

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF BULL VALLEY, CITY OF WOODSTOCK, DORR TOWNSHIP AND NUNDA TOWNSHIP

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
FAU ROUTE 0034 (COUNTRY CLUB ROAD)
WEST VILLAGE LIMITS TO EAST VILLAGE LIMITS
FAU ROUTE 3860 (BULL VALLEY ROAD)
VALLEY HILL ROAD TO EAST NUNDA TOWNSHIP LIMITS
RESURFACING
SECTION NO. 13-00006-00-RS
PROJECT NO.: M-4003(194)
VILLAGE OF BULL VALLEY
MCHENRY COUNTY
C-91-330-13**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	1
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED AID PROJECT M-4003(194)	
CONTRACT NO. 63846				



TRAFFIC DATA

COUNTRY CLUB ROAD
POSTED SPEED LIMIT = 40-45 MPH
2013 ADT = 8,265 VPD
BULL VALLEY ROAD
POSTED SPEED LIMIT = 40-45 MPH
2013 ADT = 6,290 VPD

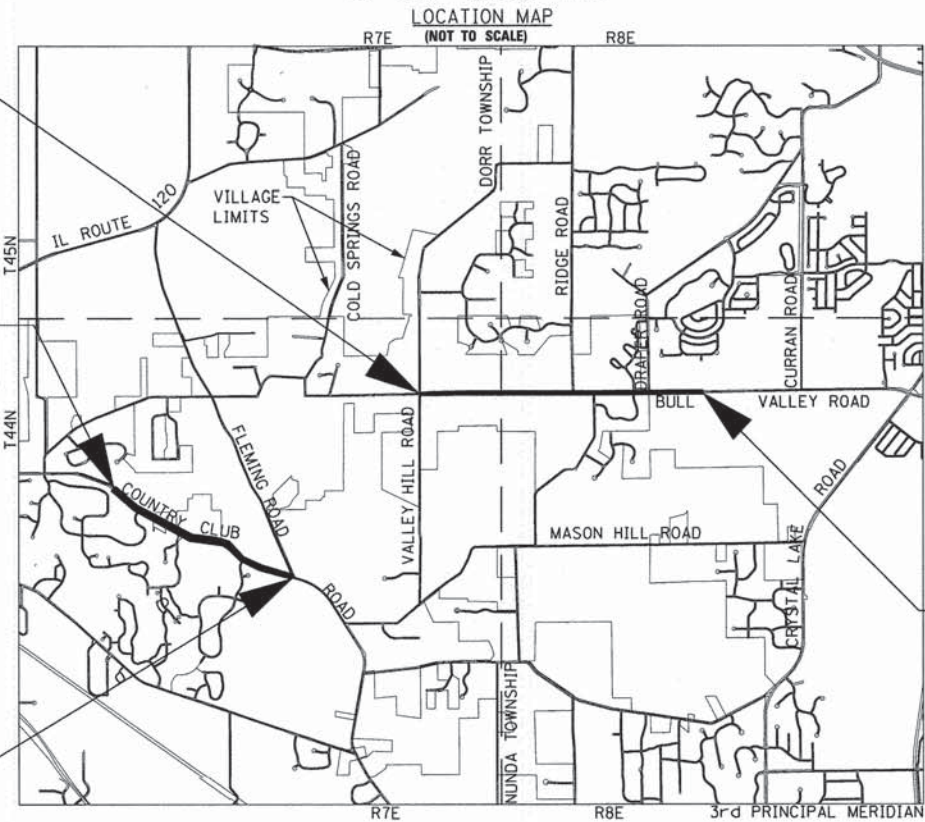
**DESIGN DESIGNATION
MAJOR COLLECTOR**

**FAU 3860 BULL VALLEY ROAD
IMPROVEMENT BEGINS
STA. 99 + 45**

**FAU 0034 COUNTRY CLUB ROAD
BEGIN IMPROVEMENTS
STA 24 + 80**

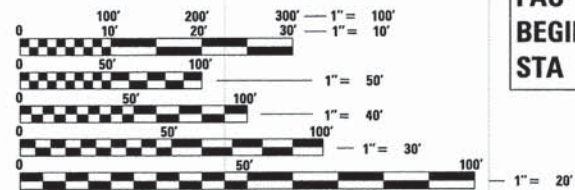
**FAU 3860 BULL VALLEY ROAD
IMPROVEMENT ENDS
STA 195 + 83**

**FAU 0034 COUNTRY CLUB ROAD
END IMPROVEMENTS
STA 94 + 80**



DORR TOWNSHIP & NUNDA TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 16,638 LF OR 3.151 MILES
NET LENGTH OF IMPROVEMENT = 16,638 LF OR 3.151 MILES

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2015



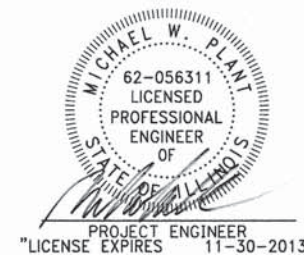
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A0650226/A1501027



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY = MCHENRY
CITY-TWNSHP. = BULL VALLEY-DORR & NUNDA, WOODSTOCK-DORR
SEC. & 1/4 SEC. NO. = COUNTRY CLUB ROAD N 1/2 SEC 10, NW 1/4 SEC 11, S 1/2 SEC 11 T44N, R7E
48 HOURS (2 working days) BEFORE YOU DIG BULL VALLEY ROAD S 1/2 SEC 1, T44N, R7E S 1/2 SEC 6, SW 1/4 SEC 5, T44N, R8E

CONTRACT NO. 63846



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED August 15, 2013
[Signature]
VILLAGE OF BULL VALLEY, REPRESENTATIVE

PASSED AUGUST 23, 2013
[Signature]
DISTRICT 1 ENGINEER FOR LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW August 23, 2013
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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 LICENSE NO. 184-001121 - EXPIRES 4/30/2015
 PROJECT NO. M-4003(194) - SECTION 13-00006-00-RS
 PROGRAM AND OFFICE ENGINEER CHARLES RIDDLE, P.E. (847-705-4406), SCHAUMBURG, IL

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND THE "MANUAL OF TEST PROCEDURES FOR MATERIALS"
- UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER AND THE VILLAGE ADMINISTRATOR TELEPHONE NO. 815-459-4833.

