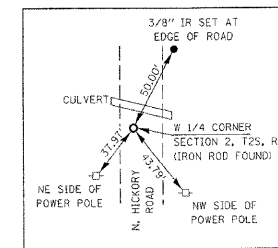
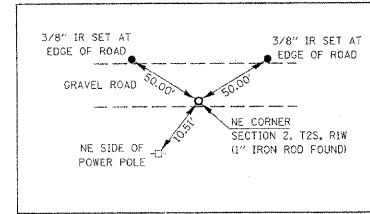
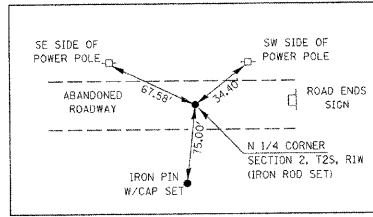
COMPLETION DATE OF FIELD WORK PERFORMED
 LAND SURVEY: 12/11/2008 ROW STAKING:

FED. ROAD DIST. NO. 8 [ILLINOIS] FED. AID PROJECT

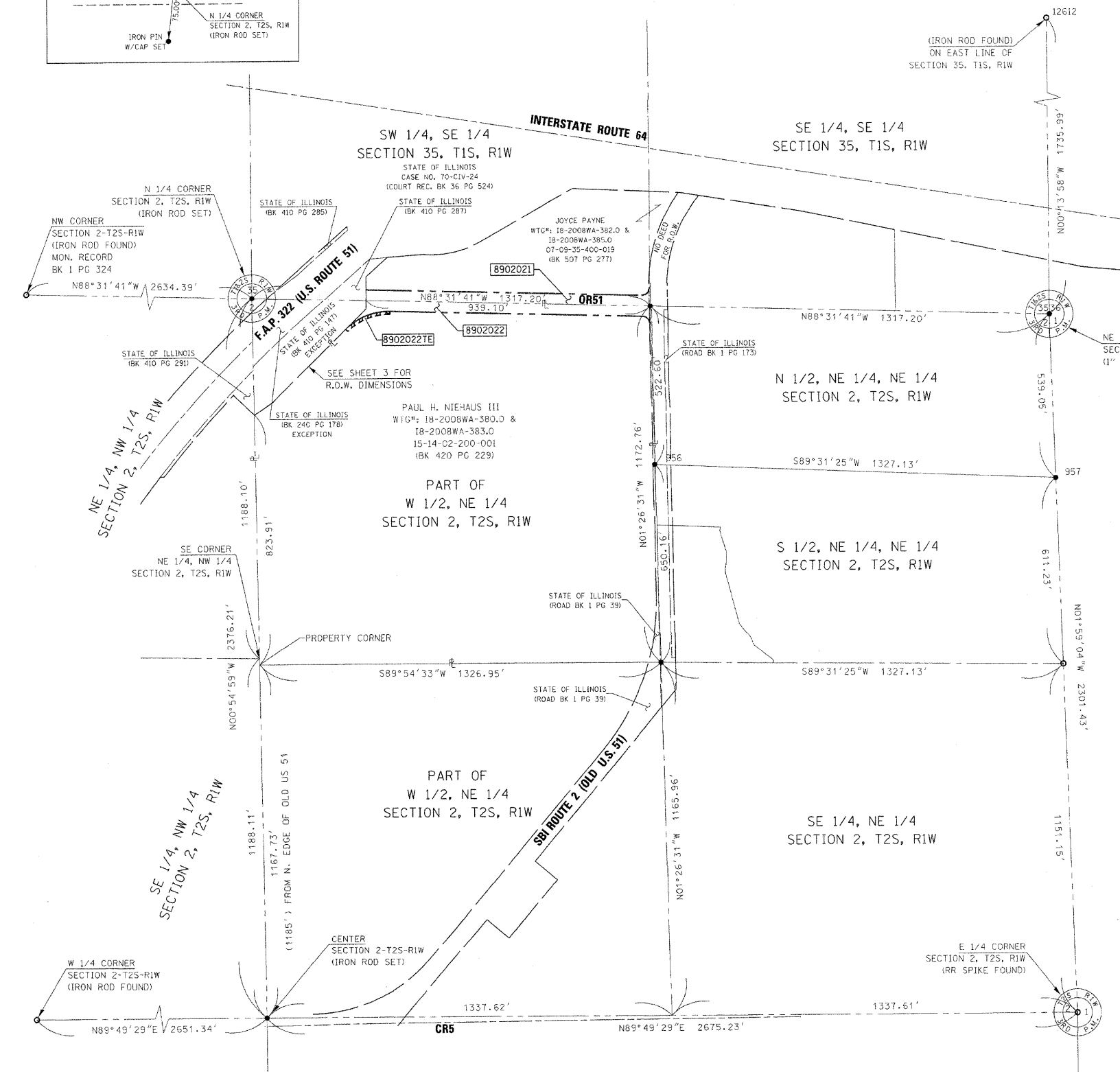
TOTAL HOLDING SKETCH
PARCEL 8902022



SPACE RESERVED FOR RECORDING OFFICER



COORDINATE TABLE				
(PNT #)/DESCRIPTION	STATION	OFFSET	NORTH	EAST
IRF - W 1/4 CORNER SECTION 2			625,867.0740	578,686.2840
IRF - NW CORNER SECTION 2			628,318.7520	578,666.1200
1\"/>				



STATE OF ILLINOIS)
) SS
 COUNTY OF WASHINGTON)

I, GARY S. MUELLER, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL(S) TO BE ACQUIRED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, SHOWN HEREON.

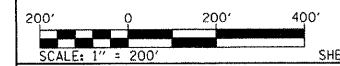
DATED 6/29/2009

GARY S. MUELLER, PLS NO. 3332
 LICENSE EXPIRATION DATE: 11/30/2010



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ILLINOIS DEPARTMENT OF TRANSPORTATION
TOTAL HOLDING SKETCH
 SBI ROUTE 2
 (OLD US 51-DELAWARE ROAD)
 SECTION 32B-1
 WASHINGTON COUNTY
 JOB NO. R-98-002-09



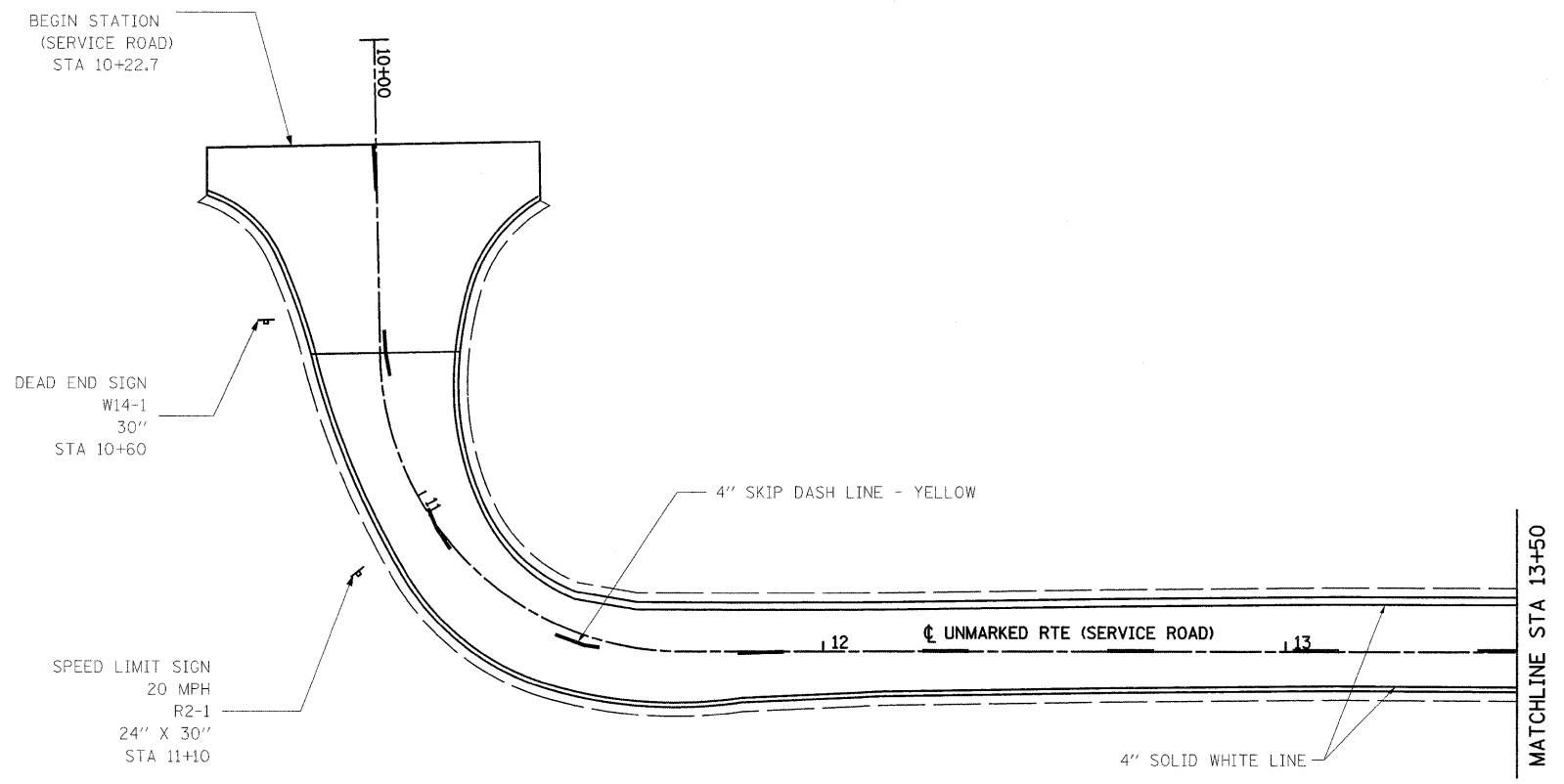
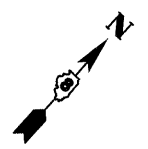
SHEET 4 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS/REGION 5/DISTRICT 8
 1102 EASTPORT PLAZA DRIVE
 COLLINSVILLE, ILLINOIS 62234-6198

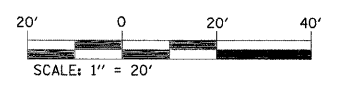
S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2	32B-1	WASHINGTON	63	35

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/11/2008	ROW STAKING:

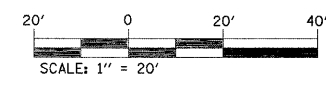
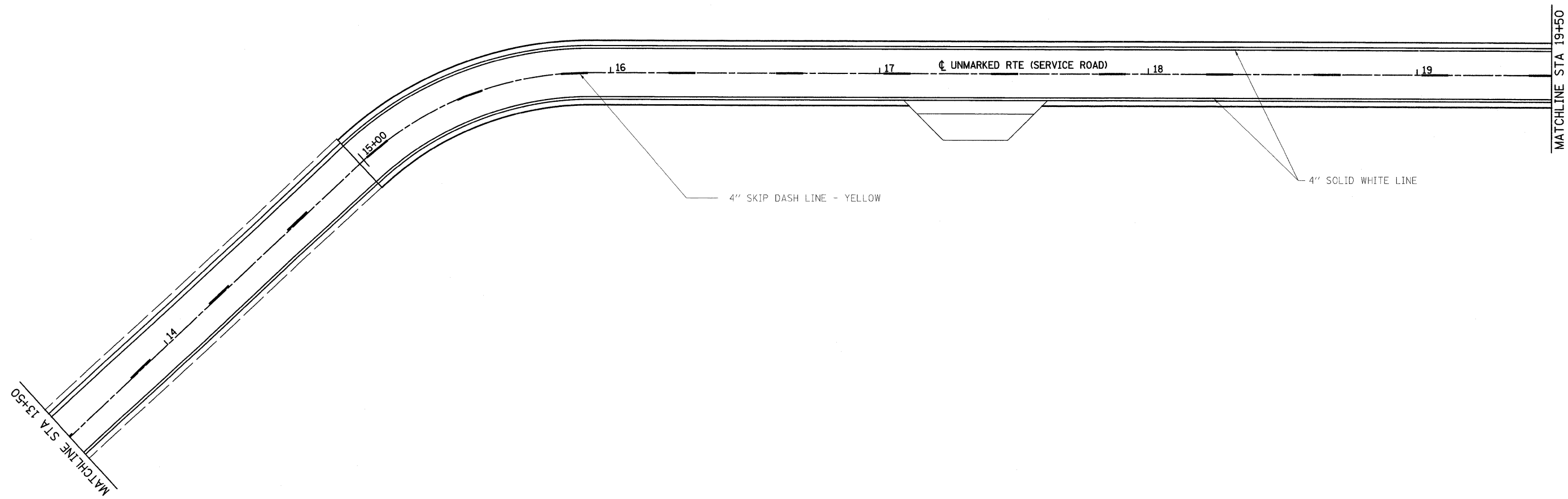
CONTRACT NO. 76132	
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



NOTE: SEE STANDARDS 781001 AND 780001 FOR PAVEMENT MARKING DETAILS.



FILE NAME = c:\pwork\pwork\THARPRL\dms52424\087132.sht:pmk.dgn	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING /SIGNING SHEETS			DR&SB1 RTE. 322&2	SECTION 95-AC & 32B-1	COUNTY WASHINGTON	TOTAL SHEETS 63	SHEET NO. 36
PLOT SCALE = 20.0000' / IN.	CHECKED - A. MUEHLFELD	DRAWN - R. THARP	REVISED -		SCALE: 1"=20'	SHEET NO. 1 OF 9 SHEETS	STA. 10+00 TO STA. 13+50	CONTRACT NO. 76132				
PLOT DATE = 12/10/2009	DATE - 12/8/2009	CHECKED - A. MUEHLFELD	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 12/8/2009	REVISED -									



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING /SIGNING SHEETS			DR&SB1	SECTION	COUNTY	TOTAL	SHEET
ct:\pwork\pwwid01\THARPRL\dms52424\087	\$132-aht-pmk.dgn	DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-1	WASHINGTON	63	37			
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - A. MUEHLFELD	REVISED -		SCALE: 1" = 20' SHEET NO. 2 OF 9 SHEETS STA. 13+50 TO STA. 19+50			CONTRACT NO. 76132				
	PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -		ILLINOIS FED. AID PROJECT							



MATCHLINE STA 19+50

4" SKIP DASH LINE - YELLOW

20+00

21

22

UNMARKED RTE (SERVICE ROAD)

23

24

25+00

4" SOLID WHITE LINE

4" SOLID WHITE LINE

SPEED LIMIT SIGN
20 MPH
R2-1
24" X 30"
STA 24+00

END STATION
(SERVICE ROAD)
STA 25+25.5

STOP SIGN
R1-1
30"
STA 25+20

4" SKIP DASH LINE - YELLOW

BEGIN STATION
(OLD US 51/DELAWARE RD)
STA 511+00

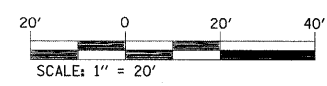
510+00

511

512

OLD US 51 / DELAWARE RD

MATCHLINE STA 513+00



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ce:\pw_work\PWIDOT\THARPRL\dms52424\087	132-shr-pmk.dgn	DRAWN - R. THARP	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED - A. MUJHLFELD	REVISED -
	PLOT DATE = 1/7/2010	DATE - 12/8/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Rev

