

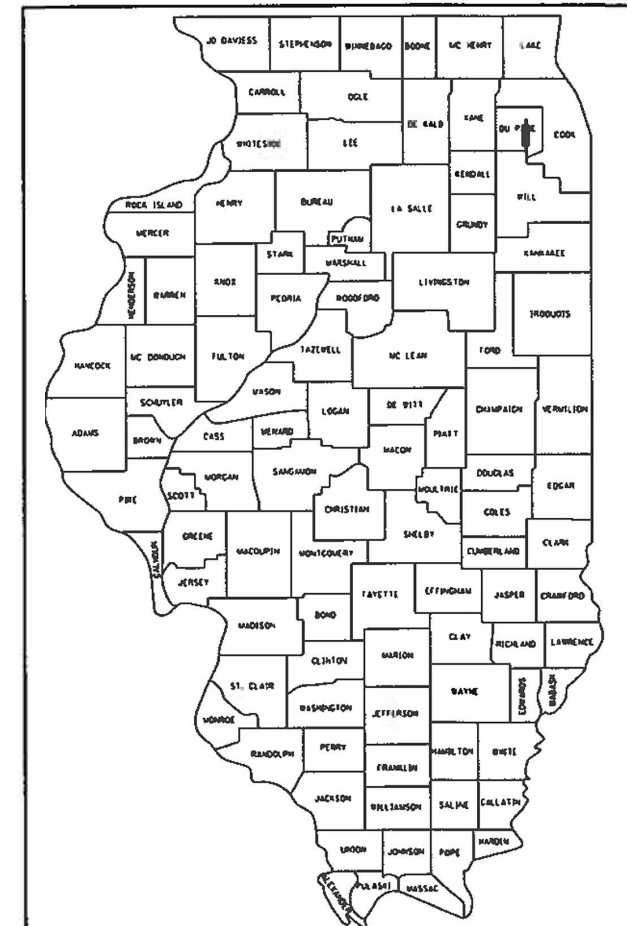
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	1
		ILLINOIS	CONTRACT NO. 61G26	

01-15-2021 LETTING ITEM 157

FOR INDEX OF SHEETS,
SEE SHEET NO. 2

FOR HIGHWAY STANDARDS,
SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAU ROUTE 2536 (PRINCE CROSSING ROAD)
GENEVA ROAD TO IL ROUTE 64 (NORTH AVENUE)
RESURFACING, CURB, AND SIDEWALK
SECTION NO.: 19-00083-00-RS
PROJECT NO.: DA1Q(824)
CITY OF WEST CHICAGO
DUPAGE COUNTY
JOB NO.: C-91-354-19



LOCATION OF SECTION INDICATED THUS: - ■ -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 9-30-20
CITY OF WEST CHICAGO, DIRECTOR OF PUBLIC WORKS

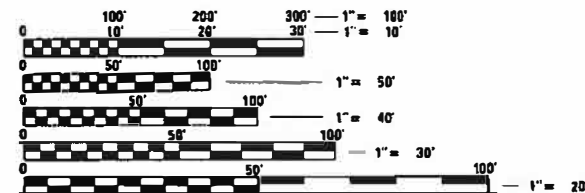
PASSED Nov 10 2020
C.A. Roach
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW November 10, 2020
Kevin C. Vandewoestyne
REGIONAL ENGINEER

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

PROGRAM AND OFFICE ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

PRINCE CROSSING ROAD
DESIGN DESIGNATION:
SPEED LIMIT = 40 MPH
TRAFFIC ADT = 8,150 (2015)/10,450 (2040)



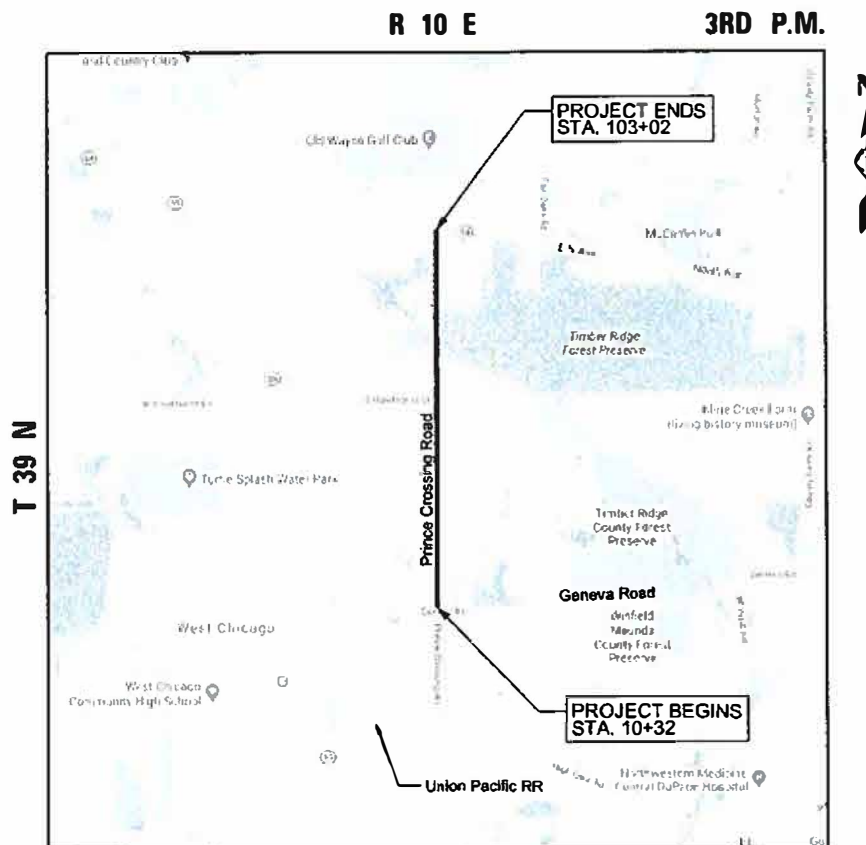
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



PROJECT MANAGER: KEVIN VANDEWOESTYNE

CONTRACT NO. 61G26



MILTON TOWNSHIP
LOCATION MAP
N.T.S.

PRINCE CROSSING ROAD GROSS AND NET LENGTH = 9,270 FT. (1.76 MILES)



Kevin C. Vandewoestyne
KEVIN C. VANDEWOESTYNE, P.E.
NO. 062-060058
EXP. DATE 11-30-2021



INDEX OF DRAWINGS

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- 18-25 ROADWAY PLANS
- 26-33 PAVEMENT MARKINGS AND LANDSCAPING PLANS
- 34-37 SIDEWALK PLANS
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- 40 CONSTRUCTION DETAILS
- 41-51 IDOT DISTRICT ONE DETAILS

IDOT DISTRICT ONE DETAILS:

- BD-08 DETAILS FOR FRAME AND LIDS ADJUSTMENTS WITH MILLING
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- TC-16 SHORT TERM PAVEMENT MARKINGS- LETTERS AND SYMBOLS
- TC-22 ARTERIAL ROAD INFORMATION SIGN
- TC-26 DRIVEWAY ENTRANCE SIGNING
- TS-07 DISTRICT 1- DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

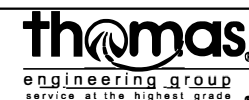
LIST OF STATE STANDARDS:

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 604091-04 FRAME AND GRATES TYPE 24
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS- DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2020; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS, THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
2. 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)
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
4. THE CONTRACTOR SHALL COOPERATE WITH THE CITY OF WEST CHICAGO IF ANY MUNICIPAL, UTILITY IMPROVEMENTS ARE REQUIRED WITHIN THE DURATION OF THE CONTRACT.
5. QUANTITIES FOR MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS HAVE BEEN PROVIDED. AFTER THE HMA SURFACE REMOVAL OPERATIONS ARE COMPLETE ALL OPEN CRACKS AND OPEN EXPANSION JOINTS HAVING A WIDTH OF 1/2 IN. OR MORE SHALL BE CLEANED AND FILLED ACCORDING TO ARTICLE 406. THE ACTUAL NEED FOR THESE ITEMS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. IF CRACK FILLING IS NOT REQUIRED THE QUANTITIES WILL BE DEDUCTED PER THE TERMS OF ARTICLE 104.02.
6. QUANTITIES FOR CLASS D PATCHES HAVE BEEN PROVIDED IN THE CONTRACT BASED ON FIELD OBSERVATION OF EXISTING OBSERVATIONS OF EXISTING CONDITIONS. LOCATIONS SHOWN IN THE PLANS MAY DIFFER AND WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER. IF PAVEMENT PATCHING IS NOT REQUIRED THE QUANTITY WILL BE DEDUCTED PER THE TERMS OF ARTICLE 104.02.
7. THE CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND SHALL PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
8. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE BUTT JOINT AND BITUMINOUS TAPER DETAILS SHEET INCLUDED IN THE PLANS (BD-32).
9. ALL PAVEMENTS, CURB AND GUTTER, SIDEWALKS, DRIVEWAYS TO BE REMOVED SHALL BE SAWCUT PRIOR TO REMOVAL TO PREVENT DAMAGE TO ITEMS TO REMAIN.
10. THE CONTRACTOR SHALL SET AND CHECK ALL CURB FORMS AND STRING LINES PRIOR TO PLACING CONCRETE TO ENSURE POSITIVE DRAINAGE ALONG THE ROADWAY. IMPROPERLY DRAINING CURB SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR.
11. ALL STREETS AND COMMERCIAL AND PARKING LOT ENTRANCES SHALL REMAIN OPEN DURING CONSTRUCTION.
12. PAVEMENT PATCHING SHALL BE SCHEDULED IMMEDIATELY FOLLOWING PAVEMENT REMOVAL TO REDUCE DEGRADATION OF THE EXISTING BASE.
13. THE MAXIMUM ALLOWABLE LANE DROP DIFFERENTIAL WILL BE 1-1/2"
14. THE CONTRACTOR SHALL PLACE FINAL THERMOPLASTIC PAVEMENT MARKINGS A MAXIMUM OF THREE (3) DAYS AFTER PLACEMENT OF THE FINAL HMA SURFACE COURSE.
15. PRIOR TO HMA RESURFACE REMOVAL, ALL OPEN DRAINAGE UTILITY STRUCTURES SHALL BE PROTECTED WITH FILTER FABRIC TO PREVENT ROADWAY DEBRIS FROM ENTERING UNDERGROUND UTILITIES. IF THE ENGINEER FINDS EVIDENCE OF CONSTRUCTION DEBRIS IN THE UTILITY STRUCTURES AFTER THE HMA SURFACE REMOVAL AND / OR AFTER THE BINDER COURSE AND SURFACE COURSE ARE COMPLETED, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMOVING DEBRIS.
16. WORK SHALL BE CAREFULLY PLANNED BY THE CONTRACTOR TO REDUCE DISRUPTION TO RESIDENTS, THE BUSINESSES AND THE PUBLIC SEEKING TO ACCESS THE BUSINESSES. AT LEAST ONE LANE OF TRAFFIC MUST REMAIN OPEN AT ALL TIMES.
17. DURING AND AFTER CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL ON CITY ROADWAYS AS A RESULT OF CONTRACTOR OPERATIONS, INCLUDING BUT NOT LIMITED TO HMA SURFACE REMOVAL, BINDER COURSE AND SURFACE COURSE INSTALLATION, SHALL BE REMOVED AND DEPOSITED OFF SITE BY THE CLOSE OF EACH BUSINESS DAY. THIS APPLIES TO EXCESSIVE TACK COAT LEFT ON CITY ROADWAYS.
18. THE THICKNESS OF HMA MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESSES PERMITTED.
19. THE CONTRACTOR SHALL FURNISH, WHITE, PINK, OR PURPLE MARKING PAINT IN AEROSOL CANS, FOR USE BY THE ENGINEER. THE CONTRACTOR AND SUBCONTRACTORS SHALL ONLY USE THESE SAME COLORS FOR THEIR OWN MARKINGS, THEREFORE, NOT USING J.U.L.I.E. UTILITY COLORS.
20. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS, AT LEAST 24 HOURS IN ADVANCE IF ANY RESIDENTS OR BUSINESSES WILL HAVE NO OR LIMITED DRIVEWAY ACCESS DUE TO WORK PERFORMED BY THE CONTRACTOR.
21. CONTRACTOR IS TO PLAN HIS WORK SO THAT AT THE END OF EACH WORK DAY, THERE WILL BE NO OPEN HOLES IN THE PAVEMENT OR SIDEWALK AND THAT ALL BARRICADES WILL BE REMOVED FROM THE ROADWAY DURING NONWORKING HOURS, EXCEPT WHERE REQUIRED FOR PUBLIC SAFETY OR CURING OF CONCRETE.
22. ALL PROPOSED CONCRETE CURB AND GUTTER TYPES SHALL BE CONTINUOUSLY REINFORCED WITH TWO (2) NO. 4 REINFORCEMENT BARS.
23. AFTER SIDEWALK AND CURB AND GUTTER REPLACEMENT AND RESTORATION ACTIVITIES HAVE BEEN COMPLETED, THE CONTRACTOR SHALL REMOVE ALL LOOSE AND DEFECTIVE MATERIAL FROM THE SIDEWALK PAVEMENT, CURB AND GUTTER, AND PUBLIC RIGHT-OF-WAY TO THE SATISFACTION OF THE ENGINEER. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, BARRICADES, FORMS, GRAVEL, EXCESS TOP SOIL, AND EXCESS CONCRETE. AUXILIARY EQUIPMENT, SUCH AS BROOMS, SWEEPERS, AND SCRAPERS SHALL BE PROVIDED AS NECESSARY TO PERFORM WORK.
24. CONTRACTOR SHALL SCHEDULE A WALK-THROUGH WITH THE CITY OF WEST CHICAGO PUBLIC WORKS FOR TREE ROOT PRUNING BEFORE CONSTRUCTION COMMENCEMENT. PLEASE PROVIDE AT LEAST 72-HOUR NOTICE TO CITY PRIOR TO THE DESIRABLE WALK-THROUGH APPOINTMENT SESSION ON SITE.

FILE NAME = 02 Prince Crossing-General_Notes.dgn



USER NAME = DonN	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2.0000' / 1in.	CHECKED -	REVISED -
PLOT DATE = 11/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	2
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES						
NOM.	SP. PROV.	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PRINCE CROSSING RD. CONSTR CODE 00005 STU 70/30
*		20101200	TREE ROOT PRUNING	EACH	10	10
*		25200200	SUPPLEMENTAL WATERING	UNIT	20	20
*		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	25	25
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	400	400
	CS	25200110	SODDING, SALT TOLERANT	SQ YD	400	400
		28000510	INLET FILTERS	EACH	78	78
*		30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	50	50
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	22,224	22224
*		40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	16	16
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	178	178
		40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	4,149	4149
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	2,766	2766
		44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"	SQ YD	32,925	32925
	CS	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	600	600
*		44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	165	165
*		44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	165	165

SUMMARY OF QUANTITIES						
NOM.	SP. PROV.	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PRINCE CROSSING RD. CONSTR CODE 00005 STU 70/30
*		44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	165	165
*		44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	329	329
		60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	5	5
		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5	5
		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	10	10
	CS	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	600	600
		67100100	MOBILIZATION	L SUM	1	1
		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
		70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
		70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	60	60
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,828	7828
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	863	863
*		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	364	364
*		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24,744	24744

* SPECIALTY ITEM

FILE NAME = 03 Prince Crossing_S00 01.dgn



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PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	3
				CONTRACT NO. 61G26
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

NOM.	SP. PROV.	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PRINCE CROSSING RD. CONSTR CODE 00005 STU 70/30	PRINCE CROSSING RD. CONSTR CODE 00021 STU 70/30
*		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,158		2158
*		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	604		604
*		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	150		150
		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	560		560
*		88600600	DETECTOR LOOP REPLACEMENT	FOOT	513		513
	CS	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1		1
	CS	X0326144	TACTILE/DETECTABLE WARNING SURFACE	SQ FT	435		435
	CS	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	4,100		4100
	CS	X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	4,000		4000
	CS	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	5	5	
		X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	11	11	
*	CS	X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	65		65
	CS	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	560		560
		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51	51	
		Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	9,270	9270	
*	CS	Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	50	50	

SUMMARY OF QUANTITIES

NOM.	SP. PROV.	CODE NUMBER	ITEM	UNIT	TOTAL QUANTITY	PRINCE CROSSING RD. CONSTR CODE 00005 STU 70/30	PRINCE CROSSING RD. CONSTR CODE 00021 STU 70/30
*	CS	Z0004544	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SQ YD	50	50	
CS = CONTRACT SPECIAL PROVISION (SEE SECTION III) * = NOMINAL QUANTITY PROVIDED.							

* SPECIALTY ITEM

FILE NAME = 04 Prince Crossing_500 02.dgn



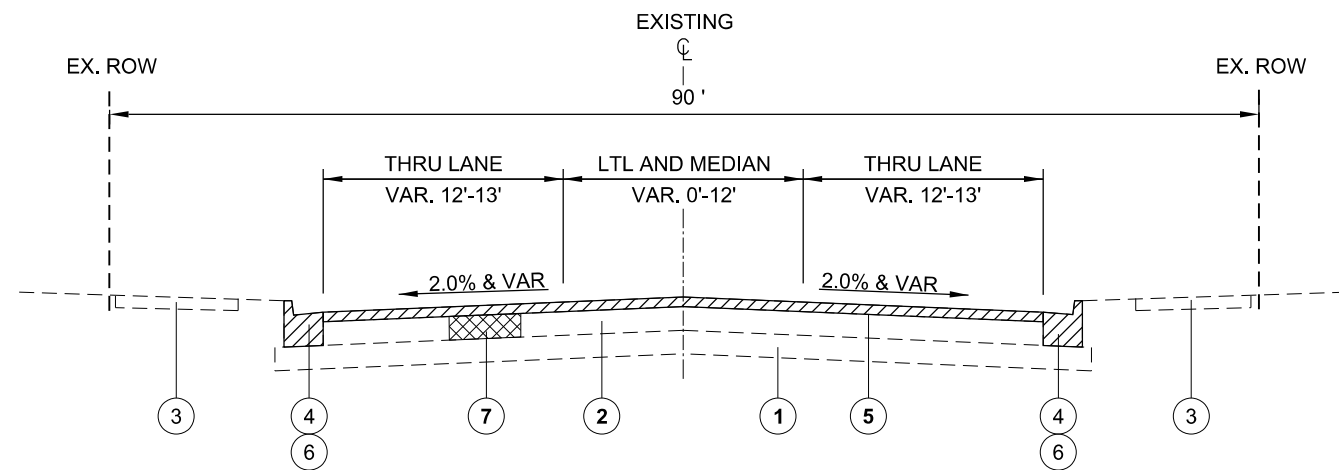
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PLOT DATE = 11/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

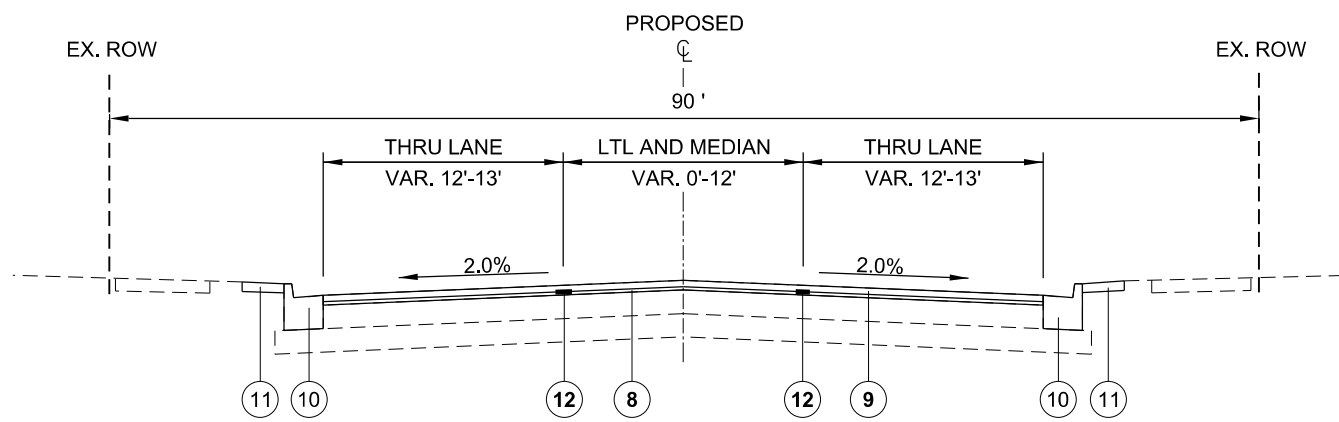
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2536	19-00083-00-RS	DUPAGE	51	4
CONTRACT NO. 61G26			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

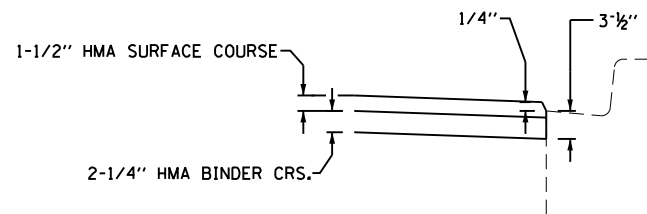
PRINCE CROSSING STREET
STA. 10+32 TO STA. 103+02

REMOVAL ITEMS



PROPOSED TYPICAL SECTION

PRINCE CROSSING STREET
STA. 10+32 TO STA. 103+02



RESURFACING DETAIL

LEGEND

- ① EX SUB-BASE GRAN MATL, THICKNESS VARIES
- ② EX HMA PAVEMENT, 11"
- ③ EX HMA BIKE PATH
- ④ EX COMB. CONC. CURB AND GUTTER, TY B-6.24
- ⑤ HMA SURFACE REMOVAL, 3-1/2"
- ⑥ COMB. CURB AND GUTTER REMOVAL (SEE NOTE 1)
- ⑦ PR CLASS D PATCHES, 8" (SEE NOTE 1)
- ⑧ PR. HMA BINDER CRS, IL-9.5, N50, 2-1/4"
- ⑨ PR. HMA SURFACE CRS, IL-9.5, MIX "D", N50, 1-1/2"
- ⑩ PR COMB CONC CURB AND GUTTER, TY B-6.24 (SEE NOTE 1)
- ⑪ PR SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4" (SEE NOTE 1)
- ⑫ PR. LONGITUDINAL JOINT SEALANT (SEE NOTE 3)

NOTES:

1. LOCATIONS WILL BE SPECIFIED BY THE ENGINEER IN THE FIELD DURING CONSTRUCTION
2. PR AGG BASE COURSE IS INCLUDED IN THE PCC SIDEWALK PAY ITEM. SEE PROJECT SPECIFICATIONS FOR DETAILS.
3. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE BINDER LIFT.
4. NO PROPOSED MIDBLOCK SIDEWALK REPAIR

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	4% @ 50 Gyr.
PATCHING	
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	4% @ 70 Gyr.
DRIVEWAY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	4% @ 50 Gyr.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL "PG 64 -22" UNLESS MODIFIED BY SPECIALS PROVISIONS.
3. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
4. THE CONTRACTOR SHALL MILL BEFORE PATCHING.

FILE NAME = 05 Prince Crossing_Typical Sections.dgn



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PLOT DATE = 11/10/2020	DATE -	REVISED -

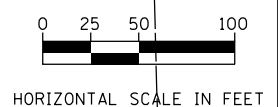
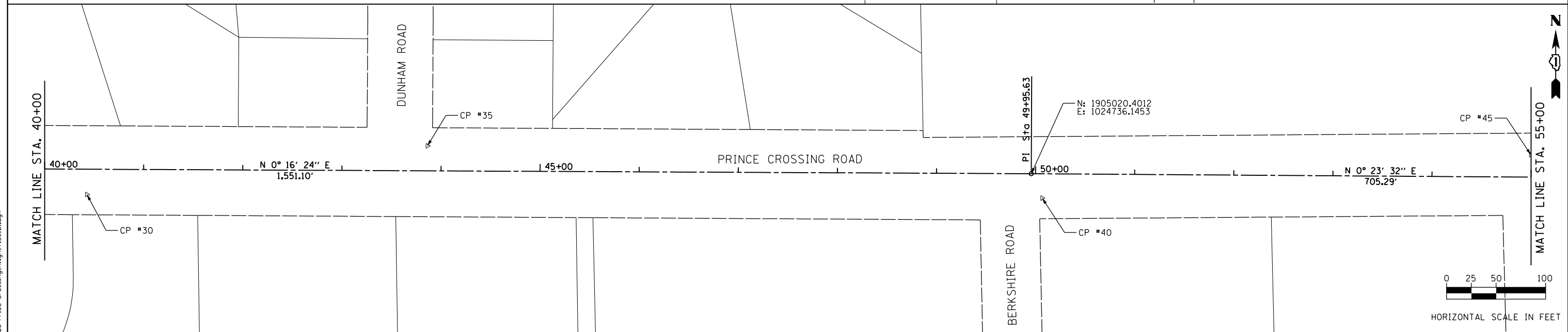
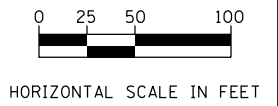
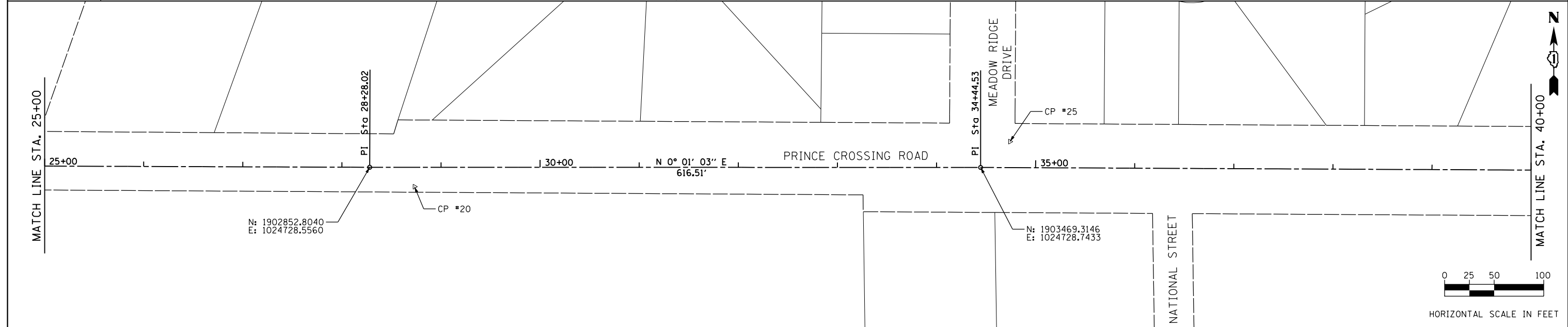
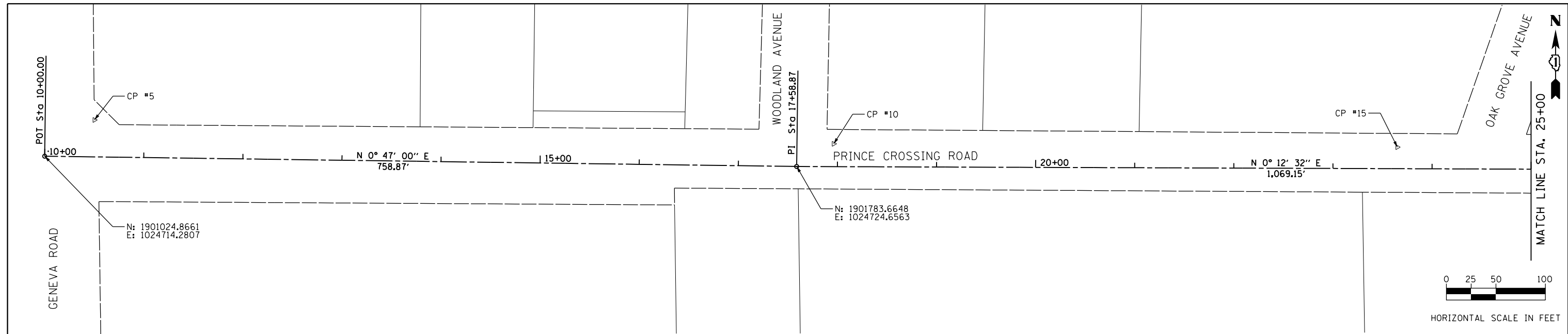
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	5
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

FILE NAME = 96-Prince Crossing-Align_Ties.dgn



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PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

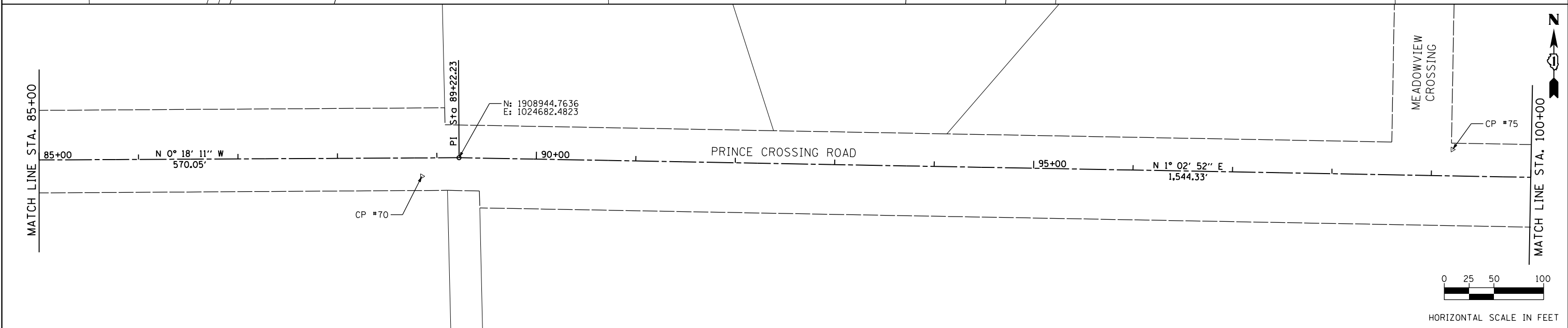
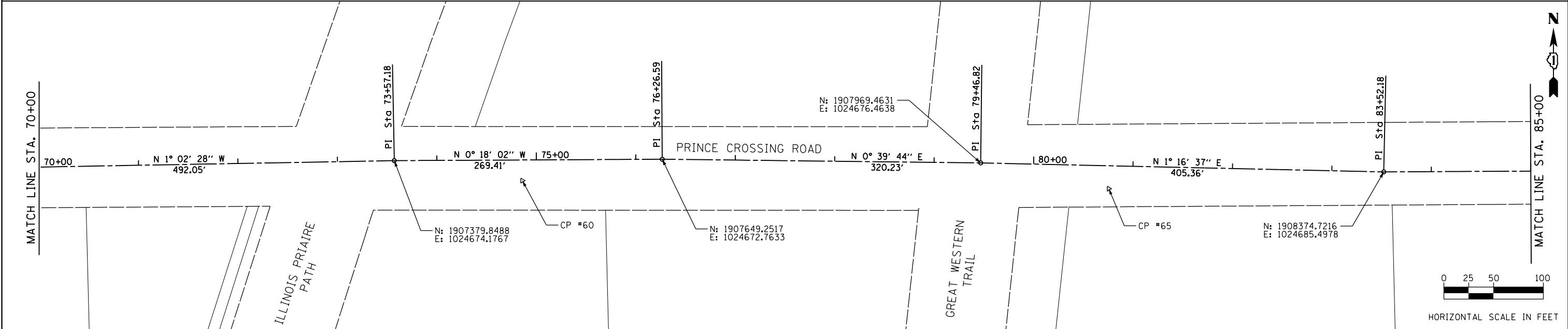
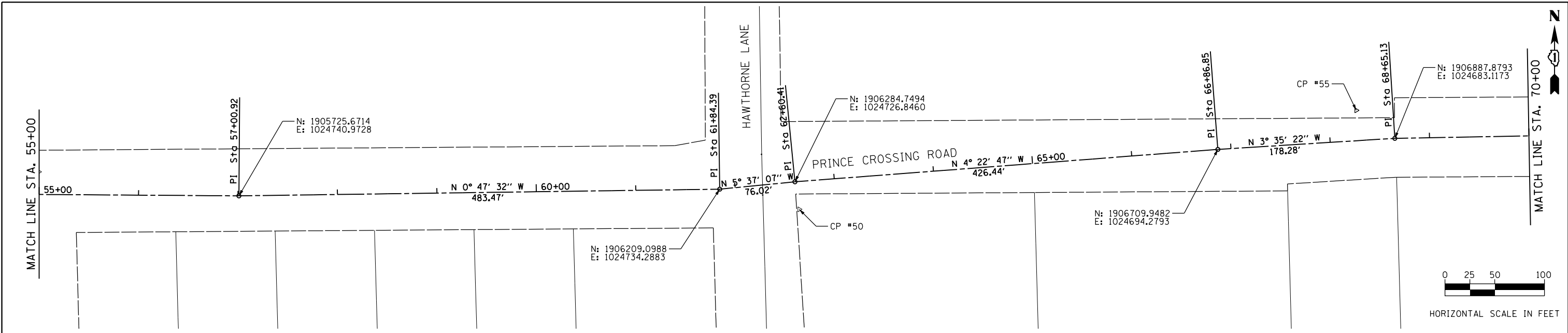
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	6
CONTRACT NO. 61C26			ILLINOIS FED. AID PROJECT	

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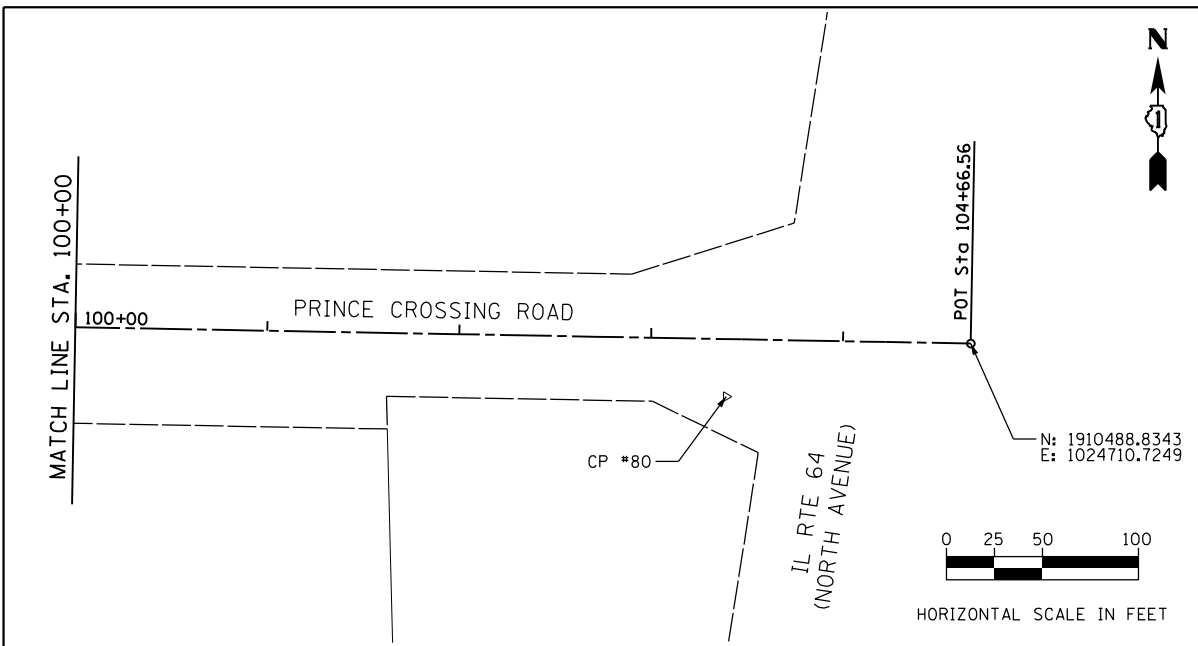


USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

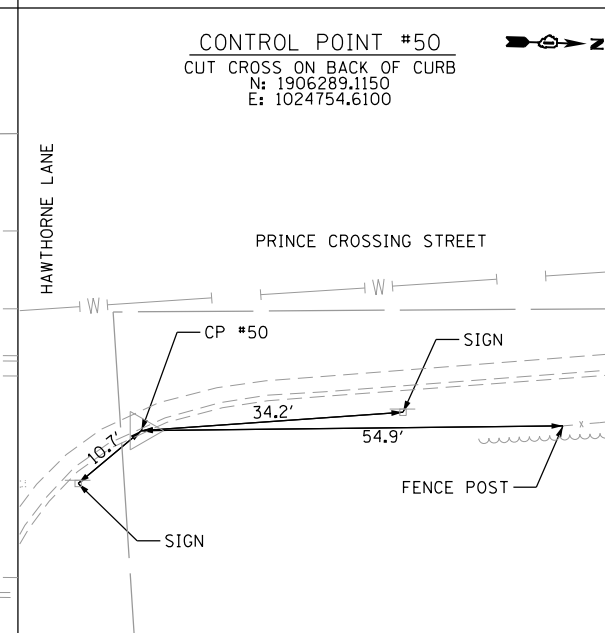
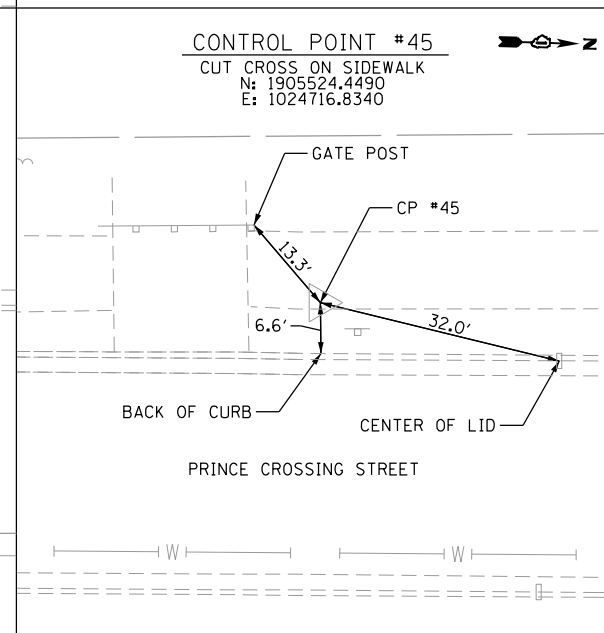
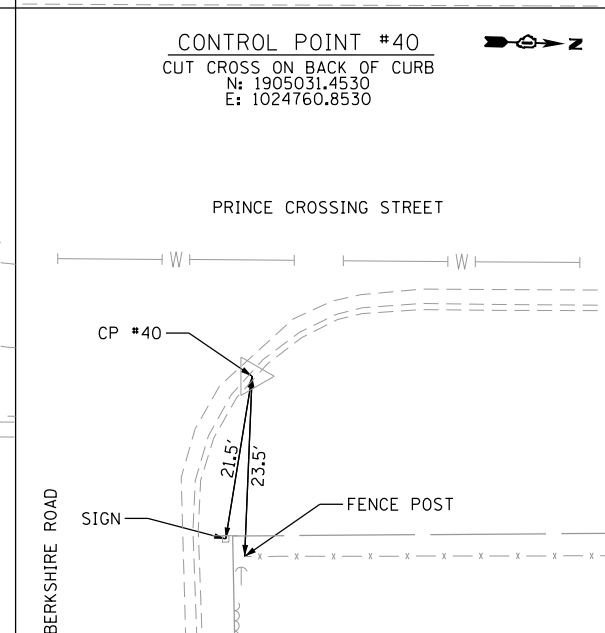
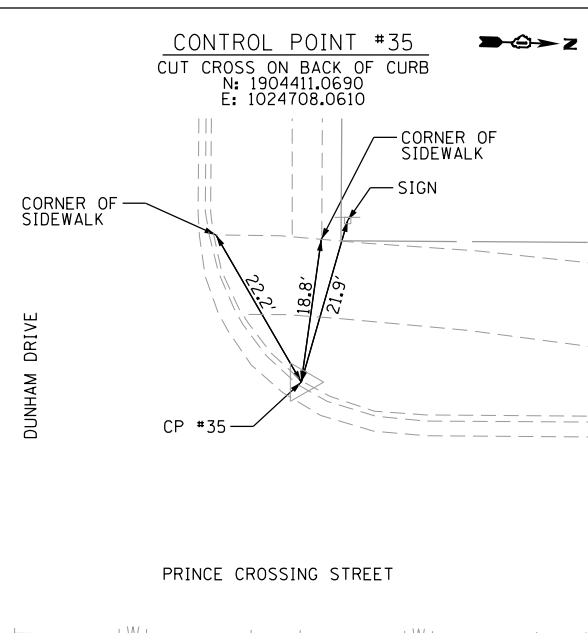
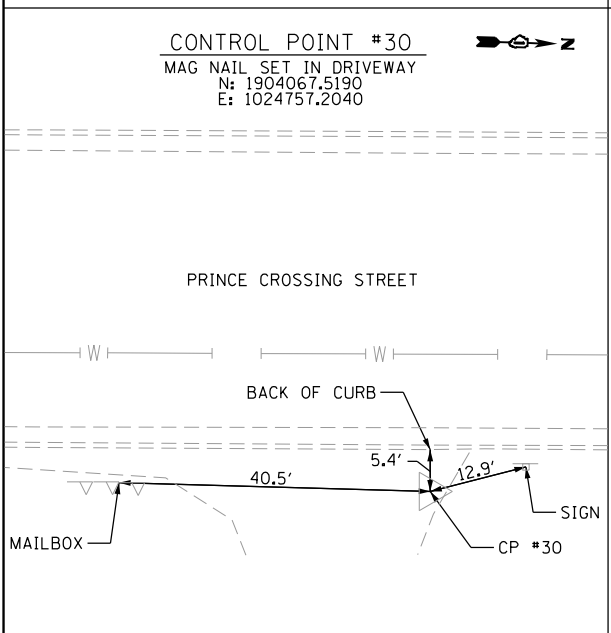
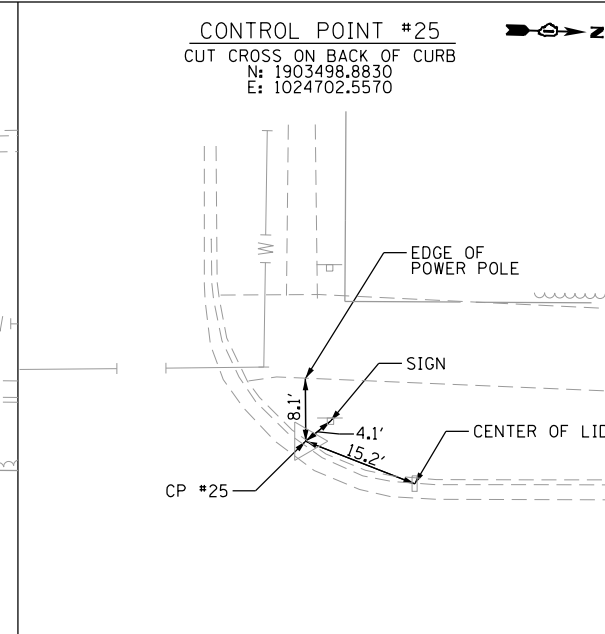
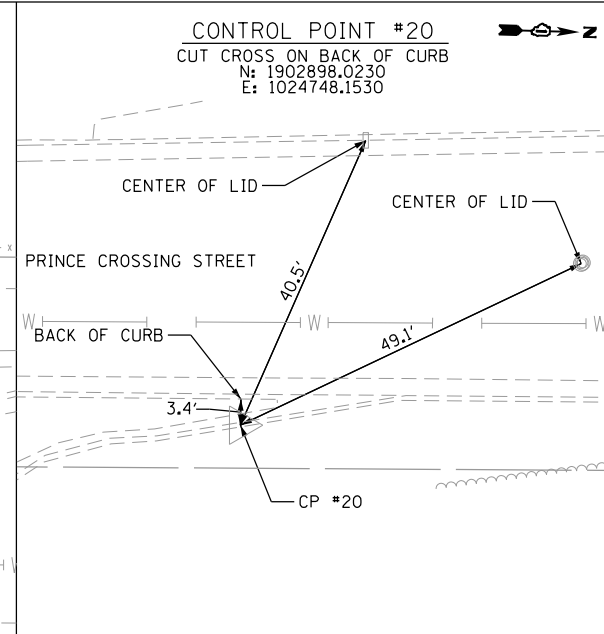
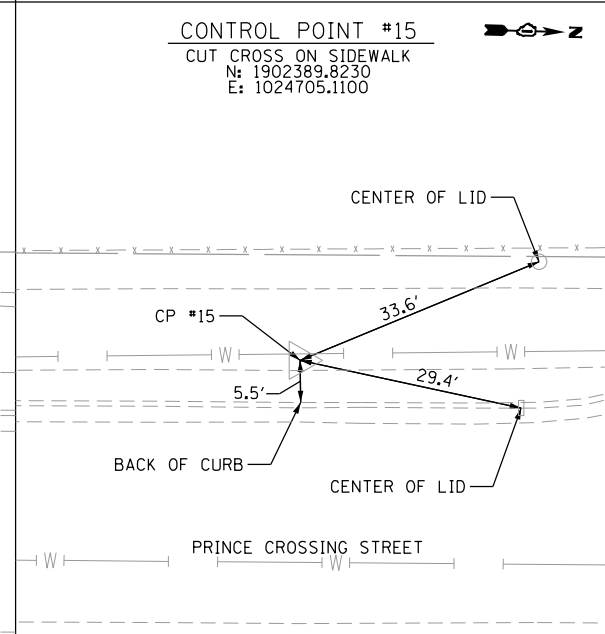
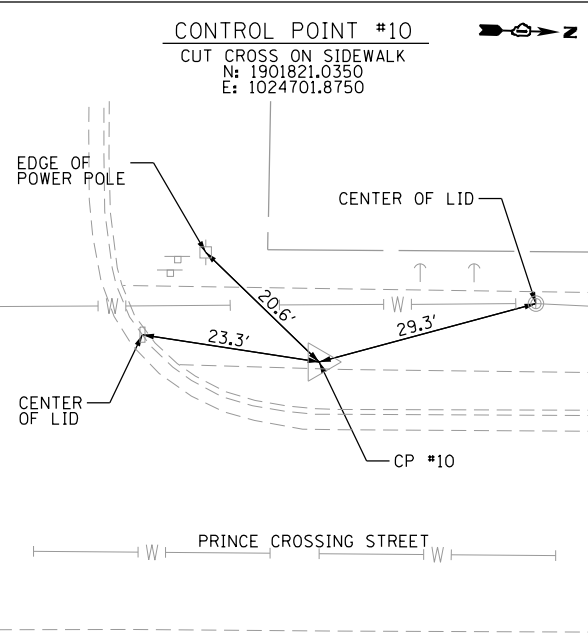
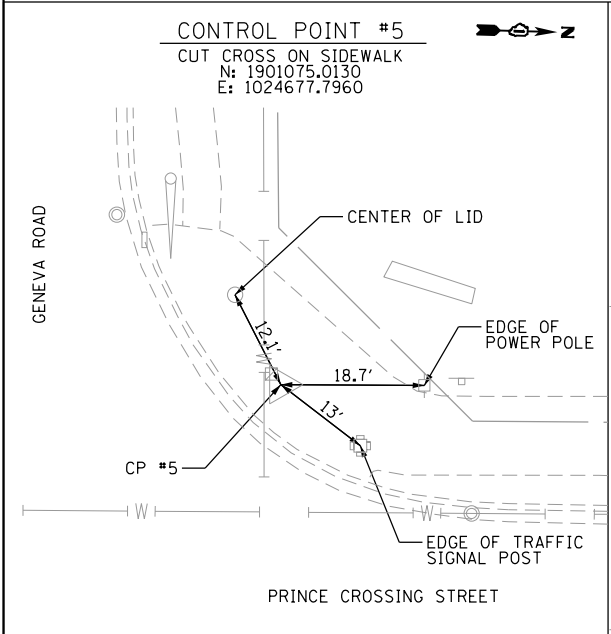
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	7
CONTRACT NO. 61C26				
ILLINOIS FED. AID PROJECT				



BENCHMARKS	
BM WC300:	MONUMENT SET ALONG SOUTH SIDE OF WASHINGTON STREET AND EAST OF ENTRANCE TO STRIP MALL @ IL RTE 59 ELEV:
BM A:	ARROW BOLT ON HYDRANT AT NE CORNER OF PRINCE CROSSING AND GENEVA ROAD ELEV:
BM B:	RAILROAD SPIKE IN POWER POLE AT NW CORNER OF WOODLAND AVE AND PRINCE CROSSING ROAD ELEV:
BM C:	RAILROAD SPIKE IN POWER POLE AT NW CORNER OF OAK GROVE AND PRINCE CROSSING ROAD ELEV:
BM D:	ARROW BOLT ON HYDRANT ON WEST SIDE OF PRINCE CROSSING ROAD ACROSS FROM ENTRANCE TO FOREST PRESERVE ELEV:
BM E:	RAILROAD SPIKE IN POWER POLE AT SW CORNER OF MEADOW RIDGE AND PRINCE CROSSING ROAD ELEV:
BM F:	RAILROAD SPIKE IN POWER POLE ON WEST SIDE OF PRINCE CROSSING ROAD, ACROSS FROM BERKSHIRE ROAD ELEV:
BM G:	NW BOLT ON LIGHT POLE BASE AT NW CORNER OF DUNHAM DRIVE AND PRINCE CROSSING ROAD ELEV:
BM H:	RAILROAD SPIKE IN POWER POLE AT SW CORNER OF HAWTHORNE AND PRINCE CROSSING ROAD ELEV:
BM I:	SW BONNET BOLT ON HYDRANT AT SW CORNER OF WHEATON ACADEMY AND PRINCE CROSSING ROAD ELEV:
BM J:	BRASS MONUMENT IN CONCRETE HEADWALL ON EAST SIDE OF PRINCE CROSSING ROAD ELEV:
BM K:	BRASS DISK SET IN CENTERLINE OF PRINCE CROSSING ROAD AT TRUCK ENTRANCE TO FORMING AMERICA ELEV:



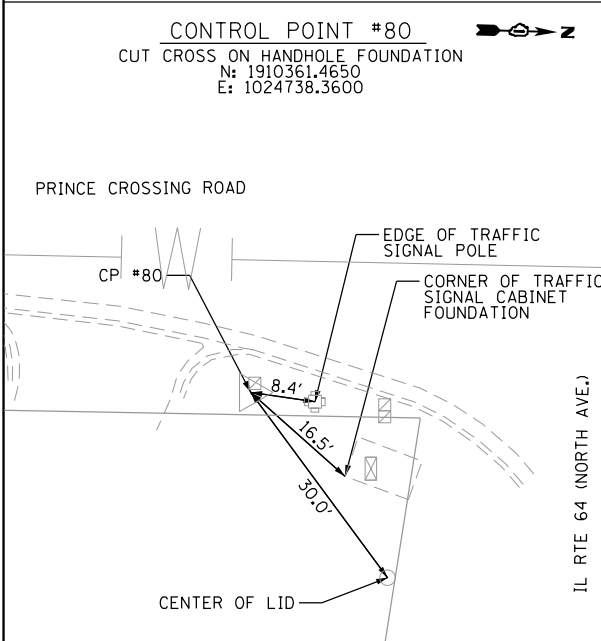
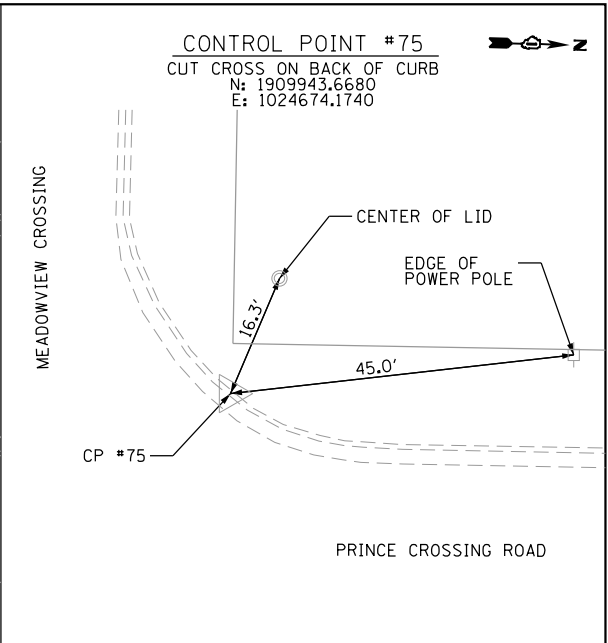
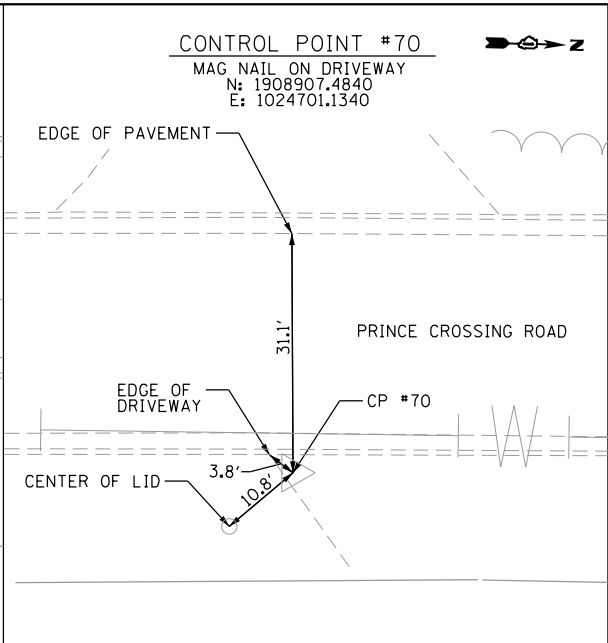
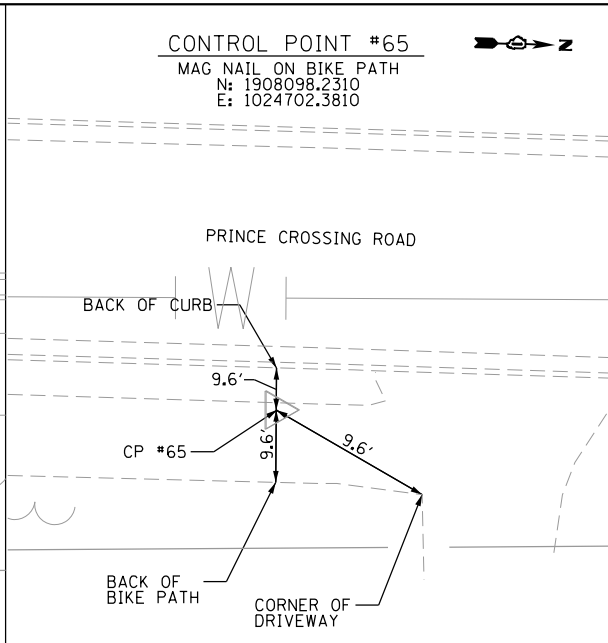
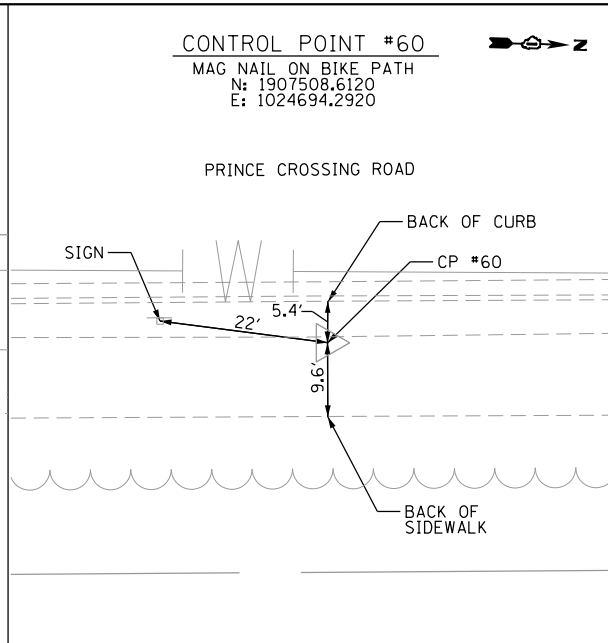
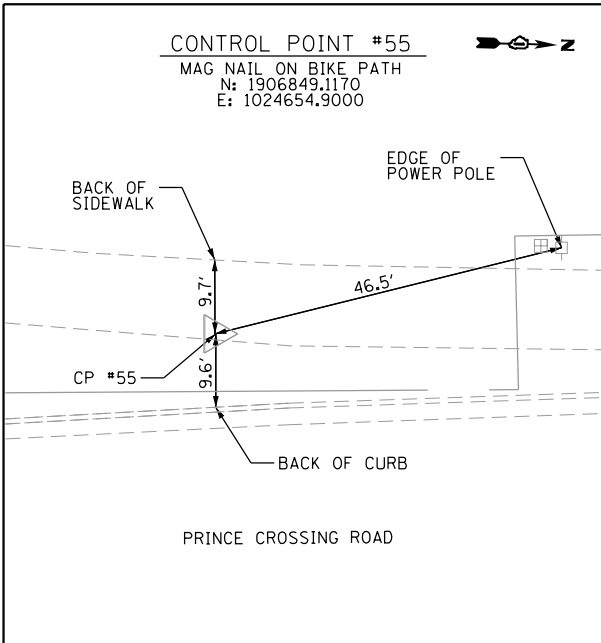
FILE NAME = 08-Prince Crossing_Align_Ties_03.dgn

	USER NAME = DonN	DESIGNED -	REVISED -
	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -
	PLOT DATE = 11/4/2020	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	8
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



FILE NAME = 09 Prince Crossing_Align_Ties_04.dgn



USER NAME = DonN
DESIGNED -
DRAWN -
CHECKED -
DATE -
PLOT SCALE = 100.0000' / in.
PLOT DATE = 11/4/2020

DESIGNED -
DRAWN -
CHECKED -
DATE -

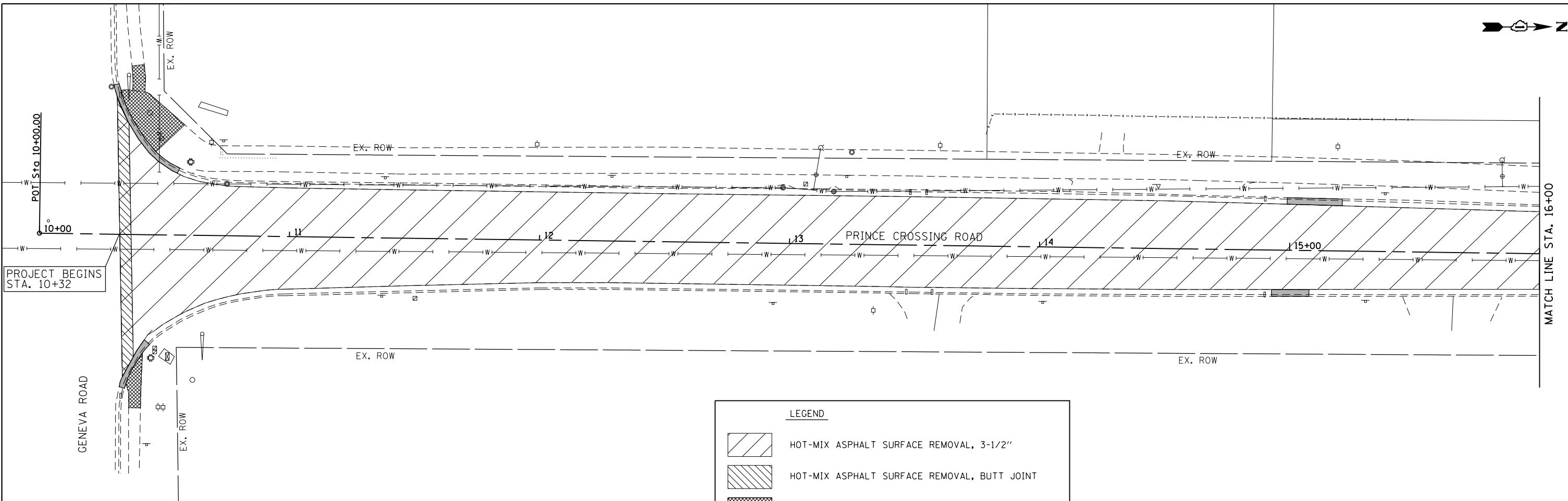
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

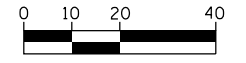
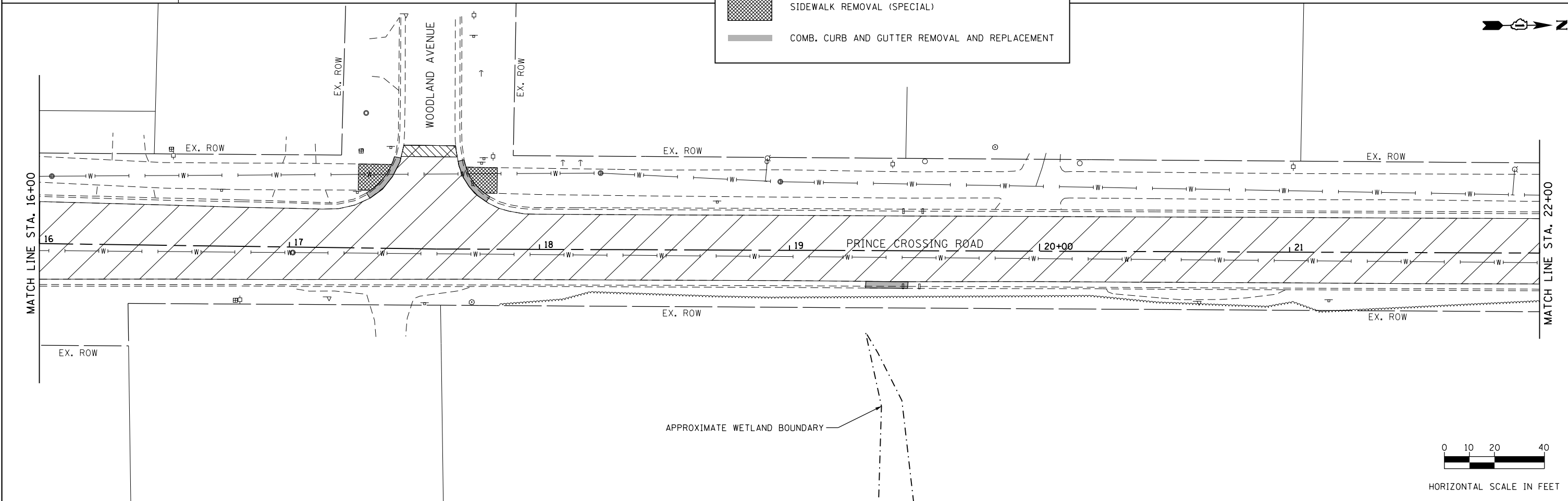
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	9
CONTRACT NO. 61C26				
ILLINOIS FED. AID PROJECT				



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- SIDEWALK REMOVAL (SPECIAL)
- COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



HORIZONTAL SCALE IN FEET

FILE NAME = 10 Prince Crossing-Removal 01.dgn



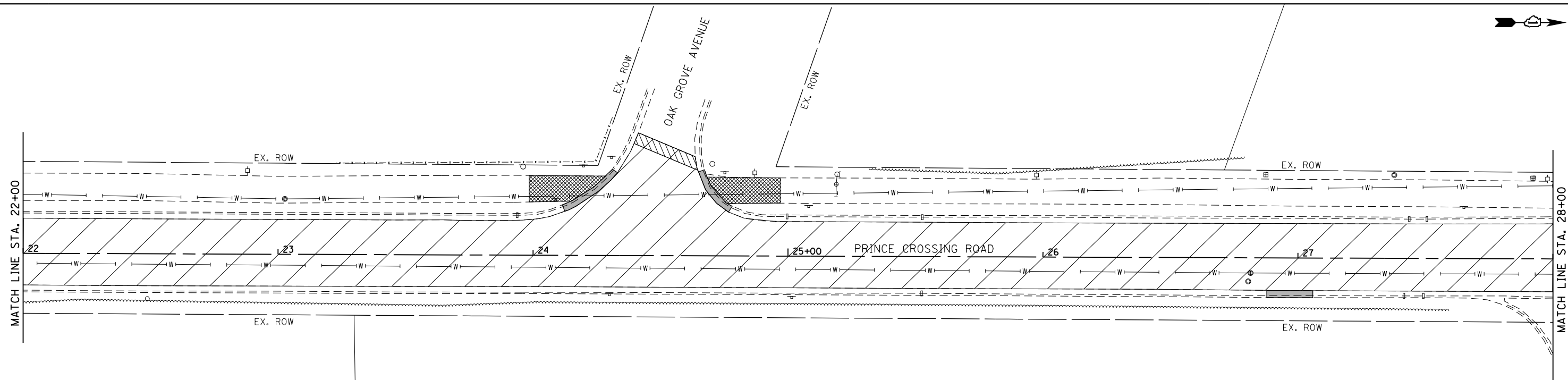
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND REMOVAL PLANS

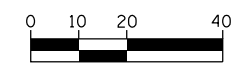
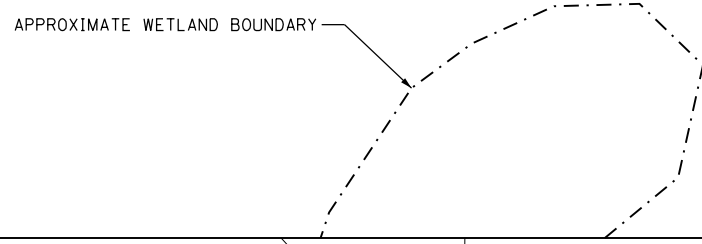
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	10
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

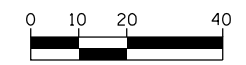
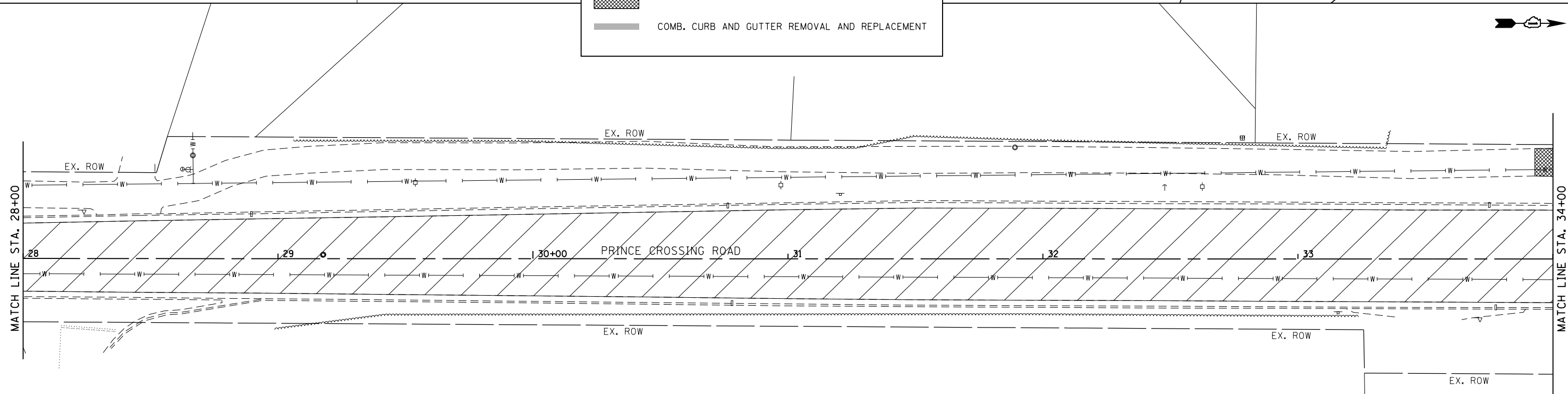


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- SIDEWALK REMOVAL (SPECIAL)
- COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



HORIZONTAL SCALE IN FEET



HORIZONTAL SCALE IN FEET

FILE NAME = 11 Prince Crossing-Removal 02.dgn



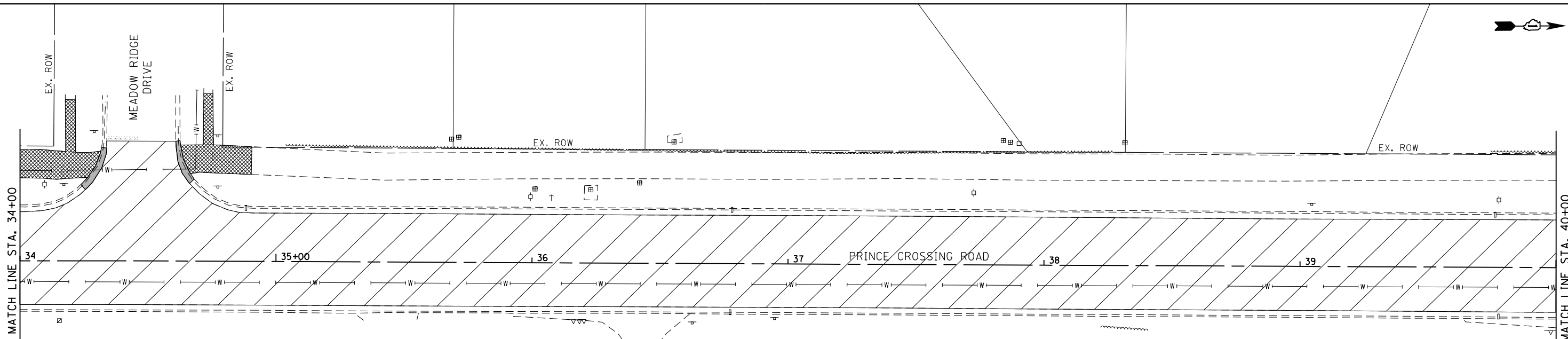
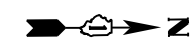
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND REMOVAL PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	11
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