4. ALL CONSTRUCTION PERSONNEL WILL BE REQUIRED TO WEAR A FLUORESCENT VEST PER ARTICLE 701.12 AND 701.13 OF THE STANDARD SPECIFICATIONS AT ALL TIMES WHILE ON THE CONSTRUCTION SITE. COMPLIANCE WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE CONTRACT.

5. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING TEMPORARY ACCESS.

6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE ENGINEER WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE ENGINEER TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.

7. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

8. EXISTING PAVEMENT AND DRIVEWAY PAVEMENT TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.

9. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.

10. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.

11. IN AREAS WHERE THE EXISTING DRIVEWAY IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY SUBGRADE ELEVATION SHALL BE INCLUDED IN THE REMOVAL PAY ITEMS.

12. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.

13. A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.

14. ALL CRACKS AND JOINTS SHALL BE CLEANED PRIOR TO FILLING THEM. THIS WORK SHALL BE INCLUDED IN THE ITEM "MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS."

15. THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY.

16. ON RURAL PAVEMENTS BEING RESURFACED THAT DO NOT HAVE A PAVED SHOULDER, MAILBOX TURNOUTS SHALL BE PROVIDED AT EACH EXISTING MAILBOX FOR THE FULL WIDTH OF THE SHOULDER UP TO 6 INCHES FROM THE FACE OF THE EXISTING MAILBOX. MAILBOX TURNOUTS SHALL BE AT LEAST 2 INCHES THICK AND SHALL BE PAID FOR AS HMA SURFACE COURSE.

17. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND SHALL NOT EXCEED 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. A MAXIMUM GRADE DIFFERENCE OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H), AS DETERMINED BY THE ENGINEER.

- NO STREET CLOSURES WILL BE ALLOWED.
- THE CONTRACTOR SHALL CONTACT THE LOCAL AGENCY MATERIAL INSPECTOR AT LEAST 48 HOURS PRIOR TO ANY HOT-MIX ASPHALT MATERIAL DELIVERIES.
- THE LOCATIONS OF THE CLASS D PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETING EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- AGGREGATE WEDGE SHOULDER, TYPE B SHALL MEET THE REQUIREMENTS OF ARTICLE 1004.4 OF THE STANDARD SPECIFICATIONS. RECLAIMED ASPHALT PAVEMENT (RAP) SHALL NOT BE ALLOWED AS AN ACCEPTABLE MATERIAL FOR AGGREGATE WEDGE SHOULDER, TYPE B.

24. THE CONTRACTOR SHALL UTILIZE A MECHANICAL SWEEPER TO CLEAN STREETS AFFECTED BY CONTRACTOR'S OPERATIONS, INCLUDING HAUL ROUTES, AT LEAST TWICE PER WEEK AND ADDITIONALLY AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF MOBILIZATION.

25. ANY SIGNS THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH VILLAGE STANDARDS AND INCLUDED IN THE PAY ITEM FOR MOBILIZATION.

26. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ROADWAYS AND DRIVEWAYS AT ALL TIMES WITH THE USE OF TEMPORARY AGGREGATE. THIS WORK SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL OR REPLACEMENT PAY ITEMS.

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- TC14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
- TC16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- TC22 ARTERIAL ROAD INFORMATION SIGN

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 442201-04 CLASS C AND D PATCHES
- 701011-03 OFF-RD MOVING OPERATIONS, 2L, 2W DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701336-06 LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS > 45 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-02 TRAFFIC CONTROL DEVICES
- BLR 24-2 MAILBOX TURNOUT FOR LOCAL ROADS

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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864.SH_GenNotes.sht

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES AND DISTRICT ONE DETAILS**

SCALE: NONE	STA.	TO STA.	F.A.U. RTE. 0034/3860	SECTION 13-0006-00-RS	COUNTY MCHENRY	TOTAL SHEETS 33	SHEET NO. 2
			CONTRACT NO. 63846				
			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031940				

