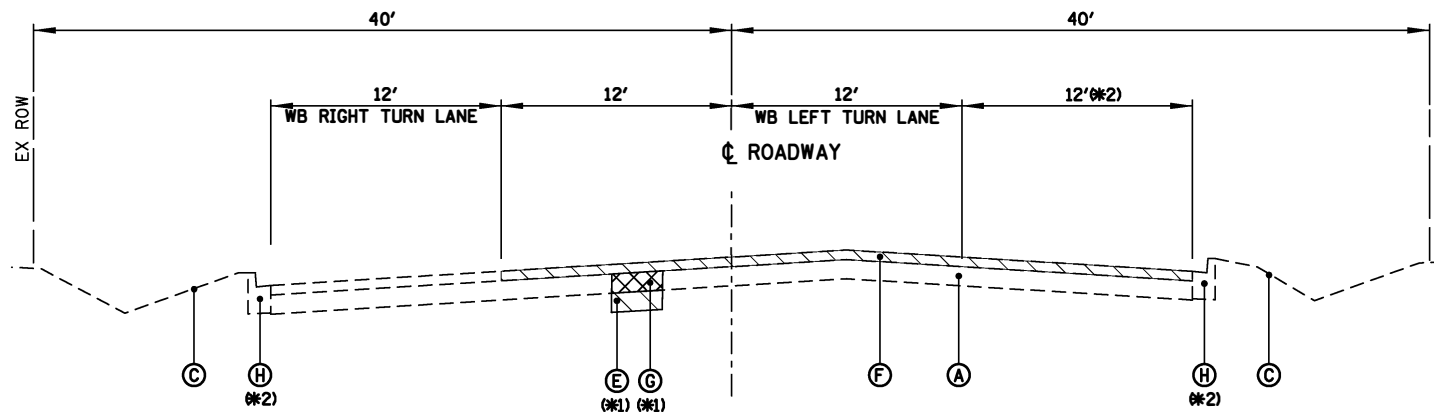


CODE NUMBER	ITEM	UNIT	0005 ROADWAY 80% STU/10% LOCAL
20200100	EARTH EXCAVATION	CU YD	413
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	243
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2125
25000110	SEEDING, CLASS 1A	ACRE	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	40
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	40
25100630	EROSION CONTROL BLANKET	SQ YD	2125
28000510	INLET FILTERS	EACH	10
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	243
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9699
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	29
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	83
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	791
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50		
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1609
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	14366
44201701	CLASS D PATCHES, TYPE I, 5 INCH	SQ YD	149