PAVEMENT MARKING /SIGNING SHEETS

SCALE: 1"=20' SHT NO. 3 OF 9 SHTS STA 19+50 TO STA 25+34.17 & STA 510+00 TO STA 513+50

OR&SB1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	38
CONTRACT NO. 76132				

ILLINOIS FED. AID PROJECT



MATCHLINE STA 513+00

MATCHLINE STA 519+00

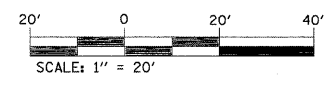
4" SKIP DASH LINE - YELLOW

+17.13 PF
AGG. 8.588'

OLD US 51/DELAWARE RD

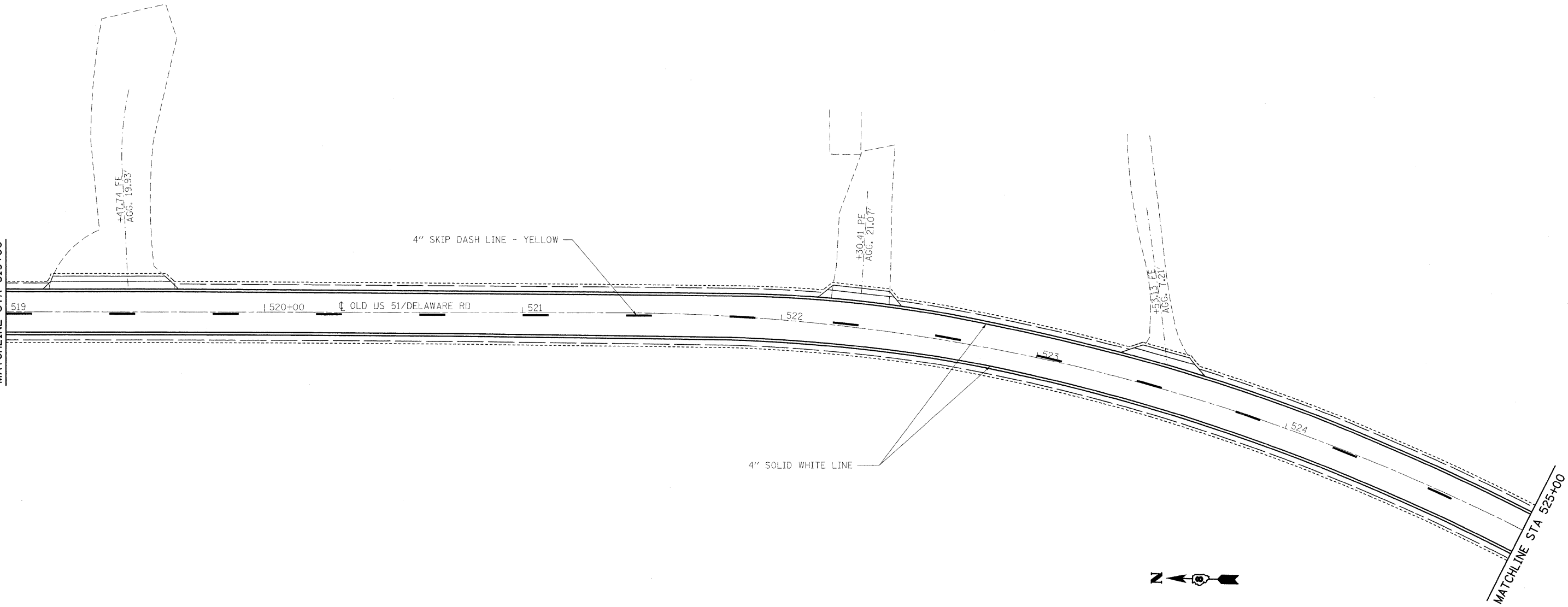
DEAD END SIGN
W14-1
30"
STA 514+00

4" SOLID WHITE LINE

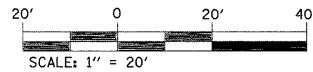


FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING /SIGNING SHEETS	DR&SB1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwwd001\THARPR1\dms52424\087	132-sht-pmk.dgn	DRAWN - R. THARP	REVISED -			322&2	95-AC & 32B-1	WASHINGTON	63	39
	PLOT SCALE = 20.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -			CONTRACT NO. 76132				
	PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -			SCALE: 1"=20'	SHEET NO. 4 OF 9 SHEETS	STA. 513+00 TO STA. 519+00	ILLINOIS FED. AID PROJECT	

MATCHLINE STA 519+00



MATCHLINE STA 525+00



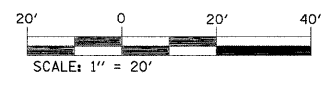
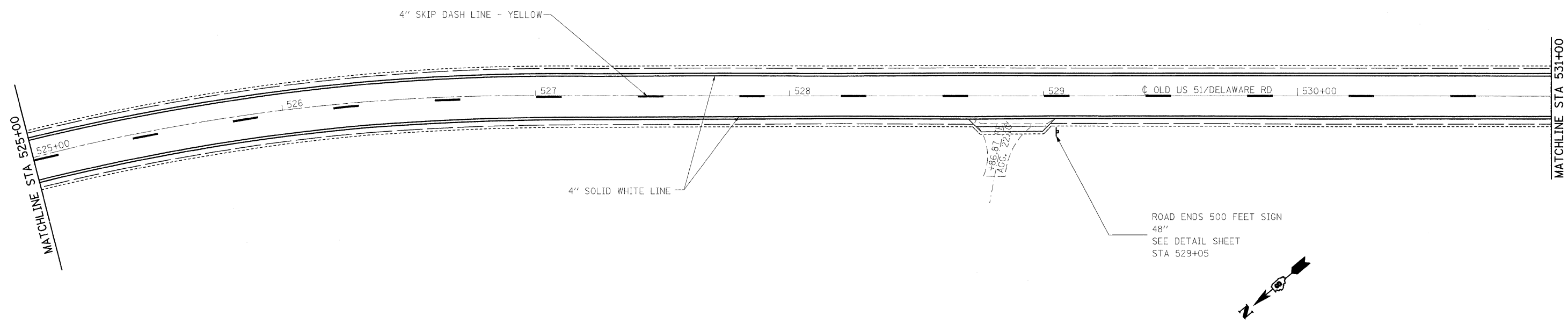
FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -
at\p\work\PWIDOT\THARPR\dmr52424\0876132-aht-pmk.dgn		DRAWN - R. THARP	REVISED -
		CHECKED - A. MUEHLFELD	REVISED -
		DATE - 12/8/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

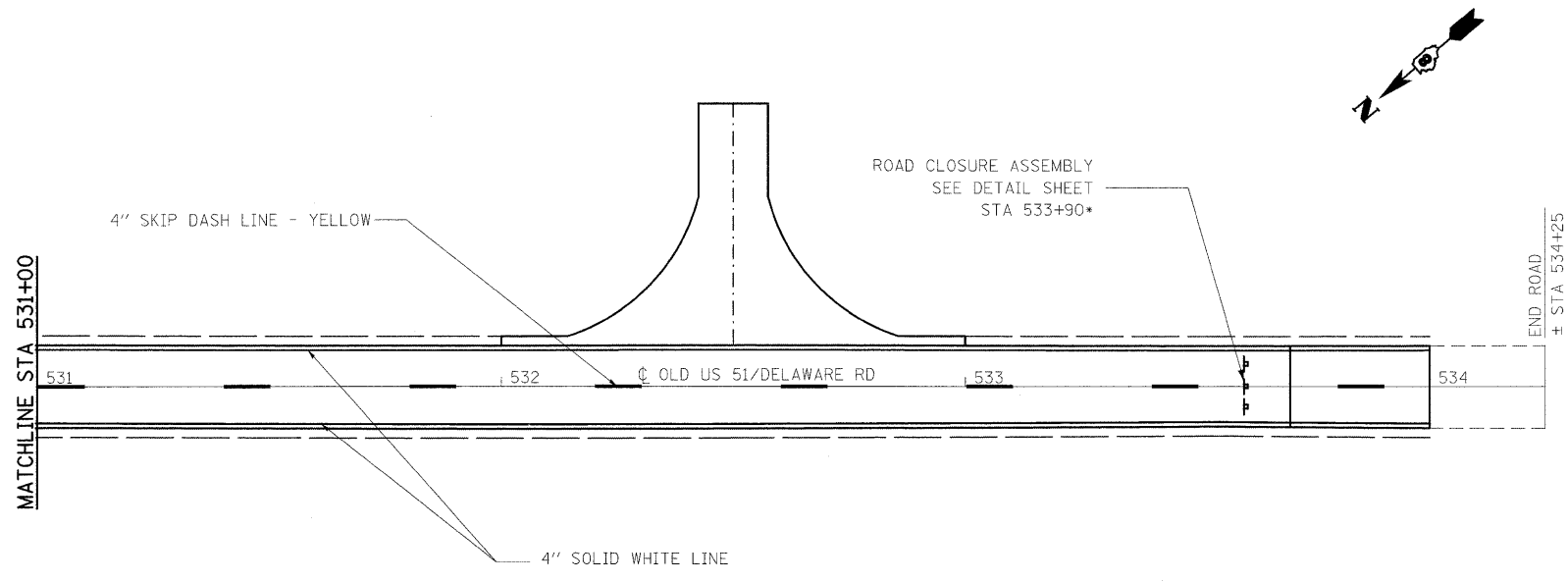
PAVEMENT MARKING /SIGNING SHEETS

OR&SBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-I	WASHINGTON	63	40
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. 5 OF 9 SHEETS STA. 519+00 TO STA. 525+00

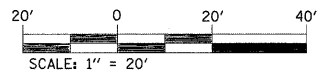


FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING /SIGNING SHEETS				OR&SBI	SECTION	COUNTY	TOTAL	SHEET
c:\pwork\pwork\THARP\ldms52424\0876132-aht-pmk.dgn		DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-I	WASHINGTON	63	41				
	PLOT SCALE = 20,0000 ' / IN.	CHECKED - A. MUEHLFELD	REVISED -		SCALE: 1"=20' SHEET NO. 6 OF 9 SHEETS STA. 525+00 TO STA. 531+00				CONTRACT NO. 76132				
	PLOT DATE = 12/18/2009	DATE - 12/8/2009	REVISED -		ILLINOIS FED. AID PROJECT								

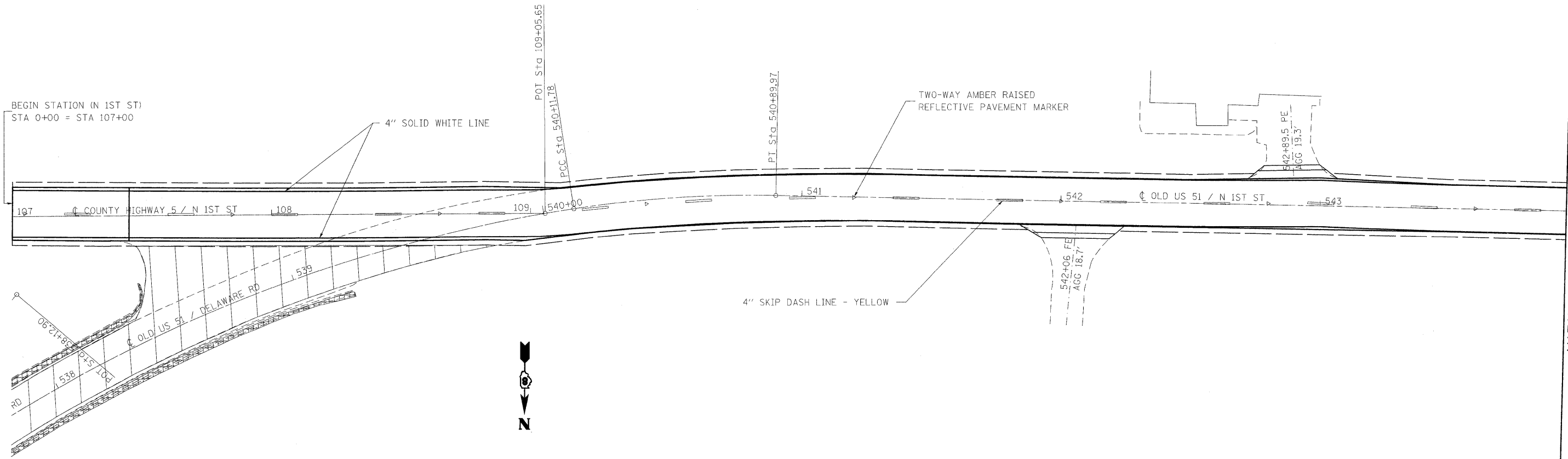


NOTES:

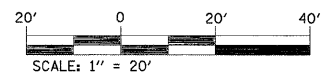
*ROAD CLOSURE ASSEMBLY LOCATION SHALL BE A MINIMUM OF 30 FOOT FROM THE CLOSURE LOCATION.



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING /SIGNING SHEETS	DR&SB RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwid07\THARPRL\dms52424\0876132-shr-pmk.dgn	DRAWN - R. THARP	REVISED -	322&2			95-AC & 32B-I	WASHINGTON	63	42	
PLOT SCALE = 20.0000 ' / IN.	CHECKED - A. MUEHLFELD	REVISED -	CONTRACT NO. 76132							
PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE: 1"=20'	SHEET NO. 7 OF 9 SHEETS	STA. 531+00 TO STA. 537+00				



MATCHLINE STA 6+00 = STA 543+95.12



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -
c:\pwork\pwork\PWIDOT\THARPRL\dms52424\087	132-sht-pmk3-n1st1.dgn	DRAWN - R. THARP	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -
	PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -

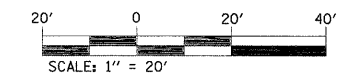
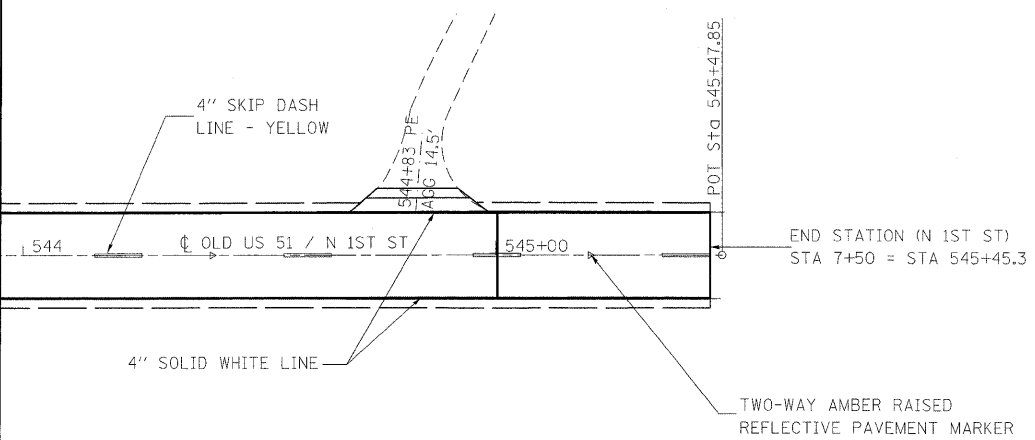
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING /SIGNING SHEETS

SCALE: 1"=20' SHEET NO. 8 OF 9 SHEETS STA 0+00 TO STA 6+00

DR&SBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-I	WASHINGTON	63	43
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA 6+00 = STA 543+95.12



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -
c:\pwork\pwwid\THARPRL\dms52424\087	132-shr-pmk3-n1st1.dgn	DRAWN - R. THARP	REVISED -
	PLOT SCALE = 20.0000 1 / IN.	CHECKED - A. MUEHLFELD	REVISED -
	PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING /SIGNING SHEETS

DR&SB1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	44
CONTRACT NO. 76132				

SCALE: 1"=20' SHEET NO. 9 OF 9 SHEETS STA 6+00 TO STA 7+50

ILLINOIS FED. AID PROJECT

NOTES:

REMOVE PAVEMENT AND GUTTER COMPLETELY. LEVEL EXISTING GROUND AND GRADE TO DRAIN TOWARD THE TRIBUTARY OF RAYSE CREEK. AERATE 2 FOOT OF GROUND SOIL BENEATH THE EXISTING PAVEMENT BEFORE PLANTING TREES.