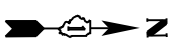
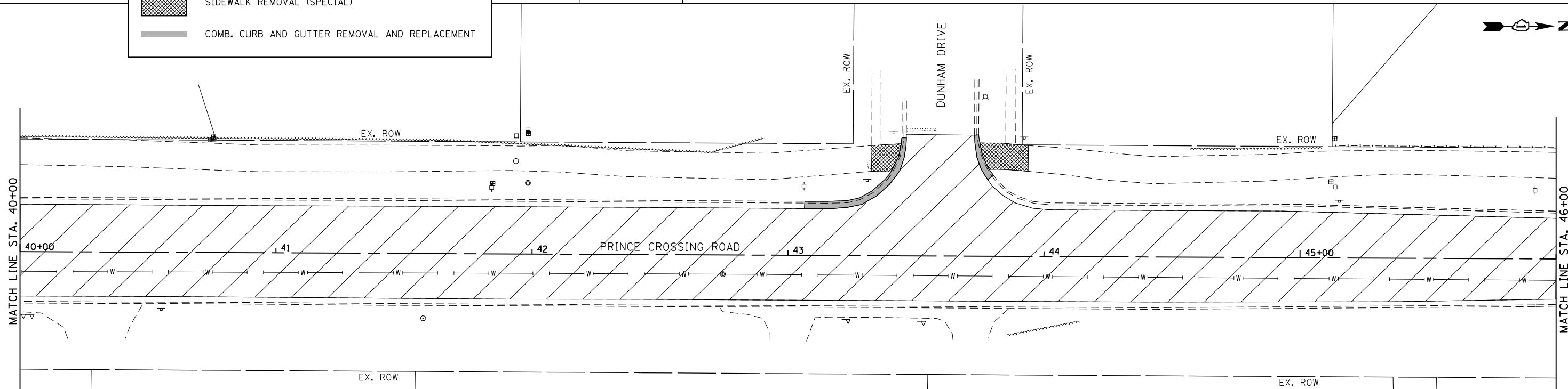


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- SIDEWALK REMOVAL (SPECIAL)
- COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



HORIZONTAL SCALE IN FEET



HORIZONTAL SCALE IN FEET

FILE NAME = 12 Prince Crossing-Removal 03.dgn



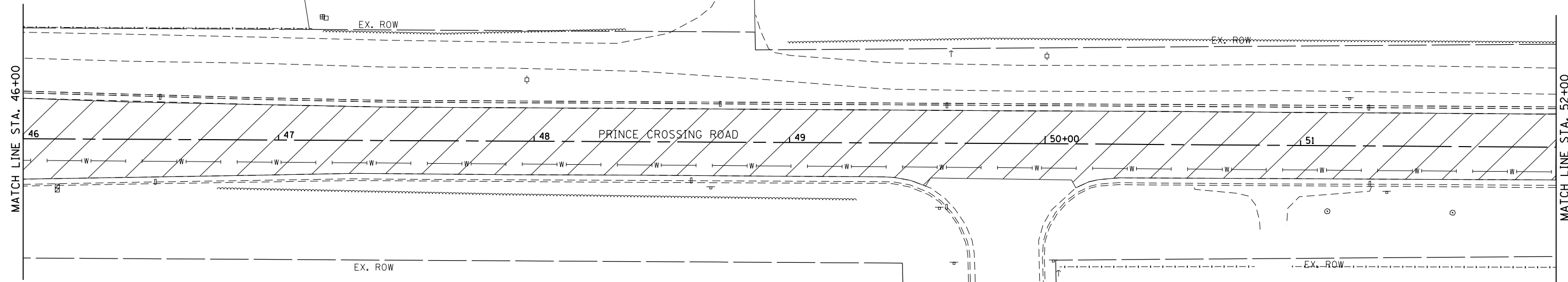
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





EXISTING AND REMOVAL PLANS

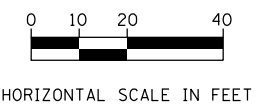
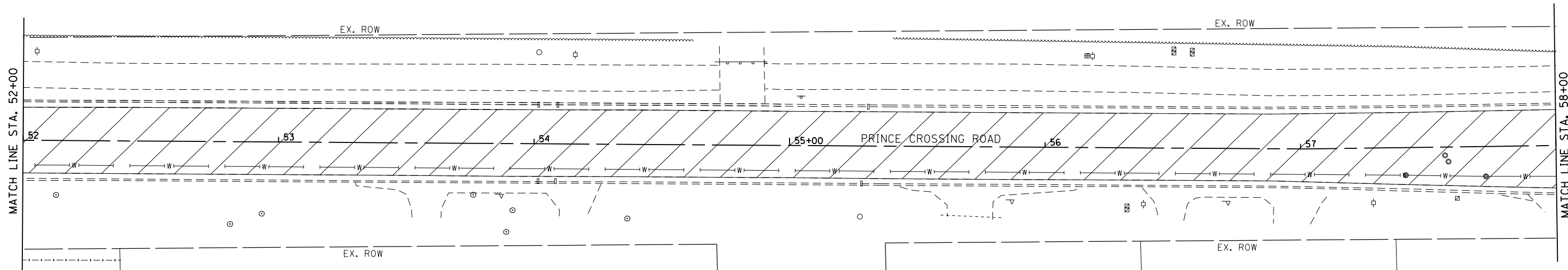
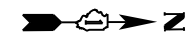
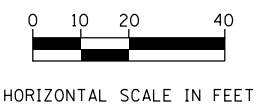
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	12
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
-  SIDEWALK REMOVAL (SPECIAL)
-  COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



FILE NAME = 13 Prince Crossing-Removal_04.dgn



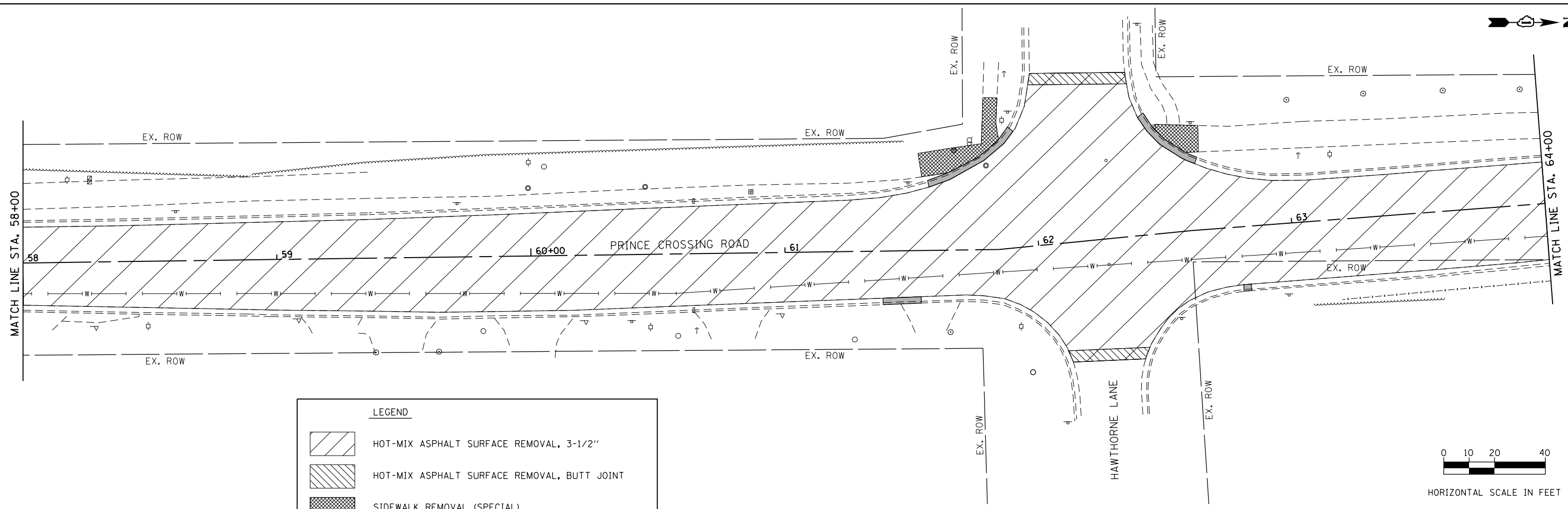
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

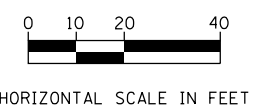
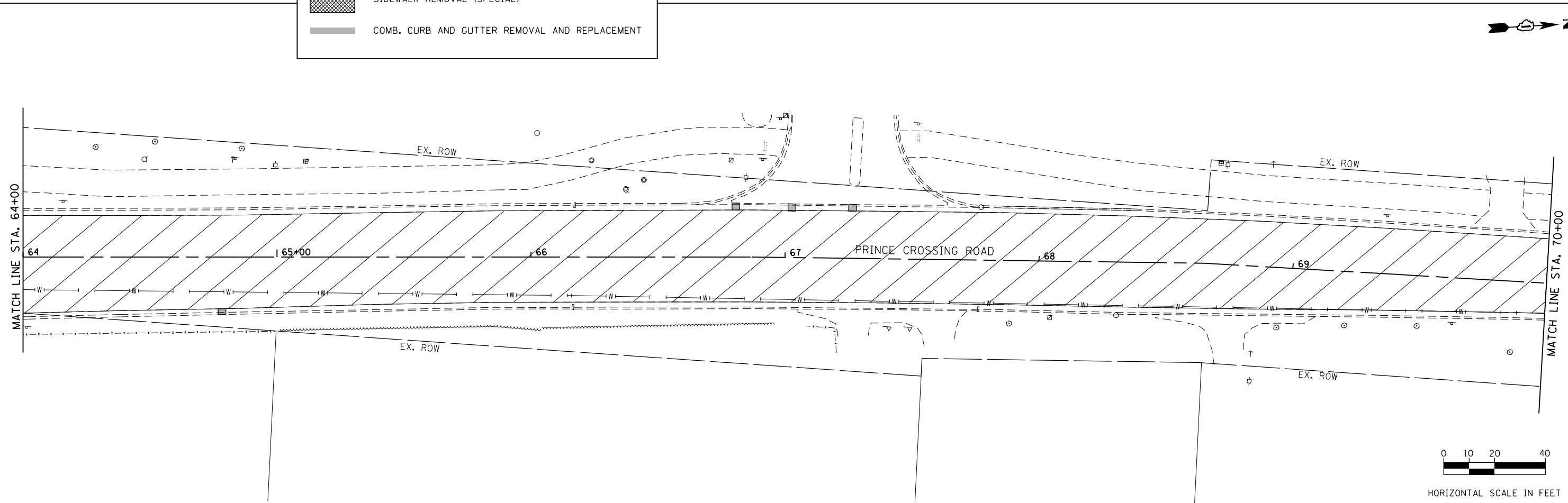
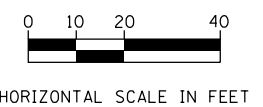
EXISTING AND REMOVAL PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	13
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
	SIDEWALK REMOVAL (SPECIAL)
	COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



FILE NAME = 14 Prince Crossing-Removal 05.dgn



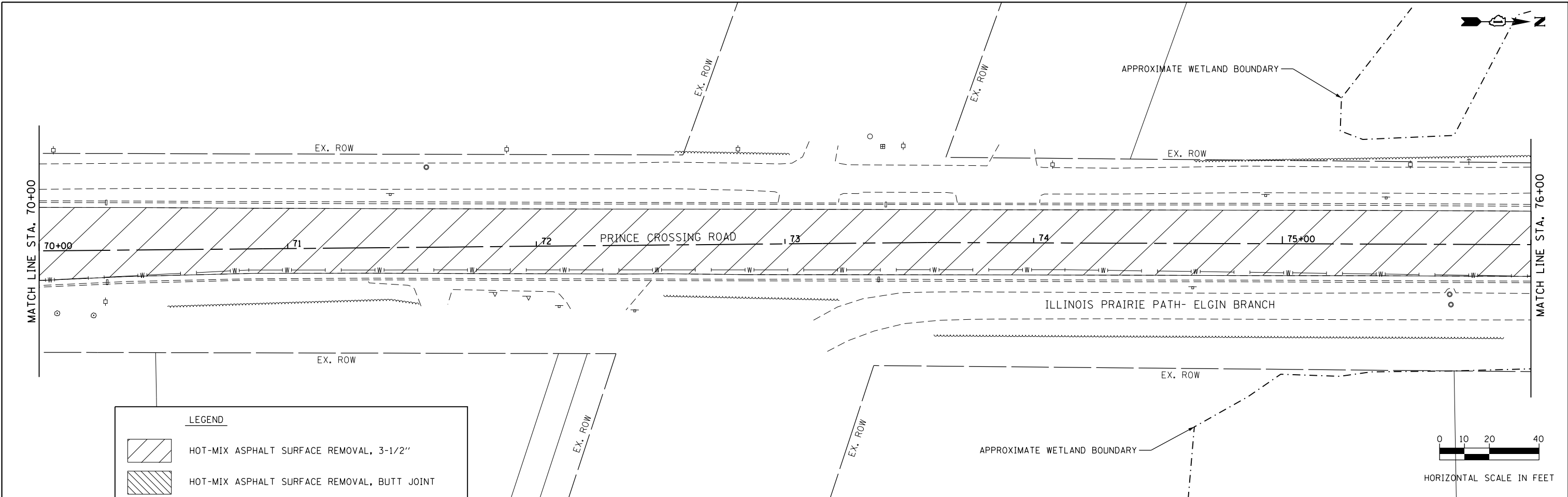
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





EXISTING AND REMOVAL PLANS

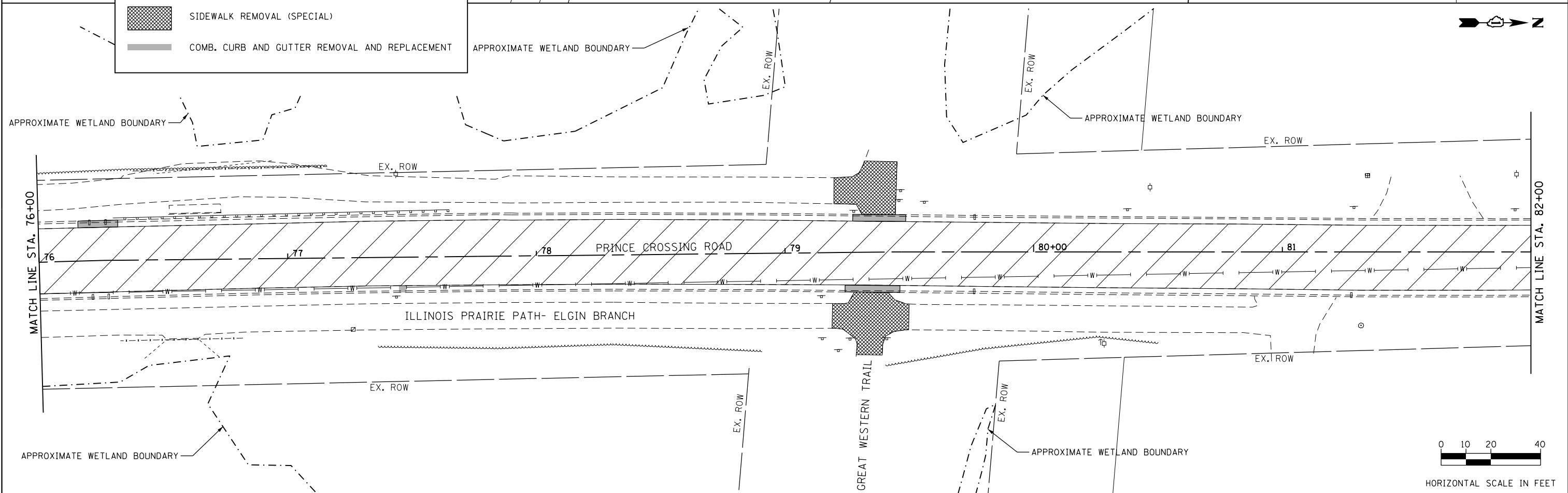
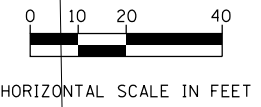
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	14
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
-  SIDEWALK REMOVAL (SPECIAL)
-  COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



FILE NAME = 15 Prince Crossing-Removal 06.dgn



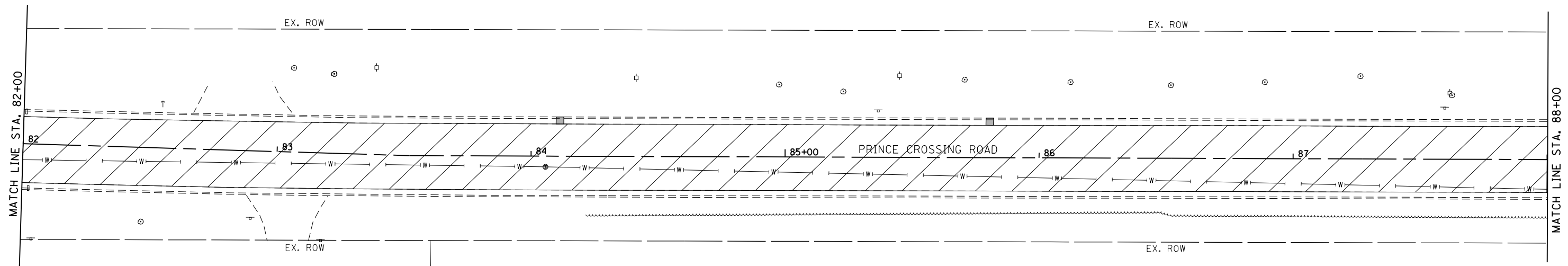
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PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND REMOVAL PLANS

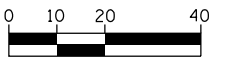
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	15
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

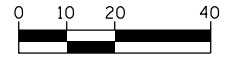
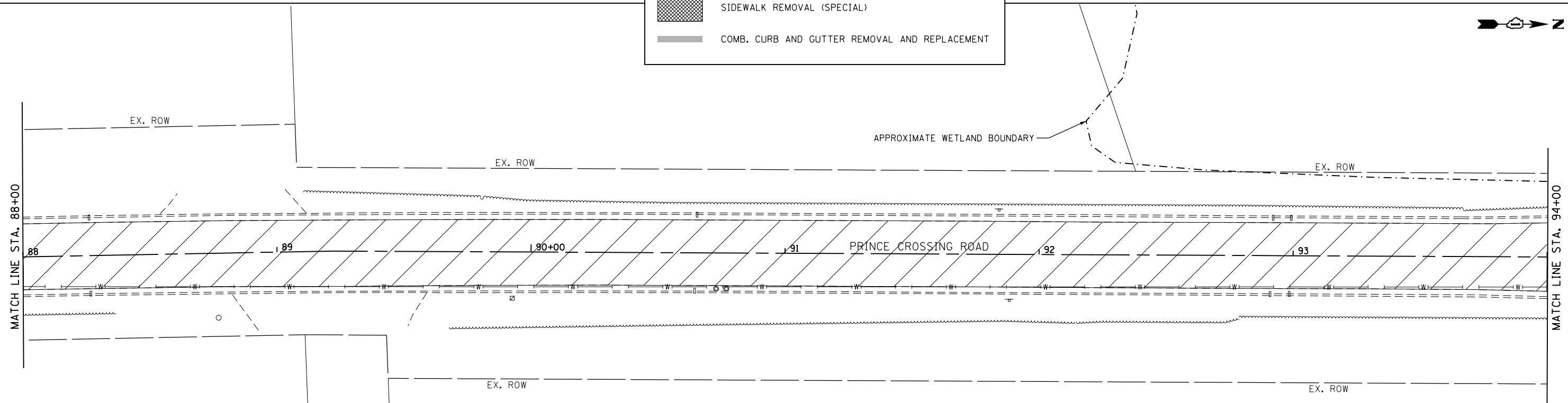
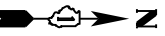


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- SIDEWALK REMOVAL (SPECIAL)
- COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



HORIZONTAL SCALE IN FEET



HORIZONTAL SCALE IN FEET

FILE NAME = 16 Prince Crossing-Removal 07.dgn



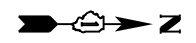
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND REMOVAL PLANS

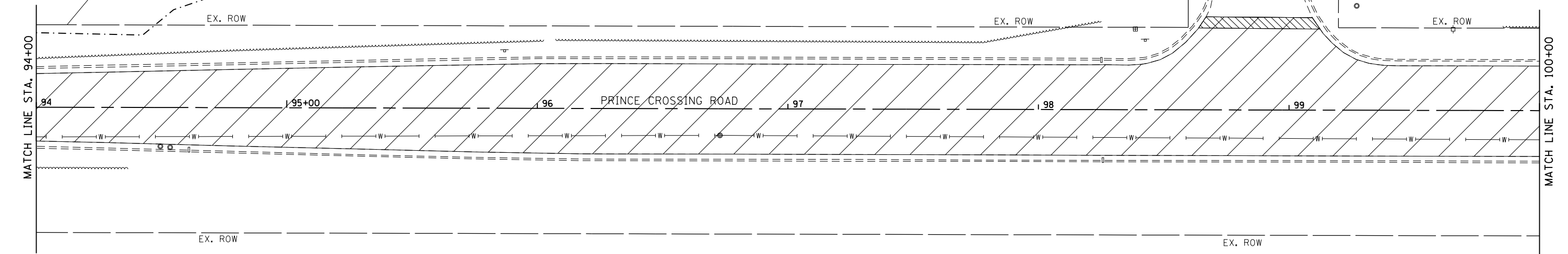
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	16
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



MEADOWVIEW CROSSING

APPROXIMATE WETLAND BOUNDARY



LEGEND

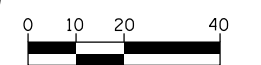
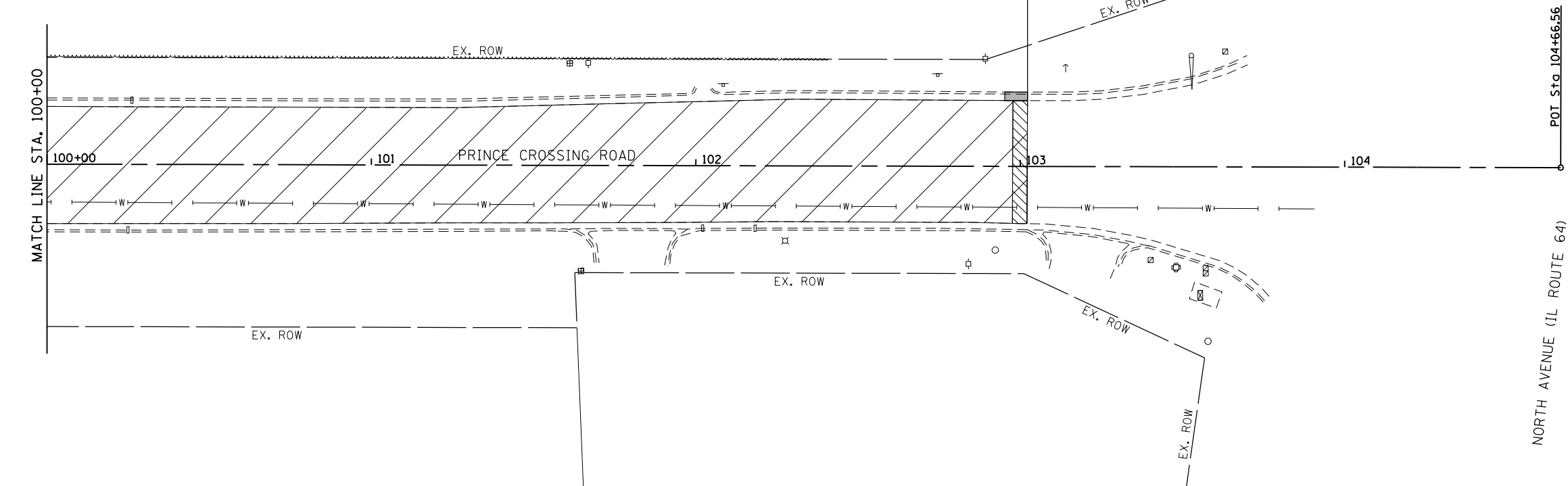
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- SIDEWALK REMOVAL (SPECIAL)
- COMB. CURB AND GUTTER REMOVAL AND REPLACEMENT



HORIZONTAL SCALE IN FEET



PROJECT ENDS STA. 103+02



HORIZONTAL SCALE IN FEET

FILE NAME = 17 Prince Crossing-Removal 08.dgn



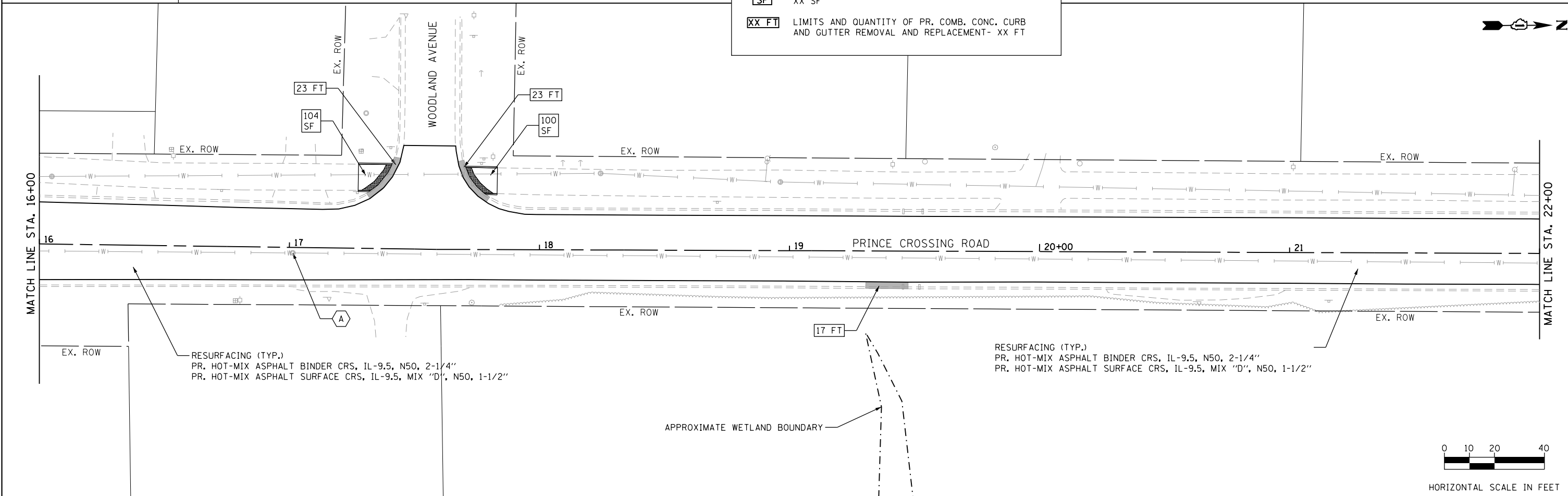
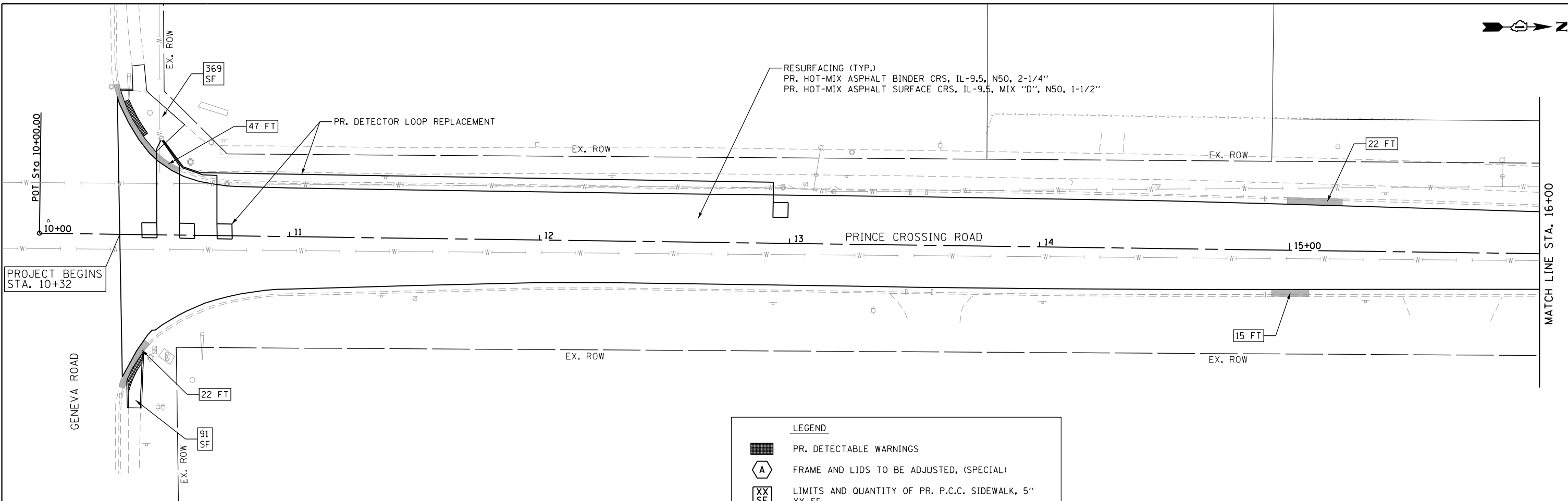
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND REMOVAL PLANS

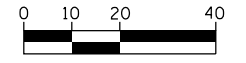
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	17
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



LEGEND

- PR. DETECTABLE WARNINGS
- FRAME AND LIDS TO BE ADJUSTED, (SPECIAL)
- LIMITS AND QUANTITY OF PR. P.C.C. SIDEWALK, 5\"/>



HORIZONTAL SCALE IN FEET

FILE NAME = 18 Prince Crossing-Roadway 01.dgn



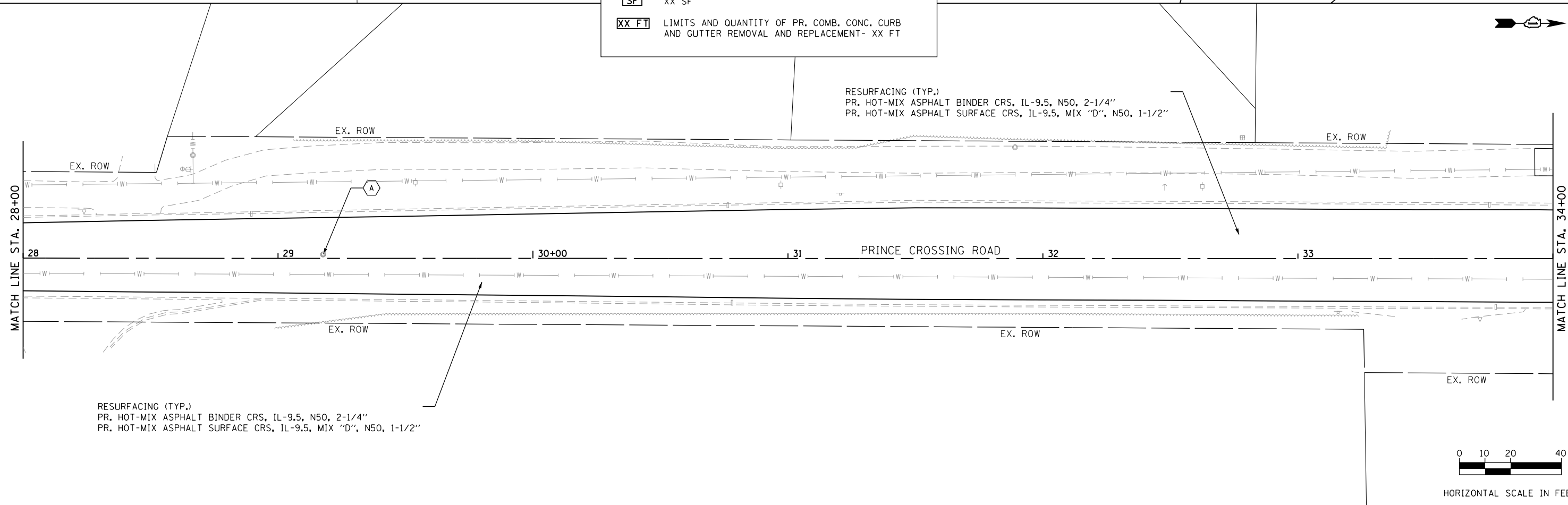
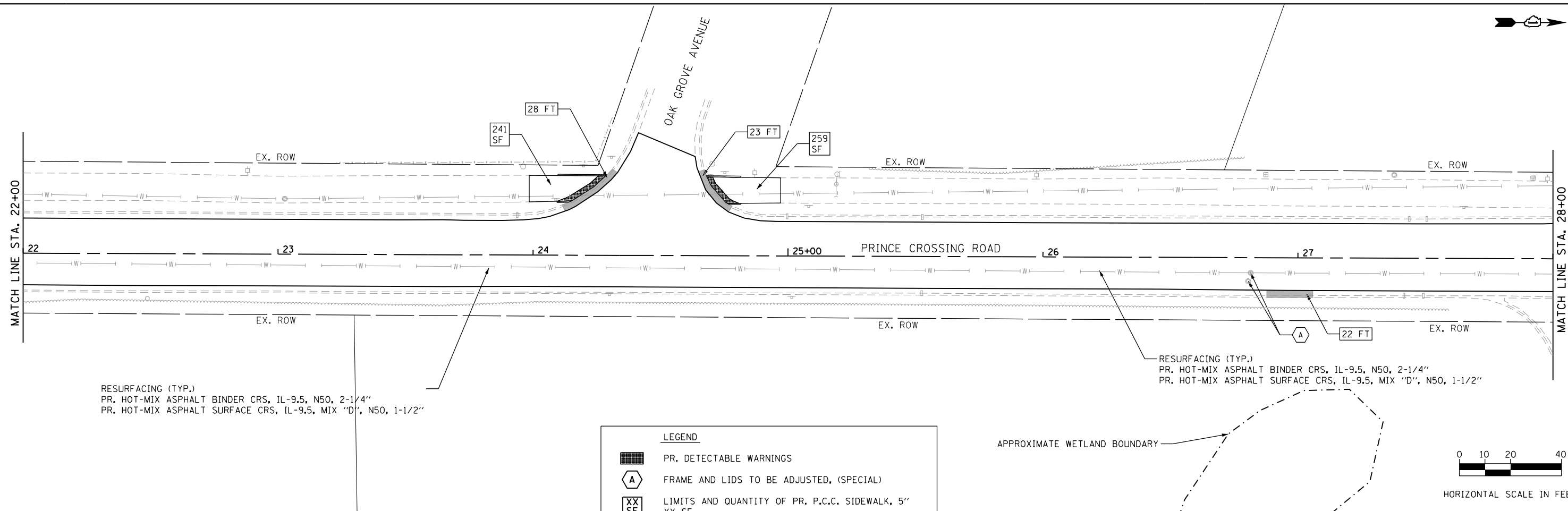
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	18
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



