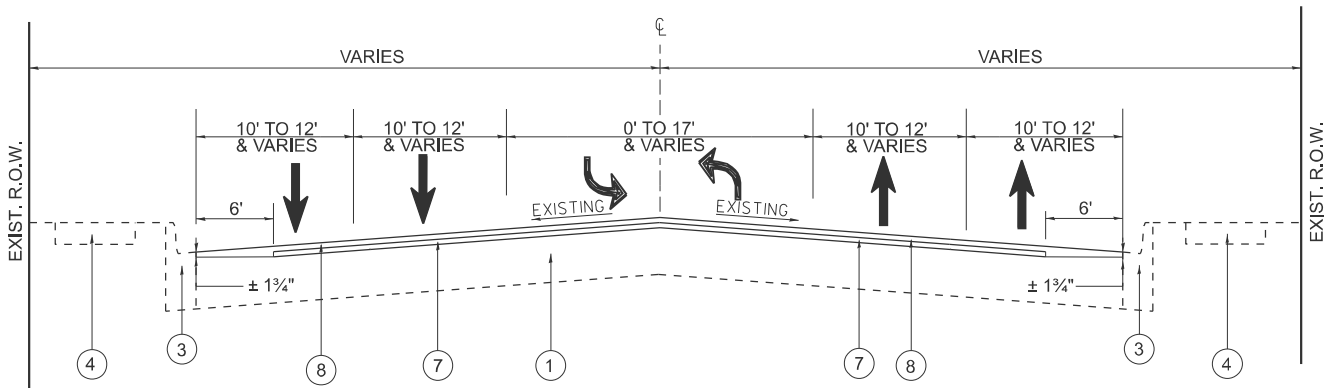


DUNDEE ROAD  
EXISTING TYPICAL SECTION  
STA. 18+42 TO STA. 243+19

LEGEND

- 1 EXIST. P.C.C. PAVEMENT 10"
- 2 EXIST. HOT-MIX ASPHALT PAVEMENT ± 2½"
- 3 EXIST. COMBINATION CONCRETE CURB AND GUTTER
- 4 EXIST. P.C.C SIDEWALK
- 5 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2½"
- 6 PROP. HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- 7 PROP. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾"
- 8 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "E", N70, 1¾"



DUNDEE ROAD  
PROPOSED TYPICAL SECTION  
STA. 18+42 TO STA. 243+19

MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	VOIDS @ Ndes	
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "E", N70, 1¾ INCH	4% AT 70 GYR.	PFP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, ¾ INCH	3.5% AT 50 GYR.	QCP
NEW PAVEMENT (FULL DEPTH) 12" (SEE SHEET 12)		
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N90, 12 INCH	4% AT 90 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19.0 mm), 10 INCH	4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER, IL-19.0 mm)	4% AT 70 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); PAY FOR PERFORMANCE (PFP)		

NOTE:

- 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/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 BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

NOTES

- 1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
- 2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER POLY. HMA BINDER COURSE, IL-4.5, N50