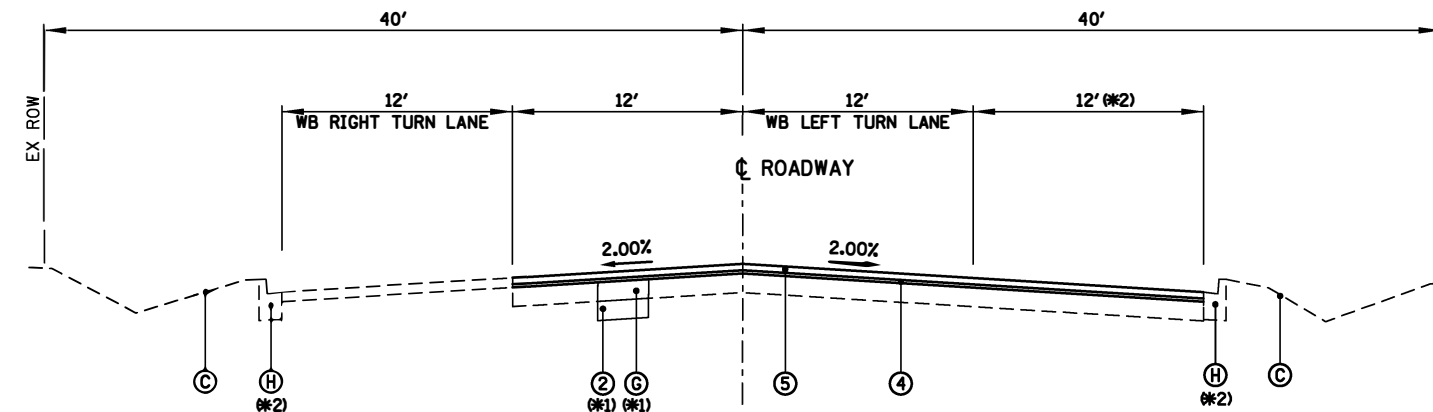
* SPECIALTY ITEMS

FILE NAME = N:\HARVARD\110001.00075\Civil\5001.110001.00075.DGN	USER NAME = pmagnelli	DESIGNED - GR	REVISED - DG 2/14/24	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIGGINS STREET RESURFACING SUMMARY OF QUANTITIES			F.A.U. RTE. 0002	SECTION 21-00068-00-RS	COUNTY MCHENRY	TOTAL SHEETS 21	SHEET NO. 3
Default	PLOT SCALE = 10'	DRAWN - PM	REVISED -		SCALE: 10'	SHEET 1 OF 3 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 61K14			
	PLOT DATE = 12/15/2023	CHECKED - GR	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