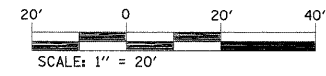
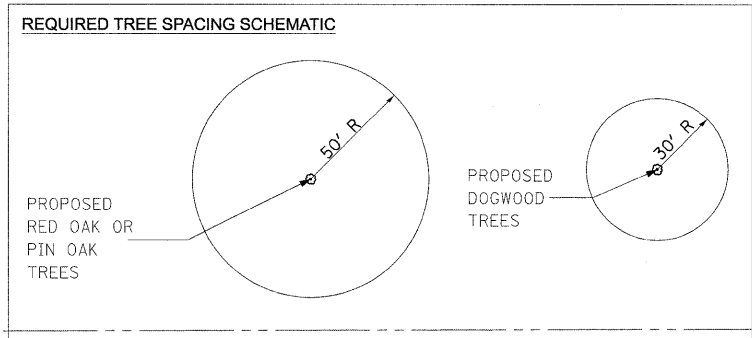
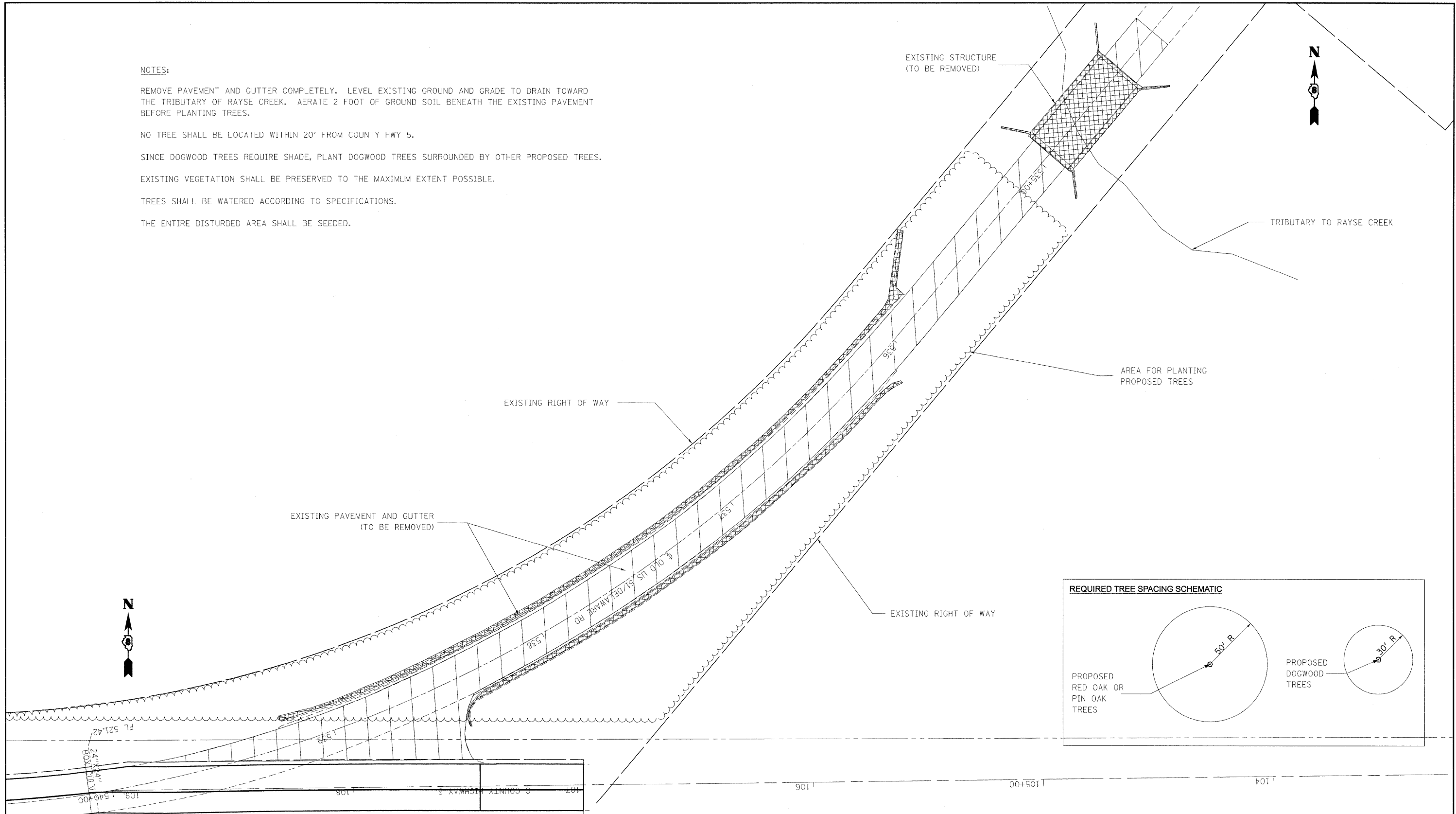
NO TREE SHALL BE LOCATED WITHIN 20' FROM COUNTY HWY 5.

SINCE DOGWOOD TREES REQUIRE SHADE, PLANT DOGWOOD TREES SURROUNDED BY OTHER PROPOSED TREES.

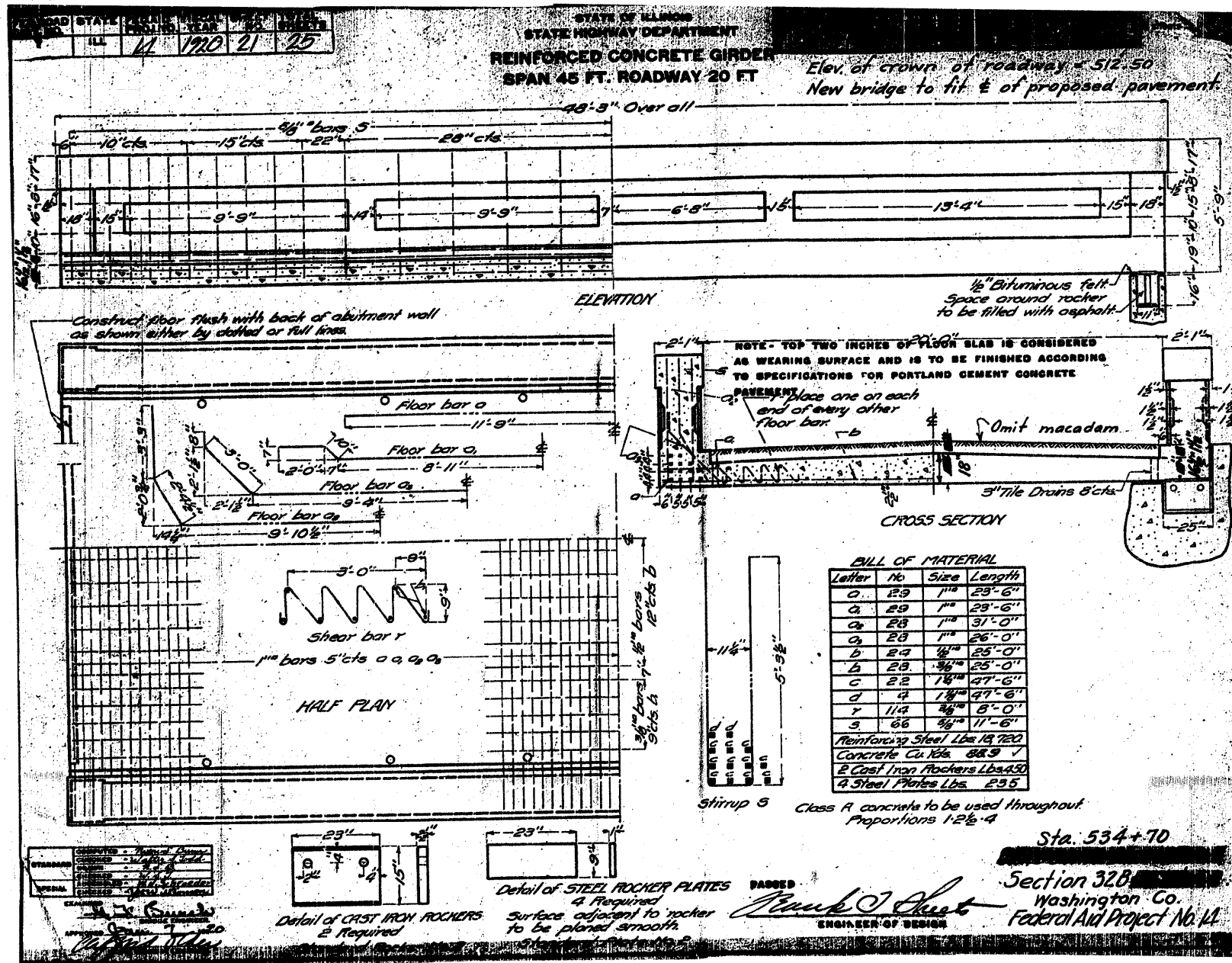
EXISTING VEGETATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT POSSIBLE.

TREES SHALL BE WATERED ACCORDING TO SPECIFICATIONS.

THE ENTIRE DISTURBED AREA SHALL BE SEEDED.



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN			OR&SB1	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\PWIDOT\THARPRL\dms52424\0876132-aht-1ndsep.dgn		DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-1	WASHINGTON	63	45			
PLOT SCALE = 20.0000' / IN.		CHECKED - A. MUEHLFELD	REVISED -		CONTRACT NO. 76132							
PLOT DATE = 12/10/2009		DATE - 12/8/2009	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1"=20'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					

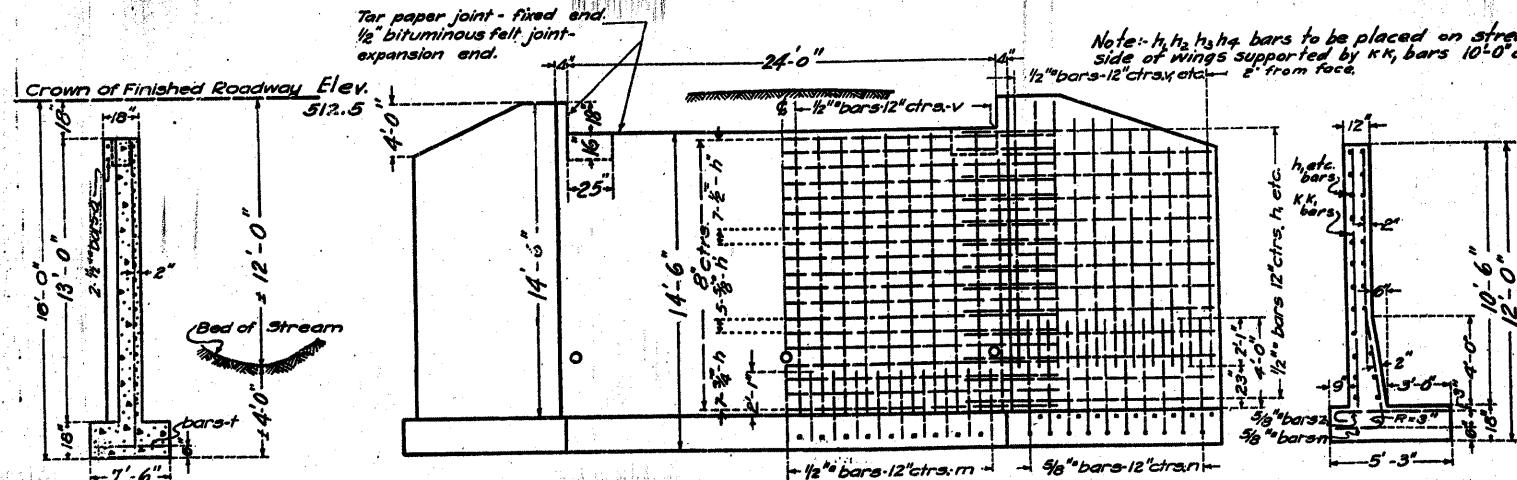


FOR INFORMATION ONLY

FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE PLANS	DR&SBI RTE -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\pwork\PWIDOT\THARPR\dms52424\d87	132-sht-exstr.dgn	DRAWN - R. THARP	REVISED -			322&2	95-AC & 32B-I	WASHINGTON	63	46	
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - A. MUEHLFELD	REVISED -			SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.					
	PLOT DATE = 12/8/2009	DATE - 12/8/2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

ROAD NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	ILL	14	1990	21	25

STATE OF ILLINOIS
STATE HIGHWAY DEPARTMENT
R. C. ABUTMENTS FOR GIRDER BRIDGE
HEIGHT OVER ALL 16 FT.



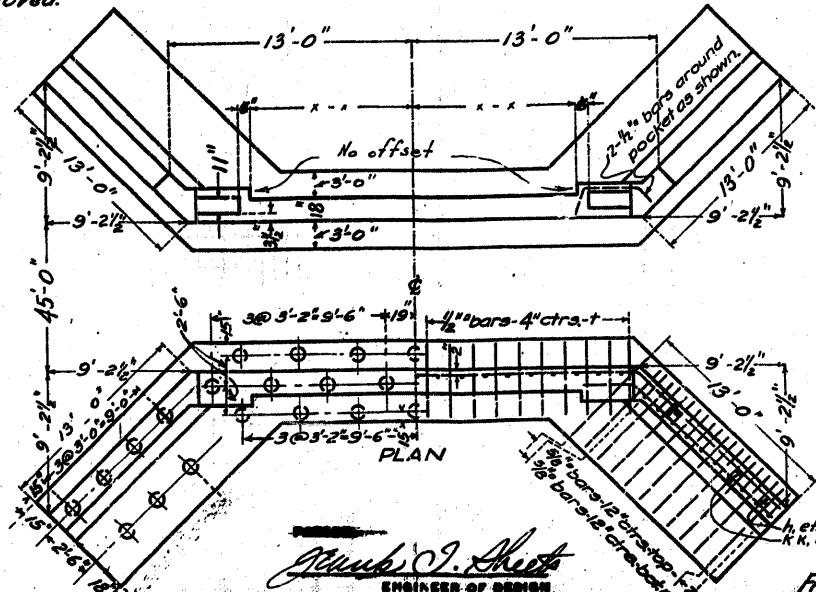
SECTION OF ABUTMENT
FRONT ELEVATION SHOWING OUTLINES
FRONT ELEVATION SHOWING REINFORCEMENT
END OF WING

Note: No existing structure to be removed.