1 REVISED ENTIRE SHEET 8/27/2025

MODEL: Typical Section [Sheet]  
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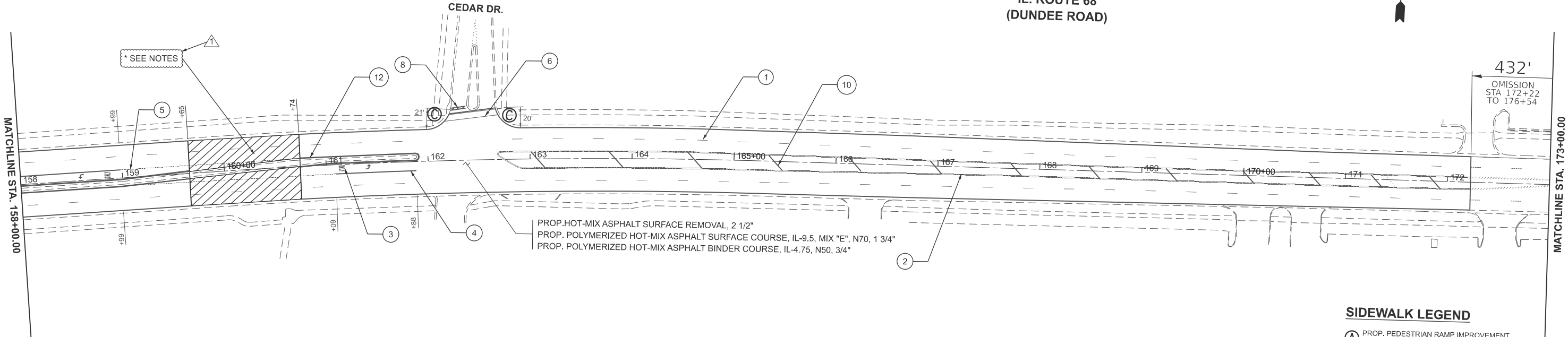
	USER NAME = naveed.hassan	DESIGNED -	REVISED - 1 08/22/2025	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL-68 (DUNDEE RD.) FROM KENNICOTT AVE. TO FIRST ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				343	2017-051RS	COOK	86	6
		CHECKED -	REVISED -		CONTRACT NO. 62F86						
	PLOT DATE = 3/4/2025	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

-  - PAVEMENT REMOVAL, 680.0 SQ YD  
- EARTH EXCAVATION, 265.0 CU YD  
- AGGREGATE SUBGRADE IMPROVEMENT, 12 INCH, 680 SQYD  
- HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12", 680 SQYD

#### NOTES

1. CONTRACTOR SHALL COMPLETE FULL DEPTH REMOVAL & REPLACEMENT FIRST BEFORE RESURFACING.
2. CONTRACTOR SHALL MATCH NEW PAVEMENT ELEVATION TO EXISTING ROADWAY.
3. CONTRACTOR SHALL MILL AND PAVE STA 159+65 TO 160+74 WITHOUT CREATING A NEW TRANSVERSE JOINT IN THE PAVEMENT.
4. CONTRACTOR SHALL BE PAID FOR THIS WORK VIA ITEMS 44000159, 40603200, AND 40604172.

#### IL. ROUTE 68 (DUNDEE ROAD)



#### SIDEWALK LEGEND

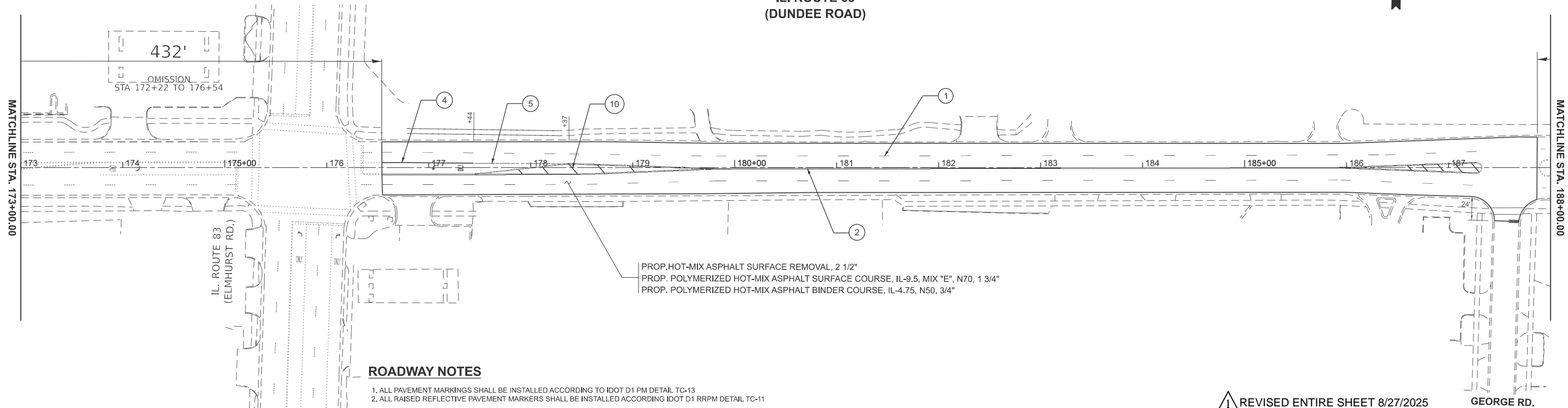
- (A)** PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PROPOSED SIDEWALK DETAILS
- (B)** PROP. PEDESTRIAN RAMP IMPROVEMENT, REMOVE & REPLACE CONCRETE PANEL & DETECTABLE WARNING TILE FULL WIDTH
- (C)** PROP. PEDESTRIAN RAMP IMPROVEMENT, REFER TO PD-04B