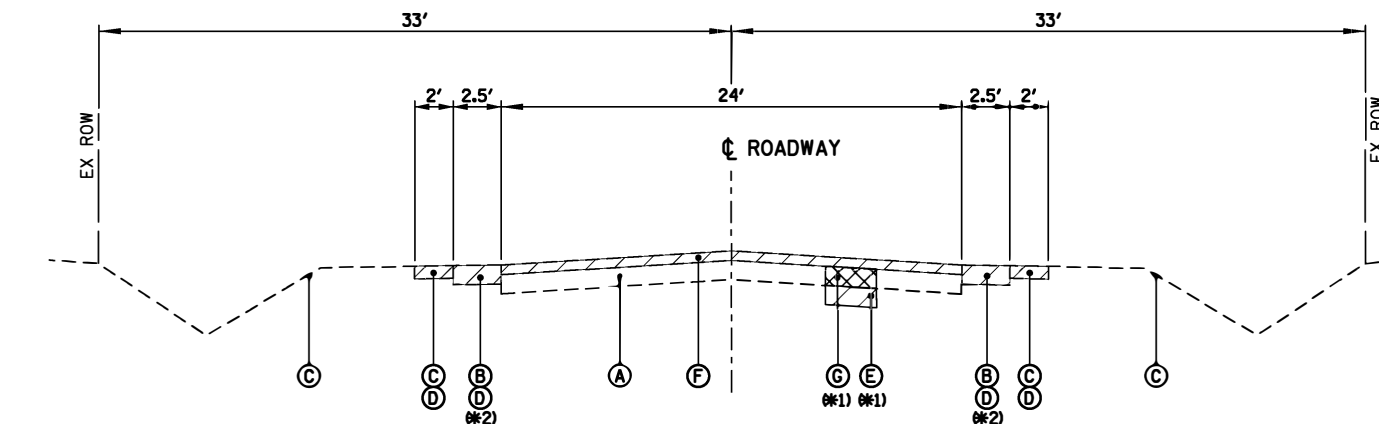
EXISTING TYPICAL SECTION

DIGGINS STREET
STA. 102+00 TO STA. 105+67



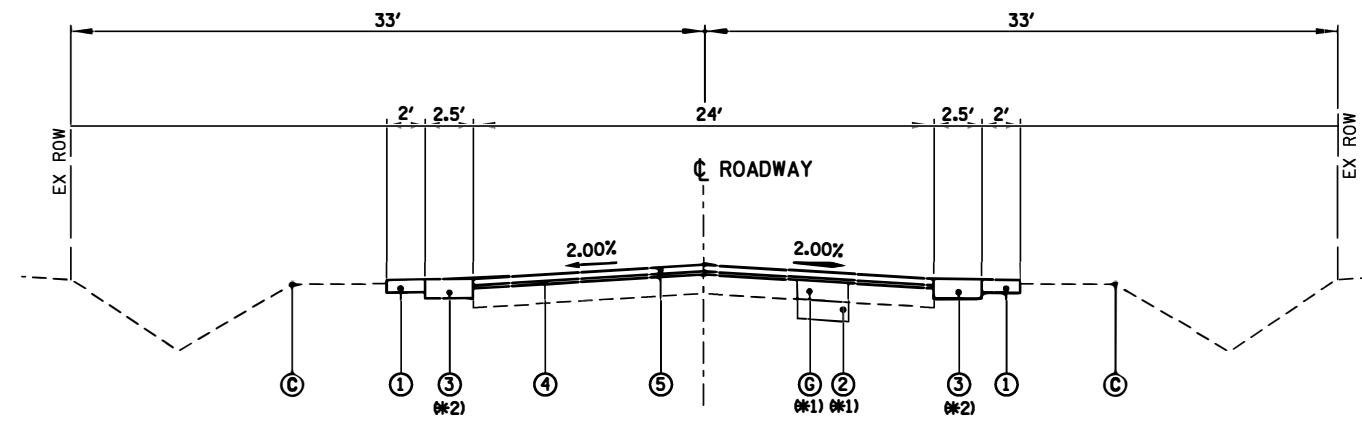
PROPOSED TYPICAL SECTION

DIGGINS STREET
STA. 102+00 TO STA. 105+67



EXISTING TYPICAL SECTION

DIGGINS STREET
STA. 105+67 TO STA. 147+54



PROPOSED TYPICAL SECTION

DIGGINS STREET
STA. 105+67 TO STA. 147+54

NOTE:
PAVEMENT PATCHING SHALL BE COMPLETED FOLLOWING HMA SURFACE REMOVAL

#1) AT LOCATIONS AS DIRECTED BY THE ENGINEER

#2) EXISTING CURB AND GUTTER (TO REMAIN) FROM 102+00 TO 108+20

DIGGINS STREET EXISTING PAVEMENT CORE DATA				
CORE NUMBER	STATION FROM	STATION TO	TOTAL BITUMINOUS CONCRETE THICKNESS	TOTAL GRANULAR BASE COURSE THICKNESS
C-1	102+00	105+30	13.75"	18.5"
C-2	105+30	110+60	14.25"	18.5"
C-3	110+60	115+80	7"	20"
C-4	115+80	120+70	6"	19"
C-5	120+70	125+50	8.5"	17.5"
C-6	125+50	130+40	7"	11"
C-7	130+40	137+40	10.25"	12"
C-8	137+40	144+70	5.75"	12"
C-9	144+70	147+54	8"	21"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @NDES	QMP
DIGGINS STREET RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"	4% @ 50 GYR	LR 1030 - 2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 1"	3.5% @ 50 GYR	LR 1030 - 2
CLASS D PATCHES, 5"		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 5"	4% @ 50 GYR	LR 1030 - 2
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQYD/IN.

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.