Note: h_1, h_2, h_3, h_4 bars to be placed on stream side of wings supported by K, K, bars 10'-0" cts. $1/2$ " bars-12" ctrs. etc. 2' from face.

HORIZONTAL STEEL - MAIN WALL

Bars	Length of Bridge Seat							
	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	25'-0"	26'-0"
No.	7	7	8	6	8	8	8	8
h Size	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
h Cts.	7"	6 1/2"	9 1/2"	9"	8"	7 1/2"	6 1/2"	6 1/2"
No.	5	7	7	5	5	5	5	6
h Size	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
h Cts.	7"	6 1/2"	9 1/2"	9"	8"	7 1/2"	6 1/2"	6 1/2"
No.	7	8	9	5	6	7	8	10
h Size	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
h Cts.	7"	6 1/2"	9 1/2"	9"	8"	7 1/2"	6 1/2"	6 1/2"
Thickness of Wall	12	12	12	18	18	18	18	18



BILL OF MATERIAL

Bars	No.	Size	Length
v	50	1/2"	12'-0"
v	12	1/2"	12'-0"
v	12	1/2"	11'-0"
v	12	1/2"	10'-0"
v	16	1/2"	8'-6"
h	14	3/4"	31'-0"
h	10	3/4"	30'-0"
h	14	1/2"	29'-0"
k	4	1/2"	14'-0"
k	4	1/2"	10'-0"
h ₁	44	1/2"	15'-0"
h ₂	8	1/2"	10'-0"
m	50	1/2"	3'-0"
n	52	3/4"	7'-0"
t	150	1/2"	7'-3"
z	52	3/4"	8'-6"
q	4	1/2"	4'-6"
Reinforcing Steel			5130
Concrete - cu. yds.			94.6

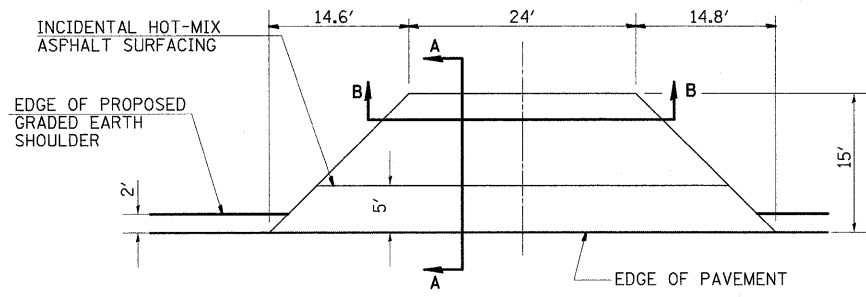
Piles
Class A concrete to be used throughout. Proportions 1:2 1/2:4
Sta. 534+70

COMPUTED BY: [Signature]
CHECKED BY: [Signature]
DESIGNED BY: [Signature]
DATE: 12/8/2009

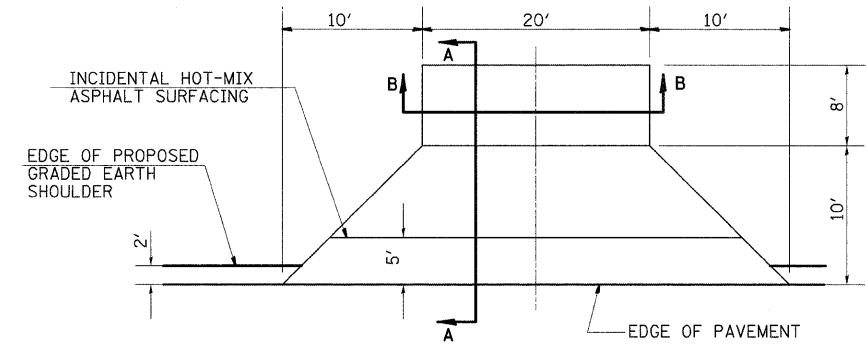
[Signature]
ENGINEER OF DESIGN

Sec. 32B
Washington County
Federal Aid Project No. 14 711

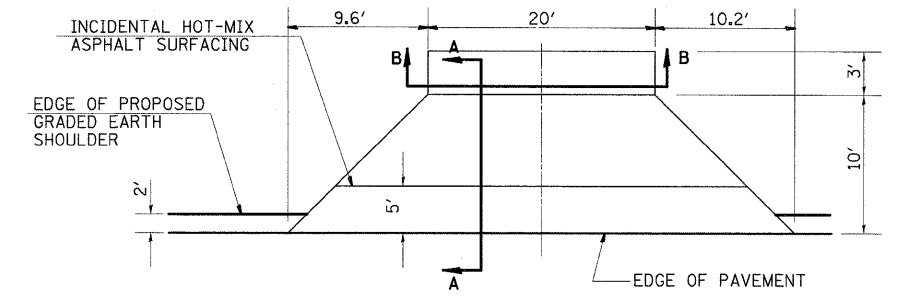
FOR INFORMATION ONLY



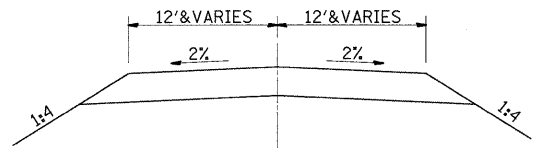
PLAN
STA. 17+35.7 RT



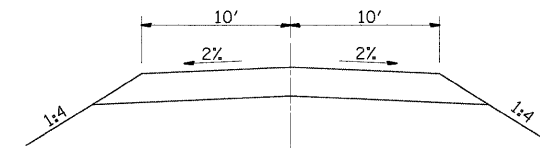
PLAN
STA. 21+89.6 RT



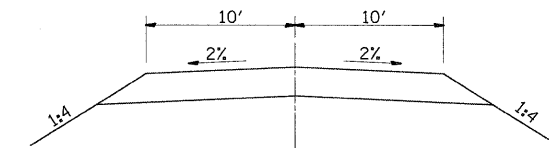
PLAN
STA. 21+95.7 LT



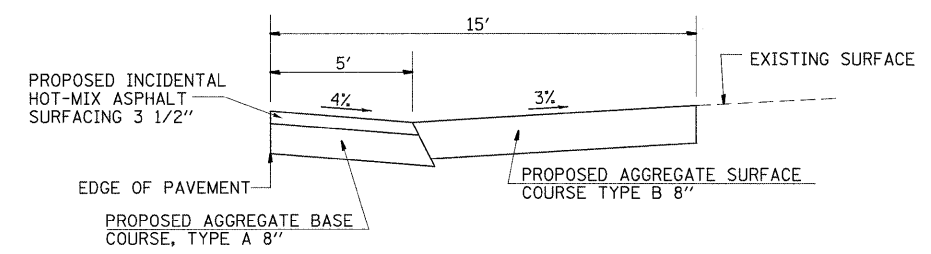
SECTION B-B



SECTION B-B

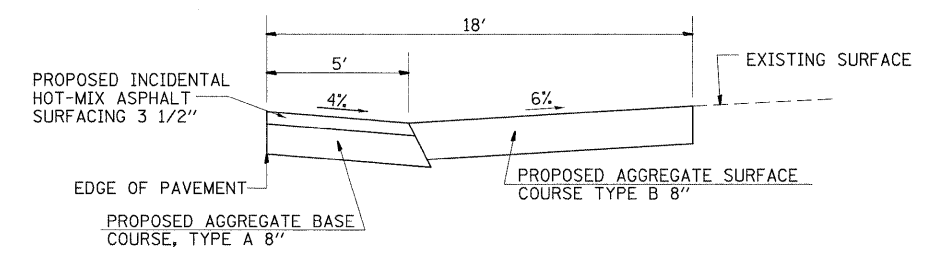


SECTION B-B



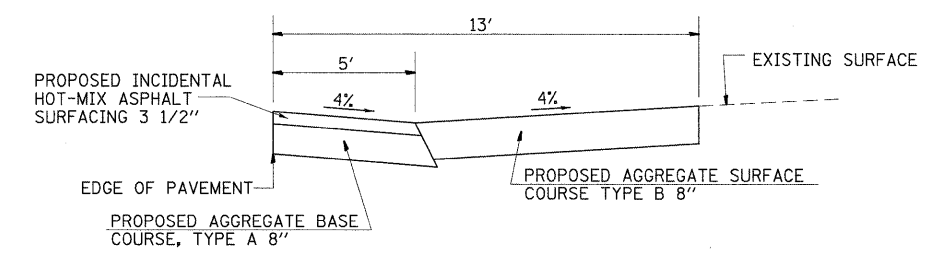
SECTION A-A

ENTRANCE DETAILS
UNMARKED ROUTE / SERVICE RD



SECTION A-A

ENTRANCE DETAILS
UNMARKED ROUTE / SERVICE RD

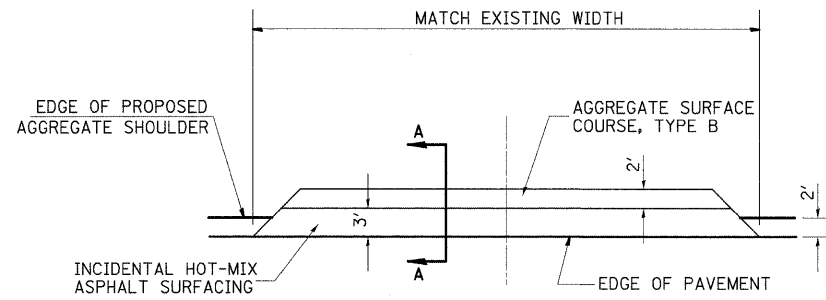


SECTION A-A

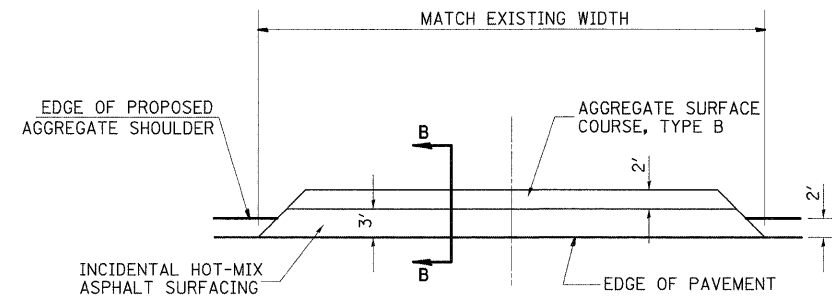
ENTRANCE DETAILS
UNMARKED ROUTE / SERVICE RD

NOTE: NOT TO SCALE

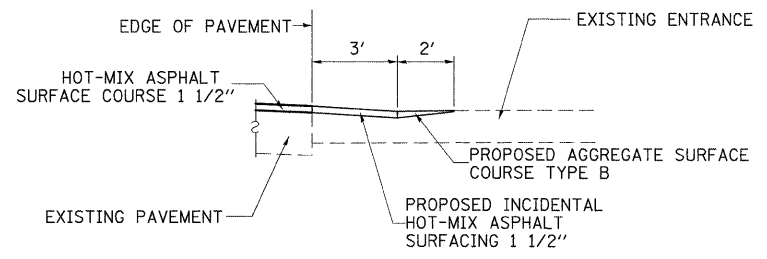
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ct:\pwork\p\WIDOT\THARP\l\dms52424\087	132-details.dgn	DRAWN - R. THARP	REVISED -			322&2	95-AC & 32B-I	WASHINGTON	63	48	
	PLOT SCALE = 50.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -			CONTRACT NO. 76132					
	PLOT DATE = 12/18/2009	DATE - 12/8/2009	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			
				SCALE:	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.				



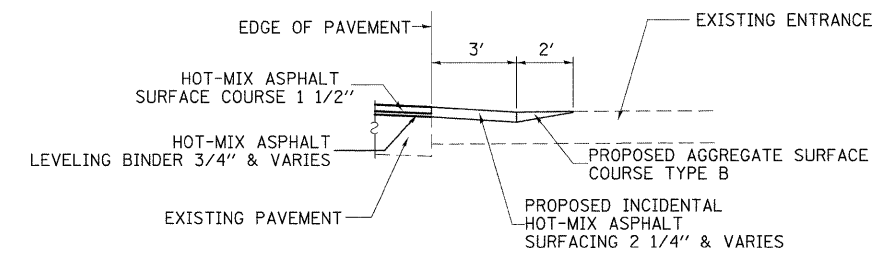
PLAN
 STA. 511+98.49 LT
 STA. 517+17.13 LT
 STA. 519+47.74 LT
 STA. 522+30.41 LT
 STA. 523+53.13 LT
 STA. 528+86.87 RT



PLAN
 STA. 542+06 RT
 STA. 542+89.5 LT
 STA. 544+83 LT



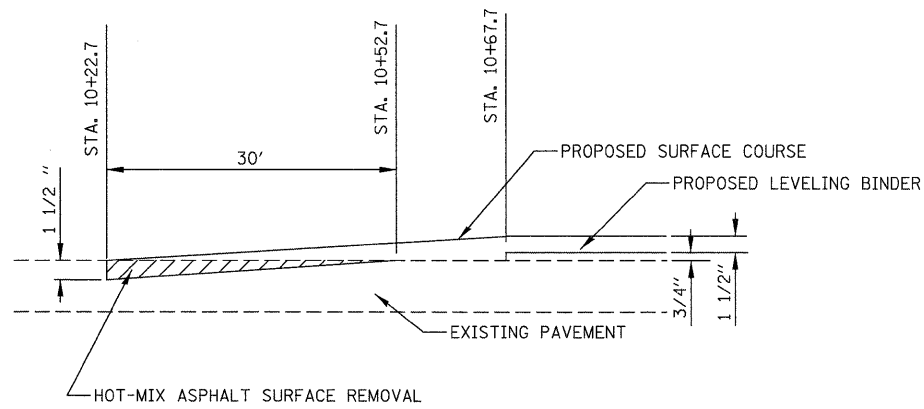
SECTION A-A
ENTRANCE DETAILS
 OLD US 51 / DELAWARE RD



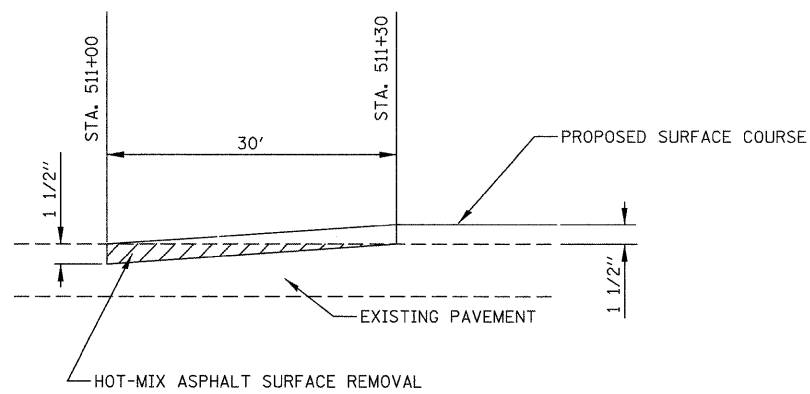
SECTION B-B
ENTRANCE DETAILS
 OLD US 51 / N 1ST ST

NOTE: NOT TO SCALE

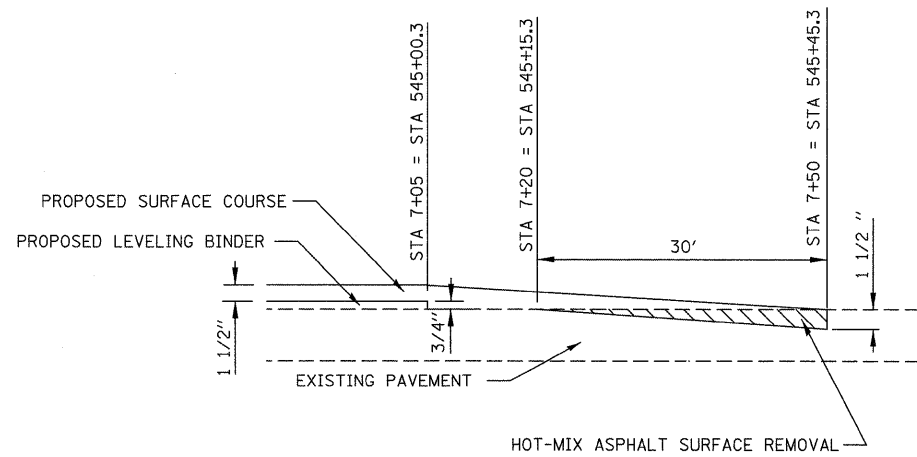
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cr\pwork\pwidot\tharp\rl\dms52424\d876132-details.dgn	DRAWN - R. THARP	REVISED -	322&2			95-AC & 32B-1	WASHINGTON	63	49	
PLOT SCALE = 50.0000 / IN.	CHECKED - A. MUEHLFELD	REVISED -	CONTRACT NO. 76132							
PLOT DATE = 12/10/2009	DATE - 12/8/2009	REVISED -	FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT			
				SCALE:	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.			