FILE NAME = 19 Prince Crossing_Roadway_02.dgn



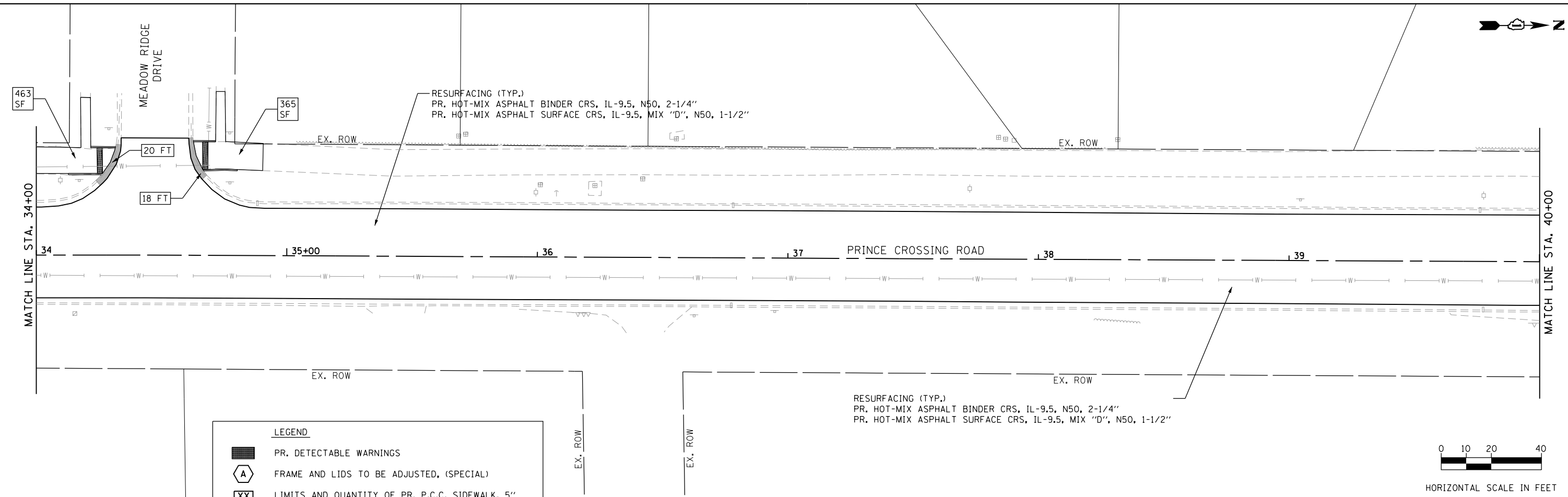
USER NAME = DonN	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

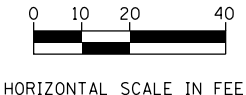
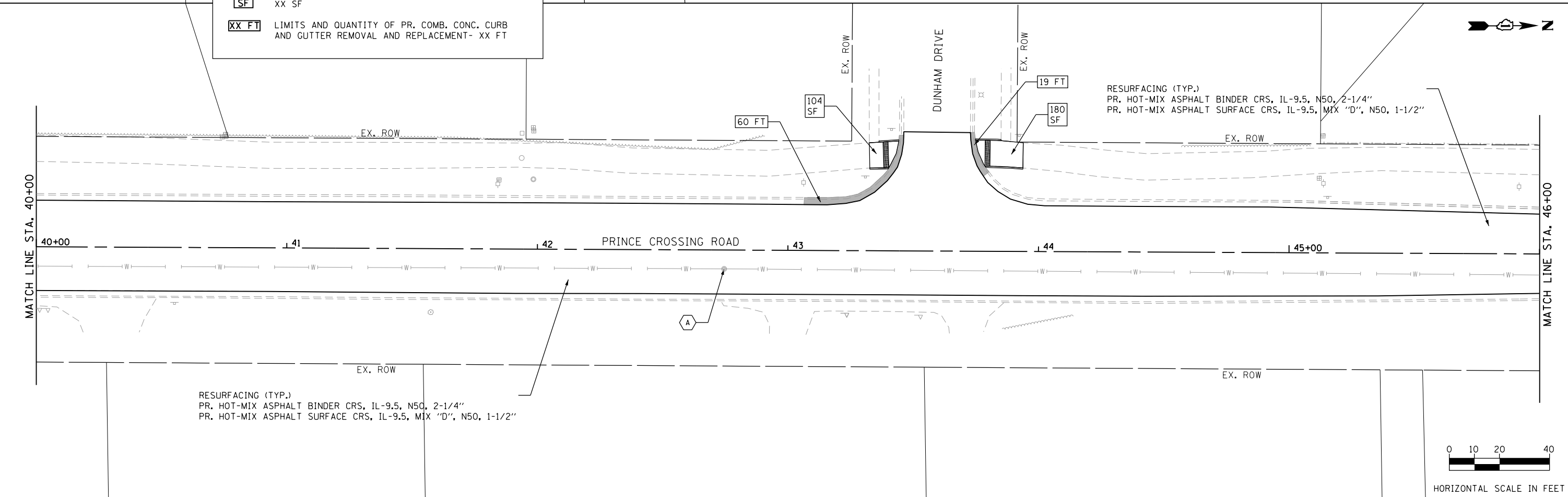
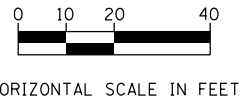
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	19
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

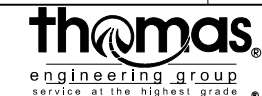


LEGEND

- PR. DETECTABLE WARNINGS
- FRAME AND LIDS TO BE ADJUSTED, (SPECIAL)
- LIMITS AND QUANTITY OF PR. P.C.C. SIDEWALK, 5" XX SF
- LIMITS AND QUANTITY OF PR. COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT- XX FT



FILE NAME = 20 Prince Crossing_Roadway 03.dgn



USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

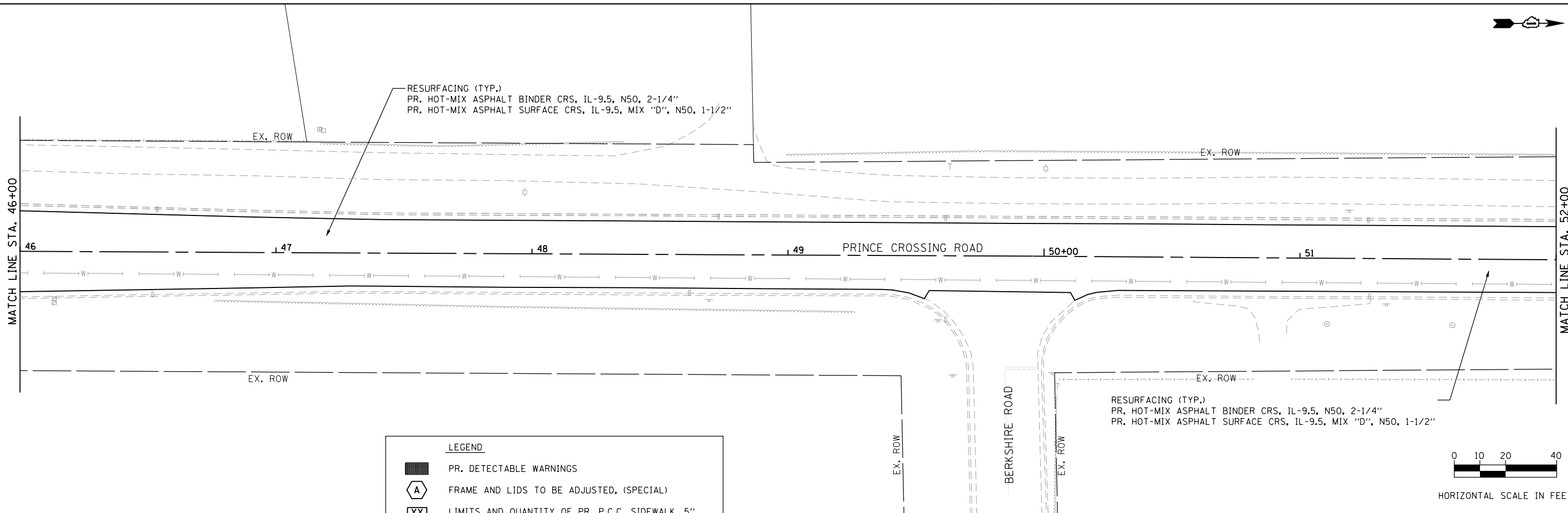
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS

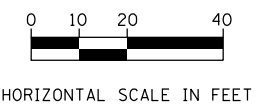
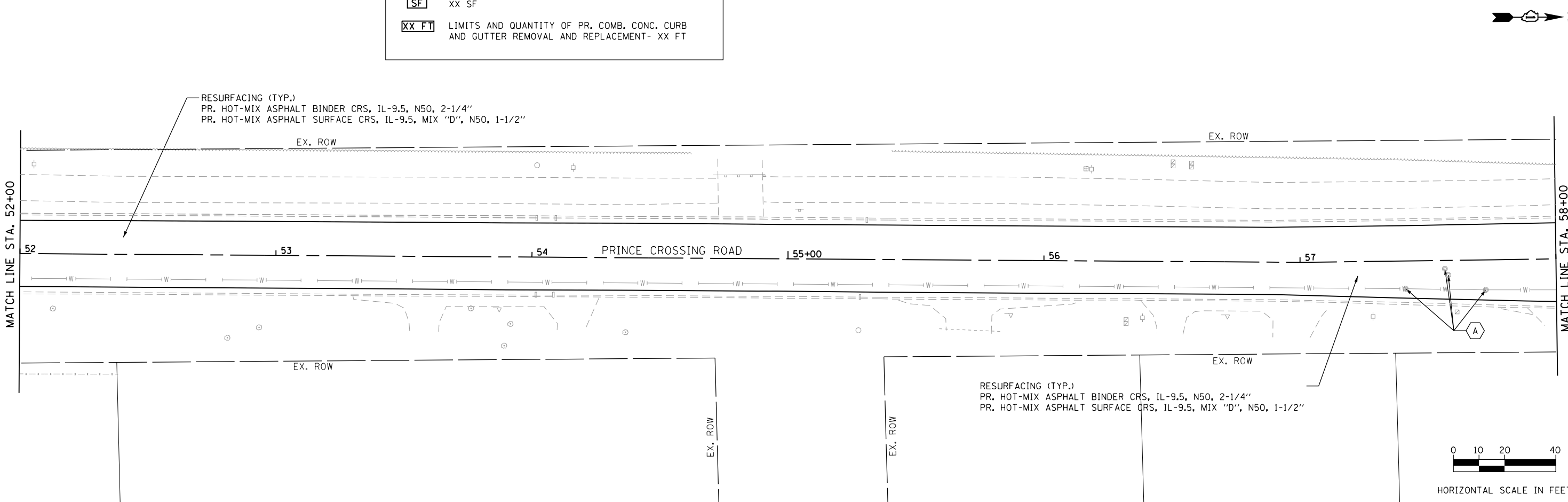
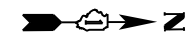
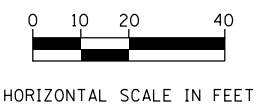
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	20
CONTRACT NO. 61G26				

ILLINOIS FED. AID PROJECT



LEGEND	
	PR. DETECTABLE WARNINGS
	FRAME AND LIDS TO BE ADJUSTED, (SPECIAL)
	LIMITS AND QUANTITY OF PR. P.C.C. SIDEWALK, 5\"/>



FILE NAME = 21 Prince Crossing-Roadway 04.dgn



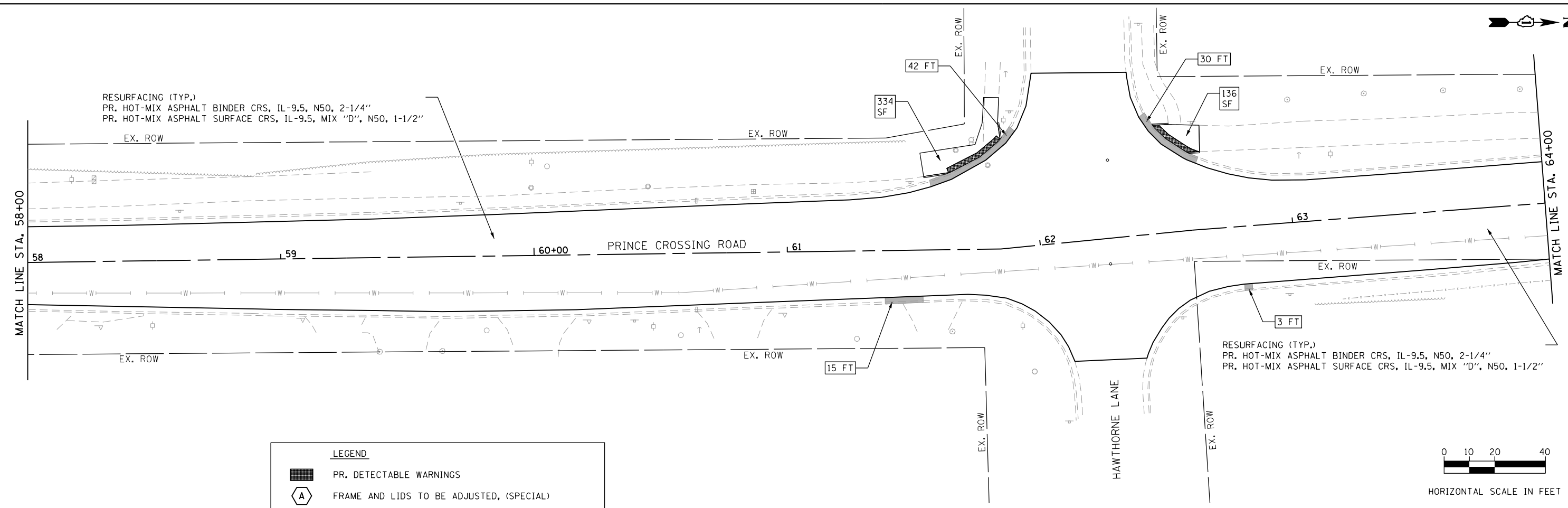
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS

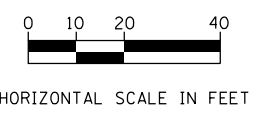
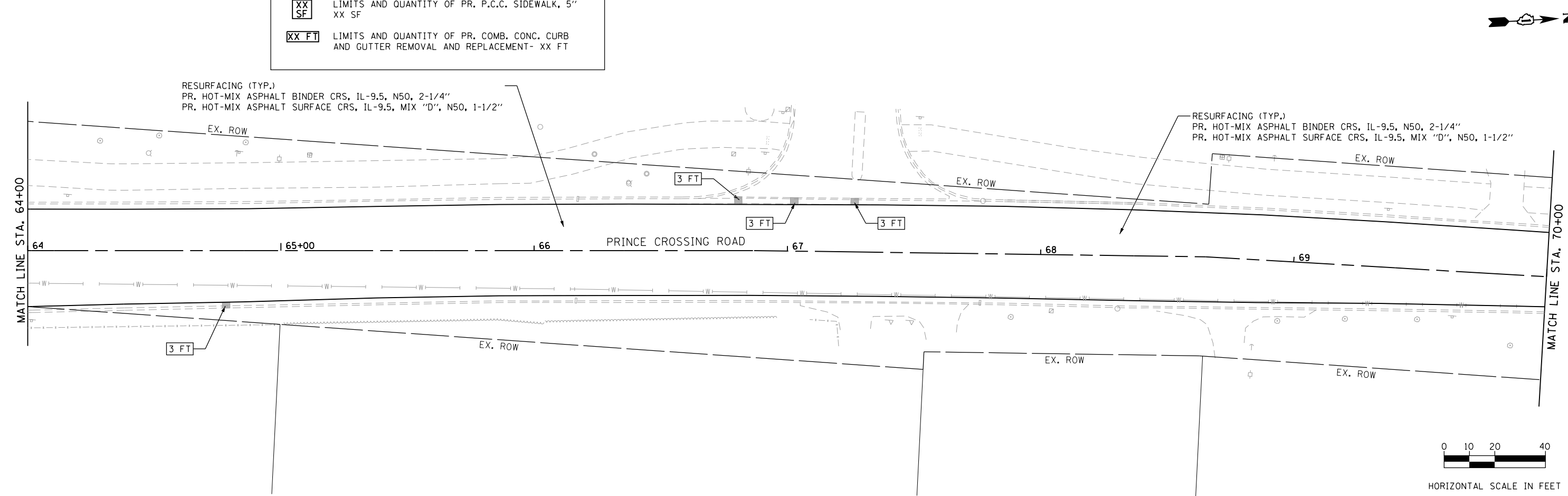
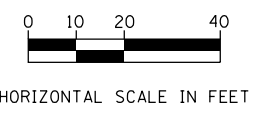
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	21
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



LEGEND

	PR. DETECTABLE WARNINGS
	FRAME AND LIDS TO BE ADJUSTED, (SPECIAL)
	LIMITS AND QUANTITY OF PR. P.C.C. SIDEWALK, 5" XX SF
	LIMITS AND QUANTITY OF PR. COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT- XX FT



FILE NAME = 22 Prince Crossing_Roadway @5.dgn



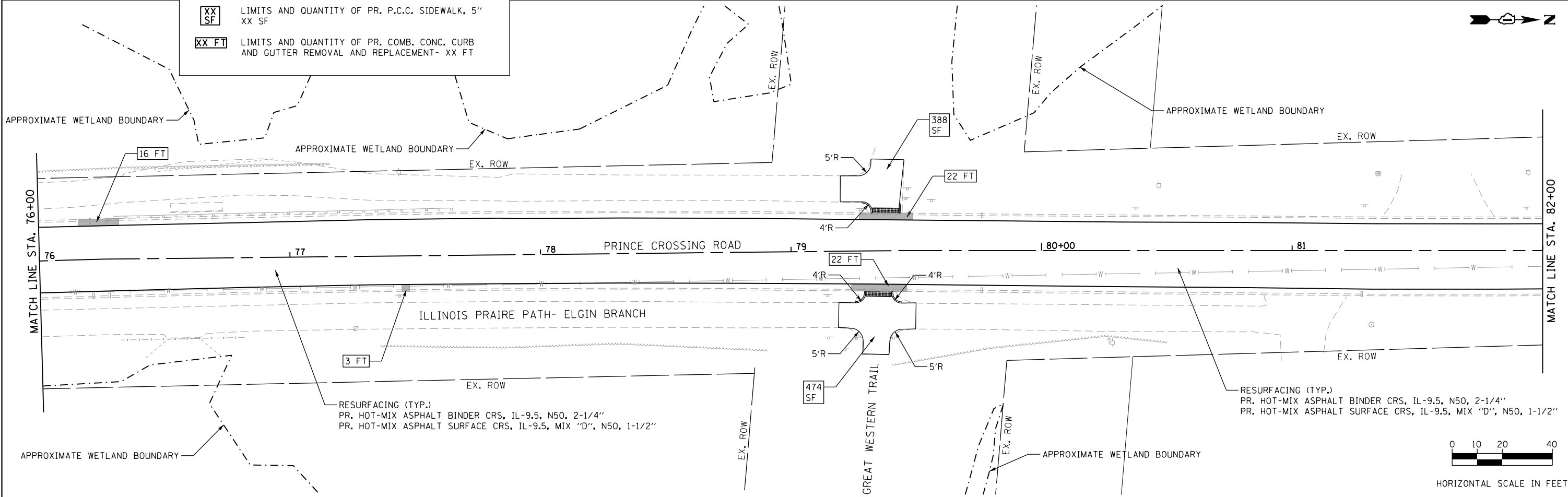
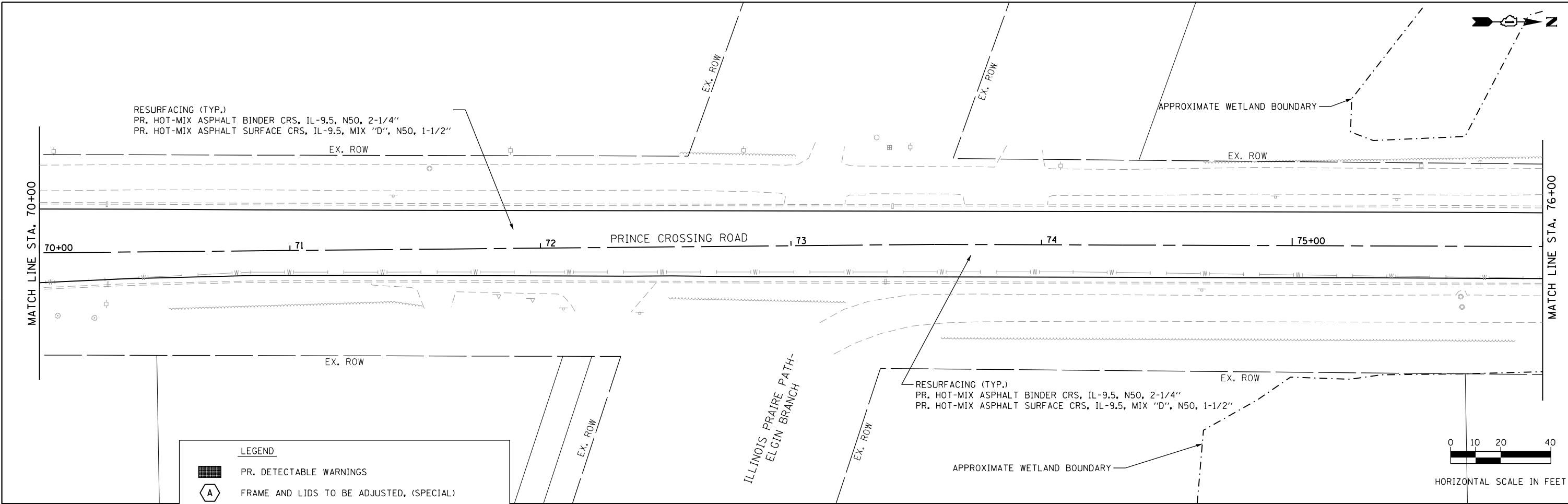
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	22
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



FILE NAME = 23 Prince Crossing.Roadway_06.dgn



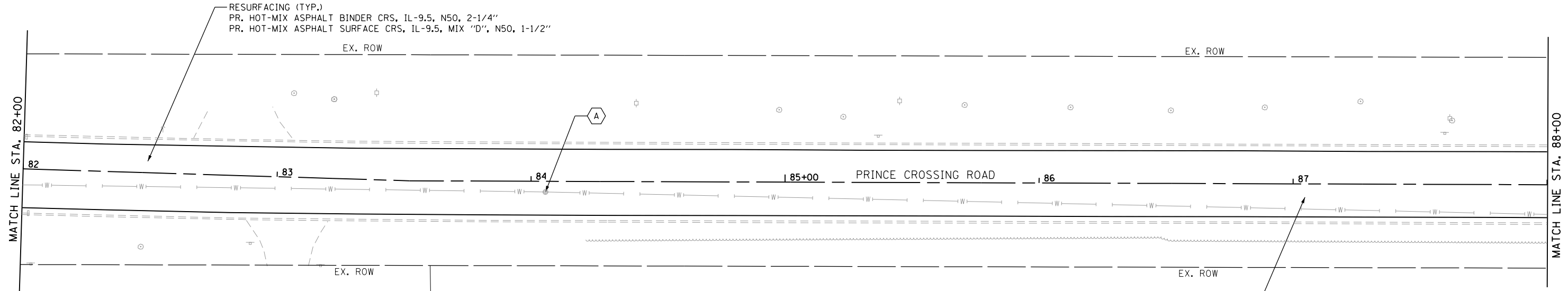
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

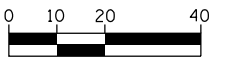
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	23
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



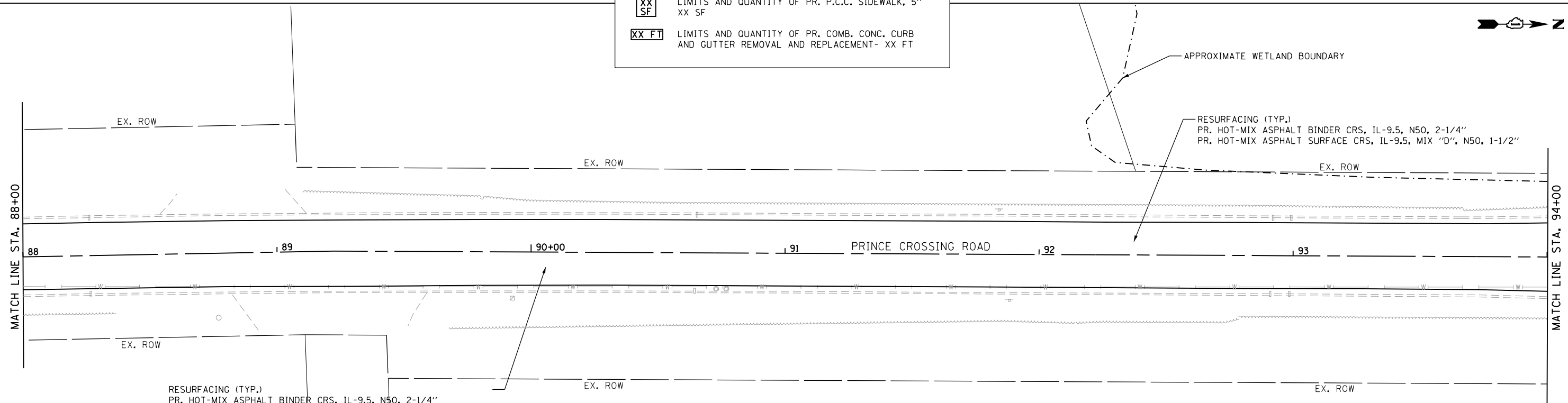
RESURFACING (TYP.)
 PR. HOT-MIX ASPHALT BINDER CRS, IL-9.5, N50, 2-1/4"
 PR. HOT-MIX ASPHALT SURFACE CRS, IL-9.5, MIX "D", N50, 1-1/2"

LEGEND

- PR. DETECTABLE WARNINGS
- FRAME AND LIDS TO BE ADJUSTED, (SPECIAL)
- LIMITS AND QUANTITY OF PR. P.C.C. SIDEWALK, 5" XX SF
- LIMITS AND QUANTITY OF PR. COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT- XX FT



HORIZONTAL SCALE IN FEET



RESURFACING (TYP.)
 PR. HOT-MIX ASPHALT BINDER CRS, IL-9.5, N50, 2-1/4"
 PR. HOT-MIX ASPHALT SURFACE CRS, IL-9.5, MIX "D", N50, 1-1/2"

RESURFACING (TYP.)
 PR. HOT-MIX ASPHALT BINDER CRS, IL-9.5, N50, 2-1/4"
 PR. HOT-MIX ASPHALT SURFACE CRS, IL-9.5, MIX "D", N50, 1-1/2"

APPROXIMATE WETLAND BOUNDARY



HORIZONTAL SCALE IN FEET

FILE NAME = 24 Prince Crossing_Roadway 07.dgn



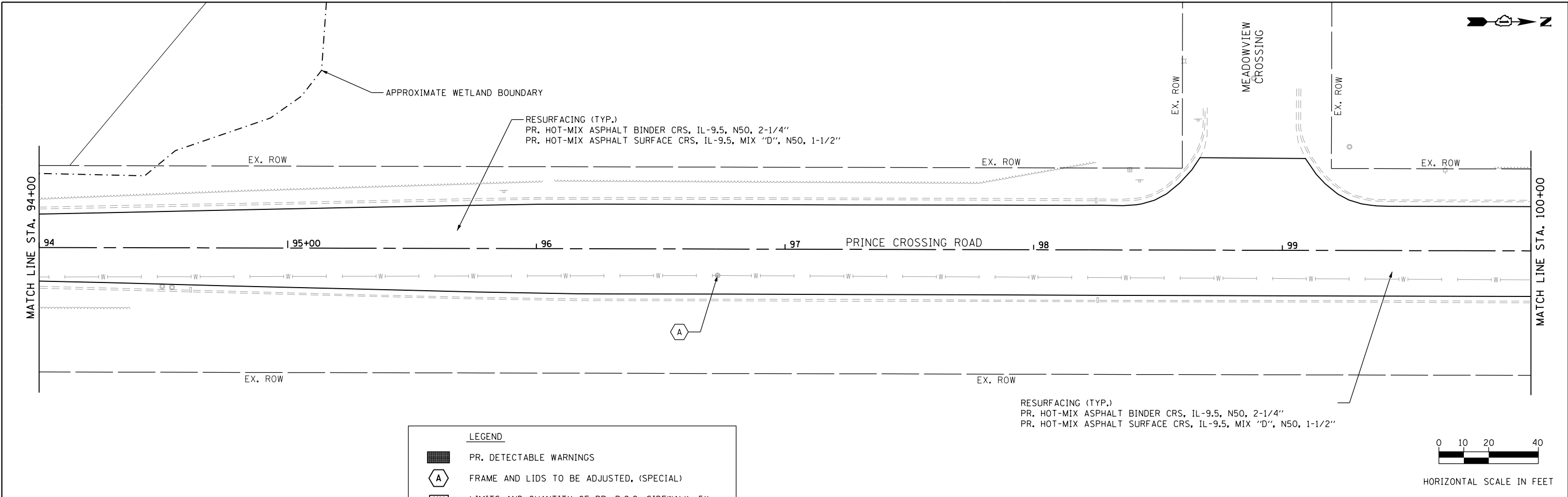
USER NAME = DonN	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
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ROADWAY PLANS

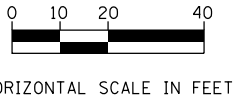
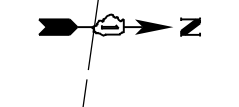
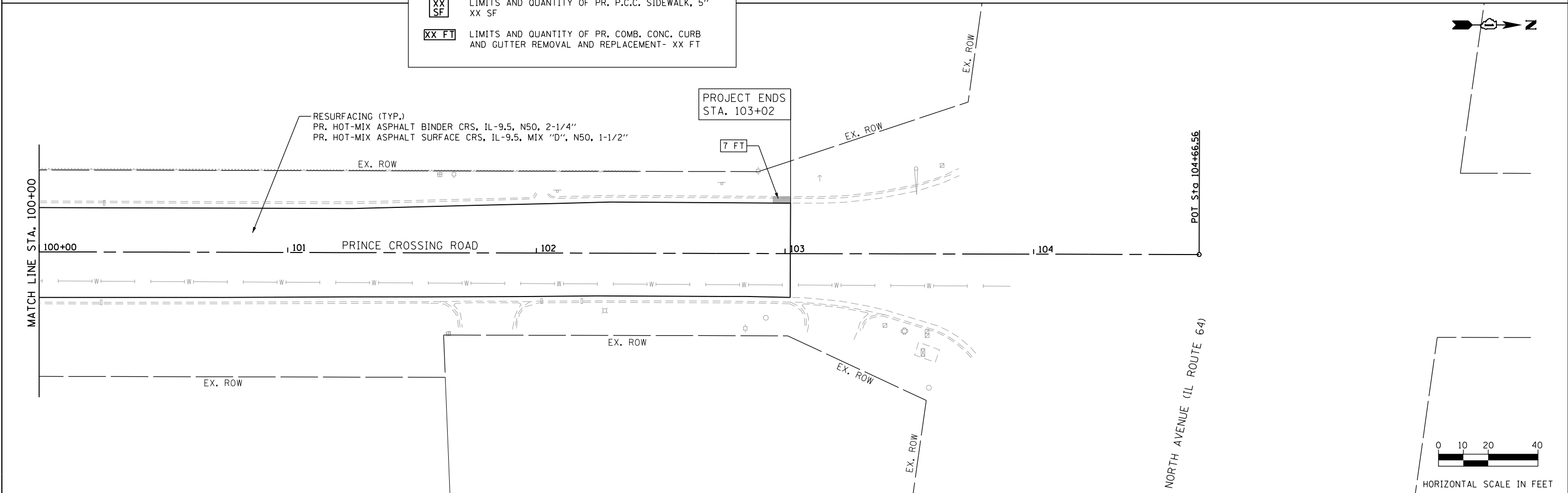
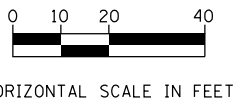
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	24
CONTRACT NO. 61G26			ILLINOIS FED. AID PROJECT	



LEGEND

	PR. DETECTABLE WARNINGS
	FRAME AND LIDS TO BE ADJUSTED, (SPECIAL)
	LIMITS AND QUANTITY OF PR. P.C.C. SIDEWALK, 5\"/>
	LIMITS AND QUANTITY OF PR. COMB. CONC. CURB AND GUTTER REMOVAL AND REPLACEMENT- XX FT



FILE NAME = 25 Prince Crossing_Roadway 08.dgn



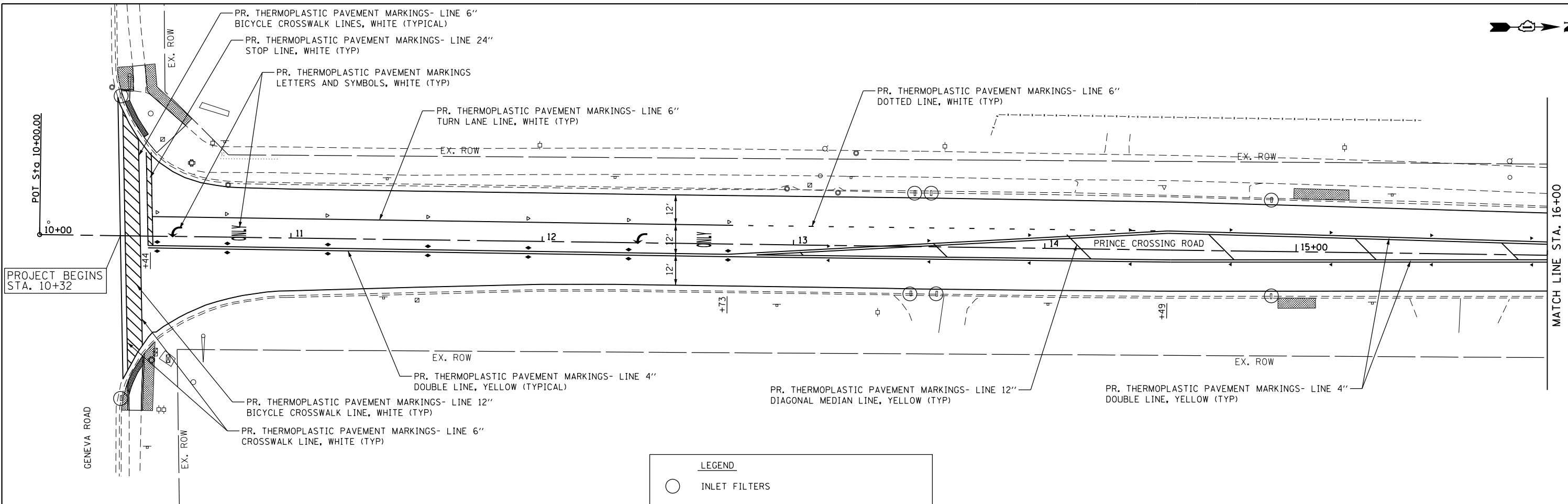
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS

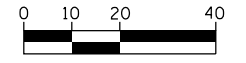
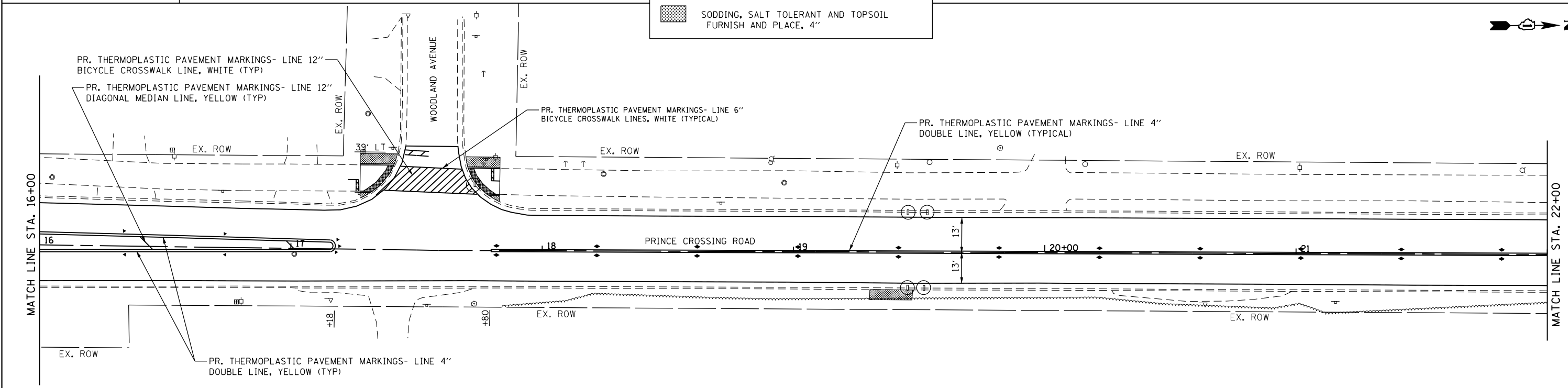
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	25
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



LEGEND

- INLET FILTERS
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"



HORIZONTAL SCALE IN FEET

FILE NAME = 26-Prince Crossing_PM_Land 01.dgn



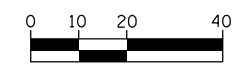
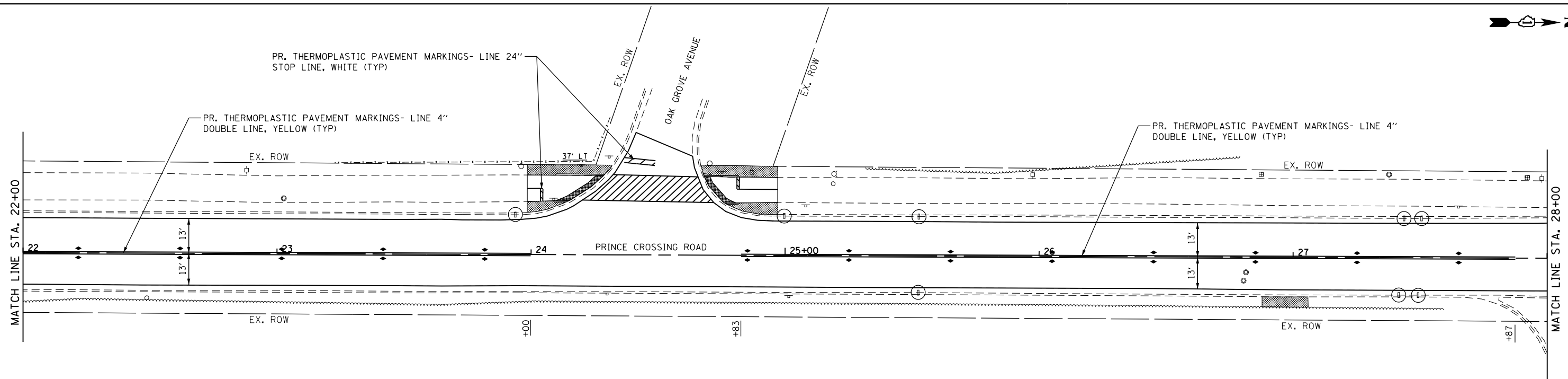
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, EROSION CONTROL
AND LANDSCAPING PLANS**



SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

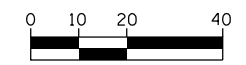
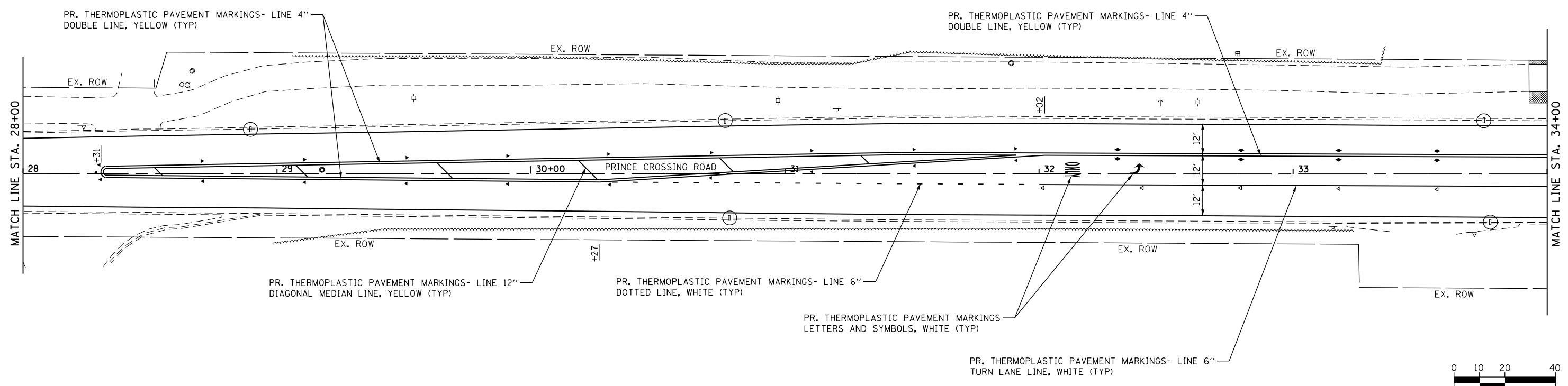
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	26
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



HORIZONTAL SCALE IN FEET

LEGEND

-  INLET FILTERS
-  SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"



HORIZONTAL SCALE IN FEET

FILE NAME = 27 Prince Crossing.PN_Land 02.dgn



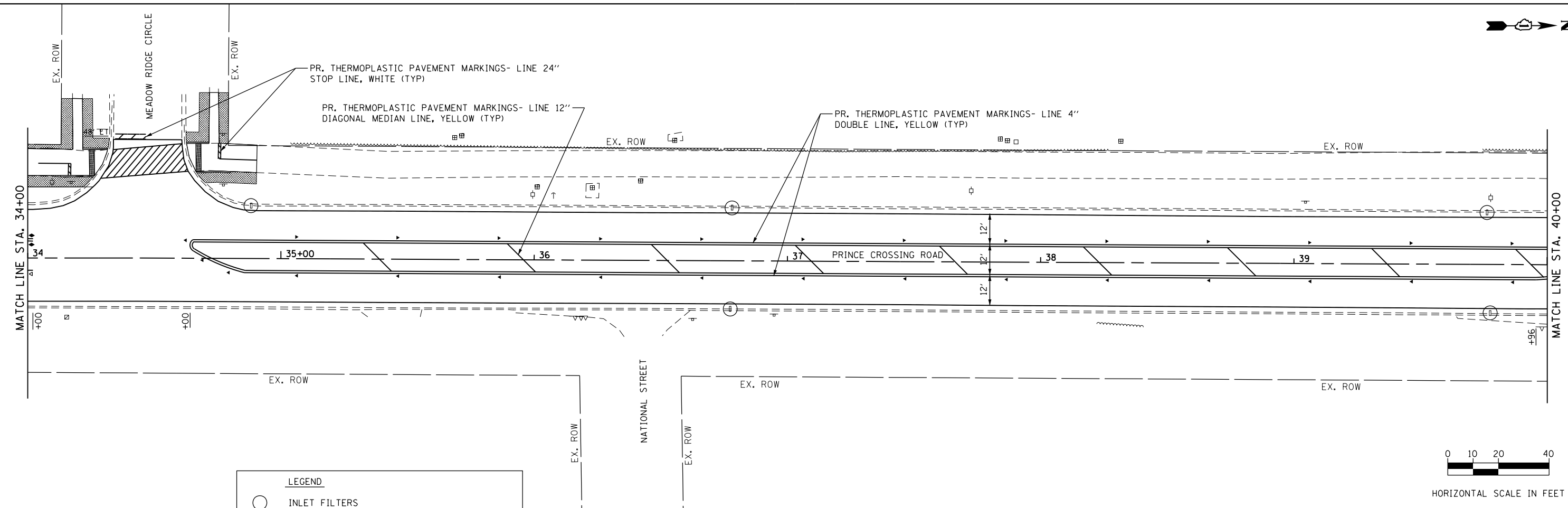
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, EROSION CONTROL
AND LANDSCAPING PLANS**

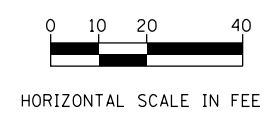
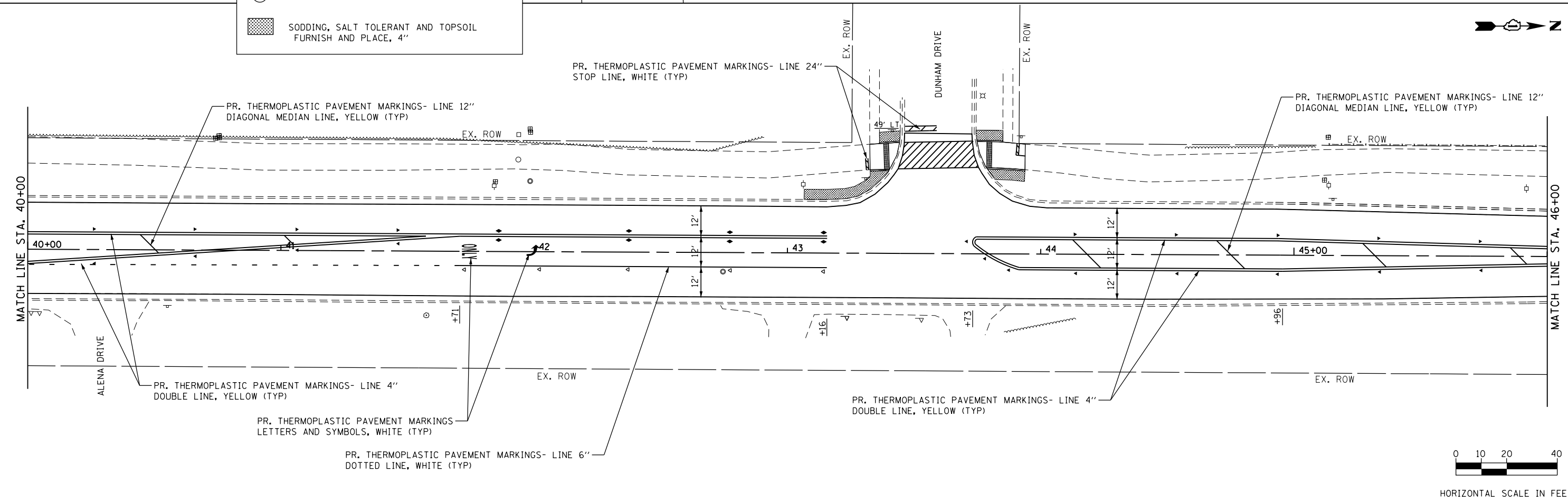
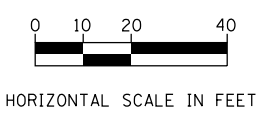
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	27
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

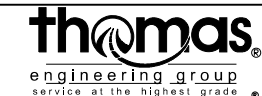


LEGEND

- INLET FILTERS
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"



FILE NAME = 28-Prince Crossing.PN_Land 03.dgn



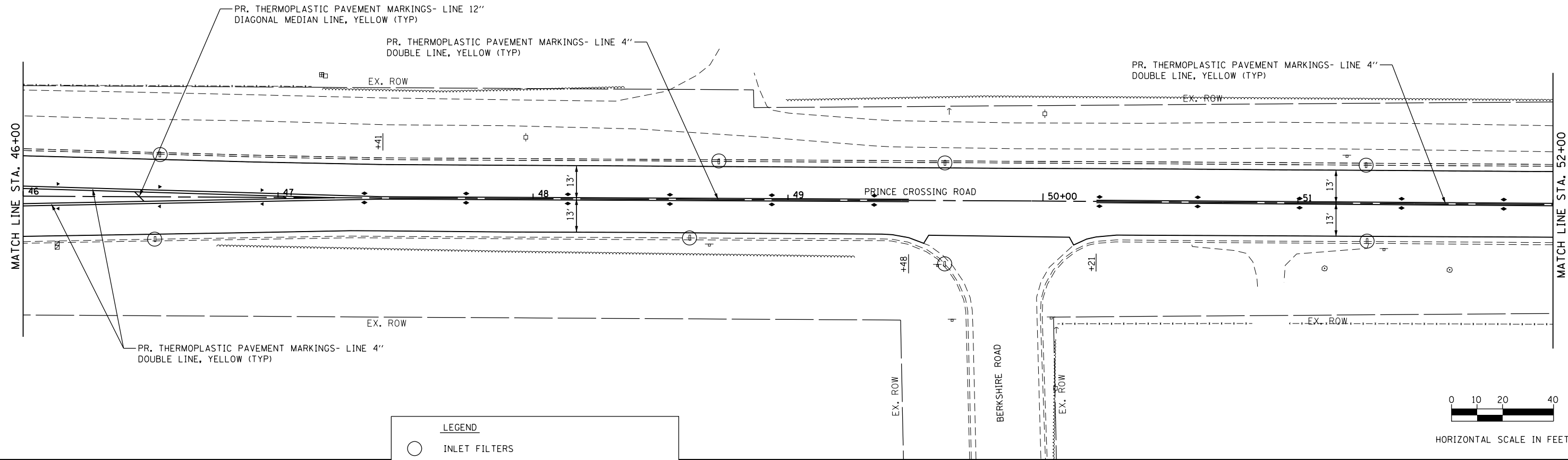
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**PAVEMENT MARKING, EROSION CONTROL
AND LANDSCAPING PLANS**

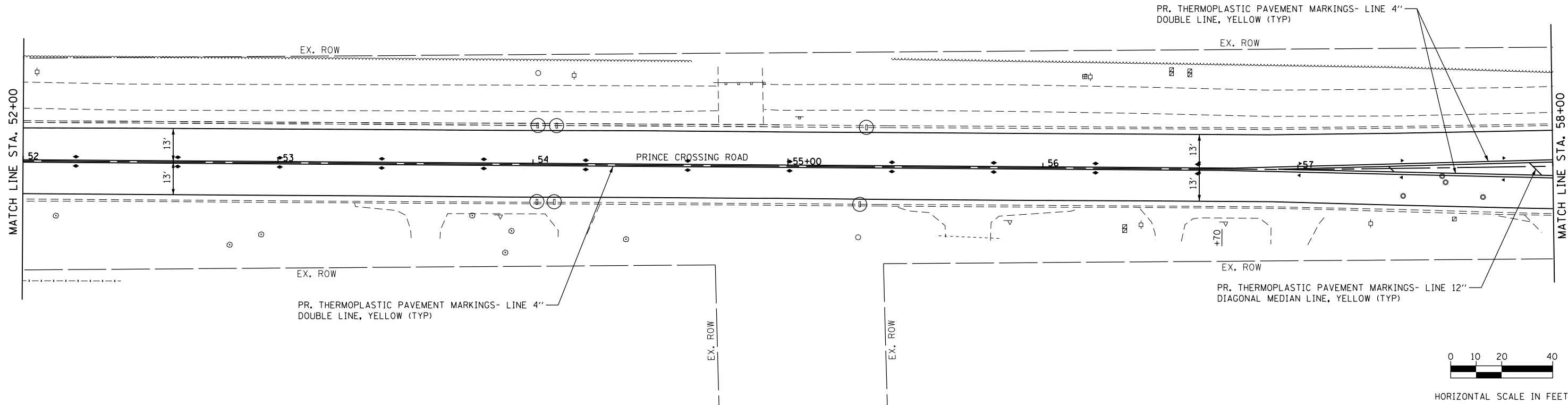
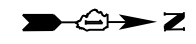
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	28
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



LEGEND

-  INLET FILTERS
-  SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"



FILE NAME = 29 Prince Crossing.PH_Land 04.dgn



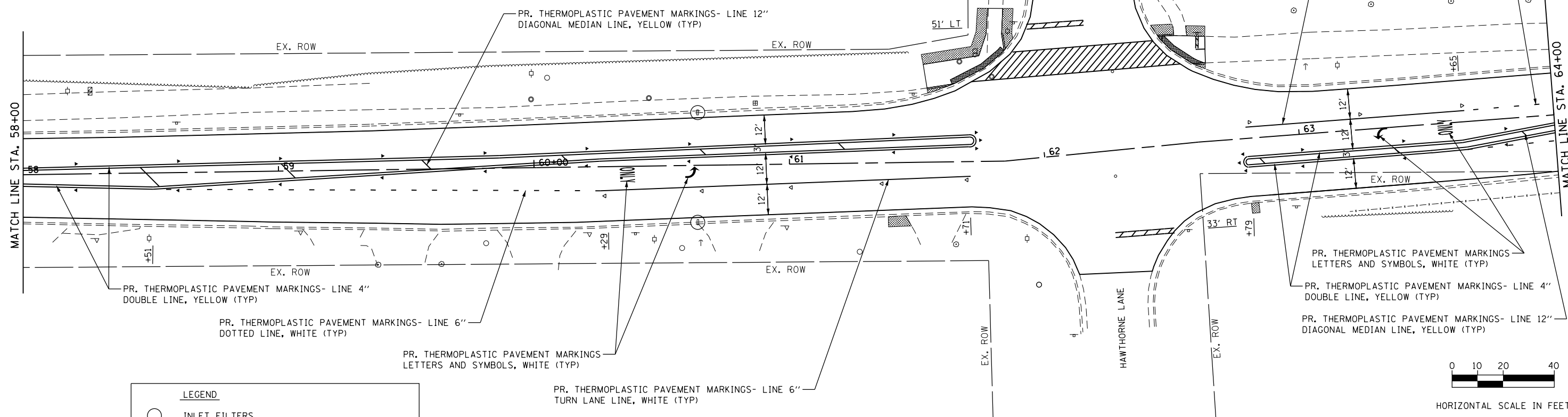
USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, EROSION CONTROL
AND LANDSCAPING PLANS**

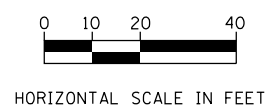
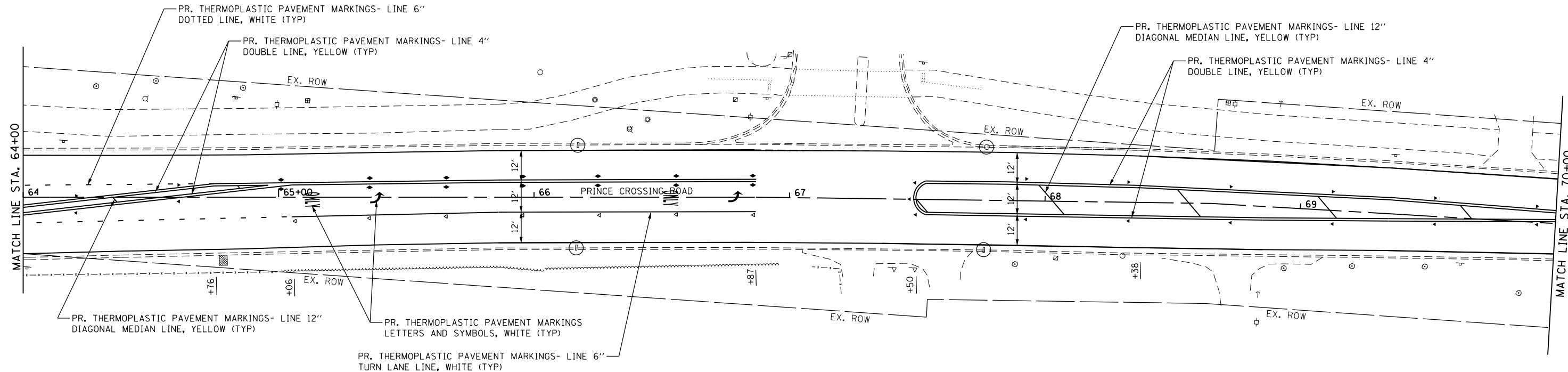
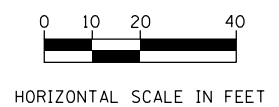
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	29
				CONTRACT NO. 61G26
ILLINOIS FED. AID PROJECT				



LEGEND

- INLET FILTERS
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"



FILE NAME = 30-Prince Crossing_Plan_Land 05.dgn

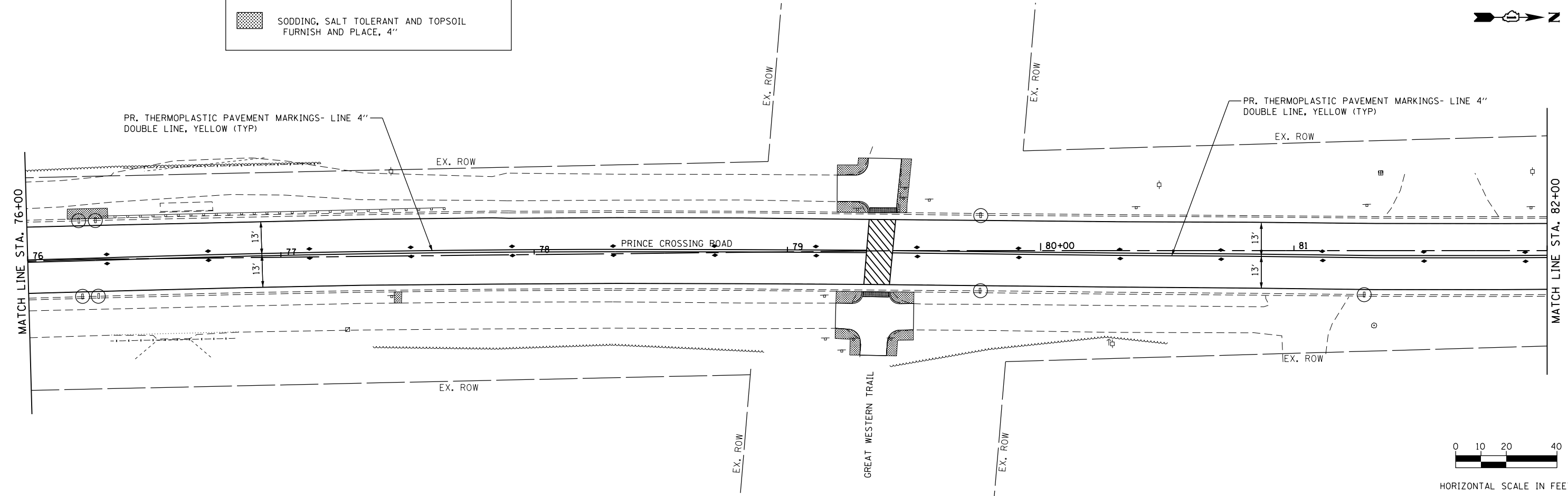
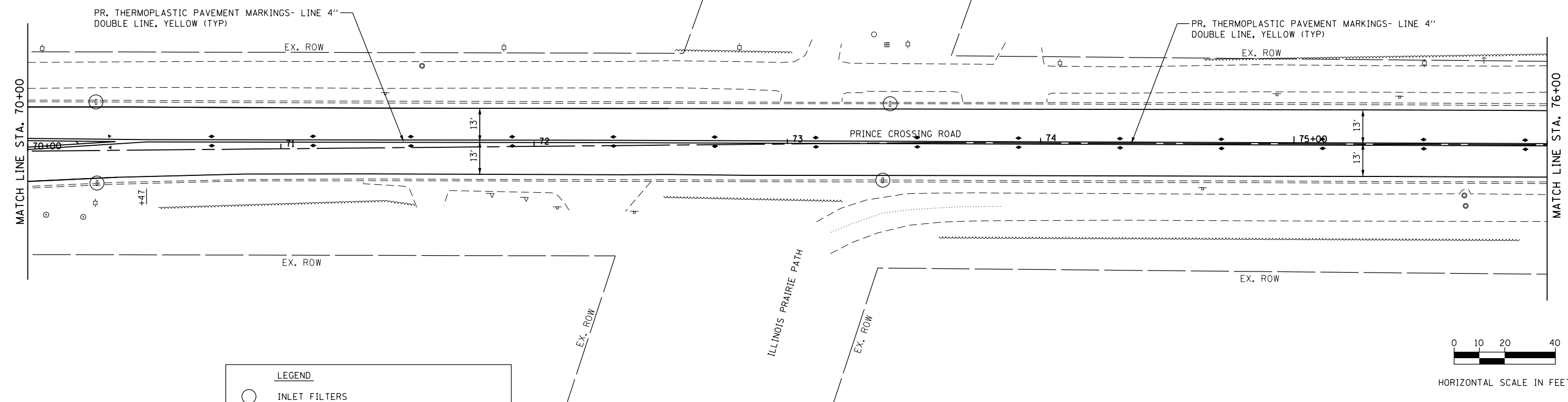
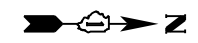


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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING, EROSION CONTROL AND LANDSCAPING PLANS			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	30
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



FILE NAME = 31 Prince Crossing-PM_Land 06.dgn

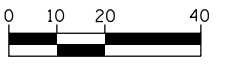
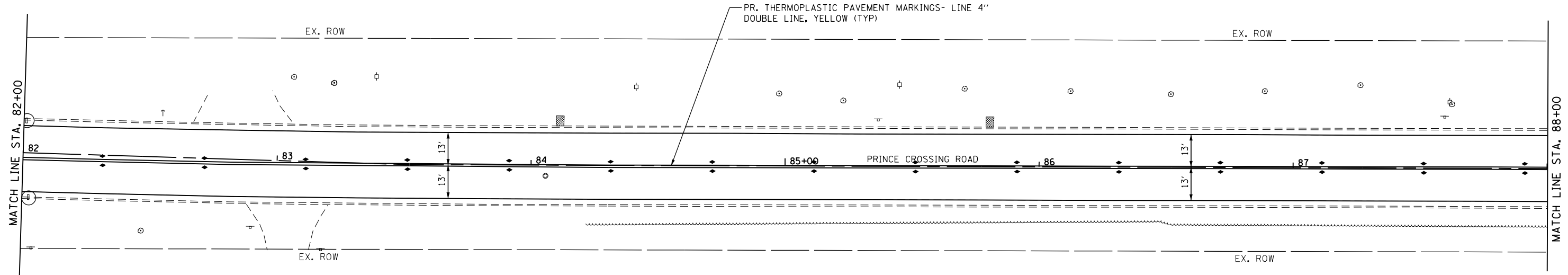


USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING, EROSION CONTROL AND LANDSCAPING PLANS			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

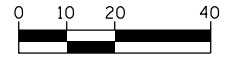
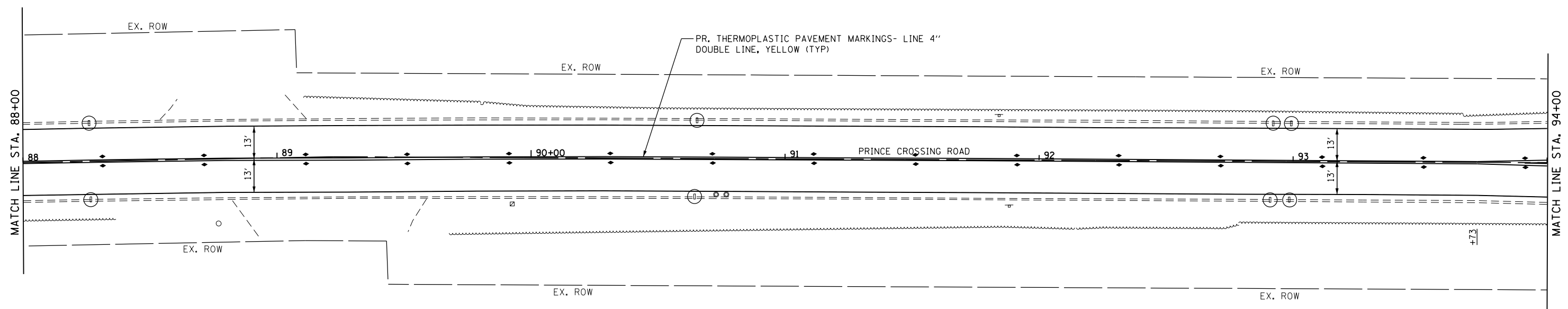
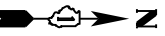
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	31
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



HORIZONTAL SCALE IN FEET

LEGEND

- INLET FILTERS
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"



HORIZONTAL SCALE IN FEET

FILE NAME = 32-Prince Crossing_PM_Land 07.dgn



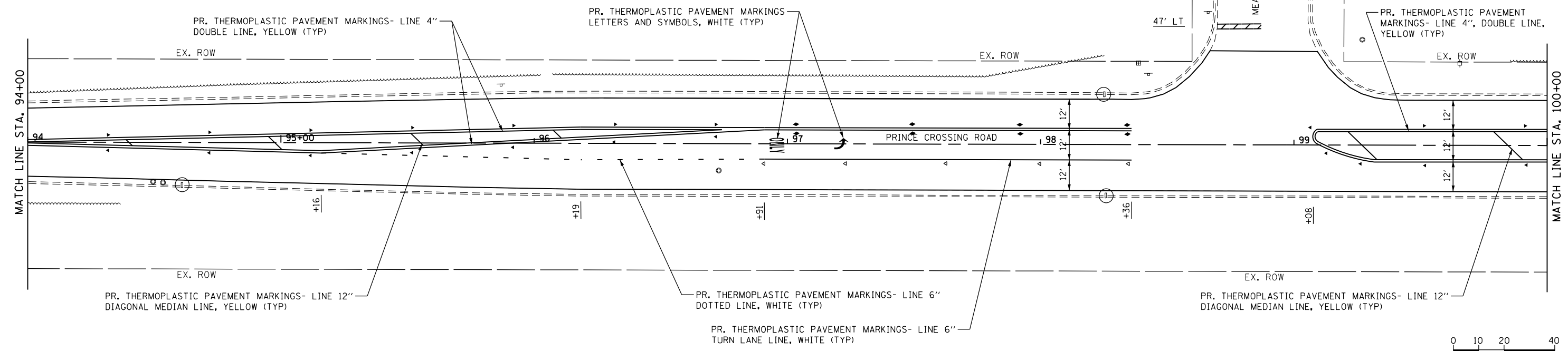
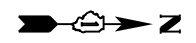
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, EROSION CONTROL
AND LANDSCAPING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

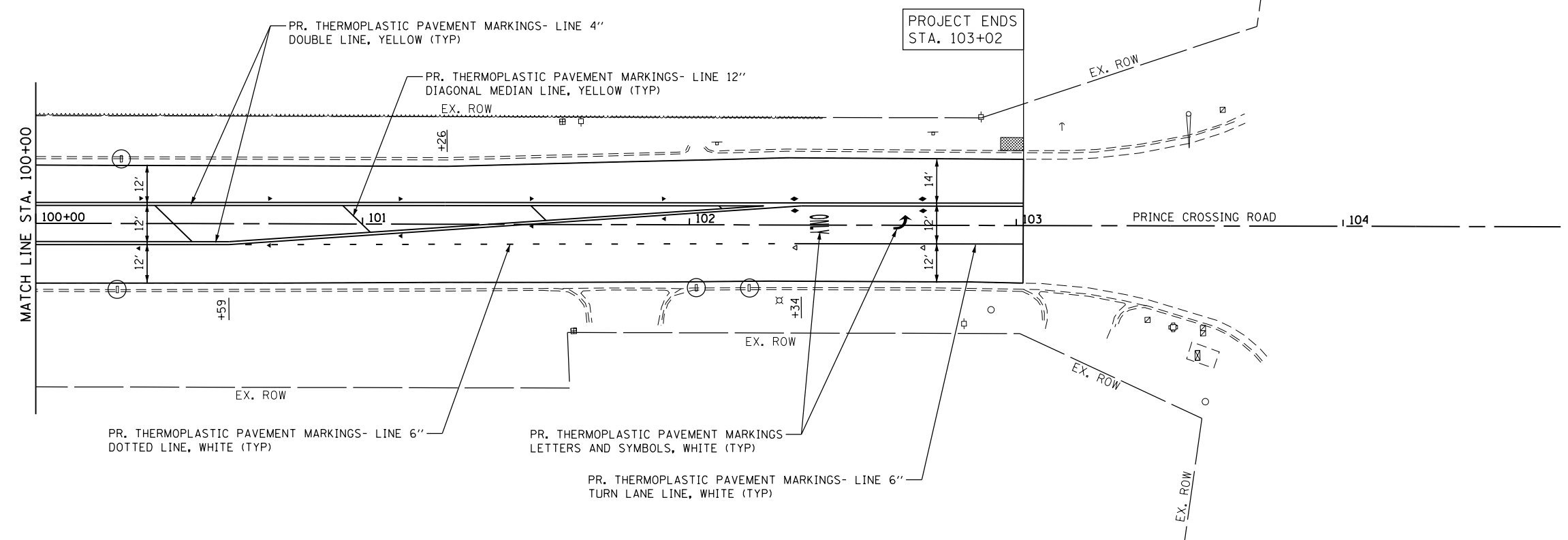
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	32
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				



HORIZONTAL SCALE IN FEET

LEGEND

- INLET FILTERS
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"



HORIZONTAL SCALE IN FEET

FILE NAME = 33-Prince Crossing-PM-Land 08.dgn



USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

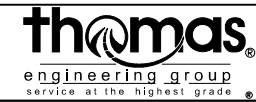
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING, EROSION CONTROL
AND LANDSCAPING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	33
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				