- (1)** PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)
- (2)** PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
- (3)** PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- (4)** PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)

- (5)** PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)
- (6)** PROP. THERMO. PAVEMENT MARKING LINE, 6" CROSSWALK, 6' C-C WHITE (TYP.)
- (7)** PROP. THERMO. PAVEMENT MARKING LINE, 12" CROSSWALK, WHITE (TYP.)
- (8)** PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)

- (9)** PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN 10' C-C, WHITE (TYP.)
- (10)** PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' C-C, YELLOW (TYP.)
- (11)** PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)
- (12)** PROP. THERMOPLASTIC PVMT MARKING 4", EDGE LINE, YELLOW (TYP.)

#### IL. ROUTE 68 (DUNDEE ROAD)



#### ROADWAY NOTES

1. ALL PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT D1 PM DETAIL TC-13
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING IDOT D1 RRPM DETAIL TC-11

 REVISED ENTIRE SHEET 8/27/2025

GEORGE RD.

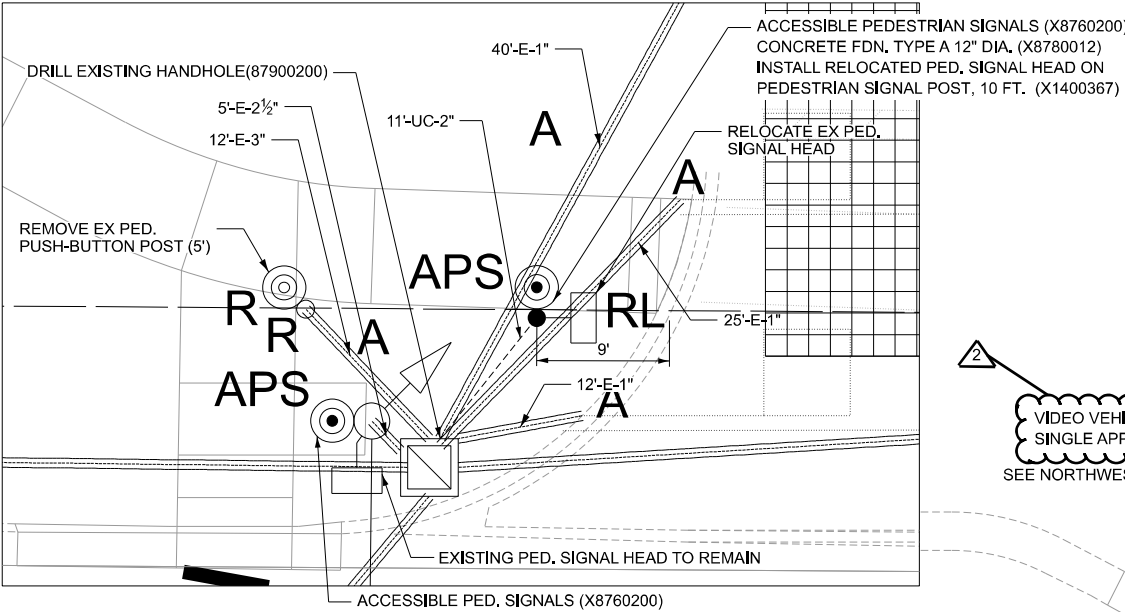
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN  
IL. ROUTE 68 (DUNDEE ROAD) E/O KENNICOTT AVENUE TO FIRST STREET

