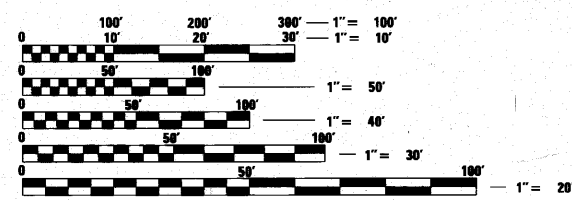


1-21-11 LETTING ITEM 158

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA
US ROUTE 20
2007 ADT = 22,500
SPEED LIMIT = 45 MPH

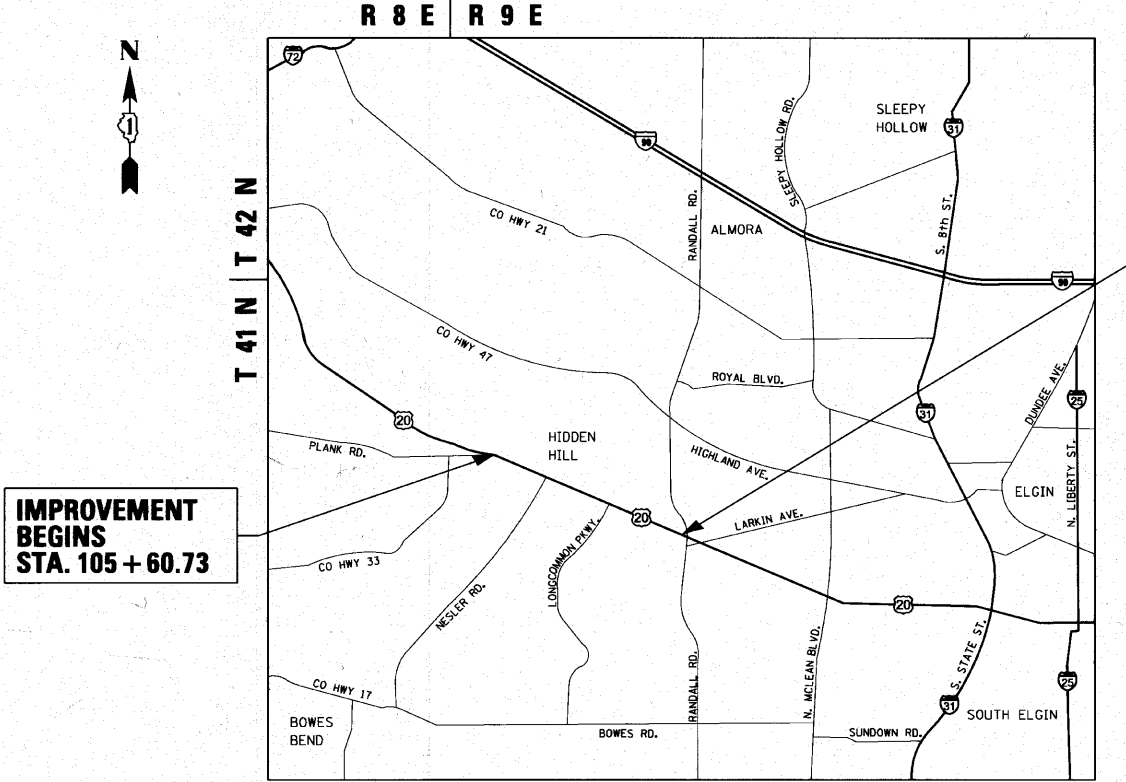


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO. 62529

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**
F.A.P. 345 (US ROUTE 20)
SECTION: 8WRS-2
EAST OF PLANK ROAD TO WELD ROAD
RESURFACING, WIDENING & RESURFACING,
TRAFFIC SIGNAL INTERCONNECTION
PROJECT: NHF-CMF-0345(053)
KANE COUNTY
C-91-334-02



SCALE: NTS
ELGIN TOWNSHIP
GROSS LENGTH OF PROJECT = 6,429.71 FT = 1.22 MILES
NET LENGTH OF PROJECT = 6,429.71 FT = 1.22 MILES

MILLENNIA PROFESSIONAL SERVICES
THOMAS V. NGO, P.E.
062-058379
DATE: 10/26/10
SIGNATURE AND SEAL APPLIES TO DRWG.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72*	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 62529	
D-91-334-02		* 72 + 11 = 83		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED OCTOBER 29 2010

DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 10 2010

Acting ENGINEER OF DESIGN AND ENVIRONMENT
December 10 2010

DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

200 22ND Street, Suite 216, Lombard, IL 60148
630.705.0110 voice, 630.839.2566 fax
www.mps-il.com
MILLENNIA PROFESSIONAL SERVICES

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DISTRICT ONE - PLAN PREP ENGINEER: KEN ENG (847) 705-4247

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CHECKED -	RPD	REVISED -	
DATE -	11/2/2010	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

INDEX OF SHEETS, LIST OF IDOT
HIGHWAY STANDARD, GENERAL NOTES,
AND COMMITMENTS

SCALE: N/A	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	2
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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- 280001

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- 701201

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- 701301

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- 701306

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FOR SPEEDS >= 45 MPH
- 701311

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- 701336

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- 701901

TRAFFIC CONTROL DEVICES
- 780001

TYPICAL PAVEMENT MARKINGS

COMMITMENTS

NO COMMITMENTS FOR THIS PROJECT

GENERAL NOTES

1.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES, CITY OF ELGIN.
- 3

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 4

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 5

ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE. NO ADDITIONAL COST TO THE DEPARTMENT.
- 6

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCES, ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- 7

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 8

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- 9

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 10

THE ENGINEER SHALL CONTACT DON CHIARUGI, THE TRAFFIC FIELD ENGINEER AT (847) 741-9857 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 11

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 12

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 13

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN ON THE PLANS.
- 14

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V+H).
- 15

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.
- 16

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE, TYPE III AND IT'S REMOVAL SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKING.
- 17

THE CONTRACTOR SHALL PLACE PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT 1 TYPICAL PAVEMENT MARKINGS DETAIL (TC-13).
- 18

THE RESIDENT ENGINEER AND CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT MARKING PRIOR TO THE PROJECT STARTING. IF A DISCREPANCIES OCCURS BETWEEN EXISTING PAVEMENT MARKINGS AND THE PROPOSED PAVEMENT MARKINGS, THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF TRAFFIC OPERATIONS.

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CHECKED -	RPD	REVISED -	
DATE -	11/2/2010	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	3
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				CONTRACT NO. 62529

NTS

URBAN
80% FED.
20% STATE

LOSE
NHF

Q40
CMF

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY	US RTE 20@ PLANK/COOMBS	US RTE 20@ NESTLER RD	INTERCONNECT
				1000-2A	Y031-1F	Y031-1F	Y031-1F
				QUANTITY	QUANTITY	QUANTITY	QUANTITY
20101000	TEMPORARY FENCE	FOOT	4384	4384	-	-	-
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	162	162	-	-	-
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	162	162	-	-	-
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	162	162	-	-	-
20200100	EARTH EXCAVATION	CU YD	631	631	-	-	-
20201006	GRADING AND SHAPING SHOULDERS	UNIT	73.1	73.1	-	-	-
20800150	TRENCH BACKFILL	CU YD	46.2	46.2	-	-	-
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	8627	8627	-	-	-
25000210	SEEDING, CLASS 2A	ACRE	1.8	1.8	-	-	-
25100630	EROSION CONTROL BLANKET	SQ YD	8626	8626	-	-	-
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	540	540	-	-	-
28000305	TEMPORARY DITCH CHECKS	FOOT	374	374	-	-	-
28000400	PERIMETER EROSION BARRIER	FOOT	1084	1084	-	-	-
28000500	INLET AND PIPE PROTECTION	EACH	6	6	-	-	-
28001000	AGGREGATE (EROSION CONTROL)	TON	104	104	-	-	-
28200200	FILTER FABRIC	SQ YD	155	155	-	-	-
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	105	105	-	-	-
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	32	32	-	-	-
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	74	74	-	-	-
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	14.7	14.7	-	-	-
40600300	AGGREGATE (PRIME COAT)	TON	72.8	72.8	-	-	-
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	55	55	-	-	-
X4060826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1607	1607	-	-	-
40600895	CONSTRUCTING TEST STRIP	EACH	2	2	-	-	-
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	258.9	258.9	-	-	-
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1090	1090	-	-	-
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	15.7	15.7	-	-	-
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	3750	3750	-	-	-
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	36389	36389	-	-	-
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	184	184	-	-	-
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	200	200	-	-	-
44004250	PAVED SHOULDER REMOVAL	SQ YD	1586	1586	-	-	-

URBAN
80% FED.
20% STATE

LOSE
NHF

Q40
CMF

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY	US RTE 20@ PLANK/COOMBS	US RTE 20@ NESTLER RD	INTERCONNECT
				1000-2A	Y031-1F	Y031-1F	Y031-1F
				QUANTITY	QUANTITY	QUANTITY	QUANTITY
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SQ YD	50	50	-	-	-
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	200	200	-	-	-
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	200	200	-	-	-
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	280	280	-	-	-
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1441	1441	-	-	-
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	292.3	292.3	-	-	-
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1702	1702	-	-	-
50105220	PIPE CULVERT REMOVAL	FOOT	116	116	-	-	-
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	9	9	-	-	-
54214731	PRECAST REINFORCED CONCRETE FLARED END SECTIONS-ELLIPTICAL, EQUIVALENT ROUND-SIZE 36"	EACH	6	6	-	-	-
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	6	6	-	-	-
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	2	-	-	-
63200310	GUARDRAIL REMOVAL	FOOT	366	366	-	-	-
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7	-	-	-
67100100	MOBILIZATION	L SUM	1	1	-	-	-
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	-	-	-
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	-	-	-
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	-	-	-
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	-	-	-
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	5	5	-	-	-
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3657	3657	-	-	-
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2420	2420	-	-	-
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	68832	68832	-	-	-
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	9301	9301	-	-	-
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1250	1250	-	-	-
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	309	309	-	-	-
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	610	610	-	-	-
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1092	1092	-	-	-
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	34416	34416	-	-	-
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4651	4651	-	-	-
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	625	625	-	-	-

SPECIALTY ITEM

FILE NAME = P:\2009\MEP9006-Var\Var-Phil\CAD\DWG\US20\Shs\03-500sht-ent-US20.dgn
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DRAWN	TVN	REVISED	-
CHECKED	RPD	REVISED	-
DATE	11/2/2010	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	4
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

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• SPECIALTY ITEM

• NON-PARTICIPATING

URBAN
80% FED.
20% STATE

LOSE
NHF

Q40
CMF

SUMMARY OF QUANTITIES			TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY	US RTE 20@ PLANK/COOMBS	US RTE 20@ NESTLER RD	INTERCONNECT
				1000-2A	Y031-1F	Y031-1F	Y031-1F
				QUANTITY	QUANTITY	QUANTITY	QUANTITY
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	155	155	-	-	-
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	580	580	-	-	-
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	580	580	-	-	-
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2615	-	-	-	2615
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	220	-	-	-	220
81400100	HANDHOLE	EACH	2	-	-	-	2
81400200	HEAVY-DUTY HANDHOLE	EACH	5	-	-	-	5
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2615	-	-	-	2615
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	-	1	1	-
85700205	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	-	-	1	-
86000100	MASTER CONTROLLER	EACH	1	-	-	-	1
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1	-	1	-	-
86400100	TRANSCEIVER - FIBER OPTIC	EACH	2	-	1	1	-
87900200	DRILL EXISTING HANDHOLE	EACH	3	-	-	1	2
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9	-	4	5	-
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6	-	3	3	-
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	-	-	1	-
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5	-	4	1	-
88030240	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1	-	1	-	-
88500100	INDUCTIVE LOOP DETECTOR	EACH	5	-	-	5	-
88600600	DETECTOR LOOP REPLACEMENT	FOOT	376	-	-	376	-
89501410	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1	-	-	1	-
542A1060	PIPE CULVERTS, CLASS A, TYPE 2 15"	FOOT	136	136	-	-	-
542A8221	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"	FOOT	206	206	-	-	-
Z0030850	TEMPORARY INFORMATION SIGNING	50 FT	78	78	-	-	-
Z0033090	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3639	-	-	-	3639
Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1	-	-	-	1
X0976500	END SECTIONS TO BE REMOVED	EACH	5	5	-	-	-
X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	2	-	1	1	-
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3639	-	-	-	3639
X8950305	REMOVE EXISTING SIGNAL HEAD	EACH	22	-	12	10	-

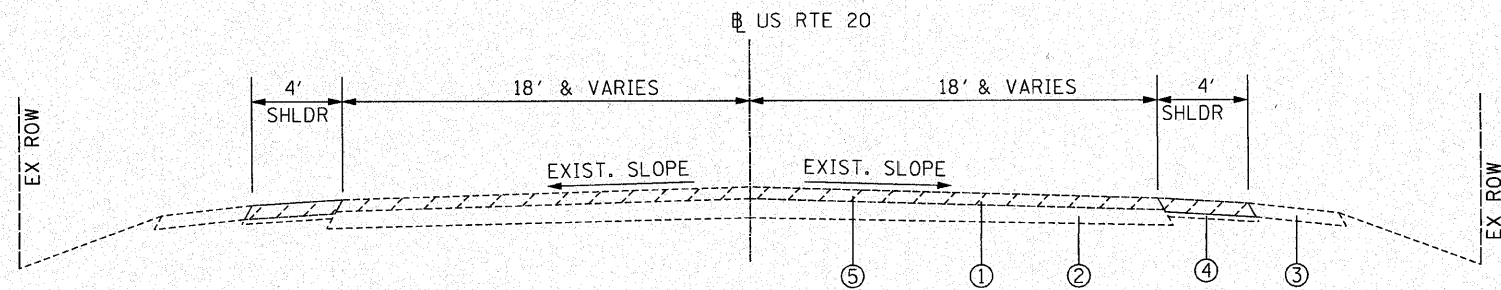
URBAN
80% FED.
20% STATE

LOSE
NHF

Q40
CMF

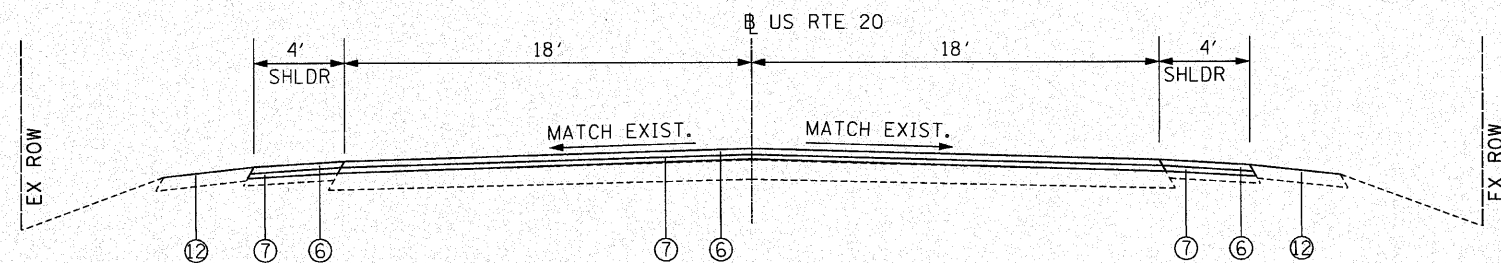
SUMMARY OF QUANTITIES			TOTAL QUANTITY	CONSTRUCTION TYPE CODE			
				ROADWAY	US RTE 20@ PLANK/COOMBS	US RTE 20@ NESTLER RD	INTERCONNECT
				1000-2A	Y031-1F	Y031-1F	Y031-1F
				QUANTITY	QUANTITY	QUANTITY	QUANTITY
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	1610	1610	-	-	-
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	-	-	-
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	4	4	-	-	-

FILE NAME: P:\2009\ME09086_V01\Var_Phil CAD\DWG\US20_Shts\05-TYP-shr-US20.dgn
DATE: 4/21/2010
USER: NAME: Millennium Professional Services



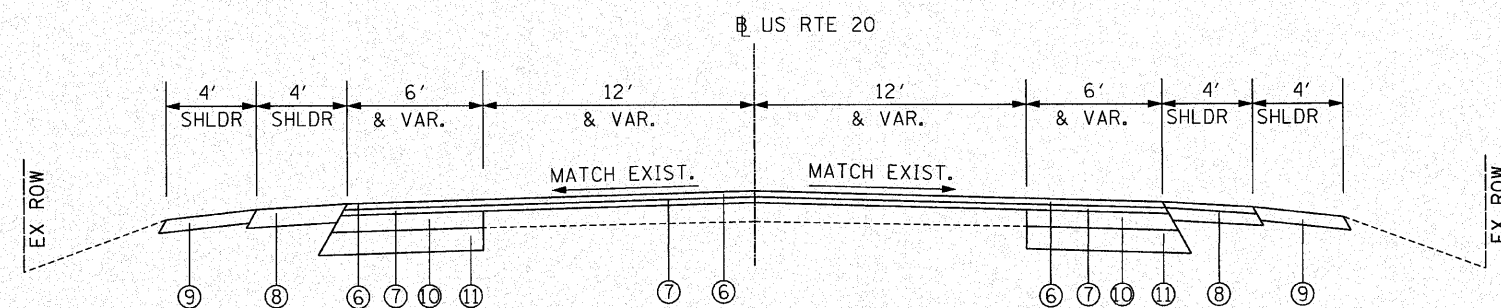
EXISTING TYPICAL SECTION

US ROUTE 20
STA. 105+60 TO STA. 169+90



PROPOSED TYPICAL SECTION

US ROUTE 20
STA. 105+60 TO STA. 142+77 LT
STA. 105+60 TO STA. 143+38 RT
STA. 156+52 TO STA. 169+90 RT
STA. 160+44 TO STA. 169+90 LT
NESLER ROAD
STA. 31+88 TO STA. 38+00



PROPOSED TYPICAL SECTION

US ROUTE 20
STA. 142+77 TO STA. 160+40 LT
STA. 143+38 TO STA. 156+52 RT

LEGEND

- ① EXISTING +/-4" HMA SURFACE
- ② EXISTING +/-12" HMA BASE
- ③ EXISTING AGGREGATE SHOULDER +/- 6"
- ④ EXISTING HMA SHOULDER 8"
- ⑤ HMA SURFACE REMOVAL - 2 1/2" (SEE NOTE 1)
- ⑥ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 -1 3/4"
- ⑦ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -3/4"
- ⑧ HOT-MIX ASPHALT SHOULDER, 8"
- ⑨ AGGREGATE SHOULDER, TYPE B, 6"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 12" (IN 3 LIFTS)
- ⑪ AGGREGATE SUBGRADE, 12"
- ⑫ GRADING AND SHAPING SHOULDERS & AGGREGATE WEDGE SHOULDER, TYPE B

NOTES

1. THE CONTRACTOR SHALL PERFORM THE HMA SURFACE REMOVAL OPERATION PRIOR TO THE PAVEMENT PATCHING OPERATIONS. SEE IDOT DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT BD-400-04 (BD-22) FOR ADDITIONAL INFORMATION.

HMA MIXTURES REQUIREMENT	
MIXTURE TYPE	VOIDS
PAVEMENT RESURFACING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM)	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
PAVEMENT WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM)	4% @ 90 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50 (IL 9.5 MM); 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 MM); PE-6", CE-8"	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR.

- MIXTURE NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HOT MIX ASPHALT THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



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MILLENNIA PROFESSIONAL SERVICES

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 4/21/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

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

TYPICAL SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	5
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME : P:\2009\ME09006_Ver-Var-Phil\CADD\W05_US20\Shets\06-Schedule-sht-US20.dgn
PLOT SCALE : 1/8000 / IN.
USER NAME : Millennium Professional Services

20101000 TEMPORARY FENCE				

STATION	OFFSET	-	STATION	OFFSET FT

MAINLINE				
141+66.0	46.6 LT		144+98.5	48.0 LT 332.40
145+20.4	48.0 LT		145+96.9	48.0 LT 76.60
146+32.5	48.0 LT		149+56.1	48.0 LT 323.60
150+68.9	68.0 LT		150+68.8	48.0 LT 20.00
150+68.8	48.0 LT		151+25.4	48.0 LT 56.60
151+57.2	48.0 LT		152+13.9	48.0 LT 56.70
152+33.5	48.0 LT		153+37.9	48.0 LT 104.40
153+69.7	48.0 LT		163+38.9	48.0 LT 969.10
163+38.9	48.0 LT		163+62.3	72.9 LT 34.20
140+54.1	45.0 RT		162+37.8	45.0 RT 2,183.60
162+37.8	45.0 RT		163+65.9	178.8 RT 185.20
=====				
TOTAL = 4,342.4				

20201006 GRADING AND SHAPING SHOULDERS				

STATION	OFFSET	-	STATION	OFFSET UNIT

RIGHT				
99+24.1	24.9 RT		100+03.8	24.0 RT 0.80
100+38.0	23.6 RT		102+76.1	20.2 RT 2.38
103+07.2	22.8 RT		113+63.5	36.0 RT 10.56
116+53.6	24.7 RT		120+79.5	25.2 RT 4.26
121+04.6	26.5 RT		128+57.5	26.5 RT 7.53
128+87.2	26.0 RT		129+79.6	26.4 RT 0.93
137+09.7	30.2 RT		139+40.9	27.5 RT 2.31
165+12.9	26.1 RT		168+45.4	28.1 RT 3.33
LEFT				
99+06.5	24.0 LT		99+32.1	23.5 LT 0.26
101+91.4	20.2 LT		103+43.2	20.1 LT 1.52
104+33.9	19.8 LT		105+00.6	21.3 LT 0.67
105+52.3	19.4 LT		114+74.6	23.4 LT 9.22
116+66.2	36.7 LT		122+68.1	24.1 LT 6.02
124+11.2	26.7 LT		125+87.3	25.8 LT 1.76
127+27.4	25.8 LT		136+00.5	29.5 LT 8.73
136+36.3	28.3 LT		141+44.7	22.7 LT 5.09
164+74.6	35.5 LT		169+94.9	27.5 LT 5.20
NESLER ROAD				
35+03.7	32.0 RT		37+55.0	36.5 RT 2.51
=====				
TOTAL = 73.1				

20800150 TRENCH BACKFILL				

STATION	AREA (SF)	-	STATION	AREA (SF) CU. YD.

144+85.3	0.0	-	145+30.8	0.0 2.9
145+95.4	0.0	-	146+32.8	0.0 0.8
152+16.1	0.0	-	152+29.4	0.0 1.6
153+35.4	0.0	-	153+74.7	0.0 3.8
153+74.7	0.0	-	153+98.2	0.0 37.1
=====				
TOTAL = 46.2				

25000210 SEEDING, CLASS 2A				

STATION	WIDTH(FT)	-	STATION	WIDTH(FT) ACRE

FROM 25100630 EROSION CONTROL BLANKET				
1 ACRE = 4840 SQ YDS				
8,625.550 YD				
1.78				
=====				
TOTAL = 1.78				

25100630 EROSION CONTROL BLANKET				

STATION	OFFSET	-	STATION	OFFSET SQ YD

141+65.9	LEFT	-	145+03.7	LEFT 394.2
143+00.0	LEFT	-	145+03.7	LEFT 589.6
145+15.0	LEFT	-	146+01.8	LEFT 241.5
146+27.6	LEFT	-	149+93.9	LEFT 924.7
150+37.4	LEFT	-	151+34.2	LEFT 199.4
151+46.6	LEFT	-	152+19.0	LEFT 117.9
152+27.8	LEFT	-	153+42.9	LEFT 189.8
153+65.6	LEFT	-	158+00.0	LEFT 1,053.6
158+00.0	LEFT	-	160+44.6	LEFT 625.2
140+45.3	RIGHT	-	143+00.0	RIGHT 604.6
143+00.0	RIGHT	-	158+00.0	RIGHT 3,354.5
158+00.0	RIGHT	-	160+44.7	RIGHT 330.6

140+45.3	RIGHT	-	143+00.0	RIGHT 604.6
143+00.0	RIGHT	-	158+00.0	RIGHT 3,354.5
158+00.0	RIGHT	-	160+44.7	RIGHT 330.6

TOTAL = 8,625.5				
28000305 TEMPORARY DITCH CHECK (FEET)				

STATION	OFFSET	-	STATION	OFFSET EACH

143+00.0	LEFT		158+00.0	LEFT 16
143+00.0	RIGHT		158+00.0	RIGHT 15
158+00.0	LEFT		170+00.0	LEFT 3
=====				
TOTAL = 34				
AVERAGE LENGTH OF DITCH = 11FT				
AREA = NO. OF DITCH CHECKS X AVG LENGTH				
TOTAL(FEET)= 374				

28000400 PERIMETER EROSION BARRIER				

STATION	OFFSET	-	STATION	OFFSET FT

141+83.3	24.7 LT		142+01.1	43.4 LT 25.80
142+01.1	43.4 LT		143+66.5	44.0 LT 165.40
146+29.4	43.3 LT		147+83.9	45.0 LT 154.50
149+56.1	48.0 LT		149+88.5	68.2 LT 40.22
150+37.4	66.1 LT		150+65.9	66.0 LT 28.50
150+65.9	66.0 LT		150+65.8	45.0 LT 21.00
150+65.8	45.0 LT		151+31.1	45.0 LT 65.30
140+87.6	29.4 RT		140+93.2	41.0 RT 12.90
140+93.2	41.0 RT		144+00.0	41.0 RT 306.80
145+46.7	34.8 RT		145+64.4	42.0 RT 19.10
145+64.4	42.0 RT		147+89.3	42.0 RT 224.90
147+89.3	42.0 RT		148+07.4	36.8 RT 18.80
=====				
TOTAL = 1,083.2				

28000500 INLET AND PIPE PROTECTION				

STATION	OFFSET	-	STATION	OFFSET EACH

144+77.5	32.8 LT			1
145+88.3	36.2 LT			1
151+97.3	41.1 LT			1
153+19.7	42.8 LT			1
153+98.5	34.5 RT			1
163+37.0	33.5 LT			1
=====				
TOTAL = 6				

35501308 HOT-MIX ASPHALT BASE COURSE, 6"				

STATION	OFFSET	-	STATION	OFFSET SQ YD

145+08.6	LEFT			22.8
146+12.6	LEFT			48.3
151+39.3	LEFT			22.1
152+23.1	LEFT			11.9
=====				
TOTAL = 105.0				

35501316 HOT-MIX ASPHALT BASE COURSE, 8"				

STATION	OFFSET	-	STATION	OFFSET SQ YD

COMMERCIAL ENTRANCE DRIVEWAYS				
153+54.2	LEFT			31.3
=====				
TOTAL = 31.3				

40600200 BITUMINOUS MATERIALS (PRIME COAT)				

STATION	WIDTH(FT)	-	STATION	WIDTH(FT) TONS

0.0004 TONS/SY = 0.80 LBS/SY				
FROM HMA REMOVAL 36,389.0SQ YD 14,556				
FROM HMA SURF REM BUTT 258.9SQ YD 0.104				
=====				
14.66				

40600300 AGGREGATE (PRIME COAT)		

STATION	WIDTH(FT)	- STATION WIDTH(FT) TONS

4.00lbs/SY 2000.0lbs/TON		
FROM HMA REMOVAL 36,389.0SQ YD 72.78		
FROM HMA S REM BUTT J 258.9SQ YD 0.52		
=====		
72.78		

40600400 MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS		

STATION	WIDTH(FT)	- STATION WIDTH(FT) TONS

0.0015TON/SY		
MAINLINE (US ROUTE 20)		
FROM HMA REMOVAL 36,389.0SQ YD 54.6		
FROM HMA S REM BUTT JT 258.9SQ YD 0.4		
=====		
TOTAL = 55.0		

40600826 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50		

STATION	WIDTH(FT)	- STATION WIDTH(FT) TONS

112.0lbs/SY/in 2000.0lbs/TON		
0.75Thickness		
FROM AGGREGATE SUBGRADE 12 1,609.8SQ YD 67.6		
FROM HMA REMOVAL 36,389.0SQ YD 1,528.3		
FROM HMA SURF REM BUTT JT 258.9SQ YD 10.9		
=====		
TOTAL = 1,606.8		

40600895 CONSTRUCTING TEST STRIP		

NUMBER	-	EACH

CONSTRUCTING TEST STRIP		
2		
=====		
TOTAL = 2		

40600982 HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT		

STATION	WIDTH(FT)	- STATION WIDTH(FT) SQ YD

99+06.5	0.0	- 99+11.0 0.0 19.8
115+27.3	0.0	- 115+57.2 0.0 14.2
115+69.4	0.0	- 116+07.0 0.0 17.4
123+19.2	0.0	- 123+34.2 0.0 7.1
123+46.1	0.0	- 123+61.7 0.0 7.2
126+24.8	0.0	- 126+35.7 0.0 7.6
126+78.2	0.0	- 126+89.7 0.0 7.8
149+98.7	0.0	- 150+33.4 0.0 17.3
163+31.0	0.0	- 164+17.9 0.0 37.8
163+58.6	0.0	- 164+74.6 0.0 50.3
164+47.5	0.0	- 165+14.5 0.0 25.1
169+90.4	0.0	- 169+94.9 0.0 9.4
169+90.4	0.0	- 169+94.9 0.0 15.2
NESLER		
35+03.7	0.0	- 35+08.1 0.0 22.6
=====		
TOTAL = 258.9		

40603085 HOT-MIX ASPHALT BINDER COURSE, IL-19, N70		

STATION	WIDTH(FT)	- STATION WIDTH(FT) TONS

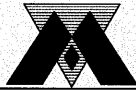
112.0lbs/SY/in 2000.0lbs/TON		
12.0Thickness		
FROM AGGREGATE SUBGRADE 12 1,609.8SQ YD 1,090.0		
=====		
TOTAL = 1,090.0		

40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50				

STATION	OFFSET	-	STATION	OFFSET TONS

	115.01bs/SY/in		2000.01bs/TON	
	2.0Thickness			
FROM 35501308	HOT-MIX ASPHALT BASE COURSE, 6"			
		105.05Q YD		12.1
FROM 35501316	HOT-MIX ASPHALT BASE COURSE, 8"			
		31.35Q YD		3.6
=====				
TOTAL =				15.7

FILE NAME : P:\2009\ME\0008_Ver-Ver-Phil\CADD\W05_US20\Shs\06-Schedule-sht-US20.dgn
PLOT SCALE : 1/8000
USER NAME : Millennium Professional Services



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MILLENNIA PROFESSIONAL SERVICES

DESIGNED	TVN	REVISED	-
DRAWN	TVN	REVISED	-
CHECKED	RPD	REVISED	-
DATE	4/9/2010	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

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

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	7
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

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44004250 PAVED SHOULDER REMOVAL

STATION WIDTH(FT) - STATION WIDTH(FT) SO YD

LEFT					
150+63.1	9.0	-	160+44.6	9.0	988.7
RIGHT					
148+87.0	6.0	-	157+81.1	6.0	597.0
TOTAL =					988.7

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

STATION WIDTH(FT) - STATION WIDTH(FT) TONS

4.0 TONS*UNIT					
FROM GRADING & SHAP SHLDS			73.1 UNIT		292.3
TOTAL =					292.3

48101500 AGGREGATE SHOULDER, TYPE B 6"

STATION WIDTH(FT) - STATION WIDTH(FT) SO YD

US RTE 20					
LEFT					
141+75.7	4.0	-	145+00.4	4.0	144.3
145+14.7	4.0	-	146+02.6	4.0	39.1
146+26.4	4.0	-	149+48.9	4.0	143.3
149+48.9	4.0	-	149+94.9	1.0	29.2
155+16.8	0.0	-	156+10.1	4.0	20.7
156+10.1	4.0	-	160+44.6	4.0	193.1
RIGHT					
141+02.8	4.0	-	160+63.0	4.0	871.2
TOTAL =					1,440.9

48203029 HMA SHOULDER 8"

STATION WIDTH(FT) - STATION WIDTH(FT) SO YD

US RTE 20					
LEFT					
141+77.5	4.0	-	149+48.9	4.0	342.9
149+48.9	4.0	-	149+98.9	4.0	33.6
150+33.4	4.0	-	150+68.4	4.0	24.4
150+68.4	4.0	-	160+44.6	4.0	433.9
RIGHT					
141+12.7	4.0	-	160+63.0	4.0	866.8
TOTAL =					1,701.6

50105220 PIPE CULVERT REMOVAL

STATION OFFSET - STATION OFFSET FT

145+99.3	28.9 LT	146+32.5	29.4 LT	33.10
152+09.5	27.6 LT	152+34.1	27.1 LT	24.60
153+98.2	30.3 LT	153+98.2	27.5 RT	57.90
TOTAL =				115.6

542A1060 PIPE CULVERTS, CLASS A, TYPE 2 15"

STATION OFFSET - STATION OFFSET FT

144+85.3	33.1 LT	145+30.8	33.8 LT	45.50
145+95.4	37.0 LT	146+32.8	40.6 LT	37.50
152+16.1	41.3 LT	152+29.4	41.7 LT	13.30
153+35.4	42.6 LT	153+74.7	42.1 LT	39.30
TOTAL =				135.6

542A8221 PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 36"

STATION OFFSET - STATION OFFSET FT

153+98.1	39.5 LT	153+98.2	29.1 RT	68.60
153+98.1	39.5 LT	153+98.2	29.1 RT	68.60
153+98.1	39.5 LT	153+98.2	29.1 RT	68.60
TOTAL =				205.8

54213660 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"

STATION OFFSET - EACH

144+85.3	33.1 LT	1
145+30.8	33.8 LT	1
145+95.4	37.0 LT	1
146+32.8	40.6 LT	1
151+18.5	36.3 RT	1
152+16.1	41.3 LT	1
152+29.4	41.7 LT	1
153+35.4	42.6 LT	1
153+74.7	42.1 LT	1
TOTAL =		9

54214731 PRECAST REINFORCED CONNCRETE FES -ELIPTICAL, EORS 36"

STATION OFFSET - EACH

153+98.1	39.5 LT	3
153+98.2	29.1 RT	3
TOTAL =		6

54247170 GRATING FOR CONCRETE FLARED END SECTION 36"

STATION OFFSET - EACH

153+98.1	39.5 LT	3
153+98.2	29.1 RT	3
TOTAL =		6

60300305 FRAMES AND LIDS TO BE ADJUSTED

STATION OFFSET - EACH

NOMINAL QUANTITY		2
TOTAL =		2

63200310 GUARDRAIL REMOVAL

STATION OFFSET - STATION OFFSET FT

153+72.0	23.0 LT	155+23.3	23.0 LT	151.30
152+69.8	23.0 RT	154+83.5	23.0 RT	213.80
TOTAL =				365.1

70300100 SHORT-TERM PAYMENT MARKING
** *****
STATION OFFSET - STATION OFFSET FT

POST BINDER COURSE @ 4' FOR EACH 44' (9%)
POST SURFACE COURSE @ 4' FOR EACH 44' (9%)
TOTAL 18%
CENTERLINES (DOUBLE YELLOW LINE) (X 2)
MAINLINE

99+06.4	0.0 RT	169+94.9	0.0 RT	2,551.86
WEST RIDGE DRIVE				32.08
NESTLER ROAD				
35+03.7	0.0 RT	37+66.6	0.0 RT	94.64

TURNING LANE LINES
MAINLINE

112+66.5	6.0 RT	115+05.5	6.0 RT	43.02
112+66.5	18.0 RT	115+05.5	18.0 RT	43.02
116+18.5	6.0 LT	118+58.5	6.0 LT	43.20
116+18.5	18.0 LT	119+55.7	18.0 LT	60.70
121+72.0	6.0 RT	122+97.0	6.0 RT	22.50
131+09.2	6.0 LT	133+89.2	6.0 LT	50.40
134+30.1	17.0 RT	139+70.0	17.0 RT	97.18
147+15.3	6.0 RT	149+95.4	6.0 RT	50.42
150+50.0	18.0 LT	135+30.0	18.0 LT	273.60
160+71.3	18.0 RT	163+51.6	18.0 RT	50.45
161+00.0	6.0 RT	163+80.0	6.0 RT	50.40
164+42.0	6.0 LT	167+16.2	6.0 LT	49.36
164+42.0	18.0 LT	167+16.2	18.0 LT	49.36

NESTLER ROAD
35+03.7 12.0 RT 37+66.6 12.0 RT 47.32
35+03.7 24.0 RT 37+66.6 24.0 RT 47.32

70300210 TEMPORARY PAVEMENT MARKING - LETTERS & SYMBOLS

STATION OFFSET - STATION OFFSET SO FT

POST BINDER COURSE				
SEE 78000100 THPL PVT MK LINE LETTERS & SYMB1,100.00 SF				
POST SURFACE COURSE				
SEE 78000100 THPL PVT MK LINE LETTERS & SYMB1,100.00 SF				
STAGE 2				
151+28.0	24.0 LT		36.40	
152+84.0	24.0 LT		36.40	
161+03.0	0.0 RT		36.40	
161+03.0	24.0 RT		36.40	
163+05.0	0.0 RT		36.40	
163+05.0	24.0 RT		36.40	
TOTAL =				2,418.4 SF

TEMPORARY PAVEMENT MARKING - LINE 4"

STATION OFFSET - STATION OFFSET FT

POST BINDER COURSE				
SEE 7800200 THPL PVT MK LINE 4			34,415.97	
POST SURFACE COURSE				
SEE 7800200 THPL PVT MK LINE 4			34,415.97	

STAGE 1				
WHITE EDGE LINE				
140+96.8	13.8 LT	144+24.3	8.7 LT	327.60
144+24.3	8.7 LT	155+07.9	8.1 LT	1,083.60
155+07.9	8.1 LT	159+62.9	12.2 LT	455.00
159+62.9	12.2 LT	161+34.1	18.0 LT	171.30
161+34.1	18.0 LT	162+97.3	18.0 LT	163.20
141+21.9	15.1 RT	143+41.6	16.1 RT	219.80
143+41.6	16.1 RT	155+99.0	15.9 RT	1,257.40
155+99.0	15.9 RT	158+00.0	22.5 RT	201.10
158+00.0	22.5 RT	160+63.3	30.4 RT	263.30
160+63.3	30.4 RT	163+22.9	29.9 RT	259.60

DOUBLE YELLOW CENTERLINE				
142+81.2	0.9 RT	144+17.0	3.9 RT	271.60
144+17.0	3.9 RT	155+99.3	3.9 RT	2,364.60

STAGE 2				
WHITE EDGE LINE				
140+96.8	13.8 LT	141+83.8	13.1 LT	87.10
141+83.8	0.0 RT	149+48.9	18.0 LT	765.30
149+48.9	0.0 RT	150+68.4	30.0 LT	123.10
150+68.4	0.0 RT	153+30.0	30.0 LT	263.40
153+30.0	0.0 RT	156+10.0	18.0 LT	280.60
156+10.0	0.0 RT	162+97.3	18.0 LT	687.50
162+97.3	0.0 RT	163+41.9	25.9 LT	51.50
141+45.7	15.4 RT	142+61.0	15.0 RT	115.40
142+61.0	15.0 RT	144+31.5	9.0 RT	170.50
144+31.5	9.0 RT	153+53.5	6.0 RT	922.10
153+53.5	6.0 RT	158+63.8	18.8 RT	510.40
158+63.8	18.8 RT	160+63.3	30.4 RT	199.80
160+63.3	30.4 RT	163+52.0	29.3 RT	288.80

DOUBLE YELLOW CENTERLINE				
142+60.6	0.0 RT	143+45.3	0.0 RT	169.20
143+45.3	0.0 RT	144+31.2	3.0 LT	172.00
144+31.2	3.0 LT	147+18.8	6.0 LT	575.20
147+18.8	6.0 LT	153+53.7	6.7 LT	1,269.80
153+53.7	6.7 LT	163+52.2	6.0 LT	1,997.20
153+53.7	6.7 LT	158+42.1	6.2 RT	977.20
158+42.1	6.2 RT	160+73.1	6.0 LT	462.60
TOTAL =				85,958.7

TEMPORARY PAVEMENT MARKING - LINE 6"

STATION OFFSET - STATION OFFSET FT

POST BINDER COURSE				
SEE 78000400 THPL PVT MK LINE 6			4,650.40	
POST SURFACE COURSE				
SEE 78000400 THPL PVT MK LINE 6			4,650.40	
TOTAL =				9,301

70300260 TEMPORARY PAVEMENT MARKING - LINE 12"

STATION OFFSET - STATION OFFSET FT

POST BINDER COURSE				
SEE 78000600 THPL PVT MK LINE 12			623.18	LF
POST SURFACE COURSE				
SEE 78000600 THPL PVT MK LINE 12			623.18	LF
TOTAL =				1,246.4 LF

70300280 TEMPORARY PAVEMENT MARKING - LINE 24"

STATION OFFSET - STATION OFFSET FT

POST BINDER COURSE				
SEE 78000650 THPL PVT MK LINE 24			154.73	LF
POST SURFACE COURSE				
SEE 78000650 THPL PVT MK LINE 24			154.73	LF
TOTAL =				309.5 LF

78000100 THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS

STATION OFFSET - STATION OFFSET SO FT

112+81.0	0.0 RT		36.4	
112+81.0	24.0 RT		36.4	
114+69.0	0.0 RT		36.4	
114+69.0	24.0 RT		36.4	
116+54.0	0.0 RT		36.4	
116+54.0	24.0 LT		36.4	
118+36.0	0.0 RT		36.4	
119+38.0	24.0 LT		36.4	
121+87.0	0.0 RT		36.4	
131+43.0	0.0 RT		36.4	
133+75.0	0.0 RT		36.4	
134+46.0	23.0 RT		36.4	
137+28.0	21.0 RT		36.4	
138+97.0	18.0 RT		36.4	
147+38.0	0.0 RT		36.4	
149+62.0	0.0 RT		36.4	
150+84.0	24.0 LT		36.4	
153+13.0	0.0 RT		36.4	
160+81.0	24.0 RT		36.4	
161+20.0	0.0 RT		36.4	
163+13.0	24.0 RT		36.4	
163+48.0	0.0 RT		36.4	
164+78.0	0.0 RT		36.4	
164+96.0	23.0 LT		36.4	
167+00.0	0.0 RT		36.4	
167+00.0	24.0 LT		36.4	
TOTAL =				1,092.0

THERMOPLASTIC PAVEMENT MARKING - LINE 4"
** *****
STATION OFFSET - STATION OFFSET FT

WHITE LINE				
SOUTH SIDE (RIGHT)				
99+06.5	17.1 RT	102+06.3	12.7 RT	299.80
102+06.3	12.7 RT	108+55.5	12.2 RT	649.20
108+55.5	12.2 RT	110+46.9	18.0 RT	191.50
110+46.9	18.0 RT	110+98.5	18.0 RT	51.60
110+98.5	18.0 RT	112+65.5	30.0 RT	167.40
112+65.5	30.0 RT	114+95.0	30.0 RT	229.50
114+95.0		115+33.2		50.71
115+91.6		116+36.6		68.00
116+36.6	18.0 RT	129+78.7	18.0 RT	1,342.1
131+24.5	18.1 RT	131+79.2	17.5 RT	54.70
131+79.2	17.5 RT	134+30.1	29.0 RT	251.20
134+30.1	29.0 RT	135+62.3	28.2 RT	132.20
137+09.5	26.4 RT	139+41.0	23.6 RT	231.50
140+87.3		141+19.6		35.45
141+19.6	11.3 RT	143+35.1	15.1 RT	215.50

FILE NAME : P:\2009\ME09006_Ver-Var PHILCADD\W05_US20\Shets\06-Schedule-shet-US20.dgn
PLOT SCALE = 1/2000 / IN.
USER NAME : Millennia Professional Services

143+35.1	15.1 RT	156+52.7	18.0 RT	1,317.60
156+52.7	18.0 RT	157+81.1	20.5 RT	128.40
157+81.1	20.5 RT	160+63.3	30.4 RT	282.40
164+79.7		165+25.6		47.41
165+25.6	17.7 RT	167+42.4	16.6 RT	216.80
167+42.4		169+94.9		252.77
NORTH SIDE (LEFT)				
99+06.5	15.9 LT	102+06.3	11.3 LT	299.80
102+06.3	11.3 LT	108+55.5	11.8 LT	649.20
108+55.5	11.8 LT	114+86.5	18.0 LT	631.00
114+86.5		115+29.7		57.86
116+01.5		116+39.2		44.68
116+39.2	30.0 LT	119+55.7	30.0 LT	316.50
119+55.7	30.0 LT	121+95.9	18.0 LT	240.50
121+95.9	18.0 LT	122+79.4	18.0 LT	83.50
122+79.4		123+19.3		73.47
123+60.9		124+00.9		74.38
124+00.9	18.0 LT	125+89.2	18.0 LT	188.30
125+89.2		126+21.3		38.56
126+97.4		126+27.7		33.08
126+27.7	18.0 LT	139+77.9	12.2 LT	1,350.20
139+77.9	12.2 LT	141+98.4	12.0 LT	220.50
141+98.4	12.0 LT	147+18.7	18.0 LT	520.30
147+18.7	18.0 LT	149+53.9	18.0 LT	235.20
149+53.9		149+98.9		73.13
150+33.4		150+62.3		55.30
150+62.3	30.0 LT	153+30.0	30.0 LT	267.70
153+30.0	30.0 LT	156+10.0	18.0 LT	280.30
156+10.0	18.0 LT	162+96.4	18.0 LT	686.40
164+74.6	29.6 LT	167+46.2	30.1 LT	271.60
167+46.2	0.0 RT	169+94.9	19.1 LT	249.40
CENTERLINES (DOUBLE YELLOW LINE)				
99+06.4	3.9 LT	102+06.3	0.0 RT	599.80
99+06.4	5.1 RT	102+06.3	0.0 RT	599.80
102+06.3	0.7 RT	108+55.5	0.0 RT	649.20
108+55.5	0.0 RT	112+65.5	6.0 LT	820.00
108+55.5	0.0 RT	110+46.9	6.0 RT	383.00
110+46.9	6.0 RT	110+95.5	6.0 RT	97.20
110+95.5	6.0 RT	112+65.5	6.0 LT	340.80
112+65.5	6.0 LT	115+05.5	6.0 LT	480.00
116+18.5	6.0 RT	119+82.0	6.0 RT	727.00
119+82.0	6.0 RT	121+72.0	6.0 LT	380.80
118+58.5	6.0 RT	120+48.5	6.0 LT	380.80
120+48.5	6.0 LT	122+97.0	6.0 LT	497.00
123+85.6		124+00.8		49.05
124+00.8	6.0 RT	129+91.5	6.0 RT	1,181.40
123+85.6	6.0 LT	129+76.5	6.0 LT	1,181.80
129+76.5		129+91.5		47.90
131+09.2	5.7 RT	133+89.2	5.5 RT	560.00
133+89.2	5.5 RT	136+69.5	6.0 LT	561.00
136+69.5	6.0 LT	139+77.9	0.0 RT	617.00
133+89.2	5.5 RT	139+77.9	0.0 RT	1,177.40
139+77.9	0.0 RT	141+95.3	0.0 RT	434.80
141+95.3	0.0 RT	147+15.3	6.1 LT	1,040.00
141+95.3	0.0 RT	144+35.4	6.0 RT	480.40
144+35.4	0.0 RT	147+15.3	6.1 LT	560.00
147+15.3	6.1 LT	149+95.4	6.1 LT	560.20
150+50.0	6.0 LT	161+00.0	0.0 RT	2,100.00
150+50.0		150+61.7		37.79
150+61.7	6.0 RT	158+20.0	6.0 RT	1,516.60
158+20.0	6.0 RT	161+00.0	6.0 LT	560.60
161+00.0	6.0 LT	163+80.0	6.0 LT	560.00
164+42.0	6.0 RT	167+13.8	6.0 RT	543.60
167+13.8	6.0 RT	168+60.9	3.0 RT	294.20
168+60.9	3.0 RT	169+94.9	1.1 LT	268.20
168+60.9	1.1 LT	169+94.9	2.5 RT	268.00
WEST RIDGE DRIVE				
NESLER				
35+03.7	0.0 RT	37+66.6	0.0 RT	525.80
TOTAL =				
34,416.0				

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"					

STATION	OFFSET	-	STATION	OFFSET	FT

SOLID LINE					
MAINLINE					
112+66.5	6.0 RT		115+05.5	6.0 RT	239.00
112+66.5	18.0 RT		115+05.5	18.0 RT	239.00
116+18.5	6.0 LT		118+58.5	6.0 LT	240.00
116+18.5	18.0 LT		119+55.7	18.0 LT	337.20
121+72.0	6.0 RT		122+97.0	6.0 RT	125.00
131+09.2	6.0 LT		133+89.2	6.0 LT	280.00
134+30.1	17.0 RT		139+70.0	17.0 RT	539.90
147+15.3	6.0 RT		149+95.4	6.0 RT	280.10
150+50.0	18.0 LT		135+30.0	18.0 LT	280.00
160+71.3	18.0 RT		163+51.6	18.0 RT	280.30
161+00.0	6.0 RT		163+80.0	6.0 RT	280.00
164+42.0	6.0 LT		167+16.2	6.0 LT	274.20
164+42.0	18.0 LT		167+16.2	18.0 LT	274.20
NESTLER ROAD					
35+03.7	12.0 RT		37+66.6	12.0 RT	262.90
35+03.7	24.0 RT		37+66.6	24.0 RT	262.90
DOTTED LINE					
MAINLINE					
110+95.5	6.0 RT		112+65.5	6.0 RT	42.50
110+95.5	18.0 RT		112+65.5	18.0 RT	42.50
118+58.5	6.0 LT		120+48.5	6.0 LT	47.50
119+55.7	18.0 LT		121+95.9	18.0 LT	60.05
157+81.1	20.5 RT		160+71.3	18.0 RT	72.55
158+20.0	6.0 RT		161+00.0	6.0 RT	70.00
167+16.2	6.0 LT		169+69.9	1.4 LT	63.43
167+16.2	18.0 LT		169+44.9	21.3 LT	57.18
TOTAL =					
4,650.4					

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"					

STATION	OFFSET	-	STATION	OFFSET	FT

US ROUTE 20					
108+55.5	0.0 RT		112+65.5		38.75
118+58.5	0.0 RT		121+72.0		51.71
123+85.6	0.0 RT		129+91.5		101.98
134+30.1	0.0 RT		139+77.9		39.20
139+77.9	0.0 RT		140+58.7		74.21
141+95.3	0.0 RT		147+15.3		37.68
150+50.0	0.0 RT		161+00.0		208.69
WEST RIDGE DRIVE					
TOTAL =					
623.2					

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"					

STATION	OFFSET	-	STATION	OFFSET	FT

US ROUTE 20					
129+91.5					14.08
131+09.2					24.16
164+50.0	0.0 RT				17.67
WEST RIDGE DRIVE					
ENCOUNTER LANE					
NESTLER ROAD					
OLD BARN ROAD					
TOTAL =					
154.73					

78100100 RAISED REFLECTIVE PAVEMENT MARKER					

STATION	OFFSET	-	STATION	OFFSET	EACH

SOLID LINE					
MAINLINE					
112+66.5	6.0 RT		115+05.5	6.0 RT	7
112+66.5	18.0 RT		115+05.5	18.0 RT	7
116+18.5	6.0 LT		118+58.5	6.0 LT	7
116+18.5	18.0 LT		119+55.7	18.0 LT	10
121+72.0	6.0 RT		122+97.0	6.0 RT	5
131+09.2	6.0 LT		133+89.2	6.0 LT	8
134+30.1	17.0 RT		139+70.0	17.0 RT	15
147+15.3	6.0 RT		149+95.4	6.0 RT	9
150+50.0	18.0 LT		135+30.0	18.0 LT	39
160+71.3	18.0 RT		163+51.6	18.0 RT	9