FILE NAME = 34-Prince Crossing_Sidewalks.dwg



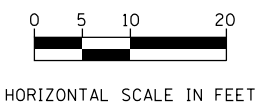
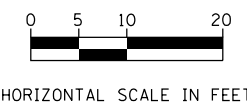
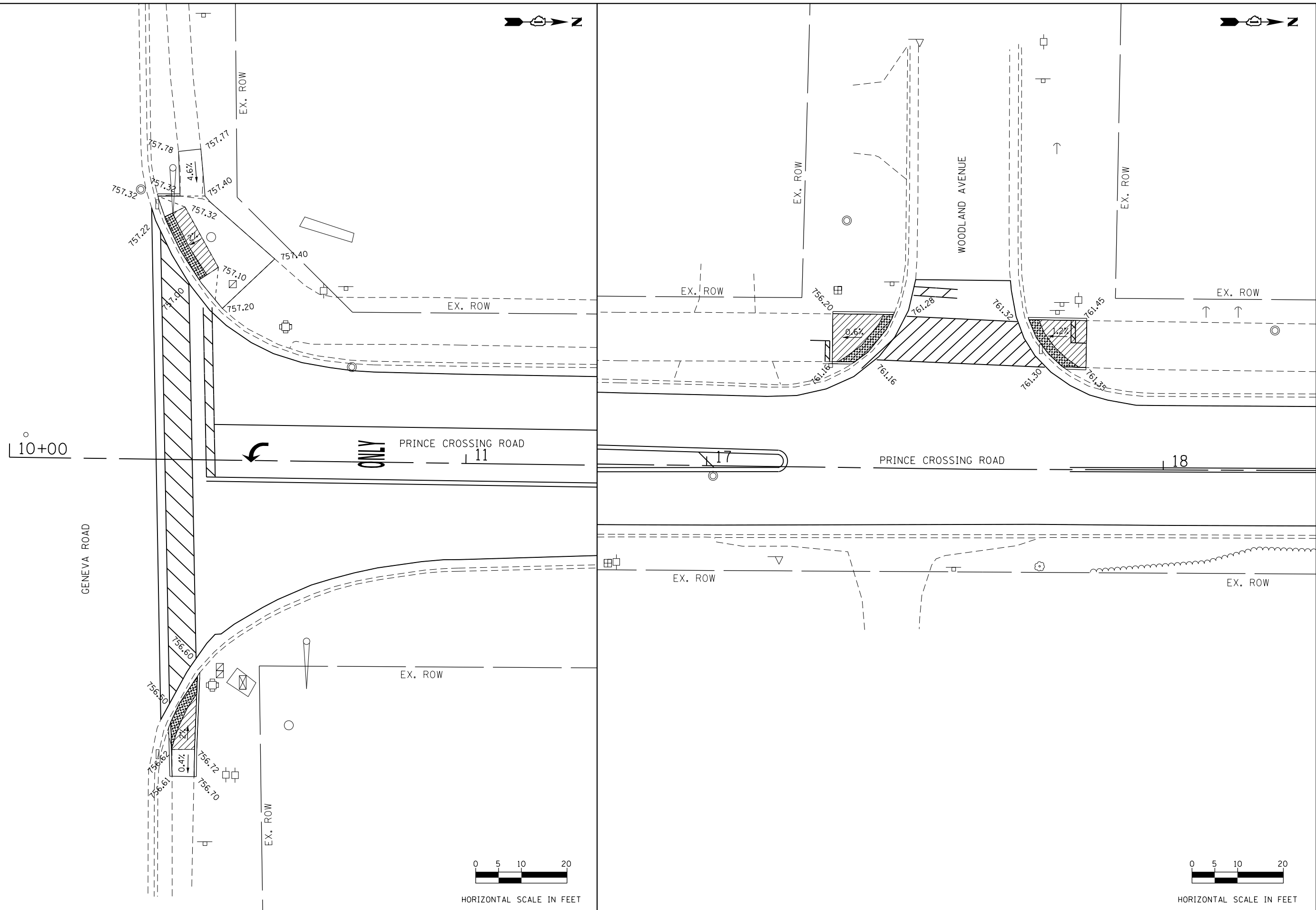
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PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

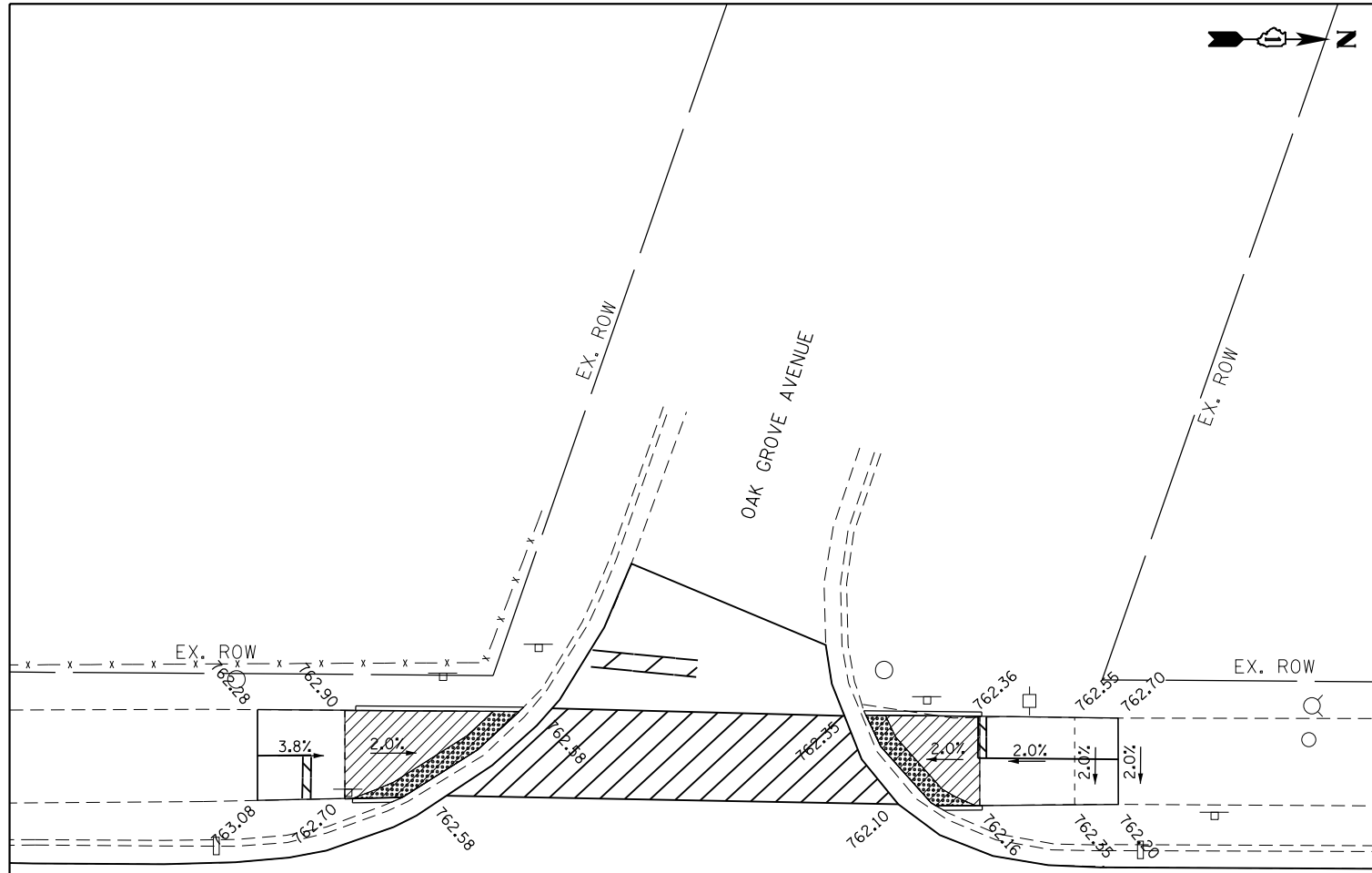
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK PLANS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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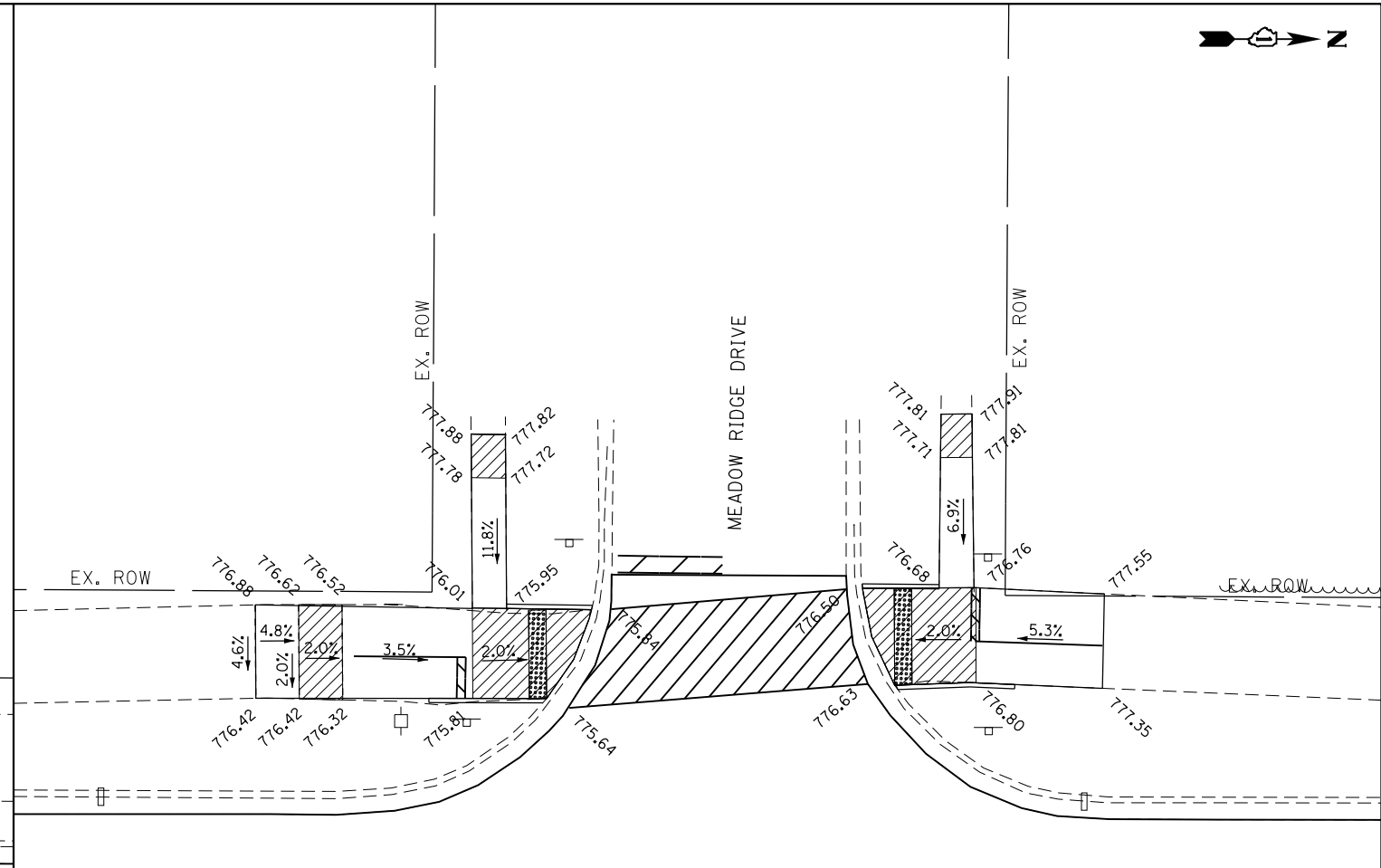
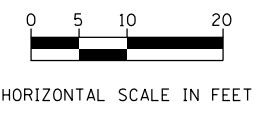
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	34
CONTRACT NO. 61G26				
ILLINOIS FED. AID PROJECT				





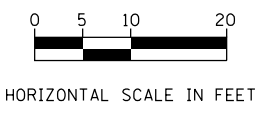
24 PRINCE CROSSING ROAD 25+00

EX. ROW



34 PRINCE CROSSING ROAD 35+00

EX. ROW



FILE NAME = 35 Prince Crossing_Sidewalks.dwg



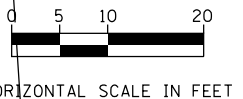
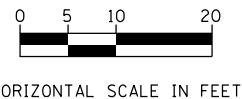
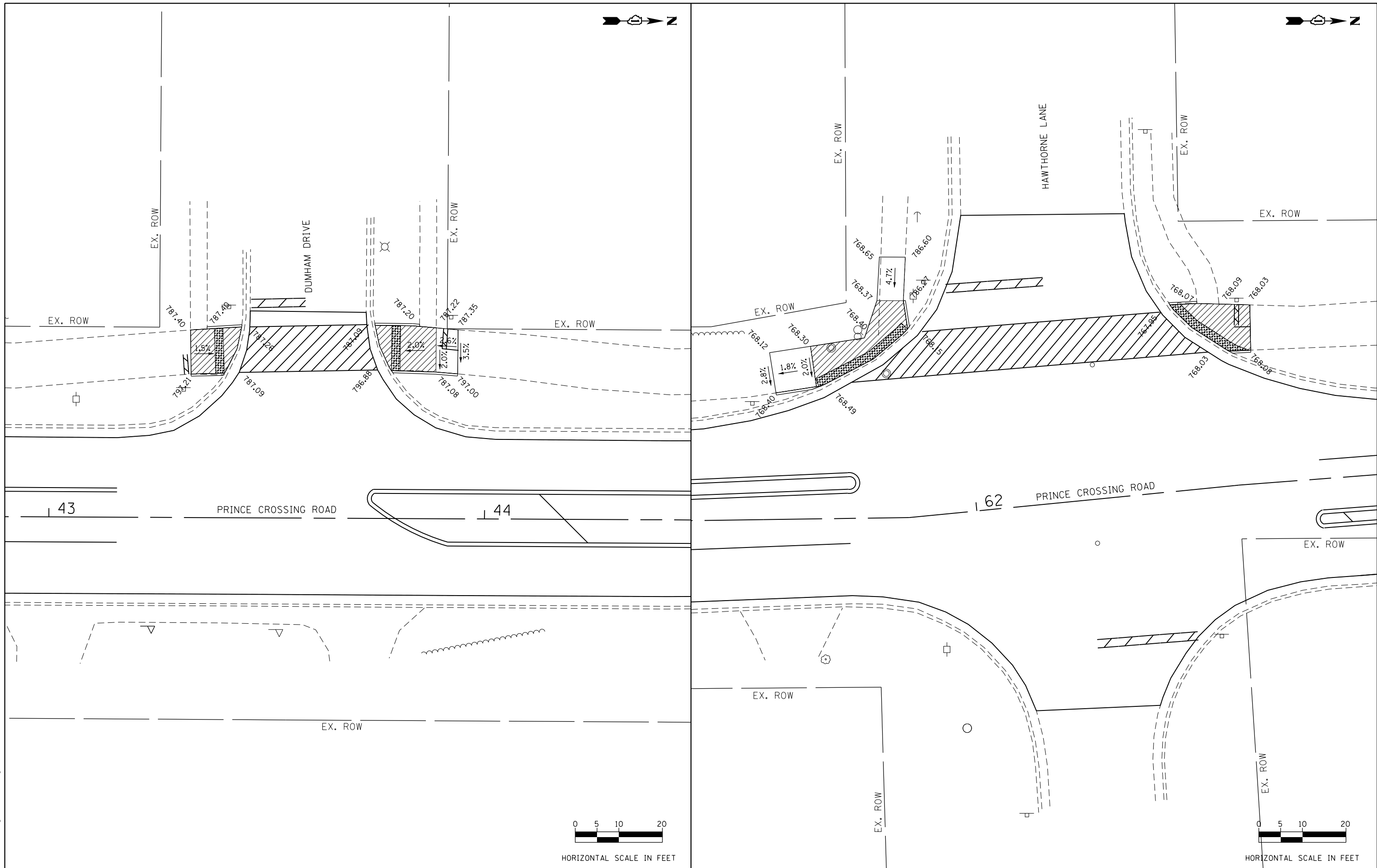
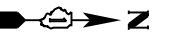
USER NAME = DonN	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/4/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	35
CONTRACT NO. 61C26				
ILLINOIS FED. AID PROJECT				



FILE NAME = 36-Prince Crossing-Sidewalks.dwg



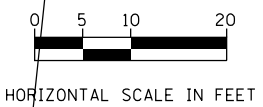
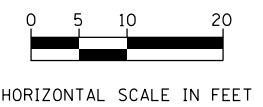
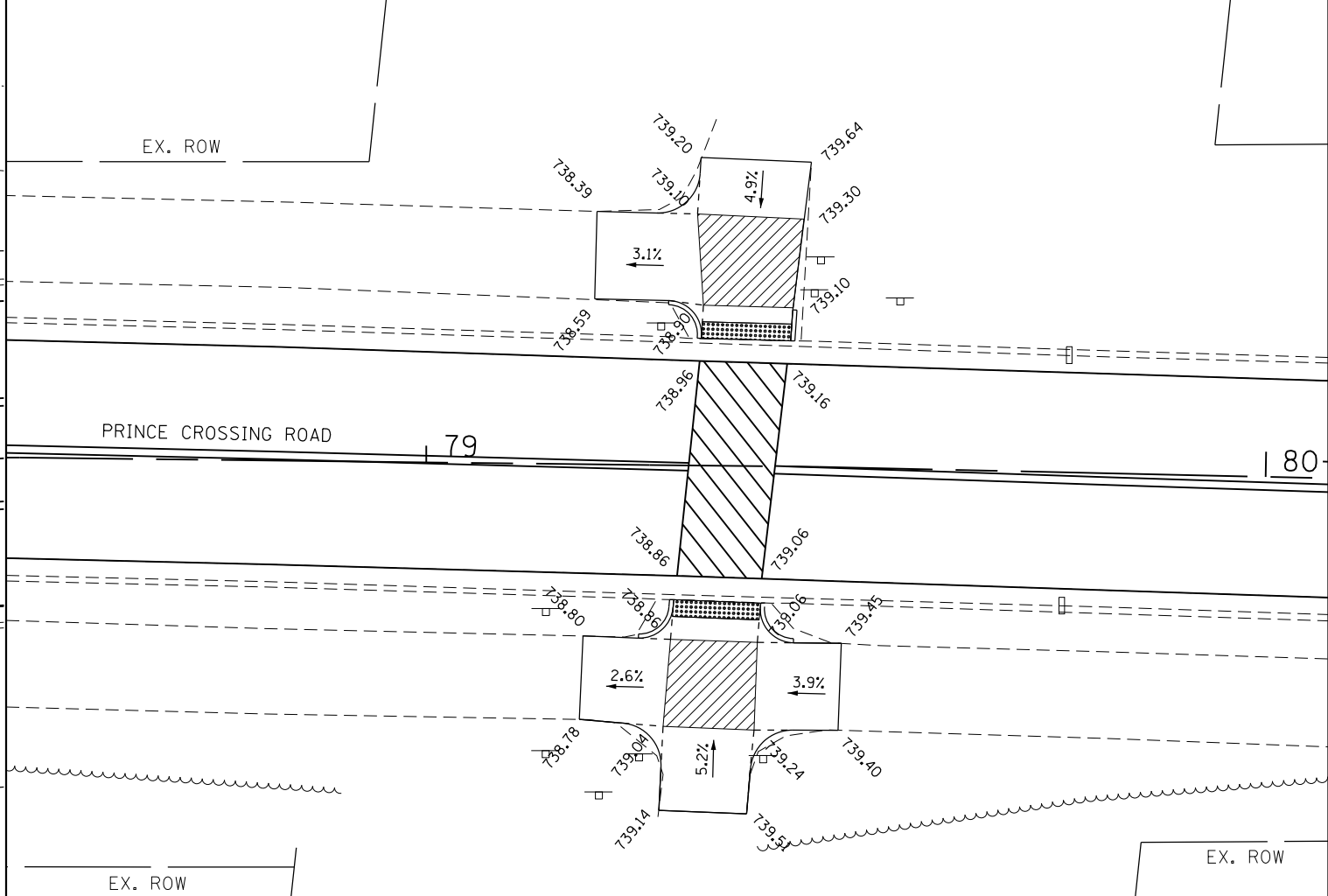
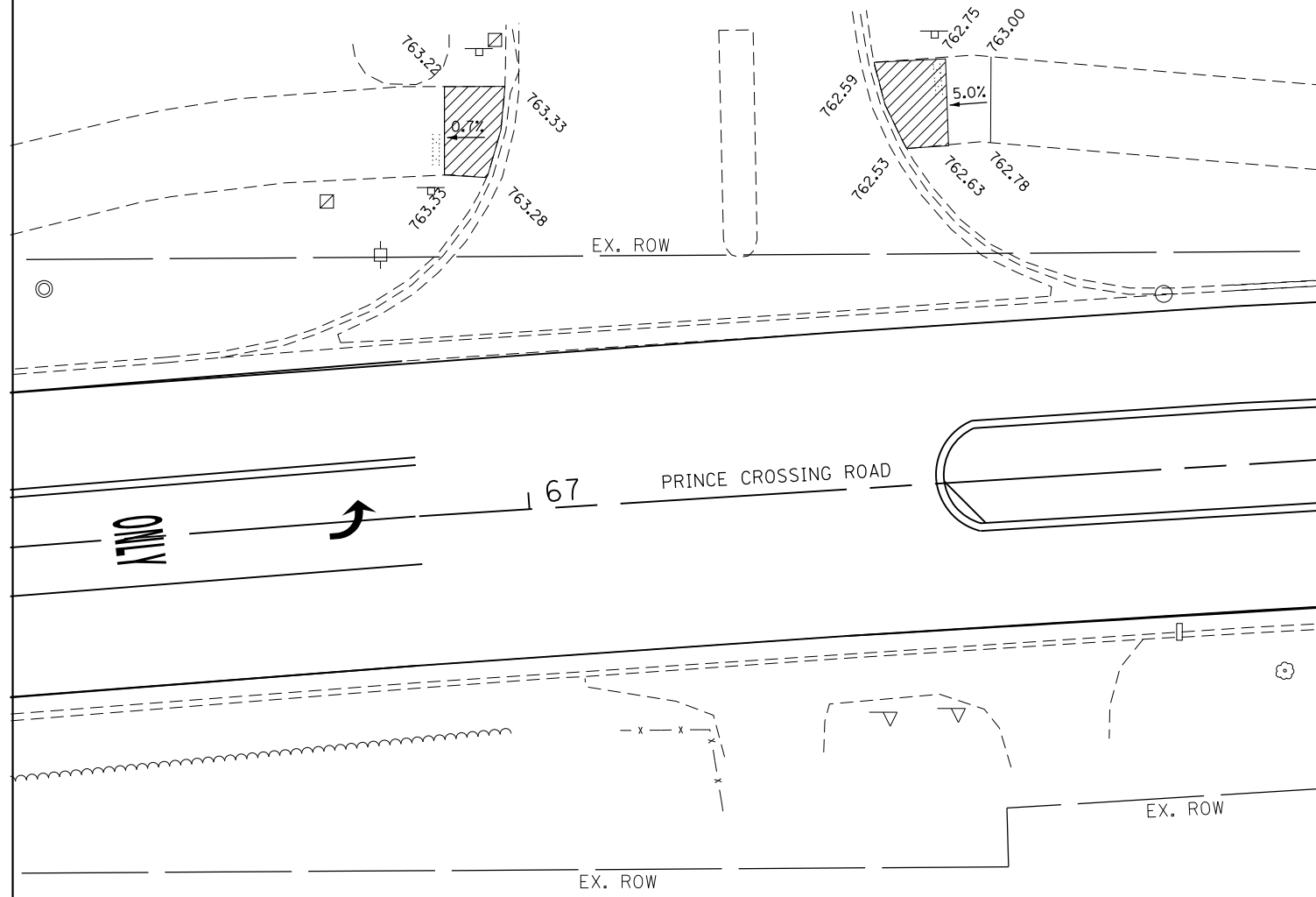
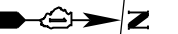
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	DRAWN -	REVISED -
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PLOT DATE = 11/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

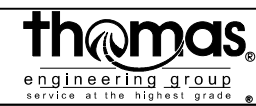
SIDEWALK PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2536	SECTION 19-00083-00-RS	COUNTY DUPAGE	TOTAL SHEETS 51	SHEET NO. 36
CONTRACT NO. 61C26				
ILLINOIS FED. AID PROJECT				



FILE NAME = 37-Prince Crossing_Sidewalks.dgn



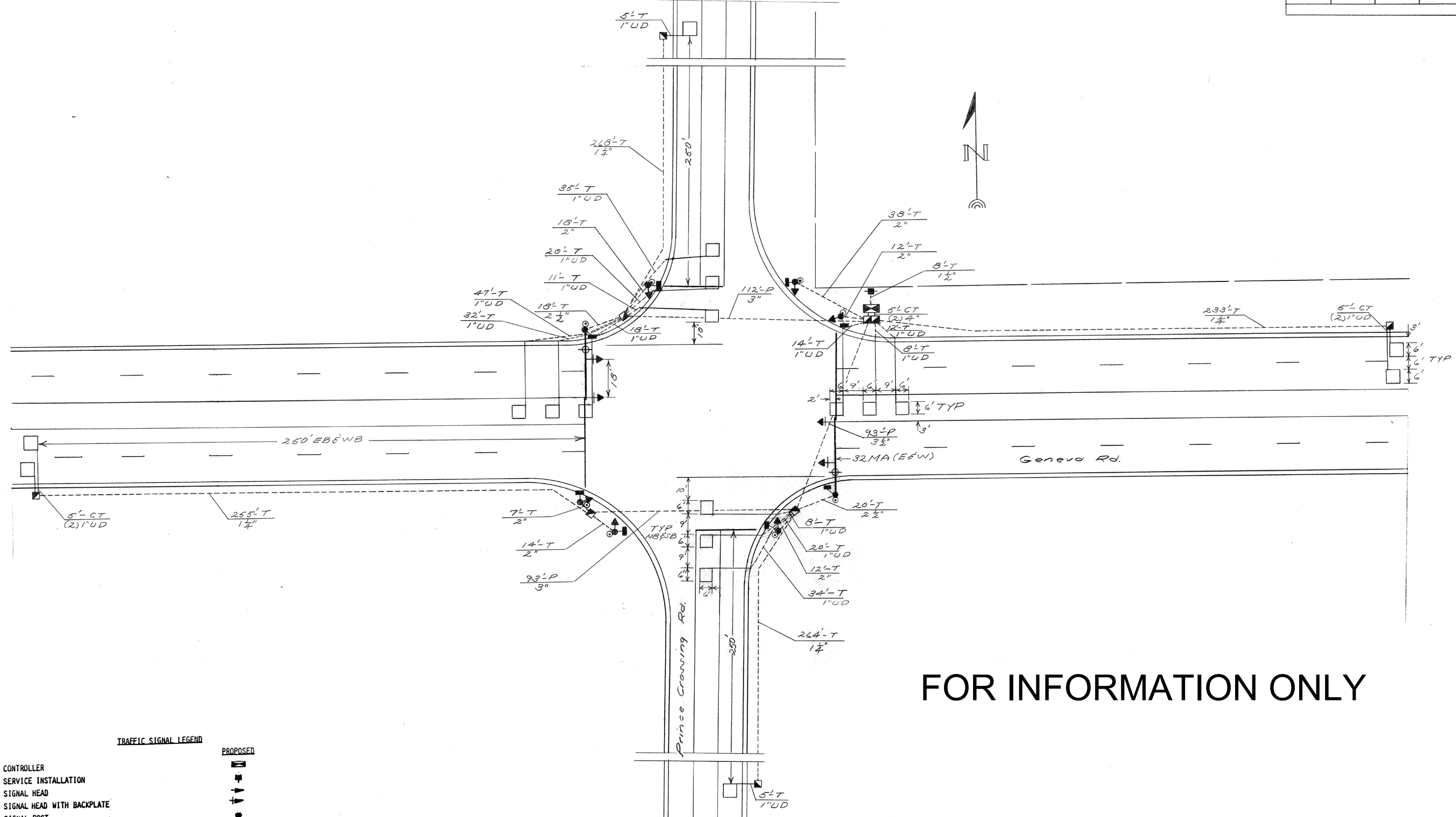
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	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/4/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	37
CONTRACT NO. 61C26				
ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

TRAFFIC SIGNAL LEGEND

CONTROLLER	
SERVICE INSTALLATION	
SIGNAL HEAD	
SIGNAL HEAD WITH BACKPLATE	
SIGNAL POST	
MAST ARM ASSEMBLY AND POLE, STEEL	
HANDHOLE	
HEAVY DUTY HANDHOLE	
DOUBLE HANDHOLE	
G.S. CONDUIT IN TRENCH OR PUSHED	
DETECTOR LOOP	
COMMON TRENCH	
SIGNAL HEAD, PEDESTRIAN	
PEDESTRIAN PUSHBUTTON DETECTOR	

DUPAGE COUNTY D. O. T.	
TRAFFIC CONTROL SIGNALS	
GENEVA ROAD & PRINCE CROSSING ROAD	
GENERAL PLAN	

FILE NAME = 38 Geneva Rd Detector Loops 01.dgn



USER NAME = DonN	DESIGNED -	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

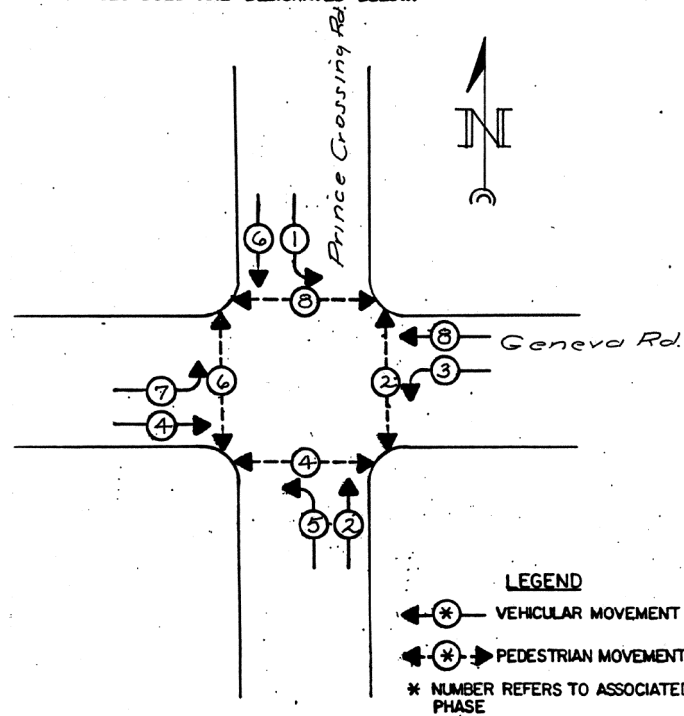
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRINCE CROSSING ROAD AT GENEVA ROAD
DETECTOR LOOP PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	38
CONTRACT NO. 61C26				
ILLINOIS FED. AID PROJECT				

CONTROLLER SEQUENCE IV
 REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



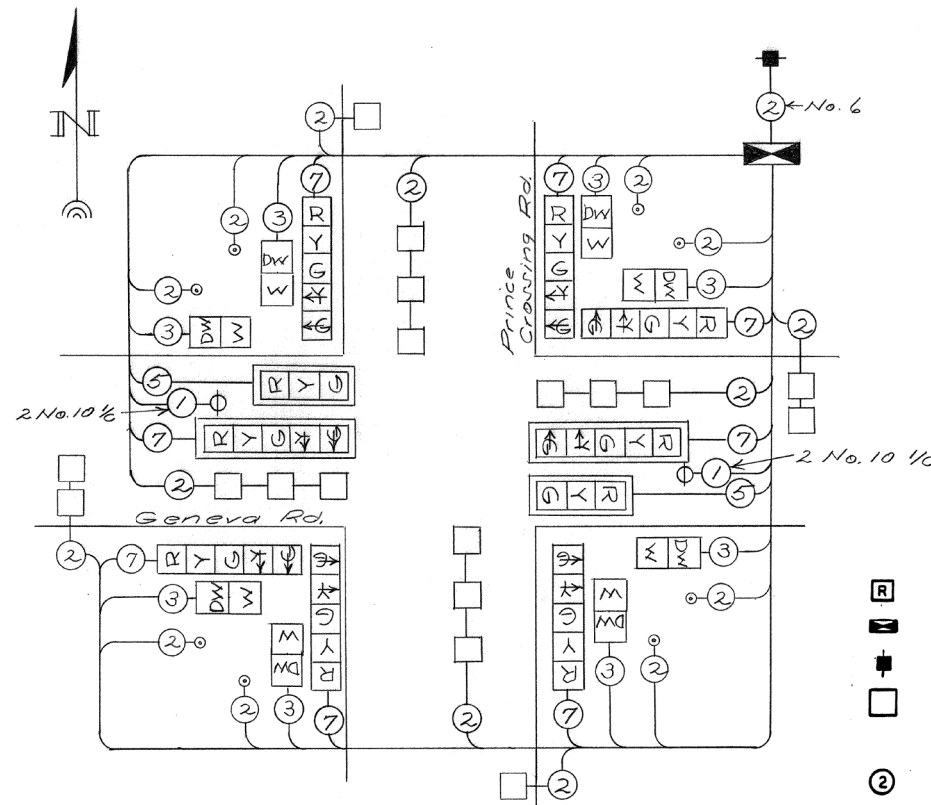
PHASE DESIGNATION DIAGRAM

GENERAL NOTES

- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTOR AMPLIFIER MANUFACTURERS RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF SAW CUT BEYOND THE SPLICE AS SPECIFIED IN SECTION T 418.04 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- LEAD-IN WIRING SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURERS RECOMMENDATIONS. THE 2/C SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER AS SPECIFIED IN SECTION T 421.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE WILL NOT BE PERMITTED.
- ALL SIGNAL AND DETECTOR ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE CABLE MAY HAVE AN XLP JACKET.
- THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS, INSPECTION OPENINGS AND CONCRETE JUNCTION BOXES SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM.
- ALL SIGNAL POST AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWING. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHOULD BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF THE SHOULDER.
- THE RESIDENT ENGINEER SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS. CONTACT THE DUPAGE COUNTY TRAFFIC SIGNAL ENGINEER AT 665-1155 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF LOOPS.
- THE CONTRACTOR SHALL INFORM THE COUNTY TRAFFIC SIGNAL ENGINEER AT 665-1155 AND THE COUNTY MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM 72 HOUR ADVANCE NOTICE IS REQUIRED.