SCALE: 1"=50' SHEET OF 11 SHEETS STA. 158+00.00 TO STA. 188+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	12
CONTRACT NO. 62F86				
ILLINOIS FED. AID PROJECT				

NORTHWEST CORNER



REMOVAL AND RELOCATION NOTES:

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

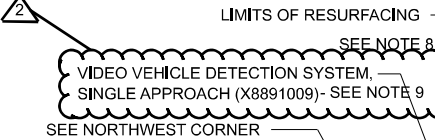
- 1 EACH SERVICE INSTALLATION POLE MOUNTED
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH PEDESTRIAN SIGNAL POST

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED AND RELOCATED AS SHOWN.

- 1 EACH PEDESTRIAN SIGNAL HEAD

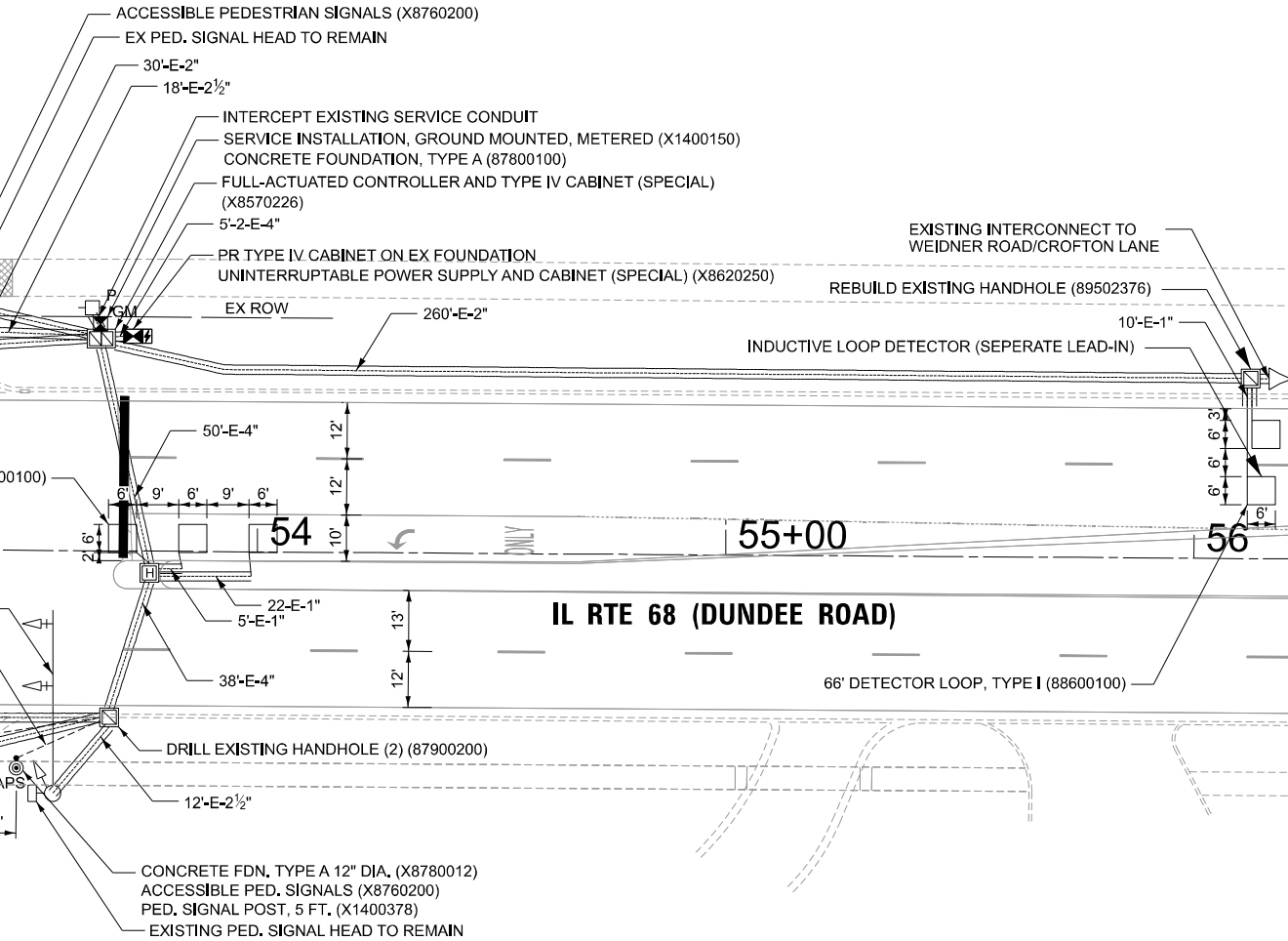


BUFFALO GROVE  
HIGHSCHOOL DRIVEWAY

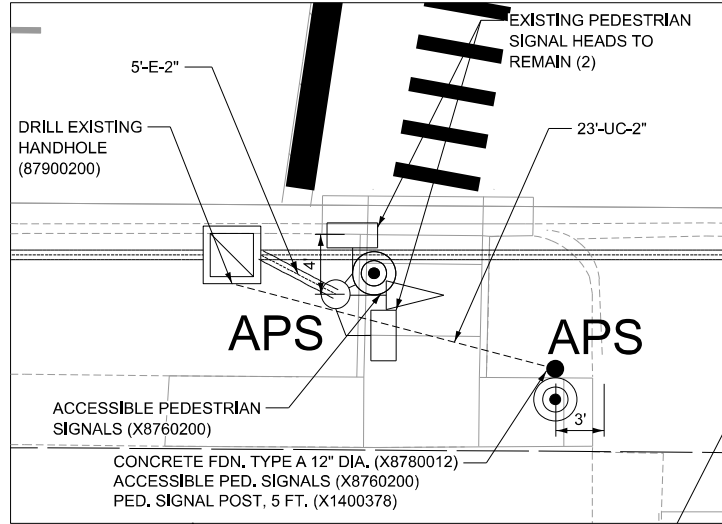


ONE-WAY  
OBERWEIS  
DRIVEWAY

ONE-WAY  
MCDONALDS  
DRIVEWAY



SOUTHWEST CORNER



NOTES:

- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL ENGINEER.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- ALL PUSH BUTTONS SHALL BE APS.
- NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.