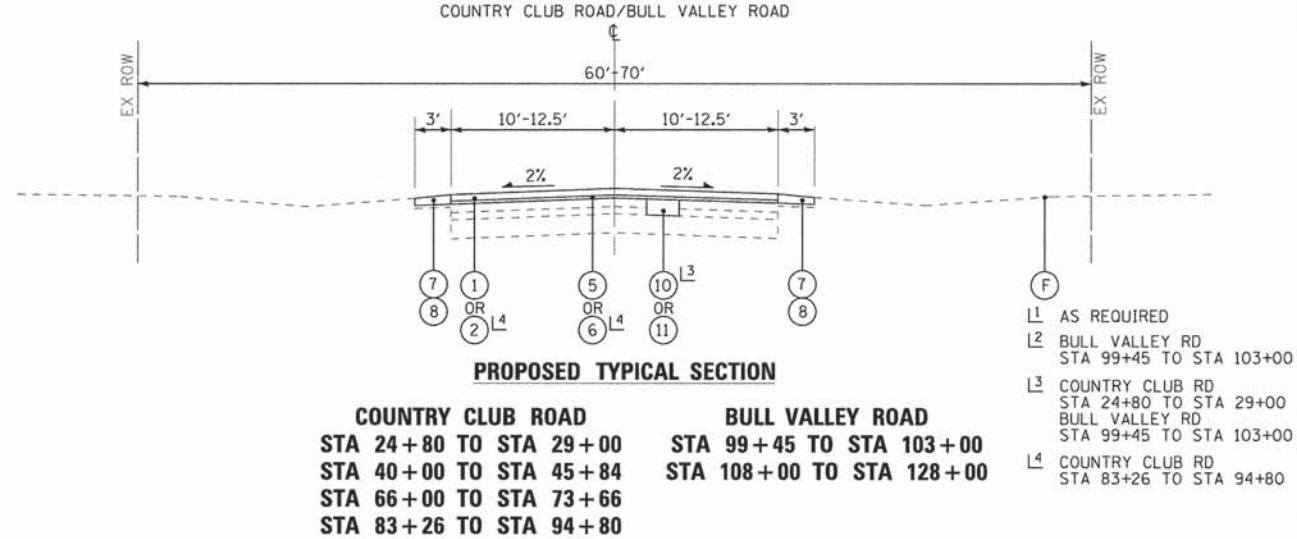
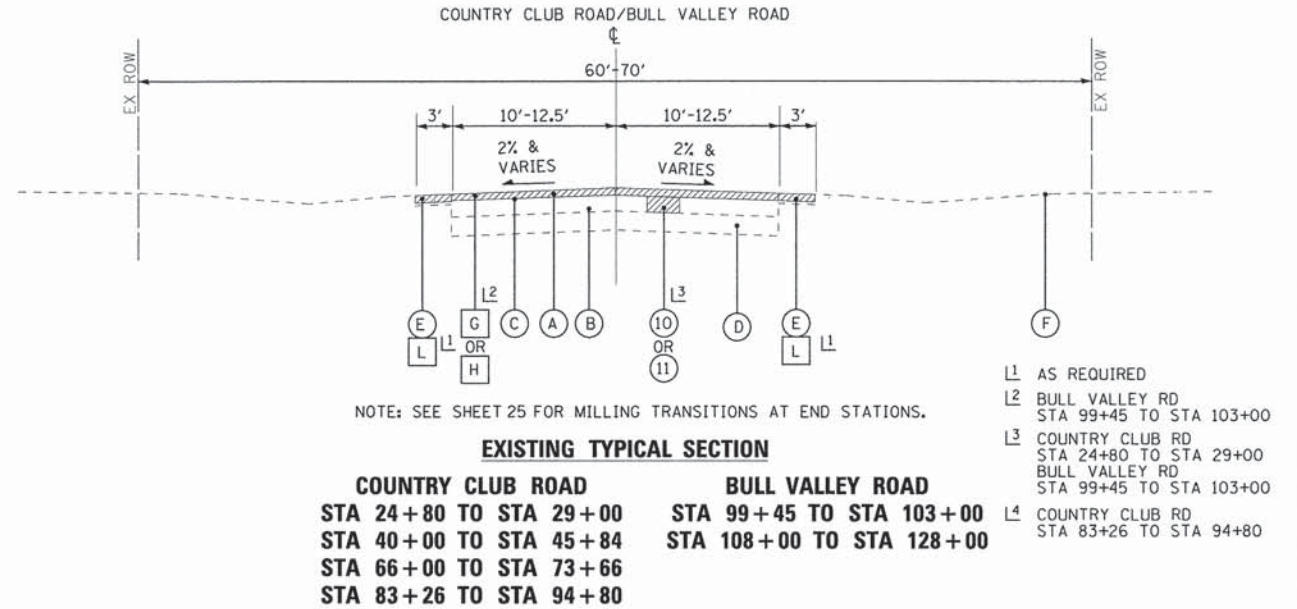
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

CONTRACTOR WILL MILL FIRST

MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 1-1/2", 1-3/4", 2", 2-1/4"	4% @ 50 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50; 3/4", 1"	3.5% @ 50 GYR
PATCHING	
CLASS D PATCHES (HOT-MIX ASPHALT BINDER, IL 19mm); 4" (1 lift), 6" (2 lifts), 10" (3 lifts), 12" (4 lifts)	4% @ 70 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm); 1-1/2", 1-3/4", 2", 2-1/4"	4% @ 50 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50; 3/4", 1"	3.5% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112LB/SY-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 DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



EXISTING PAVEMENT THICKNESS TABLE

STREET	EXISTING HOT-MIX ASPHALT SURFACE	EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE	HOT-MIX ASPHALT SURFACE REMOVAL	STREET	EXISTING HOT-MIX ASPHALT SURFACE	EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE	HOT-MIX ASPHALT SURFACE REMOVAL
COUNTRY CLUB ROAD STA 24+80 TO 29+00	4.5", PORTIONS FAILED WITH NO BOND BETWEEN LAYERS	2"	2.25"	BULL VALLEY ROAD STA 99+45 TO 128+00	4.0" - 5.75", WITH FABRIC AT 1.25", 1.50" AND 1.75" PENDING LOCATION	2.0" - 4.0" PORTIONS FAILED	2.25" EXCEPT STA 99+45 TO STA 103+00 - 2" AND STA 103+00 TO 108+00 - 3"
COUNTRY CLUB ROAD STA 29+00 TO 40+00	4.5" - 5.0" PORTIONS FAILED WITH NO BOND BETWEEN LAYERS	1.5" - 7" PORTIONS FAILED	2.25"	BULL VALLEY ROAD STA 128+00 TO 152+50	1.25" - 2.25", WITH FABRIC AT 1", 1.25" AND 1.75" PENDING LOCATION	3.5" - 4.0", FAILED	2.25"
COUNTRY CLUB ROAD STA 40+00 TO 60+00	5.25" - 7.75", PORTIONS WITH FABRIC AT 4.0"	2.25"	2.25"	BULL VALLEY ROAD STA 152+50 TO 179+60	3" - 4", WITH FABRIC AT 1.75", 2" AND 2.25" PENDING LOCATION; PORTIONS WITH NO BOND BETWEEN LAYERS	4" - 12.0", PORTIONS FAILED	3" EXCEPT STA 160+50 TO 164+50 - 3.25"
COUNTRY CLUB ROAD STA 60+00 TO 66+00	8.5" FABRIC AT 3.0"	4.75"	0	BULL VALLEY ROAD STA 179+60 TO 195+83	7.75" FABRIC AT 4.5"	5.25" - 5.5"	0"
COUNTRY CLUB ROAD STA 66+00 TO 73+66	5.25" - 6.0" FABRIC AT 1.25"	3.5" - 4.5" PORTIONS FAILED	2.25"				
COUNTRY CLUB ROAD STA 73+66 TO 83+26	8.5" - 10.0" FABRIC AT 4.0"	2.0" - 4.5"	2.25"				
COUNTRY CLUB ROAD STA 83+26 TO 94+80	4.0" - 4.25"	3.25" - 3.5" PORTIONS FAILED	2.25"				