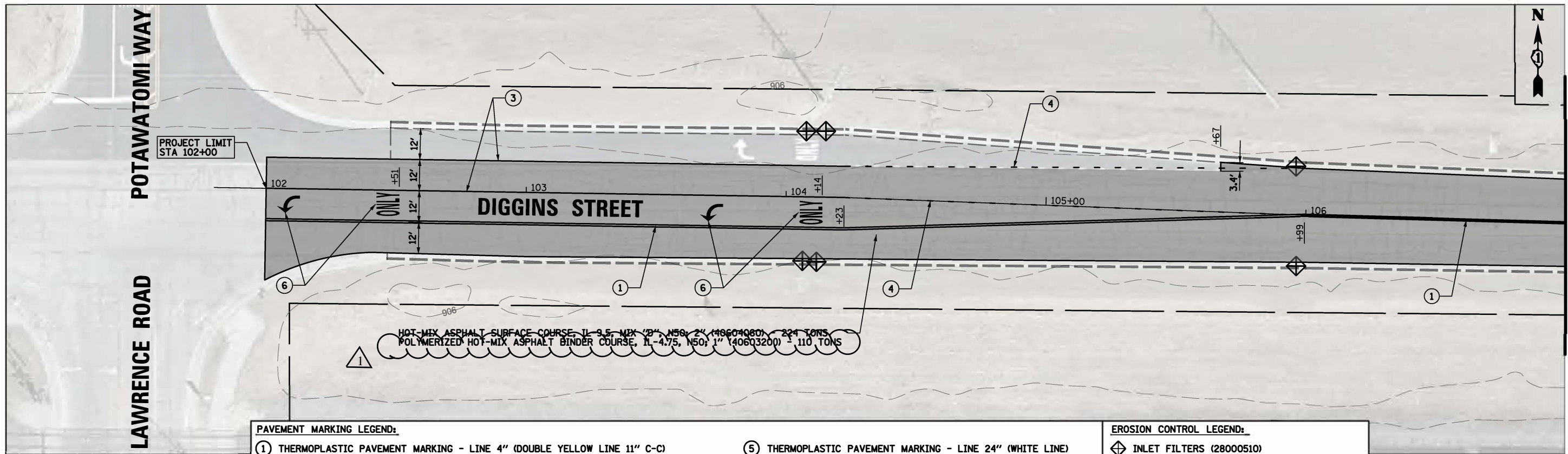
LEGEND

- REMOVAL ITEMS
- (A) EXISTING PAVEMENT
- (B) EXISTING SHOULDER
- (C) EXISTING TOPSOIL AND GROUND COVER
- (D) EARTH EXCAVATION (2020100)
- (E) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200)
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, 3" (44000161)
- (G) CLASS D PATCHES, TYPE I, 5" (44201701)
CLASS D PATCHES, TYPE II, 5" (44201705)
CLASS D PATCHES, TYPE III, 5" (44201709)
CLASS D PATCHES, TYPE IV, 5" (44201711)
- (H) EXISTING CURB AND GUTTER
- ① TOPSOIL FURNISH AND PLACE, 4" (21101615)
SEEDING, CLASS 1A (25000110)
NITROGEN FERTILIZER NUTRIENT (25000400) POTASSIUM FERTILIZER NUTRIENT (25000600) EROSION CONTROL BLANKET (25100630)
- ② AGGREGATE SUBGRADE IMPROVEMENT (30300001)
- ③ AGGREGATE SHOULDER, TYPE B, 6" (48101500)
- ④ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (40603200)
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (40604060)

FILE NAME =	USER NAME = pmagnelli	DESIGNED - GR	REVISED - DG 2/14/24
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Default	PLOT SCALE = 10'	CHECKED - GR	REVISED -
	PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIGGINS STREET RESURFACING TYPICAL SECTIONS		F.A.U. RTE. 0002	SECTION 21-00068-00-RS	COUNTY MCHENRY	TOTAL SHEETS 21	SHEET NO. 6
SCALE: 10'	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 61K14		
ILLINOIS FED. AID PROJECT						



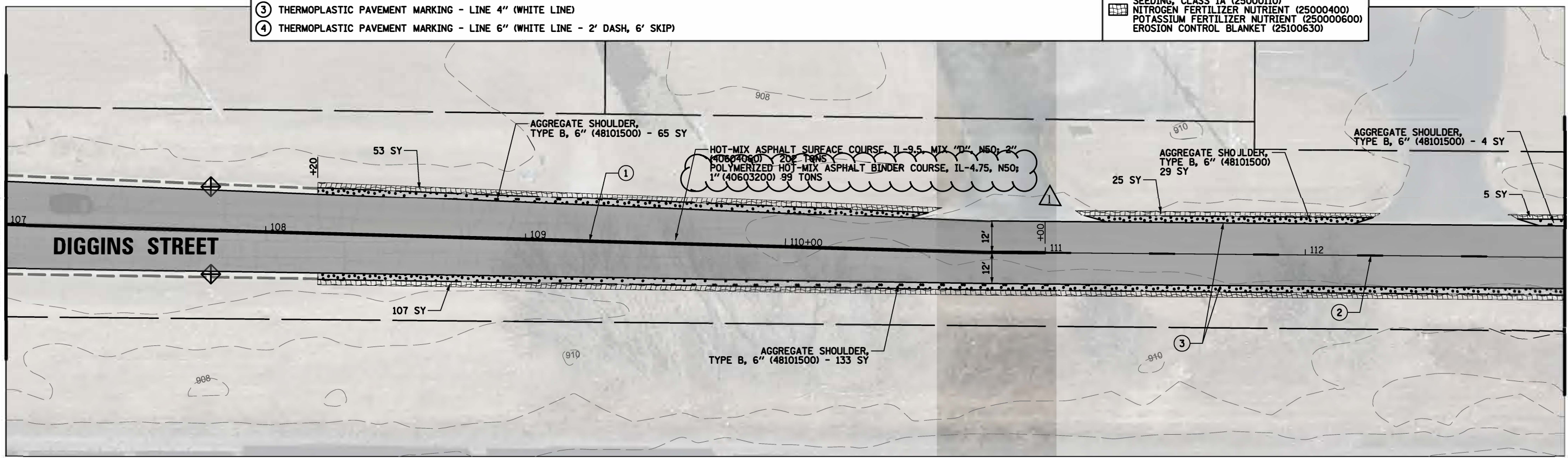
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "B", N50, 2" (40604060) - 224 TONS
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1" (40603200) - 110 TONS

PAVEMENT MARKING LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW LINE 11" C-C)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LINE - 10' DASH, 30' SKIP)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE LINE - 2' DASH, 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE LINE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