SCHEDULE OF QUANTITIES

2	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
6	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
8	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
4	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED
6	EACH	TRAFFIC SIGNAL POST, FERROUS 16'
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT. 10 FT. LUMINAIRE MAST ARM, 35 FT. MOUNTING HEIGHT
1	EACH	FULL-ACTUATED CONTROLLER, STANDARD SEQUENCE IV, 8 PHASES, IN TYPE IV CABINET
8	EACH	INDUCTION LOOP DETECTOR AMPLIFIER
769	LIN.FT.	DETECTOR LOOP TYPE 1
8	EACH	PEDESTRIAN PUSHBUTTON
1,020	LIN.FT.	GALVANIZED STEEL CONDUIT IN TRENCH 1-1/4"
8	LIN.FT.	GALVANIZED STEEL CONDUIT IN TRENCH 1-1/2"
101	LIN.FT.	GALVANIZED STEEL CONDUIT IN TRENCH 2"
38	LIN.FT.	GALVANIZED STEEL CONDUIT IN TRENCH 2-1/2"
10	LIN.FT.	GALVANIZED STEEL CONDUIT IN TRENCH 4"
205	LIN.FT.	GALVANIZED STEEL CONDUIT, PUSHED 3"
93	LIN.FT.	GALVANIZED STEEL CONDUIT, PUSHED 3-1/2"
289	LIN.FT.	UNIT DUCT, WITHOUT CABLE IN TRENCH 1"
9	LIN.FT.	ELECTRIC CABLE IN CONDUIT NO. 6 2/C
638	LIN.FT.	ELECTRIC CABLE IN CONDUIT NO.10 1/C
1,261	LIN.FT.	ELECTRIC CABLE IN CONDUIT NO.14 2/C
1,261	LIN.FT.	ELECTRIC CABLE IN CONDUIT NO.14 3/C
331	LIN.FT.	ELECTRIC CABLE IN CONDUIT NO.14 5/C
1,074	LIN.FT.	ELECTRIC CABLE IN CONDUIT NO.14 7/C
1,418	LIN.FT.	ELECTRIC CABLE IN CONDUIT NO.14 2/C TWISTED, SHIELDED
1	EACH	SERVICE INSTALLATION, TYPE C
18	LIN.FT.	CONCRETE FOUNDATION, TYPE A
3.5	LIN.FT.	CONCRETE FOUNDATION, TYPE D
30	LIN.FT.	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
5	EACH	CONCRETE HANDHOLE
1	EACH	CONCRETE DOUBLE HANDHOLE
1,451	LIN.FT.	TRENCH AND BACKFILL
1	EACH	REMOVE EXISTING FLASHING BEACON INSTALLATION
2	EACH	LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 310 WATT TYPE 4-400A CUTOFF



CABLE PLAN

- CABLE PLAN LEGEND**
- 12" TRAFFIC SIGNAL SECTION
 - CONTROLLER CABINET
 - SERVICE INSTALLATION
 - VEHICLE DETECTOR, INDUCTION LOOP
 - 2 DENOTES NUMBER OF CONDUCTORS (NEW)
 - ALL LOOP DETECTOR CABLE TO BE SHIELDED, ALL CABLE NO. 14 EXCEPT AS INDICATED.
 - SIGNAL FACE WITH BACKPLATE

FOR INFORMATION ONLY

DUPAGE COUNTY D. O. T.
TRAFFIC CONTROL SIGNALS

GENEVA ROAD & PRINCE CROSSING ROAD
 CABLE PLAN
 SCHEDULE OF QUANTITIES
 PHASE DESIGNATION DIAGRAM

FILE NAME = 39 Geneva Rd Detector Loops 02.dgn



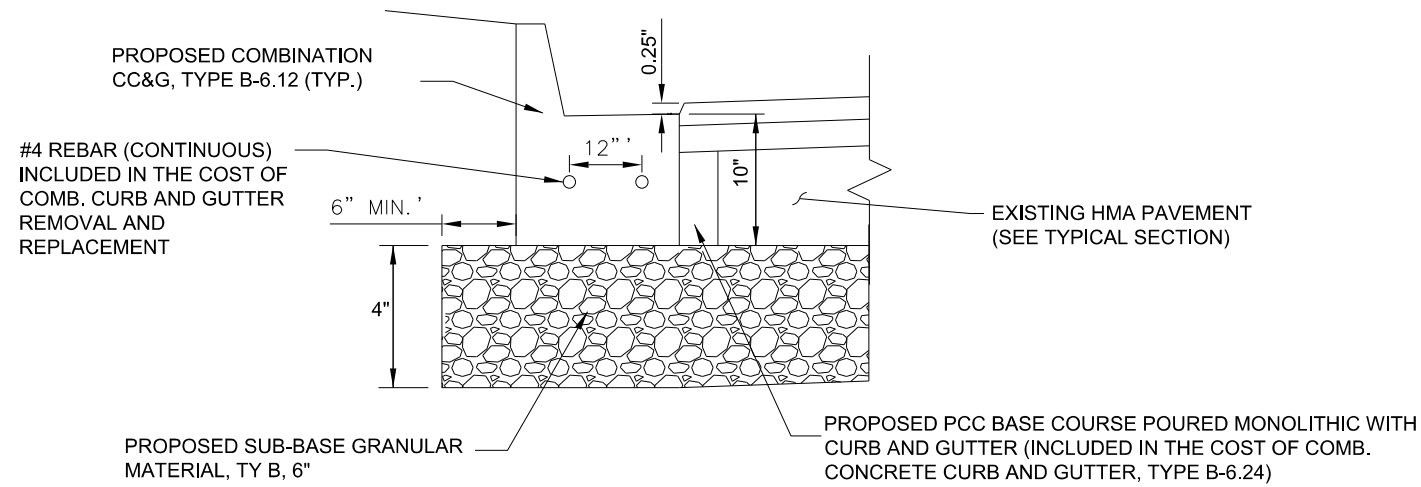
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 11/4/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRINCE CROSSING ROAD AT GENEVA ROAD
DETECTOR LOOP PLANS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DUPAGE	51	39
CONTRACT NO. 61C26			ILLINOIS FED. AID PROJECT	



DETAIL A: COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

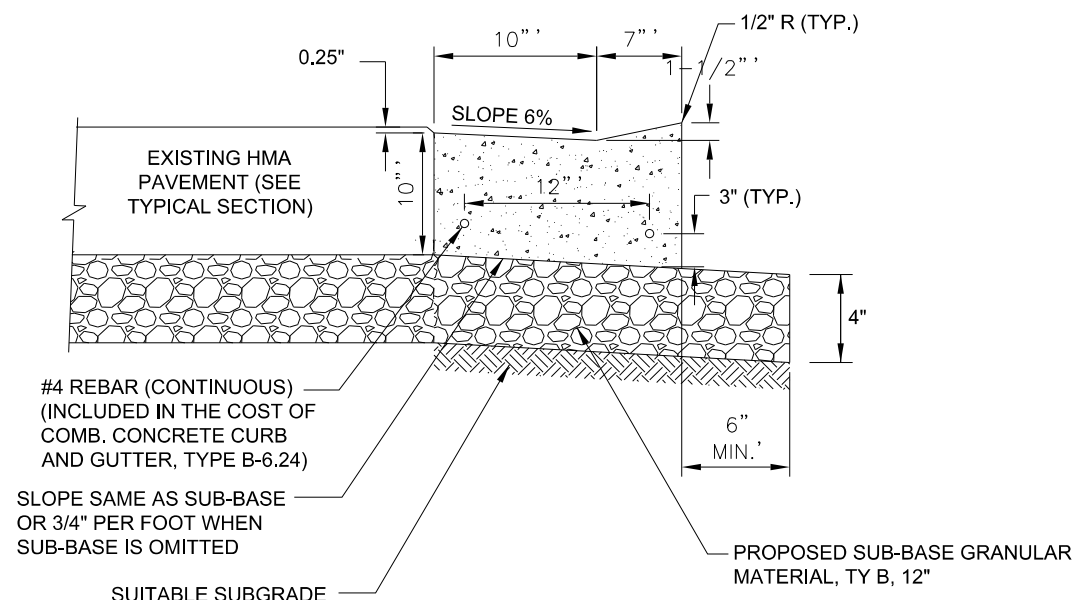
NOT TO SCALE

COMBINATION CONCRETE CURB AND GUTTER REQUIREMENTS

1. TWO NO. 4 REINFORCEMENT BARS SHALL BE INSTALLED CONTINUOUSLY IN ALL CURB AND GUTTER.
2. WHEN CURB AND GUTTER IS CONSTRUCTED ADJACENT TO EXISTING PAVEMENT, THE VERTICAL THICKNESS OF THE GUTTER FLAG SHALL BE 9" OR EQUAL TO THE THICKNESS OF THE ADJACENT PAVEMENT, WHICHEVER IS GREATER. ALSO, TIE BARS SHALL BE OMITTED.
3. DRAINAGE OPENINGS - AT ALL LOCATIONS WHERE METAL CASTINGS ARE TO BE INCORPORATED IN THE CURB AND GUTTER, A 1" THICK PREFORMED JOINT FILLER, CONFORMING TO THE CROSS SECTIONS OF THE CURB AND GUTTER, SHALL BE INSTALLED IN THE CURB AND GUTTER A DISTANCE OF 5FT FROM EACH SIDE OF THE METAL CASTING.
4. TRANSITIONS - THE TRANSITION FROM FULL HEIGHT CURB TO DEPRESSED CURB SHALL BE MADE AT THE RATE OF 2" PER FOOT OF LENGTH OR FLATTER.
5. JOINTS - IN ADDITION TO THE REQUIREMENT OF HIGHWAY STANDARD 606001 AND ARTICLE 606.06 OF THE STANDARD SPECIFICATIONS, JOINTS SHALL BE CONSTRUCTED AS FOLLOWS:

CONSTRUCTION JOINTS AND EXPANSION JOINTS SHALL BE INSTALLED IN THE CURB AND GUTTER IN PROLONGATION WITH JOINTS IN ADJACENT P.C.C. PAVEMENT OR BASE COURSE.

ALL EXPANSION JOINTS SHALL BE PROVIDED WITH A 1 1/4" DIA. X 18" COATED SMOOTH DOWEL BAR CONFORMING TO ARTICLE 1006.11(b) OF THE STANDARD SPECIFICATIONS. THE DOWEL BAR SHALL BE FITTED WITH A CAP HAVING A PINCHED STOP THAT WILL PROVIDE 1" OF EXPANSION.



DETAIL B: DEPRESSED CURB FOR INTERSECTIONS

NOT TO SCALE

NOTES:

1. THE TOP OF CURB SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED ACROSS ALLEYS, DRIVEWAY, AND SIDEWALKS AS DETAILED IN THE PLANS OR WHERE DIRECTED BY THE ENGINEER OR PUBLIC WORKS DEPARTMENT.

NOTES:

DETECTABLE WARNING TILES SHALL ALIGN WITH THE CROSSWALK STRIPES OR STREET CROSSING. IF FIELD CONDITIONS PROHIBIT THIS, TILE ALIGNMENT SHALL BE AT THE DISCRETION OF THE ENGINEER.

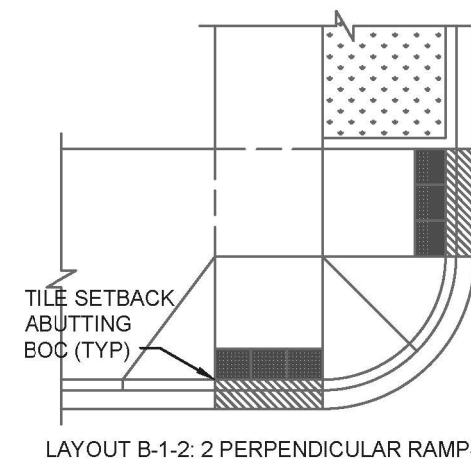
CURB RAMP LAYOUT B-1-2 IS PREFERRED WHENEVER POSSIBLE. WHERE RAMPS ARE LOCATED IN THE CORNER RADIUS, LAYOUT B-1-3 SHALL BE USED.

CURB RAMP PLACEMENT SHALL BE COORDINATED AS REQUIRED TO ALLOW FOR A 4' MINIMUM WIDTH SIDEWALK AROUND EACH CORNER OF INTERSECTION. SIDEWALK NOT TO BE OBSTRUCTED BY CURB RAMPS OR OTHER BARRIERS AND SHALL HAVE A CROSS SLOPE OF 1:50 MAXIMUM (2%).

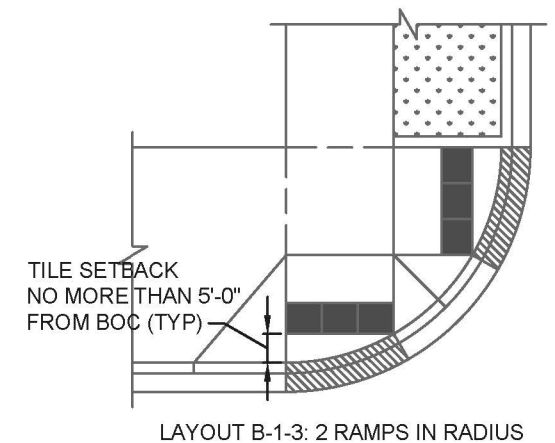
THE BLENDED TRANSITION LAYOUT B-1-7 (AND SIMILAR) MAY BE USED WHERE TWO RAMPS ARE NOT POSSIBLE DUE TO GEOMETRIC CONSTRAINTS SUCH AS LIMITED SIDEWALK WIDTH OR GRADE ELEVATIONS. THE BLENDED TRANSITION SHALL NOT BE USED IF ACCESS TO AN EXISTING FACILITY WOULD BE REDUCED.

THE SHARED PERPENDICULAR RAMP AT CORNER LAYOUT B-1-10 IS NOT PREFERRED AND MAY ONLY BE USED WITH PERMISSION FROM THE ENGINEER.

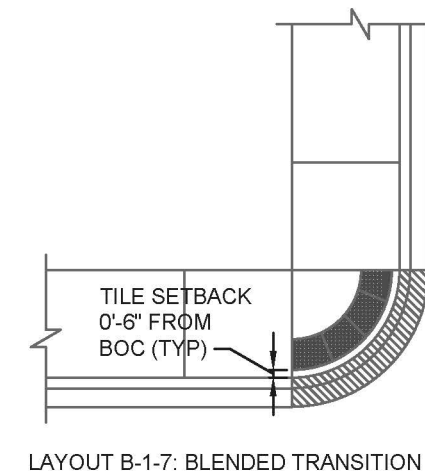
WHERE APPLICABLE, RADIAL TILES MAY BE REQUIRED. IF USING RADIAL TILES, THE CONTRACTOR SHALL VERIFY THAT THE CURB RADIUS MATCHES THE AVAILABLE TILE RADII WITH THE TILE MANUFACTURER. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN THE FIELD.



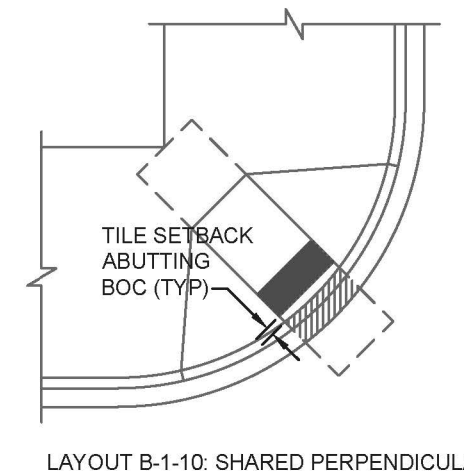
LAYOUT B-1-2: 2 PERPENDICULAR RAMPS



LAYOUT B-1-3: 2 RAMPS IN RADIUS



LAYOUT B-1-7: BLENDED TRANSITION



LAYOUT B-1-10: SHARED PERPENDICULAR RAMP AT CORNER

FILE NAME = 48 Construction Details.dgn



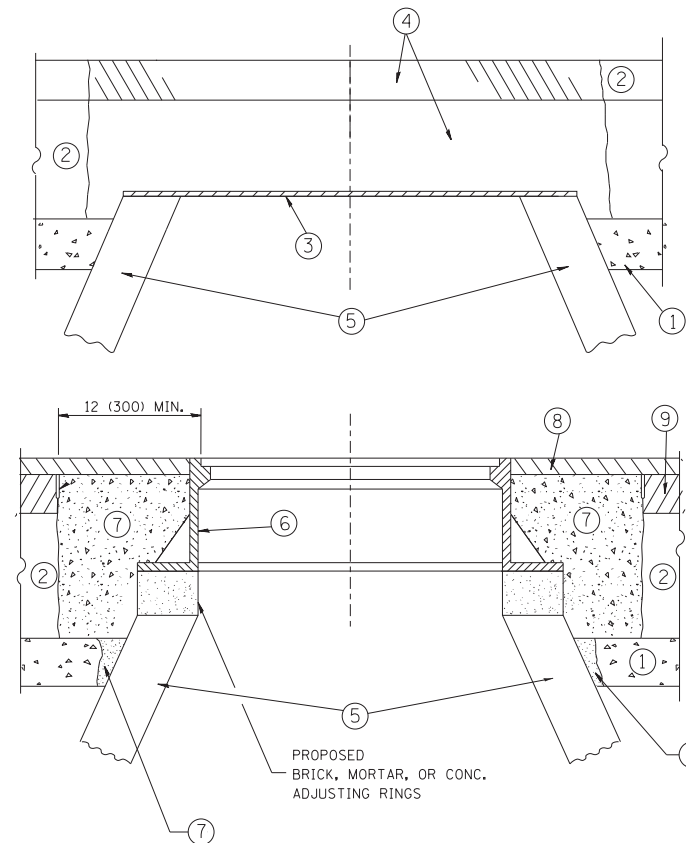
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PLOT DATE = 11/4/2020	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2536	SECTION 19-00083-00-RS	COUNTY DUPAGE	TOTAL SHEETS 51	SHEET NO. 40
CONTRACT NO. 61C26				ILLINOIS FED. AID PROJECT



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

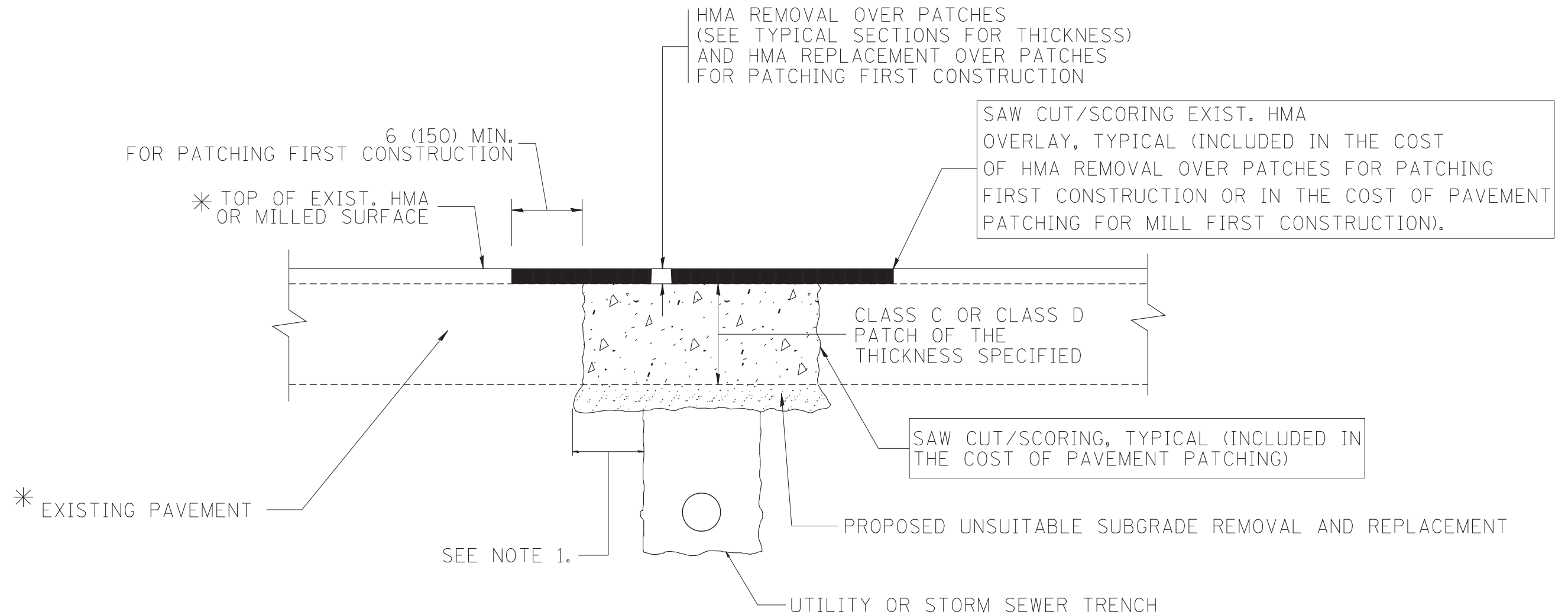
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	PLOT SCALE = 1/8" = 1' / m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	41
BD600-03 (BD-8)		CONTRACT NO.	61G26	
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.

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		DRAWN -	REVISED - R. BORO 01-01-07
		PLOT SCALE = 50.000' / IN.	REVISED - R. BORO 09-04-07
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	42
BD400-04 (BD-22)			CONTRACT NO. 61G26	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

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.)

- * 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.

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.

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.

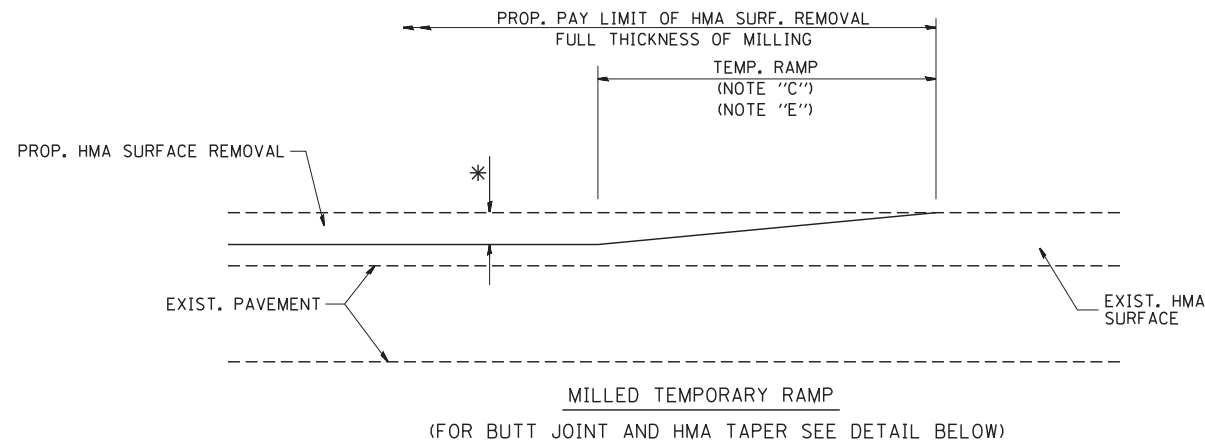
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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".

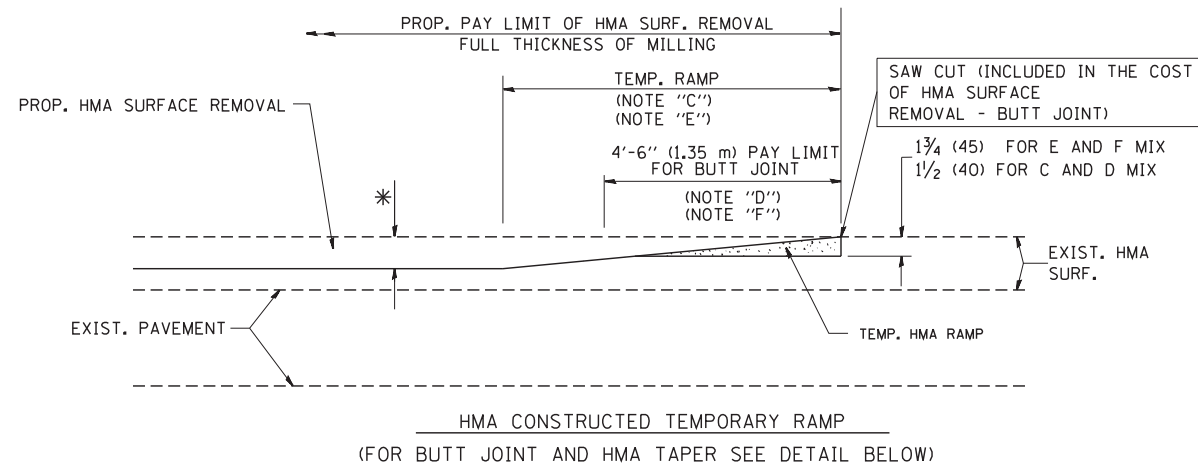
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 12-15-09				BD600-06 (BD-24)		CONTRACT NO. 61G26		
PLOT DATE = 12/15/2009	DATE - 03-11-94					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

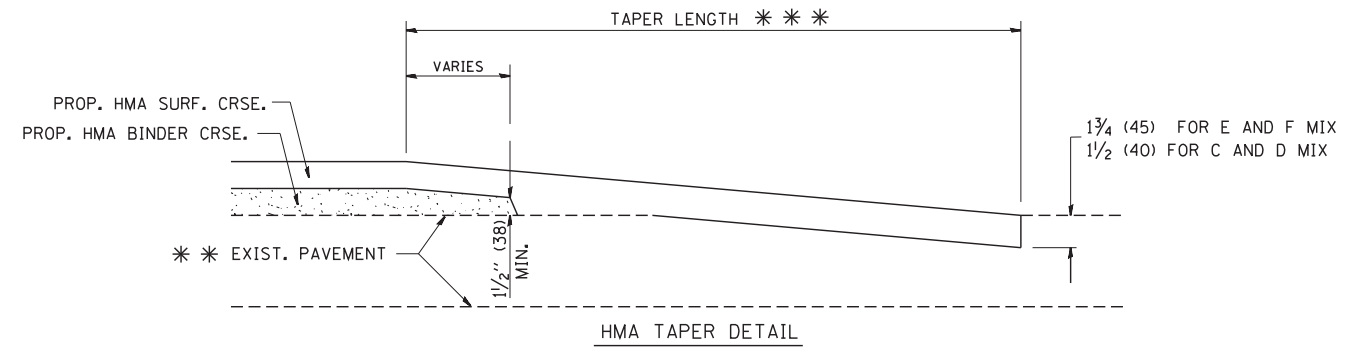
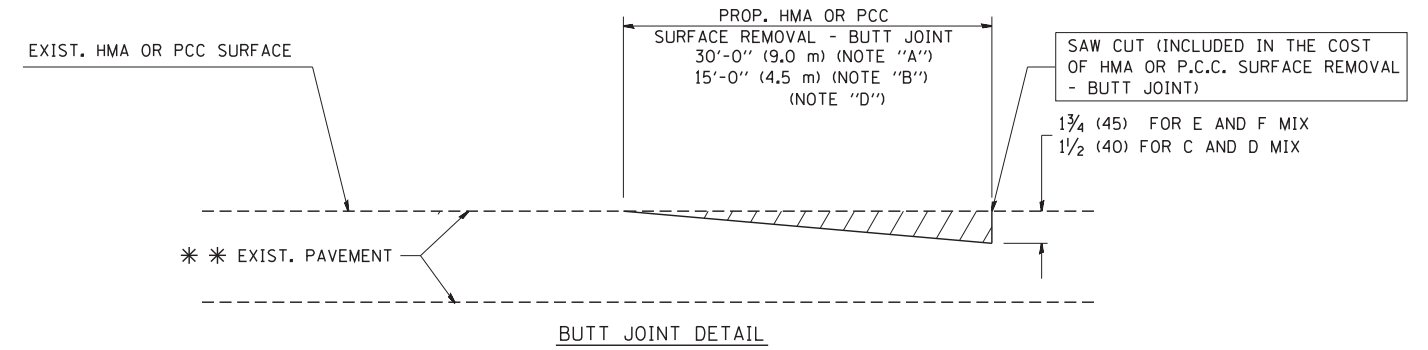


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

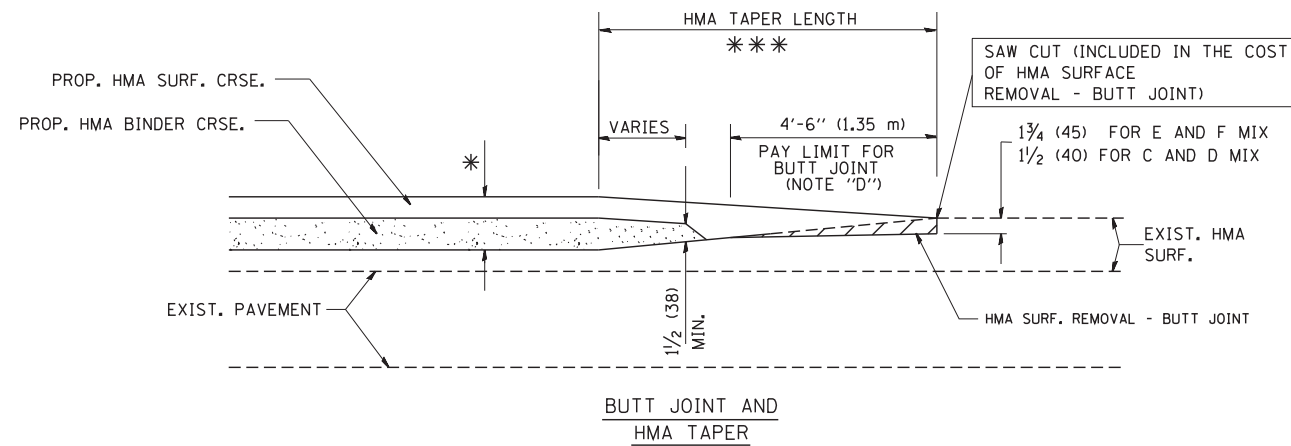
NOTES

- 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.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

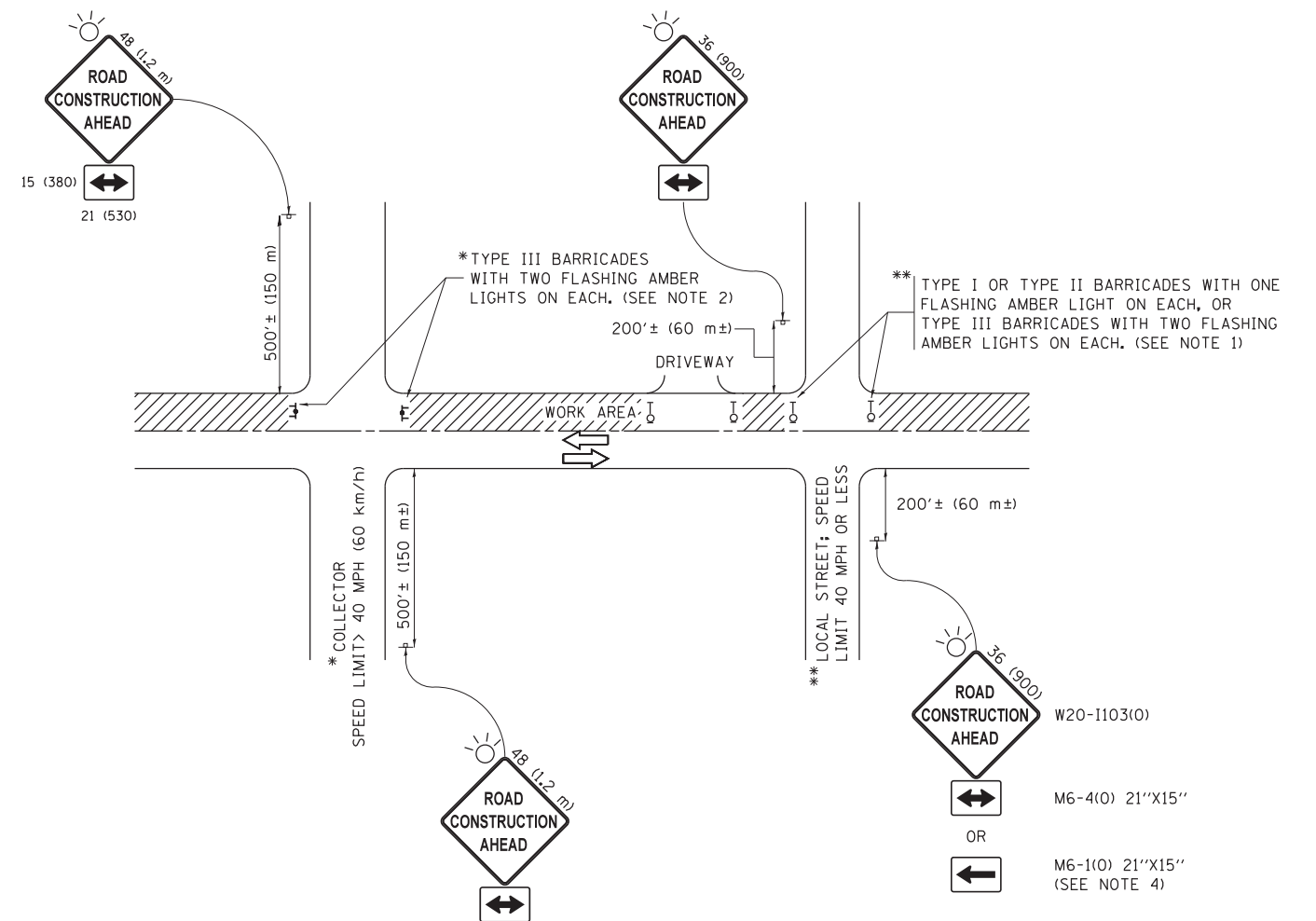
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	44
BD400-05 BD32			CONTRACT NO. 61G26	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

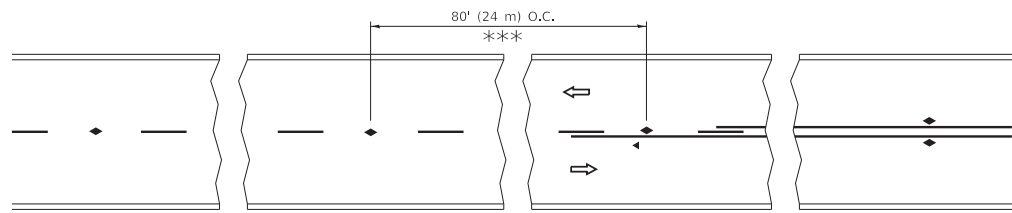
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	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

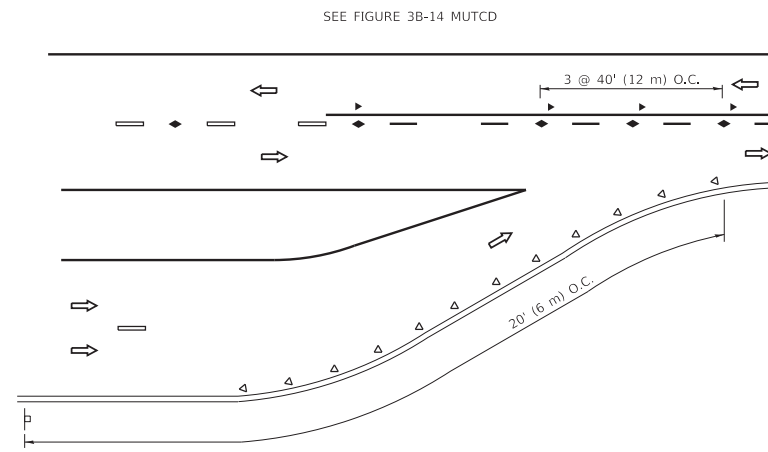
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 61G26	
ILLINOIS FED. AID PROJECT				