161+00.0	6.0 RT	163+80.0	6.0 RT	8
164+42.0	6.0 LT	167+16.2	6.0 LT	8
164+42.0	18.0 LT	167+16.2	18.0 LT	8
NESTLER ROAD				
35+03.7	12.0 RT	37+66.6	12.0 RT	8
35+03.7	24.0 RT	37+66.6	24.0 RT	8
CENTERLINES (DOUBLE YELLOW LINE)				
RIGHT AND LEFT SIDE OF MEDIAN				
99+06.4	3.9 LT	102+06.3	0.0 RT	9
99+06.4	5.1 RT	102+06.3	0.0 RT	9
108+55.5	0.0 RT	112+65.5	6.0 LT	12
108+55.5	0.0 RT	110+46.9	6.0 RT	6
110+46.9	6.0 RT	110+95.5	6.0 RT	3
110+95.5	6.0 RT	112+65.5	6.0 LT	6
118+58.5	6.0 RT	119+82.0	6.0 RT	5
119+82.0	6.0 RT	121+72.0	6.0 LT	6
118+58.5	6.0 RT	120+48.5	6.0 LT	6
120+48.5	6.0 LT	121+72.0	6.0 LT	5
123+85.6		124+00.8		2.00
124+00.8	6.0 RT	129+91.5	6.0 RT	16
123+85.6	6.0 LT	129+76.5	6.0 LT	16
129+76.5		129+91.5		2.00
133+89.2	5.5 RT	136+69.5	6.0 LT	9
136+69.5	6.0 LT	139+77.9	0.0 RT	9
133+89.2	5.5 RT	139+77.9	0.0 RT	16
141+95.3	0.0 RT	147+15.3	6.1 LT	14
141+95.3	0.0 RT	144+35.4	6.0 RT	8
144+35.4	0.0 RT	147+15.3	6.1 LT	8
150+50.0	6.0 LT	161+00.0	0.0 RT	28
150+50.0		150+61.7		2.00
150+61.7	6.0 RT	158+20.0	6.0 RT	20
158+20.0	6.0 RT	161+00.0	6.0 LT	9
168+60.9	3.0 RT	169+94.9	1.1 LT	5
168+60.9	1.1 LT	169+94.9	2.5 RT	5
CENTERLINE OF MEDIAN				
102+06.3	0.7 RT	108+55.5	0.0 RT	36
112+65.5	6.0 LT	115+05.5	6.0 LT	14
116+18.5	6.0 RT	118+58.5	6.0 RT	14
121+72.0	6.0 LT	122+97.0	6.0 LT	10
131+09.2	5.7 RT	133+89.2	5.5 RT	16
139+77.9	0.0 RT	141+95.3	0.0 RT	14
147+15.3	6.1 LT	149+95.4	6.1 LT	18
161+00.0	6.0 LT	163+80.0	6.0 LT	16
164+42.0	6.0 RT	167+13.8	6.0 RT	16
167+13.8	6.0 RT	168+60.9	3.0 RT	10
WEST RIDGE DRIVE				
NESTLER ROAD				
35+03.7	0.0 RT	37+66.6	0.0 RT	16
TOTAL =				
580.00				

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL					

STATION	OFFSET	-	STATION	OFFSET	EACH

78100100 RAISED REFLECTIVE PAVEMENT MARKER					
TOTAL =					
580					

EARTHWORK SCHEDULE

STATION NO.	END AREA		DISTANCE (STA)	SECTION TOTALS		SECTION TOTALS		ACCUMUL. TOTALS		SHRINK FACTOR %	BORROW PER SECTION CU. YD.	SUM OF BORROW CU. YDS.
	SQ. FT.			SQ. FT.		CU. YD.		CU. YD.				
	CUT	FILL		CUT	FILL	CUT	FILL	CUT	FILL			
143 + 00	0.9	9.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15	0.00	0.00
143 + 50	16.4	5.5	0.50	8.65	7.55	16.02	13.98	16.02	13.98	15	0.06	0.06
144 + 00	53.9	0	0.50	35.15	2.75	65.09	5.09	81.11	19.07	15	-59.24	-59.18
144 + 50	56.2	57.1	0.50	55.05	28.55	101.94	52.87	183.06	71.94	15	-41.14	-100.32
145 + 00	4	11.6	0.50	30.10	34.35	55.74	63.61	238.80	135.56	15	17.41	-82.91
145 + 8	1.8	4	0.08	2.90	7.80	0.86	2.31	239.66	137.87	15	1.80	-81.11
145 + 50	19.9	0	0.42	10.85	2.00	16.88	3.11	256.53	140.98	15	-13.30	-94.41
146 + 00	15.3	0	0.50	17.60	0.00	32.59	0.00	289.13	140.98	15	-32.59	-127.00
146 + 14	2.6	0	0.14	8.95	0.00	4.64	0.00	293.77	140.98	15	-4.64	-131.64
146 + 50	10.2	1.4	0.00	0.00	0.00	0.00	0.00	293.77	140.98	15	0.00	-131.64
147 + 00	3.7	1.7	0.50	6.95	1.55	12.87	2.87	306.64	143.85	15	-9.57	-141.21
147 + 50	0.9	0.5	0.50	2.30	1.10	4.26	2.04	310.90	145.89	15	-1.92	-143.13
148 + 00	7.3	0.5	0.50	4.10	0.50	7.59	0.93	318.49	146.81	15	-6.53	-149.66
148 + 50	27.4	0	0.50	17.35	0.25	32.13	0.46	350.62	147.27	15	-31.60	-181.25
149 + 00	25.8	0.5	0.00	0.00	0.00	0.00	0.00	350.62	147.27	15	0.00	-181.25
149 + 50	10.1	0	0.50	17.95	0.25	33.24	0.46	383.86	147.74	15	-32.71	-213.96
150 + 00	1.9	0	0.50	6.00	0.00	11.11	0.00	394.97	147.74	15	-11.11	-225.07
150 + 50	1.2	0	0.50	1.55	0.00	2.87	0.00	397.84	147.74	15	-2.87	-227.94
151 + 00	2.2	0	0.50	1.70	0.00	3.15	0.00	400.99	147.74	15	-3.15	-231.09
151 + 38	3.5	0	0.38	2.85	0.00	3.96	0.00	404.95	147.74	15	-3.96	-235.05
151 + 50	5.3	0	0.13	4.40	0.00	2.04	0.00	406.98	147.74	15	-2.04	-237.09
152 + 00	11.5	5.2	0.50	8.40	2.60	15.56	4.81	422.54	152.55	15	-10.02	-247.11
152 + 23	7.5	5.7	0.23	9.50	5.45	8.09	4.64	430.63	157.19	15	-2.75	-249.86
152 + 50	16.6	4.5	0.27	12.05	5.10	12.05	5.10	442.68	162.29	15	-6.19	-256.04
153 + 00	16.6	1.9	0.50	16.60	3.20	30.74	5.93	473.42	168.22	15	-23.93	-279.97
153 + 50	13.1	3.7	0.50	14.85	2.80	27.50	5.19	500.92	173.41	15	-21.54	-301.51
153 + 98	23.9	0	0.48	18.50	1.85	32.99	3.30	533.91	176.70	15	-29.20	-330.70
154 + 00	15.1	0	0.00	0.00	0.00	0.00	0.00	533.91	176.70	15	0.00	-330.70
154 + 50	15.5	0	0.50	15.30	0.00	28.33	0.00	562.25	176.70	15	-28.33	-359.04
155 + 00	9	0	0.50	12.25	0.00	22.69	0.00	584.93	176.70	15	-22.69	-381.72
155 + 50	5.1	0	0.50	7.05	0.00	13.06	0.00	597.99	176.70	15	-13.06	-394.78
156 + 00	2.6	0	0.50	3.85	0.00	7.13	0.00	605.12	176.70	15	-7.13	-401.91
156 + 50	1.3	0.2	0.50	1.95	0.10	3.61	0.19	608.73	176.89	15	-3.40	-405.31
157 + 00	0.6	0.4	0.50	0.95	0.30	1.76	0.56	610.49	177.45	15	-1.12	-406.43
157 + 50	0.1	0.8	0.50	0.35	0.60	0.65	1.11	611.14	178.56	15	0.63	-405.80
158 + 00	0.5	3	0.50	0.30	1.90	0.56	3.52	611.69	182.08	15	3.49	-402.31
158 + 50	9.8	3.8	0.50	5.15	3.40	9.54	6.30	621.23	188.37	15	-2.30	-404.60
159 + 00	0.3	4	0.50	5.05	3.90	9.35	7.22	630.58	195.59	15	-1.05	-405.65
159 + 50	0	7.7	0.50	0.15	5.85	0.28	10.83	630.86	206.43	15	12.18	-393.47
160 + 00	0.1	14.8	0.50	0.05	11.25	0.09	20.83	630.95	227.26	15	23.87	-369.60

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USER NAME : Millennium Professional Services



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DATE - 4/9/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

EARTHWORK SCHEDULE

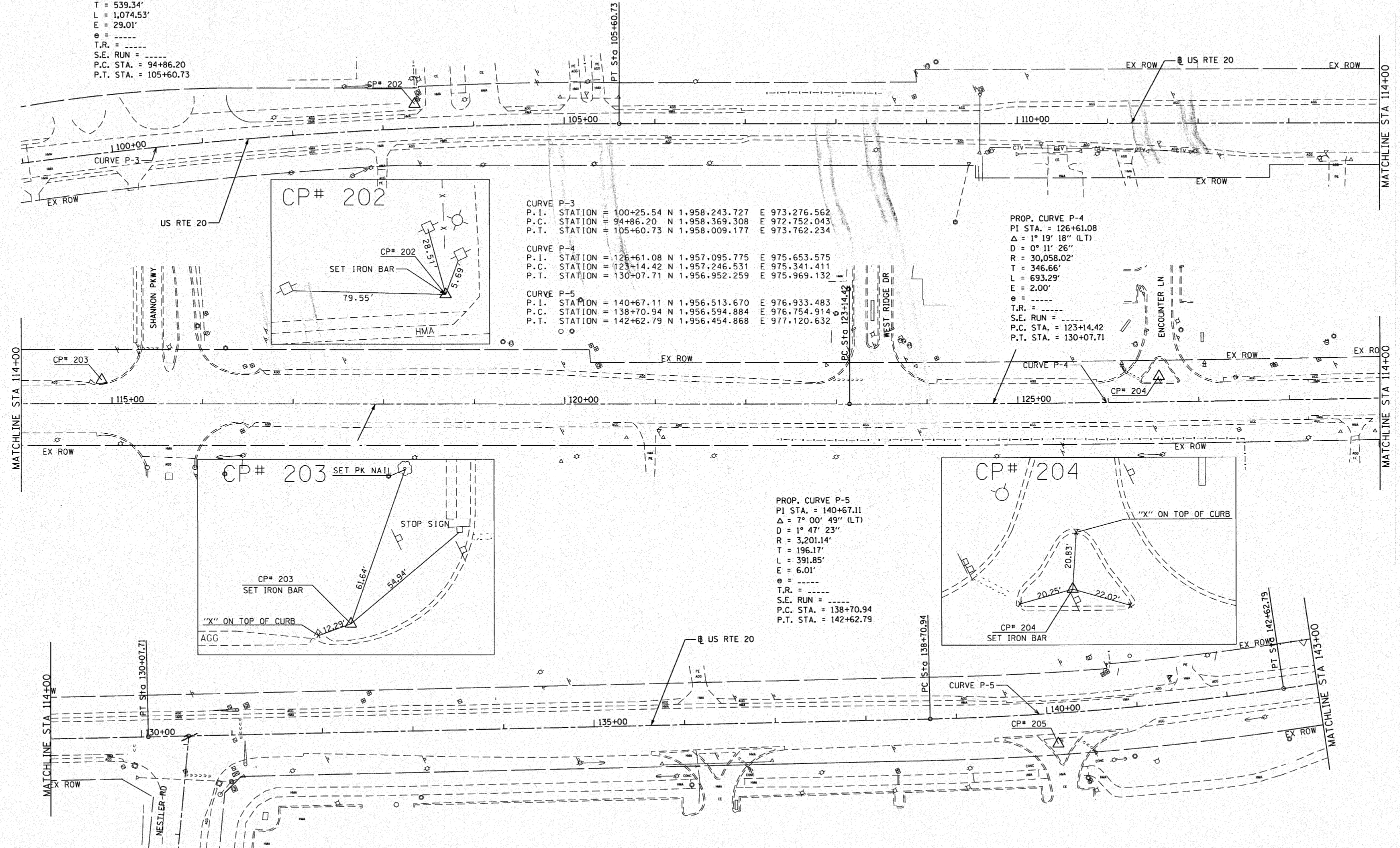
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BWRS-2	KANE	72	9
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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PROP. CURVE P-3
 PI STA. = 100+25.54
 $\Delta = 12^\circ 18' 48''$ (RT)
 $D = 1^\circ 08' 45''$
 $R = 4,999.98'$
 $T = 539.34'$
 $L = 1,074.53'$
 $E = 29.01'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 94+86.20$
 $P.T. STA. = 105+60.73$

CP# 202



CURVE P-3
 P.I. STATION = 100+25.54 N 1,958,243.727 E 973,276.562
 P.C. STATION = 94+86.20 N 1,958,369.308 E 972,752.043
 P.T. STATION = 105+60.73 N 1,958,009.177 E 973,762.234

CURVE P-4
 P.I. STATION = 126+61.08 N 1,957,095.775 E 975,653.575
 P.C. STATION = 123+14.42 N 1,957,246.531 E 975,341.411
 P.T. STATION = 130+07.71 N 1,956,952.259 E 975,969.132

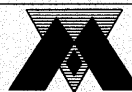
CURVE P-5
 P.I. STATION = 140+67.11 N 1,956,513.670 E 976,933.483
 P.C. STATION = 138+70.94 N 1,956,594.884 E 976,754.914
 P.T. STATION = 142+62.79 N 1,956,454.868 E 977,120.632

PROP. CURVE P-4
 PI STA. = 126+61.08
 $\Delta = 1^\circ 19' 18''$ (LT)
 $D = 0^\circ 11' 26''$
 $R = 30,058.02'$
 $T = 346.66'$
 $L = 693.29'$
 $E = 2.00'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 123+14.42$
 $P.T. STA. = 130+07.71$

PROP. CURVE P-5
 PI STA. = 140+67.11
 $\Delta = 7^\circ 00' 49''$ (LT)
 $D = 1^\circ 47' 23''$
 $R = 3,201.14'$
 $T = 196.17'$
 $L = 391.85'$
 $E = 6.01'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 138+70.94$
 $P.T. STA. = 142+62.79$

KE 4-21-2010

FILE NAME: P:\2009\ME018006_VerVar_Plan\CAADD\W05_US20\Sta\10162529-shr-ATB1.dgn
 USER NAME: Millennium Professional Services



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DATE - 4/21/2010	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
 EAST OF PLANK ROAD TO WELD ROAD

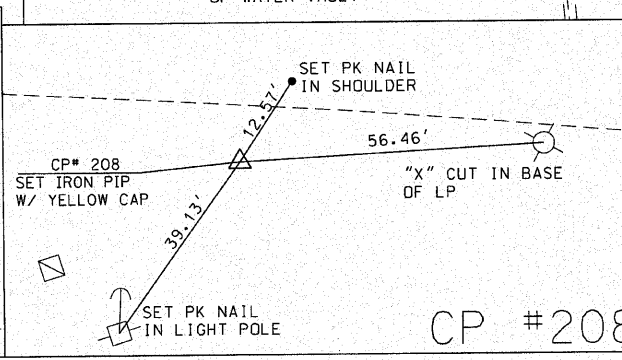
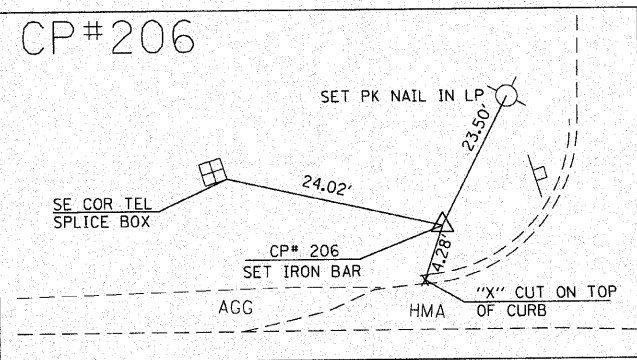
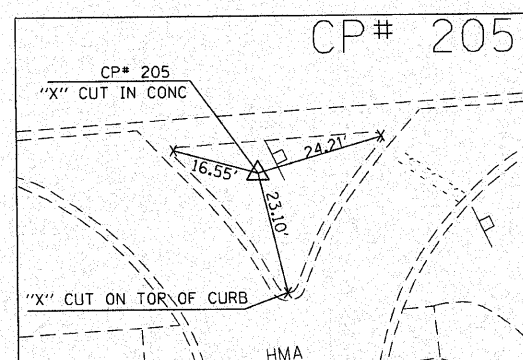
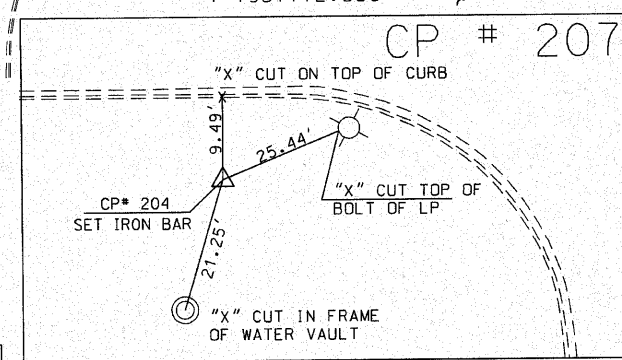
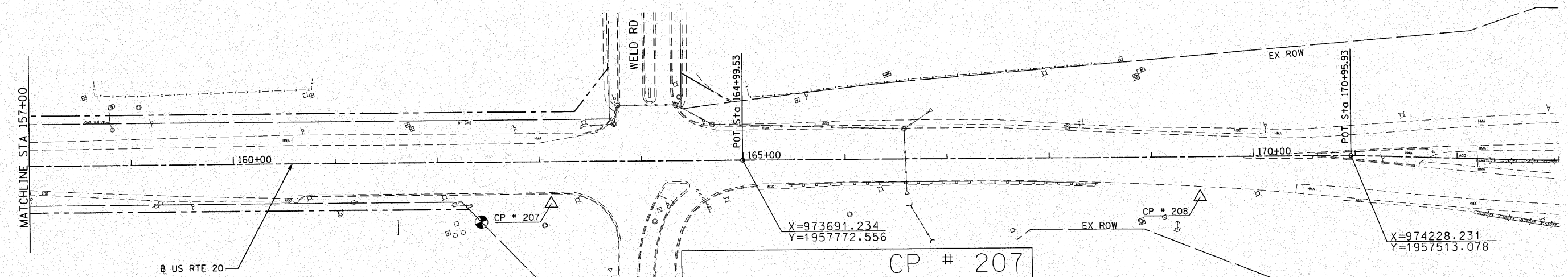
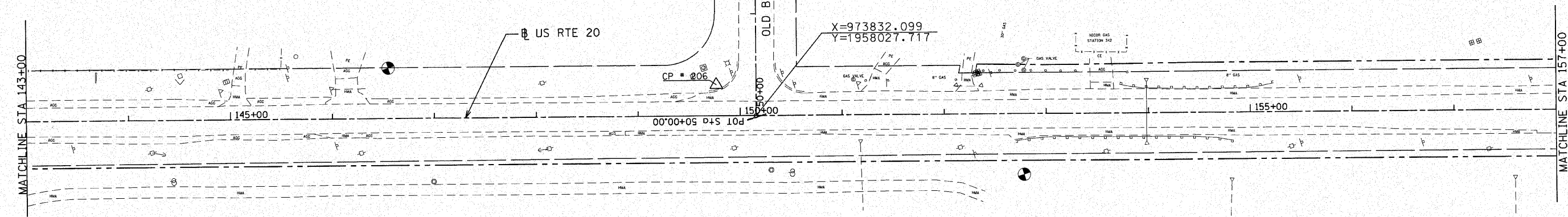
ALIGNMENT, TIES & BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	10
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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USER NAME: Millennium Professional Services



CONTROL POINT	NORTHERN	EASTERN	ELEV.	STATION	OFFSET
201	N 1958321.130	E 973043.833	898.65	97+79.61	29.74 LT
202	N 1958126.910	E 973568.193	901.04	103+35.92	26.71 LT
203	N 1957629.350	E 974609.212	897.59	114+88.60	26.3 LT
204	N 1957125.120	E 975662.094	896.79	126+56.32	28.19 LT
205	N 1956508.642	E 976870.332	906.52	140+10.28	33.79 RT
206	N 1956269.993	E 977810.834	895.65	149+76.67	30.51 LT
207	N 1955801.636	E 979062.709	900.07	163+11.37	41.06 RT
208	N 1955612.334	E 979670.283	894.12	169+47.75	39.53 RT



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DRAWN	TVN	REVISED	-
CHECKED	RPD	REVISED	-
DATE	10/25/2010	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

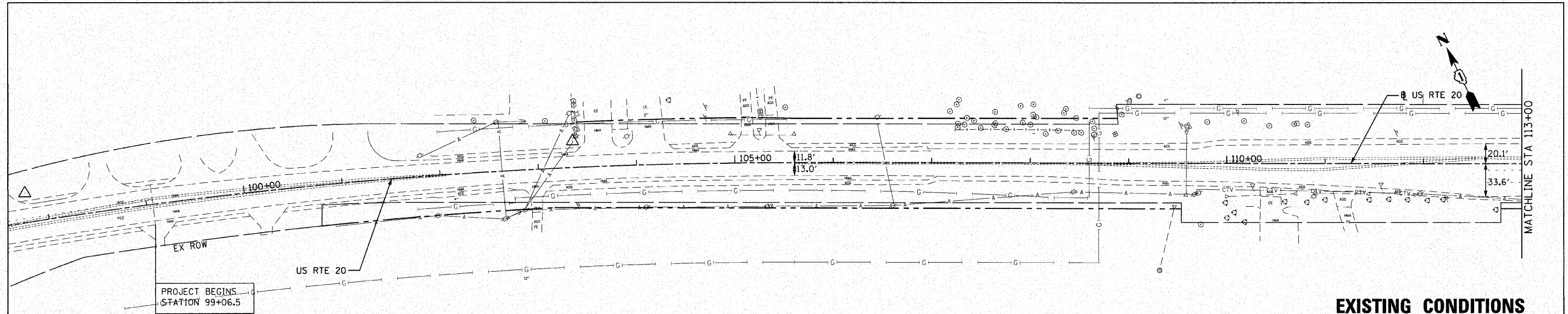
**U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD**

ALIGNMENT, TIES & BENCHMARKS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

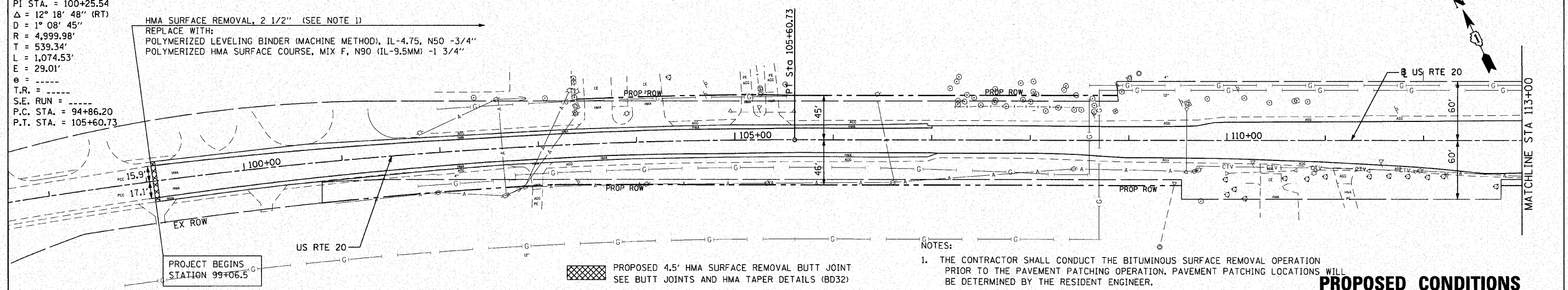
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	B.M. NOTED		
LINE 22-1-140	STRUCTURE NOTATIONS CHK'D		



EXISTING CONDITIONS

PROP. CURVE P-3
PI STA. = 100+25.54
 $\Delta = 12^\circ 18' 48''$ (RT)
D = 1° 08' 45"
R = 4,999.98'
T = 539.34'
L = 1,074.53'
E = 29.01'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 94+86.20
P.T. STA. = 105+60.73

HMA SURFACE REMOVAL, 2 1/2" (SEE NOTE 1)
 REPLACE WITH:
 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 -3/4"
 POLYMERIZED HMA SURFACE COURSE, MIX F, N90 (IL-9.5MM) -1 3/4"

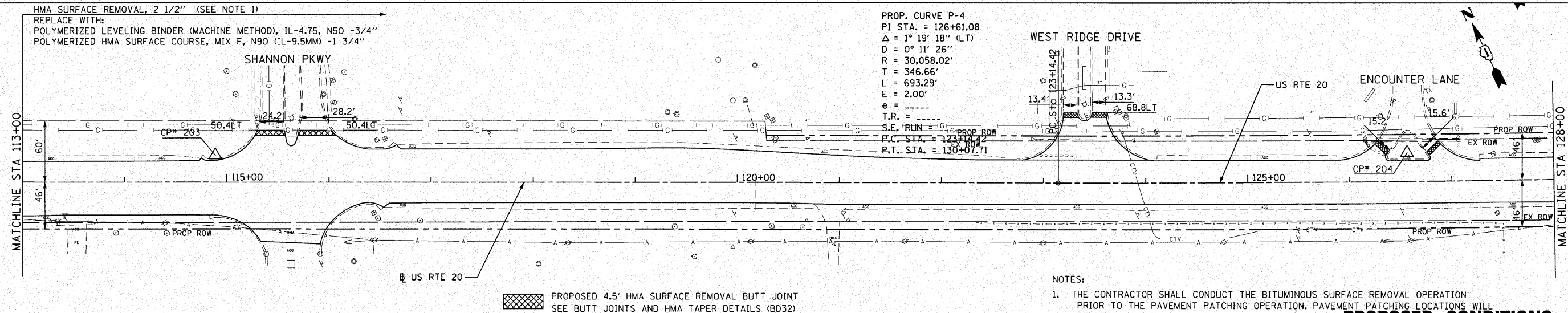


NS WILL PROPOSED CONDITIONS

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 200 22ND Street, Suite 216, Lombard, IL 60140 630.705.0110 voice, 630.839.2566 fax WWW.MPS-IL.COM MILLENNIA PROFESSIONAL SERVICES	DESIGNED - TVN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 EAST OF PLANK ROAD TO WELD ROAD		PLAN AND PROFILE		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TVN	REVISED -		345	8WRS-2	KANE	72	12				
	CHECKED - RPD	REVISED -		CONTRACT NO. 62529								
	DATE - 10/25/2010	REVISED -		SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA. 105+60 TO STA. 114+00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
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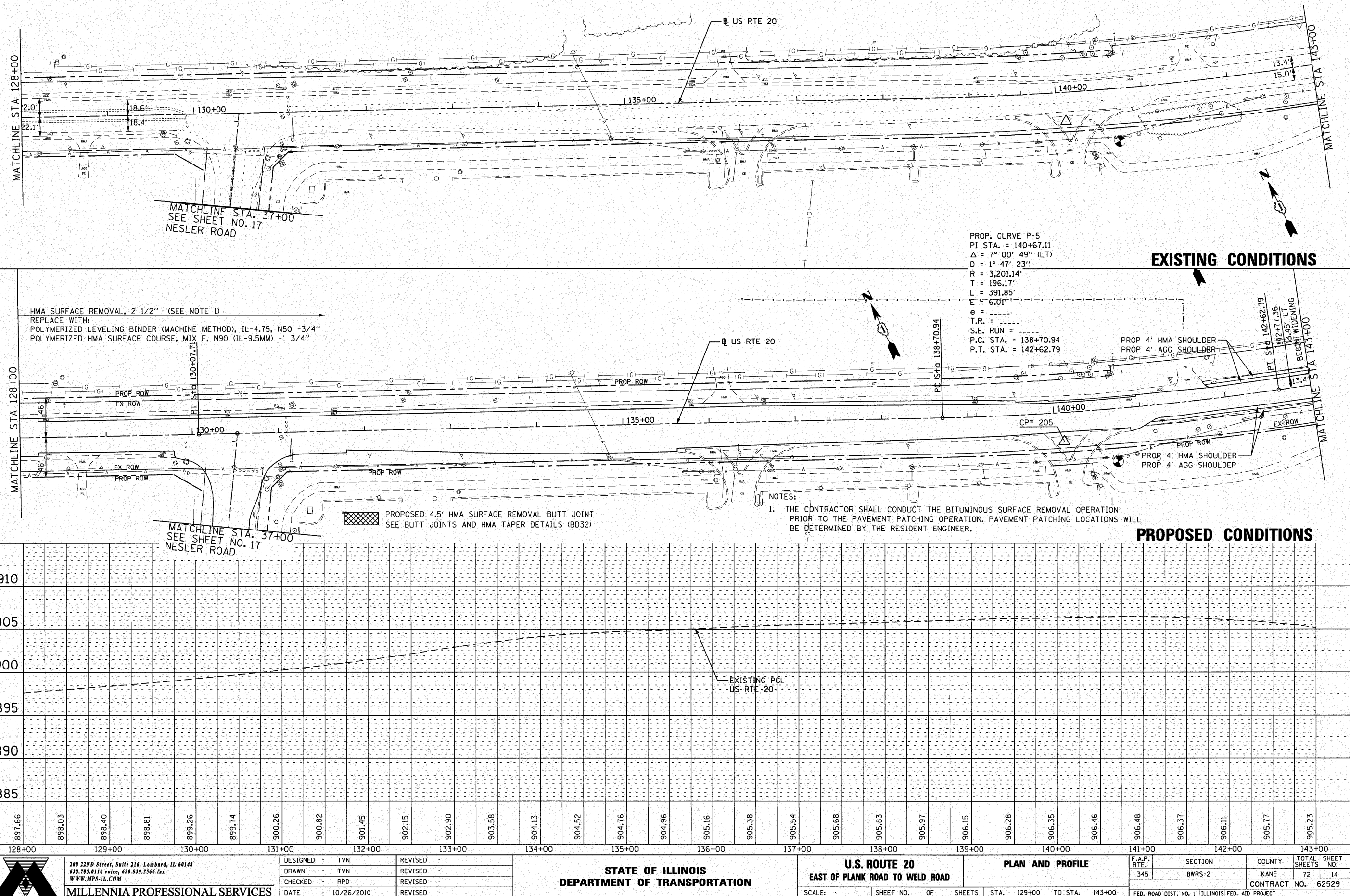
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[illegible]

	200 32ND Street, Suite 216, Lombard, IL 60148 630.795.0110 voice, 630.839.2566 fax WWW.MPS-IL.COM	DESIGNED - TVN DRAWN - TVN CHECKED - RPD	REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 EAST OF PLANK ROAD TO WELD ROAD	PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CONTRACT NO. 62529											
MILLENNIA PROFESSIONAL SERVICES		DATE - 10/25/2010	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT P:\2009\ME09086_Ver-For-Plan\CADD\W05_US20\Shets\162529-shr-PP-2.DGN												

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 10/26/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

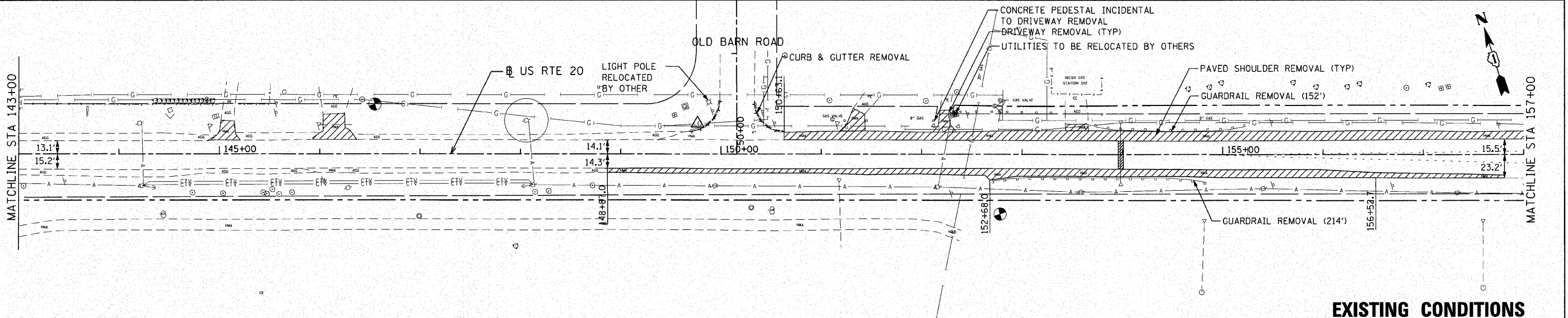
PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

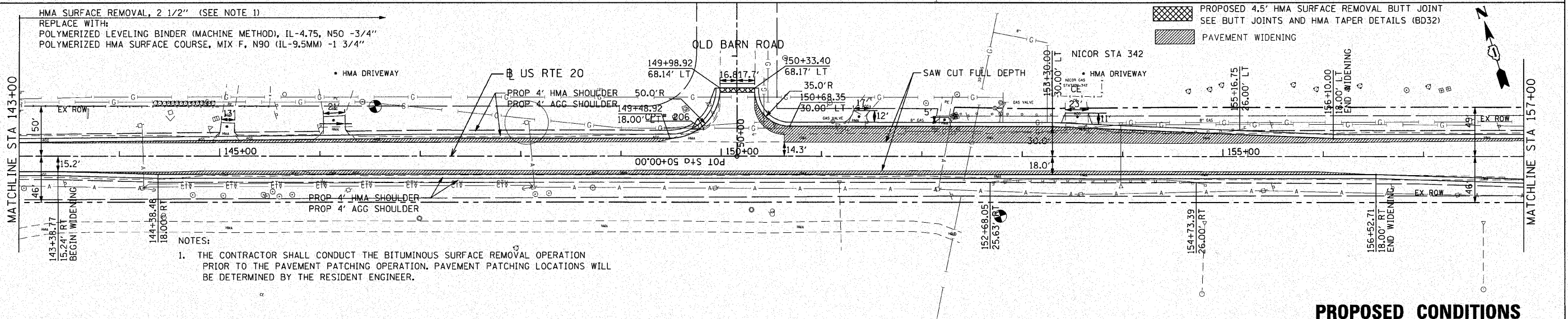
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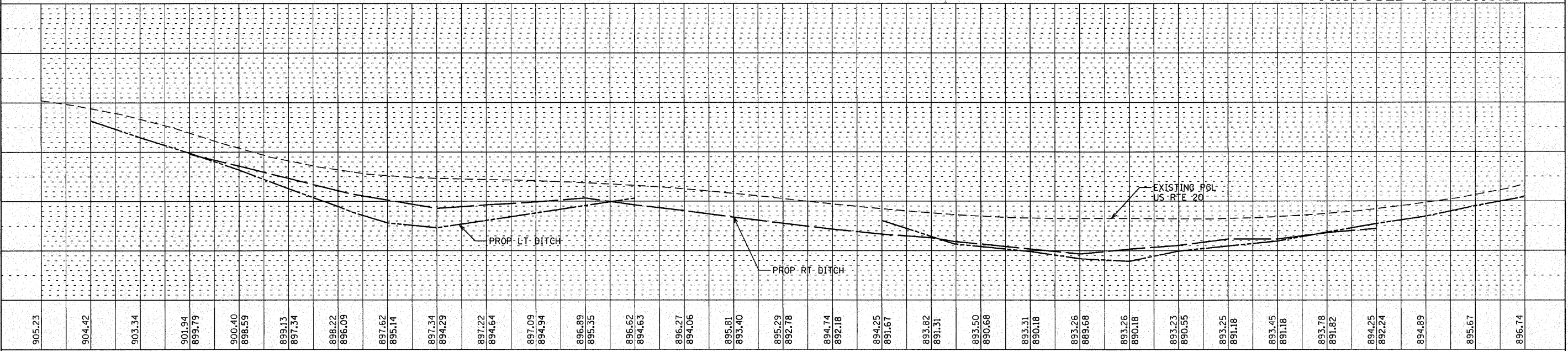
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 USER NAME = Millennium Professional Services



EXISTING CONDITIONS



PROPOSED CONDITIONS



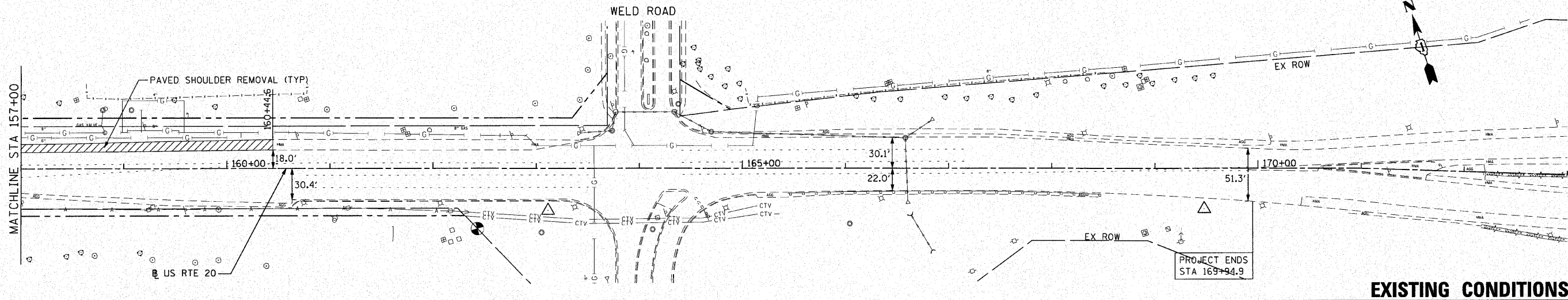
		200 22ND Street, Suite 216, Lombard, IL 60148 630.785.8110 voice, 630.839.2564 fax WWW.MPS-IL.COM		DESIGNED - TVN DRAWN - TVN CHECKED - RPD DATE - 10/25/2010		REVISED - REVISED - REVISED - REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		U.S. ROUTE 20 EAST OF PLANK ROAD TO WELD ROAD		PLAN AND PROFILE		F.A.P. RTE. 345 SECTION 8WRS-2 COUNTY KANE TOTAL SHEETS 72 SHEET NO. 15 CONTRACT NO. 62529	
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
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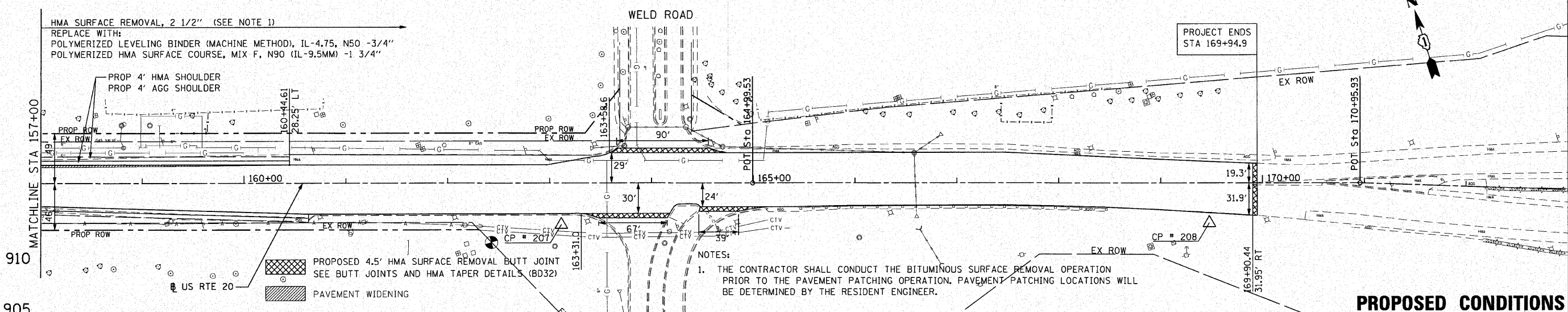
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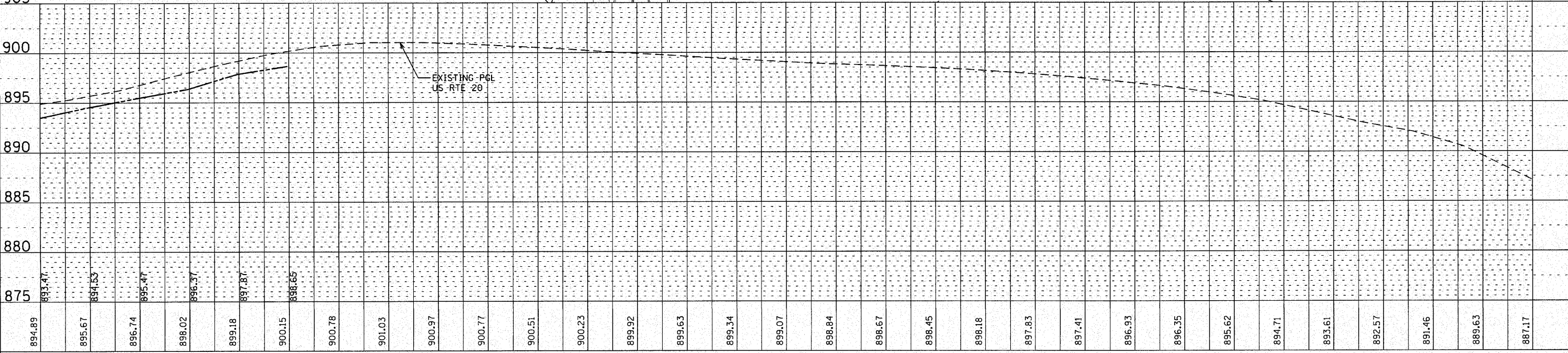
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EXISTING CONDITIONS



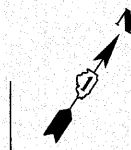
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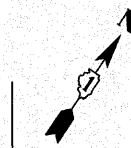
	200 32ND Street, Suite 216, Lombard, IL 60148 630.785.0110 voice, 630.839.1566 fax WWW.MPS-IL.COM	DESIGNED - TVN DRAWN - TVN CHECKED - RPD DATE - 10/25/2010	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 EAST OF PLANK ROAD TO WELD ROAD	PLAN AND PROFILE	F.A.P. RTE. 345 SECTION BWRS-2 COUNTY KANE TOTAL SHEETS 72 SHEET NO. 16	CONTRACT NO. 62529
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PROFILE	SURVIVED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	B.M. NOTED		
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PROPOSED CONDITIONS



1. THE CONTRACTOR SHALL CONDUCT THE PAVEMENT PATCHING OPERATION PRIOR TO THE BITUMINOUS SURFACE REMOVAL OPERATION. ALL PAVEMENT PATCHING LOCATION WILL BE DETERMINED BY THE RESIDENT ENGINEER.

 PROPOSED 4.5' HMA SURFACE REMOVAL BUTT JOINT
SEE BUTT JOINTS AND HMA TAPER DETAILS (BD32)

[illegible]

MILLENNIA PROFESSIONAL SERVICES

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CHECKED - RPD	REVISED -
DATE - 10/25/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

PLAN AND PROFILE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	17
		CONTRACT NO. 62529		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT
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MAINTENANCE OF TRAFFIC GENERAL NOTES

- 1. THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
- 2. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER.
- 3. CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION THROUGH OUT THE PROJECT AREA AT ALL TIMES.
- 4. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES, APPROACHES, AND TEMPORARY ROADS WITHIN THE PROJECT LIMITS. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON, "AGGREGATE SURFACE COURSE, TYPE B."
- 5. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS
- 6. TYPE II BARRICADES SHALL BE PROVIDED AS SHOWN IN THE PLANS AND SPACED 50 FEET CENTER TO CENTER ON TANGENT, AND 15 FEET CENTER TO CENTER ON TAPERS AND CURVES.
- 7. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE AND EROSION CONTROL PROTECTION DURING ALL PHASES OF CONSTRUCTION.
- 8. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
- 9. THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION.
- 10. THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACED TWO WEEKS BEFORE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH, "CHANGEABLE MESSAGE SIGN".
- 11. THE CONTRACTOR SHALL PLACE "DRIVEWAY ENTRANCE" SIGNS AT EVERY COMMERCIAL ENTRANCE WITHIN THE PROJECT LIMITS WHERE ENTRANCE IS OBSTRUCTED DUE TO CONSTRUCTION AND/OR AS DIRECTED BY THE ENGINEER. SEE TEMPORARY INFORMATION SIGNS SHEET.
- 12. ALL TEMPORARY INFORMATION SIGNS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER LUMP SUM FOR "TRAFFIC CONTROL AND PROTECTION SPECIAL".

STAGE I CONSTRUCTION

- 1. PERFORM HMA SURFACE REMOVAL AND THEN HMA PATCHING AS NOTED IN THE PLANS UTILIZE STANDARD TRAFFIC CONTROL.
- 2. PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY EROSION CONTROL MEASURES FOR STAGE I CONSTRUCTION AND SHIFT TRAFFIC TO THE STAGE I CONFIGURATION PER PLAN.
- 3. WIDEN NORTH SIDE OF US ROUTE 20, CONSTRUCT SHOULDERS, REGRADE EXISTING DITCHES AND INSTALL DRAINAGE ITEMS. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS.
- 4. REMOVE CONFLICTING PAVEMENT MARKINGS AND PLACE STAGE II TEMPORARY PAVEMENT MARKINGS FOR STAGE II CONSTRUCTION.

STAGE II CONSTRUCTION

- 1. SHIFT TRAFFIC TO THE STAGE II CONFIGURATION.
- 2. WIDEN SOUTH SIDE OF US ROUTE 20, CONSTRUCT SHOULDER, REGRADE EXISTING DITCHES AND INSTALL DRAINAGE ITEMS. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS.

STAGE III CONSTRUCTION

- 1. PLACE HMA BINDER AND SURFACE COURSE. UTILIZE STANDARD TRAFFIC CONTROL.
- 2. PLACE FINAL PAVEMENT MARKINGS AND PERMANENT SEEDING UTILIZE STANDARD TRAFFIC CONTROL.