NOTE: PAVEMENT CORES AVAILABLE UPON REQUEST

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE (SEE EXISTING PAVEMENT THICKNESS TABLE)
- (B) EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE (SEE EXISTING PAVEMENT THICKNESS TABLE)
- (C) EXISTING AREA REFLECTIVE CRACK CONTROL
- (D) EXISTING CRUSHED AND UNCRUSHED GRAVEL AND SAND, 6" - 17 1/2"
- (E) EXISTING AGGREGATE SHOULDER, 4"
- (F) EXISTING GROUND SURFACE
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS (H))
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS (J))
- (L) AGGREGATE SHOULDER REMOVAL, 2" MIN EXACT THICKNESS VARIES (MATCH HOT-MIX ASPHALT SURFACE REMOVAL UNLESS OTHERWISE NOTED) (NOT PAID FOR SEPARATELY)
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
- (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (7) GRADING AND SHAPING SHOULDERS
- (8) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) CLASS D PATCHES, 4 INCH
- (11) CLASS D PATCHES, 6 INCH
- (12) CLASS D PATCHES, 10 INCH
- (13) CLASS D PATCHES, 12 INCH (PAID FOR AS (12))

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DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_TypSec.shd

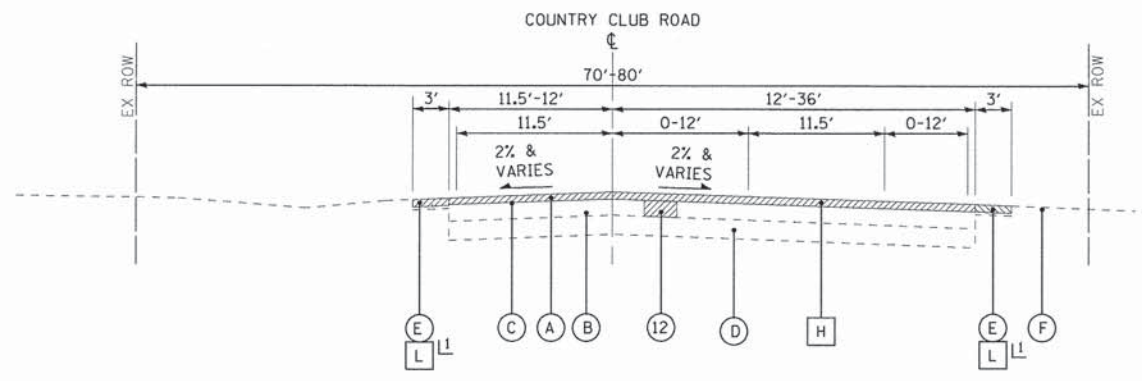
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS, EXISTING PAVEMENT THICKNESS TABLE AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS

SCALE: NONE

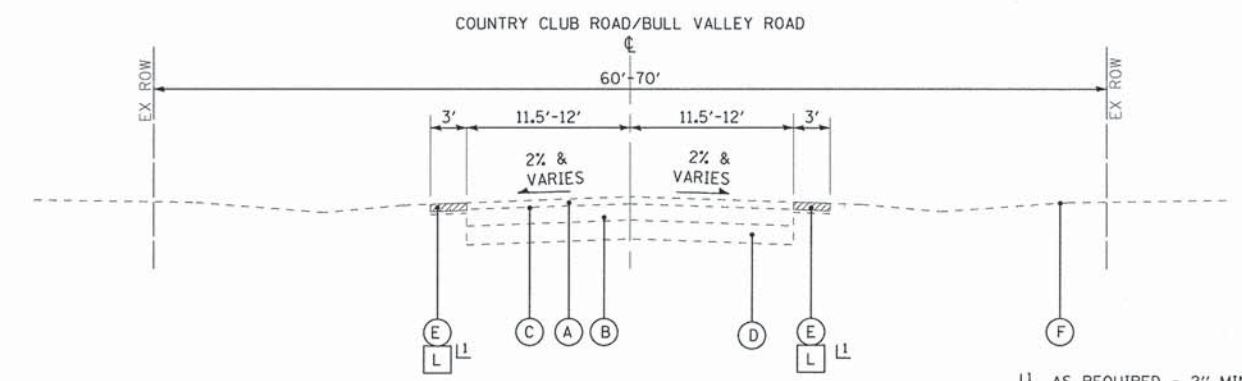
STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	5
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(194)				