EROSION CONTROL LEGEND:

- ◊ INLET FILTERS (28000510)
- ▨ TOPSOIL FURNISH AND PLACE, 4" (21101615)
- ▨ SEEDING, CLASS 1A (25000110)
- ▨ NITROGEN FERTILIZER NUTRIENT (25000400)
- ▨ POTASSIUM FERTILIZER NUTRIENT (250000600)
- ▨ EROSION CONTROL BLANKET (25100630)



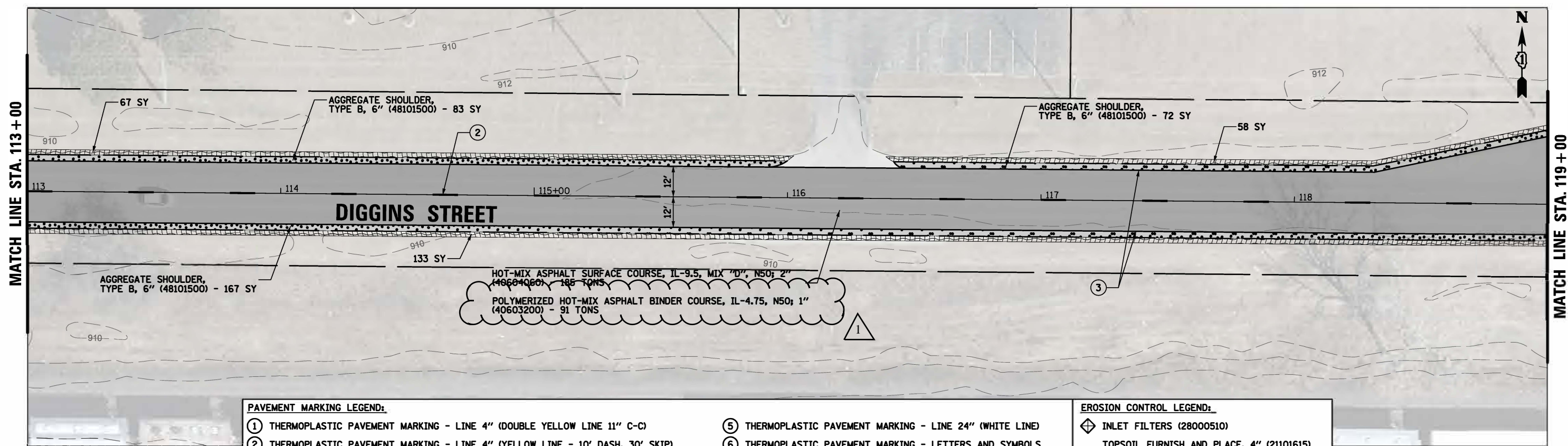
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Default	PLOT SCALE = 40'	CHECKED - GR	REVISED -
	PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIGGINS STREET RESURFACING
PROPOSED ROADWAY, PAVEMENT MARKING, & EROSION CONTROL PLANS**

SCALE: 40' SHEET 1 OF 4 SHEETS STA. 102+00 TO STA. 113+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0002	21-00068-00-RS	M HENRY	21	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K14	



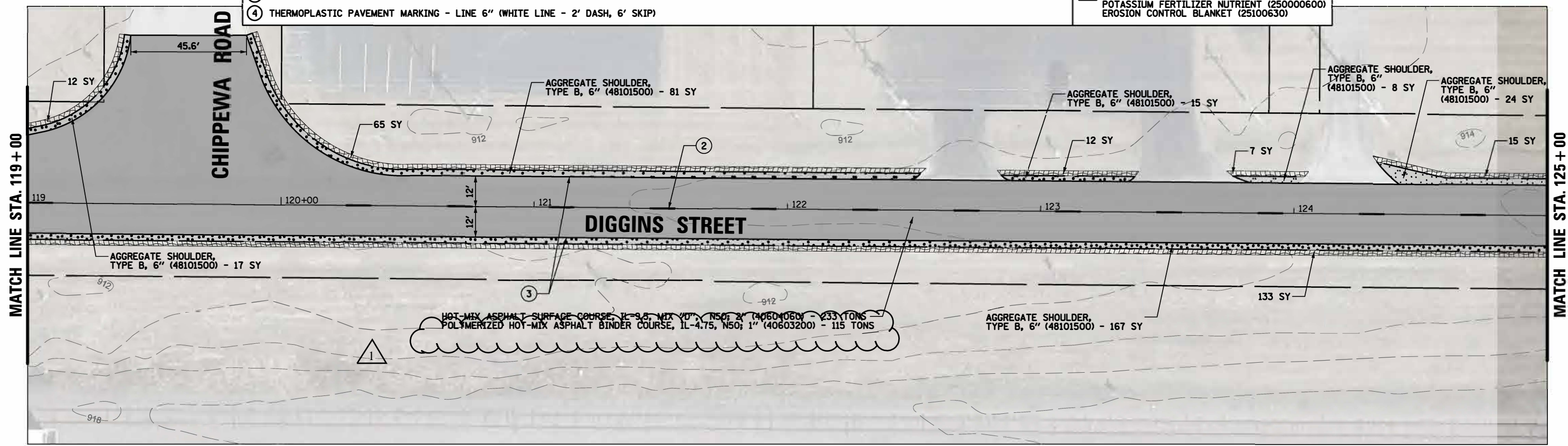
PAVEMENT MARKING LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW LINE 11" C-C)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LINE - 10' DASH, 30' SKIP)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE LINE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE LINE - 2' DASH, 6' SKIP)

- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE LINE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

EROSION CONTROL LEGEND:

- ◊ INLET FILTERS (28000510)
- TOPSOIL FURNISH AND PLACE, 4" (21101615)
- SEEDING, CLASS 1A (25000110)
- ☐ NITROGEN FERTILIZER NUTRIENT (25000400)
- ☐ POTASSIUM FERTILIZER NUTRIENT (25000600)
- ☐ EROSION CONTROL BLANKET (25100630)



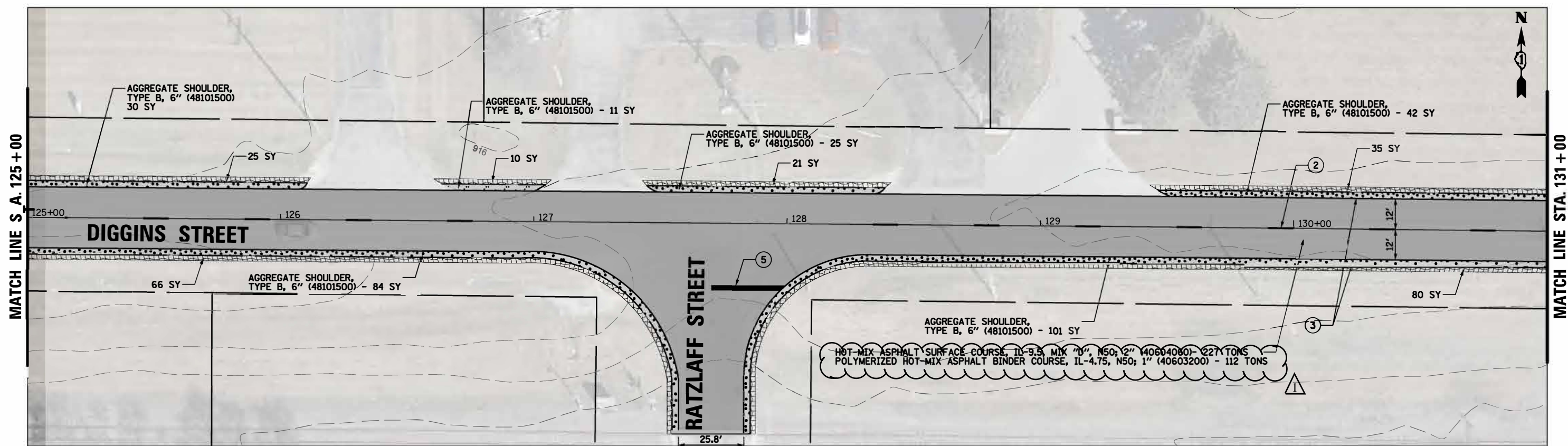
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Default	PLOT SCALE = 40'	CHECKED - GR	REVISED -
	PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