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PLOT SCALE : 1/8"=1'-0"
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DATE -	4/9/2010	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

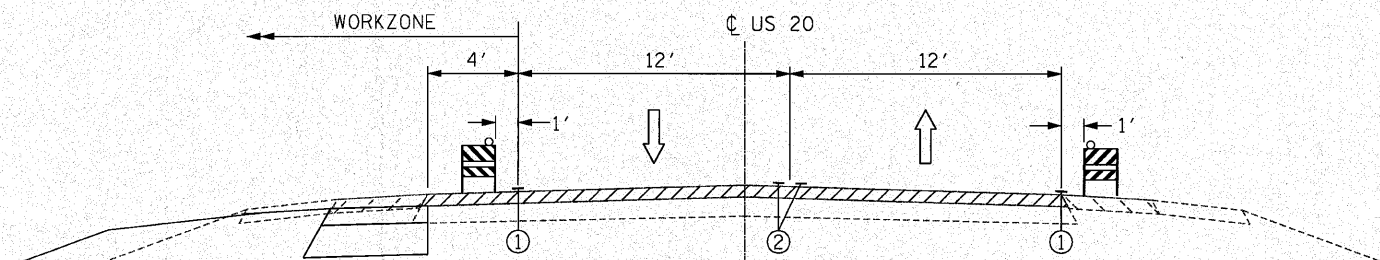
SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
GENERAL NOTES AND DESCRIPTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	18
CONTRACT NO.				62529

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

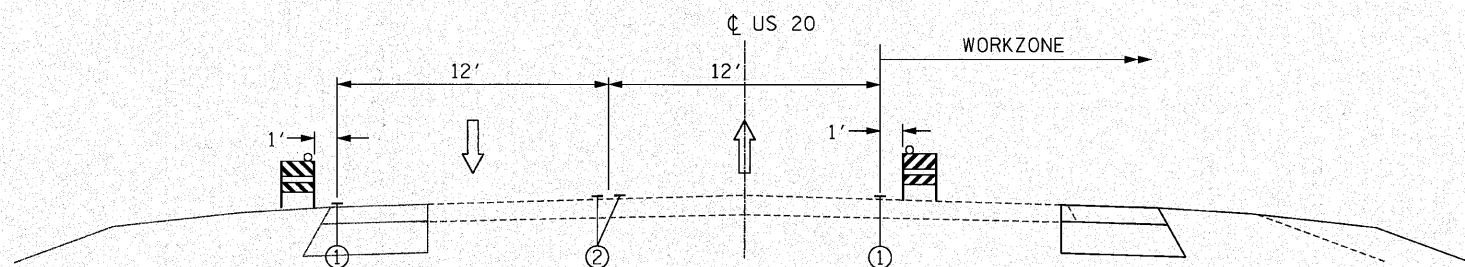
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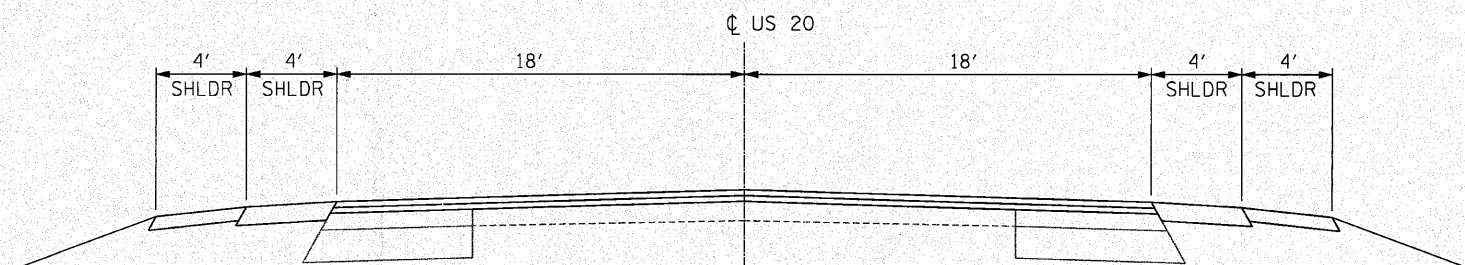
STAGE 1 TYPICAL SECTION
US ROUTE 20

LEGEND

- ① 4 INCH WHITE EDGE LINE
- ② 4" DOUBLE YELLOW CENTERLINE

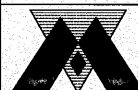


STAGE 2 TYPICAL SECTION
US ROUTE 20



STAGE 3 TYPICAL SECTION
US ROUTE 20

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD**

**SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
TYPICAL SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	19
CONTRACT NO. 62529				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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DATE: 4-20-2010



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DATE	- 4/20/2010	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

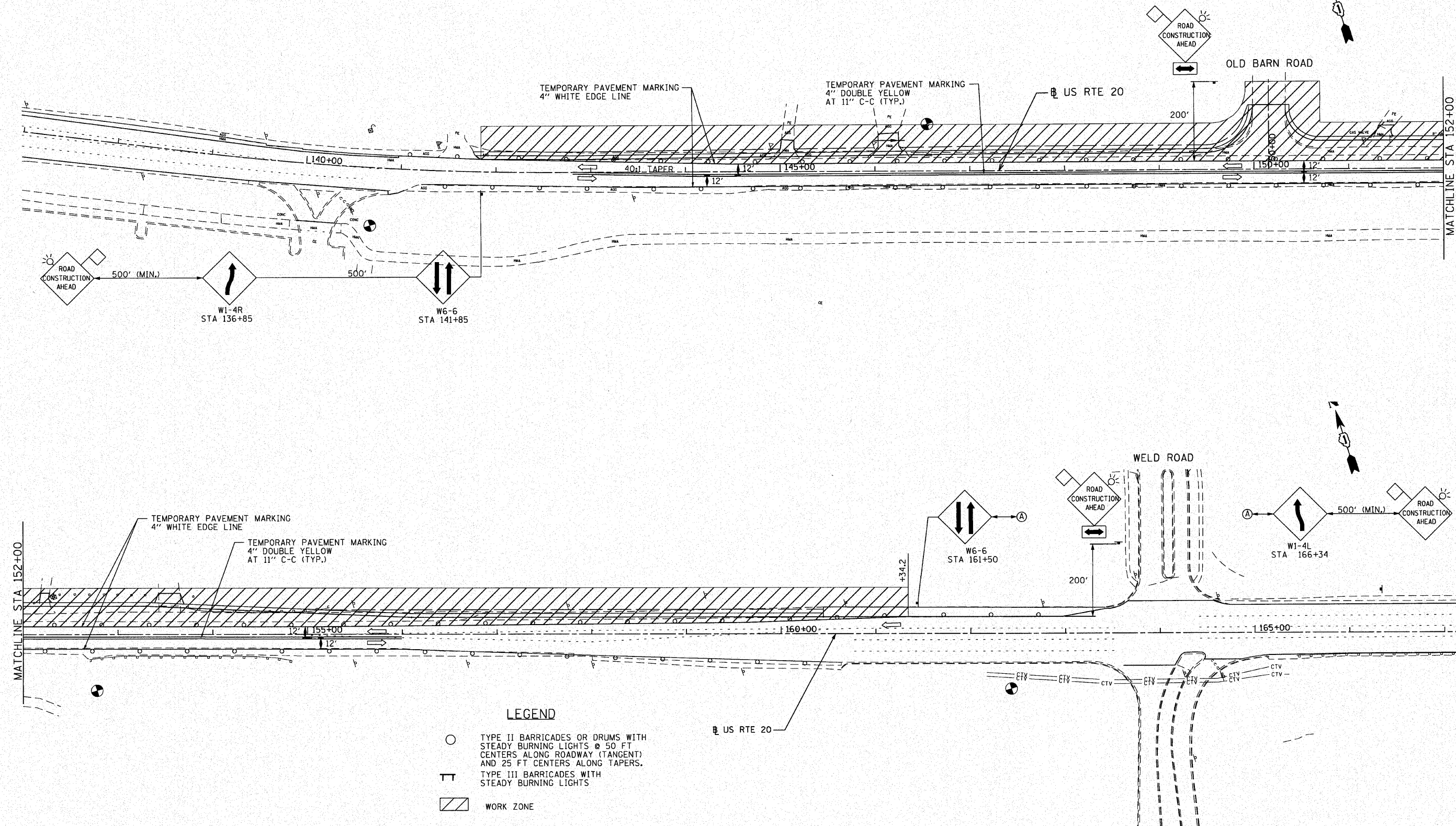
U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

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

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE - 1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BWRS-2	KANE	72	20
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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MOT-11

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PLOT SCALE = 1"=50'
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DATE - 4/20/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

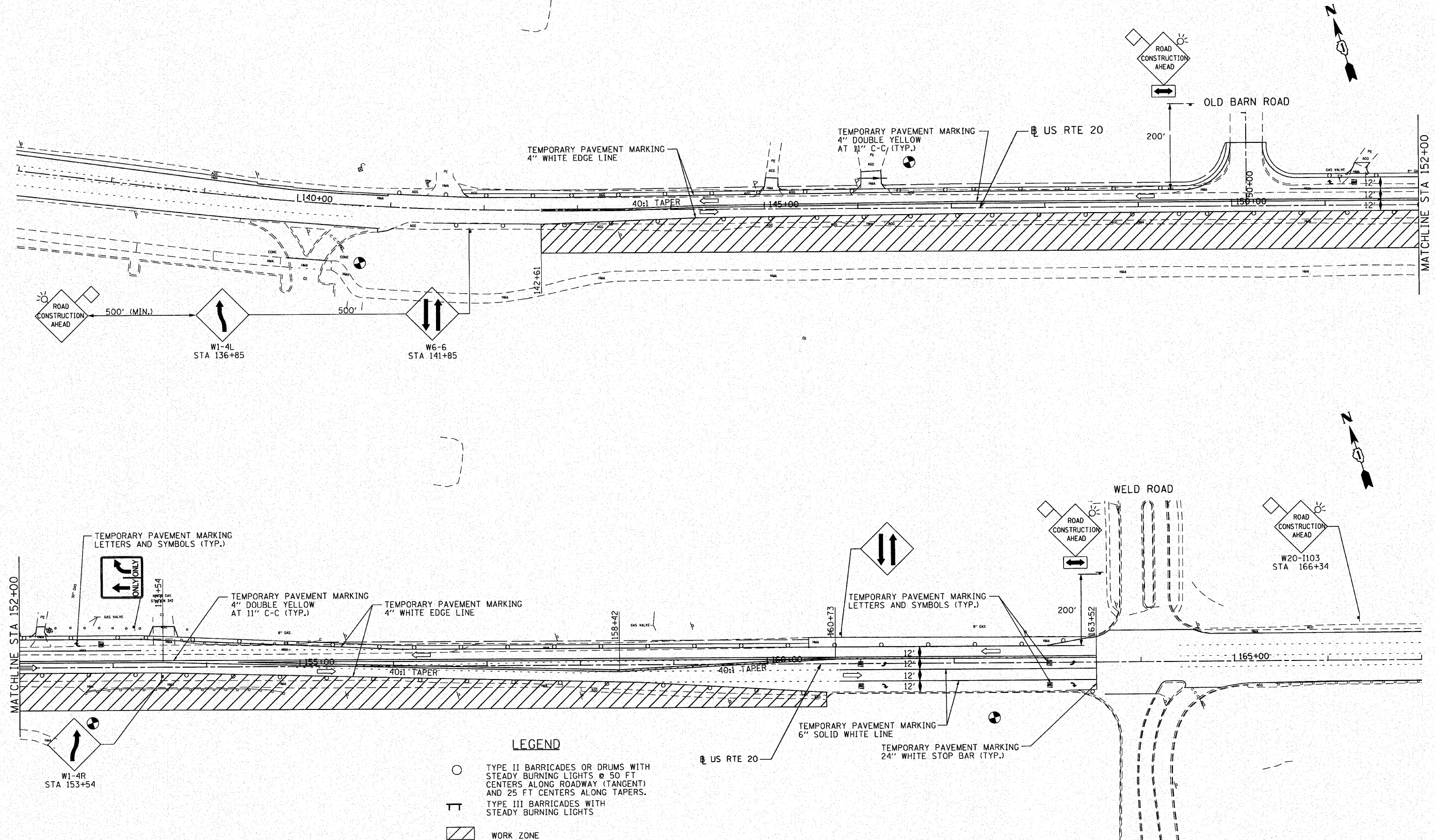
U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

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

SUGGESTED STAGES OF CONSTRUCTION
AND TRAFFIC CONTROL
STAGE - 2

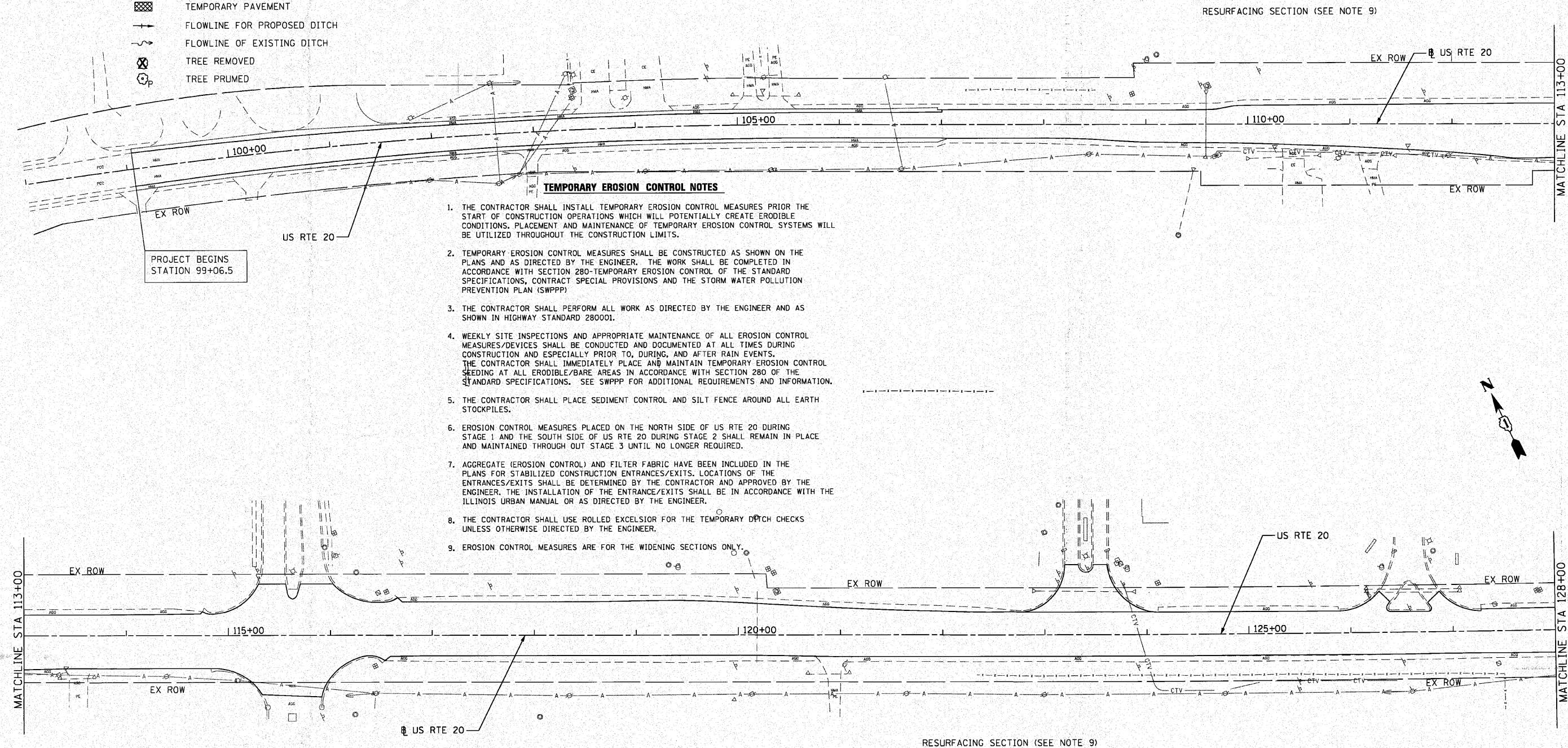
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	21
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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MOT-21

- LEGEND**
- TEMPORARY DITCH CHECK, ROLLED EXCELSIOR SPACED 150' (TYP), UNLESS NOTED OTHERWISE ON THE PLANS (SEE STD 280001)
 - SEDIMENT CONTROL, SILT FENCE (SEE STD 280001)
 - INLET AND PIPE PROTECTION (SEE STANDARD 280001)
 - TEMPORARY FENCE
 - CONSTRUCTION WORK ZONE
 - TEMPORARY PAVEMENT
 - FLOWLINE FOR PROPOSED DITCH
 - FLOWLINE OF EXISTING DITCH
 - TREE REMOVED
 - TREE PRUNED



- TEMPORARY EROSION CONTROL NOTES**
- THE CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES PRIOR THE START OF CONSTRUCTION OPERATIONS WHICH WILL POTENTIALLY CREATE ERODIBLE CONDITIONS. PLACEMENT AND MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS WILL BE UTILIZED THROUGHOUT THE CONSTRUCTION LIMITS.
 - TEMPORARY EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 280-TEMPORARY EROSION CONTROL OF THE STANDARD SPECIFICATIONS, CONTRACT SPECIAL PROVISIONS AND THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
 - THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN HIGHWAY STANDARD 280001.
 - WEEKLY SITE INSPECTIONS AND APPROPRIATE MAINTENANCE OF ALL EROSION CONTROL MEASURES/DEVICES SHALL BE CONDUCTED AND DOCUMENTED AT ALL TIMES DURING CONSTRUCTION AND ESPECIALLY PRIOR TO, DURING, AND AFTER RAIN EVENTS. THE CONTRACTOR SHALL IMMEDIATELY PLACE AND MAINTAIN TEMPORARY EROSION CONTROL SEEDING AT ALL ERODIBLE/BARE AREAS IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. SEE SWPPP FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
 - THE CONTRACTOR SHALL PLACE SEDIMENT CONTROL AND SILT FENCE AROUND ALL EARTH STOCKPILES.
 - EROSION CONTROL MEASURES PLACED ON THE NORTH SIDE OF US RTE 20 DURING STAGE 1 AND THE SOUTH SIDE OF US RTE 20 DURING STAGE 2 SHALL REMAIN IN PLACE AND MAINTAINED THROUGH OUT STAGE 3 UNTIL NO LONGER REQUIRED.
 - AGGREGATE (EROSION CONTROL) AND FILTER FABRIC HAVE BEEN INCLUDED IN THE PLANS FOR STABILIZED CONSTRUCTION ENTRANCES/EXITS. LOCATIONS OF THE ENTRANCES/EXITS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE INSTALLATION OF THE ENTRANCE/EXITS SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL OR AS DIRECTED BY THE ENGINEER.
 - THE CONTRACTOR SHALL USE ROLLED EXCELSIOR FOR THE TEMPORARY DITCH CHECKS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 - EROSION CONTROL MEASURES ARE FOR THE WIDENING SECTIONS ONLY.

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DATE - 4/9/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD**

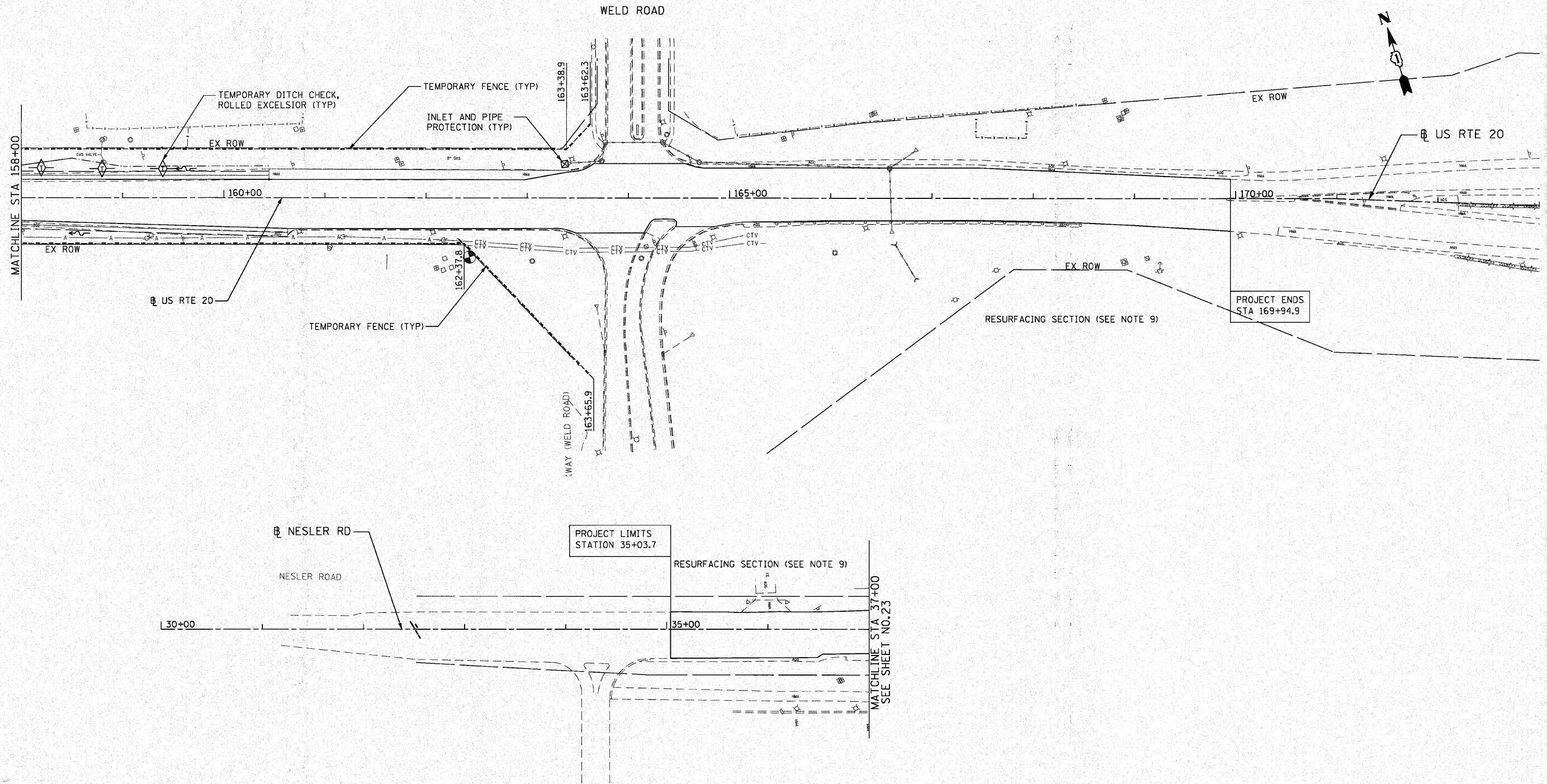
EROSION CONTROL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	22
CONTRACT NO. 62529				

FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT
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ERO-1



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DATE - 4/9/2010	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
 EAST OF PLANK ROAD TO WELD ROAD

EROSION CONTROL PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	24
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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ERO-3

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PLOT SCALE = 50.0000 / IN.
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

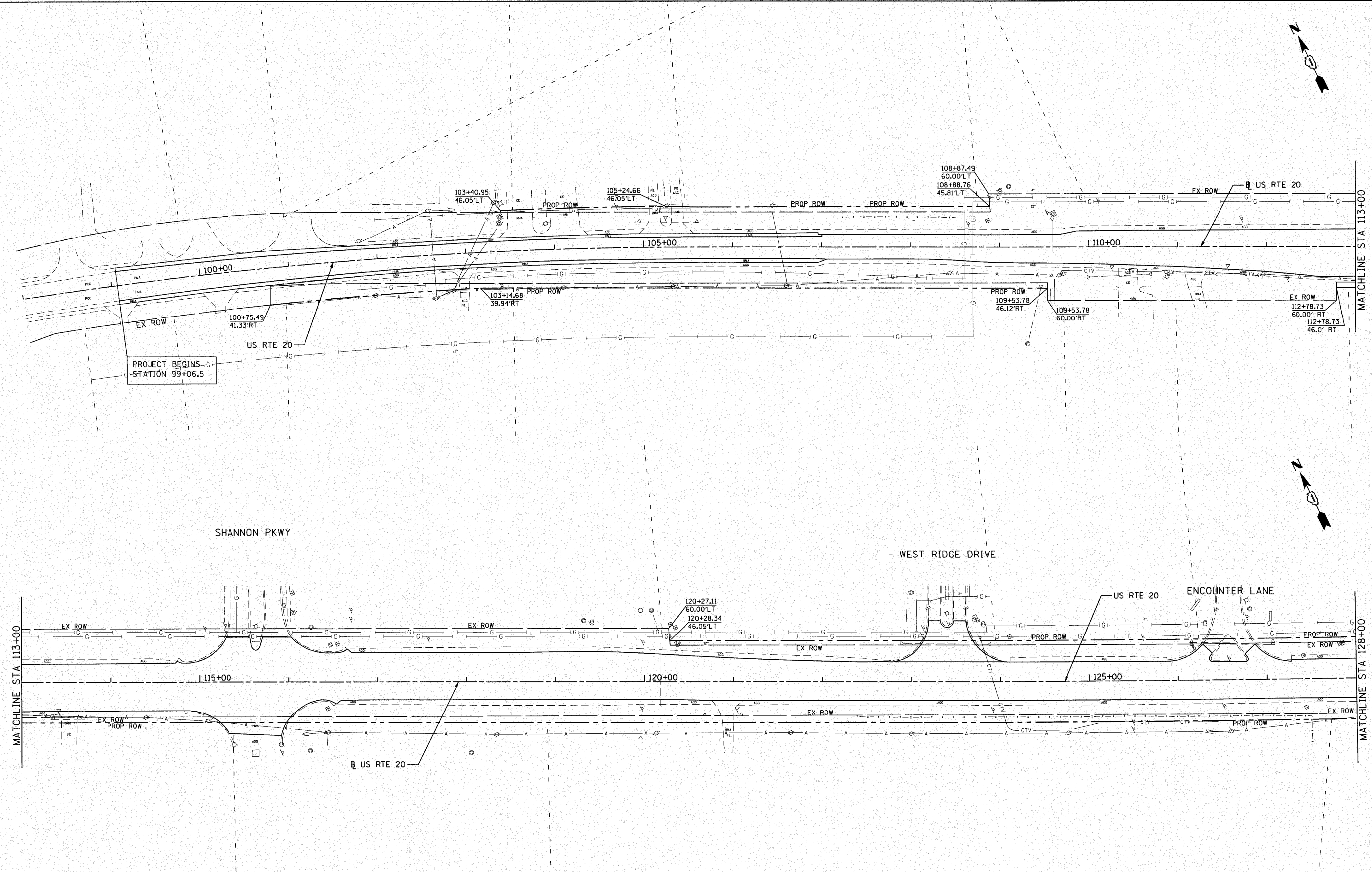
U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

DRAINAGE & UTILITY PLANS

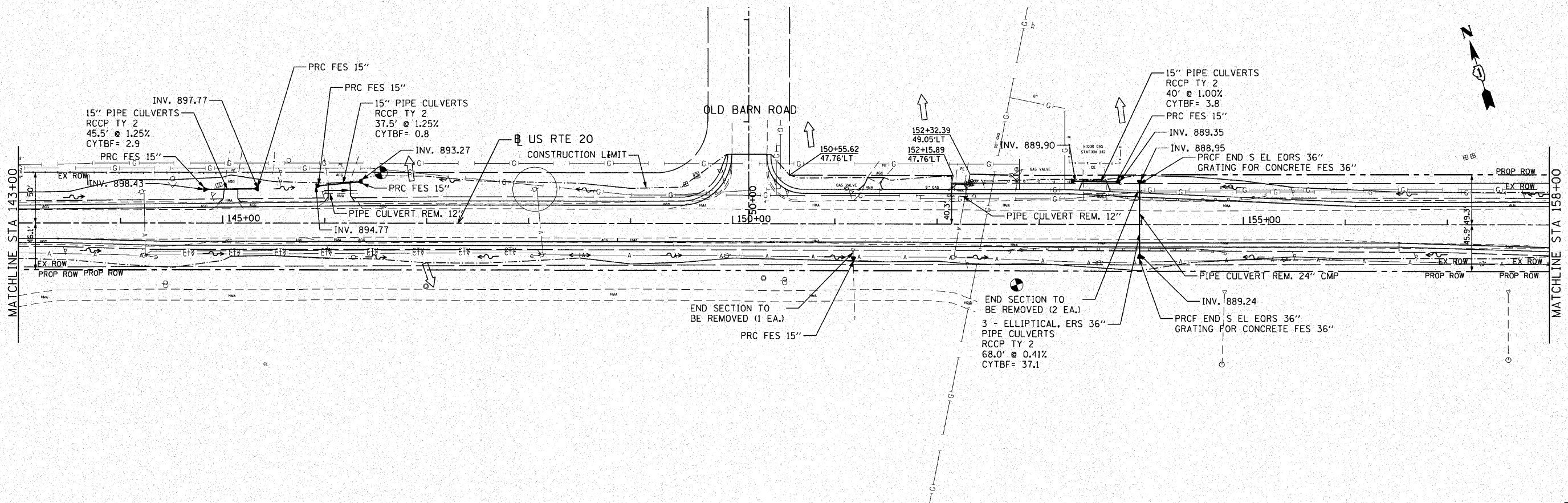
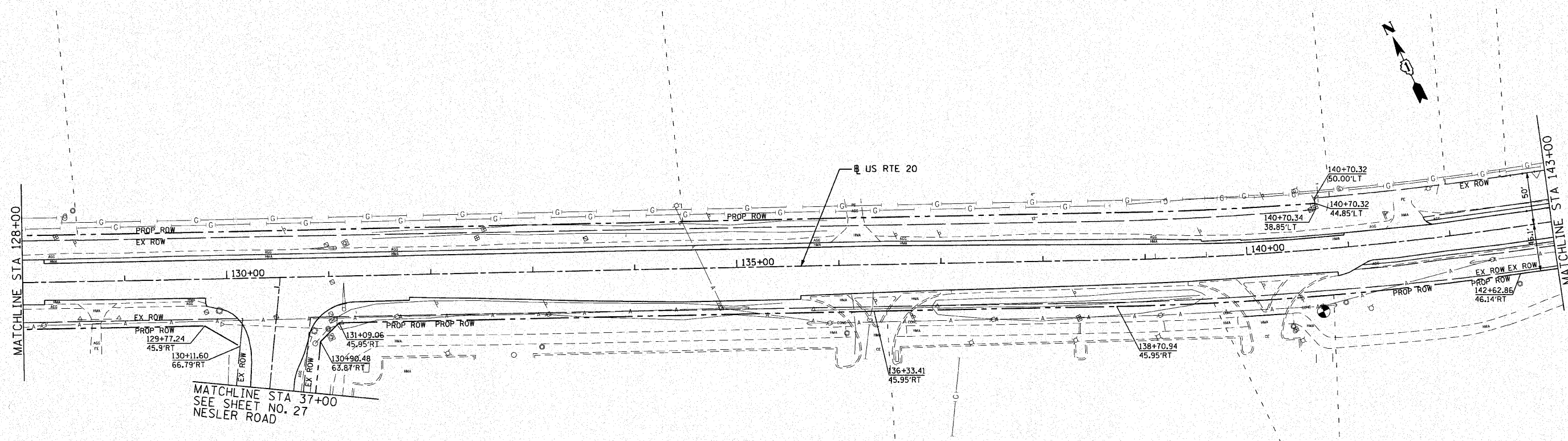
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	25
CONTRACT NO. 62529				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
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DATE - 10/26/2010	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 20
 EAST OF PLANK ROAD TO WELD ROAD**

DRAINAGE & UTILITY PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	26
CONTRACT NO. 62529				

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

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

P:\2005\ME9006_Ver-Var-Phil\CADD\W05_US20_Shts\162529-shd-DRAIN2.dgn

DU-2

FILE NAME = P:\2009\ME09066_Ver_Ver_Plan\ADD\W05_US20\Sh11\DI62529-sh1-DRAIN3.dgn
PLOT SCALE = 50.0000' / IN.
USER NAME = Millennia Professional Services



200 22ND Street, Suite 216, Lombard, IL 60148
630.705.0110 voice, 630.839.2566 fax
WWW.MPS-IL.COM

MILLENNIA PROFESSIONAL SERVICES

DESIGNED	IVN	REVISED	-
DRAWN	IVN	REVISED	-
CHECKED	BPD	REVISED	-
DATE	10/26/2010	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

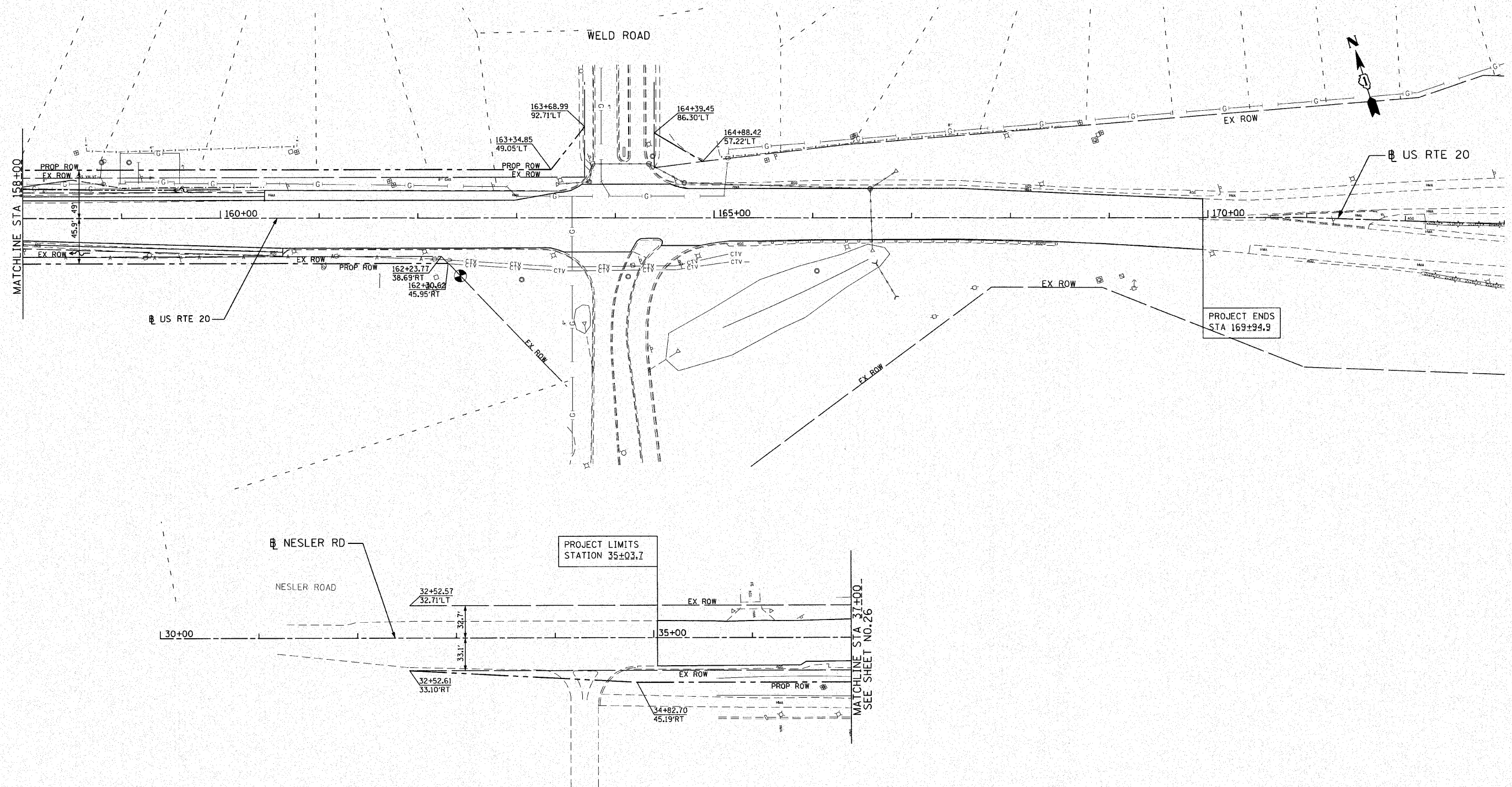
U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

DRAINAGE & UTILITY PLANS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WBS-2	KANE	27	27
CONTRACT NO. 62529				

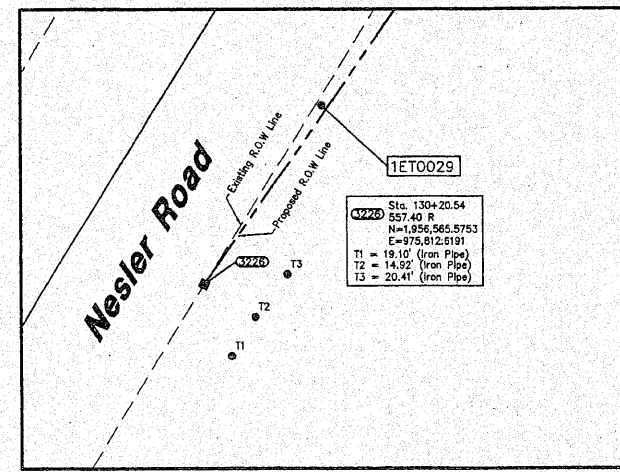
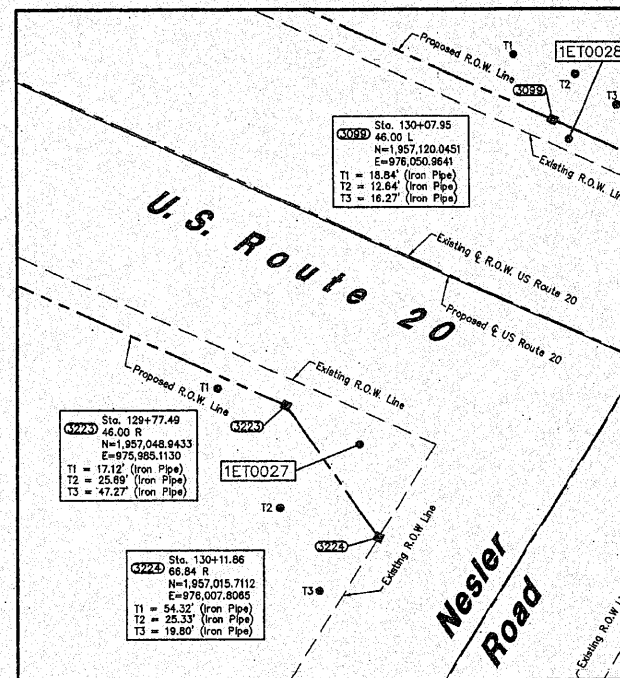
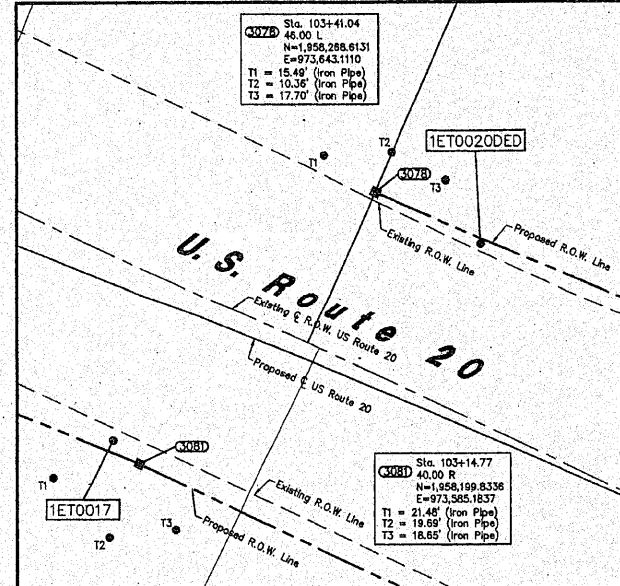
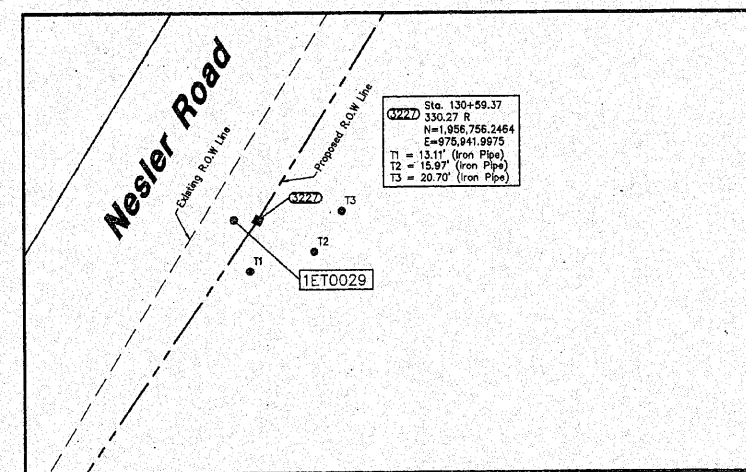
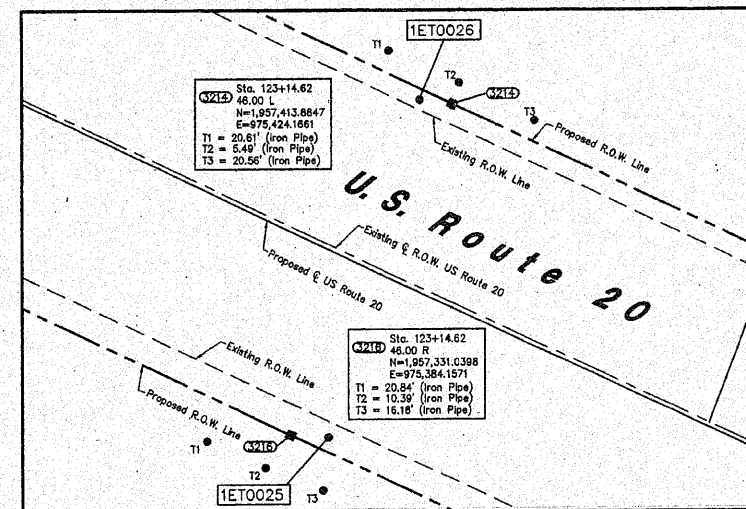
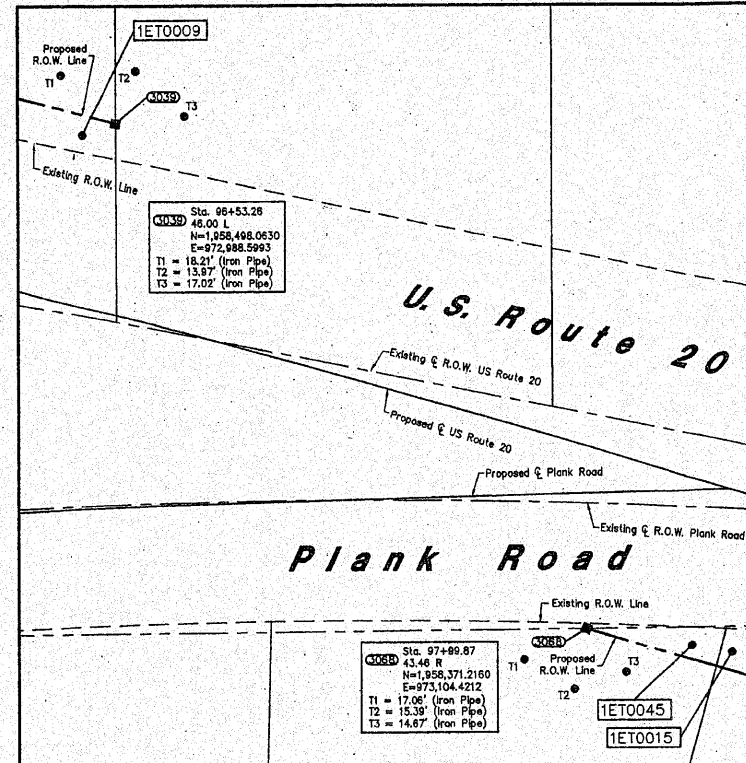
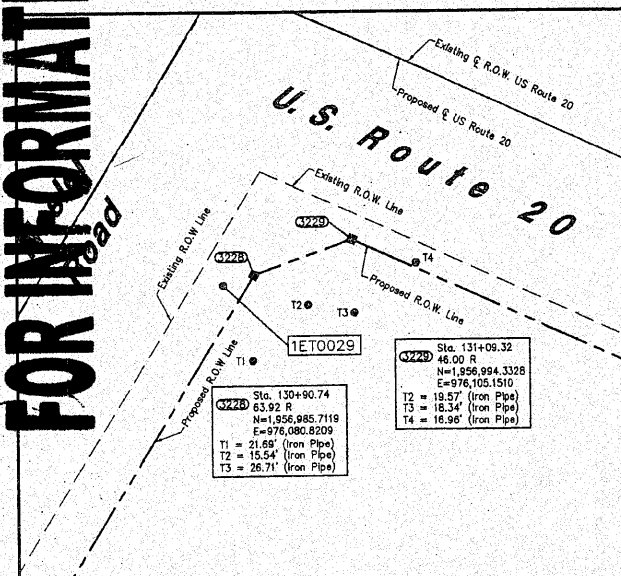
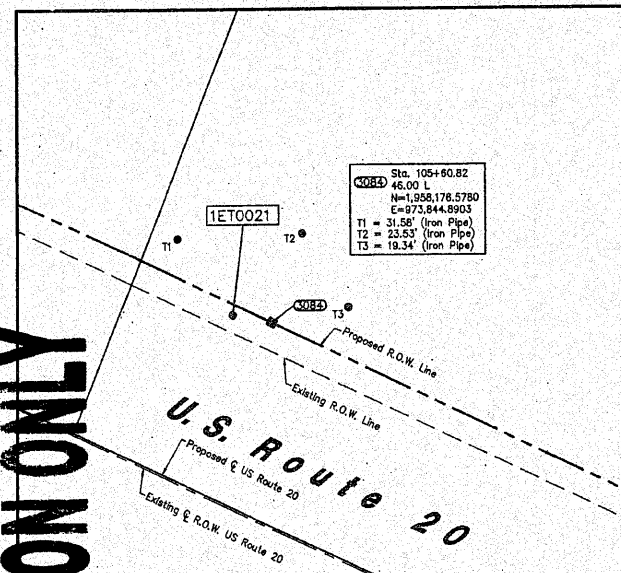
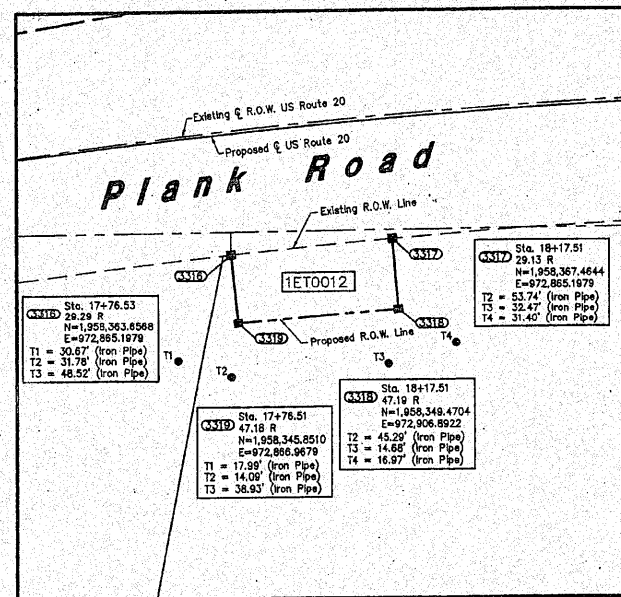
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

P:\2009\ME09066_Ver_Ver_Plan\ADD\W05_US20\Sh11\DI62529-sh1-DRAIN3.dgn



DU-3

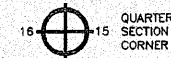
FOR INFORMATION ONLY



CONTRACT 62529 SHEET 27 J/12

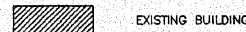


SECTION CORNER



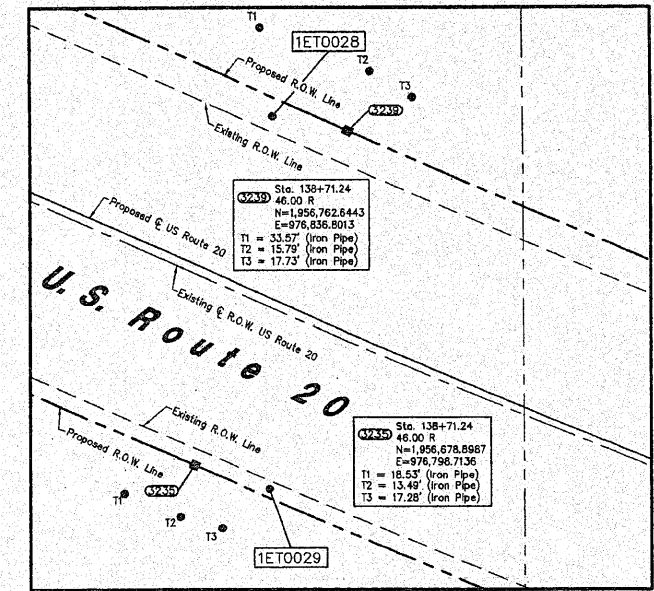
QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA



EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- BT2 STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT3 PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



2007K088001

SANDY WEGMAN
RECORDER - KANE COUNTY, IL
RECORDED: 8/23/2007 12:46 PM
REC FEE: 70.00
PAGES: 15

Mail To:
Illinois Department of Transportation
ATTN: Land Acquisition - 3rd Floor
201 West Center Court
Schaumburg, IL 60196-1096



W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
39 EAST SCULLY DRIVE
SCHAUMBURG, ILLINOIS 60193
ph. (847)895-3640
fax. (847)895-9985

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION N/A TO STATION N/A
SCALE: N/A SHEET 14 OF 15

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

LEGEND



SECTION CORNER



QUARTER SECTION CORNER



SECTION LINE



QUARTER SECTION LINE



PLATTED LOT LINE



PROPERTY (DEED) LINE



APL



APPARENT PROPERTY LINE



CENTERLINE



EXISTING RIGHT OF WAY LINE



PROPOSED RIGHT OF WAY LINE



PROPOSED EASEMENT



MEASURED DIMENSION



COMPUTED DIMENSION



RECORD DATA



EXISTING BUILDING



IRON PIPE OR ROD FOUND



CUT CROSS FOUND OR SET



PK NAIL SET



REPLACED AFTER CONSTRUCTION



T1



T2



T3



BT1



BT2



BT3



STAKING OF PROPOSED RIGHT OF WAY



STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS



PERMANENT SURVEY MARKER



RIGHT OF WAY STAKING PROPOSED TO BE SET

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

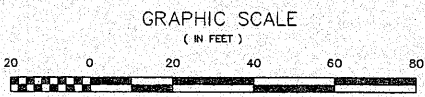
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STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

2007K088001
SANDY WEGMAN
RECORDER - KANE COUNTY, IL
RECORDED: 8/23/2007 12:46 PM
REC FEE: 70.00
PAGES: 15





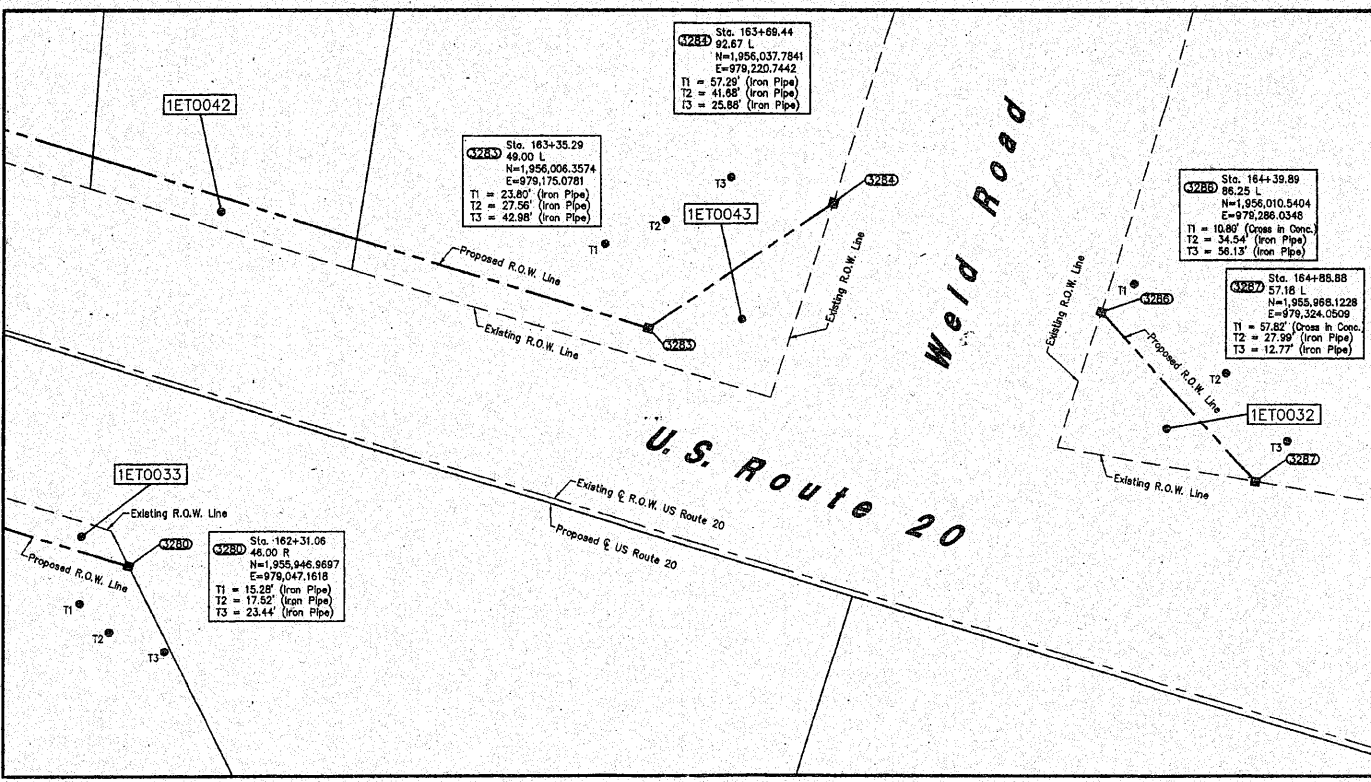
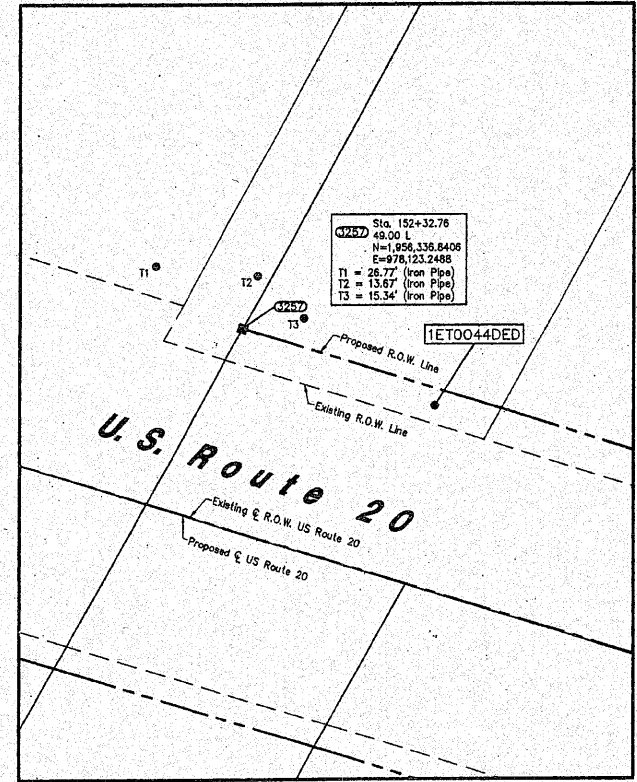
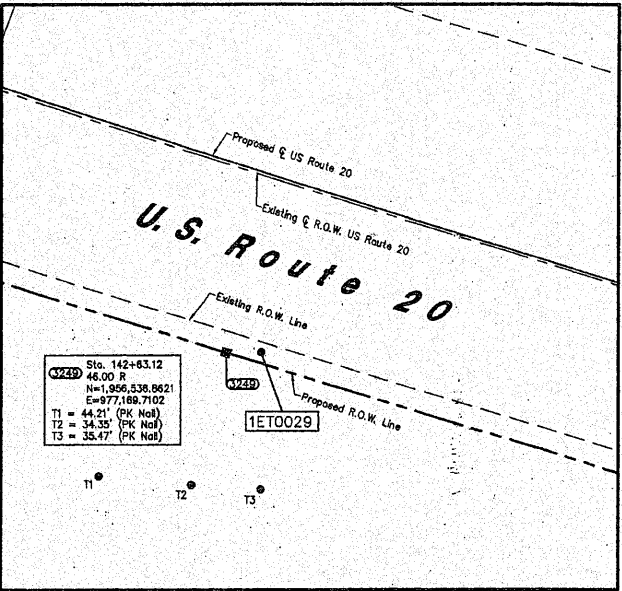
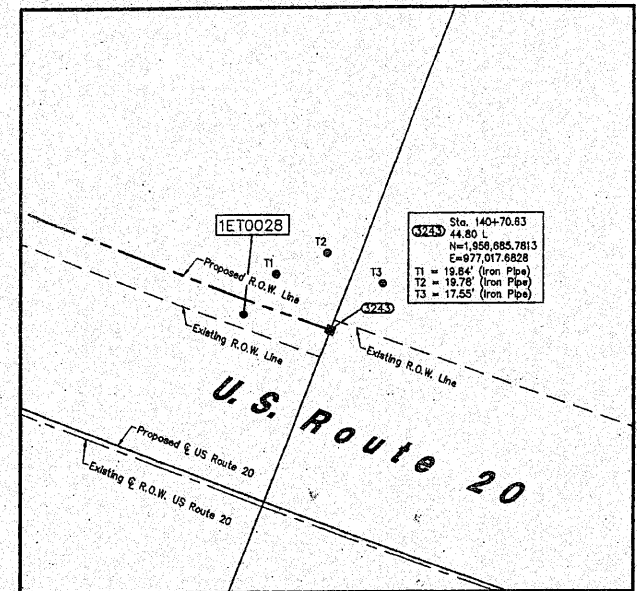
W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
39 EAST SCULLY DRIVE
SCHAUMBURG, ILLINOIS 60193
ph. (847)895-3640
fax. (847)895-9985

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION N/A TO STATION N/A
SCALE: N/A SHEET 15 OF 15

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

Mail To:
Illinois Department of Transportation
ATTN: Land Acquisition - 3rd Floor
201 West Center Court
Schaumburg, IL 60196-1096



FOR INFORMATION ONLY

PART OF THE S/ 1/2 OF SEC. 7 & THE N 1/2 OF SEC. 18, T41N, R8E OF THE 3RD P.M., KANE COUNTY, ILLINOIS

CONTRACT 62529 SHEET 27A/72

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1ET0023	Ben Henriksen and Mark A. Ladebuhr	3.000	0.282	2.738	0.228	N/A	N/A	08-18-200-005	2005K080413

LEGEND

SECTION CORNER
QUARTER SECTION CORNER

SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE

APL
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET

PK NAIL SET
REPLACED AFTER CONSTRUCTION

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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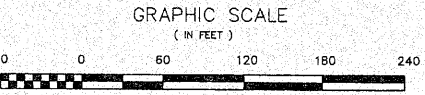
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STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.