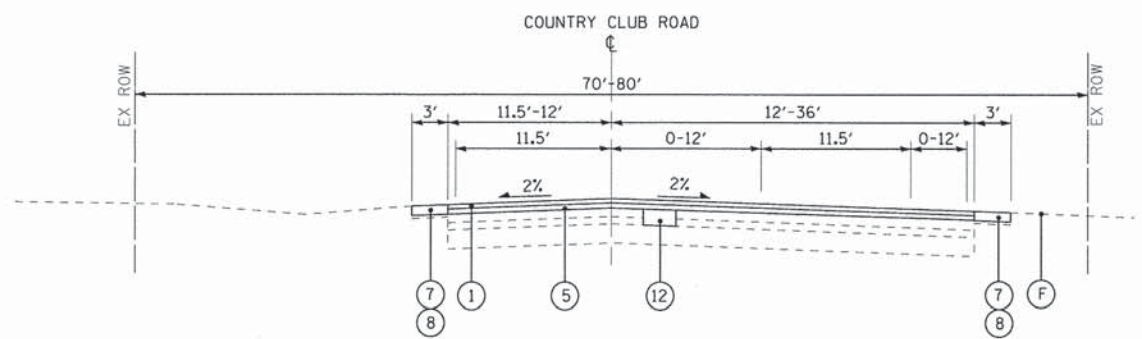
NOTE: SEE SHEET 25 FOR MILLING TRANSITIONS AT END STATIONS. LL AS REQUIRED

**EXISTING TYPICAL SECTION
COUNTRY CLUB ROAD
STA 50+55 TO STA 60+00**

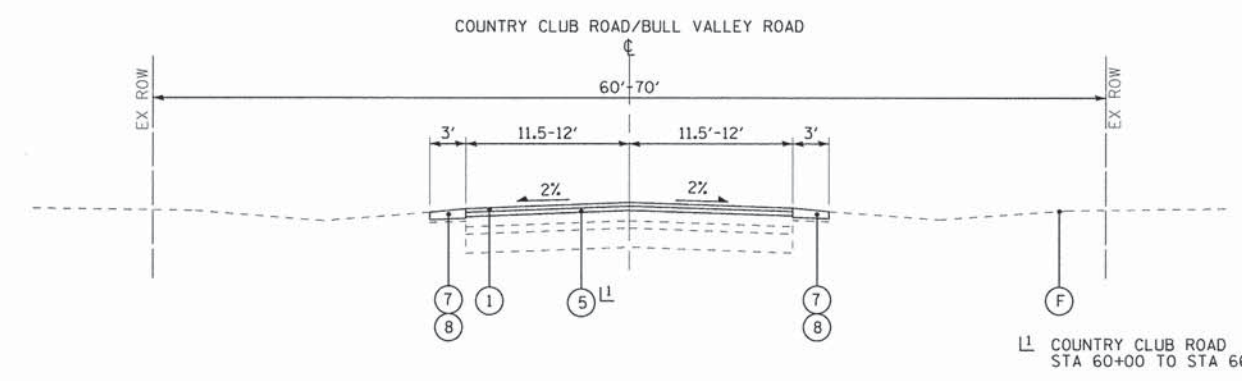


NOTE: SEE SHEET 25 FOR MILLING TRANSITIONS AT END STATIONS. LL AS REQUIRED - 2" MIN

**EXISTING TYPICAL SECTION
COUNTRY CLUB ROAD BULL VALLEY ROAD
STA 60+00 TO STA 66+00 STA 179+60 TO STA 195+83**



**PROPOSED TYPICAL SECTION
COUNTRY CLUB ROAD
STA 50+55 TO STA 60+00**



LL COUNTRY CLUB ROAD STA 60+00 TO STA 66+00

**PROPOSED TYPICAL SECTION
COUNTRY CLUB ROAD BULL VALLEY ROAD
STA 60+00 TO STA 66+00 STA 179+60 TO STA 195+83**

EXISTING PAVEMENT THICKNESS TABLE

STREET	EXISTING HOT-MIX ASPHALT SURFACE	EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE	HOT-MIX ASPHALT SURFACE REMOVAL	STREET	EXISTING HOT-MIX ASPHALT SURFACE	EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE	HOT-MIX ASPHALT SURFACE REMOVAL
COUNTRY CLUB ROAD STA 24+80 TO 29+00	4.5", PORTIONS FAILED WITH NO BOND BETWEEN LAYERS	2"	2.25"	BULL VALLEY ROAD STA 99+45 TO 128+00	4.0" - 5.75", WITH FABRIC AT 1.25", 1.50" AND 1.75" PENDING LOCATION	2.0" - 4.0" PORTIONS FAILED	2.25" EXCEPT STA 99+45 TO STA 103+00 - 2" AND STA 103+00 TO 108+00 - 3"
COUNTRY CLUB ROAD STA 29+00 TO 40+00	4.5" - 5.0" PORTIONS FAILED WITH NO BOND BETWEEN LAYERS	1.5" - 7" PORTIONS FAILED	2.25"	BULL VALLEY ROAD STA 128+00 TO 152+50	1.25" - 2.25", WITH FABRIC AT 1", 1.25" AND 1.75" PENDING LOCATION	3.5" - 4.0", FAILED	2.25"
COUNTRY CLUB ROAD STA 40+00 TO 60+00	5.25" - 7.75", PORTIONS WITH FABRIC AT 4.0"	2.25"	2.25"	BULL VALLEY ROAD STA 152+50 TO 179+60	3" - 4", WITH FABRIC AT 1.75", 2" AND 2.25" PENDING LOCATION; PORTIONS WITH NO BOND BETWEEN LAYERS	4" - 12.0", PORTIONS FAILED	3" EXCEPT STA 160+50 TO 164+50 - 3.25"
COUNTRY CLUB ROAD STA 60+00 TO 66+00	8.5" FABRIC AT 3.0"	4.75"	0	BULL VALLEY ROAD STA 179+60 TO 195+83	7.75" FABRIC AT 4.5"	5.25" - 5.5"	0"
COUNTRY CLUB ROAD STA 66+00 TO 73+66	5.25" - 6.0" FABRIC AT 1.25"	3.5" - 4.5" PORTIONS FAILED	2.25"				
COUNTRY CLUB ROAD STA 73+66 TO 83+26	8.5" - 10.0" FABRIC AT 4.0"	2.0" - 4.5"	2.25"				
COUNTRY CLUB ROAD STA 83+26 TO 94+80	4.0" - 4.25"	3.25" - 3.5" PORTIONS FAILED	2.25"				

NOTE: PAVEMENT CORES AVAILABLE UPON REQUEST

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE (SEE EXISTING PAVEMENT THICKNESS TABLE)
- (B) EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE (SEE EXISTING PAVEMENT THICKNESS TABLE)
- (C) EXISTING AREA REFLECTIVE CRACK CONTROL
- (D) EXISTING CRUSHED AND UNCRUSHED GRAVEL AND SAND, 6" - 17 1/2"
- (E) EXISTING AGGREGATE SHOULDER, 4"
- (F) EXISTING GROUND SURFACE
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS (H))
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS (J))
- (L) AGGREGATE SHOULDER REMOVAL, 2" MIN EXACT THICKNESS VARIES (MATCH HOT-MIX ASPHALT SURFACE REMOVAL UNLESS OTHERWISE NOTED) (NOT PAID FOR SEPARATELY)
- [] ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
- (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (7) GRADING AND SHAPING SHOULDERS
- (8) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) CLASS D PATCHES, 4 INCH
- (11) CLASS D PATCHES, 6 INCH
- (12) CLASS D PATCHES, 10 INCH
- (13) CLASS D PATCHES, 12 INCH (PAID FOR AS (12))

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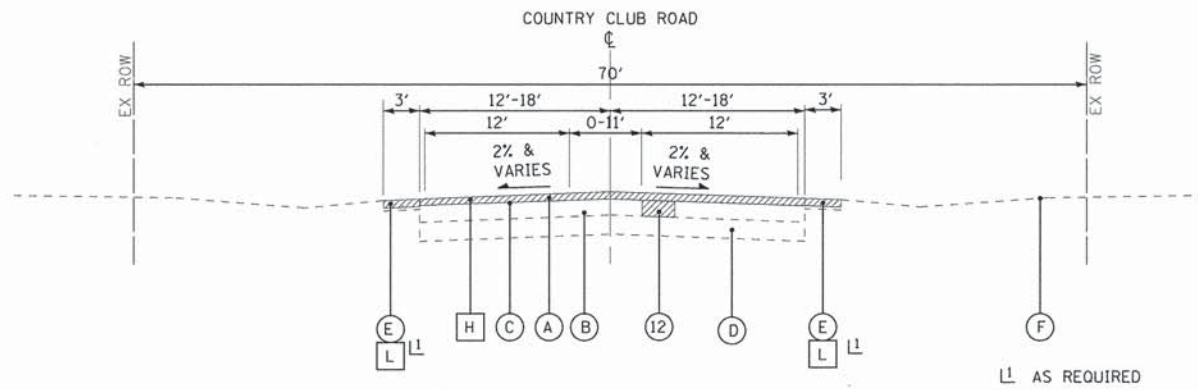


DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
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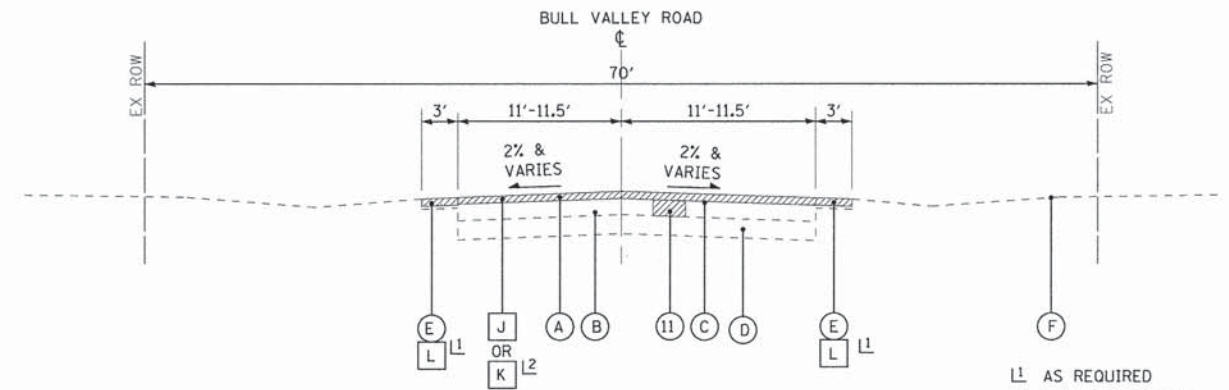
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND
EXISTING PAVEMENT THICKNESS TABLE**

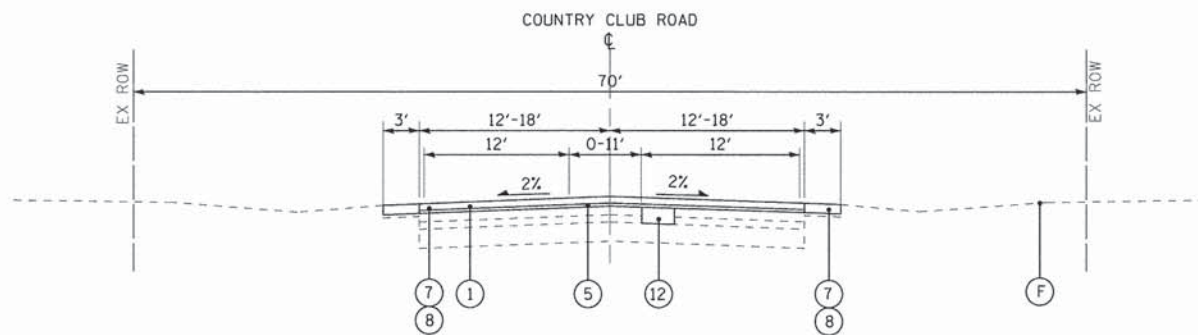
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FED. ROAD DIST. NO. 1 [ILLINOIS]						FED. AID PROJECT M-4003(194)
CONTRACT NO. 63846						