- EACH DETECTOR LOOP SHALL HAVE ITS 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- EXISTING LOOPS ON BUFFALO GROVE HIGHSCHOOL DRIVEWAY SHALL BE ABANDONED AND REPLACED WITH VIDEO DETECTION AND LEAD-IN CABLE SHALL BE REMOVED.
- VIDEO DETECTION SYSTEMS SHALL BE MOUNTED ON RISER BRACKETS AT THE LENGTH DETERMINED BY THE MANUFACTURER. FINAL CAMERA LOCATION SHALL BE OPTIMAL TO MINIMIZE OCCLUSION BASED FALSE CALLS FROM TRAFFIC IN ADJACENT LANES.

REVISD SHEET 9/9/2025



USER NAME = \$USERS	DESIGNED - EO	REVISED - 09/08/25 NH
PLOT SCALE = 40,000,000,000" / in.	DRAWN - EO	REVISED -
PLOT DATE = \$DATE\$	CHECKED - SA	REVISED -
PLOT TIME = \$TIME\$	DATE - 05/05/2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN  
IL-68 (DUNDEE RD) & BUFFALO GROVE HIGH SCHOOL

SCALE: 1" = 20' SHEET #### OF #### SHEETS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	2017-051RS	COOK	86	55
CONTRACT NO. 62F86				
ILLINOIS FED. AID PROJECT				

TS 3112  
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