- NOTES:
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99997503
 - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM. TAKEN FROM NGS MONUMENT SHEETS.
 - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
 - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED. SHEETS 13, 14 & 15 ARE FOR MONUMENT TIES.
 - BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TACKS ON SAID PROPERTY, IN WHICH THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

Point No.	Station	Offset	Northing	Easting
3200	108+88.87	46.00 L	1,958,033.9144	974,140.2976
3201	108+89.43	39.76 L	1,958,028.0547	974,138.0284
3202	108+89.84	40.17 R	1,957,928.0645	974,161.3251
3203	108+53.91	48.00 R	1,957,922.7836	974,158.8591
3204	110+05.31	0.13 R	1,957,941.7434	974,225.0870
3205	110+78.82	40.05 R	1,957,873.8205	974,273.9265
3206	110+78.90	48.00 R	1,957,868.4295	974,271.4077
3207	112+78.82	39.85 R	1,957,787.0223	974,454.1045
3208	112+78.88	48.00 R	1,957,781.4815	974,451.4886
3209	115+25.12	39.82 R	1,957,850.1237	974,575.9958
3210	115+25.18	46.00 R	1,957,874.3497	974,673.2801
3211	123+14.62	0.00	1,957,372.4622	975,404.1616
3299	120+29.00	40.87 L	1,957,833.4744	975,164.7386
3300	120+28.54	48.00 L	1,957,538.2923	975,166.5594

STATE OF ILLINOIS } SS
COUNTY OF COOK }

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE SOUTH HALF OF SECTION 7 AND THE NORTH HALF OF SECTION 18, ALL IN TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS _____ DAY OF _____ A.D. 2009.
AT HOFFMAN ESTATES, ILLINOIS.

W-T LAND SURVEYING, INC.

FRANJO I. MATIC - PLS #035-003556 EXPIRES 11/30/2010
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-004387

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS

2615 Prater Avenue
Hoffman Estates, Illinois 60132
PH: (224) 293-6333 FAX: (224) 293-6444
www.wtlandsurveying.com

IL License No.: 184-004387 Exp: 04/30/10

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION 108+88.89 TO STATION 120+29.00
SCALE: 1"=60' SHEET 5a OF 1

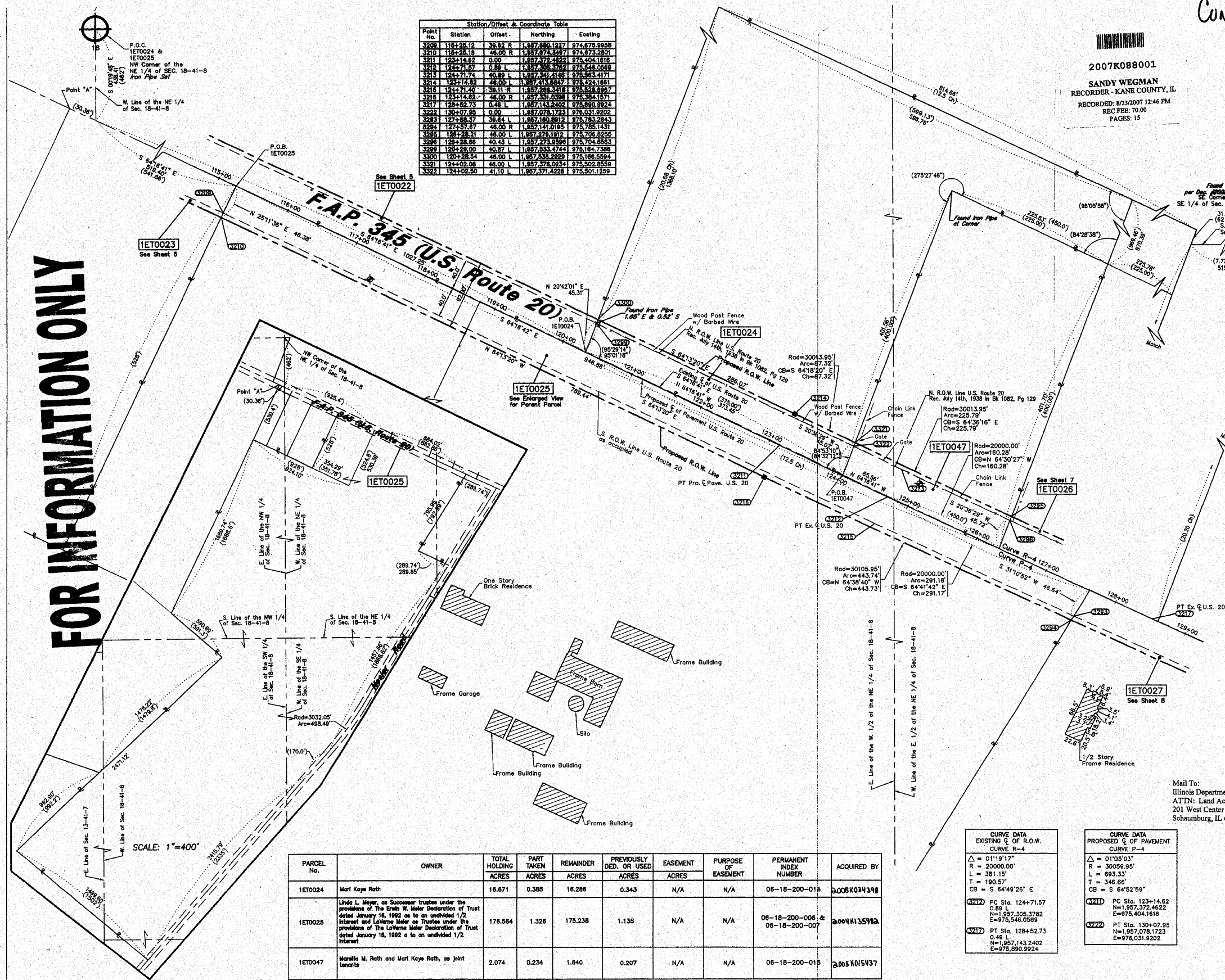
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

AS DOCUMENT NO.

5/28/09	Renumbered sheet to 5a of 1	MWO
5/21/09	Removed Parcels 1ET0018, 1ET0019 & 1ET0022 to show newly recorded dedications	MWO
9/3/04	Issued final mylars	MWO
8/25/04	Revised total holding for Parcel 0022 due to an additional exception in title report	MWO
3/23/04	Ownership change on Parcel 0019	MWO
10/13/03	Ownership change on Parcel 0022 & removed record bearings	MWO
10/1/03	Revised per IDOT Land Acq. Comments	MWO
7/18/03	Revised all parcels to proposed alignment	MWO

FOR INFORMATION ONLY

FOR INFORMATION ONLY



PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1ET0024	Marl Kaye Roth	16.671	0.385	16.286	0.343	N/A	N/A	06-18-200-014	3006K034398
1ET0025	Linda L. Meyer, as Successor trustee under the provisions of The Earl W. Meyer Declaration of Trust dated January 16, 1992 as to an undivided 1/2 interest and LaVerne Meyer as Trustee under the provisions of The LaVerne Meyer Declaration of Trust dated January 16, 1992 as to an undivided 1/2 interest	178.564	1.328	178.236	1.135	N/A	N/A	06-18-200-006 & 06-18-200-007	3004K135592
1ET0047	Marcelle M. Roth and Marl Kaye Roth, as joint tenants	2.074	0.234	1.840	0.207	N/A	N/A	06-18-200-015	3005K015437

CURVE DATA EXISTING & OF R.O.W. CURVE R-4	
Δ = 01°19'17"	
R = 20000.00'	
L = 381.15'	
T = 190.57'	
CB = S 64°49'26" E	
PC Sta. 124+71.57	
PT Sta. 128+52.73	
N=1,957,413.2402	
E=975,890.9924	

CURVE DATA PROPOSED & OF PAVEMENT CURVE P-4	
Δ = 01°05'03"	
R = 30059.95'	
L = 693.33'	
T = 346.66'	
CB = S 64°52'59" E	
PC Sta. 123+14.52	
PT Sta. 130+07.95	
N=1,957,078.1723	
E=976,031.8202	

12/1/04	Revised parcel 1ET0047, issued revised plat	MWO
8/25/04	Issued final plat	MWO
8/25/04	Revised ownership on parcels 1ET0024, 1ET0025 & 1ET0047	MWO
10/13/03	Removed record bearings	MWO
10/1/03	Revised per IDOT Land Acq. Comments	MWO
7/18/03	Revised all parcels to proposed alignment	MWO

JOB NO. R-91-069-01

RECORDING: RECORDED ON

AS DOCUMENT NO.

CONTRACT 62529 SHEET 27B/72

2007K088001
SANDY WEGMAN
RECORDER - KANE COUNTY, IL
RECORDED: 8/23/2007 12:46 PM
REC.FEE: 70.00
PAGES: 15



SECTION CORNER



QUARTER SECTION CORNER

- SECTION LINE
QUARTER SECTION LINE
QUARTER QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
APL
APPARENT PROPERTY LINE
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EXISTING BUILDING

- IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET.

GRAPHIC SCALE
(IN FEET)



- NOTES:
1. COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99997503
2. ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NGS MONUMENT SHEETS.
3. SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
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5. BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS }
COUNTY OF COOK }

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 7, 18, AND 19, ALL IN TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 15th DAY OF DECEMBER, A.D. 2004.

AT SCHAUMBURG, ILLINOIS.

W-T LAND SURVEYING, INC.

ILLINOIS PROFESSIONAL LAND SURVEY CORPORATION
IL LICENSE NO. 184-001108

W-T

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
39 EAST SCULLY DRIVE
SCHAUMBURG, ILLINOIS 60193
ph. (847)895-3640
fax. (847)895-9985

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION 115+25.12 TO STATION 125+64.86
SCALE: 1"=60' SHEET 6 OF 15

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

FOR INFORMATION ONLY

CONTRACT 62529 SHEET 27C/72
LEGEND

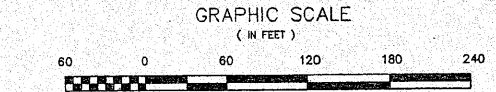


2007K088001

SANDY WEGMAN
RECORDER - KANE COUNTY, IL
RECORDED: 8/23/2007 12:46 PM
REC TIME: 70.00
PAGES: 15

Point No.	Station	Offset	Northing	Easting
3208	130+07.85	48.00 L	1,957,120.0451	975,080.6841
3211	123+14.82	0.00	1,957,372.4822	975,404.1816
3212	124+71.57	0.89 L	1,957,305.3782	975,548.0569
3217	128+52.73	0.49 L	1,957,143.2402	975,890.9924
3220	128+52.84	40.49 L	1,957,179.8008	975,907.8627
3221	128+52.83	48.49 L	1,957,185.0500	975,910.1637
3222	130+07.85	0.00	1,957,078.1723	975,031.9202
3237	138+42.70	2.12 R	1,956,730.6608	976,780.8982
3238	138+42.82	37.85 L	1,956,767.6222	976,807.5650
3239	138+71.24	46.00 L	1,956,782.4443	976,836.8013
3240	138+71.24	0.00	1,956,720.7781	976,817.7574
3241	138+56.80	1.73 R	1,956,681.5489	976,878.5954
3242	140+70.85	36.80 L	1,956,680.1888	977,015.5622
3243	140+70.85	46.00 L	1,956,686.8972	977,018.1322
3245	128+52.81	46.00 L	1,957,172.1912	975,708.1255
3246	128+52.86	40.43 L	1,957,273.9288	975,704.8583
3257	128+56.99	46.00 L	1,957,182.7883	975,913.9214
3258	128+57.44	40.50 L	1,957,177.8036	975,912.0192

CURVE DATA EXISTING & OF R.O.W. CURVE R-5	CURVE DATA PROPOSED & OF PAVEMENT CURVE P-5
$\Delta = 07^{\circ}11'15''$ $R = 3325.00'$ $L = 420.58'$ $T = 210.58'$ $CB = S 65^{\circ}59'37'' E$	$\Delta = 07^{\circ}00'49''$ $R = 3201.35'$ $L = 391.87'$ $T = 196.18'$ $CB = S 69^{\circ}03'02'' E$
$\Delta = 07^{\circ}11'15''$ $R = 3325.00'$ $L = 420.58'$ $T = 210.58'$ $CB = S 65^{\circ}59'37'' E$	$\Delta = 07^{\circ}00'49''$ $R = 3201.35'$ $L = 391.87'$ $T = 196.18'$ $CB = S 69^{\circ}03'02'' E$



- NOTES:
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99997503
 - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NGS MONUMENT SHEETS.
 - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
 - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED. SHEETS 13, 14, & 15 ARE FOR MONUMENT TIES.
 - BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS } SS
COUNTY OF COOK }

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THAT PART OF SECTION 7, 8, 17, & 18, ALL IN TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE, AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL OF OFFICE OF DECEMBER 1, 2004, AT SCHAMBURG, ILLINOIS.

W-T LAND SURVEYING, INC.



W-T

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
39 EAST SOULLY DRIVE
SCHAMBURG, ILLINOIS 60193
ph. (847)895-3640
fax. (847)895-9985

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION 126+28.18 TO STATION 140+70.65
SCALE: 1"=60' SHEET 7 OF 15

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196-1096

AS DOCUMENT NO.

CURVE DATA EXISTING & OF R.O.W. CURVE R-4	CURVE DATA PROPOSED & OF PAVEMENT CURVE P-4
$\Delta = 01^{\circ}19'17''$ $R = 20000.00'$ $L = 381.15'$ $T = 190.57'$ $CB = S 64^{\circ}49'26'' E$	$\Delta = 01^{\circ}05'03''$ $R = 30059.95'$ $L = 693.33'$ $T = 346.86'$ $CB = S 64^{\circ}52'59''$
PC Sta. 124+71.57 0.89 L N=1,957,305.3782 E=975,548.0569	PC Sta. 123+14.82 N=1,957,372.4822 E=975,404.1616
PT Sta. 128+52.73 0.49 L N=1,957,143.2402 E=975,890.9924	PT Sta. 130+07.85 N=1,957,078.1723 E=975,031.9202

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1ET0028	Morrell M. Roth	7.008	0.239	6.769	0.210	N/A	N/A	06-18-200-016	20051015436
1ET0028	Chicago Title and Trust Company, as Trustee under the provisions of a Trust Agreement dated June 8, 1993 and known as Trust Number 1068518	110.225	1.305	108.920	1.115	N/A	N/A	06-17-100-023, 06-18-200-017 & 018	05 ETK II

ROUTE FAP 345 (US ROUTE 20)

SECTION PLANK ROAD TO WELD ROAD

COUNTY KANE

JOB NO. R-91-069-01

RECORDING: RECORDED ON

PART OF THE W 1/2 OF SEC. 17, E 1/2 OF SEC 18 & NE 1/4 OF SEC 19, T41N, R8E OF THE 3RD P.M., KANE COUNTY, ILLINOIS

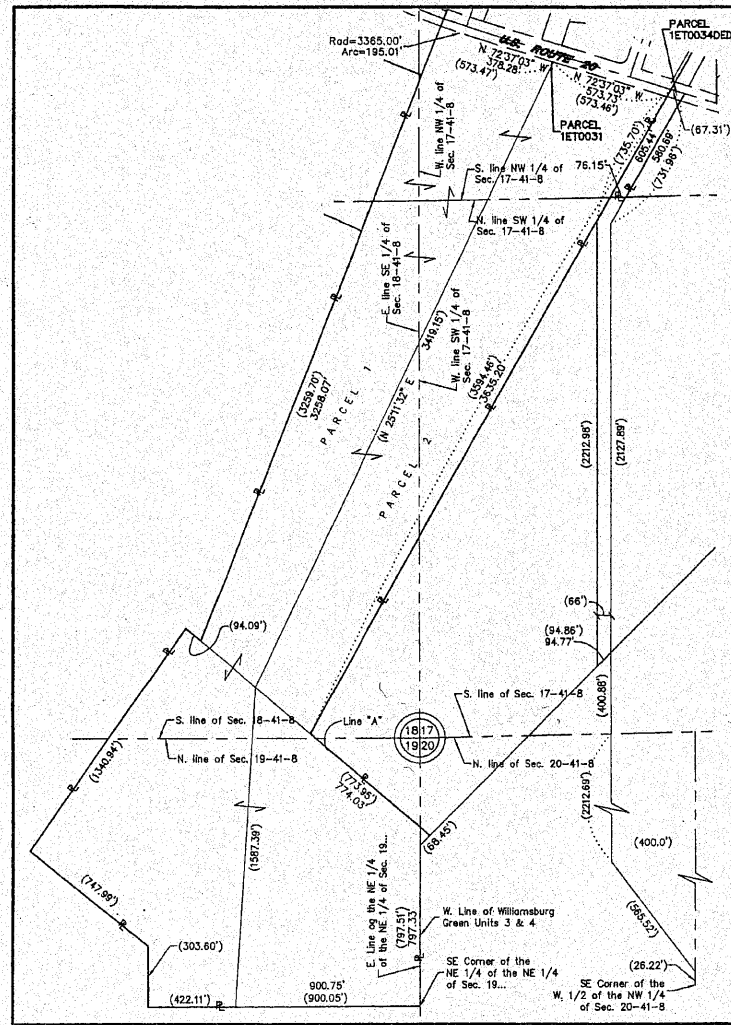
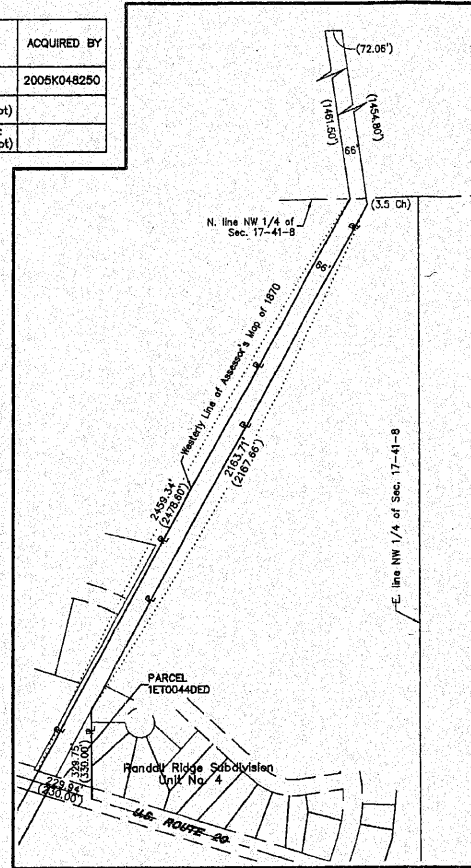
CONTRACT 62S29 SHEET 27E/72

FOR INFORMATION ONLY

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1ET0031	Pinnacle Corporation, an Illinois Corporation	123.186	0.147	123.039	N/A	N/A	EASEMENT	06-17-100-011	2006K048250
1ET00340ED	Northern Illinois Gas Company	0.899	420.39 sq. ft. 0.010	0.889	0.062	420.39 sq. ft. 0.010	N/A	06-17-100-024 (pt)	
1ET0040ED	Northern Illinois Gas Company	4.332	0.041	4.291	0.202	0.041	N/A	06-17-100-008 & 06-17-100-024 (pt)	

CURVE DATA EXISTING & OF R.O.W. CURVE R-5	CURVE DATA PROPOSED & OF PAVEMENT CURVE P-5
Δ = 07°11'15" (4326.98') R = 3325.00' (3211.36') L = 420.39' (3211.36') T = 210.58' CB = S 88°59'37" E	Δ = 07°00'49" R = 3201.35' L = 391.57' T = 196.18' CB = S 89°03'02" E
4237 PC STA 138+42.70 2.12 R N=1,956,720.6608 E=976,700.9862	4240 PC STA 138+71.24 N=1,956,720.7715 E=976,817.7574
4247 PT STA 142+63.12 0.79 R N=1,956,579.9916 E=977,183.2741	4248 PT STA 142+63.12 N=1,956,580.7469 E=977,183.4988

Point No.	Station	Offset	Northing	Easting
3237	138+42.70	2.12 R	1,956,720.6608	976,790.8962
3238	138+42.82	37.85 L	1,956,787.0222	976,807.5850
3239	138+42.82	43.88 L	1,956,772.1756	976,810.0870
3240	138+71.24	0.00	1,956,720.7715	976,817.7574
3241	138+71.24	1.75 R	1,956,691.5489	976,879.5964
3242	140+70.65	38.80 L	1,956,690.1888	977,015.9222
3243	140+70.65	44.80 L	1,956,685.7813	977,017.6828
3244	140+70.62	41.20 R	1,956,606.4365	976,987.0104
3245	140+70.62	46.00 R	1,956,600.9558	976,985.2981
3246	142+63.12	0.00	1,956,580.7469	977,183.4988
3247	142+63.12	0.79 R	1,956,579.9916	977,183.2741
3248	142+63.12	40.79 R	1,956,541.8193	977,171.3211
3249	142+63.12	46.00 R	1,956,536.8621	977,169.7102
3250	152+16.27	47.71 L	1,956,340.3569	976,107.1257
3251	152+14.78	40.21 L	1,956,333.8485	976,103.4569
3252	152+15.18	39.79 R	1,956,257.4063	976,079.8364
3253	152+13.94	46.00 R	1,956,251.8518	976,076.8129
3255	152+99.81	47.80 L	1,956,315.5993	976,186.8509
3256	152+98.33	40.50 L	1,956,308.6890	976,183.1648
3257	152+32.76	49.00 L	1,956,336.8406	976,123.2485
3258	152+31.03	40.23 L	1,956,328.9928	976,118.9618
3259	152+82.48	39.72 R	1,956,237.2964	976,144.0958
3260	152+81.24	46.00 R	1,956,231.8788	976,141.0177
3261	150+15.99	0.00 R	1,956,355.0737	977,901.7493
3262	150+18.08	0.00 L	1,956,350.0541	977,901.8195
3263	154+37.57	49.00 L	1,956,275.4482	976,318.6394
3264	154+40.31	40.45 L	1,956,266.4702	976,318.6853



- LEGEND**
- SECTION CORNER
 - QUARTER SECTION CORNER
 - SECTION LINE
 - QUARTER SECTION LINE
 - QUARTER, QUARTER SECTION LINE
 - PLATTED LOT LINE
 - PROPERTY (DEED) LINE
 - APL
 - APPARENT PROPERTY LINE
 - CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORD DATA
 - EXISTING BUILDING
 - IRON PIPE OR ROD FOUND
 - CUT CROSS FOUND OR SET
 - PK NAIL SET
 - REPLACED AFTER CONSTRUCTION
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

- NOTES:**
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99997503
 - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NGS MONUMENT SHEETS.
 - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
 - SHEET B1 IS THE COVER SHEET AND IS NOT RECORDED. SHEETS 13, 14 & 15 ARE FOR MONUMENT TIES.
 - BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TACKS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS } SS
COUNTY OF COOK }

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE WEST HALF OF SECTION 17, EAST HALF OF SECTION 18 AND THE NORTHEAST QUARTER OF SECTION 19, ALL IN TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY; THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON; THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS _____ DAY OF _____ A.D. 2009.
AT HOFFMAN ESTATES, ILLINOIS.

W-T LAND SURVEYING, INC.

FRANK L. MATCIG - PLS #035-003556 EXPIRES 11/30/2010
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-004367

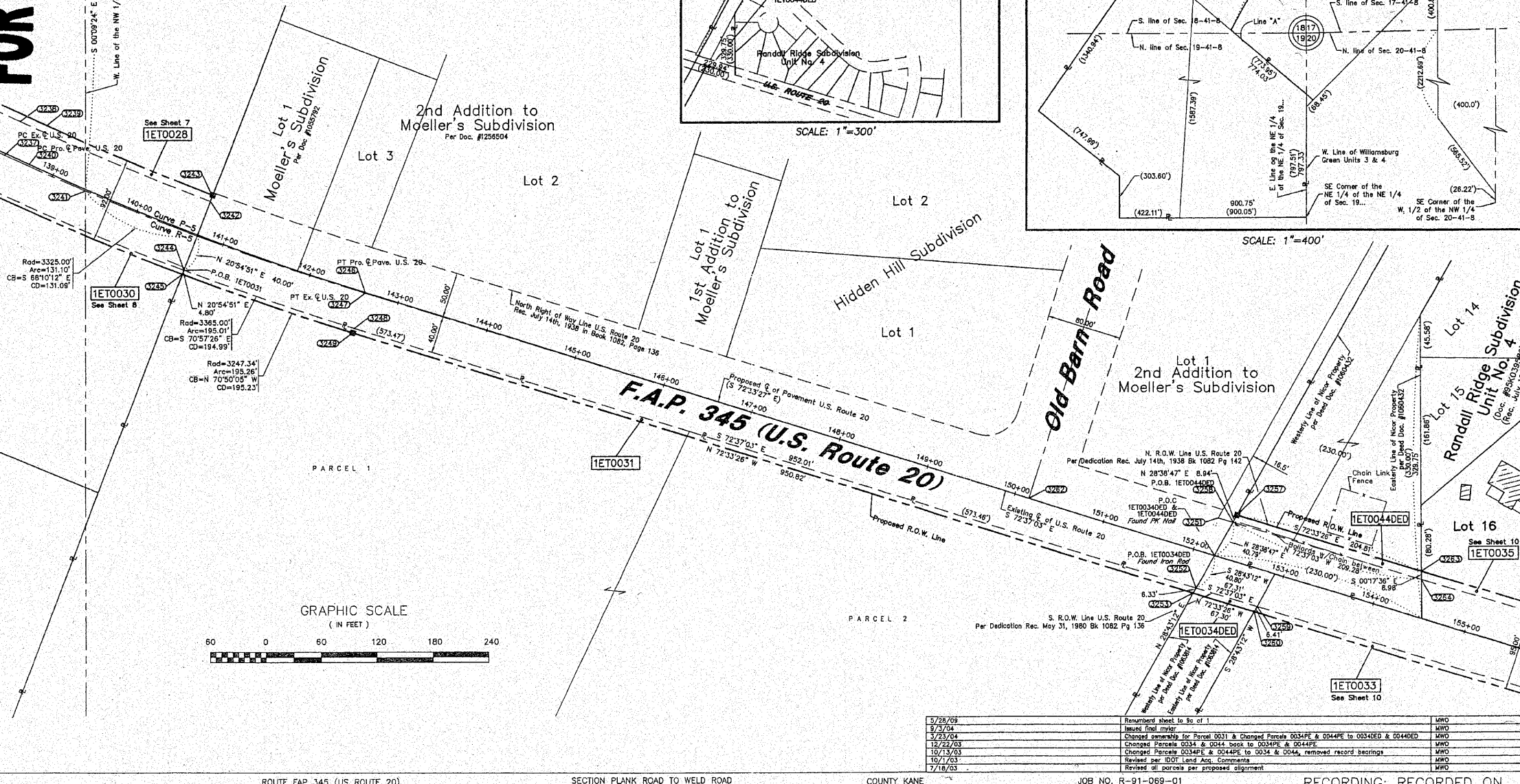
RECEIVED
MAY 28 2009
PLATS & LEGALS

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
2675 Prussia Avenue
Hoffman Estates, Illinois 60112
PH: (224) 239-6333 FAX: (224) 239-5444
www.wtlandsurveying.com
IL License No.: 184-004367 Exp: 04/30/10

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION 140+70.62 TO STATION 154+40.31
SCALE: 1"=60' SHEET 27E OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096



5/28/09	Revised sheet to No. 1	MWO
9/3/04	Revised sheet to No. 1	MWO
3/23/04	Changed ownership for Parcel 0031 & Changed Parcels 0034PE & 0044PE to 00340ED & 00440ED	MWO
12/22/03	Changed Parcels 0034 & 0044 back to 0034PE & 0044PE	MWO
10/13/03	Changed Parcels 0034PE & 0044PE to 0034 & 0044, removed record bearings	MWO
10/13/03	Revised per IDOT Land Acq. Comments	MWO
7/18/03	Revised all parcels per proposed alignment	MWO

PART OF THE NW 1/4 OF SEC. 17, T41N, R8E OF THE 3RD P.M., KANE COUNTY, ILLINOIS

CONTRACT 62529 SHEET 27/72

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1ET0032	Paul Hanson and Heather Hanson, husband and wife, in Joint Tenancy	0.451	0.020	0.431	N/A	N/A	N/A	06-17-178-013	
1ET0033	Pinnacle Corporation, an Illinois Corporation	8.108	0.147	7.961	N/A	N/A	N/A	06-17-100-012	2005K048250
1ET0035	William T. Seneor and Sandra L. Seneor, husband and wife as tenants by the entirety	0.546	0.024	0.522	N/A	N/A	N/A	06-17-181-016	2004K083004
1ET0036	Jeffrey R. Warner and Susan V. Warner, husband and wife as tenants by the entirety	0.641	0.030	0.611	N/A	N/A	N/A	06-17-181-017	2004K074543
1ET0037	Christopher G. Matius	0.490	413 sq. ft. 0.009	0.481	N/A	N/A	N/A	06-17-181-021	2004K083005
1ET0038	Scott Long and Kimberly A. Hamel, as tenants in common	0.458	0.015	0.443	N/A	N/A	N/A	06-17-181-022	2004K074544
1ET0039	Scott D. Lavy and Jeunele C. Lavy, husband and wife as tenants by the entirety	0.438	0.019	0.419	N/A	N/A	N/A	06-17-181-023	2004K083006
1ET0040	Richard H. Binder and Karen S. Binder, husband and wife as tenants by the entirety	0.398	0.021	0.377	N/A	N/A	N/A	06-17-181-024	2004K074545
1ET0041	Timothy S. Andrew and Carlo D. Andrew, husband and wife as tenants by the entirety	0.380	0.021	0.359	N/A	N/A	N/A	06-17-181-025	2004K074546
1ET0042	Benjamin T. Chew	0.342	0.012	0.330	N/A	N/A	N/A	06-17-181-026	
1ET0043	Blodin Balarin and Olusunmi Balarin in Joint Tenancy	0.424	0.036	0.388	N/A	N/A	N/A	06-17-181-028	

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

GRAPHIC SCALE



NOTES

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99997503
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NGS MONUMENT SHEETS.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
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STATE OF ILLINOIS }
COUNTY OF COOK }

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTHWEST QUARTER OF SECTION 17, TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY; THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS _____ DAY OF _____ A.D. 2009.
AT SCHAUMBURG, ILLINOIS.

W-T LAND SURVEYING, INC.

RECEIVED
MAY 28 2009

PLATS & LEGALS

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS

2875 Prudman Avenue
Hoffman Estates, Illinois 60132
PH: (224) 293-6333 FAX: (224) 293-6444
www.wtlandsurveying.com

IL License No.: 184-004387 Exp: 04/30/10

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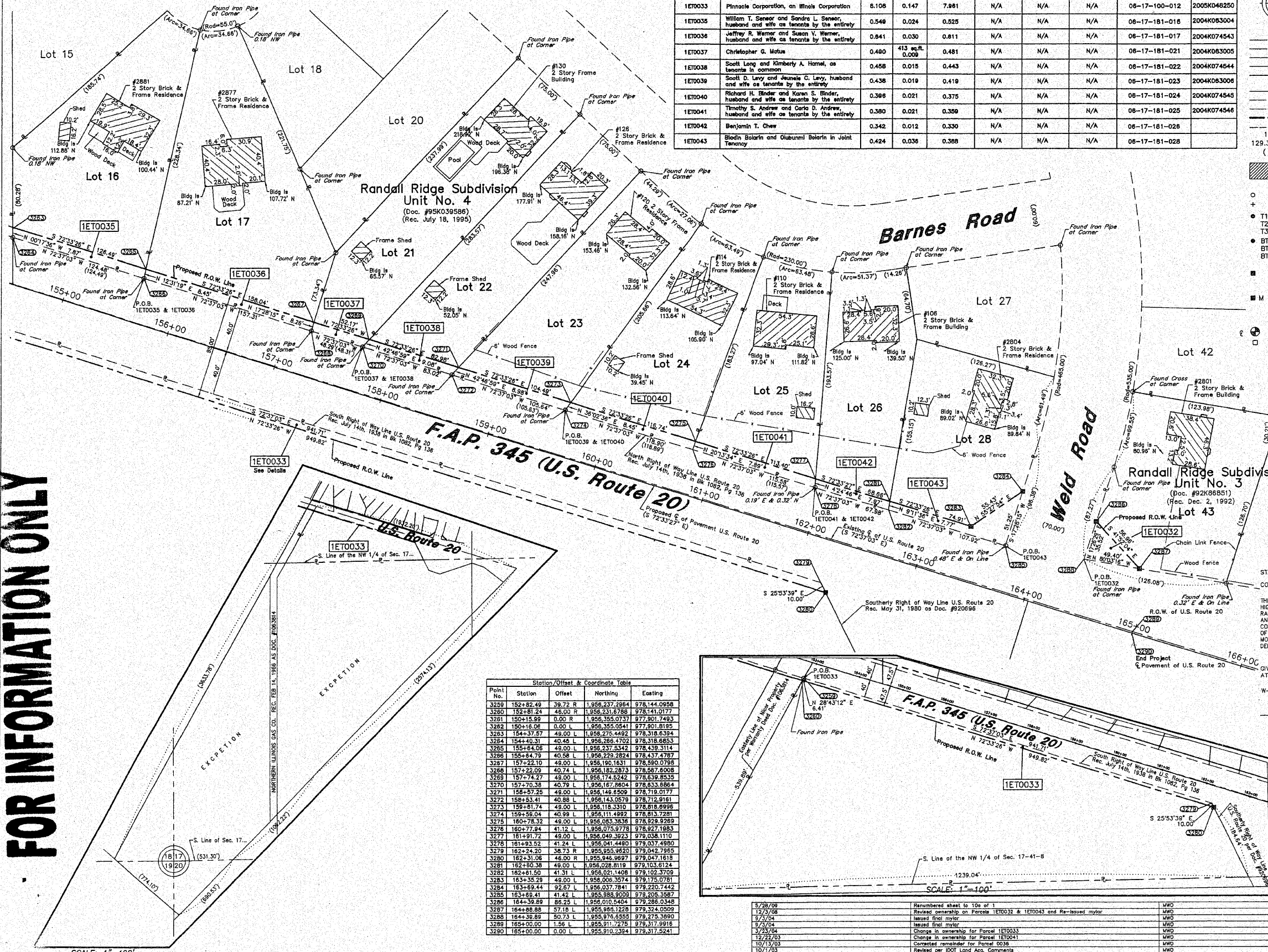
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION 154+37.91 TO STATION 165+00.00
SCALE: 1"=40' SHEET 10a OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

AS DOCUMENT NO.

FOR INFORMATION ONLY



Station/Offset & Coordinate Table

Point No.	Station	Offset	Northing	Easting
3259	152+82.49	39.72 R	1,958,237.2964	978,144.0958
3260	152+81.24	46.00 R	1,956,231.8788	978,141.0177
3261	150+15.99	0.00 R	1,956,355.0737	977,901.7493
3262	150+16.06	0.00 L	1,956,355.0541	977,901.8185
3263	154+37.97	49.00 L	1,956,276.4492	978,318.8394
3264	154+40.31	40.46 L	1,956,286.4702	978,318.8653
3265	155+64.08	49.00 L	1,956,237.5342	978,439.3114
3266	155+64.79	40.58 L	1,956,223.2824	978,437.4787
3267	157+22.10	49.00 L	1,956,190.1631	978,590.0798
3268	157+22.00	40.74 L	1,956,182.2813	978,587.6008
3269	157+74.27	49.00 L	1,956,174.5242	978,639.8535
3270	157+70.38	40.79 L	1,956,167.8604	978,633.8864
3271	158+57.25	49.00 L	1,956,146.6509	978,719.0177
3272	158+53.41	40.88 L	1,956,143.0579	978,712.9161
3273	159+41.74	49.00 L	1,956,119.3310	978,818.6996
3274	159+59.04	40.99 L	1,956,111.4892	978,813.7281
3275	160+78.32	49.00 L	1,956,083.3636	978,929.9289
3276	160+77.94	41.12 L	1,956,075.9778	978,927.1983
3277	161+91.72	49.00 L	1,956,049.3923	979,038.1110
3278	161+93.52	41.24 L	1,956,041.4480	979,037.4880
3279	162+24.20	38.73 R	1,955,953.9620	979,042.7965
3280	162+31.06	46.00 R	1,955,946.9897	979,047.1618
3281	162+50.38	49.00 L	1,956,028.8119	979,103.8124
3282	162+46.60	41.31 L	1,956,021.1408	979,103.8709
3283	163+33.79	49.00 L	1,956,006.3574	979,175.0781
3284	163+89.44	92.67 L	1,956,037.7841	979,220.7442
3285	163+89.41	41.42 L	1,955,888.9009	979,205.3587
3286	164+39.89	86.25 L	1,956,010.5404	979,286.0348
3287	164+48.88	57.18 L	1,956,069.1238	979,304.0909
3288	164+38.88	50.73 L	1,956,076.6555	979,275.3890
3289	165+00.00	1.56 L	1,955,911.7275	979,317.9918
3290	165+00.00	0.00 L	1,955,910.2394	979,317.5241

5/28/09	Renumbered sheet to 10a of 1	WWD
12/3/09	Revised ownership on Parcels 1ET0032 & 1ET0043 and Re-issued mylar	WWD
9/2/04	Issued final mylar	WWD
9/2/04	Issued final mylar	WWD
3/23/04	Change in ownership for Parcel 1ET0033	WWD
12/22/03	Change in ownership for Parcel 1ET0041	WWD
10/13/03	Corrected remainder for Parcel 0036	WWD
10/1/03	Revised per DOT Land Acq. Comments	WWD
7/18/03	Revised all parcels per proposed alignment	WWD

COUNTY KANE
JOB NO. R-91-069-01
RECORDING: RECORDED ON

2007K088001
SANDY WEGMAN
RECORDER - KANE COUNTY, IL
RECORDED: 8/23/2007 12:46 PM
REC FEE: 70.00
PAGES: 15

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

GRAPHIC SCALE



NOTES:

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99997503
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NOS MONUMENT SHEETS.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
- SHEET B1 IS THE COVER SHEET AND IS NOT RECORDED. SHEETS 13, 14 & 15 ARE FOR MONUMENT TIES.
- BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS }
COUNTY OF COOK } SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN SECTION 12, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 21ST DAY OF SEPTEMBER A.D. 2004. AT SCHAUMBURG, ILLINOIS.

W-T LAND SURVEYING, INC.

IL. LICENSE NO. 194-001108

W-T LAND SURVEYING, INC.

LAND AND CONSTRUCTION SURVEYORS
39 EAST SCULLY DRIVE
SCHAUMBURG, ILLINOIS 60193
ph. (847)895-3640
fax. (847)895-9985

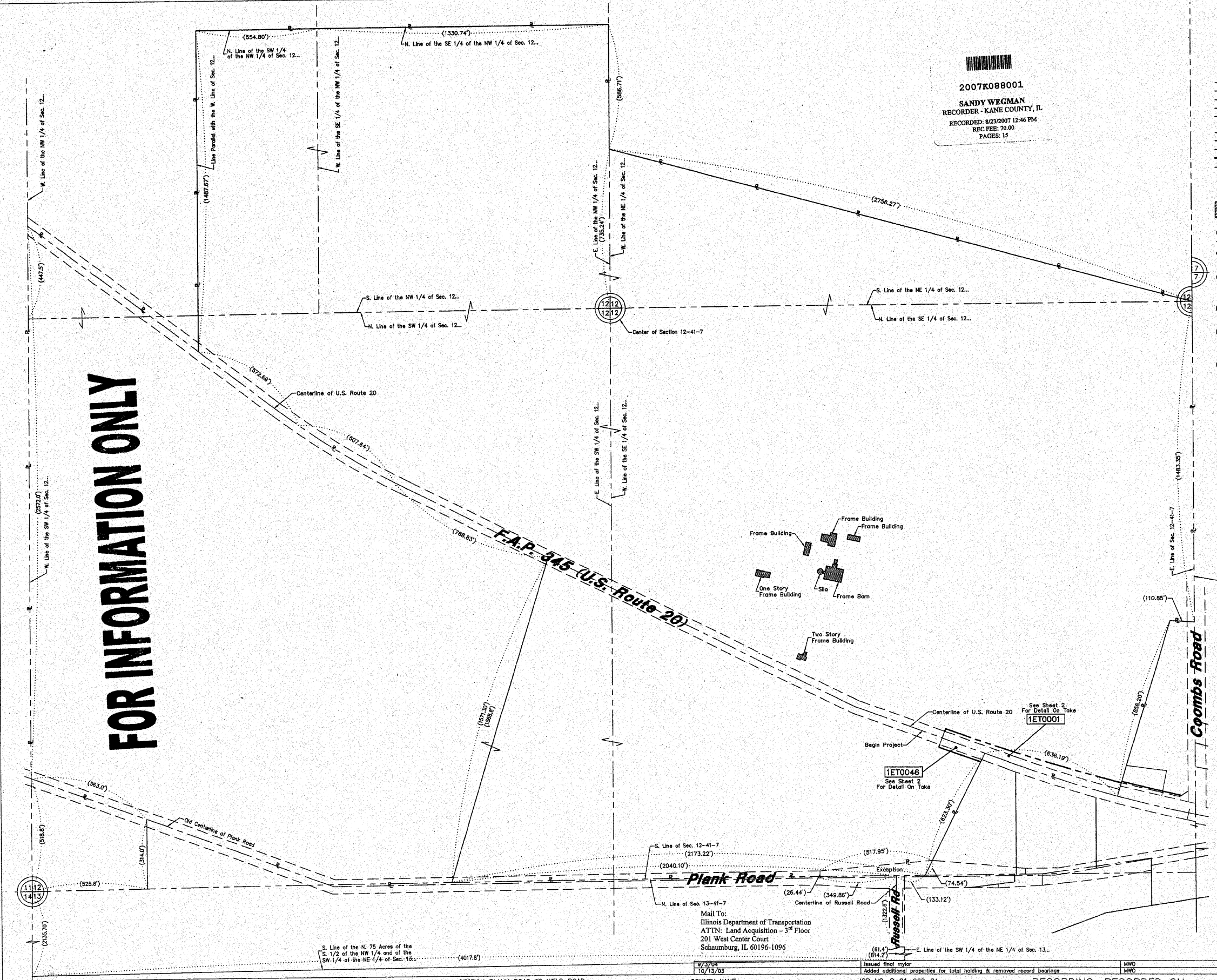
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION N/A TO STATION N/A
SCALE: 1"=200' SHEET 11 OF 15

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

AS DOCUMENT NO.

FOR INFORMATION ONLY



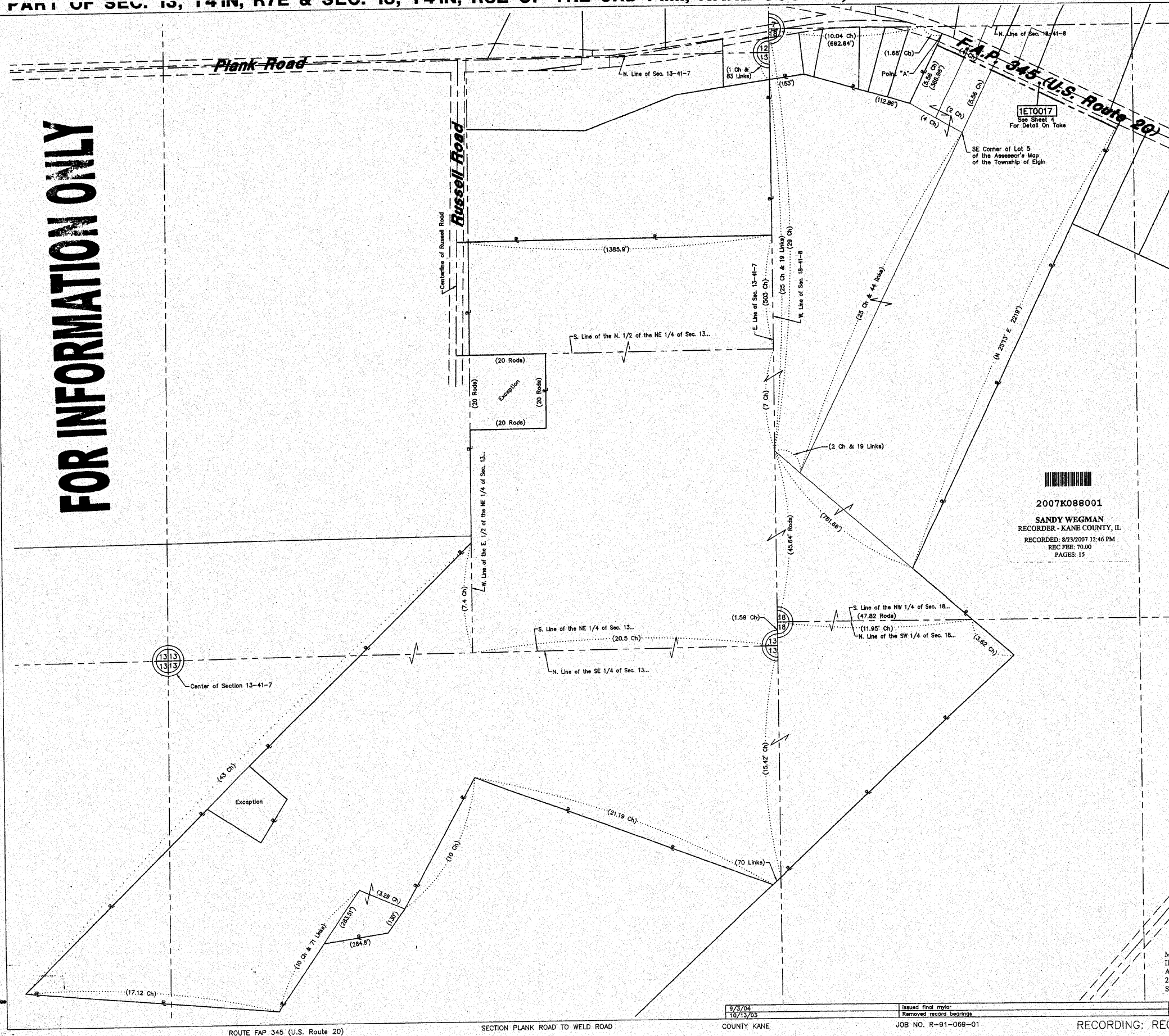
Mail To:
Illinois Department of Transportation
ATTN: Land Acquisition - 3rd Floor
201 West Center Court
Schaumburg, IL 60196-1096

16/13/03
Added additional properties for total holding & removed record bearings

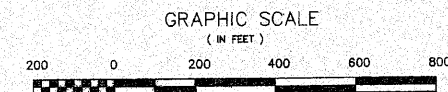
COUNTY KANE JOB NO. R-91-069-01

RECORDING: RECORDED ON

FOR INFORMATION ONLY



- LEGEND**
- SECTION CORNER
QUARTER SECTION CORNER
- SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
- APL
APPARENT PROPERTY LINE
CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
PK NAIL SET
REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH
T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED
T3 BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET
BT2 MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND
BT3 TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING
SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION
DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8
INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY
MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS
REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



NOTES:

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99997503.
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE GRID SYSTEM, TAKEN FROM NGS MONUMENT SHEETS.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
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STATE OF ILLINOIS } SS
COUNTY OF COOK }

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 13, TOWNSHIP 41 NORTH, RANGE 7 EAST AND PART OF SECTION 18, TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 1ST DAY OF SEPTEMBER, A.D. 2004, AT SCHAUMBURG, ILLINOIS.

W-T LAND SURVEYING, INC.