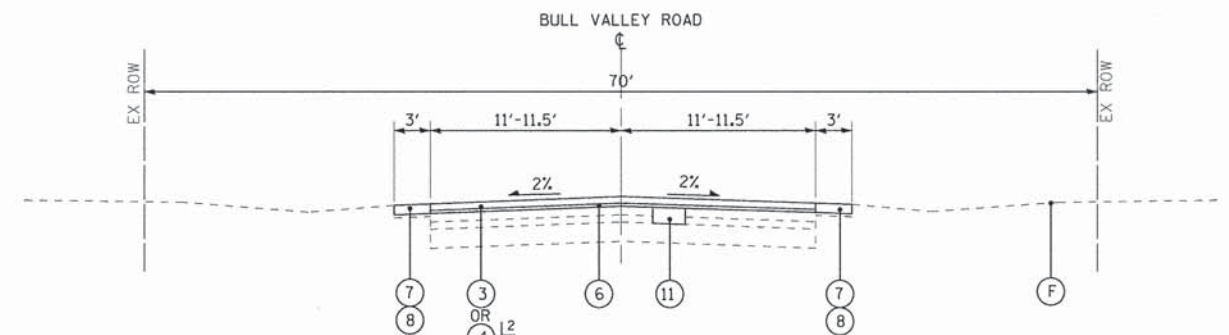
**EXISTING TYPICAL SECTION
COUNTRY CLUB ROAD
STA 73+66 TO STA 83+26**



**EXISTING TYPICAL SECTION
BULL VALLEY ROAD
STA 103+00 TO STA 108+00
STA 152+50 TO STA 170+75
STA 175+00 TO STA 179+60**



**PROPOSED TYPICAL SECTION
COUNTRY CLUB ROAD
STA 73+66 TO STA 83+26**



**PROPOSED TYPICAL SECTION
BULL VALLEY ROAD
STA 103+00 TO STA 108+00
STA 152+50 TO STA 170+75
STA 175+00 TO STA 179+60**

EXISTING PAVEMENT THICKNESS TABLE

STREET	EXISTING HOT-MIX ASPHALT SURFACE	EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE	HOT-MIX ASPHALT SURFACE REMOVAL	STREET	EXISTING HOT-MIX ASPHALT SURFACE	EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE	HOT-MIX ASPHALT SURFACE REMOVAL
COUNTRY CLUB ROAD STA 24+80 TO 29+00	4.5", PORTIONS FAILED WITH NO BOND BETWEEN LAYERS	2"	2.25"	BULL VALLEY ROAD STA 99+45 TO 128+00	4.0" - 5.75", WITH FABRIC AT 1.25", 1.50" AND 1.75" PENDING LOCATION	2.0" - 4.0" PORTIONS FAILED	2.25" EXCEPT STA 99+45 TO STA 103+00 - 2" AND STA 103+00 TO 108+00 - 3"
COUNTRY CLUB ROAD STA 29+00 TO 40+00	4.5" - 5.0" PORTIONS FAILED WITH NO BOND BETWEEN LAYERS	1.5" - 7" PORTIONS FAILED	2.25"	BULL VALLEY ROAD STA 128+00 TO 152+50	1.25" - 2.25", WITH FABRIC AT 1", 1.25" AND 1.75" PENDING LOCATION	3.5" - 4.0", FAILED	2.25"
COUNTRY CLUB ROAD STA 40+00 TO 60+00	5.25" - 7.75", PORTIONS WITH FABRIC AT 4.0"	2.25"	2.25"	BULL VALLEY ROAD STA 152+50 TO 179+60	3" - 4", WITH FABRIC AT 1.75", 2" AND 2.25" PENDING LOCATION; PORTIONS WITH NO BOND BETWEEN LAYERS	4" - 12.0", PORTIONS FAILED	3" EXCEPT STA 160+50 TO 164+50 - 3.25"
COUNTRY CLUB ROAD STA 60+00 TO 66+00	8.5" FABRIC AT 3.0"	4.75"	0	BULL VALLEY ROAD STA 179+60 TO 195+83	7.75" FABRIC AT 4.5"	5.25" - 5.5"	0"
COUNTRY CLUB ROAD STA 66+00 TO 73+66	5.25" - 6.0" FABRIC AT 1.25"	3.5" - 4.5" PORTIONS FAILED	2.25"				
COUNTRY CLUB ROAD STA 73+66 TO 83+26	8.5" - 10.0" FABRIC AT 4.0"	2.0" - 4.5"	2.25"				
COUNTRY CLUB ROAD STA 83+26 TO 94+80	4.0" - 4.25"	3.25" - 3.5" PORTIONS FAILED	2.25"				

NOTE: PAVEMENT CORES AVAILABLE UPON REQUEST

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE (SEE EXISTING PAVEMENT THICKNESS TABLE)
- (B) EXISTING HOT-MIX ASPHALT BINDER/TREATED AGGREGATE (SEE EXISTING PAVEMENT THICKNESS TABLE)
- (C) EXISTING AREA REFLECTIVE CRACK CONTROL
- (D) EXISTING CRUSHED AND UNCRUSHED GRAVEL AND SAND, 6" - 17 1/2"
- (E) EXISTING AGGREGATE SHOULDER, 4"
- (F) EXISTING GROUND SURFACE
- (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS (H))
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS (J))
- (L) AGGREGATE SHOULDER REMOVAL, 2" MIN EXACT THICKNESS VARIES (MATCH HOT-MIX ASPHALT SURFACE REMOVAL UNLESS OTHERWISE NOTED) (NOT PAID FOR SEPARATELY)
- ▨ ITEM TO BE REMOVED

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
- (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 3/4"
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (7) GRADING AND SHAPING SHOULDERS
- (8) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) CLASS D PATCHES, 4 INCH
- (11) CLASS D PATCHES, 6 INCH
- (12) CLASS D PATCHES, 10 INCH
- (13) CLASS D PATCHES, 12 INCH (PAID FOR AS (12))