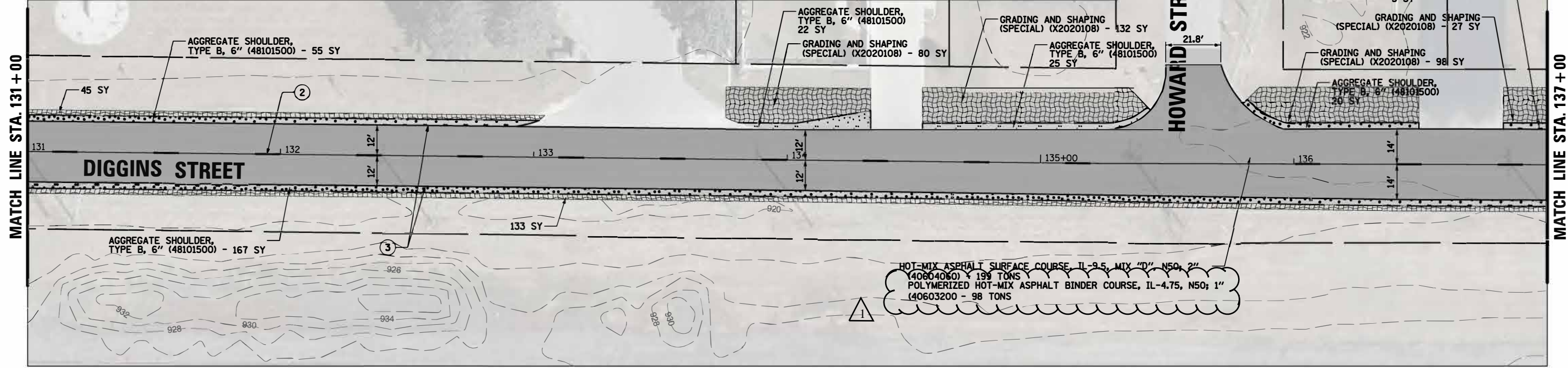
**DIGGINS STREET RESURFACING
PROPOSED ROADWAY, PAVEMENT MARKING, & EROSION CONTROL PLANS**

SCALE: 40' SHEET 2 OF 4 SHEETS STA. 113+00 TO STA. 125+00

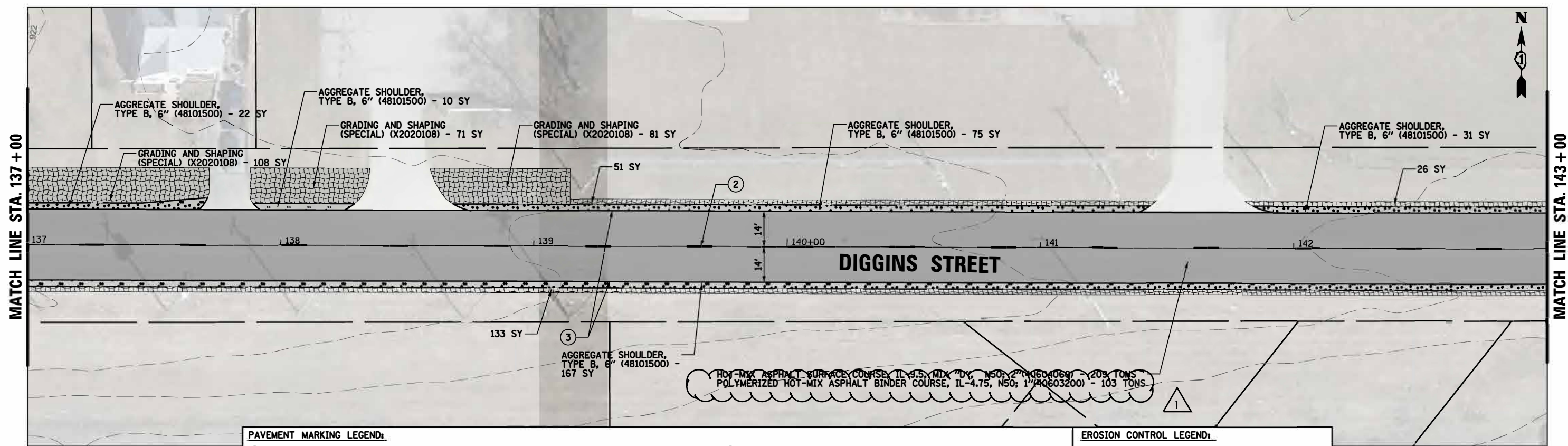
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0002	21-00068-00-RS	MCHENRY	21	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K14	



- PAVEMENT MARKING LEGEND:**
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW LINE 11" C-C)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LINE - 10' DASH, 30' SKIP)
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 - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE LINE - 2' DASH, 6' SKIP)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE LINE)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
- EROSION CONTROL LEGEND:**
- ◊ INLET FILTERS (28000510)
 - TOPSOIL FURNISH AND PLACE, 4" (21101615)
 - SEEDING, CLASS 1A (25000110)
 - NITROGEN FERTILIZER NUTRIENT (25000400)
 - POTASSIUM FERTILIZER NUTRIENT (25000600)
 - EROSION CONTROL BLANKET (25100630)