ILLINOIS PROFESSIONAL LAND SURVEY CORPORATION
IL LICENSE NO. 184-00108

W-T

W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
39 EAST SCULLY DRIVE
SCHAUMBURG, ILLINOIS 60193
ph. (847)895-3640
fax. (847)895-9985

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION N/A TO STATION N/A
SCALE: 1"=200' SHEET 12 OF 15

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

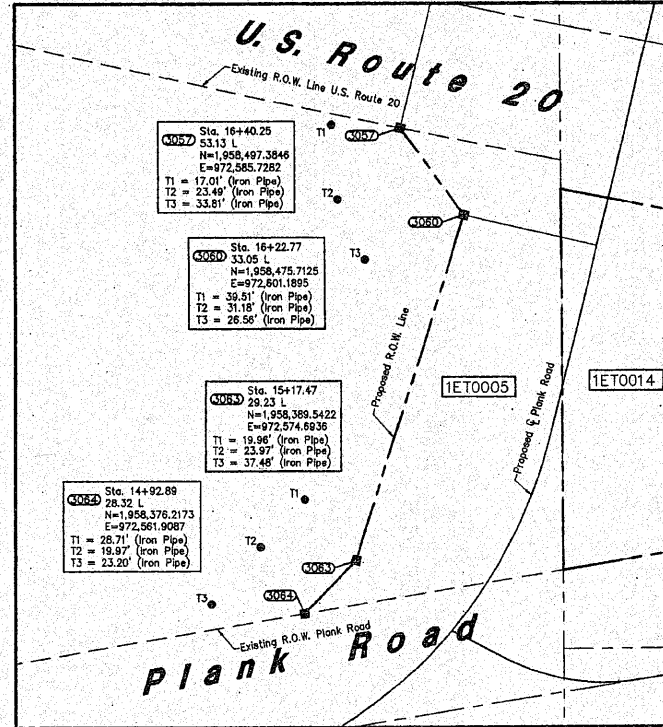
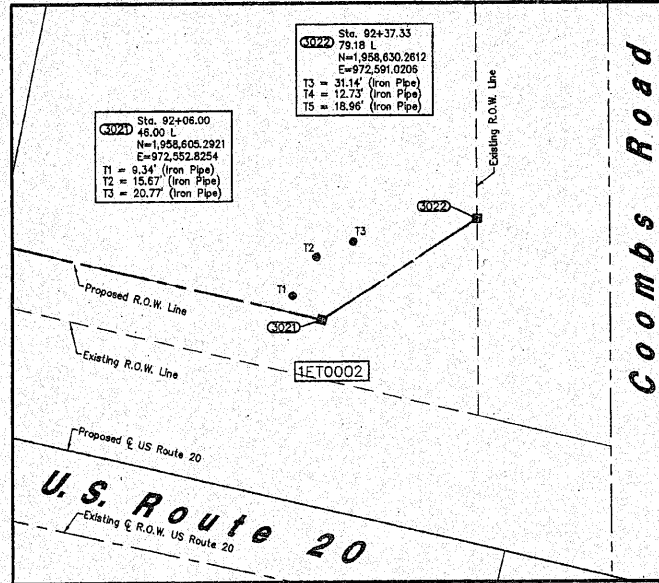
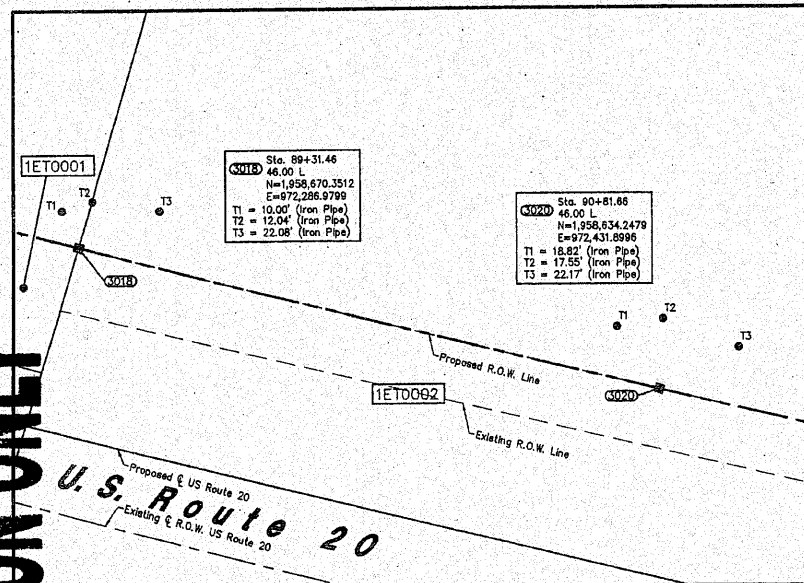
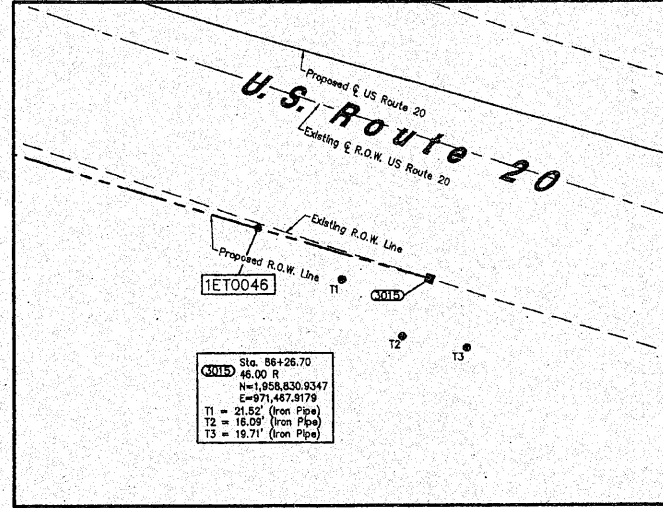
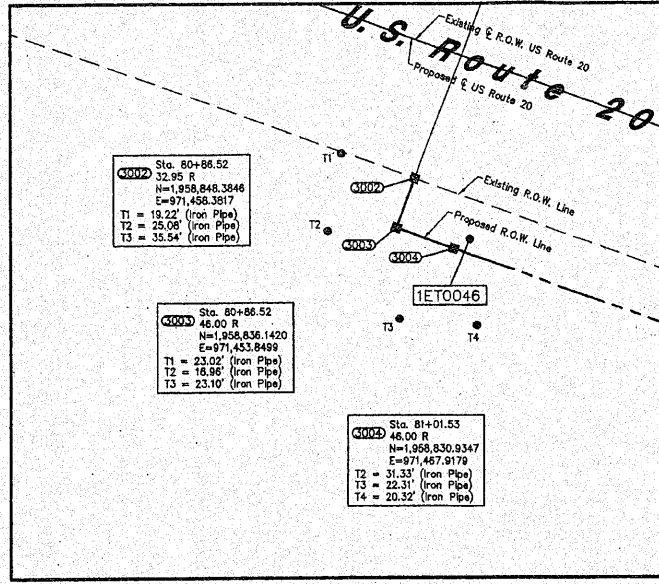
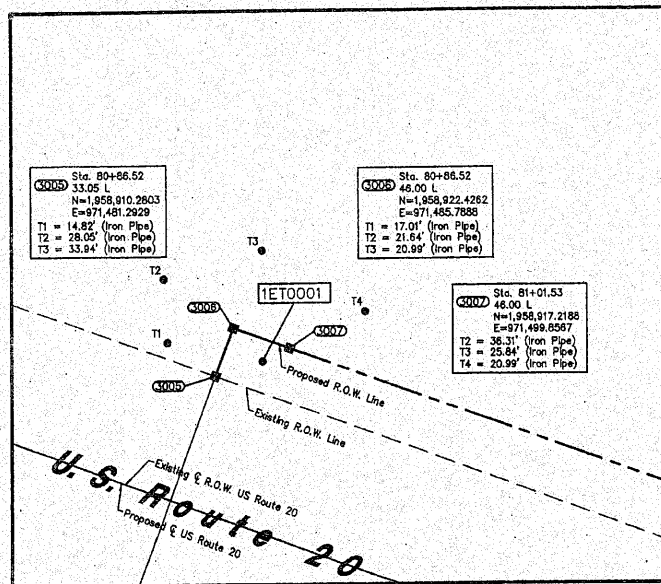
Mail To:
Illinois Department of Transportation
ATTN: Land Acquisition - 5th Floor
201 West Center Court
Schaumburg, IL 60196-1096

9/3/04
10/13/07
Issued final mylar
Removed record bearings
JOB NO. R-91-069-01

RECORDING: RECORDED ON

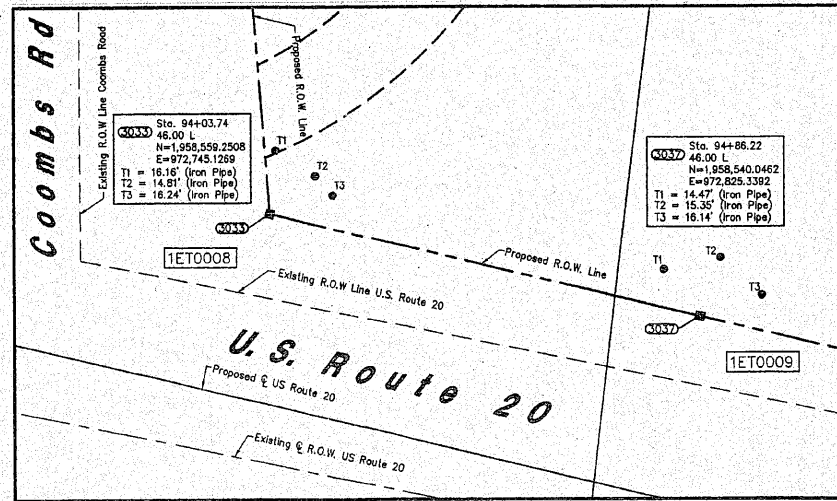
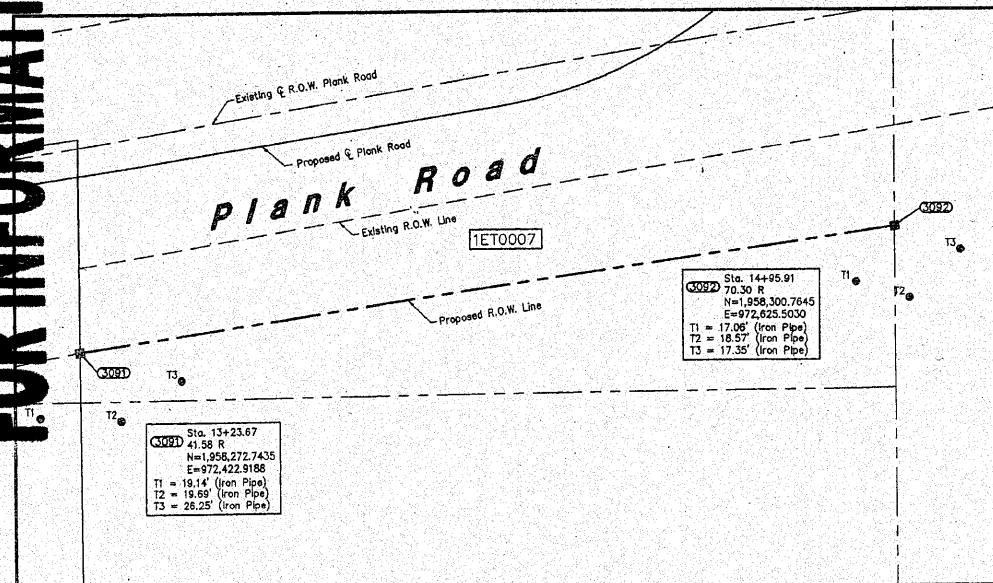
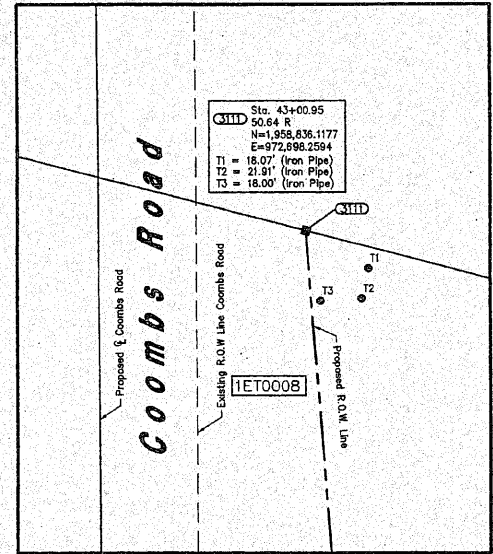
AS DOCUMENT NO.

FOR INFORMATION ONLY



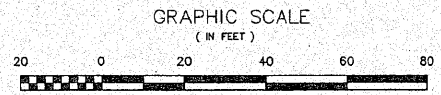
CONTRACT 62529 SHEET 27 OF 72

- LEGEND
- SECTION CORNER
QUARTER SECTION CORNER
- SECTION LINE
QUARTER SECTION LINE
QUARTER, QUARTER SECTION LINE
PLATTED LOT LINE
PROPERTY (DEED) LINE
- APL
APPARENT PROPERTY LINE
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PROPOSED RIGHT OF WAY LINE
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CUT CROSS FOUND OR SET
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REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- BT2 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



2007K088001
SANDY WEGMAN
RECORDER - KANE COUNTY, IL
RECORDED: 8/23/2007 12:46 PM
REC FEE: 70.00
PAGES: 15

Mail To:
Illinois Department of Transportation
ATTN: Land Acquisition - 5th Floor
201 West Center Court
Schaumburg, IL 60196-1096

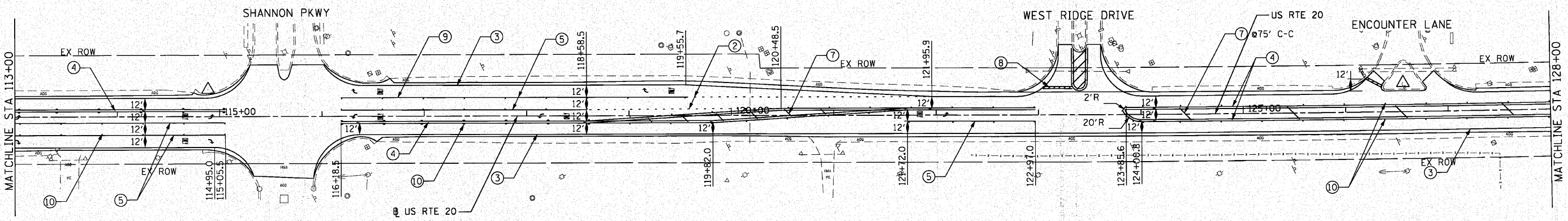
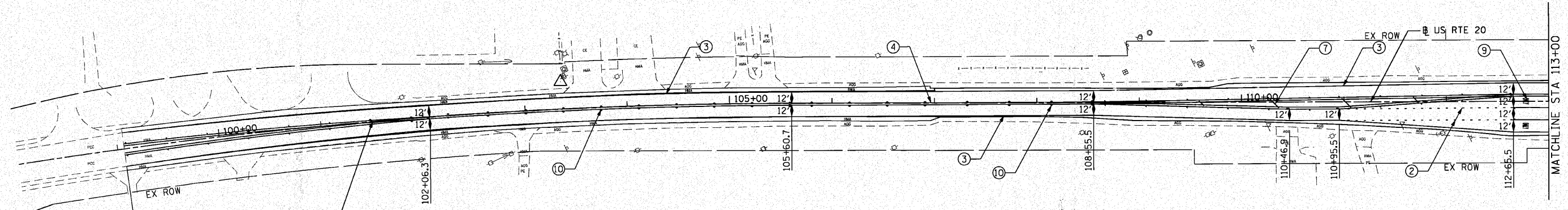


W-T
W-T LAND SURVEYING, INC.
LAND AND CONSTRUCTION SURVEYORS
39 EAST SCULLY DRIVE
SCHAUMBURG, ILLINOIS 60193
ph. (847)895-3640
fax. (847)895-9985

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 345 (US ROUTE 20)

SECTION PLANK RD & WELD RD KANE COUNTY
PROJECT JOB NO. R-91-069-01
STATION N/A TO STATION N/A
SCALE: N/A SHEET 13 OF 15

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096



PAVEMENT MARKING LEGEND (SEE NOTE 2)

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH) | ⑥ THERMOPLASTIC PAVEMENT MARKING 12" WHITE LINE |
| ② THERMOPLASTIC PAVEMENT MARKING 6" WHITE LANE LINE (6' SKIP 2' DASH) | ⑦ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL YELLOW LINE |
| ③ THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE | ⑧ THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR |
| ④ THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C | ⑨ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING 6" WHITE LINE | ⑩ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |

NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
2. REFER TO DISTRICT 1 RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) FOR ADDITIONAL INFORMATION.

FILE NAME: P:\2009\ME09006_Ver-Vor_Phil\CADD\W05.US20\Shs\0162529-shs-PMK-1.dgn
 PLOT SCALE: 1"=50' 1/2"
 USER NAME: Millennium Professional Services



200 22ND Street, Suite 216, Lombard, IL 60148
 630.705.6110 voice, 630.839.3566 fax
 WWW.MPS-IL.COM
MILLENNIUM PROFESSIONAL SERVICES

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 4/9/2010	REVISED -

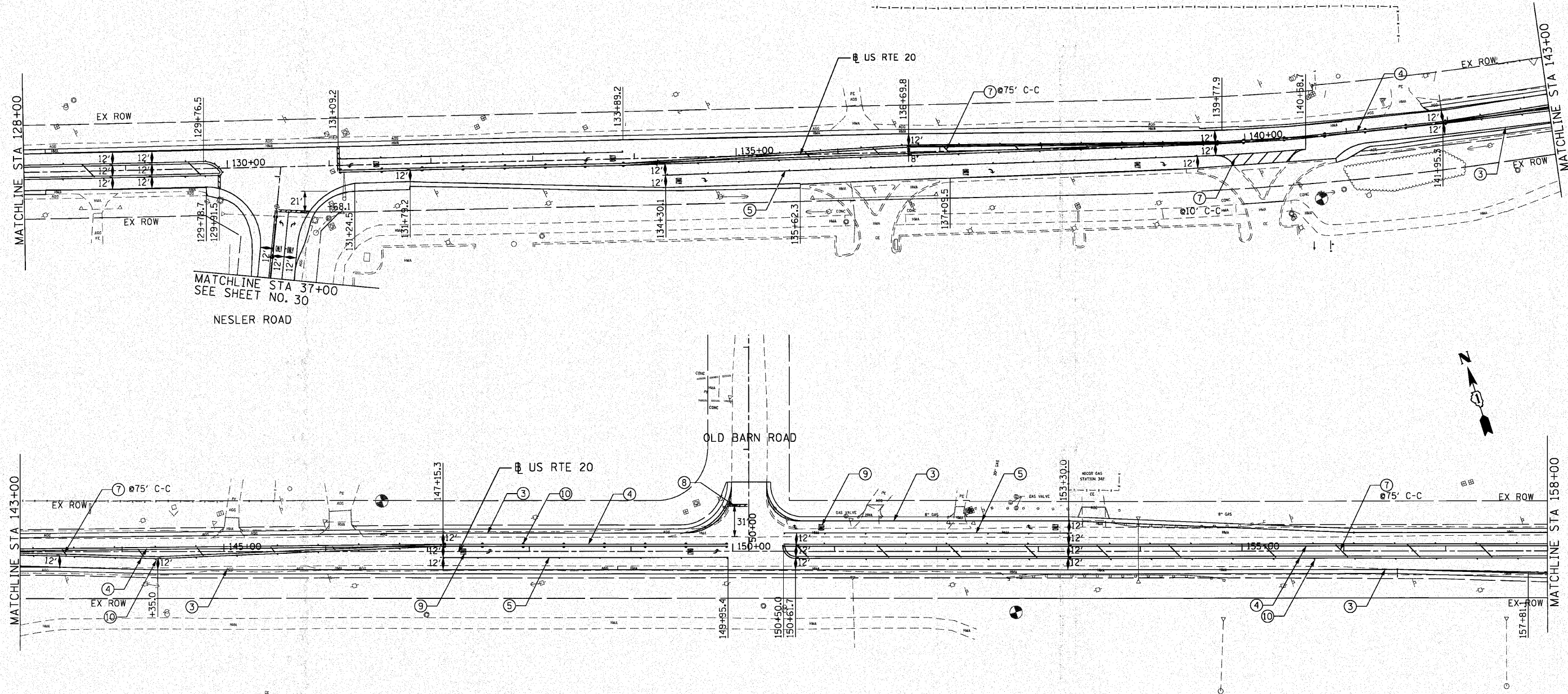
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 EAST OF PLANK ROAD TO WELD ROAD			PAVEMENT MARKING PLAN	
SCALE: 1"=50'	SHEET NO. OF	SHEETS	STA. 105+60 TO STA. 144+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	28
CONTRACT NO. 62529				

PMK-1

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
 P:\2009\ME09006_Ver-Vor_Phil\CADD\W05.US20\Shs\0162529-shs-PMK-1.dgn



PAVEMENT MARKING LEGEND (SEE NOTE 2)

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH) | ⑥ THERMOPLASTIC PAVEMENT MARKING 12" WHITE LINE |
| ② THERMOPLASTIC PAVEMENT MARKING 6" WHITE LANE LINE (6' SKIP 2' DASH) | ⑦ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL YELLOW LINE |
| ③ THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE | ⑧ THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR |
| ④ THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C | ⑨ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING 6" WHITE LINE | ⑩ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |

NOTES:

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- REFER TO DISTRICT 1 RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) FOR ADDITIONAL INFORMATION.

FILE NAME : P:\2009\ME09005_Ver-Vor PHIL\CADD\W05_US20\Shs\0162529-sh1-PMK-2.dgn
 PLOT SCALE : 50.0000 / IN.
 USER NAME : Millennia Professional Services



200 22ND Street, Suite 216, Lombard, IL 60148
 630.705.0110 voice, 630.839.2566 fax
 WWW.MPS-IL.COM

MILLENNIA PROFESSIONAL SERVICES

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 4/9/2010	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 EAST OF PLANK ROAD TO WELD ROAD		PAVEMENT MARKING PLAN		F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
SCALE:		SHEET NO. OF SHEETS		STA. 114+00 TO STA. 157+00		345		8WRS-2		KANE		72	
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 62529							

P:\2009\ME09005_Ver-Vor PHIL\CADD\W05_US20\Shs\0162529-sh1-PMK-2.dgn

PMK-2

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PLOT SCALE = 50.0000 / IN.
USER NAME = Millennia Professional Services



200 22ND Street, Suite 216, Lombard, IL 60148
630.785.0110 voice, 630.839.1566 fax
WWW.MPS-IL.COM

MILLENNIA PROFESSIONAL SERVICES

DESIGNED -	TYN	REVISED -	
DRAWN -	TYN	REVISED -	
CHECKED -	RPD	REVISED -	
DATE -	4/9/2010	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

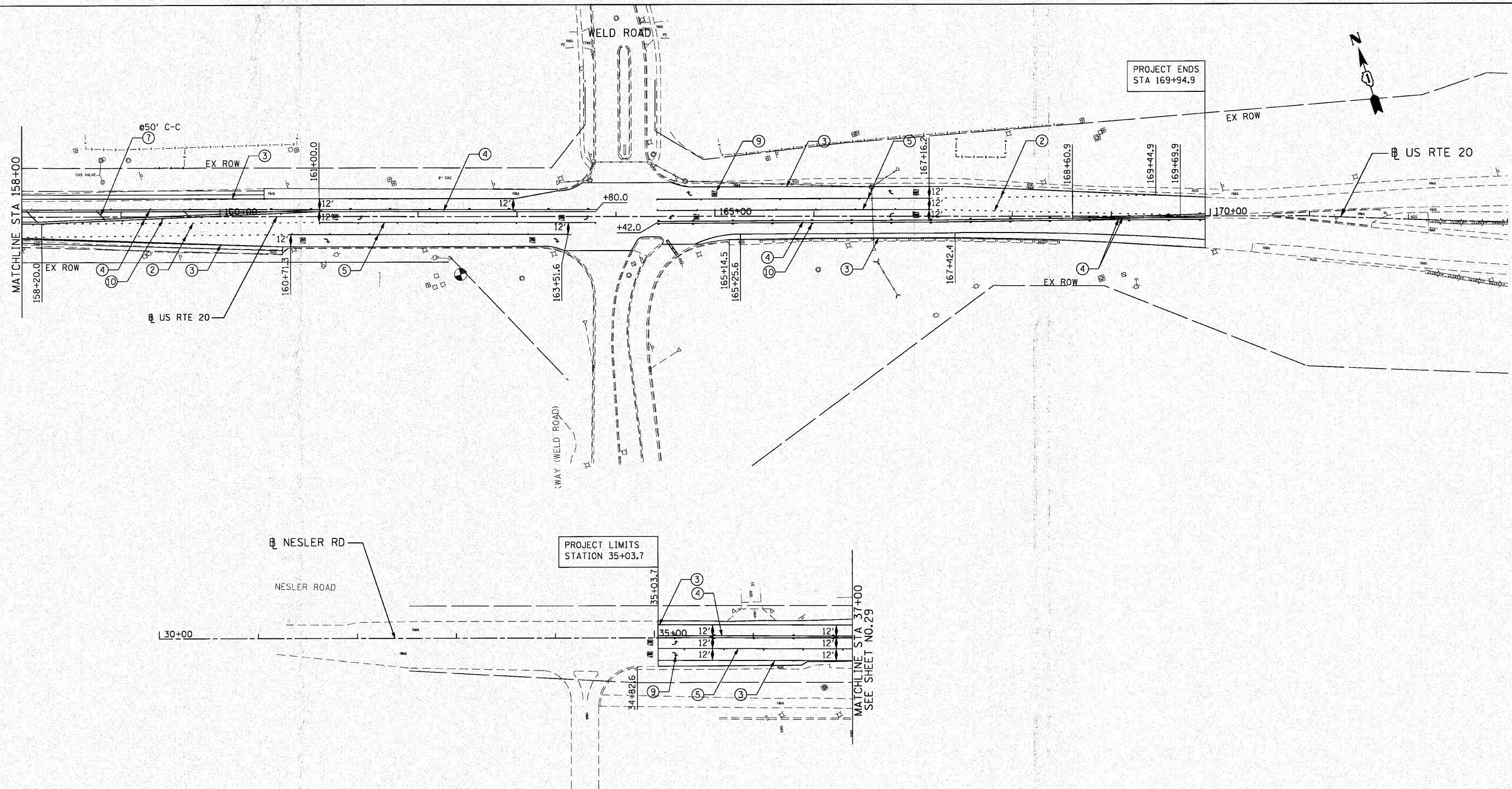
PAVEMENT MARKING PLAN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BWRS-2	KANE	72	30
CONTRACT NO. 62529				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
P:\2009\ME09006_Ver-Vor-Phil\CADD\W05_US20\Shs\0162529-shr-PMK-3.dgn

PMK-3



PAVEMENT MARKING LEGEND (SEE NOTE 2)

- | | |
|---|--|
| ① THERMOPLASTIC PAVEMENT MARKING 4" WHITE LANE LINE (30' SKIP 10' DASH) | ⑥ THERMOPLASTIC PAVEMENT MARKING 12" WHITE LINE |
| ② THERMOPLASTIC PAVEMENT MARKING 6" WHITE LANE LINE (6' SKIP 2' DASH) | ⑦ THERMOPLASTIC PAVEMENT MARKING 12" DIAGONAL YELLOW LINE |
| ③ THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE LINE | ⑧ THERMOPLASTIC PAVEMENT MARKING 24" WHITE STOP BAR |
| ④ THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE YELLOW LINE 11" C-C | ⑨ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (TYP) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING 6" WHITE LINE | ⑩ RAISED REFLECTIVE PAVEMENT MARKER (SEE NOTE 3) |

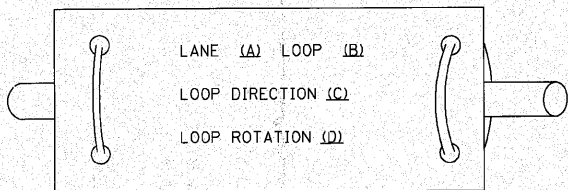
NOTES:

1. REFER TO DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13) FOR ADDITIONAL INFORMATION.
2. REFER TO DISTRICT 1 RAISED REFLECTIVE PAVEMENT MARKERS (TC-11) FOR ADDITIONAL INFORMATION.

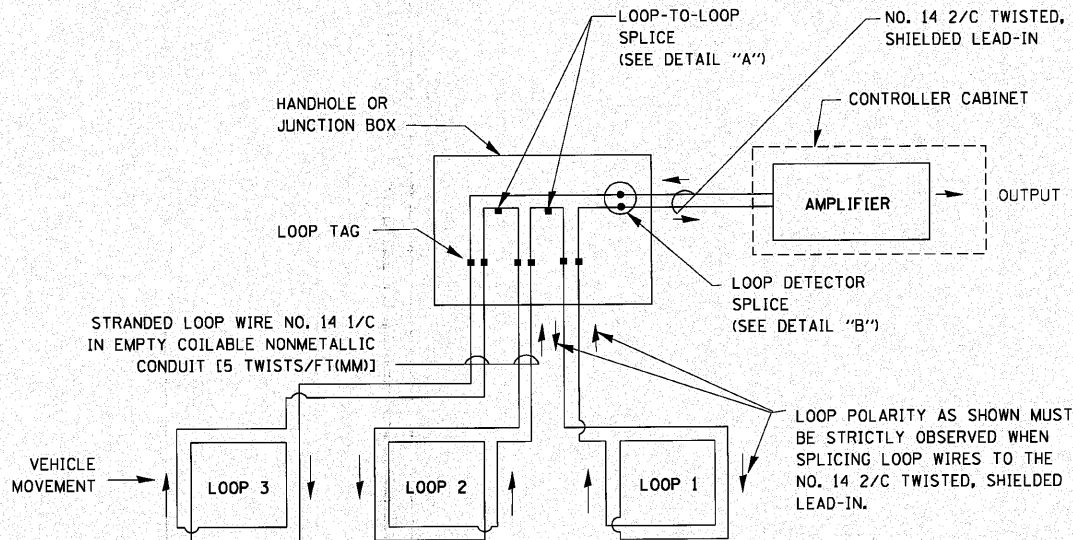
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

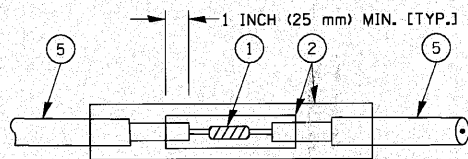


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

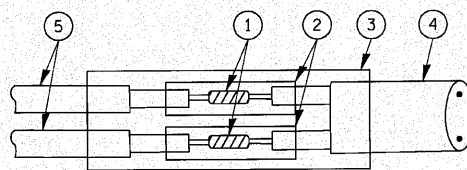


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPliced IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm), IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

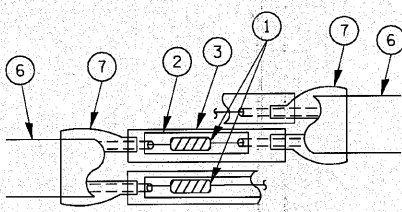


DETAIL "A"
LOOP-TO-LOOP SPLICE

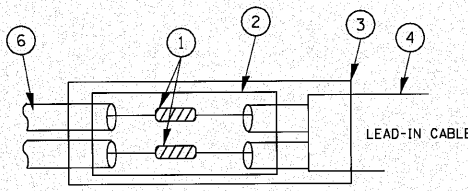


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE 1 LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

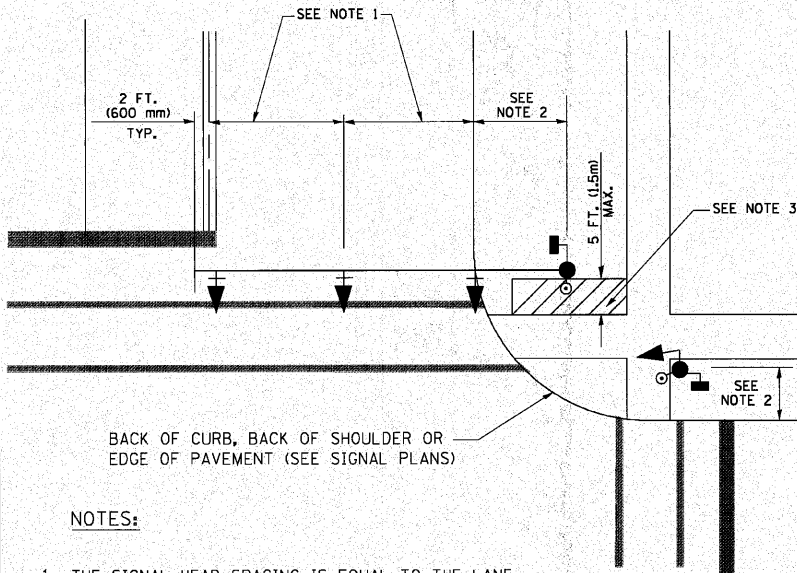
LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- PREFORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = kanthaphixaybo	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\pwork\PIWIDOT\KANTHAPHIXAYBO\011264\traffic.legend.v7.dgn		DRAWN - BCK	REVISED -			345	8WRS-2	KANE	72	31
	PLOT SCALE = 20.0000' / IN.	CHECKED - DAD	REVISED -							
	PLOT DATE = 10/6/2009	DATE - 10/28/09	REVISED -							
						SCALE:	SHEET NO. 1 OF 6 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
						CONTRACT NO. 62529				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

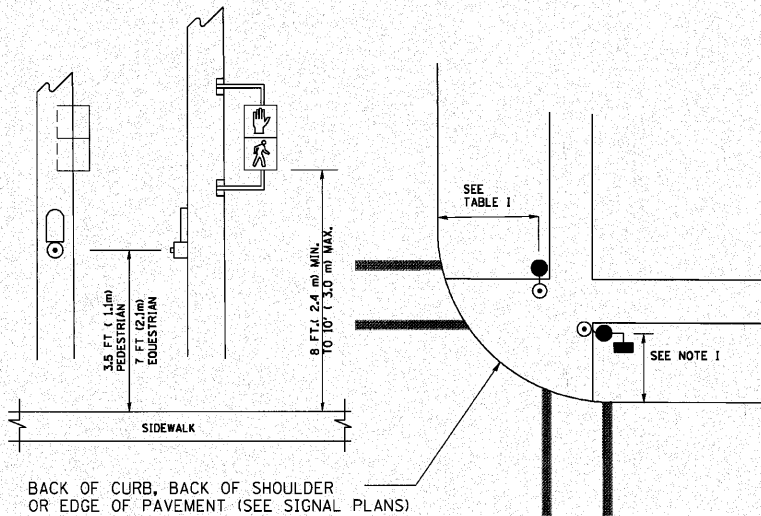
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

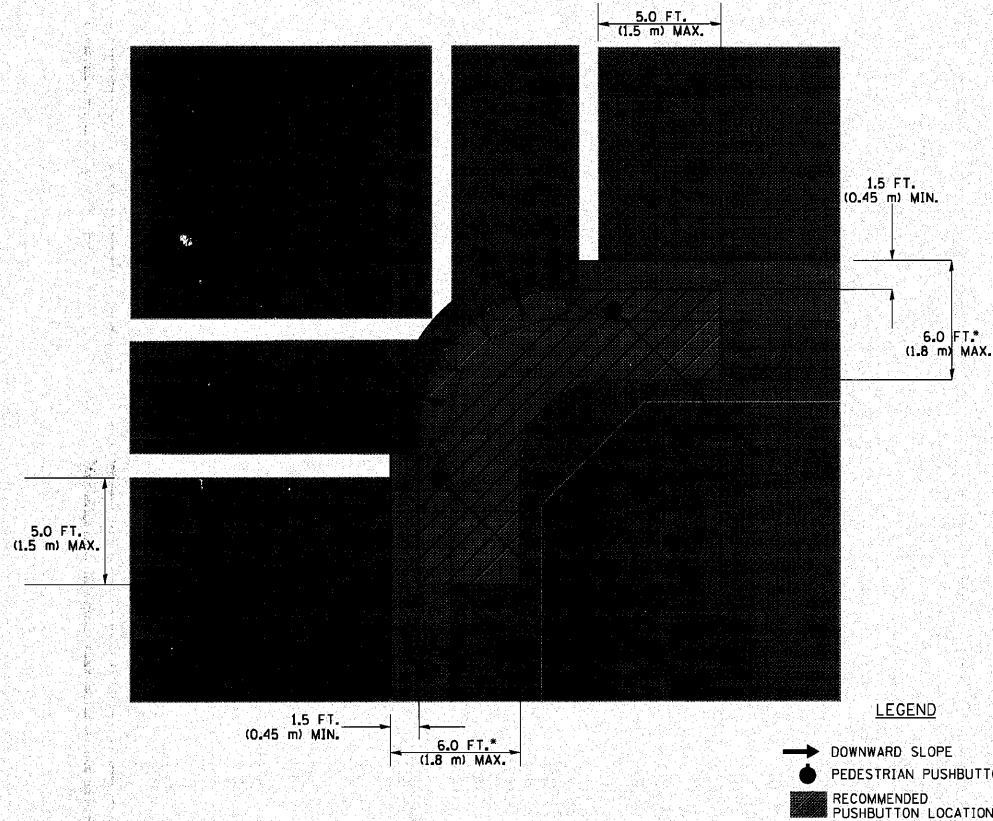
PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

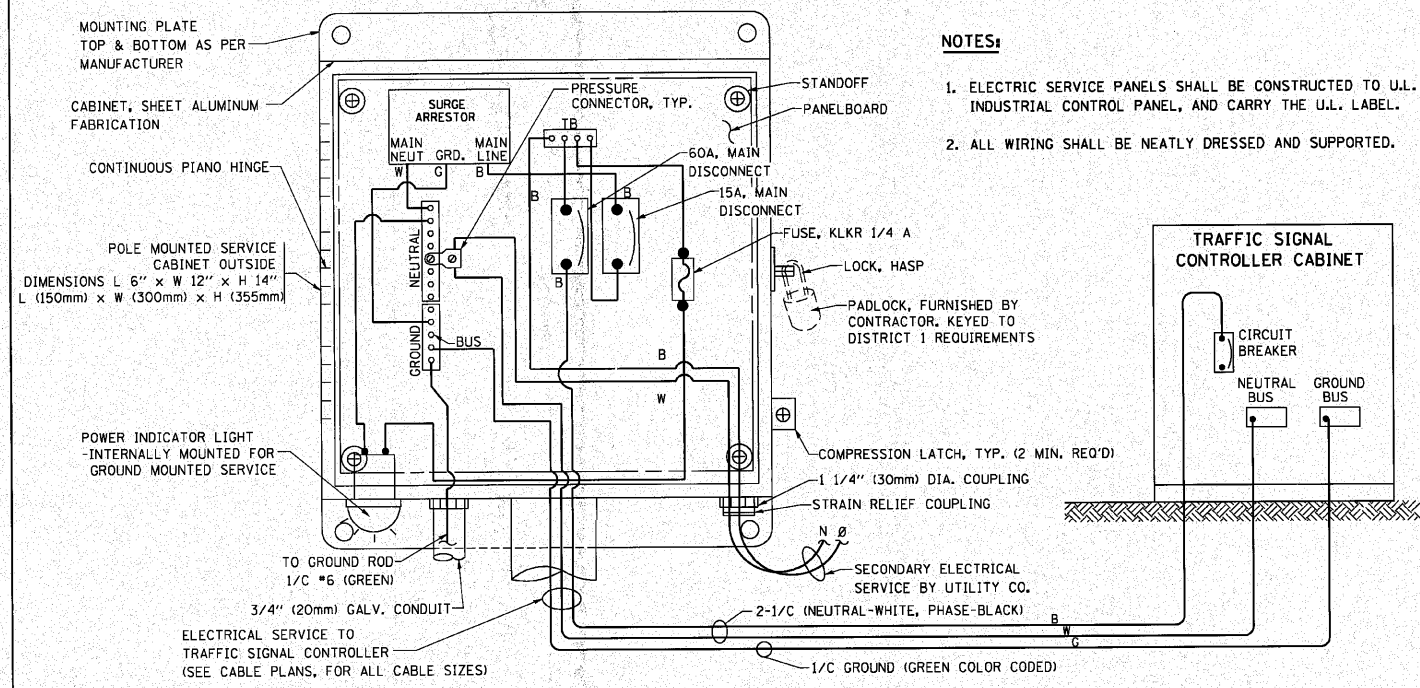
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PLOT DATE = 10/6/2009		DATE - 10/28/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

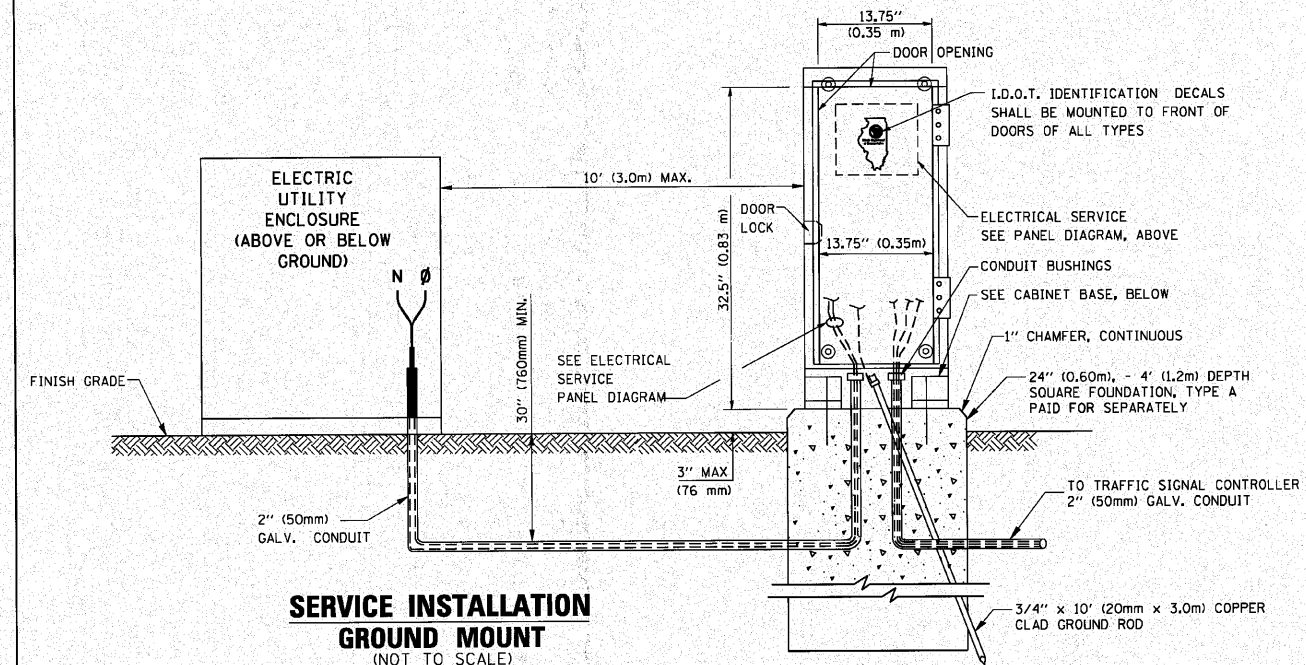
DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: SHEET NO. 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	8WRS-2	KANE	72	32
CONTRACT NO. 62529				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

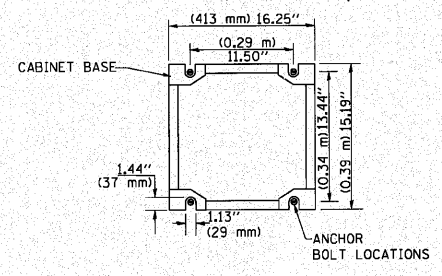


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)

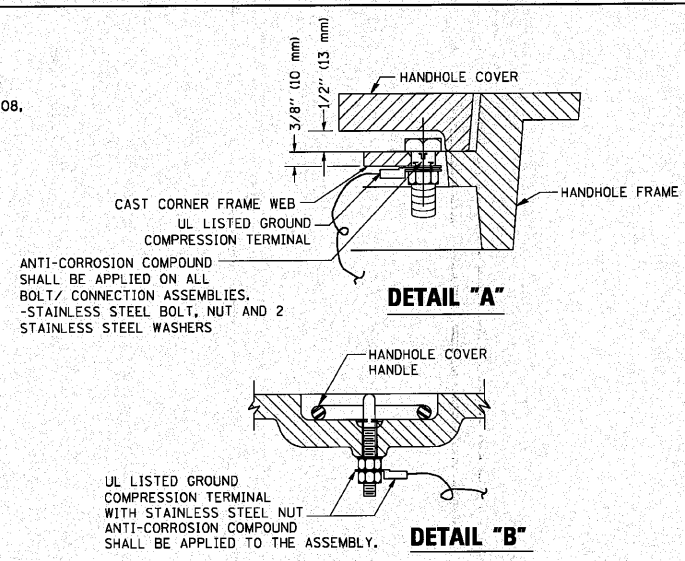


SERVICE INSTALLATION
GROUND MOUNT
(NOT TO SCALE)

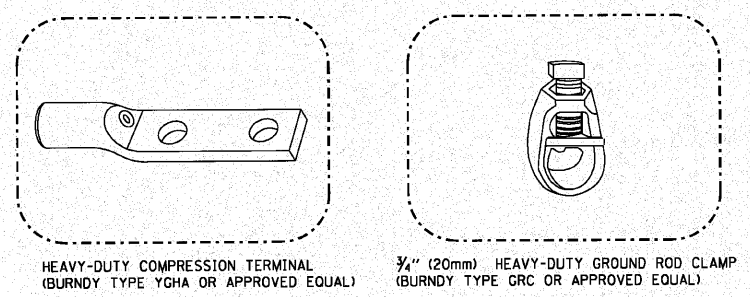
CABINET – BASE BOLT PATTERN
(NOT TO SCALE)



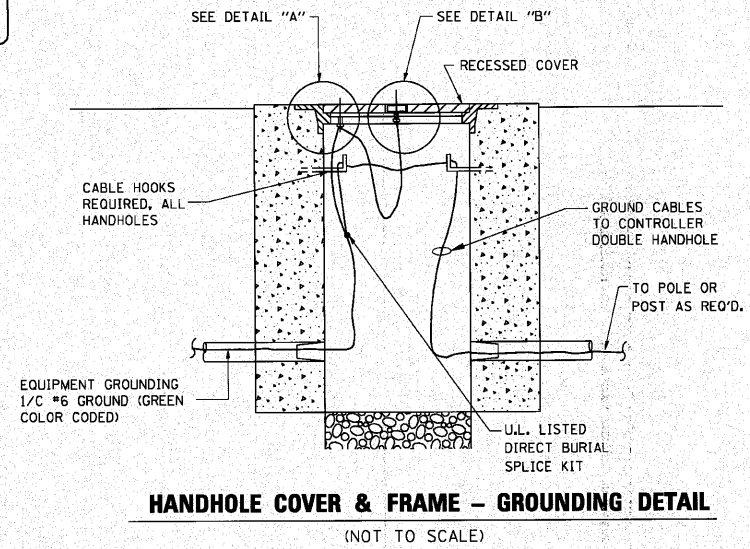
- NOTES:**
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
 2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



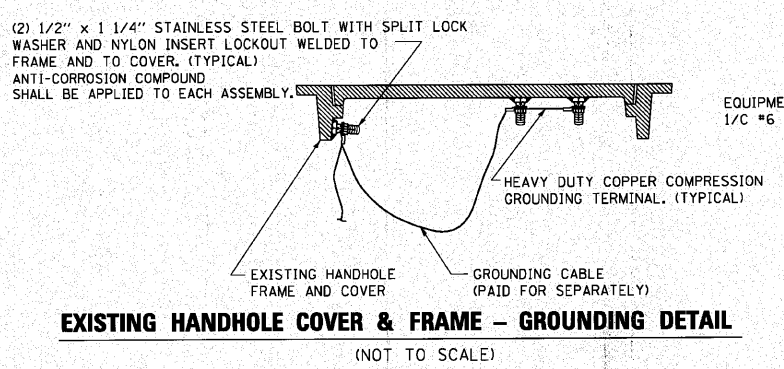
- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
 2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



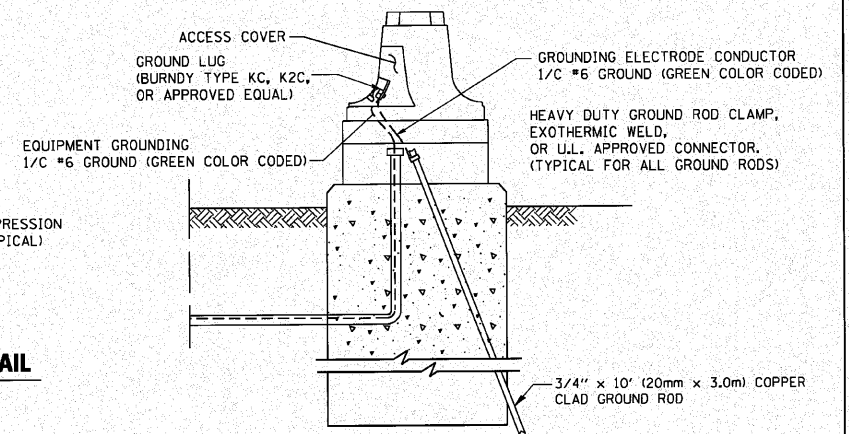
- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



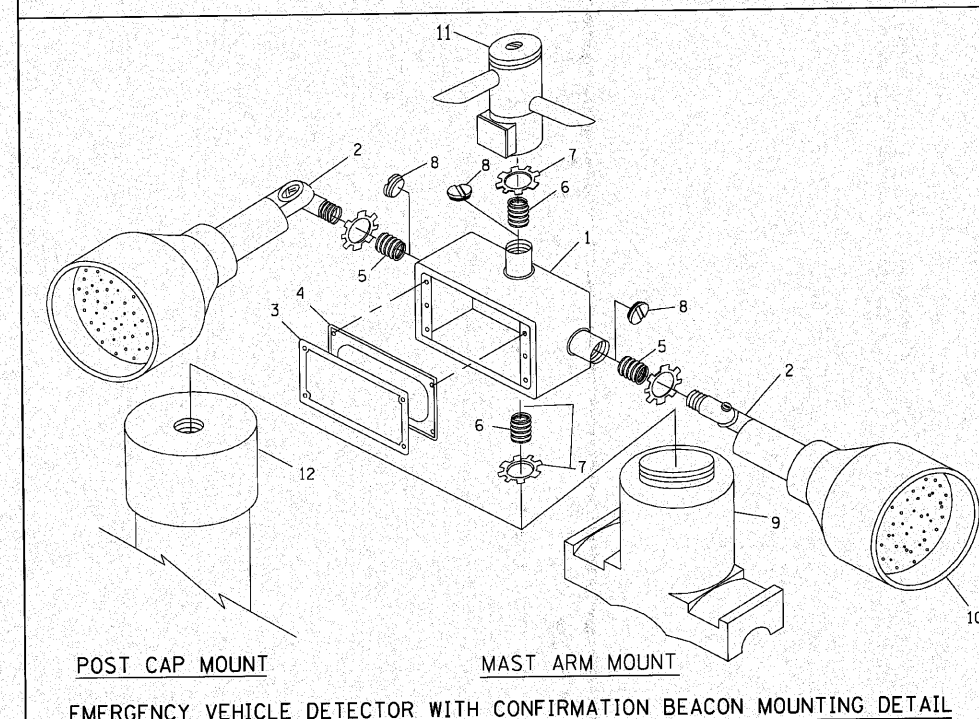
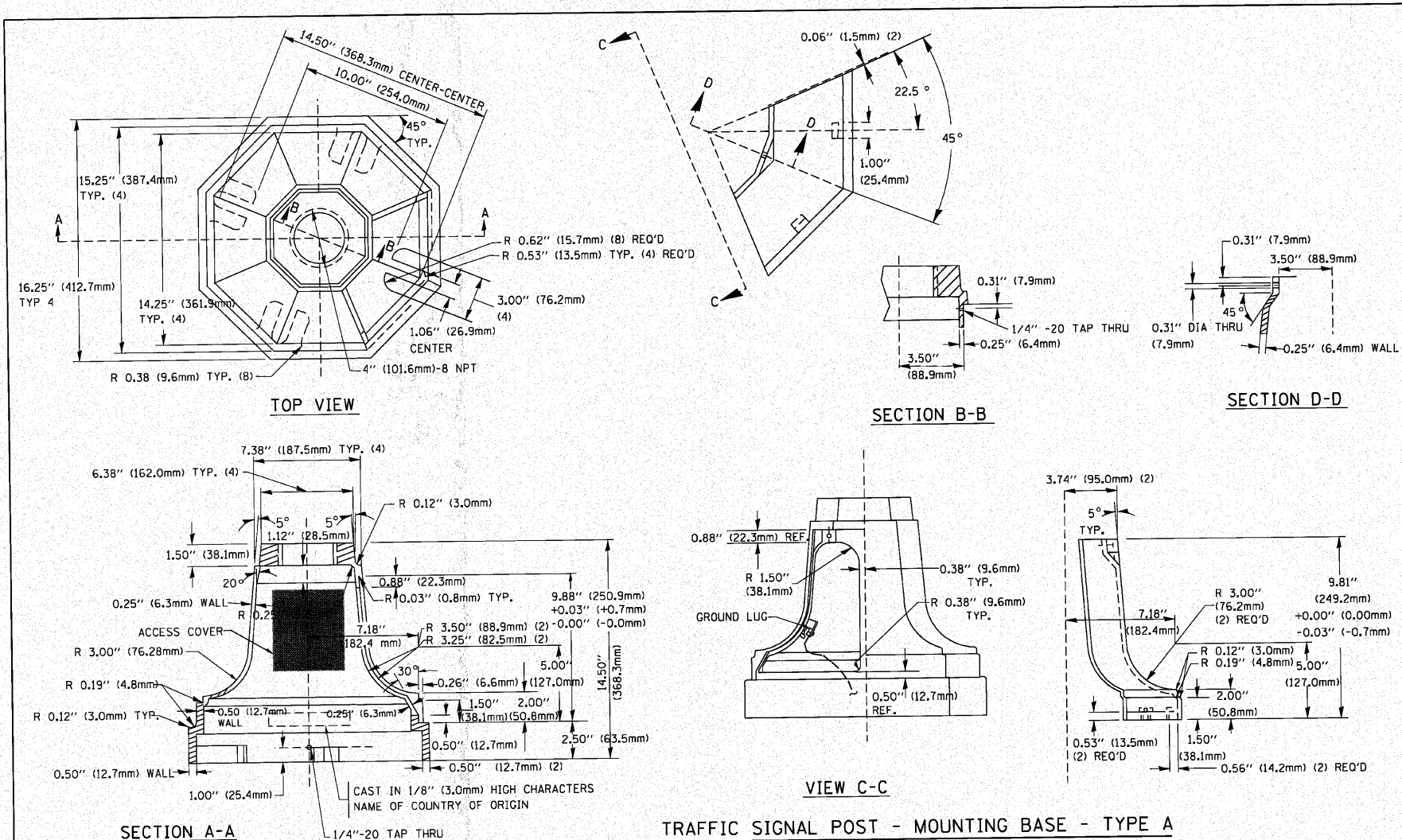
HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)