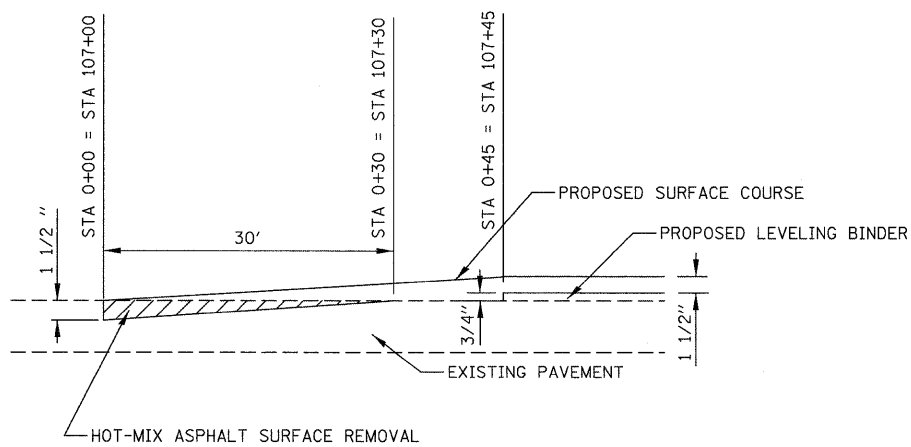
BUTT JOINT DETAIL - UNMARKED ROUTE/SERVICE ROAD



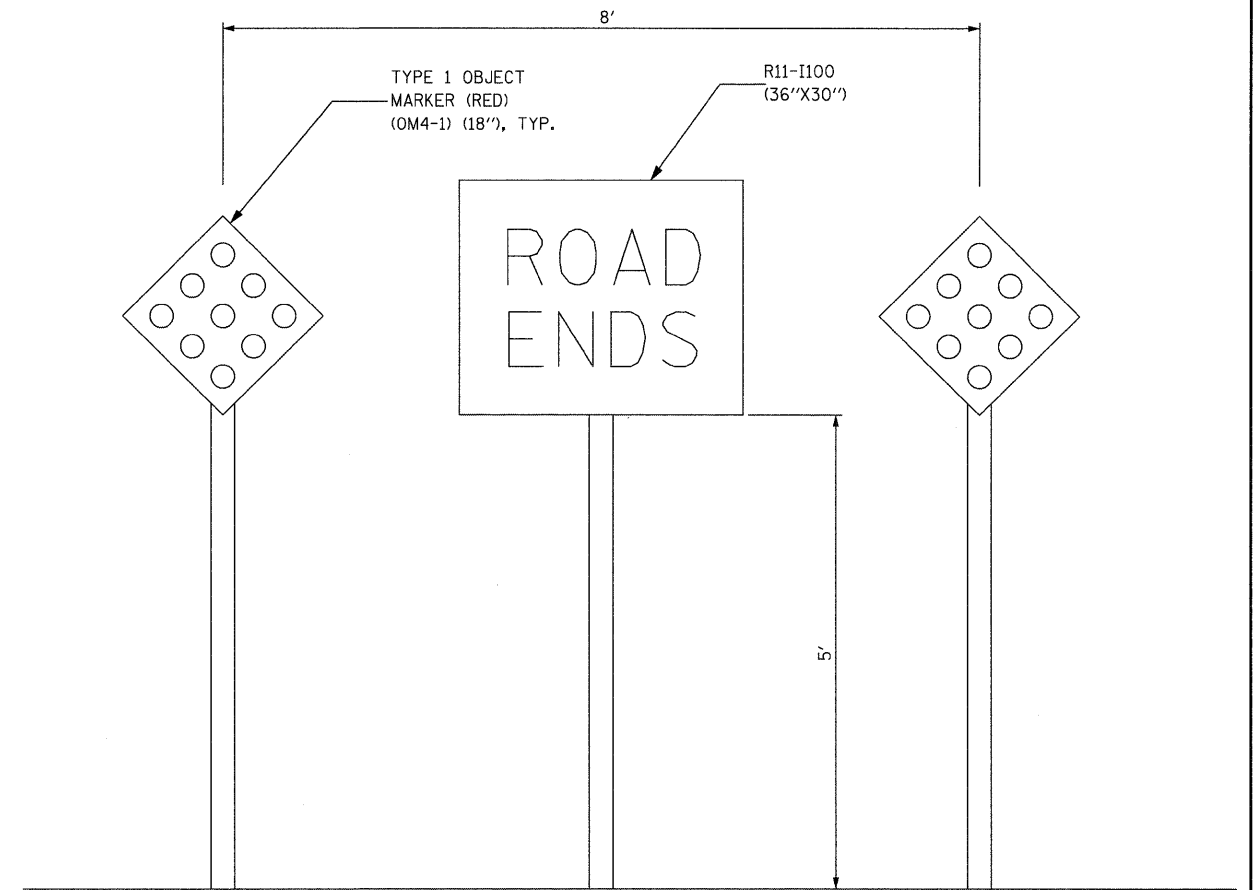
BUTT JOINT DETAIL - OLD US 51/DELAWARE ROAD



BUTT JOINT DETAIL - OLD US 51/NORTH 1ST STREET



BUTT JOINT DETAIL - COUNTY HWY 5/NORTH 1ST STREET



ROAD CLOSURE ASSEMBLY DETAIL



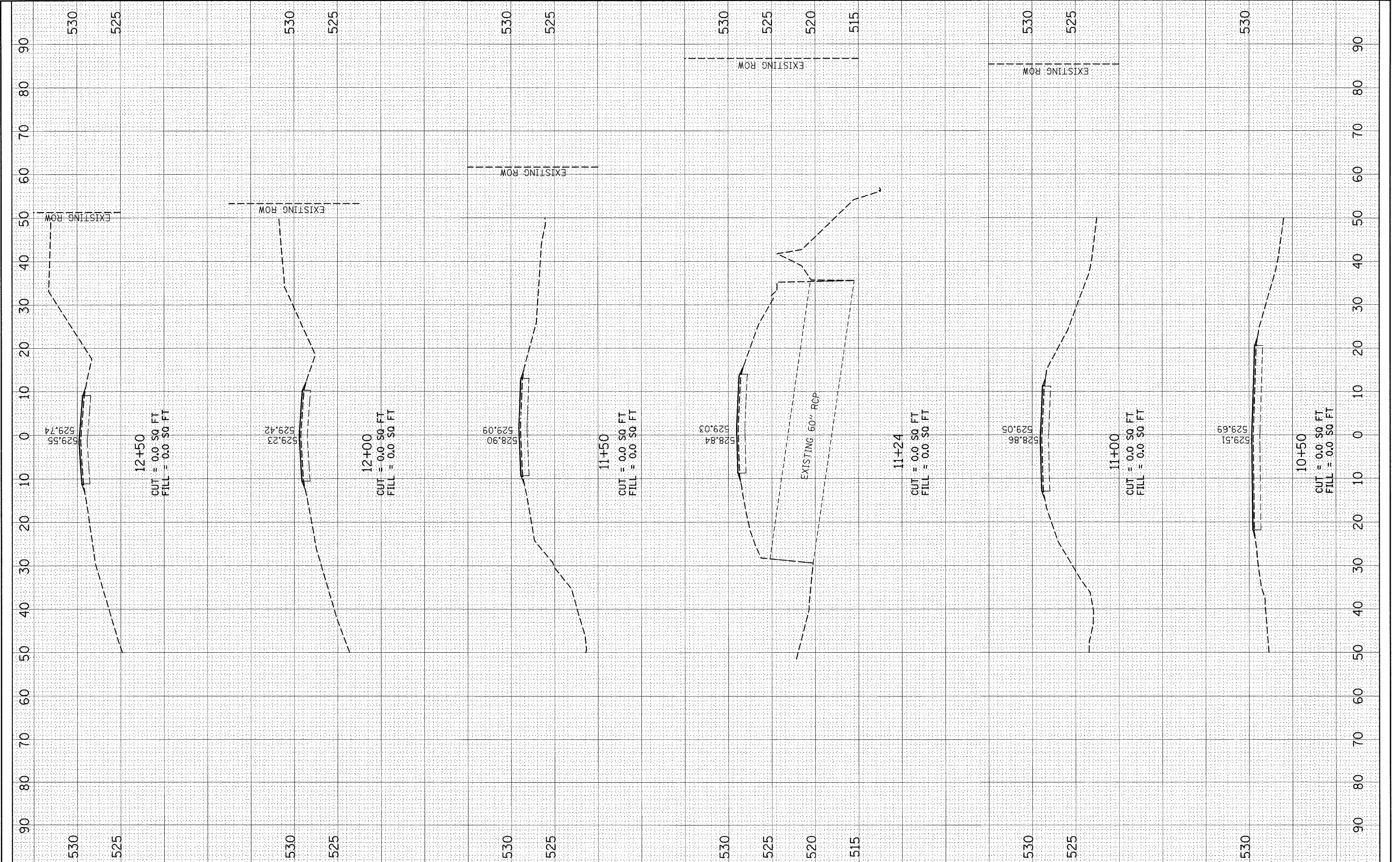
SPECIAL SIGN DETAIL
YELLOW & BLACK
48" x 48"
7" LETTERS
SEE PERTINENT INFORMATION

NOTE: NOT TO SCALE

FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL SHEETS			OR&SBI	SECTION	COUNTY	TOTAL	SHEET
ct:\pwork\PWIDOT\THARPRL\dms52424\d87	132-details.dgn	DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-1	WASHINGTON	63	50			
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PLOT DATE = 12/10/2009		DATE - 12/8/2009	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.					

FINAL SURVEY
 SURVEYED _____
 NOTE BOOK _____
 NO. _____
 SURVEYED _____
 TEMPLATE _____
 AREAS CHECKED _____

ORIGINAL SURVEY
 SURVEYED _____
 NOTE BOOK _____
 NO. _____
 SURVEYED _____
 TEMPLATE _____
 AREAS CHECKED _____



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 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009
 PLOT SCALE = 10,0000' / IN.
 PLOT DATE = 12/10/2009

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

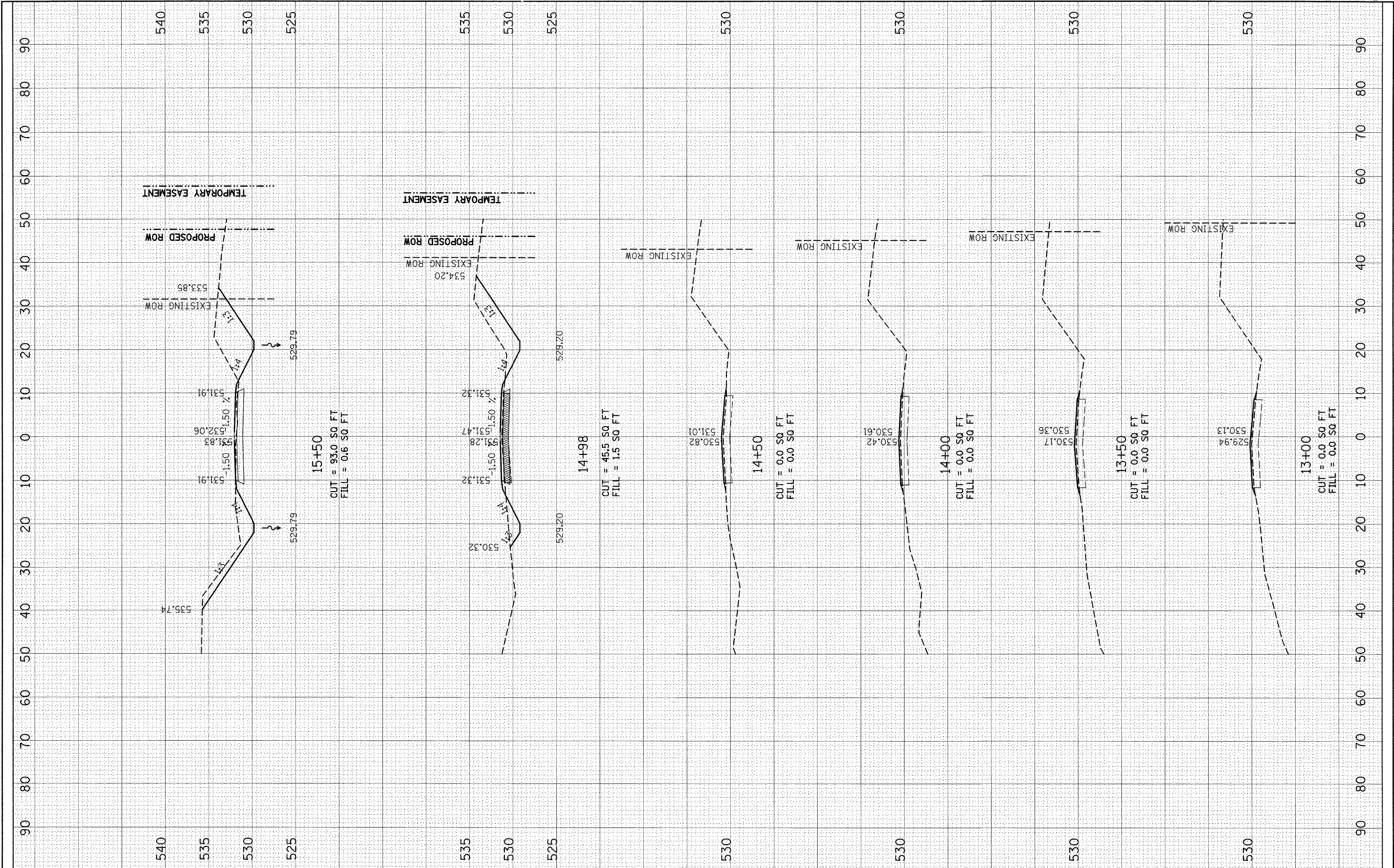
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 1 OF 7 SHEETS STA. 10+50 TO STA. 12+50