FILE NAME =	USER NAME = pmagnelli	DESIGNED - GR	REVISED - DG 2/14/24	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIGGINS STREET RESURFACING PROPOSED ROADWAY, PAVEMENT MARKING, & EROSION CONTROL PLANS			F.A.U. RTE. 0002	SECTION 21-00068-00-RS	COUNTY MCHENRY	TOTAL SHEETS 21	SHEET NO. 13
N:\HARVARD\110001.00075\C:\v1\PLN3.110001.00075.DGN	PLOT SCALE = 48'	DRAWN - PM	REVISED -		SCALE: 40'	SHEET 3 OF 4 SHEETS	STA. 125+00 TO STA. 137+00	CONTRACT NO. 61K14				
Default	PLOT DATE = 12/15/2023	CHECKED - GR	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



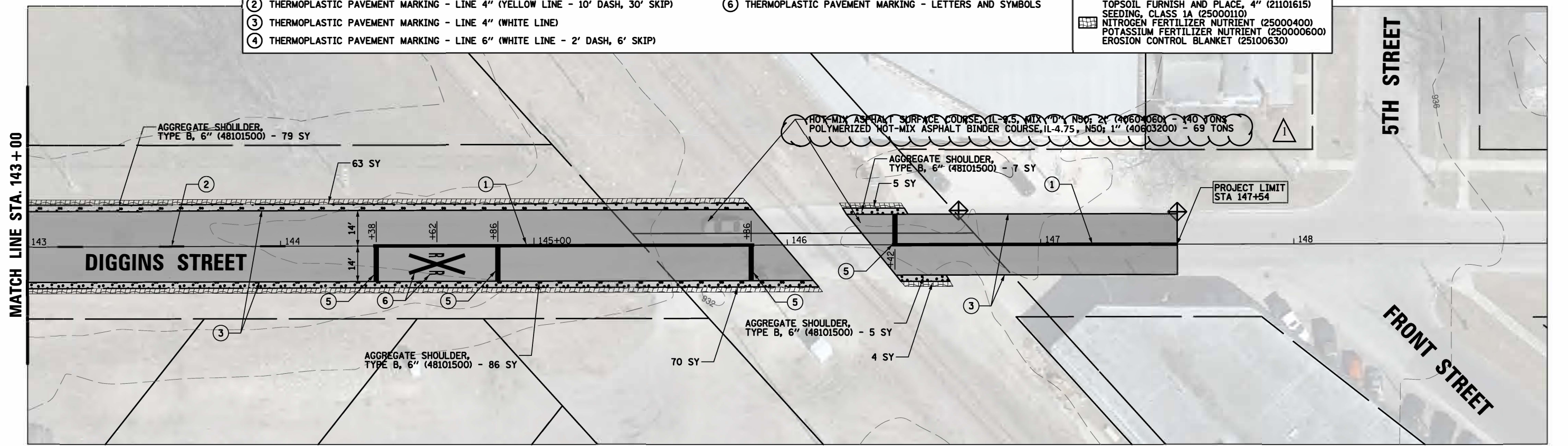
PAVEMENT MARKING LEGEND:

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW LINE 11" C-C)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW LINE - 10' DASH, 30' SKIP)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE LINE)
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- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE LINE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

EROSION CONTROL LEGEND:

- ⬠ INLET FILTERS (28000510)
- TOPSOIL FURNISH AND PLACE, 4" (21101615)
- SEEDING, CLASS 1A (25000110)
- NITROGEN FERTILIZER NUTRIENT (25000400)
- POTASSIUM FERTILIZER NUTRIENT (25000600)
- EROSION CONTROL BLANKET (25100630)



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Default	PLOT SCALE = 40'	CHECKED - GR	REVISED -
	PLOT DATE = 12/15/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIGGINS STREET RESURFACING
PROPOSED ROADWAY, PAVEMENT MARKING, & EROSION CONTROL PLANS**

SCALE: 40' SHEET 4 OF 4 SHEETS STA.137+00 TO STA.147+54

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0002	21-00068-00-RS	MCHENRY	21	14
			CONTRACT NO. 61K14	
ILLINOIS FED. AID PROJECT				