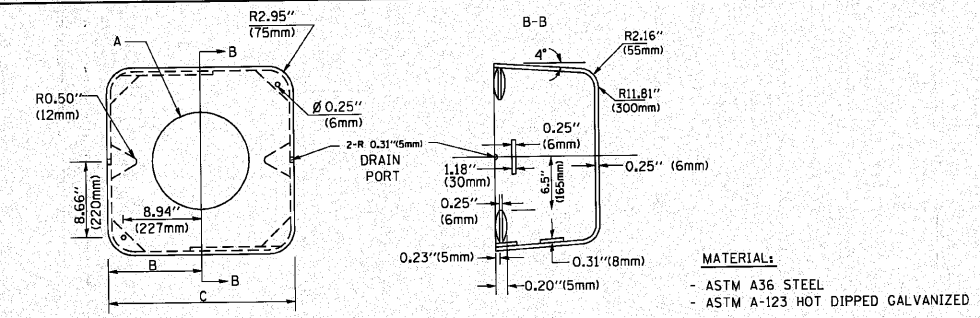


MAST ARM POLE / POST-GROUNDING DETAIL
(NOT TO SCALE)

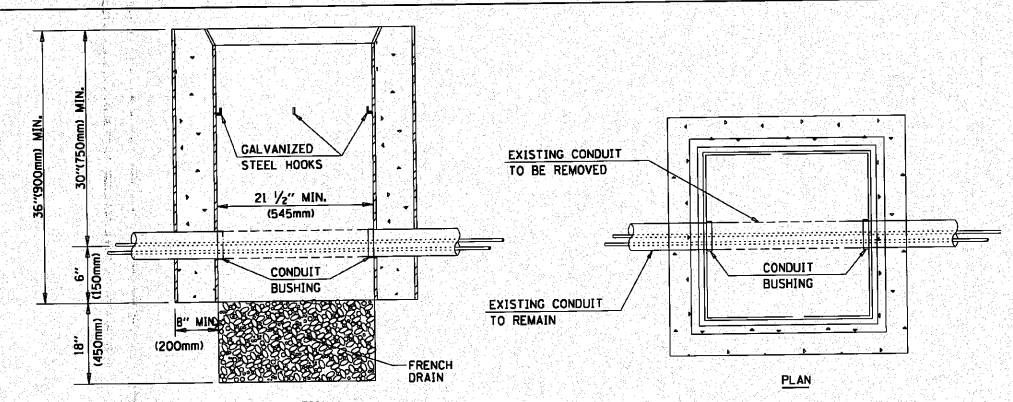
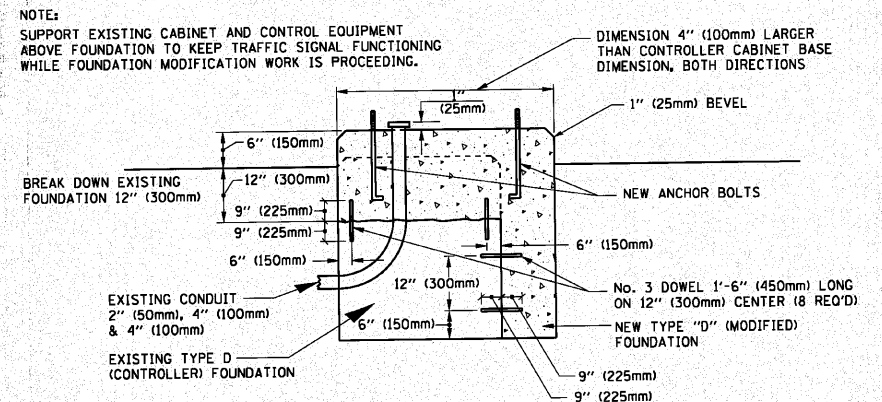


ITEM NO.	IDENTIFICATION
1	OUTLET BOX - GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

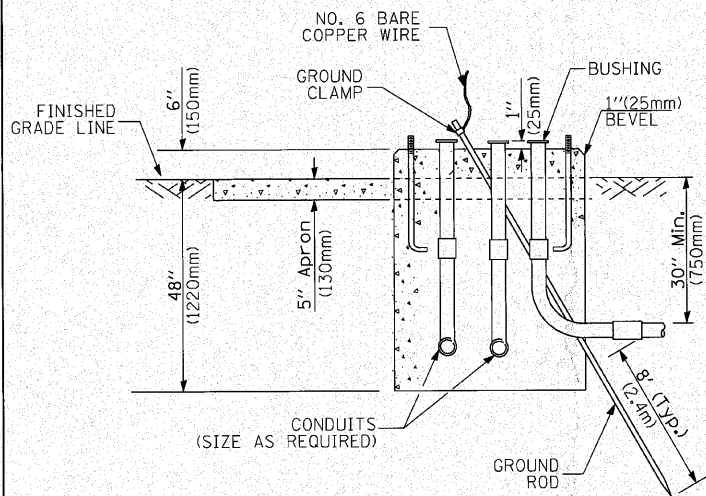
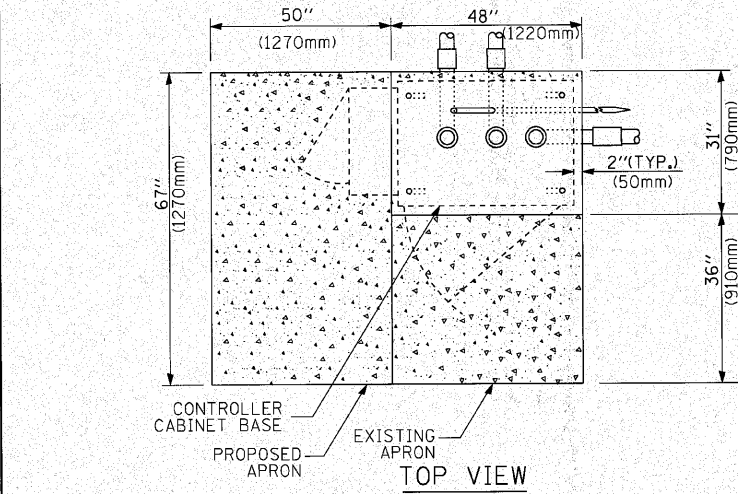
- NOTES:**
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
 - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
 - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



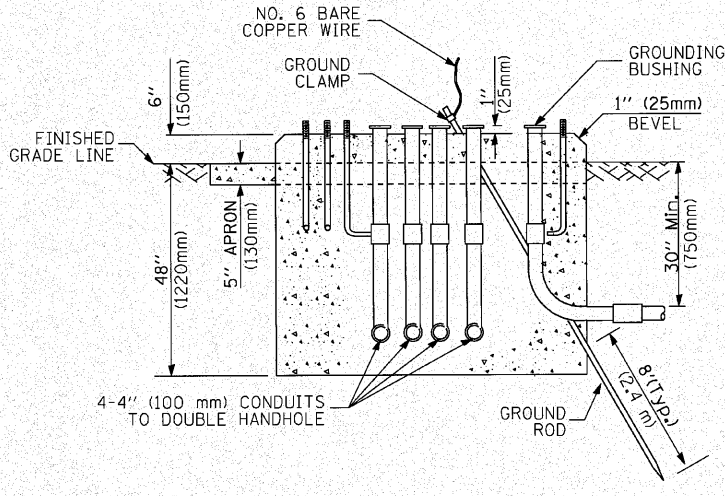
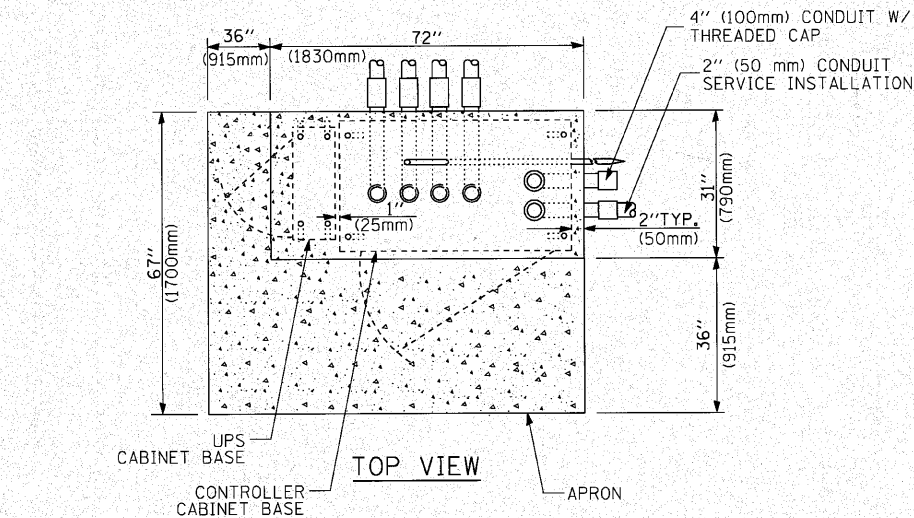
- NOTES:**
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
 - THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
 - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



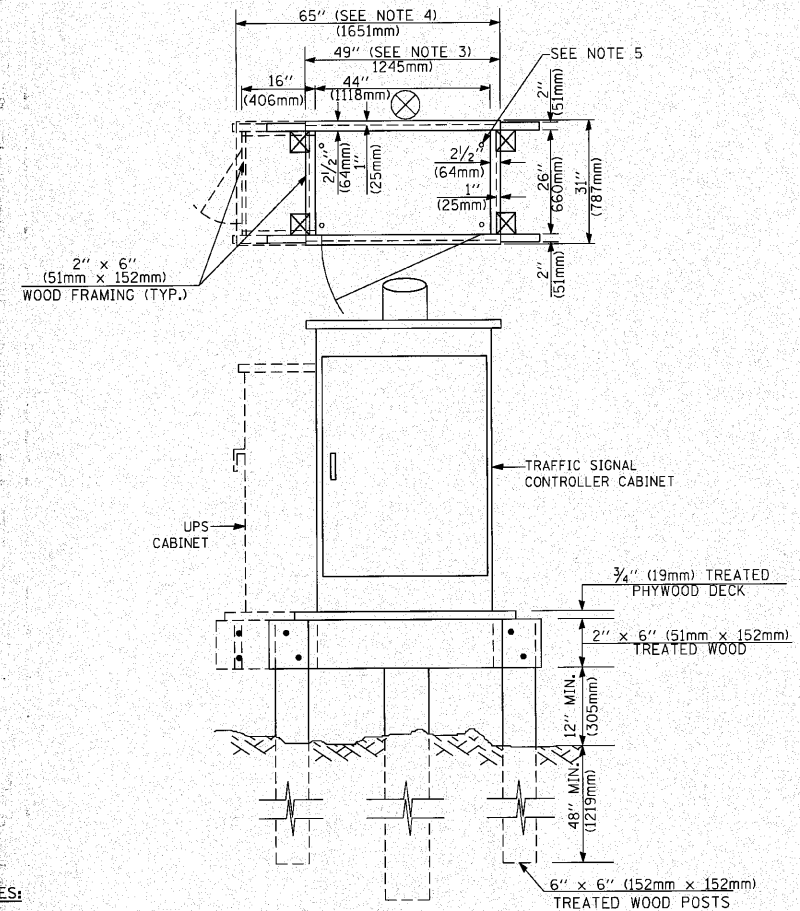
- NOTES:**
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.



**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



**TYPE C
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01\pw\work\PHIDOT\KANTHAPHIXAYBC\01126	4\tr\ff\so\legend.v7.dgn	DRAWN -	REVISED -					345	8WRS-2	KANE	72	35
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -									
	PLOT DATE = 10/6/2009	DATE -	REVISED -									
SCALE:		SHEET NO. 5 OF 6 SHEETS		STA.		TO STA.		CONTRACT NO. 62529				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED																		
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE																					
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE																					
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA																					
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED																					
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F																					
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F																					
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F																					
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)																					
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE																					
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED																					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM		S	S	STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED																					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM		I	IP	ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED																					
SIGNAL POST				REMOVE ITEM	R			STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED																					
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM	RL			SIGNAL POST AND FOUNDATION TO BE REMOVED																					
GUY WIRE				ABANDON ITEM	A			INTERSECTION & SAMPLING (SYSTEM) DETECTOR																					
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR																					
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR																					
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																					
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD				EXISTING PREFORMED INTERSECTION LOOP DETECTOR																					
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																					
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																					
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				PREFORMED SAMPLING (SYSTEM) DETECTOR																					
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER				RAILROAD SYMBOLS <table><tr><th></th><th>EXISTING</th><th>PROPOSED</th></tr><tr><td>RAILROAD CONTROL CABINET</td><td></td><td></td></tr><tr><td>RAILROAD CANTILEVER MAST ARM</td><td></td><td></td></tr><tr><td>FLASHING SIGNAL</td><td></td><td></td></tr><tr><td>CROSSING GATE</td><td></td><td></td></tr><tr><td>CROSSBUCK</td><td></td><td></td></tr></table>					EXISTING	PROPOSED	RAILROAD CONTROL CABINET			RAILROAD CANTILEVER MAST ARM			FLASHING SIGNAL			CROSSING GATE			CROSSBUCK		
	EXISTING	PROPOSED																											
RAILROAD CONTROL CABINET																													
RAILROAD CANTILEVER MAST ARM																													
FLASHING SIGNAL																													
CROSSING GATE																													
CROSSBUCK																													
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT																									
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER																									
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED																									
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)																									
MICROWAVE VEHICLE SENSOR																													
VIDEO DETECTION CAMERA																													
VIDEO DETECTION ZONE																													
PAN, TILT, ZOOM CAMERA																													
WIRELESS DETECTOR SENSOR																													
WIRELESS ACCESS POINT																													

FILE NAME =				USER NAME = kanthaphixaybo				DESIGNED - DAG/BCK				REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS				F.A.P. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
c:\pwwork\PWIDOT\KANTHAPHIXAYBO\81126				4\traffic\legend.v7.dgn				DRAWN - BCK				REVISED -												346		8WRS-2		KANE		72		36	
				PLOT SCALE = 20.0000' / IN.				CHECKED - DAD				REVISED -												CONTRACT NO. 62529									
				PLOT DATE = 10/6/2009				DATE - 10/28/09				REVISED -												FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									
																				SCALE: NONE		SHEET NO. 6 OF 6 SHEETS		STA.		TO STA.							

[illegible]

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: N/A	SHEET NO. 37 OF	SHEETS	STA.	TO STA.
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P:\2009\ME09006-VarVar_Phil\CADD\W05-US20\Shts\0162529-SHT-TS00-S001.dgn

FILE NAME : P:\2009\ME89026_VerVar-Phl\CAD\DWG\US20\Shrs\0162529-Int-TS01-Plank.dgn
DATE : 2010/04/09
USER NAME : Millennium Professional Services



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DESIGNED	TVN	REVISED	
DRAWN	TVN	REVISED	
CHECKED	RPD	REVISED	
DATE	4/9/2010	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN
US 20 AT PLANK/COOMBS ROAD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	38
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

P:\2009\ME89026_VerVar-Phl\CAD\DWG\US20\Shrs\0162529-Int-TS01-Plank.dgn

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

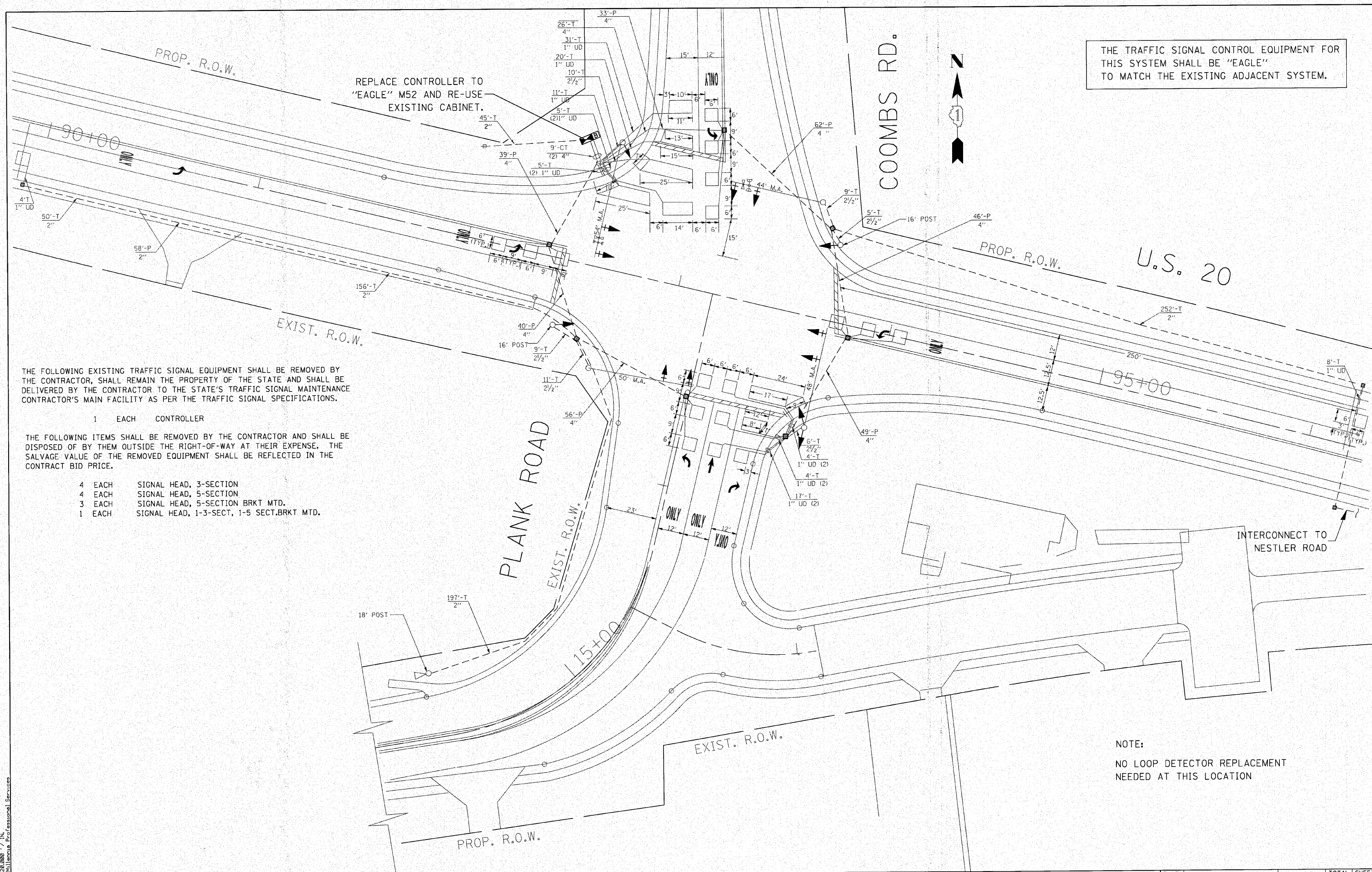
1 EACH CONTROLLER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH SIGNAL HEAD, 3-SECTION
- 4 EACH SIGNAL HEAD, 5-SECTION
- 3 EACH SIGNAL HEAD, 5-SECTION BRKT MTD.
- 1 EACH SIGNAL HEAD, 1-3-SECT, 1-5 SECT.BRKT MTD.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SYSTEM SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE:
NO LOOP DETECTOR REPLACEMENT NEEDED AT THIS LOCATION



FILE NAME: P:\2009\ME09006-Var\Ver-Phil\CADD\W05-US20\Shs\0162529-shs-TS01-Plank.dgn
PLOT SCALE: 28.0000' / IN.
PLOT USER: Millennium Professional Services

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND. LED		%OPERATION	
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	12	135	15	0.25	45.0
ARROW	16	135	12	0.10	19.2
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN		84		0.05	--
FLASHER				0.50	--
TOTAL =					341.2



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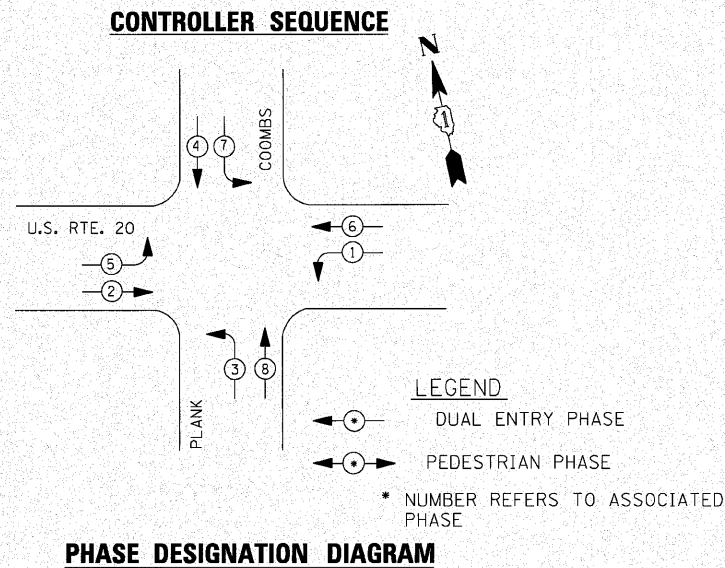
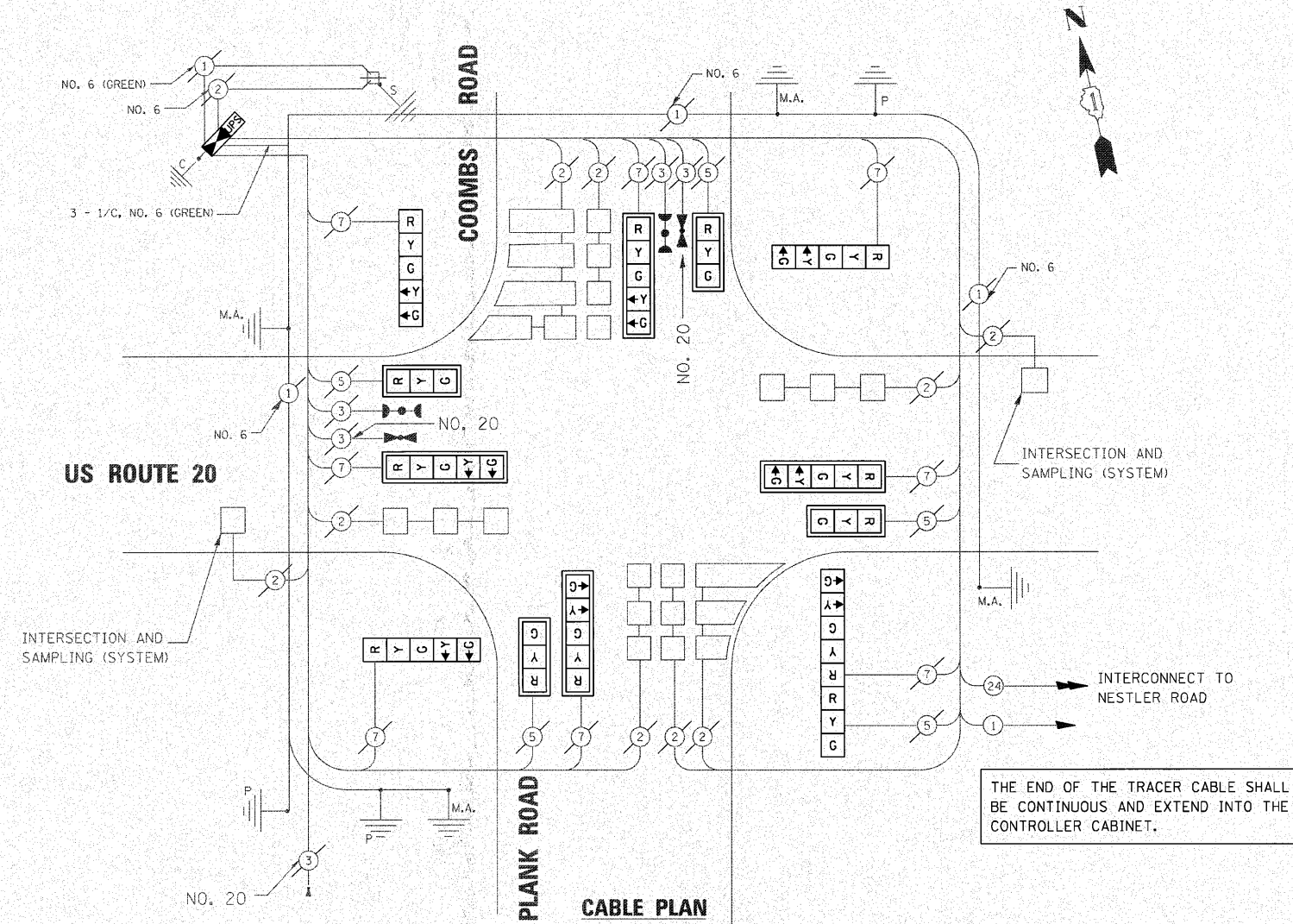
DESIGNED	TVN	REVISED	-
DRAWN	TVN	REVISED	-
CHECKED	RPD	REVISED	-
DATE	4/9/2010	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
SCHEDULE OF QUANTITIES
US 20 AT PLANK / COOMBS ROAD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	39
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

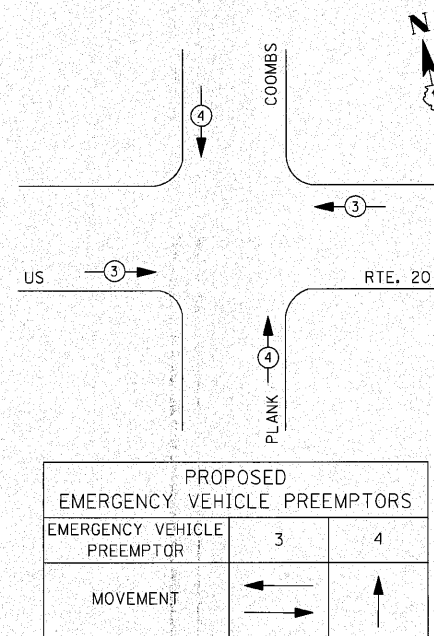


SCHEDULE OF QUANTITIES

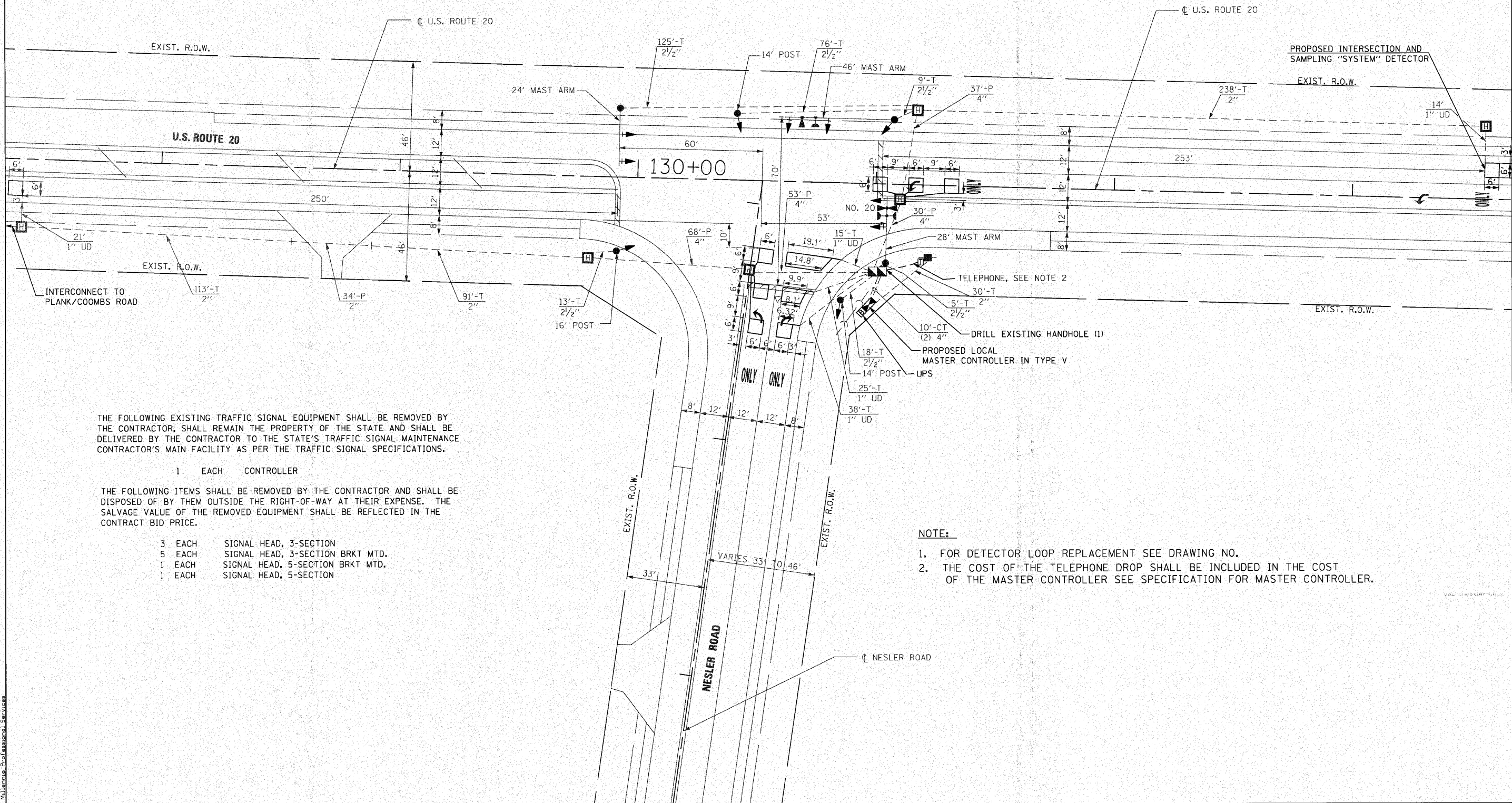
1	EACH	TRANSCEIVER - FIBER OPTIC
4	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
12	EACH	REMOVE EXISTING SIGNAL HEAD
1	EACH	CONTROLLER (SPECIAL)

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR
THIS SYSTEM SHALL BE "EAGLE"
TO MATCH THE EXISTING ADJACENT SYSTEM.

EMERGENCY VEHICLE PREEMPTION SEQUENCE



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SYSTEM SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 3 EACH SIGNAL HEAD, 3-SECTION
- 5 EACH SIGNAL HEAD, 3-SECTION BRKT MTD.
- 1 EACH SIGNAL HEAD, 5-SECTION BRKT MTD.
- 1 EACH SIGNAL HEAD, 5-SECTION

NOTE:

1. FOR DETECTOR LOOP REPLACEMENT SEE DRAWING NO.
2. THE COST OF THE TELEPHONE DROP SHALL BE INCLUDED IN THE COST OF THE MASTER CONTROLLER SEE SPECIFICATION FOR MASTER CONTROLLER.

FILE NAME: P:\2009\ME09026_VerVar_Phil\CADD\W05_US20\Shots\1502-1Nesler-Signal.dgn
PLOT SCALE: 1" = 20'-0" / 1" = 20'-0"
USER NAME: Millennium Professional Services



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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 4/9/2010	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN
US 20 AT NESLER ROAD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	40
CONTRACT NO. 62529				

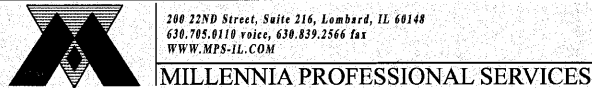
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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FILE NAME: P:\2009\ME090606_Ver\Var_Phil\CADD\W05_US20\Shets\162529-shet-TS02-2Nestler-CBL.dgn
PLOT SCALE: 50.0001 / IN.
USER NAME: Millennia Professional Services

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		X INCAND.	LED X		
SIGNAL (RED)	10	135	17	0.50	85
(YELLOW)	10	135	25	0.25	62.5
(GREEN)	10	135	15	0.25	37.5
ARROW	4	135	12	0.10	4.8
PED. SIGNAL	-	135	12	0.19	-
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN	-	84	-	0.05	-
FLASHER	-	-	-	0.50	-
TOTAL					289.8

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY: CONTACT: ROSE PECORARO
PHONE: (847) 608-2331
COMPANY: COMED



FOUNDATION (DEPTH)	(FT.)	CABLE SLACK	(FT.)	VERTICAL	(FT.)
TYPE A - POST	4	HANDHOLE	6.5	ALL FOUNDATIONS	3.5
D - CONTROLLER	4	DOUBLE HANDHOLE	13	MAST ARM (L) POLE	20' + L-2 =
E - M. ARM POLE		SIGNAL POST	2	BRACKET MOUNTED	13
24"	10	CONTROLLER CAB.	1	PED. PUSHBUTTON	4
30"	15	FIBER OPTIC	13	ELECTRIC SERVICE	13.5
36"	15	ELECTRIC SERVICE	1	SERVICE TO GROUND	13.5
		GROUND CABLE	1	POST MOUNTED	6

DESIGNED	TVN	REVISED	-
DRAWN	TVN	REVISED	-
CHECKED	RPD	REVISED	-
DATE	4/9/2010	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
SCHEDULE OF QUANTITIES
US 20 AT NESTLER ROAD

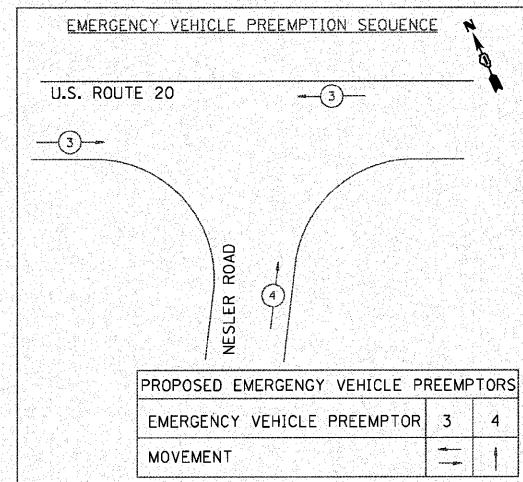
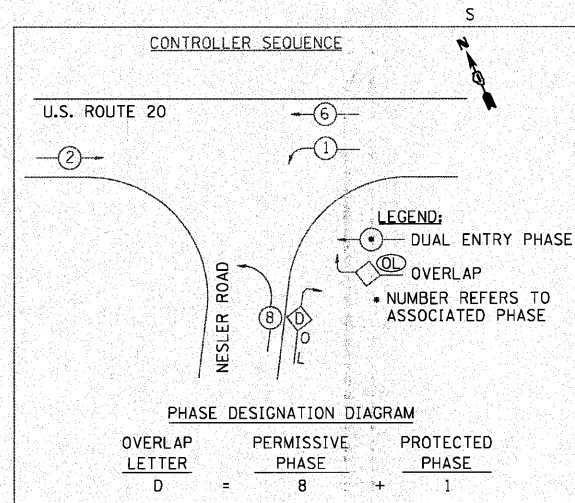
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	41
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

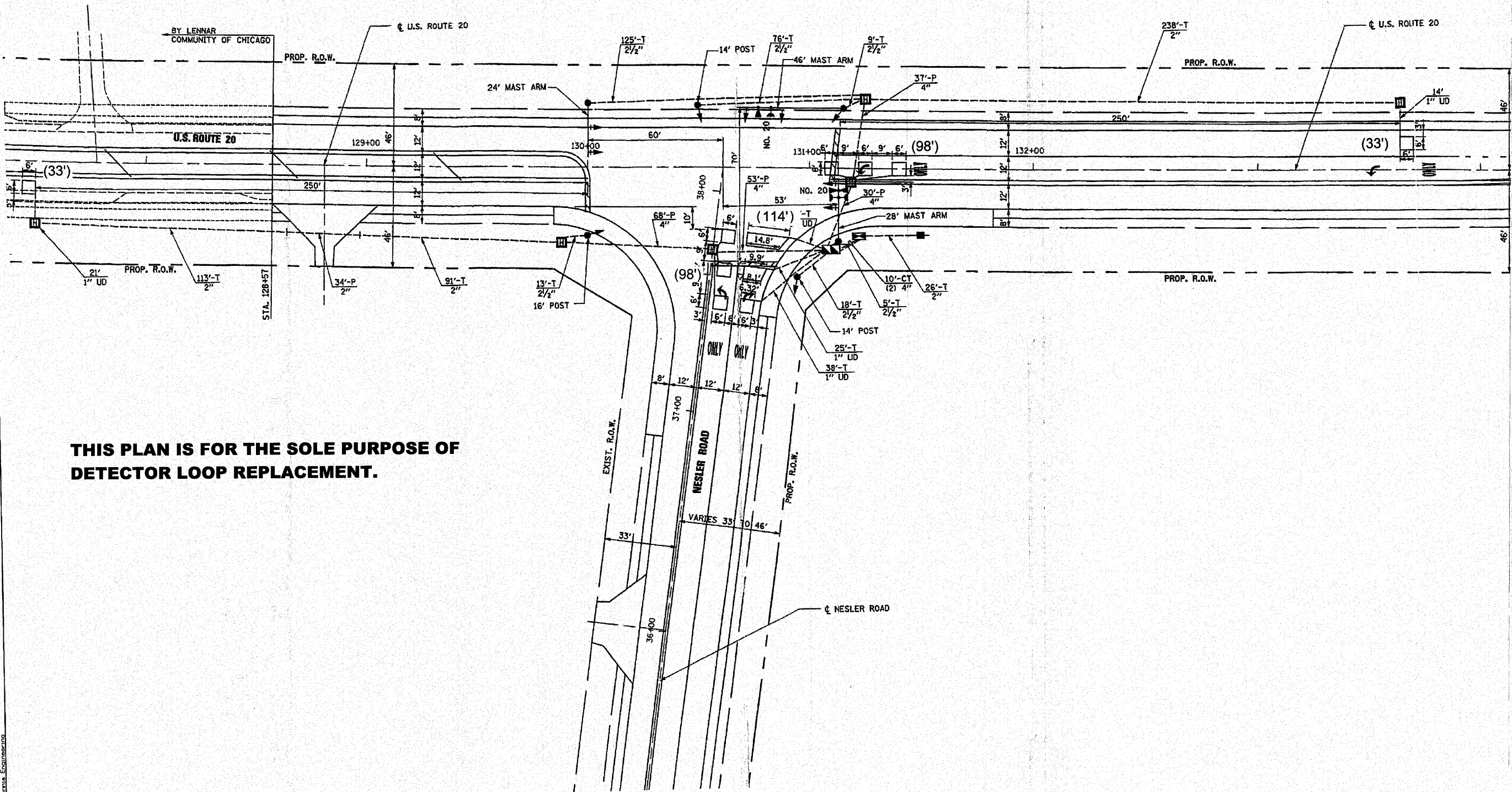
SCHEDULE OF QUANTITIES

ITEM	UNIT	QTY
TRANSCEIVER - FIBEROPTIC	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
DETECTOR LOOP REPLACEMENT	FOOT	376
INDUCTIVE LOOP DETECTOR	EACH	5
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE EXISTING SIGNAL HEAD	EACH	10

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SYSTEM SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.



CODE	QUANTITY	UNIT	ITEM
88600600	376	FOOT	DETECTOR LOOP REPLACEMENT



THIS PLAN IS FOR THE SOLE PURPOSE OF
DETECTOR LOOP REPLACEMENT.

FILE NAME: P:\2009\62529\62529.dgn
SCALE: 1" = 40'
USER: J. J. J.



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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 12/9/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 20 AT
NESSLER ROAD

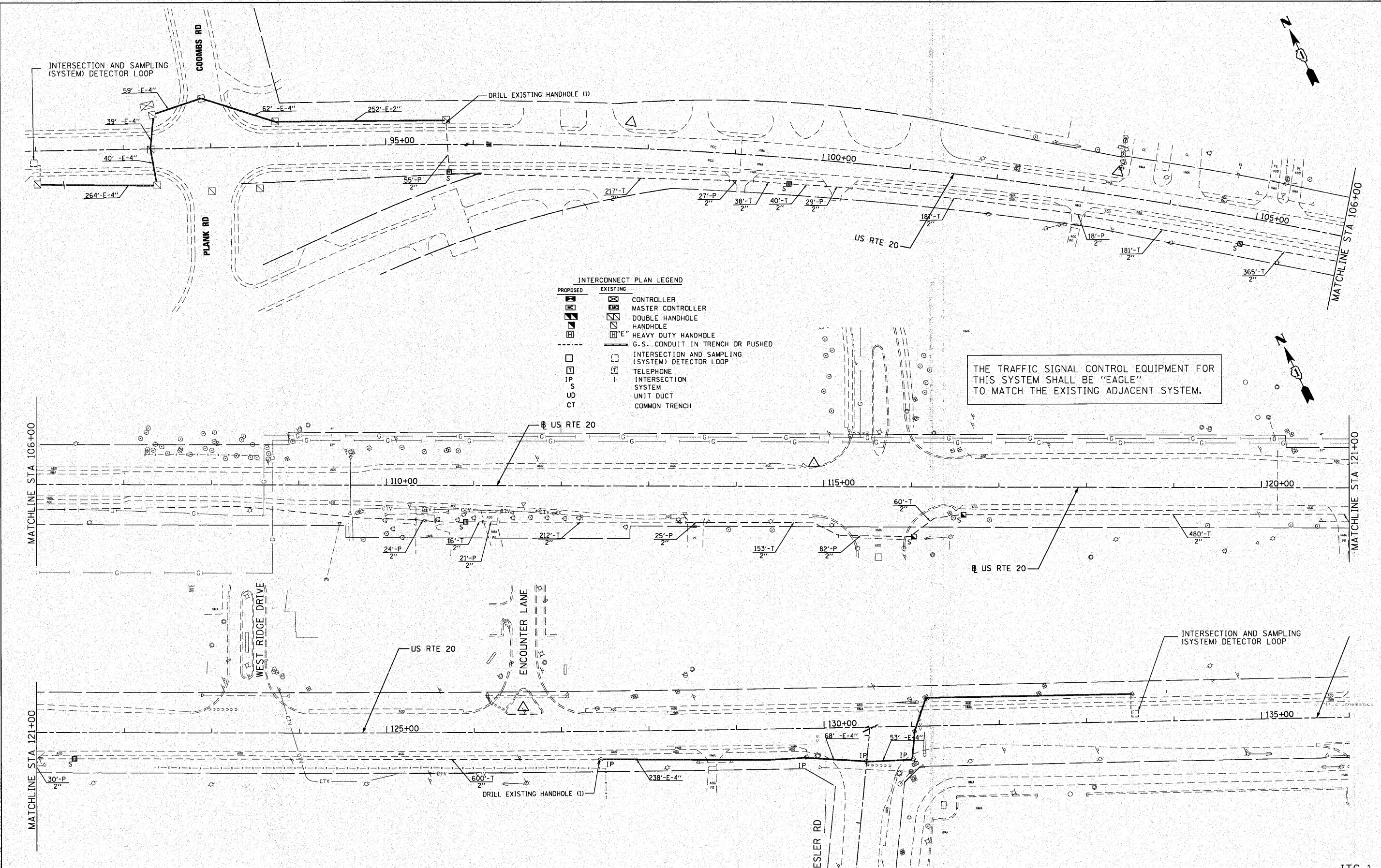
DETECTOR LOOP REPLACEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	42
CONTRACT NO. 62529				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

P:\2009\62529\62529.dgn

FILE NAME: P:\2009\PROJECTS\2009\PH1\CAD\W05_1520\Shs\0162529-shs-ITC1.dgn
PLOT SCALE: 1"=50'
USER NAME: Millennium Professional Services





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DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 4/9/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

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

SYSTEM INTERCONNECT PLAN		F.A.P. RTE. 345	SECTION 8WRS-2	COUNTY KANE	TOTAL SHEETS 72	SHEET NO. 43
					CONTRACT NO. 62529	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

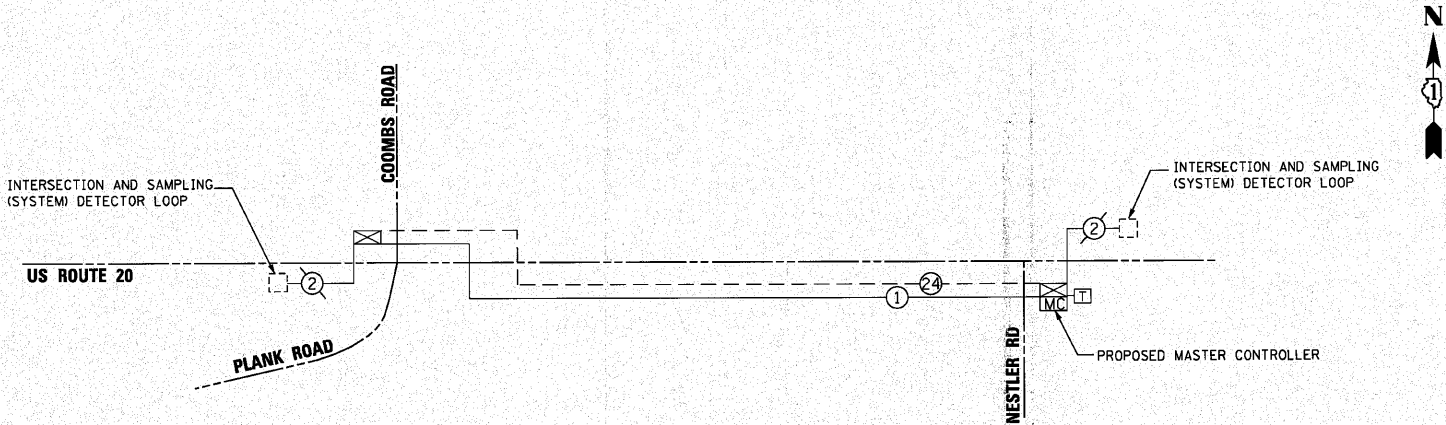
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ITC-1

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SYSTEM SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SYSTEM INTERCONNECT SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2615
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	220
HANDHOLE	EACH	2
HEAVY DUTY HANDHOLE	EACH	5
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2615
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
MASTER CONTROLLER	EACH	1
DRILL EXISTING HANDHOLE	EACH	2
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3639
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F	FOOT	3639



P:\2009\ME09006.Var\Var_Phi\CADD\W05.US20\Shts\0162529-SHT-ITC2-Schematic.dgn
PLOT NAME = 5/2/2010
USER NAME = Millennium Professional Services



200 22ND Street, Suite 216, Lombard, IL 60148
630.703.0110 voice, 630.839.2566 fax
WWW.MPS-IL.COM

MILLENNIA PROFESSIONAL SERVICES

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 4/9/2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20
EAST OF PLANK ROAD TO WELD ROAD

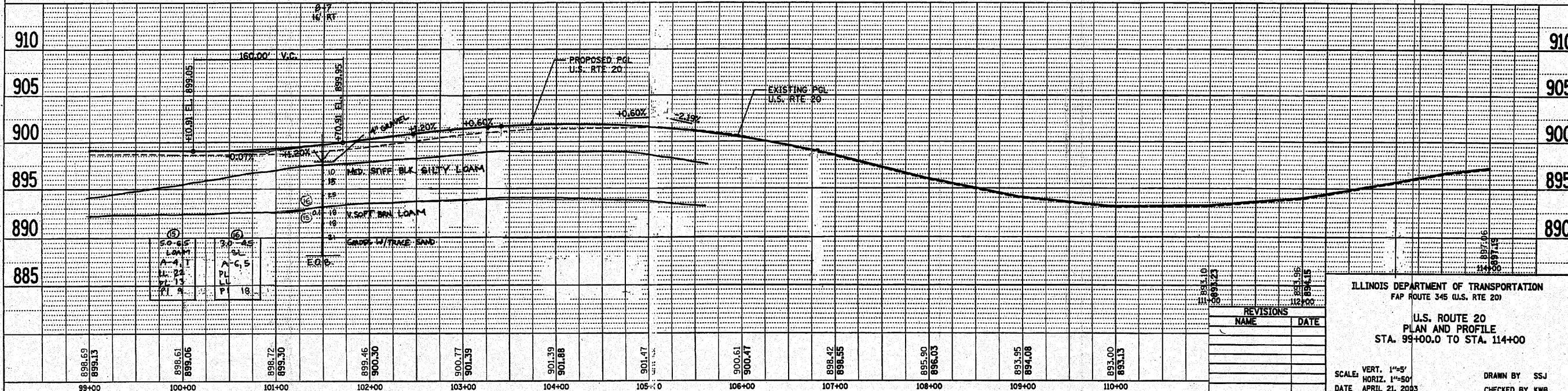
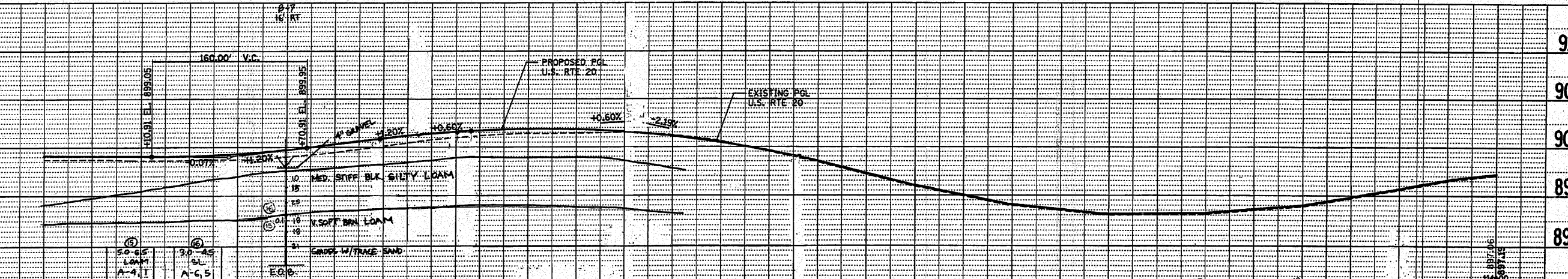
INTERCONNECT SCHEMATIC