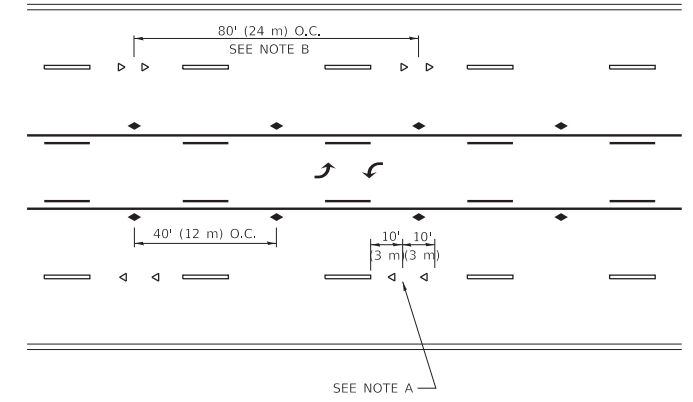


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

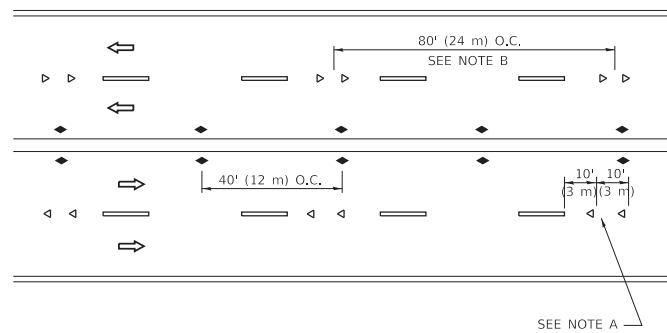
TWO-LANE/TWO-WAY



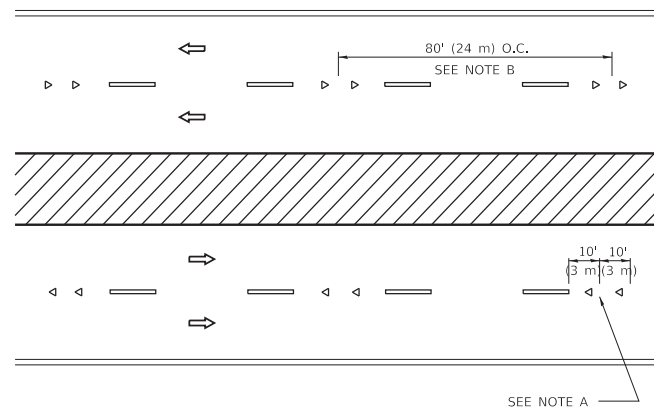
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

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.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

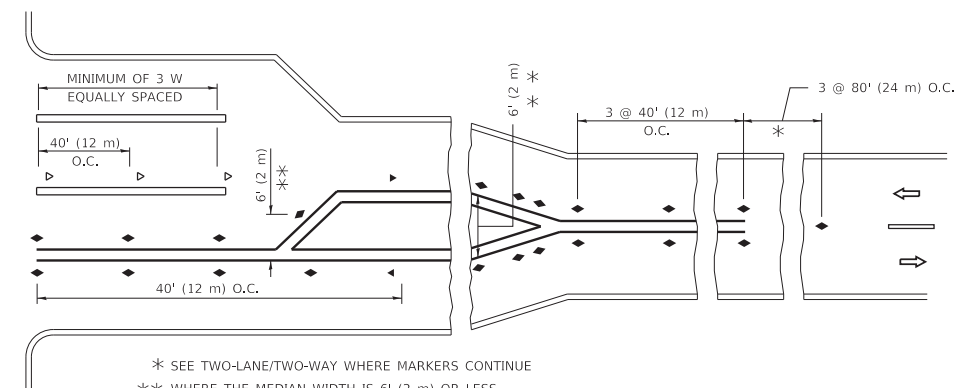
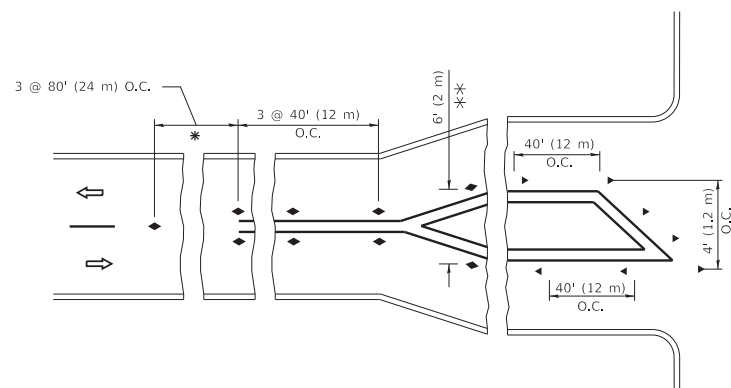
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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 SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 *** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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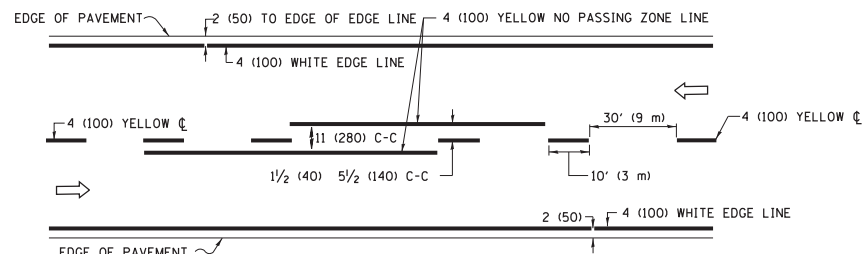
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

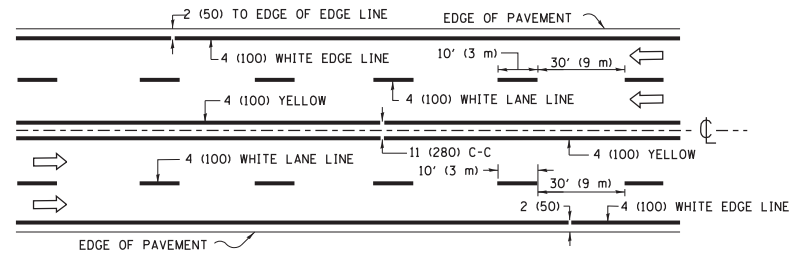
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

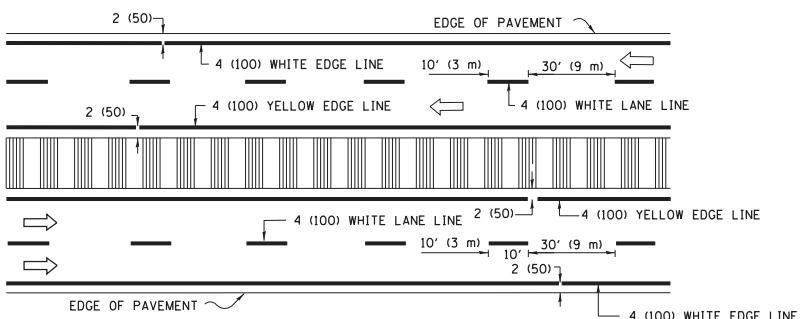
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	46
TC-11			CONTRACT NO.	61G26
ILLINOIS			FED. AID PROJECT	



2-LANE ROADWAY

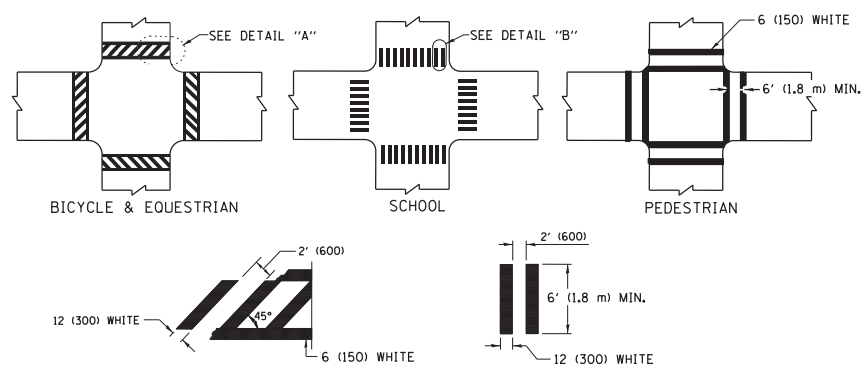


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

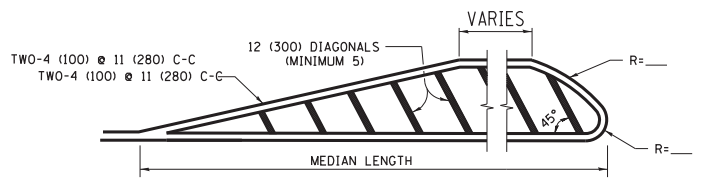
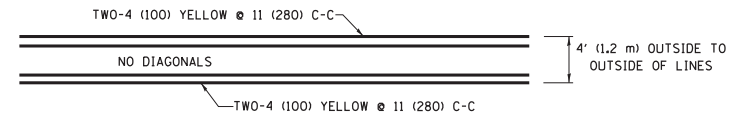


DETAIL "A"

DETAIL "B"

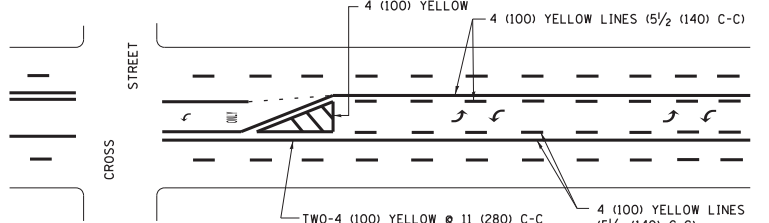
TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

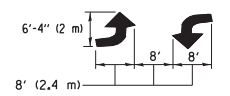


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

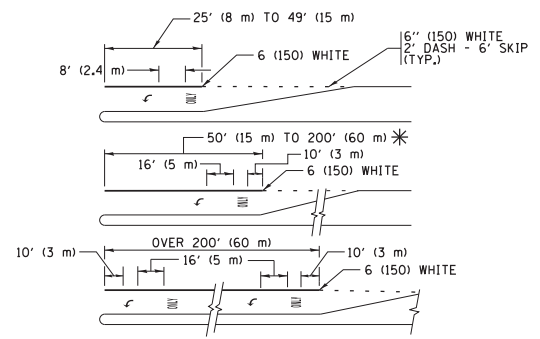


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

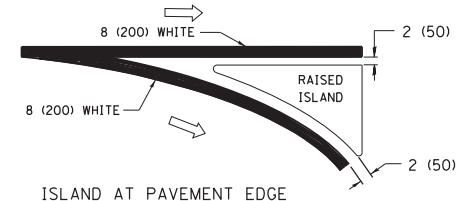
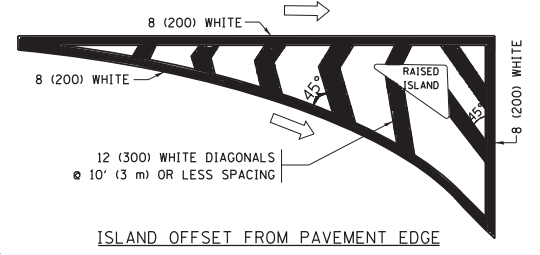


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

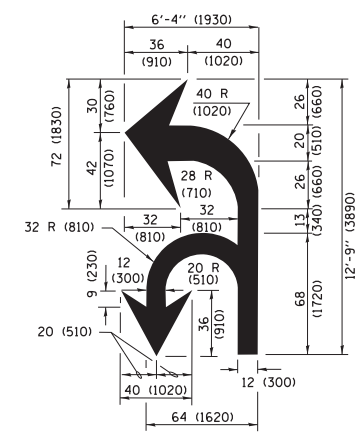
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

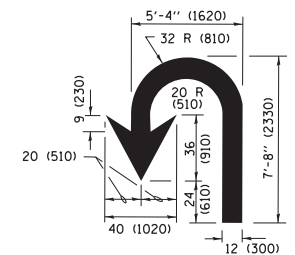
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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	5/2 (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 MEDIANS IN YELLOW
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; 5/2 (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 6' (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 (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

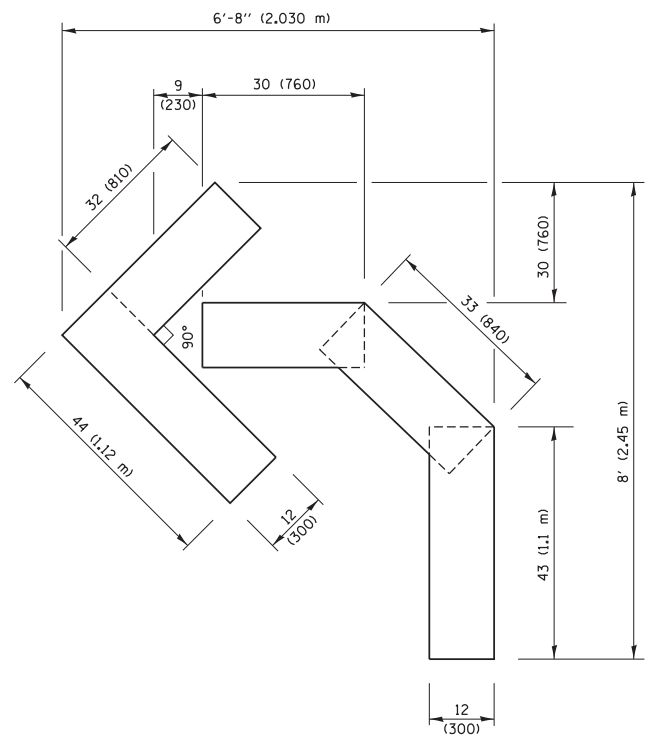
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

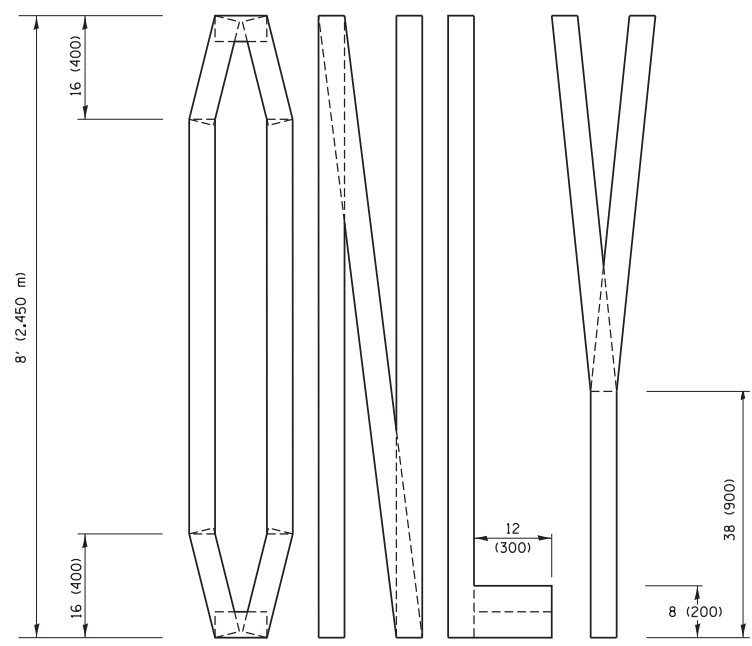
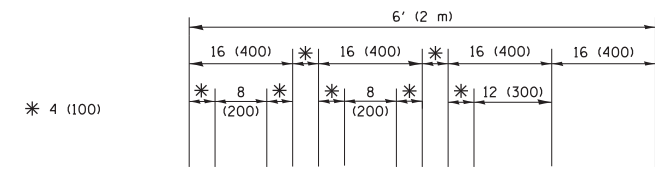
**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

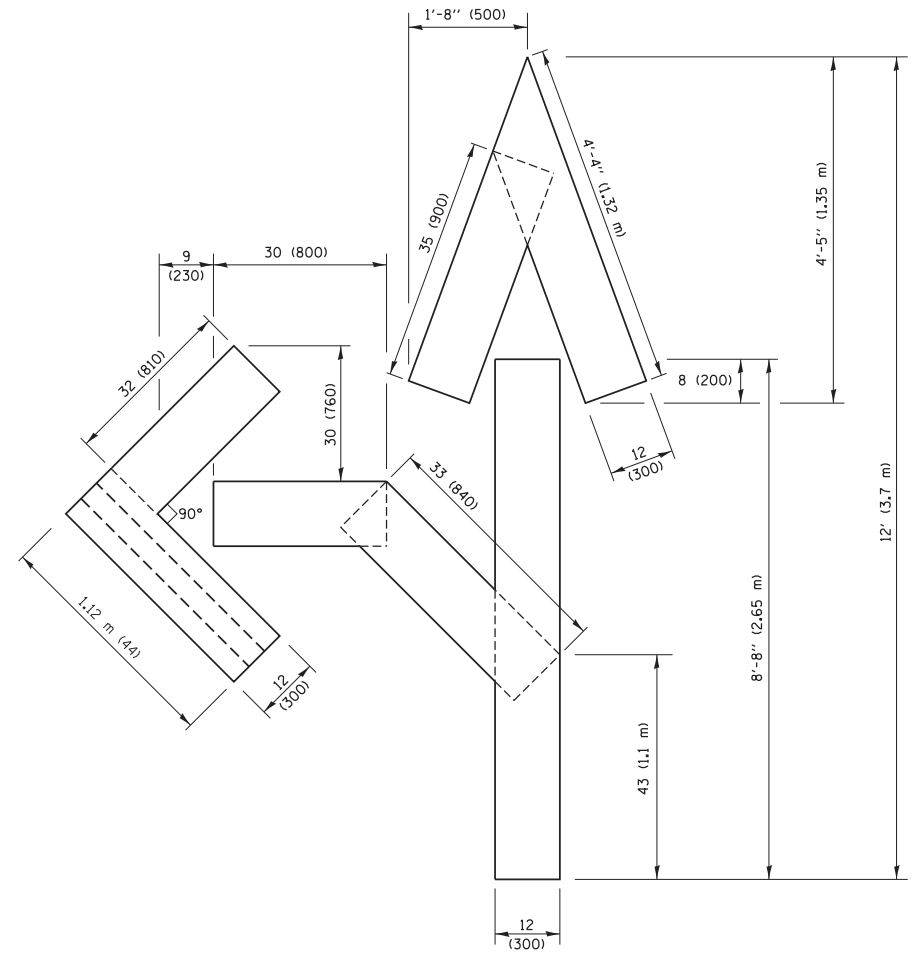
F.A.U R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	47
TC-13		CONTRACT NO.	61G26	
ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

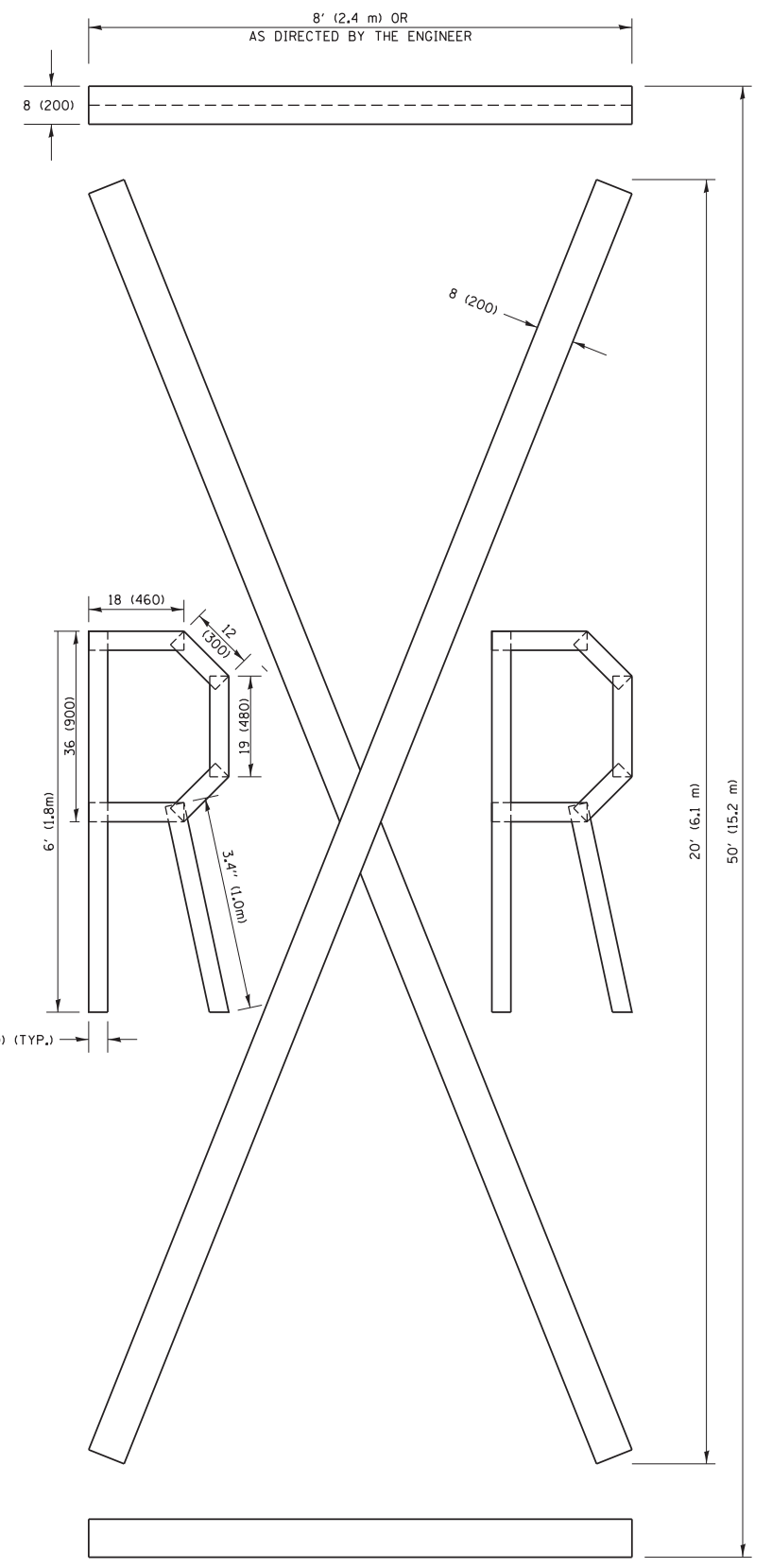


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

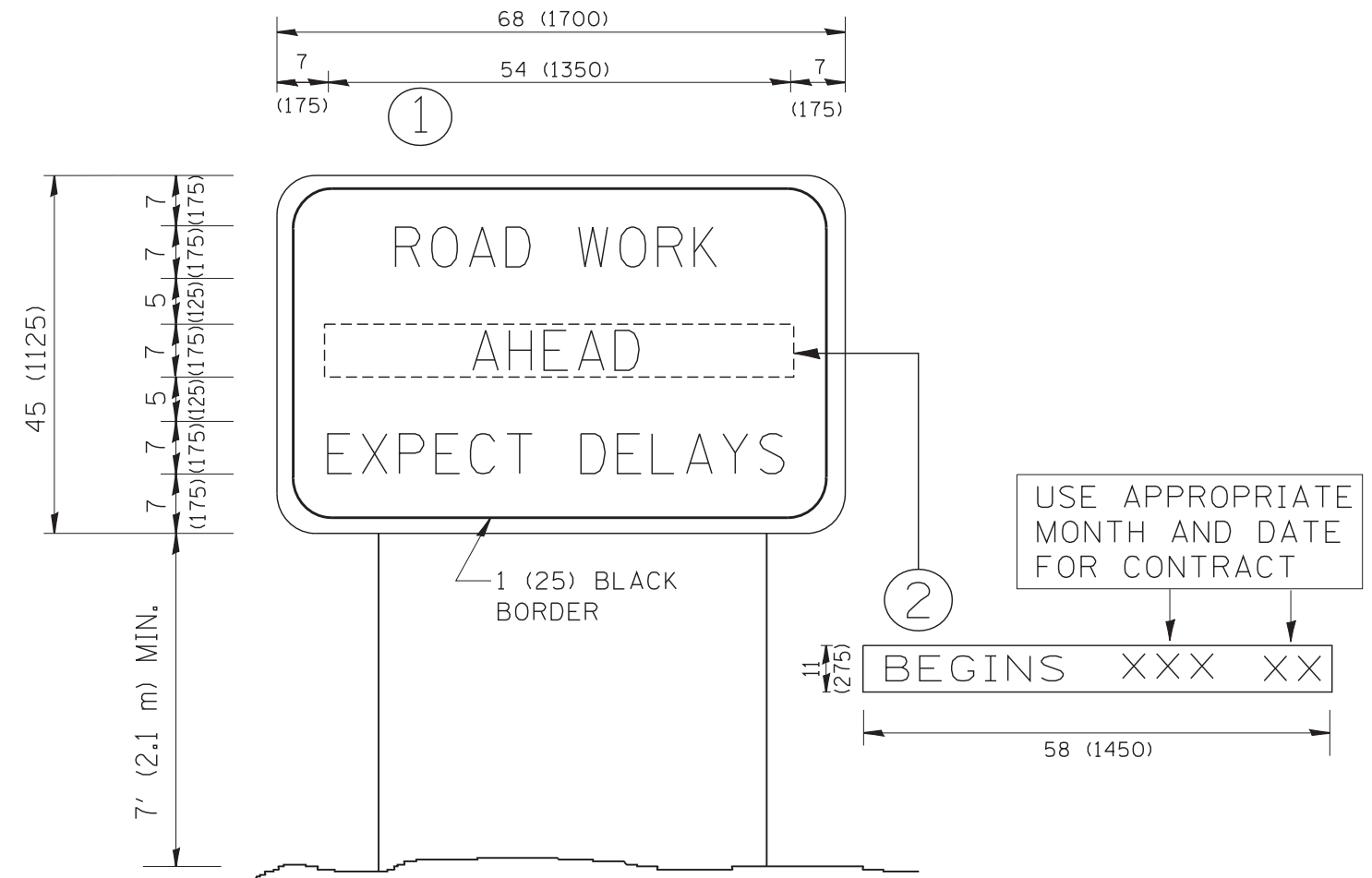
All dimensions are in inches (millimeters) unless otherwise shown.

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		DATE -	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	48
TC-16			CONTRACT NO. 61G26	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

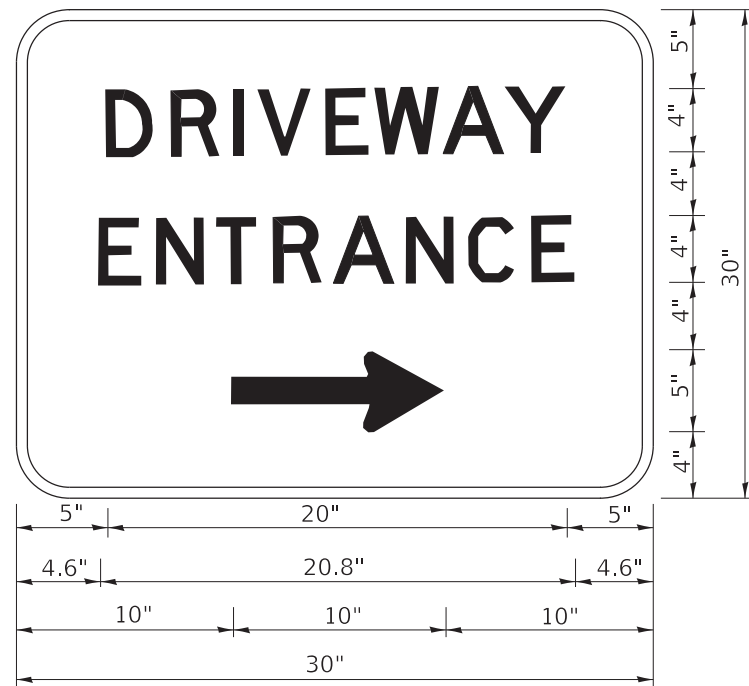


NOTES:

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\tc22.dgn	USER NAME = gegltonbt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97 REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A.U. 2536	SECTION 19-00083-00-RS	COUNTY DuPage	TOTAL SHEETS 51	SHEET NO. 49
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	TC-22		CONTRACT NO.	61G26
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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	DRAWN -	REVISED -
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PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

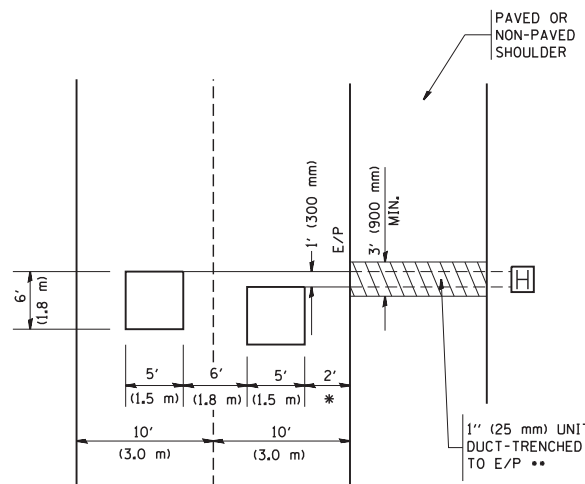
DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	50
TC-26			CONTRACT NO. 61G26	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



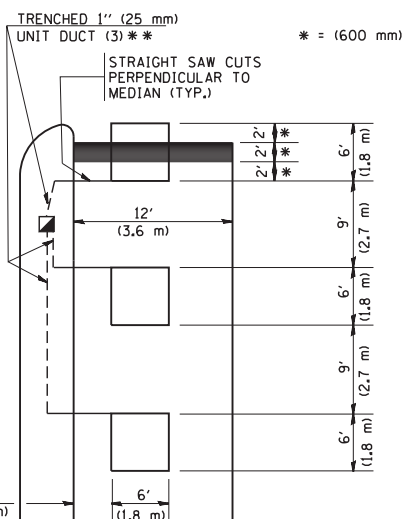
* = (600 mm)

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

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(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.

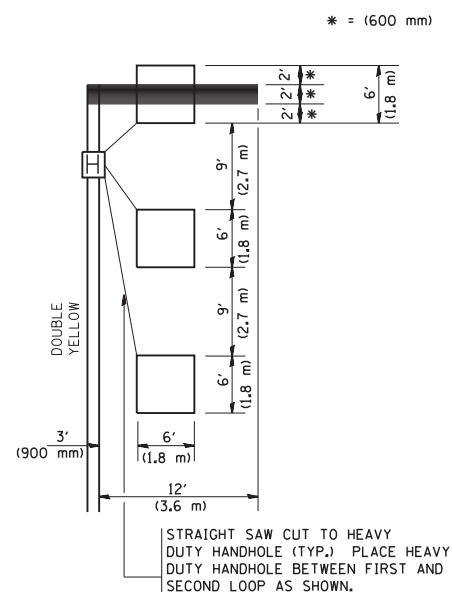


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

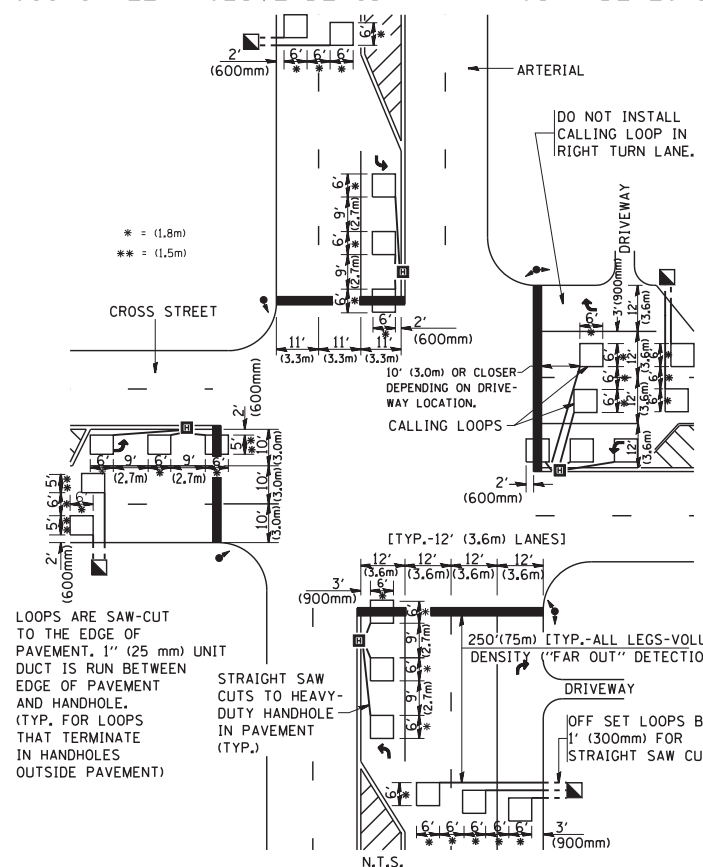
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



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

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)

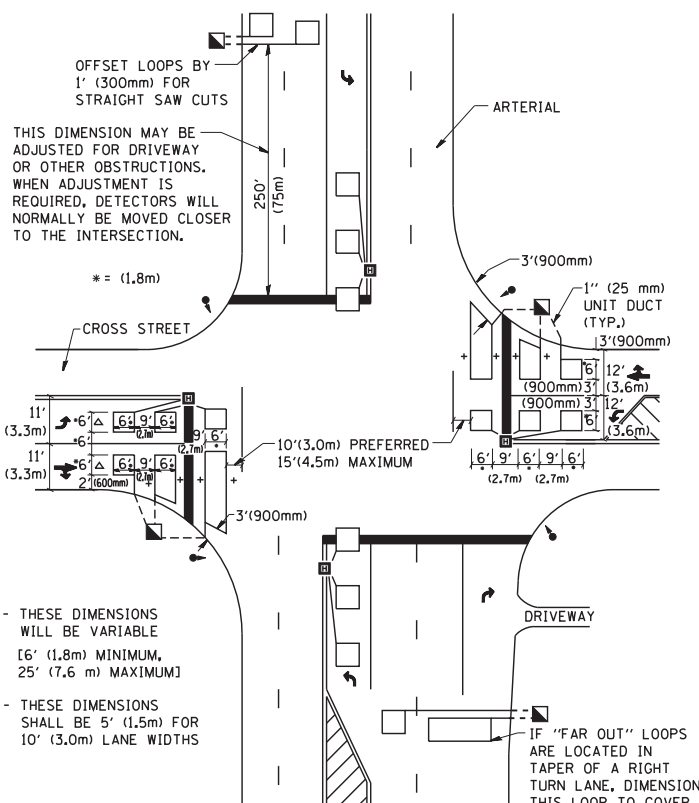


LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

NOTES:

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.

PLACEMENT OF DETECTORS

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.

NOTE:

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 = W:\diststd\22x34\ts07.dgn

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PLOT DATE = 1/4/2008

DESIGNED -
DRAWN -
CHECKED - R.K.F.
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2536	19-00083-00-RS	DuPage	51	51
TS-07		CONTRACT NO. 61G26		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				