DR&SBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 328-I	WASHINGTON	63	51
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		



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 PLOT DATE = 12/10/2009

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

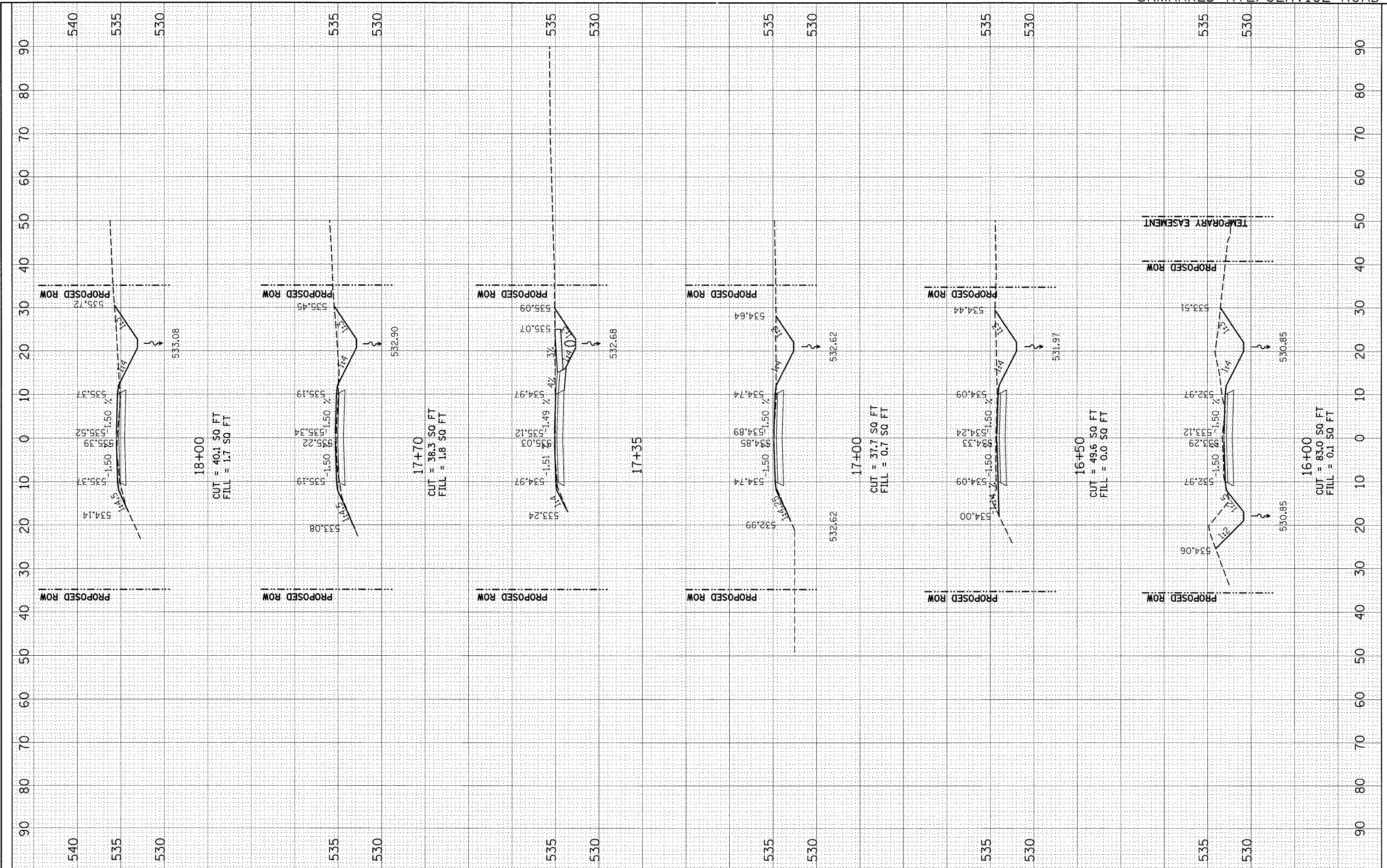
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 2 OF 7 SHEETS STA. 13+00 TO STA. 15+50

DR&SBT RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	52
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO. _____
 SURVEYED BY _____ DATE _____
 CHECKED BY _____
 TEMPLATE NO. _____
 AREAS CHECKED _____

ORIGINAL SURVEY NO. _____
 SURVEYED BY _____ DATE _____
 CHECKED BY _____
 TEMPLATE NO. _____
 AREAS CHECKED _____



FILE NAME =
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DESIGNED - R. THARP
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 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

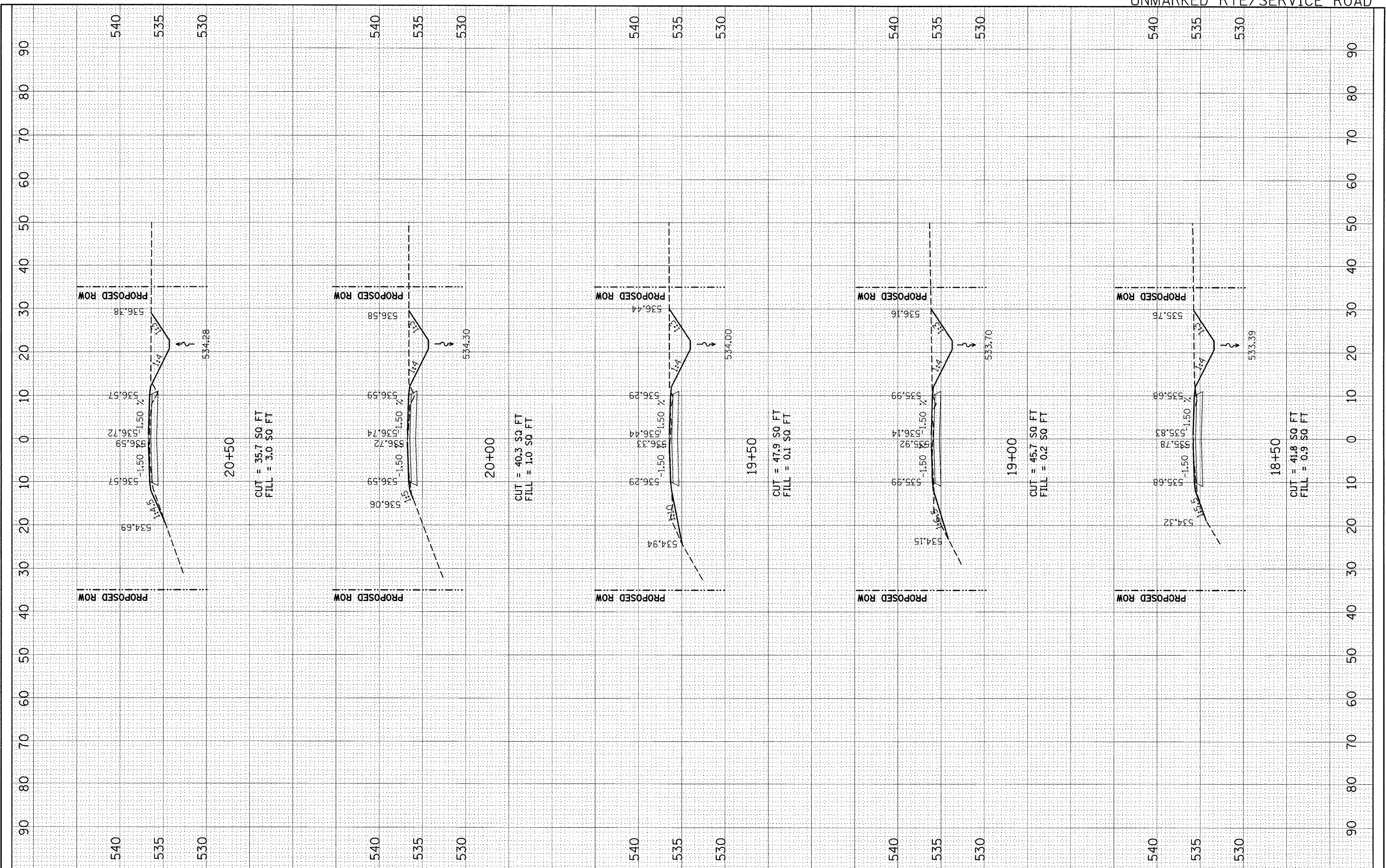
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 3 OF 7 SHEETS STA. 16+00 TO STA. 18+00

DR&SBI RTE. 322&2	SECTION 95-AC & 32B-1	COUNTY WASHINGTON	TOTAL SHEETS 63	SHEET NO. 53
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	NO.
TEMPLATE	AREAS CHECKED



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 PLOT DATE = 12/10/2009

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
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REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

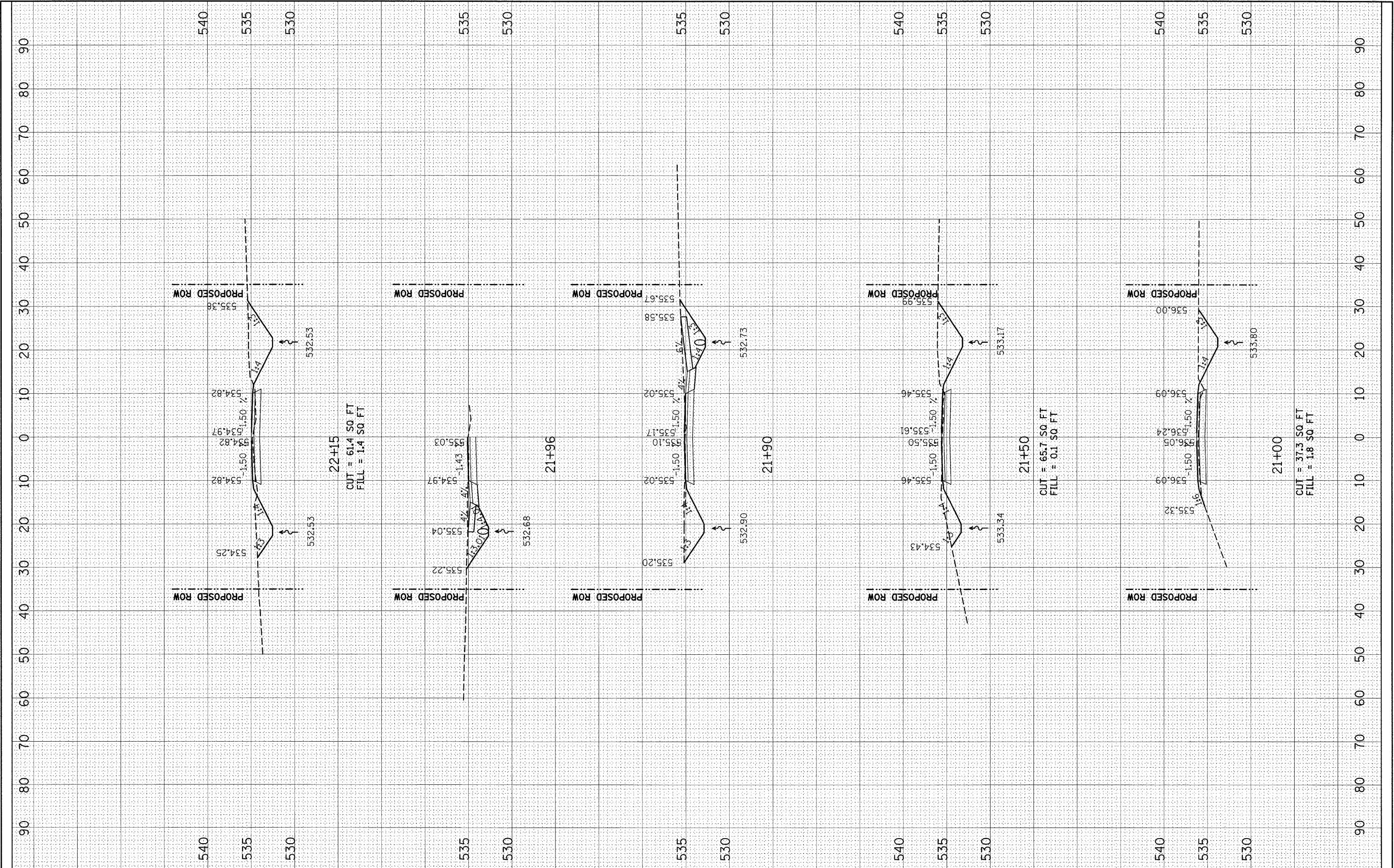
CROSS SECTIONS

SCALE: 1:50(H),1:100(V) SHEET NO. 4 OF 7 SHEETS STA. 18+50 TO STA. 20+50

DR&SB/ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	54
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	NO.
TEMPLATE	
AREAS CHECKED	



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USER NAME = tharp1

DESIGNED - R. THARP
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 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

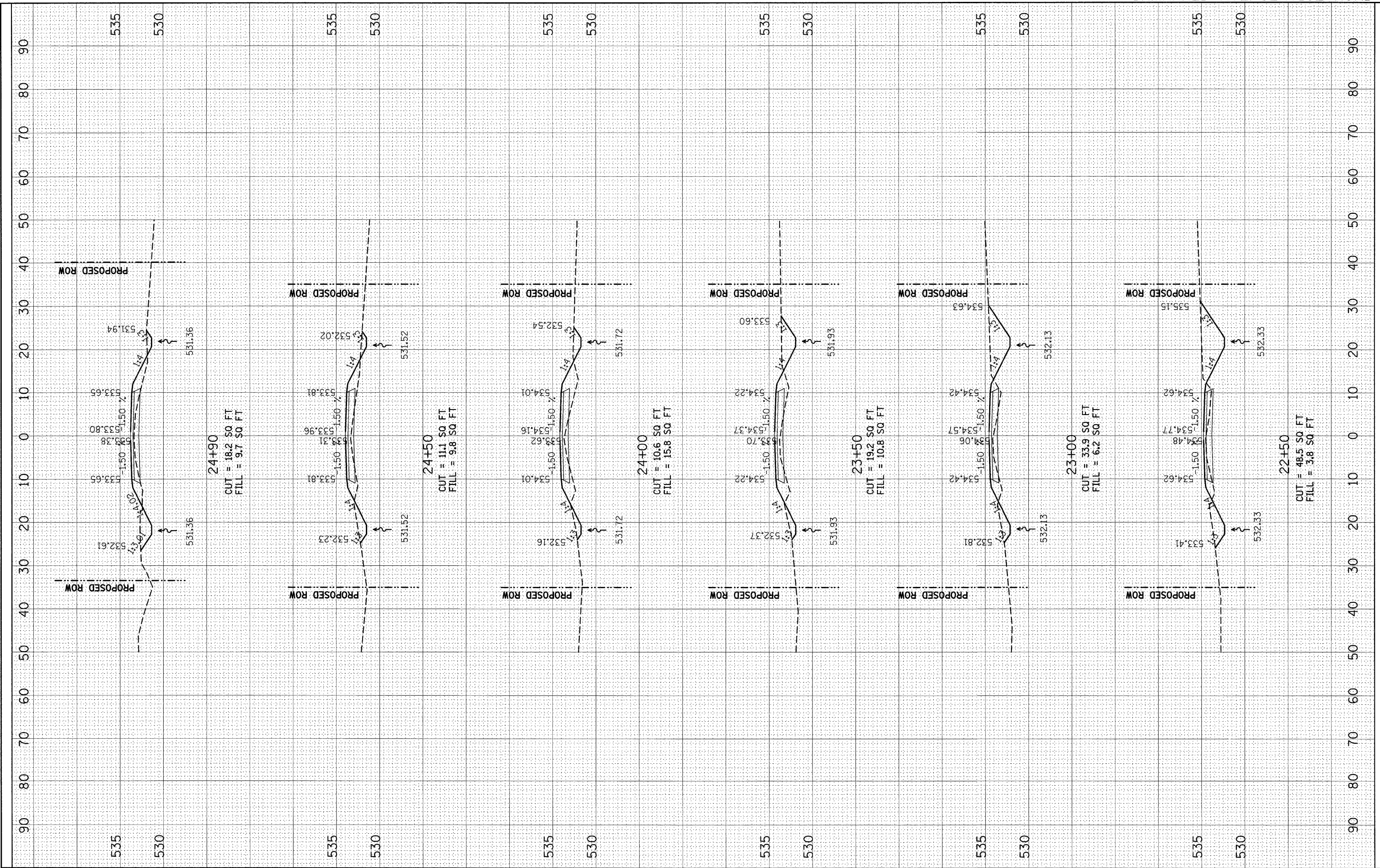
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 5 OF 7 SHEETS STA. 21+00 TO STA. 22+15