SCALE: NONE SHEET NO. 43 OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BWRS-2	KANE	72	44
CONTRACT NO. 62529				

P:\2009\ME09006.Var\Var_Phi\CADD\W05.US20\Shts\0162529-SHT-ITC2-Schematic.dgn

FOR INFORMATION ONLY

[illegible]

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 (U.S. RTE 20)

U.S. ROUTE 20
PLAN AND PROFILE
STA. 99+00.0 TO STA. 114+00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'
DATE APRIL 21, 2003

DRAWN BY SSJ
CHECKED BY KWA

FOR INFORMATION ONLY

PIN# 06-18-200-015

PIN# 06-18-200-016

PIN# 06-18-200-012

PIN# 06-18-200-015

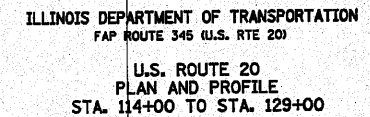
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PIN# 06-18-200-008

PIN# 06-18-200-006

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

PROFILE	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
NOTE BOOK	B.M. NOTED _____		
NO. _____	STRUCTURE NOTATIONS CHECKED _____		



DRAWN BY SSJ
CHECKED BY KWB

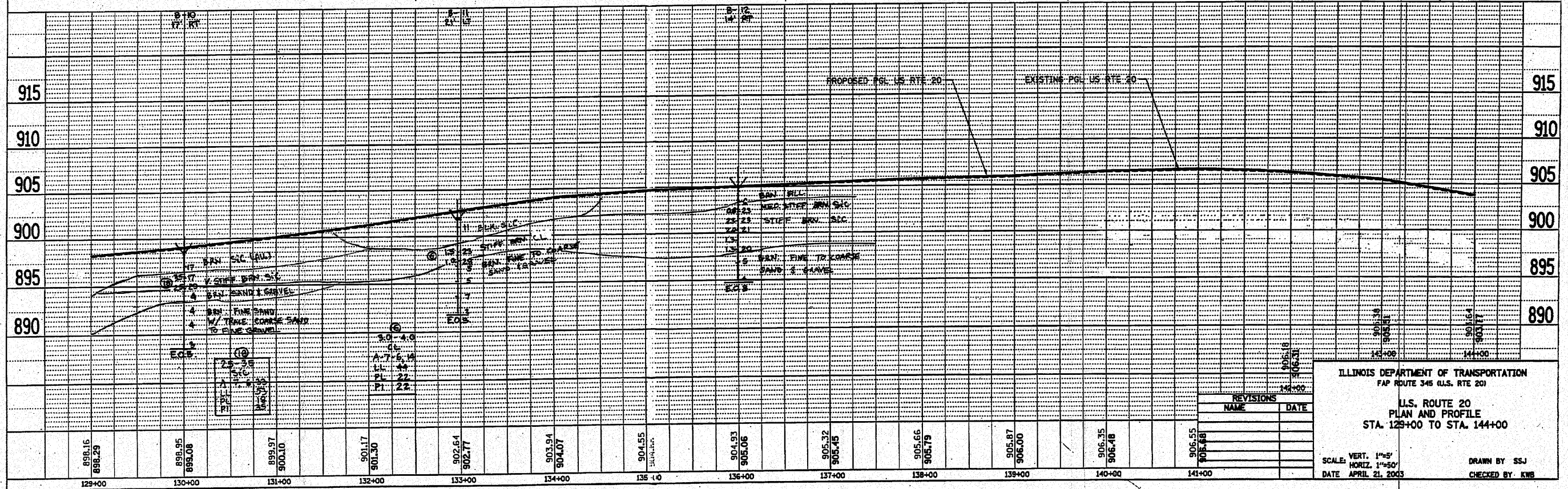
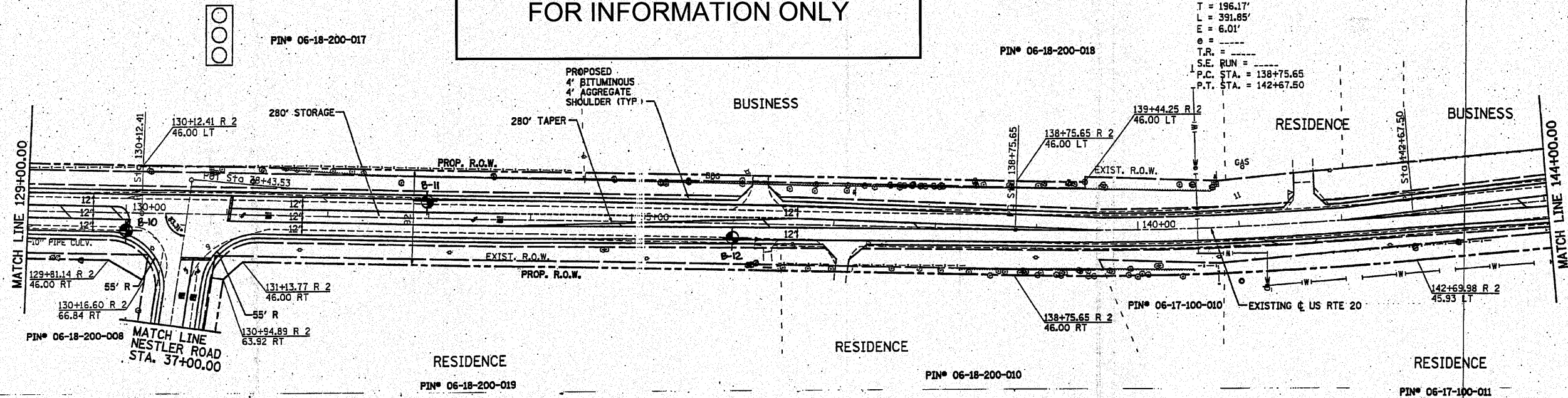
PLAN	DATE	BY
DESIGNED		
CHECKED		
IN CHARGE		
DATE		

PROFILE	DATE	BY
DESIGNED		
CHECKED		
IN CHARGE		
DATE		

FOR INFORMATION ONLY

EXIST. CURVE 12
 PI STA. = 140+71.82
 $\Delta = 7^{\circ} 00' 49''$ (LT)
 $D = 1^{\circ} 47' 23''$
 $R = 3,201.15'$
 $T = 196.17'$
 $L = 391.85'$
 $E = 6.01'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 138+75.65$
 $P.T. STA. = 142+67.50$

RTE	SECTION	COUNTY	SHEET NO.	SHEET TOTAL
345	8WRS-2	KANE	72	47
STA. 129+00.00 TO STA. 144+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



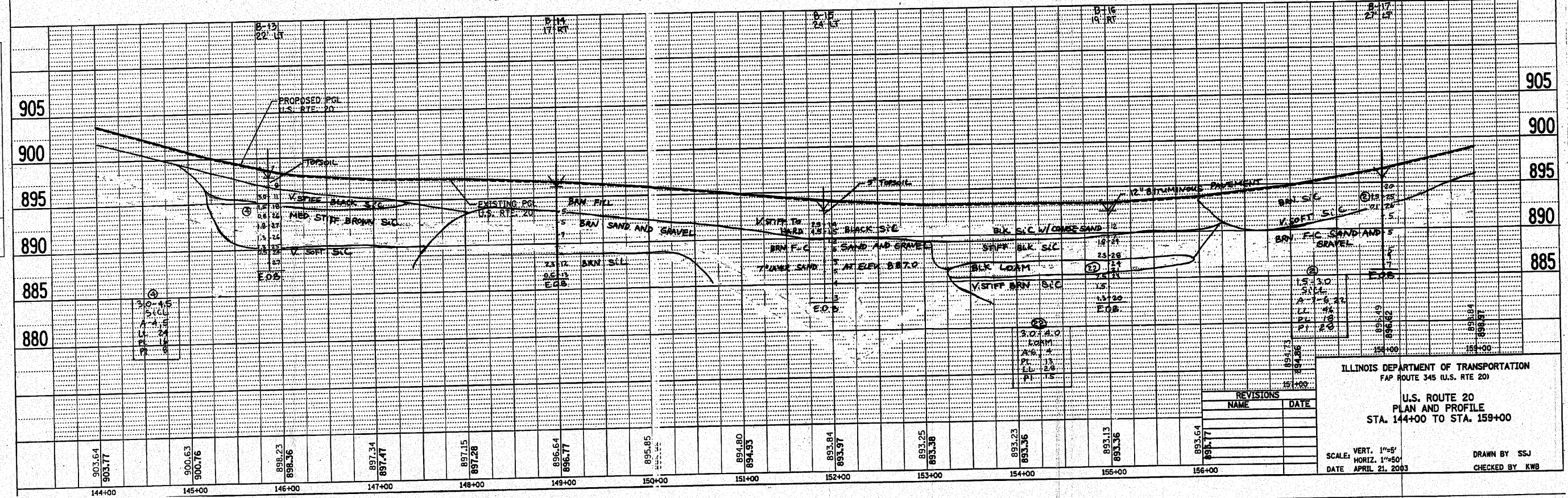
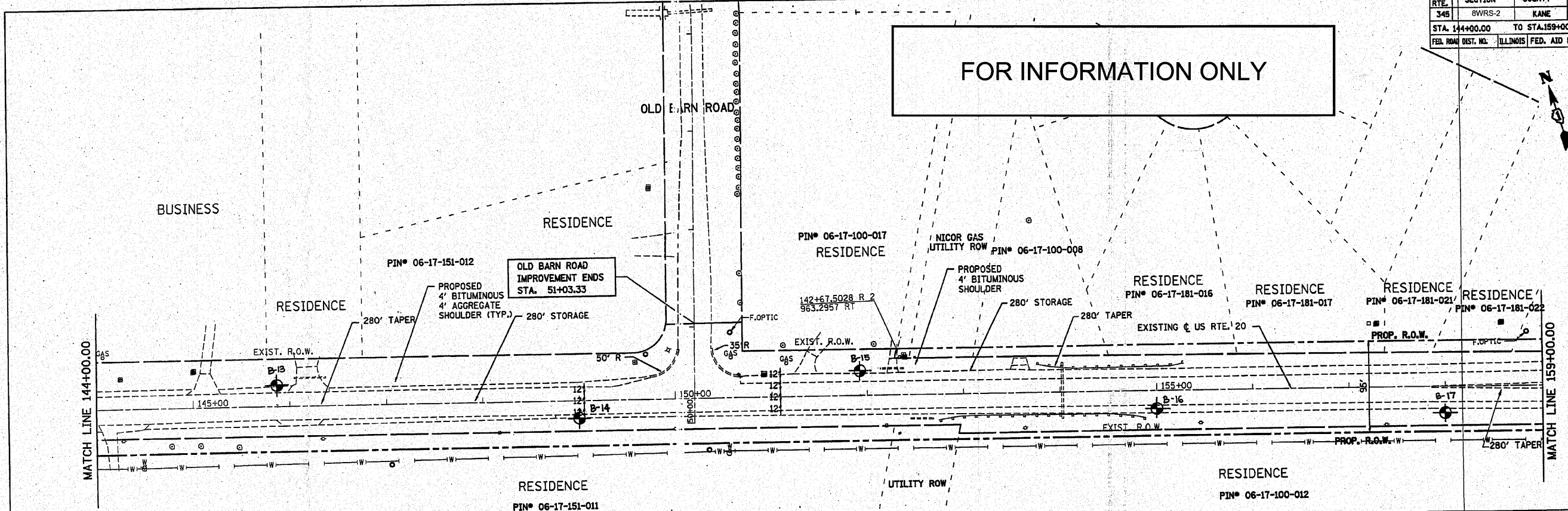
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 (U.S. RTE 20)
 U.S. ROUTE 20
 PLAN AND PROFILE
 STA. 129+00 TO STA. 144+00
 SCALE: VERT. 1"=5'
 HORIZ. 1"=50'
 DATE APRIL 21, 2003
 DRAWN BY SSJ
 CHECKED BY KWB

PLAN	DATE
BY	
REVISIONS	
NO.	
NOTE BOOK	
FILE NAME	

PROFILE	DATE
BY	
REVISIONS	
NO.	
NOTE BOOK	
FILE NAME	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	48
STA. 144+00.00 TO STA. 159+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY



ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 (U.S. RTE 20)

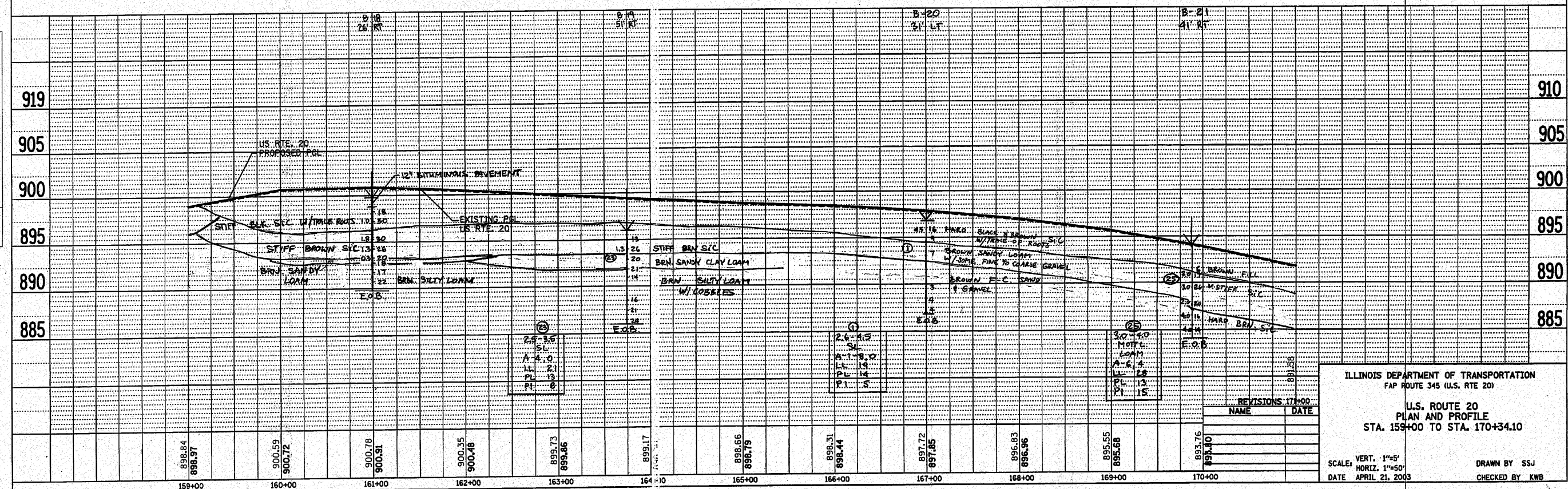
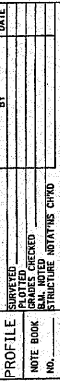
U.S. ROUTE 20
PLAN AND PROFILE
STA. 144+00 TO STA. 159+00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'

DATE APRIL 21, 2003

DRAWN BY SSJ
CHECKED BY KWB

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO. _____	ALIGNMENT CHECKED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	

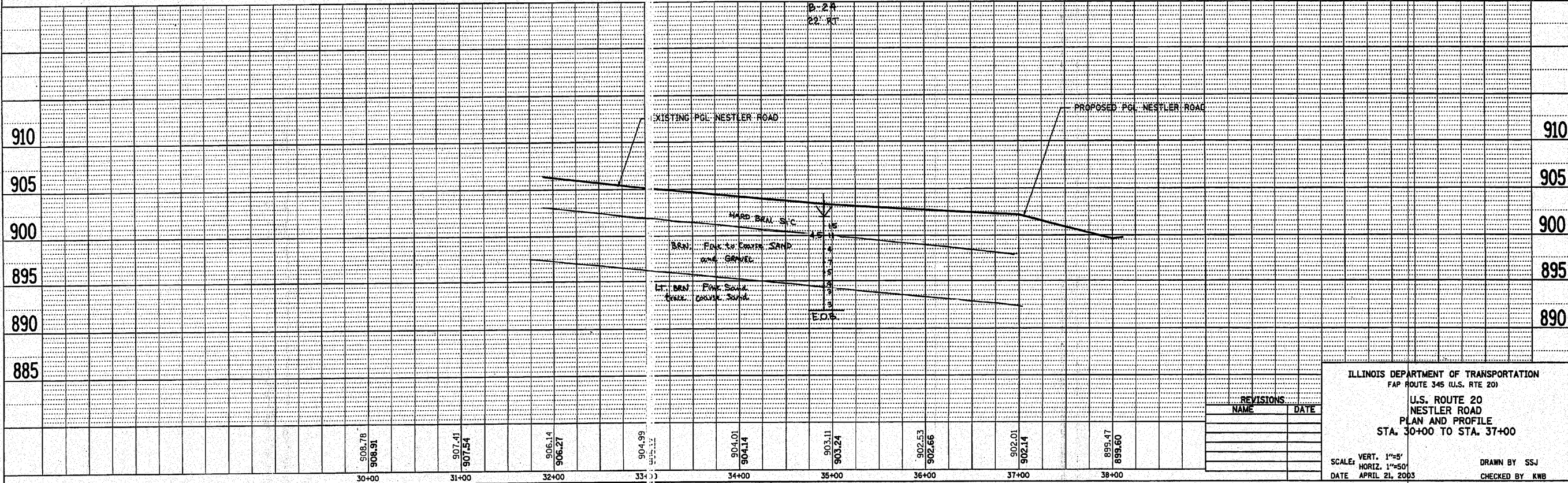
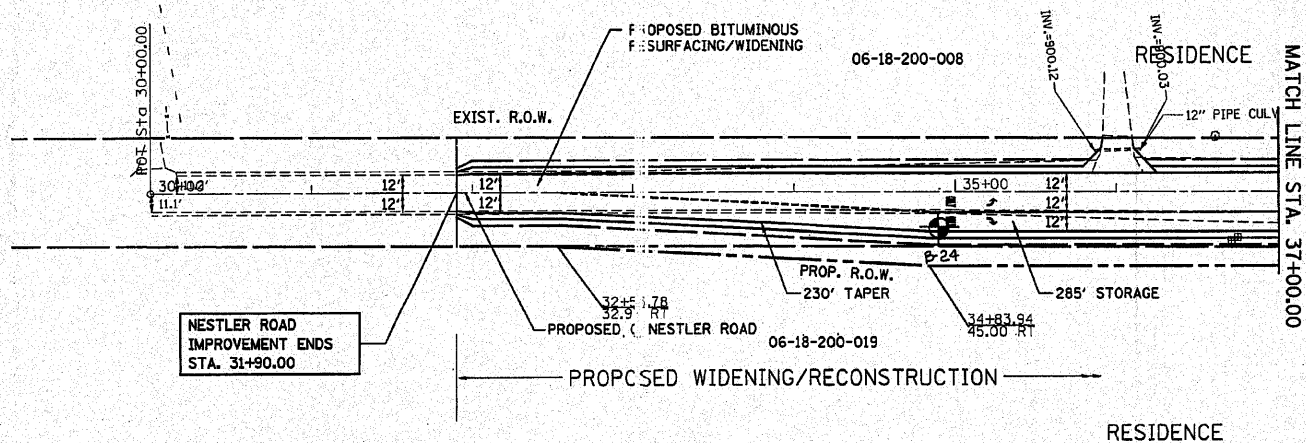


PLAN	DATE	BY
DESIGNED		
PLOTTED		
CHECKED		
IN CHARGE		
NO. OF MAY CHECKED		
FILE NAME		

PROFILE	DATE	BY
DESIGNED		
PLOTTED		
CHECKED		
IN CHARGE		
NO. OF MAY CHECKED		
FILE NAME		

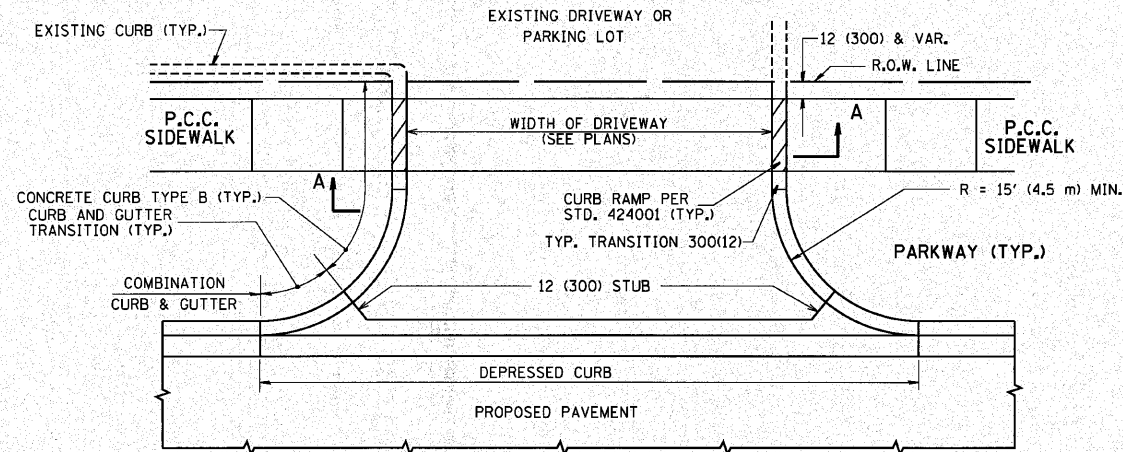
FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	50
STA. 30+00.00 TO STA. 37+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

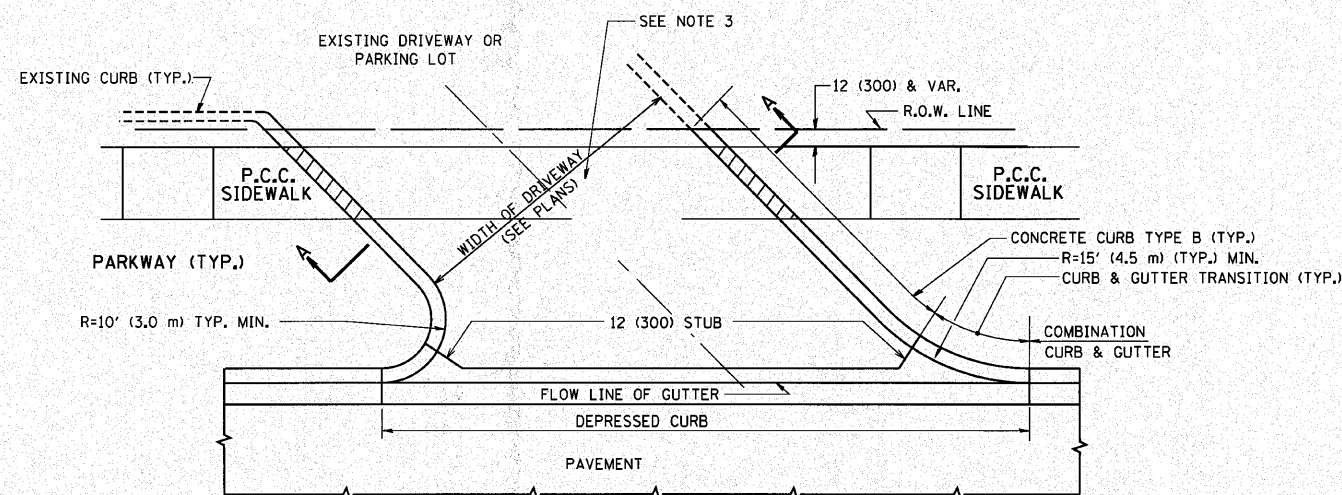


REVISIONS	
NAME	DATE

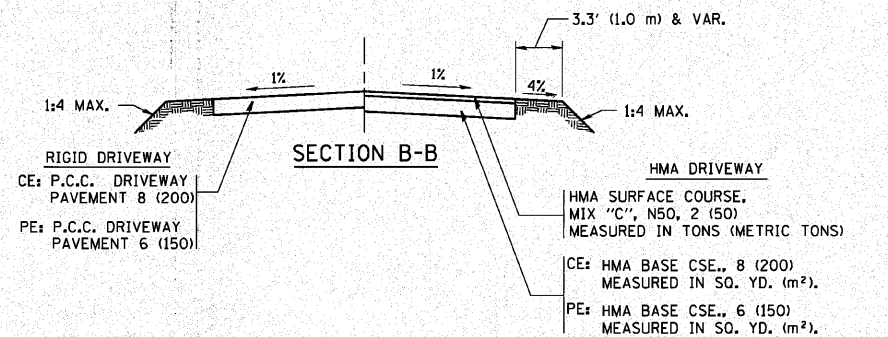
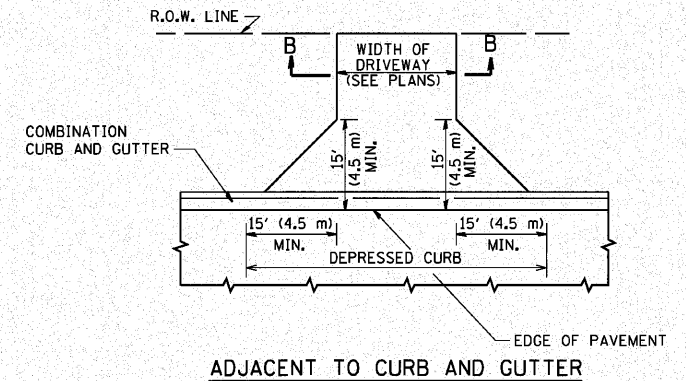
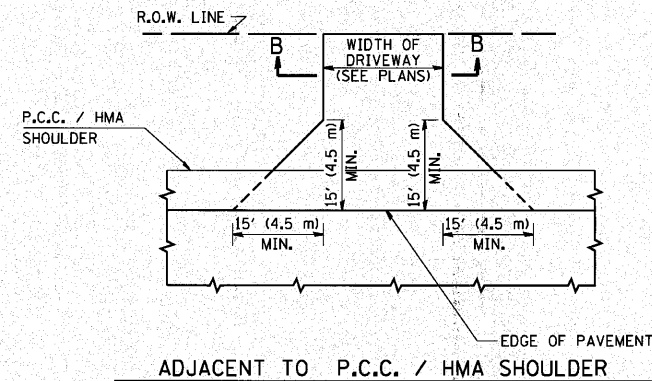
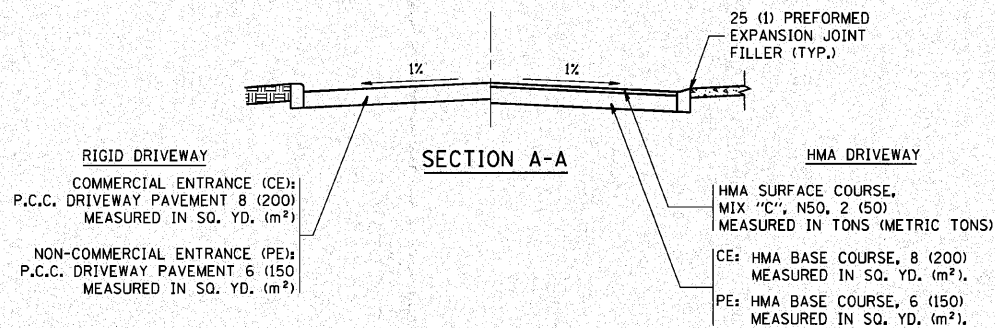
ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAP ROUTE 345 (U.S. RTE 20)
 U.S. ROUTE 20
 NESTLER ROAD
 PLAN AND PROFILE
 STA. 30+00 TO STA. 37+00
 SCALE: VERT. 1"=5'
 HORIZ. 1"=50'
 DATE APRIL 21, 2003
 DRAWN BY SSJ
 CHECKED BY KWB



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)
HMA SURFACE COURSE,
MIX 'C', N50, 2 (50)
MEASURED IN TONS (METRIC TONS)
AGGREGATE BASE CSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

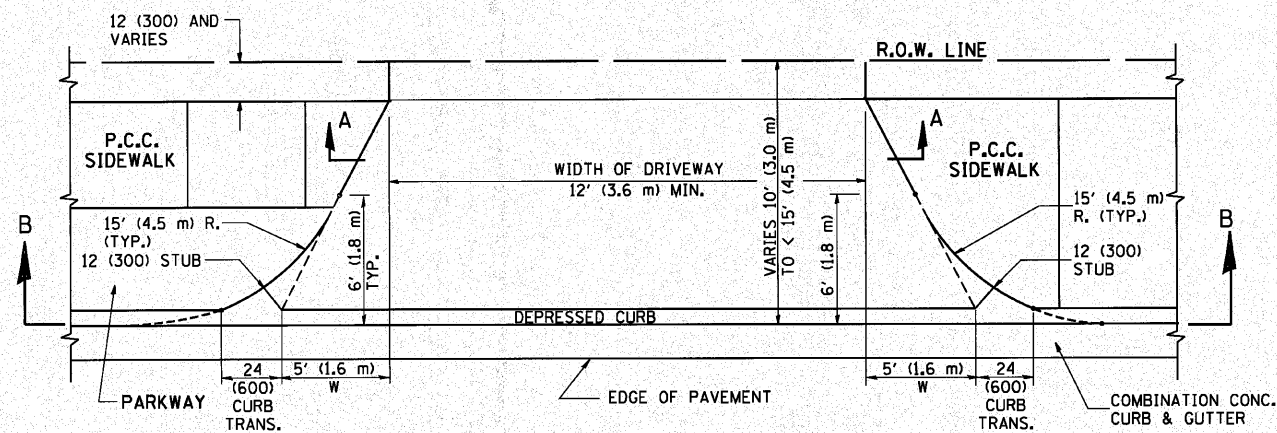
THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS, SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

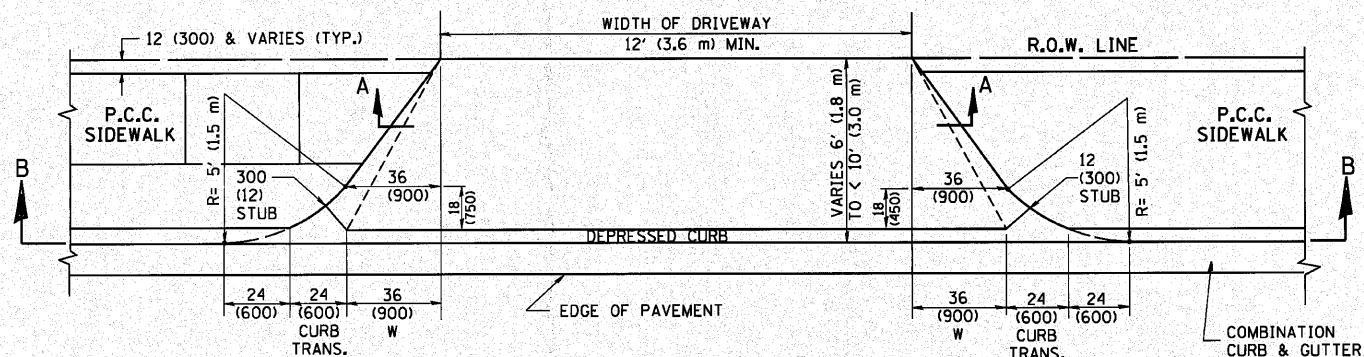
1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

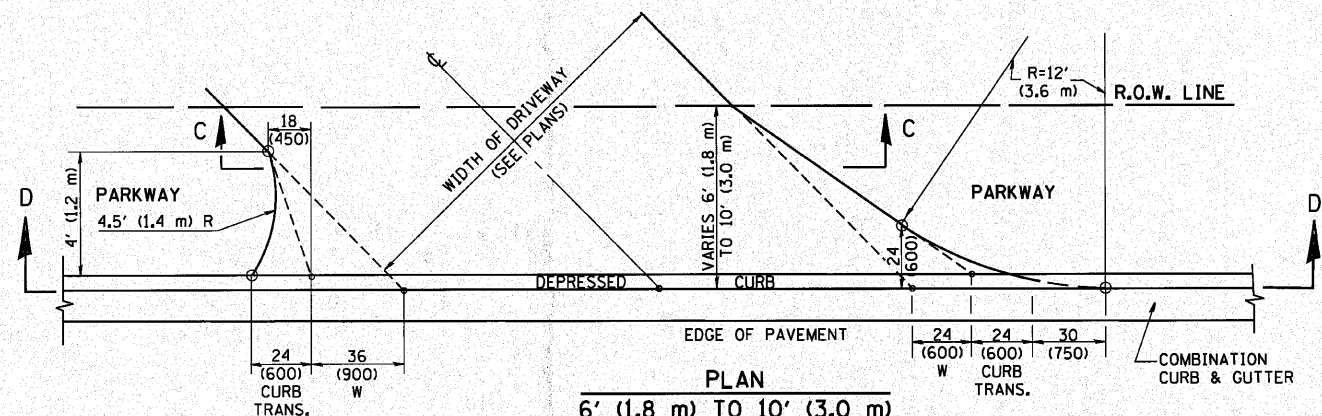
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		DRAWN -	REVISED - P. LOFLUER 04-15-03							345	8WRS-2	KANE	72	51
	PLOT SCALE = 49.9999' / IN.	CHECKED -	REVISED - R. BORO 01-01-07							BD0156-07 (BD-01) CONTRACT NO. 62529				
	PLOT DATE = 6/12/2008	DATE - 11-04-95	REVISED - R. BORO 06-11-08							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



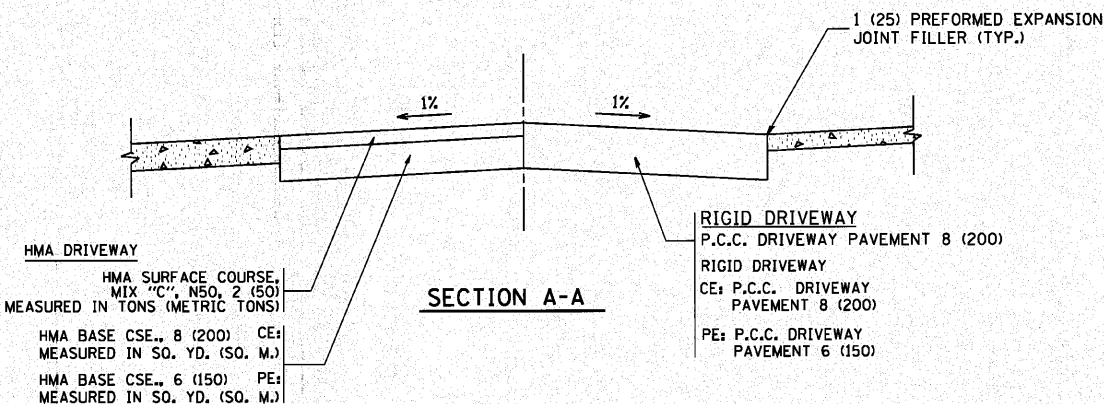
PLAN
10' (3.0 m) TO < 15' (4.5 m)



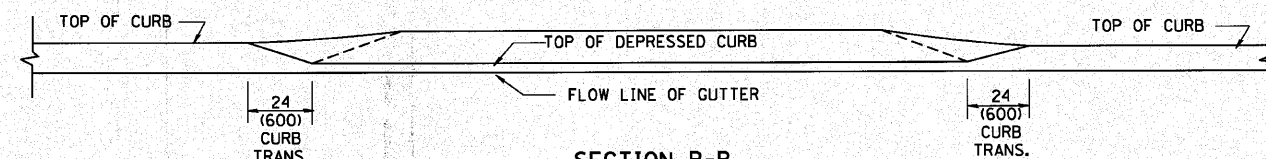
PLAN
6' (1.8 m) TO < 10' (3.0 m)



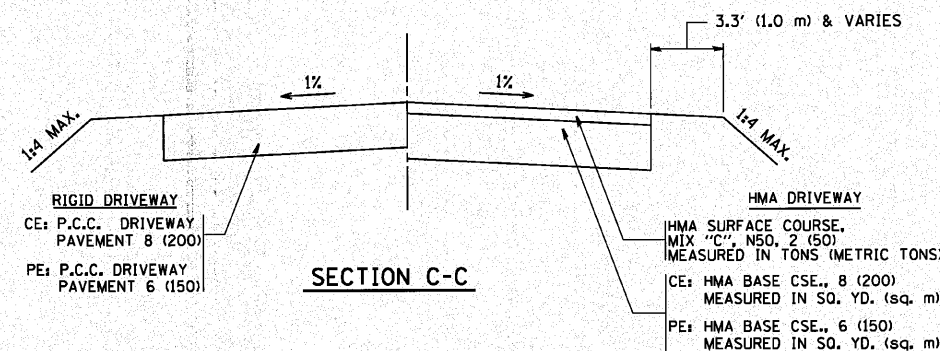
PLAN
6' (1.8 m) TO 10' (3.0 m)



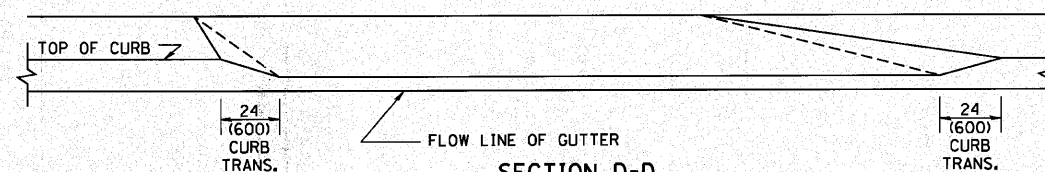
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

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PLOT DATE = 1/4/2008

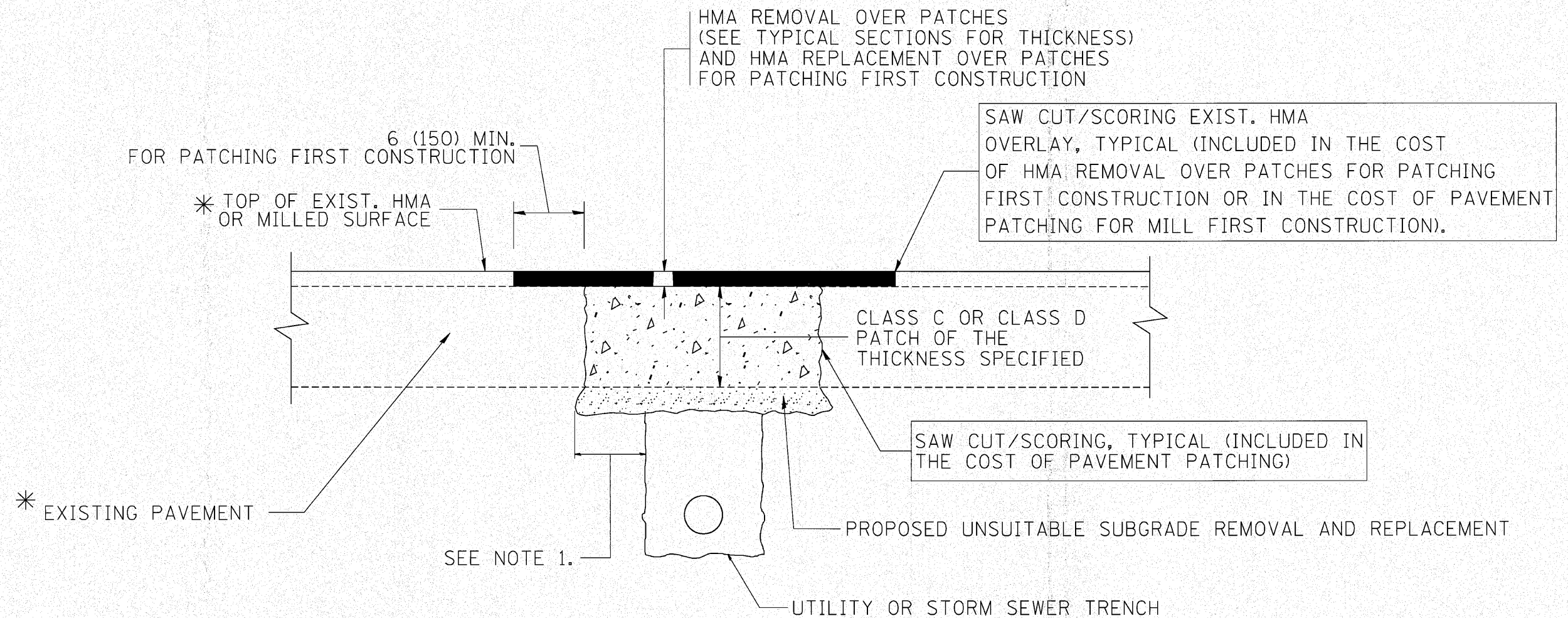
DESIGNED - R. SHAH
DRAWN -
CHECKED -
DATE - 11-06-95

REVISED - T. HOLTZ 04-08-97
REVISED - M. GOMEZ 04-06-01
REVISED - P. LaFLEUR 04-15-03
REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	52
BD400-02 (BD-02)			CONTRACT NO. 62529	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

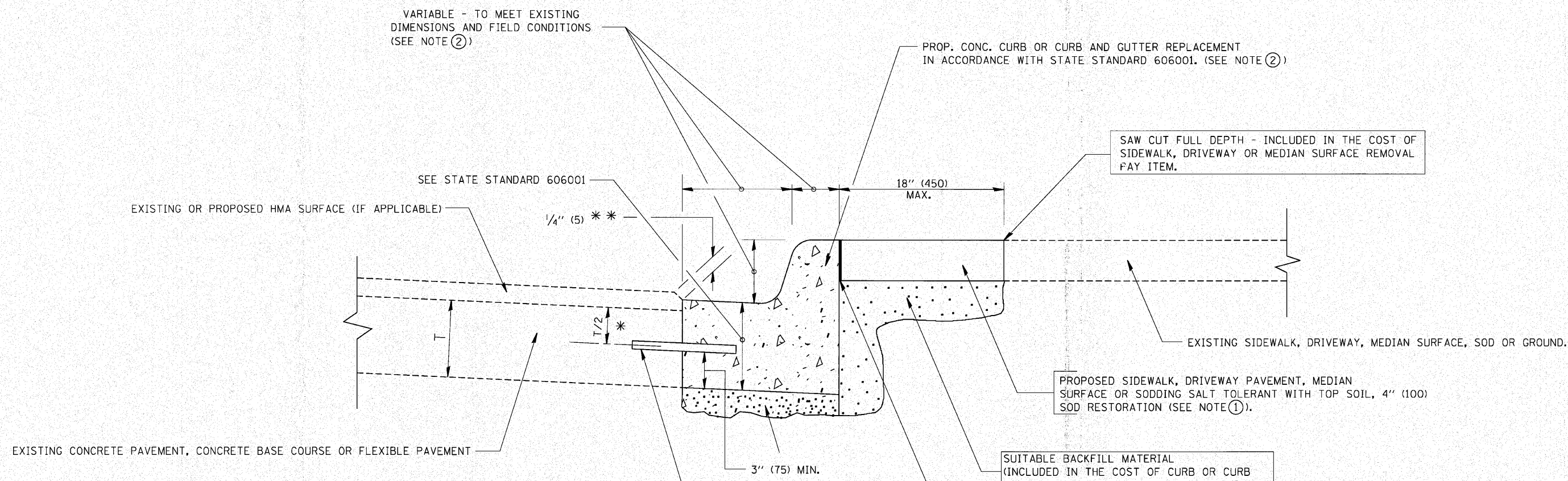
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.P. RTE. 345	SECTION 8WRS-2	COUNTY KANE	TOTAL SHEETS 72	SHEET NO. 53					
		DRAWN -	REVISED - R. BORO 01-01-07												
		CHECKED -	REVISED - R. BORO 09-04-07												
		DATE - 10-25-94	REVISED - K. ENG 10-27-08												
PLOT SCALE = 50.000' / IN.					SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.					
PLOT DATE = 10/27/2008															
						BD400-04 (BD-22)					CONTRACT NO. 62529				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
 - * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

- PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)
- UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.
- REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

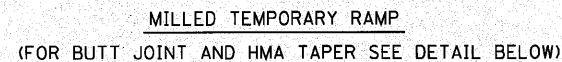
BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

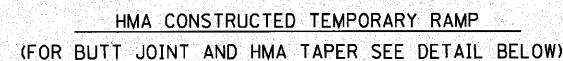
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pawidat\drivakosgn\d0108315\bd24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97				345	8WRS-2	KANE	72
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)				
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09			CONTRACT NO. 62529				
						SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



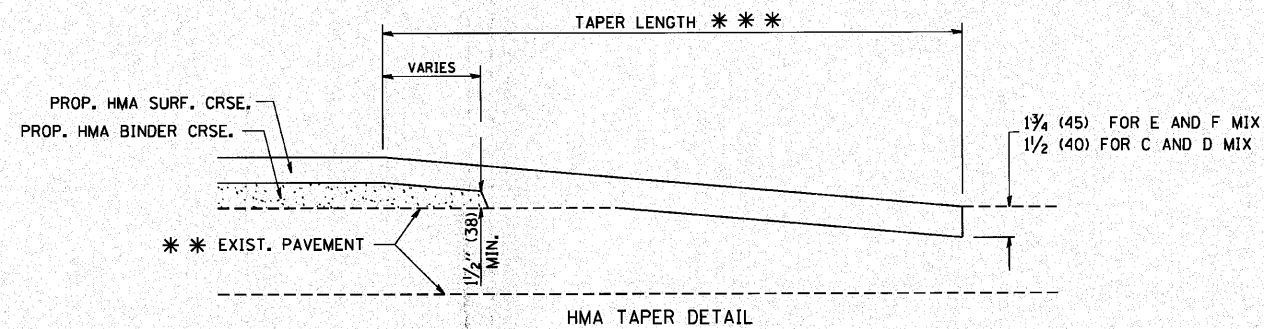
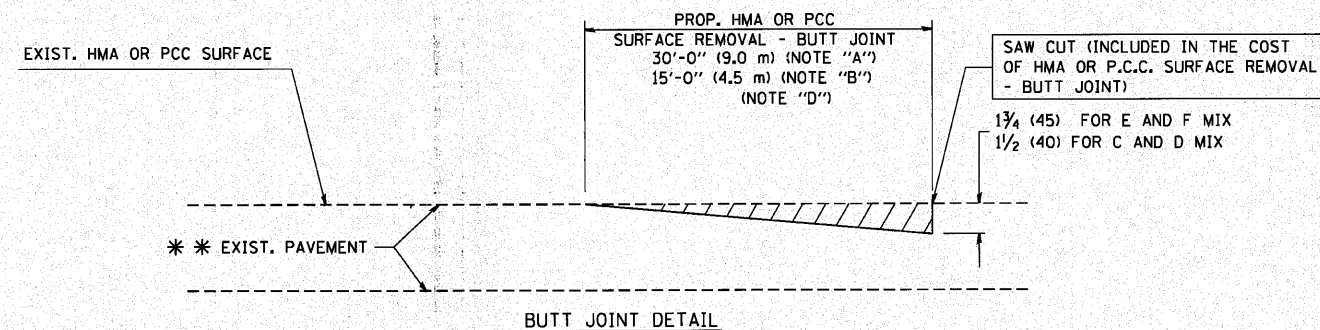
OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

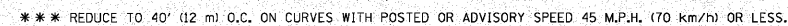
* * * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = gaglianob	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\diststd\22x34\bd32.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		345	8WRS-2	KANE	72	56				
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01			BD400-05 BD32		CONTRACT NO. 62529						
PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



TWO-LANE/TWO-WAY



GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

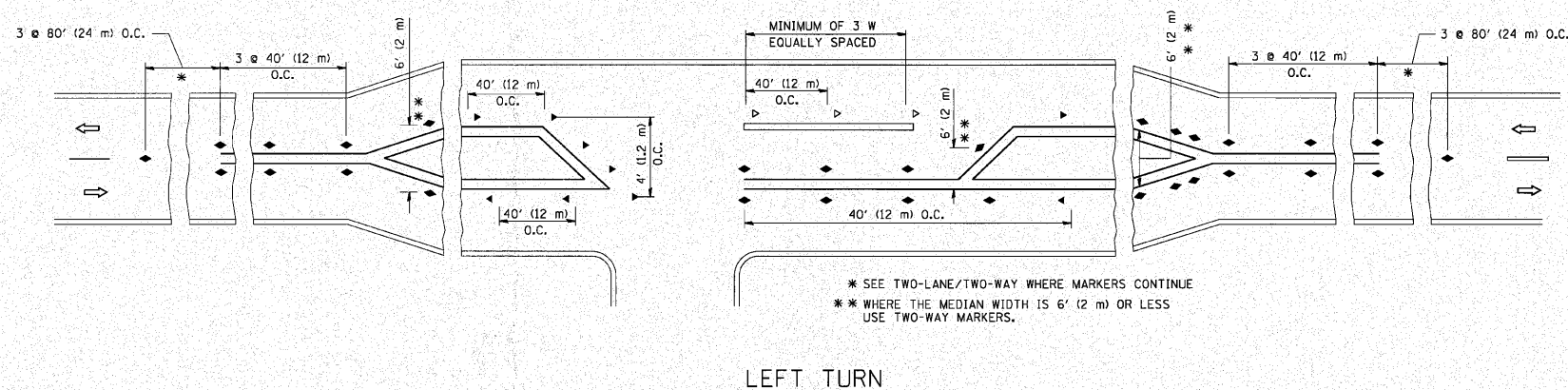
- YELLOW STRIPE
- ══ WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◄ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

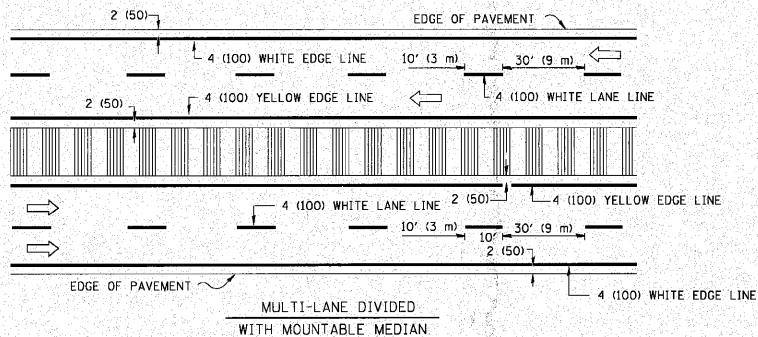
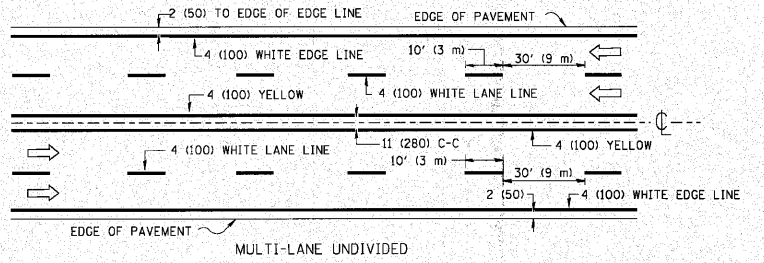
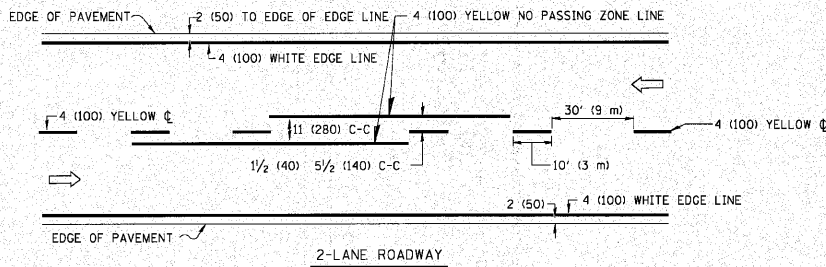
DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