DR&SBI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-1	WASHINGTON	63	55
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	NO.
TEMPLATE	
AREAS CHECKED	



FILE NAME =
 USER NAME = tharp-r
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

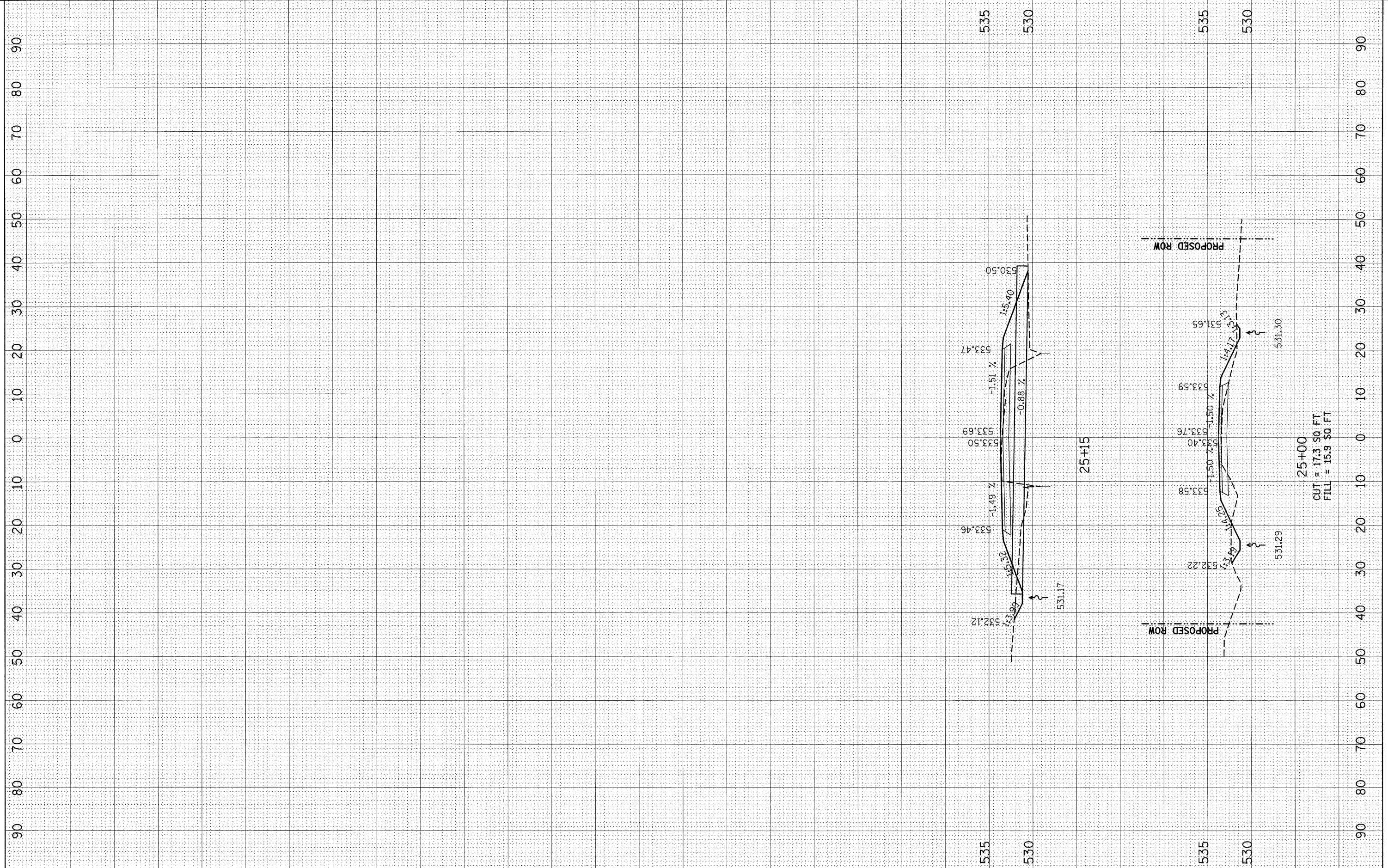
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 6 OF 7 SHEETS STA. 22+50 TO STA. 24+90

DR&SBI RTE. 322&2	SECTION 95-AC & 32B-1	COUNTY WASHINGTON	TOTAL SHEETS 63	SHEET NO. 56
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	
TEMPLATE	
AREAS	
AREAS CHECKED	



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PLOT SCALE = 10.0000' / IN.	
PLOT DATE = 12/18/2009	

DESIGNED - R. THARP	REVISED -
DRAWN - R. THARP	REVISED -
CHECKED - A. MUEHLFELD	REVISED -
DATE - 12/8/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

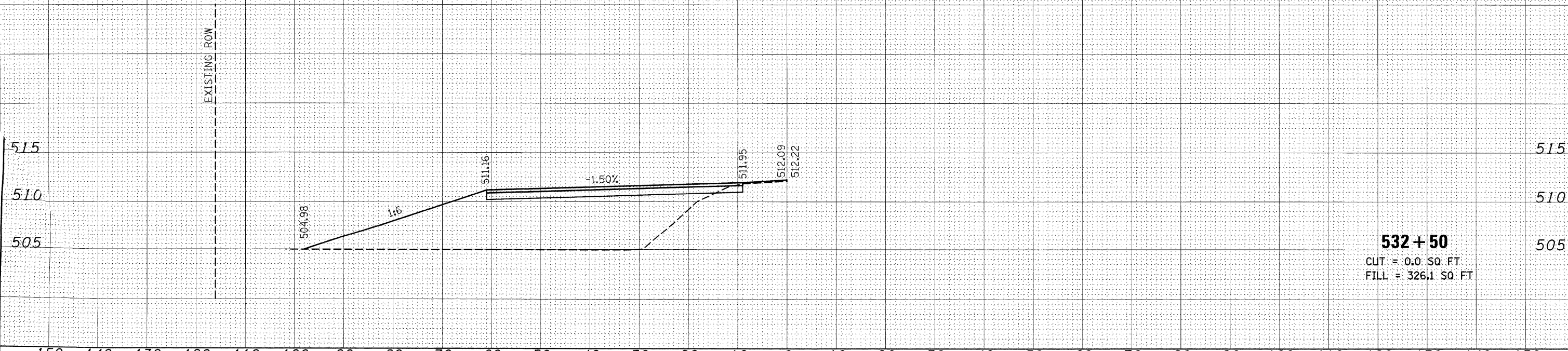
CROSS SECTIONS	
SCALE: 1:50(H),1:100(V)	SHEET NO. 7 OF 7 SHEETS
STA. 25+00 TO STA. 25+15	

DR&SBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-I	WASHINGTON	63	57
CONTRACT NO. 76132				
[ILLINOIS] FED. AID PROJECT				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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



532+50
 CUT = 0.0 SQ. FT.
 FILL = 326.1 SQ. FT.

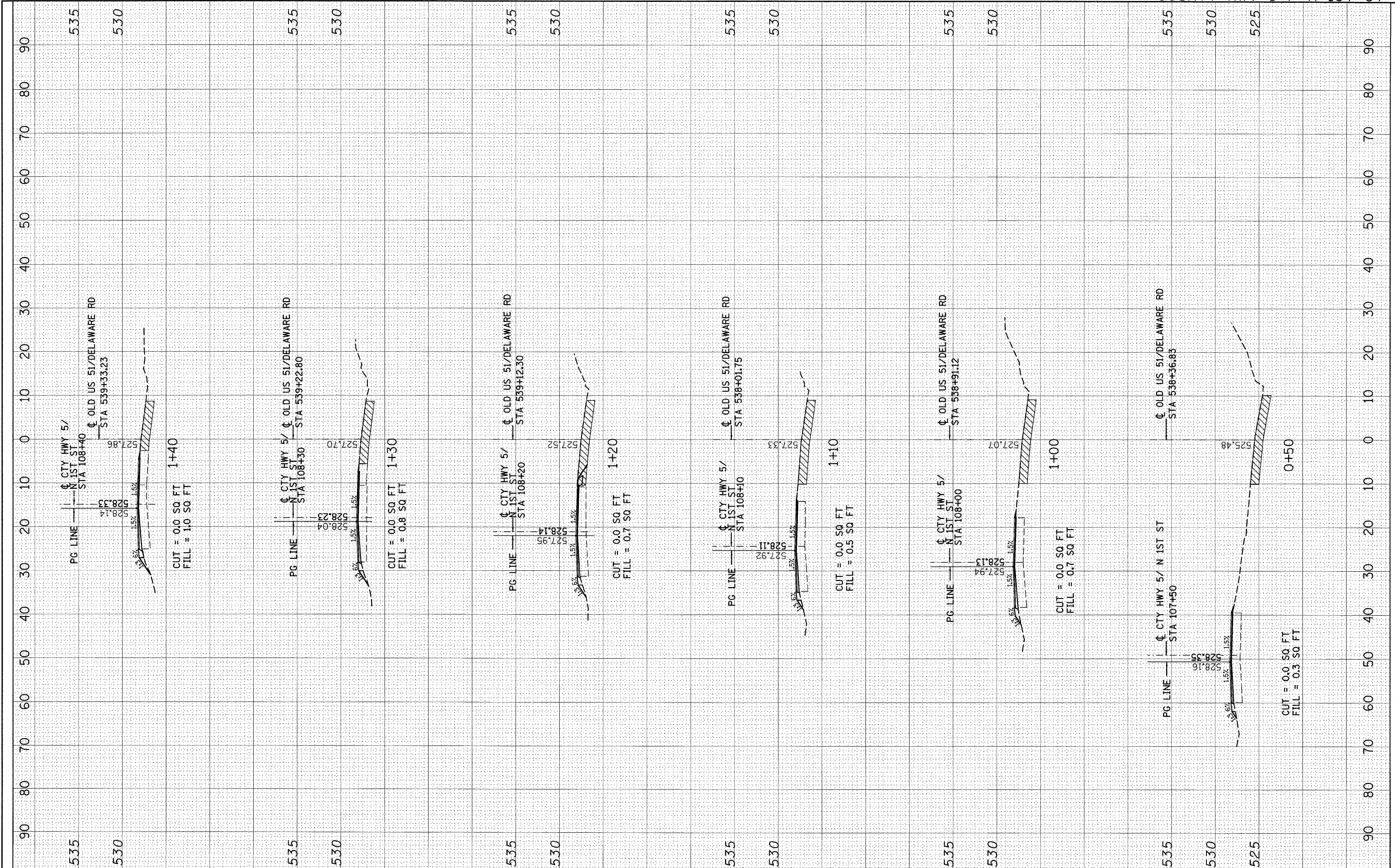
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c:\pwork\pwork\THARPRL\dms52424\ad876132-sh-Turnaround.dgn	DRAWN - R. THARP	REVISED -	322&2			95-AC & 328-I	WASHINGTON	63	58	
PLOT SCALE = 10.0000' / IN.	CHECKED - A. MUEHLFELD	REVISED -	CONTRACT NO. 76132							
PLOT DATE = 1/7/2010	DATE - 12/8/2009	REVISED -	ILLINOIS FED. AID PROJECT							

SCALE: 1:50(H),1:100(V) SHEET NO. 1 OF 1 SHEETS STA. 532+50 TO STA. 532+50

Rev

FINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
DATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
DATE		
AREAS CHECKED		
NO.		



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USER NAME = tharp1
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 12/18/2009

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

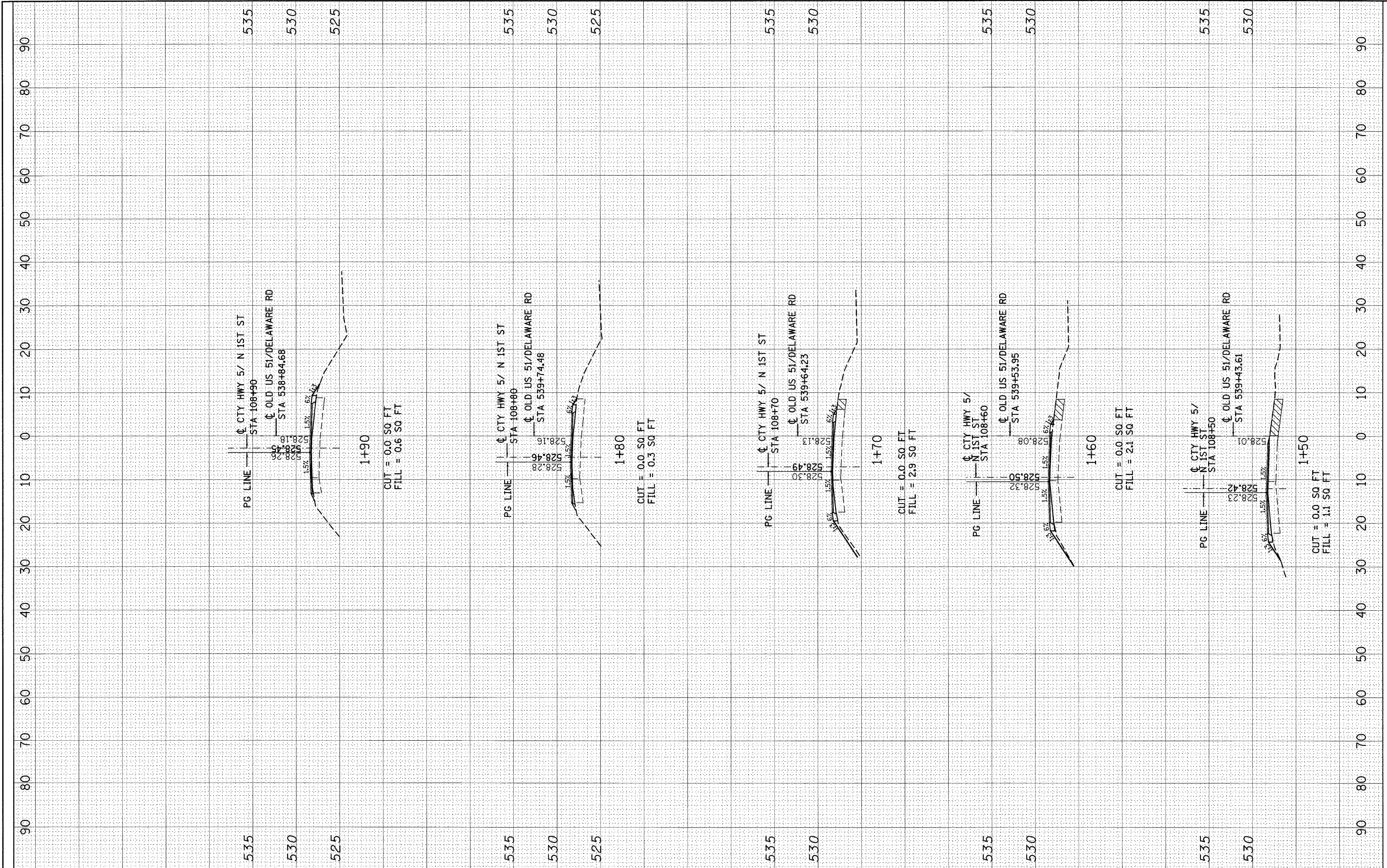
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 1 OF 5 SHEETS STA. 0+50 TO STA. 1+40

DR&SBI RTE. 322&2	SECTION 95-AC & 32B-1	COUNTY WASHINGTON	TOTAL SHEETS 63	SHEET NO. 59
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
AREAS CHECKED		
NO.		