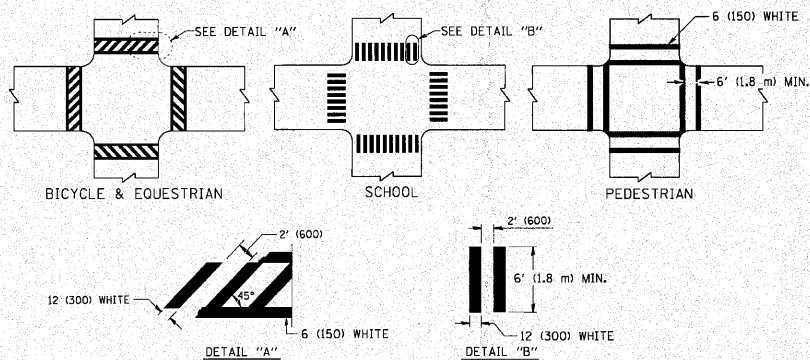
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = d-rivakosgn	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\drive\akosgn\d08315\td	ldgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99		345	8WRS-2	KANE	72	57				
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00			DC-11				CONTRACT NO. 62529				
PLOT DATE = 9/9/2009	DATE -	REVISED - C. JUCIUS 09-09-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT			

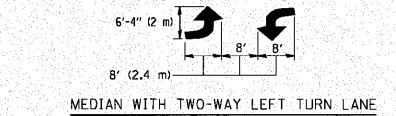
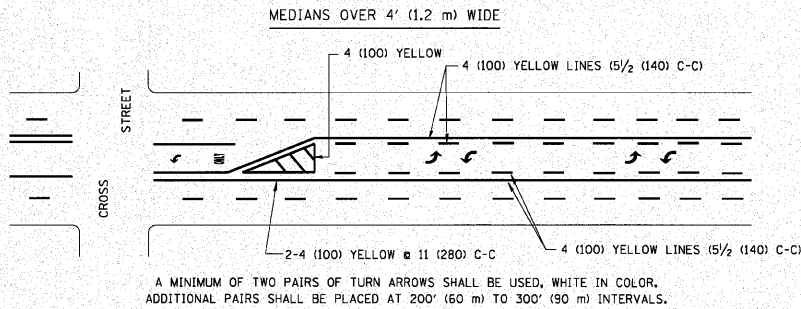
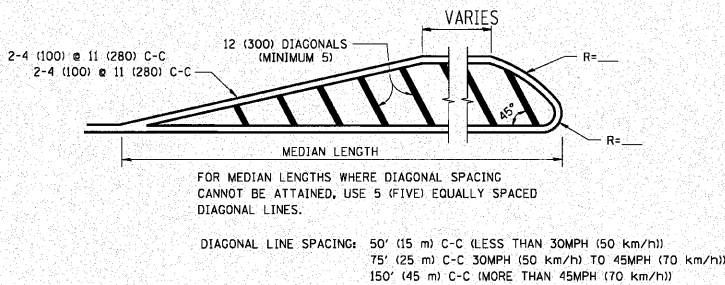
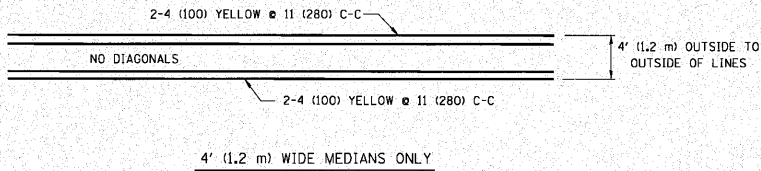


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

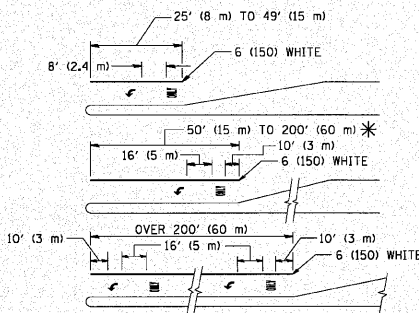
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



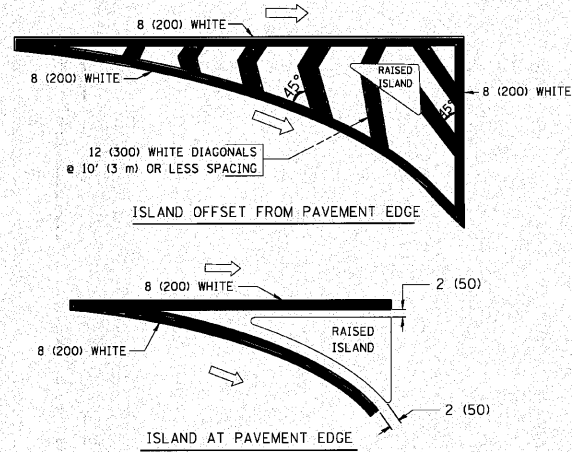
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 8' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

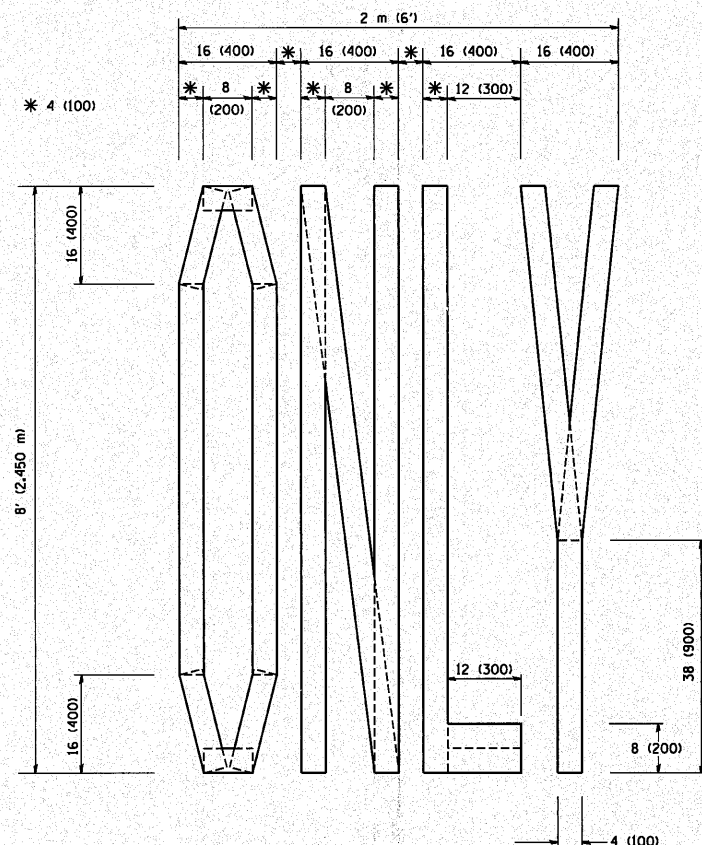
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

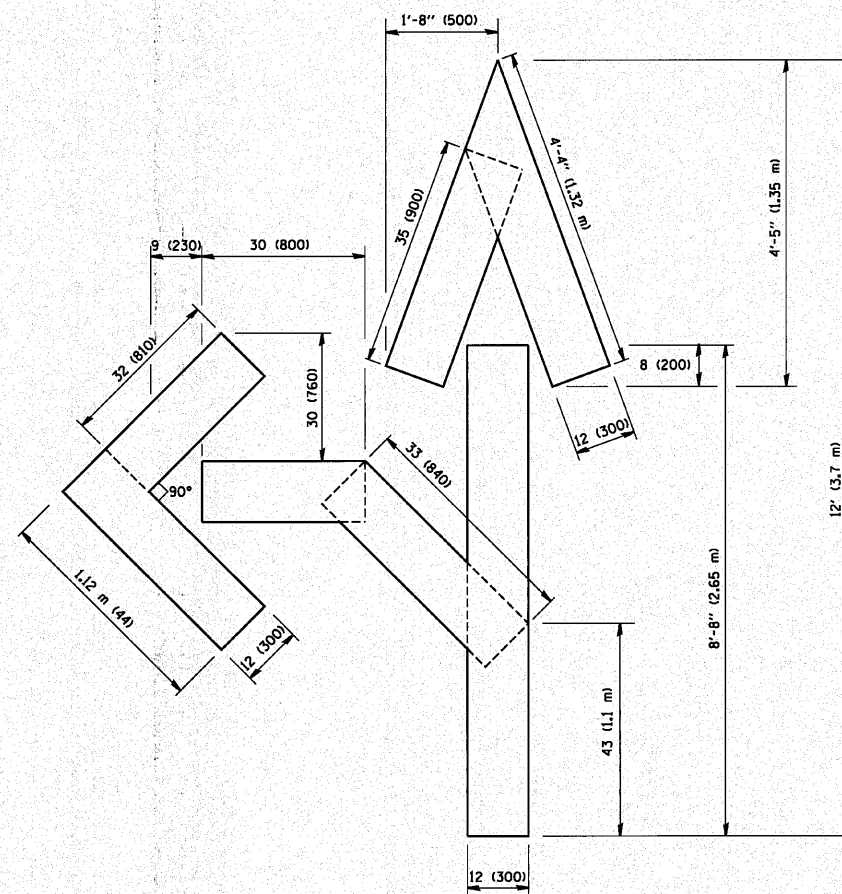
FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
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PLOT SCALE = 50.000' / IN.		CHECKED -	REVISED -
PLOT DATE = 9/9/2009		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

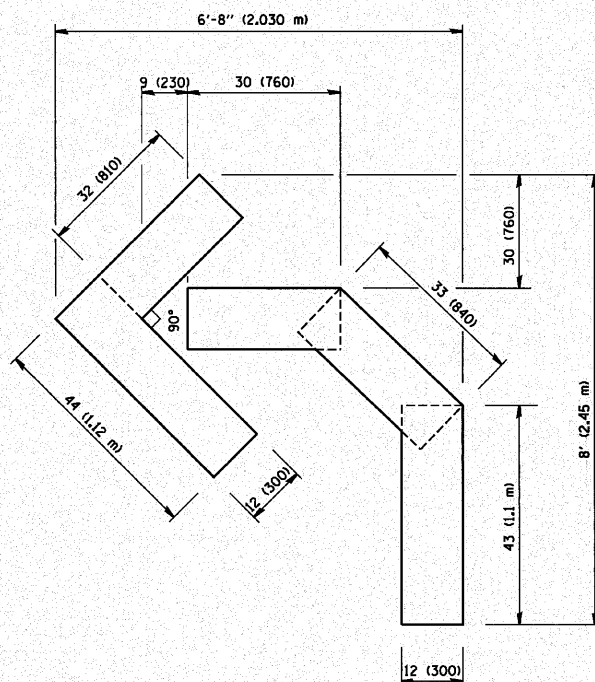
DISTRICT ONE TYPICAL PAVEMENT MARKINGS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				345	8WRS-2	KANE	72	58
				TC-13			CONTRACT NO. 62529	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



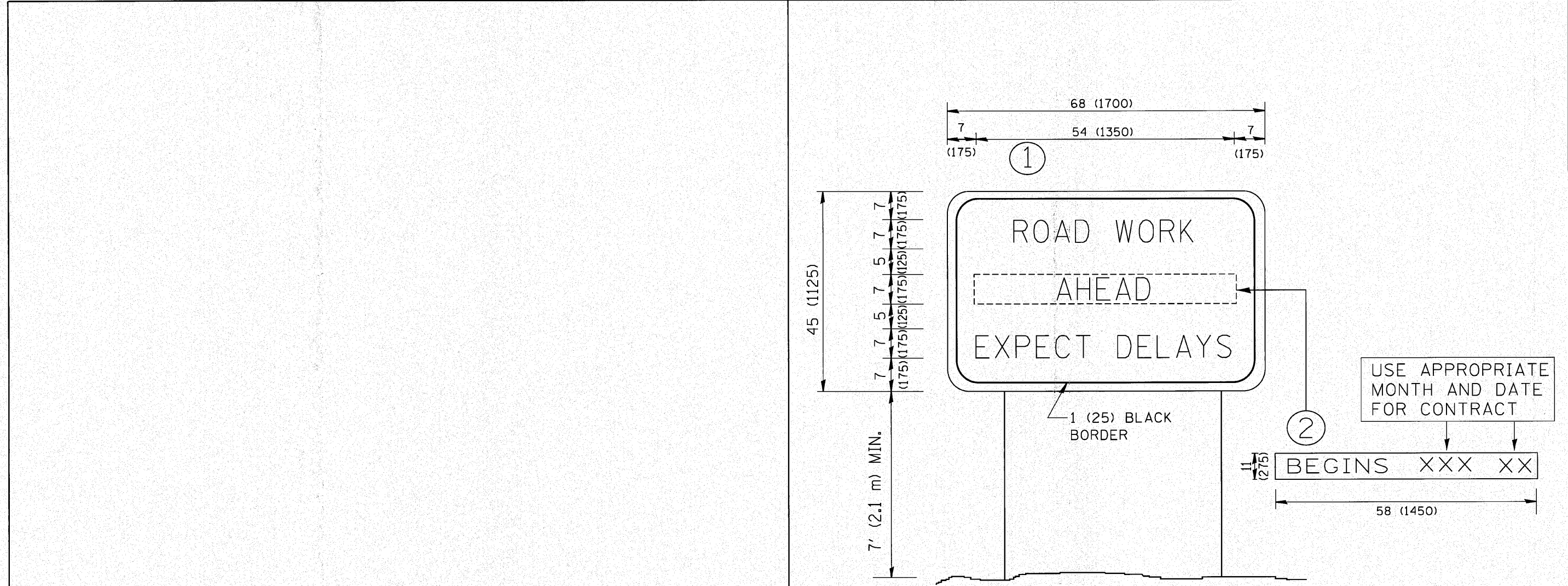
QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

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

FILE NAME = W:\diststd\22x34\tcl6.dgn	USER NAME = geglianobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -T. RAMMACHER 11-04-97					345	8WRS-2	KANE	72	60
		CHECKED -	REVISED -T. RAMMACHER 03-02-98		TC-16			CONTRACT NO. 62529				
		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



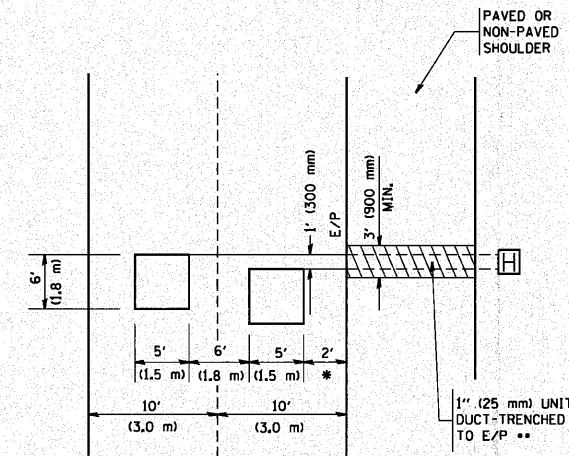
NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\to22.dgn	USER NAME = geglennob	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97							345	8WRS-2	KANE	72	61
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99							TC-22		CONTRACT NO. 62529		
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07							FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

PROVIDE A PAVEMENT REPLACEMENT
NOTE WHICH SHOULD EQUAL
3' (900 mm) X WIDTH OF
PAVED SHOULDER.

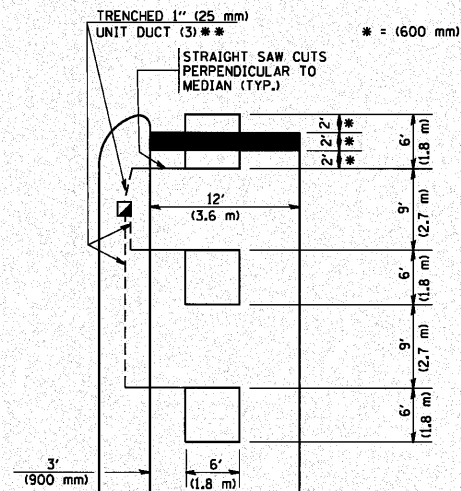


* = (600 mm)

UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

(PROTECTED / PERMITTED LEFT TURN PHASING)

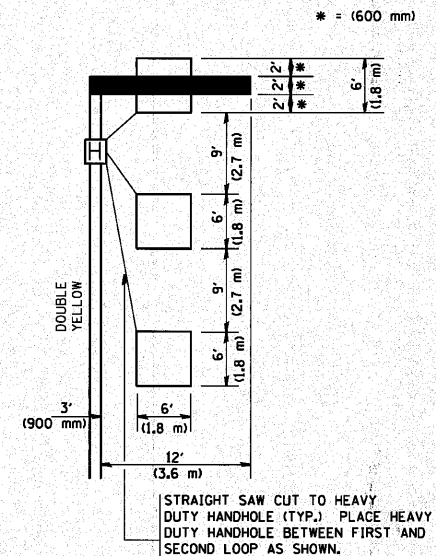
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



**** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.**

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

(PROTECTED / PERMITTED LEFT TURN PHASING)



NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

[illegible]

DETAIL 1
N.T.S.

[illegible]

DETAIL 2
N.T.S.

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED
ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

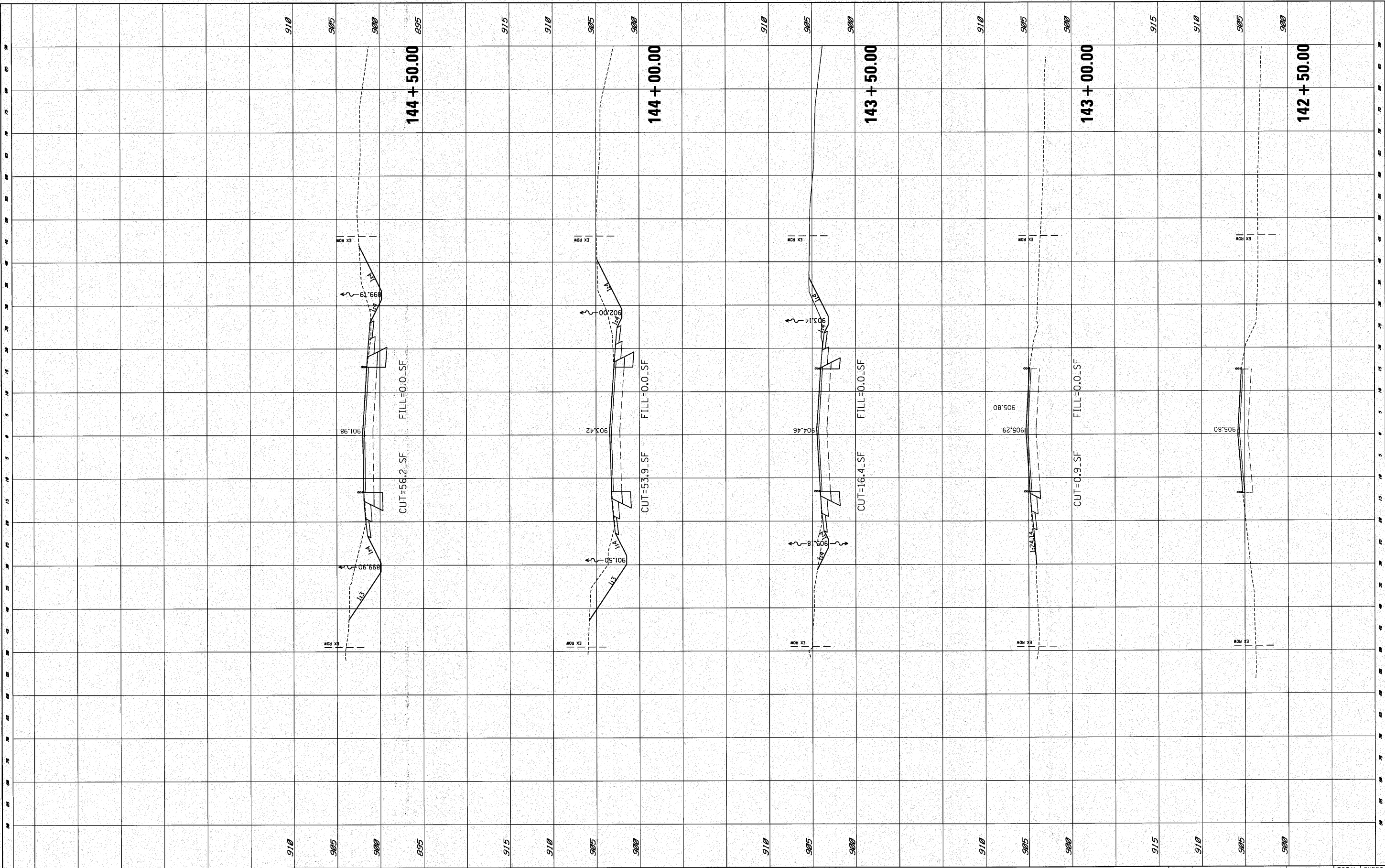
ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1
TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

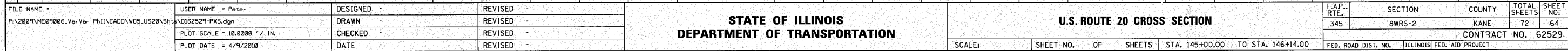
FILE NAME =	USER NAME = gaglianob	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 – DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
W:\diststd\22x34\ts07.dgn		DRAWN -	REVISED -						345	8WSR-2	KANE	72	62
PLOT SCALE = 50.0000' / IN.		CHECKED - R.K.F.	REVISED -		TS-07				CONTRACT NO. 62529				
PLOT DATE = 1/4/2008		DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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



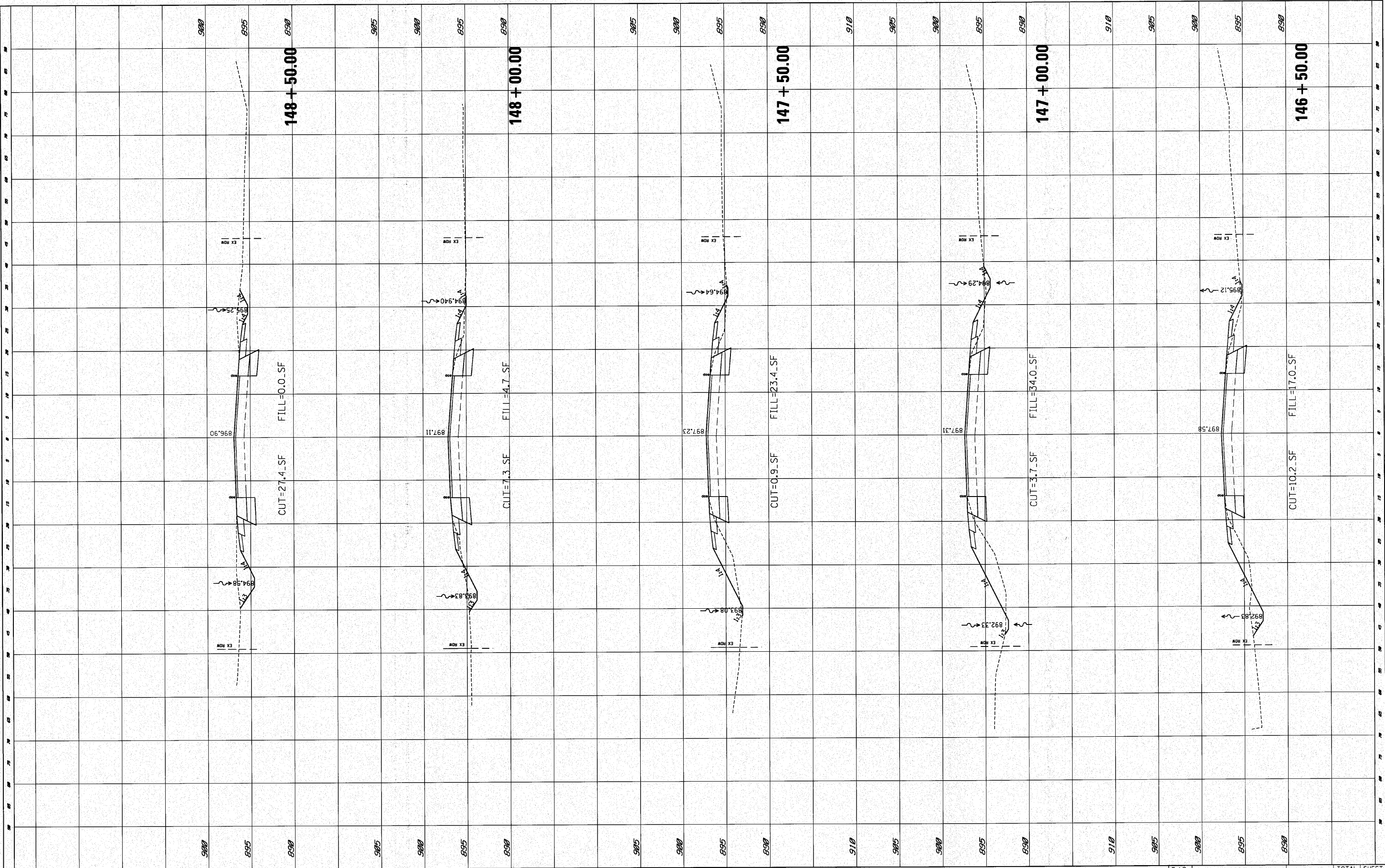
ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



F.A.P.. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	64
		CONTRACT NO. 62529		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

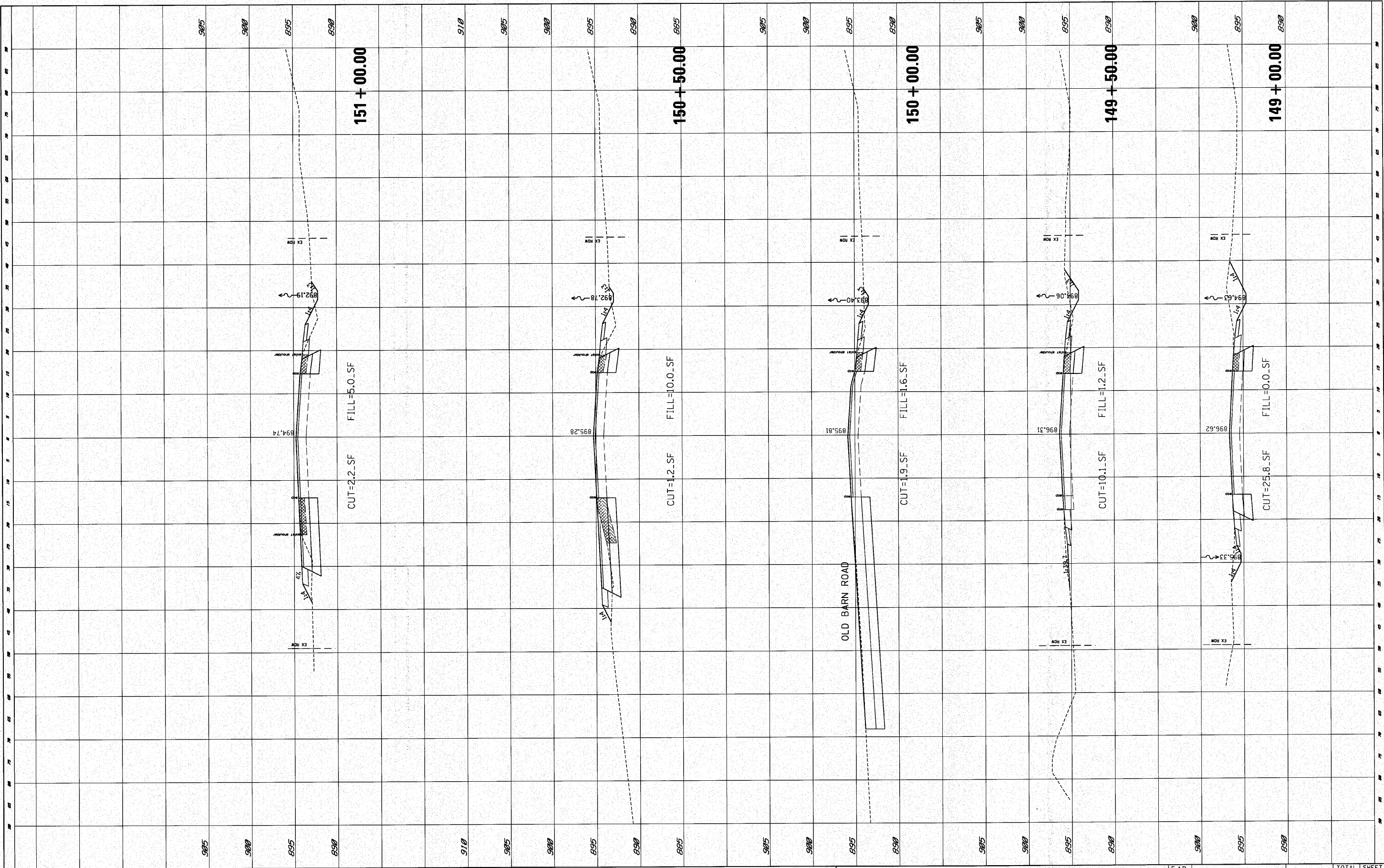
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



FILE NAME =	USER NAME = Peter	DESIGNED -	REVISED -	STATE OF ILLINOIS		U.S. ROUTE 20 CROSS SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
P:\2009\ME09006_Vor\Var PH\VCADD\W05_US20\Shs\ND162529-PXS.dgn		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION				345	8WRS-2	KANE	72	65		
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -					CONTRACT NO. 62529						
PLOT DATE = 4/9/2010		DATE -	REVISED -			SCALE:		SHEET NO. OF SHEETS		STA. 146+50.00 TO STA. 148+50.00			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

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

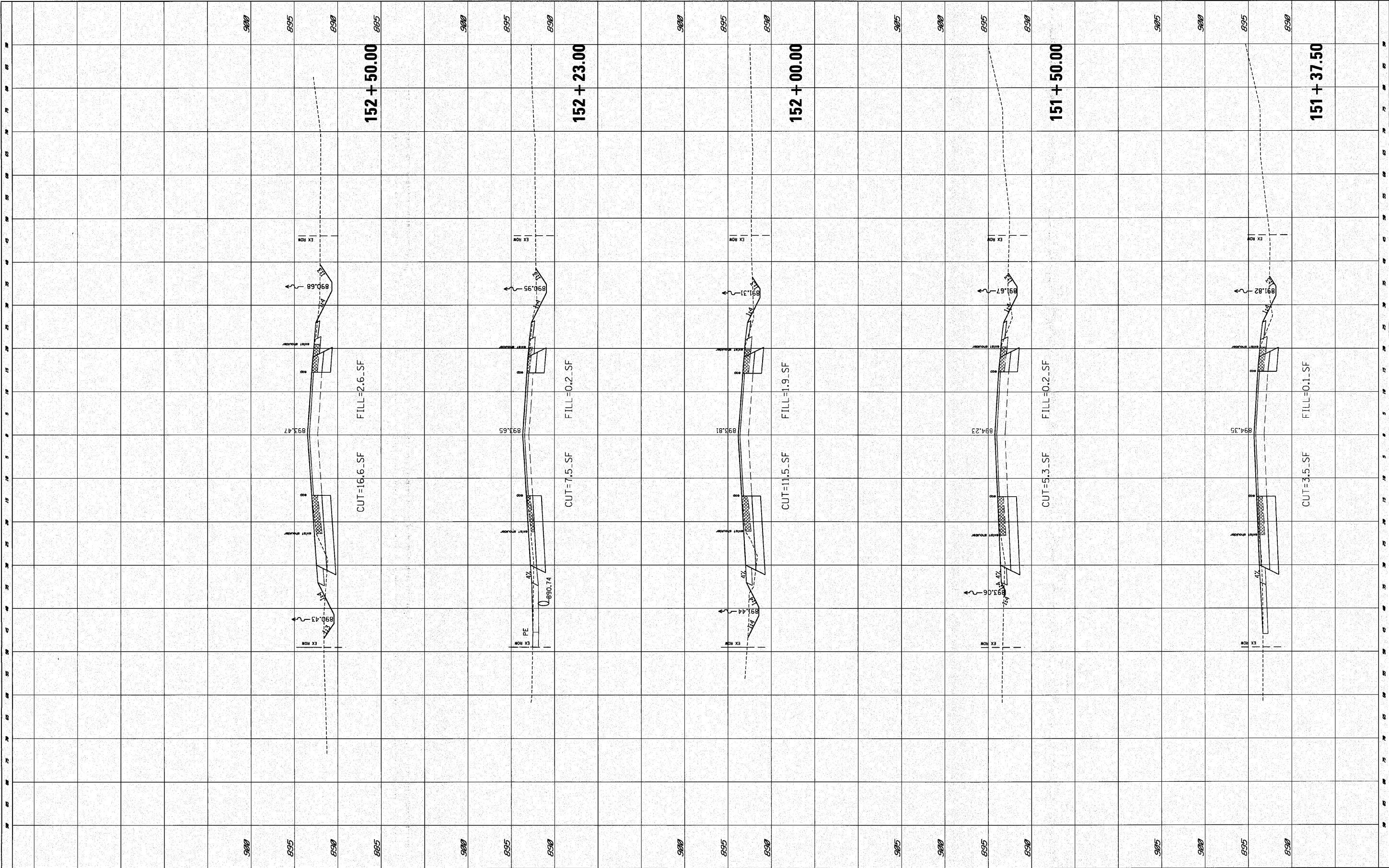
ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



FILE NAME =	USER NAME = Peter	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				U.S. ROUTE 20 CROSS SECTION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\2009\ME09006.VerVer PH\ICADD\W05_US20\ShhND162529-PXS.dgn		DRAWN -	REVISED -									345	8WRS-2	KANE	72	66
PLOT SCALE = 10,000' / IN.		CHECKED -	REVISED -									CONTRACT NO. 62529				
PLOT DATE = 4/9/2010		DATE -	REVISED -									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE:				SHEET NO. OF SHEETS STA. 149+00.00 TO STA. 151+00.00								

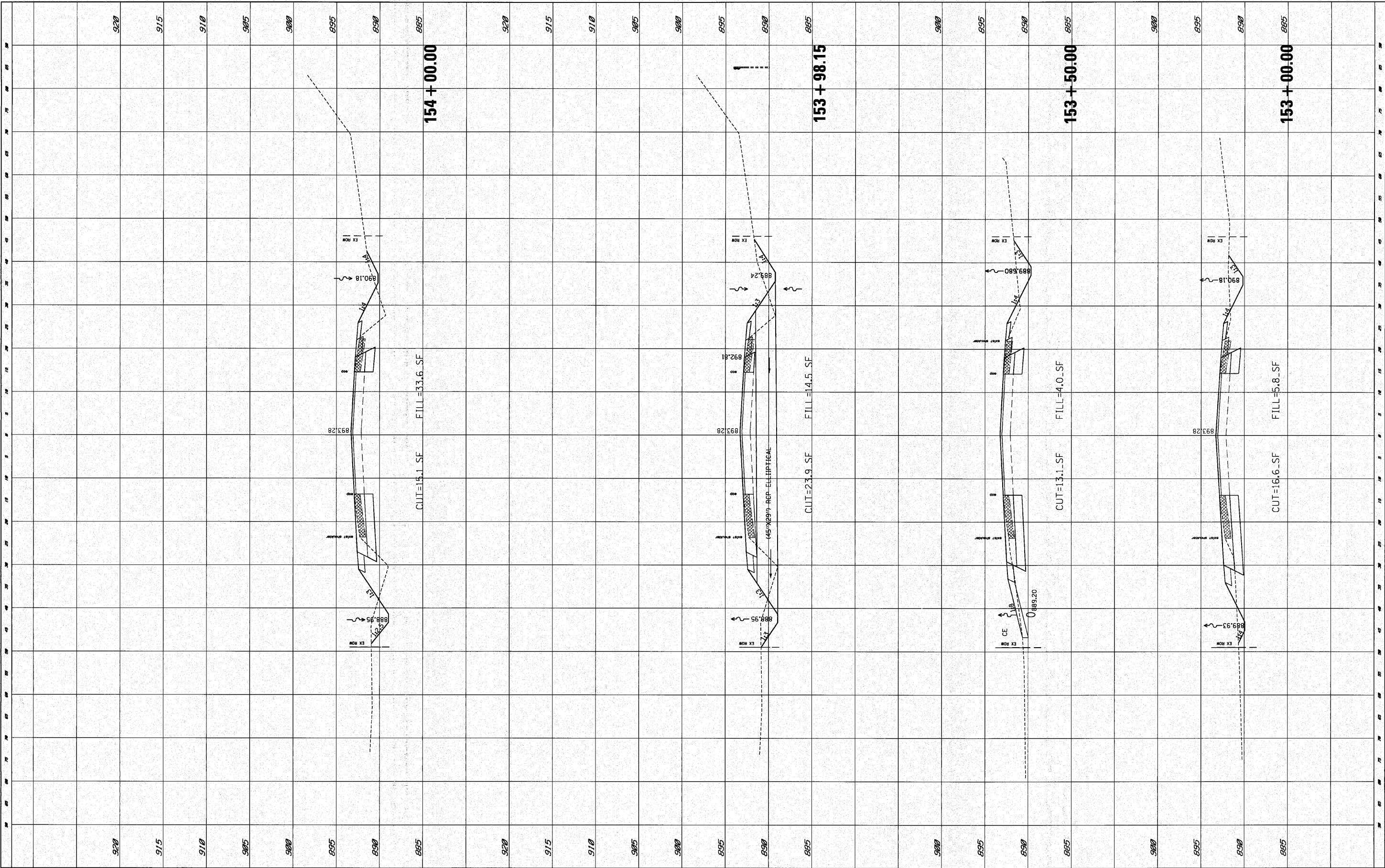
FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE



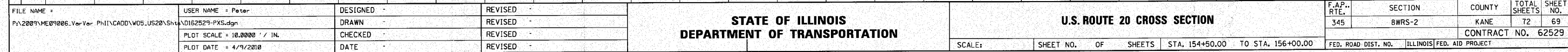
FINAL SURVEY	SURVEYED	BY	DATE
NO.	NO.		
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		

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



FILE NAME :	USER NAME = Peter	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 CROSS SECTION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\2009\ME09006_Ver-Ver-Phi\ICADD\W05_US20\Sh...	ND162829-PX5.dgn	DRAWN -	REVISED -			345	8WRS-2	KANE	72	68	
	PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 62529					
	PLOT DATE = 4/9/2010	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA. 153+00.00	TO

ORIGINAL SURVEY	SURVEYED _____	BY _____	DATE _____
NOTE BOOK	PLOTTED _____		
	TEMPLATE _____		
	AREAS _____		
	AREAS QUANTIFIED _____		

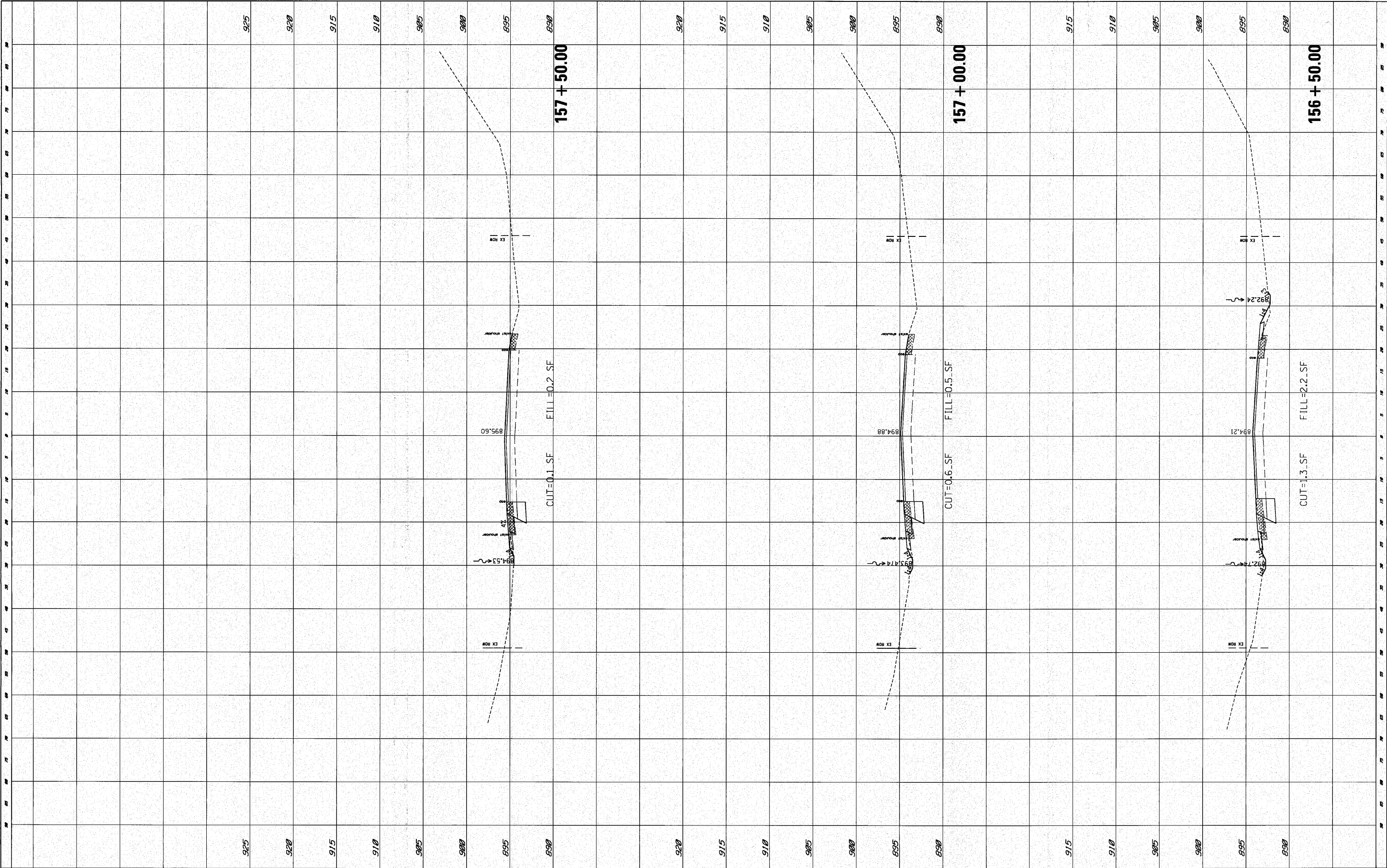


U.S. ROUTE 20 CROSS SECTION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8WRS-2	KANE	72	69
		CONTRACT NO. 62529		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE

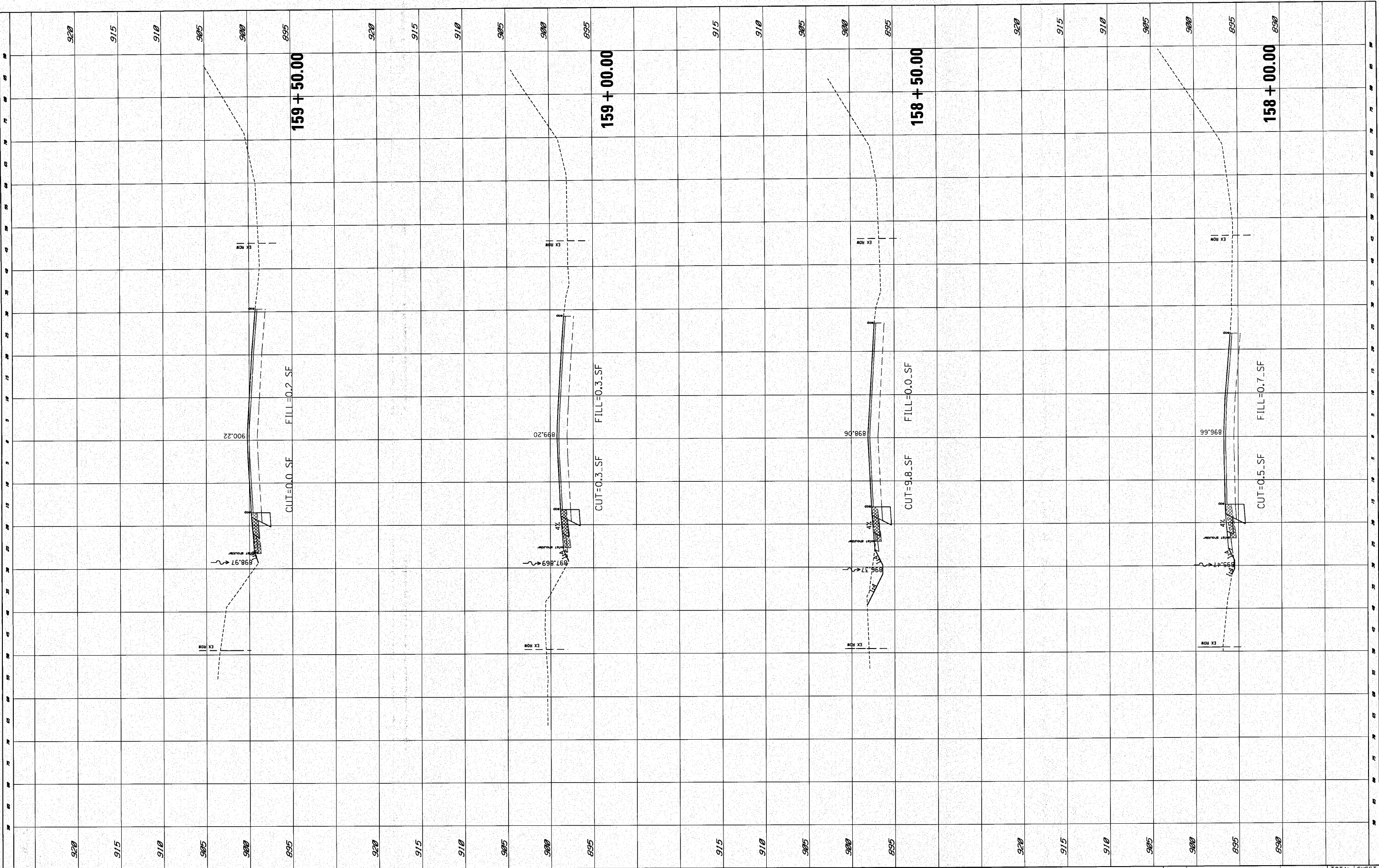
ORIGINAL SURVEY	SURVEYED PLOTTED NOTE BOOK NO.	BY	DATE



FILE NAME =	USER NAME = Peter	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 CROSS SECTION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\2009\ME09006_VerVar_Phil\CADD\W05_US20\Shets\DI62529-PXS.dgn	DRAWN -	REVISED -	345		8WRS-2	KANE	72	70					
PLOT SCALE = 10.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 62529										
PLOT DATE = 4/9/2010	DATE -	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA. 156+50.00 TO STA. 157+50.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

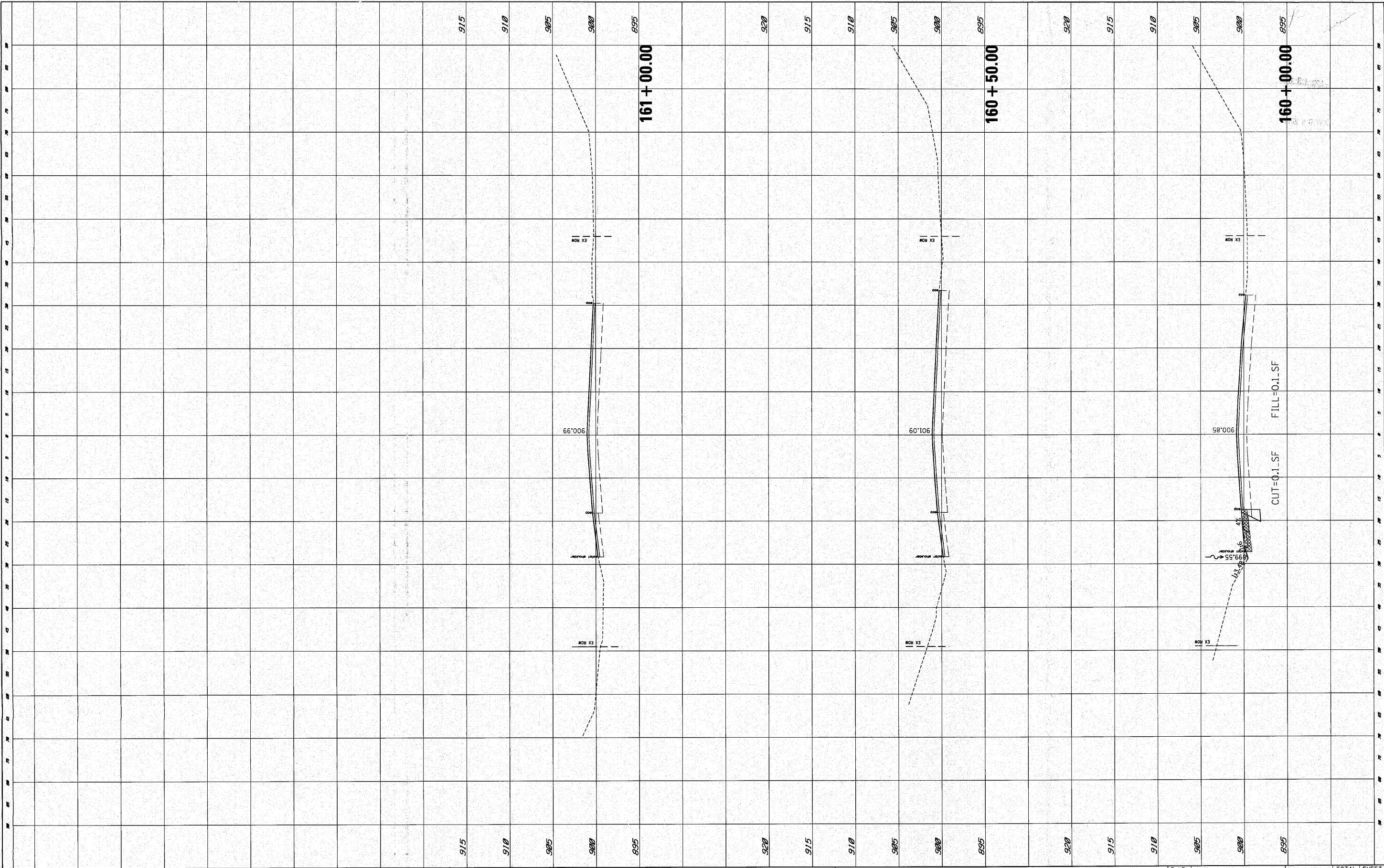
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



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PLOT DATE = 4/9/2010	DATE -	REVISED -	REVISED -								

FINAL SURVEY	NO.	DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED

ORIGINAL SURVEY	NO.	DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



FILE NAME =	USER NAME = Peter	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 20 CROSS SECTION			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\2009\ME09006_Ver-Ver-Phi\CA00\W05_US20\Sh162529-PX5.dgn		DRAWN -	REVISED -		345	8WRS-2	KANE	72	72			
		CHECKED -	REVISED -		CONTRACT NO. 62529							
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
PLOT SCALE = 10.0000' / IN.		PLOT DATE = 4/9/2010		SCALE:		SHEET NO.	OF	SHEETS	STA. 160+00.00	TO STA. 161+00.00		