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USER NAME = tharp1
 PLOT SCALE = 10.0000 ' / IN.
 PLOT DATE = 12/10/2009

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

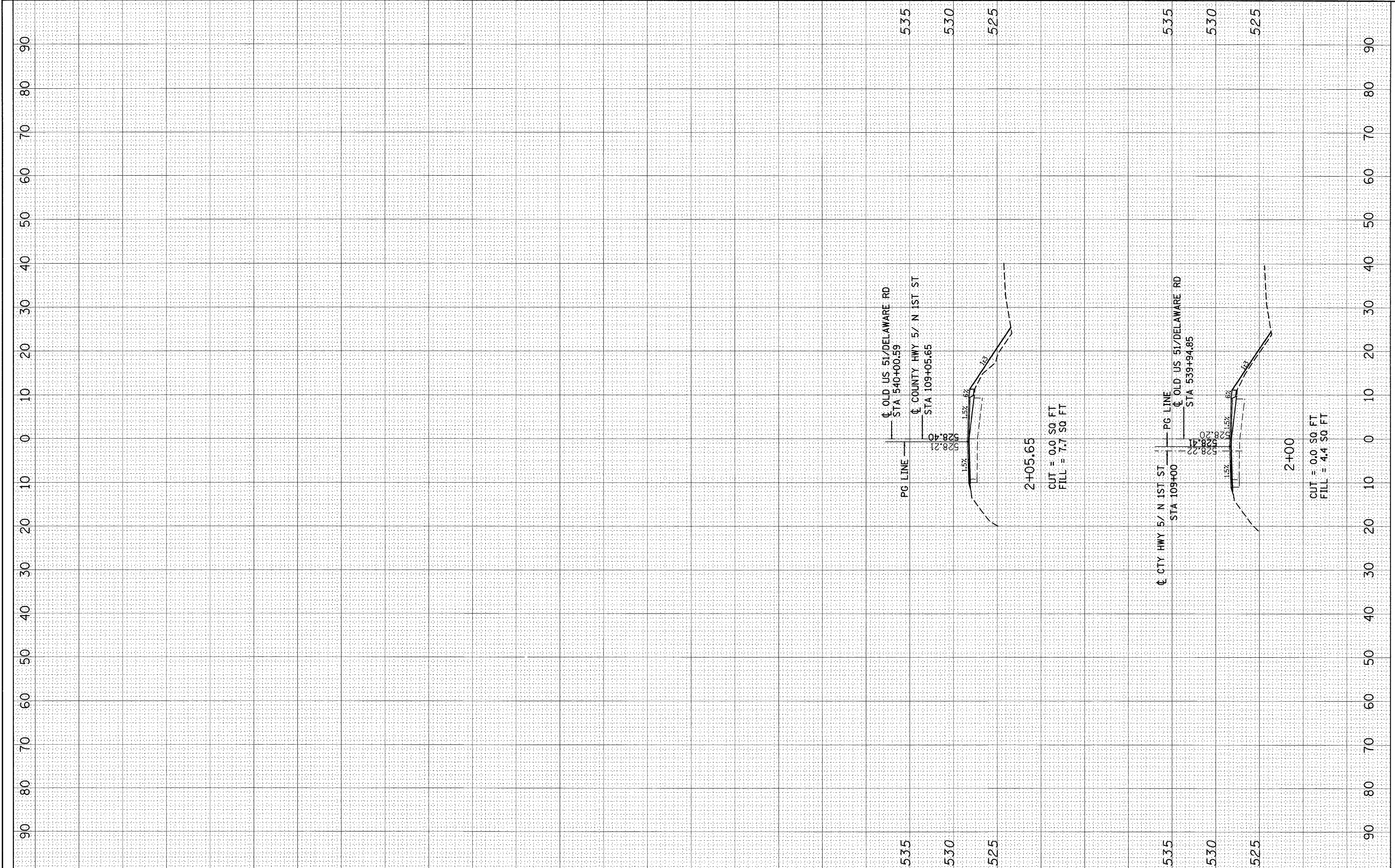
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 2 OF 5 SHEETS STA. 1+50 TO STA. 1+90

DR&SBI RTE. 322&2	SECTION 95-AC & 32B-I	COUNTY WASHINGTON	TOTAL SHEETS 63	SHEET NO. 60
CONTRACT NO. 76132			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
NO.		



FILE NAME = c:\p_wor\k\p\dot\tharp\1\dms52424\d876132-shht-N 1ST ST.dgn

USER NAME = tharp-1
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 12/10/2009

DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

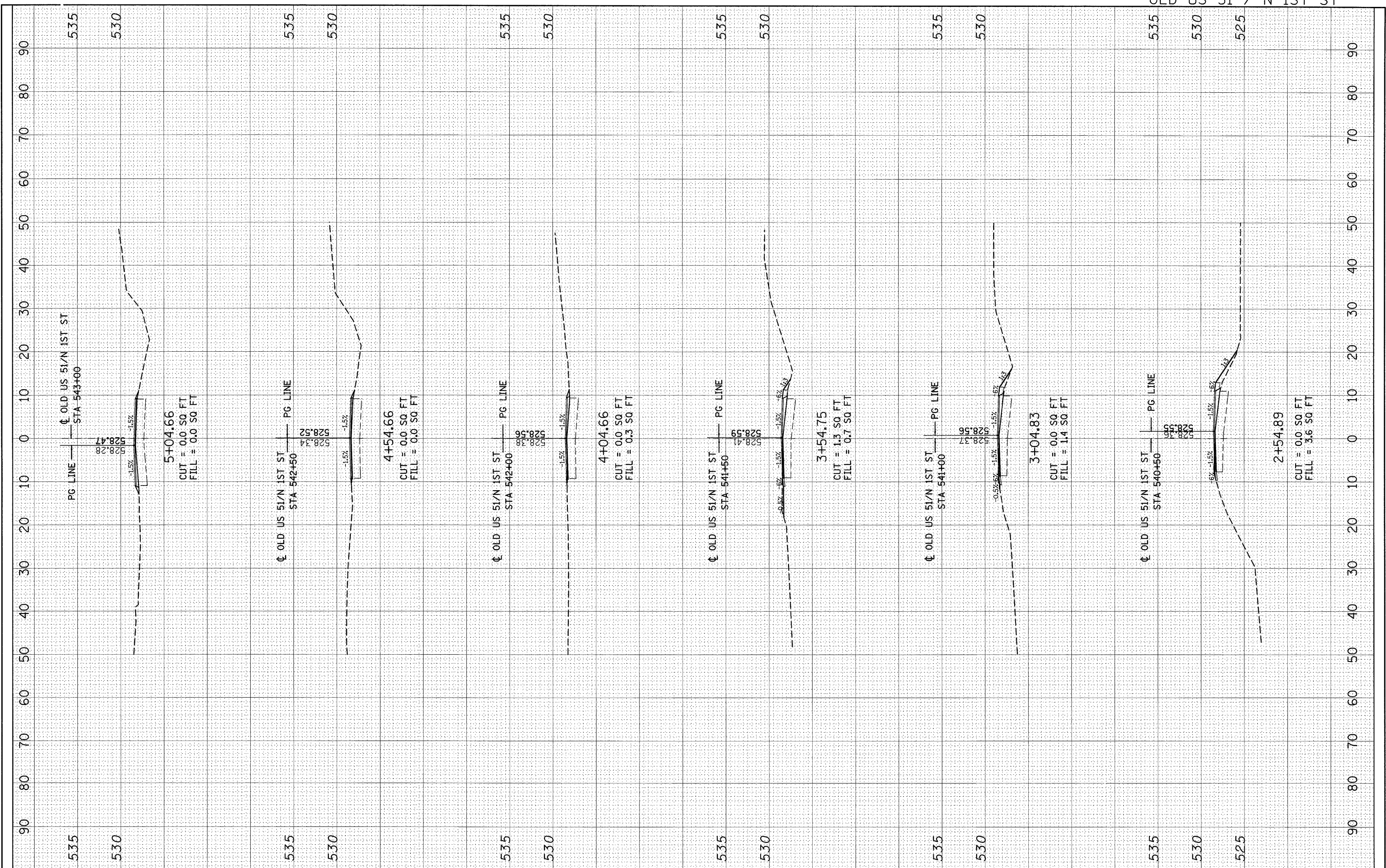
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 3 OF 5 SHEETS STA. 2+00 TO STA. 2+05.65

DR&SBI RTE. 322&2	SECTION 95-AC & 32B-I	COUNTY WASHINGTON	TOTAL SHEETS 63	SHEET NO. 61
CONTRACT NO. 76132			[ILLINOIS] FED. AID PROJECT	

FINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
TEMPERATURE		
AREAS		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
NOTED		
TEMPERATURE		
AREAS		
AREAS CHECKED		
NO.		



FILE NAME = c:\pw_work\pw\dot\tharp1\dms52424\d876132-shht-N 1ST ST.dgn

USER NAME = tharp1
 DESIGNED - R. THARP
 DRAWN - R. THARP
 CHECKED - A. MUEHLFELD
 DATE - 12/8/2009

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

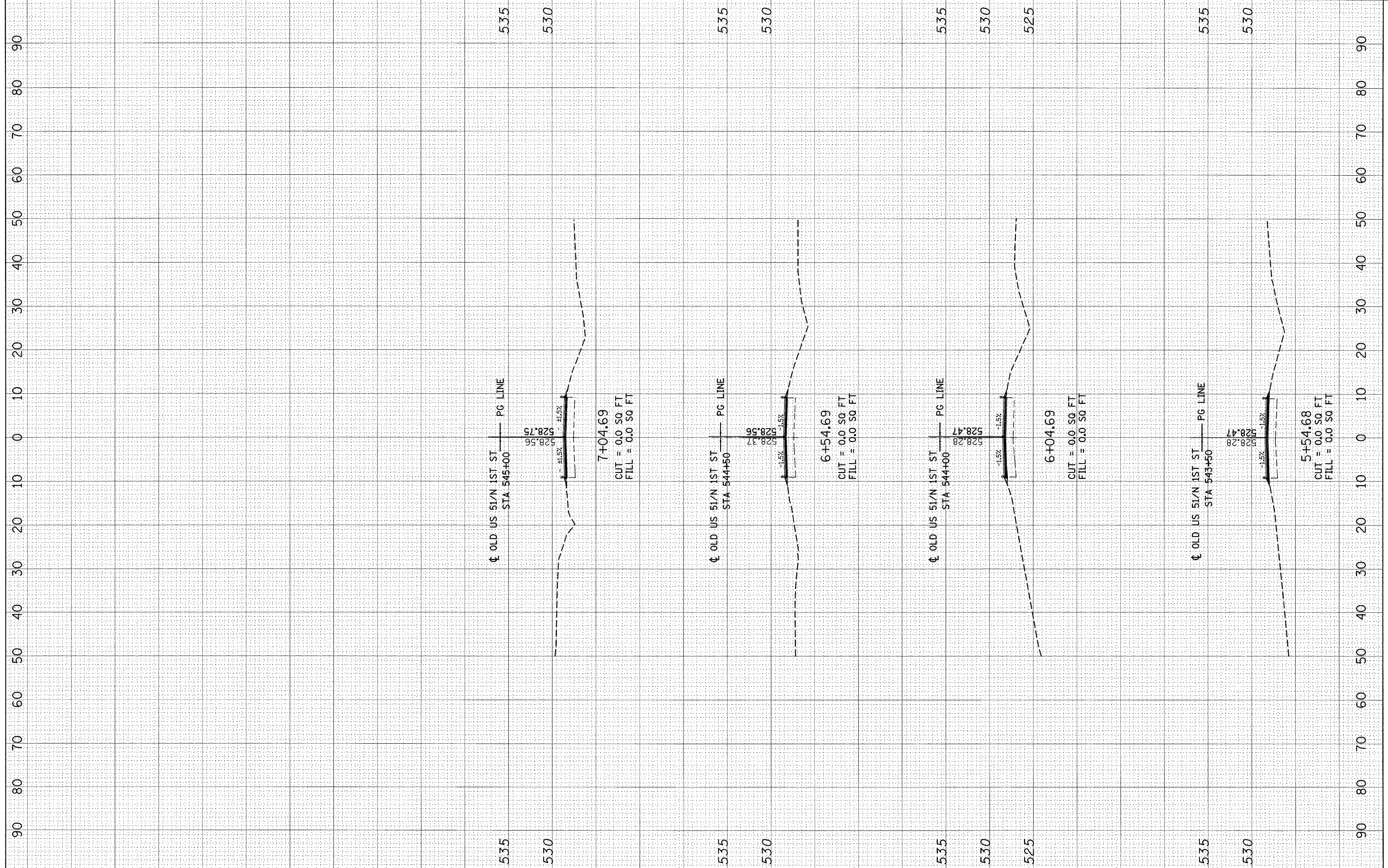
CROSS SECTIONS

SCALE: 1:50(H), 1:100(V) SHEET NO. 4 OF 5 SHEETS STA. 2+04.95 TO STA. 5+04.66

DR&S/RT	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322&2	95-AC & 32B-I	WASHINGTON	63	62
CONTRACT NO. 76132				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
NO. _____		
NOTE BOOK		
NO. _____		
AREAS CHECKED		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NO. _____		
NOTE BOOK		
NO. _____		
AREAS CHECKED		
AREAS CHECKED		



FILE NAME =	USER NAME = tharp1	DESIGNED - R. THARP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS		DR&SBI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pwsdot\tharp1\dms52424\d876132-shv\ssht_N 1ST ST.dgn		DRAWN - R. THARP	REVISED -		322&2	95-AC & 32B-I	WASHINGTON	63	63		
PLOT SCALE = 10.00000' / IN.		CHECKED - A. MUEHLFELD	REVISED -		SCALE: 1:50(H),1:100(V) SHEET NO. 5 OF 5 SHEETS		STA. 5+54.68 TO STA. 7+04.69		CONTRACT NO. 76132		
PLOT DATE = 12/18/2009		DATE - 12/8/2009	REVISED -		ILLINOIS FED. AID PROJECT						