DESIGNED BY: JDM
 DRAWN BY: CJC
 CHECKED BY: MWP
 DATE: 6/12/13
 REVISED BY: IDOT REVIEW 8/19/13
 REVISED BY:
 REVISED BY:
 FILE: 120864.SH.TypSec.shp
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.U. RTE. 0034/3860 SECTION 13-00006-00-RS COUNTY MCHENRY TOTAL SHEETS 33 SHEET NO. 8 CONTRACT NO. 63846
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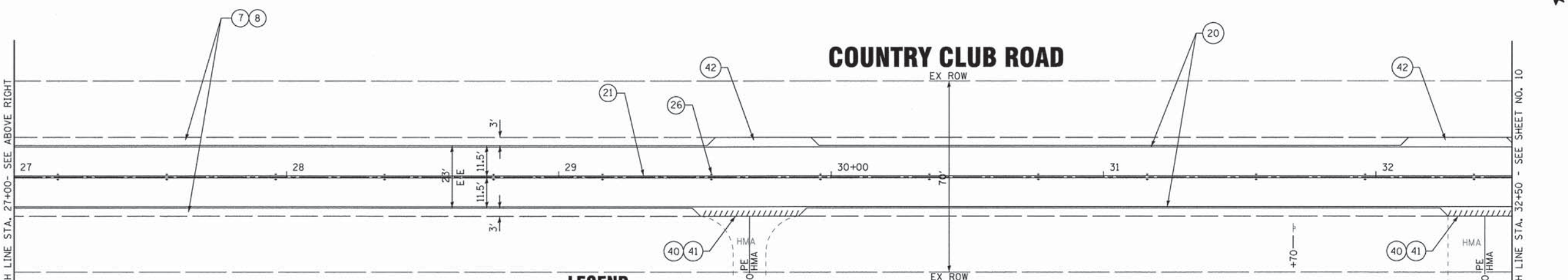
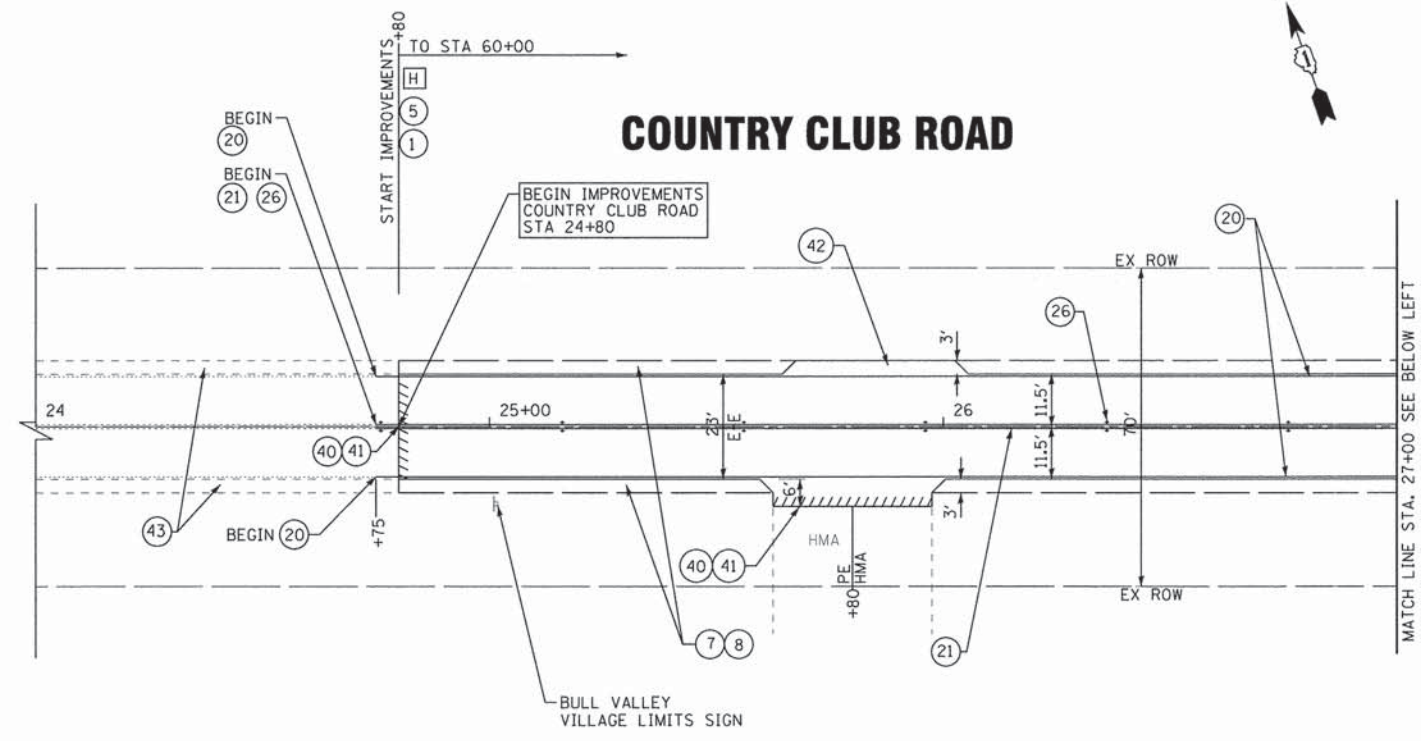
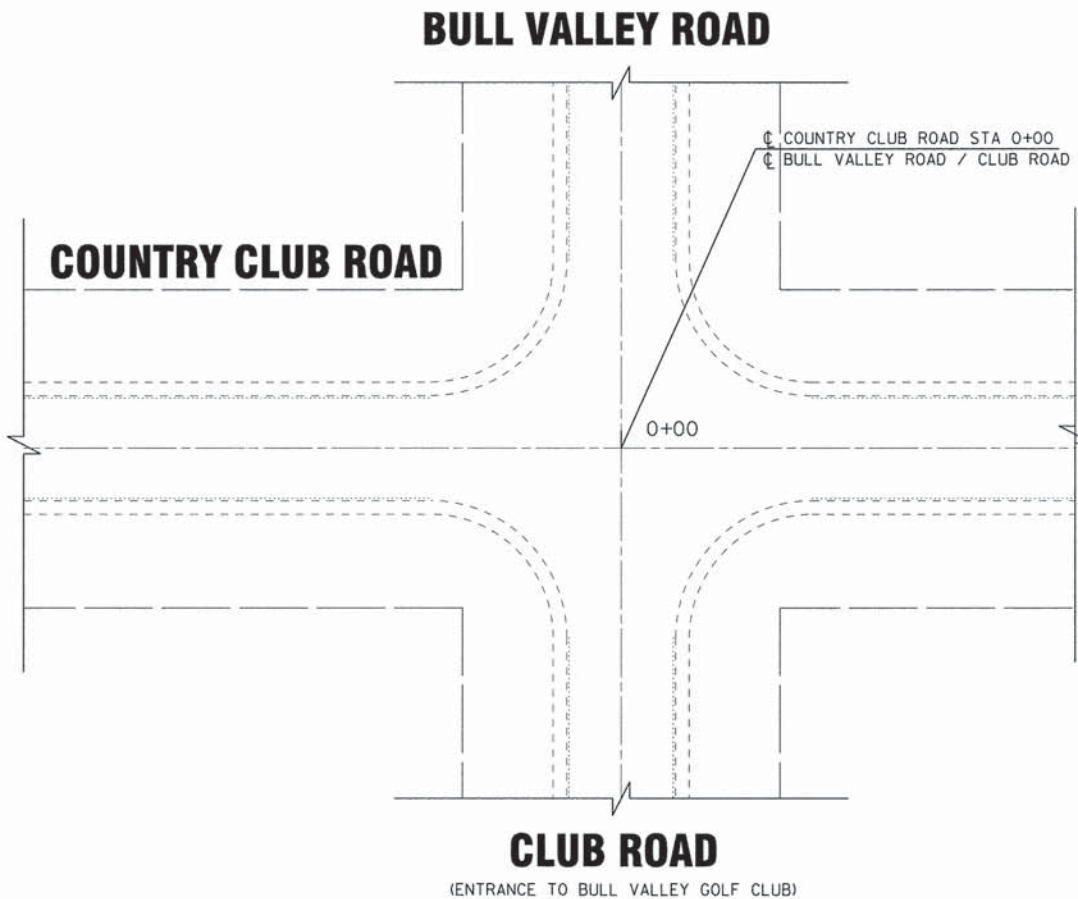


DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND
EXISTING PAVEMENT THICKNESS TABLE**

F.A.U. RTE. 0034/3860	SECTION 13-00006-00-RS	COUNTY MCHENRY	TOTAL SHEETS 33	SHEET NO. 8
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-40031941				



LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
- (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
- (7) GRADING AND SHAPING SHOULDERS
- (8) AGGREGATE WEDGE SHOULDER, TYPE B
- (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)
- (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C)
- (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C)
- (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS
- (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE)
- (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED)
- (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE)
- (40) PROJECT LIMITS
- (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- (42) MAILBOX TURNOUT
- (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP)
- (44) ONE-WAY AMBER MARKER
- (45) ONE-WAY CRYSTAL MARKER (W/O)

- [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H])
- [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [J])

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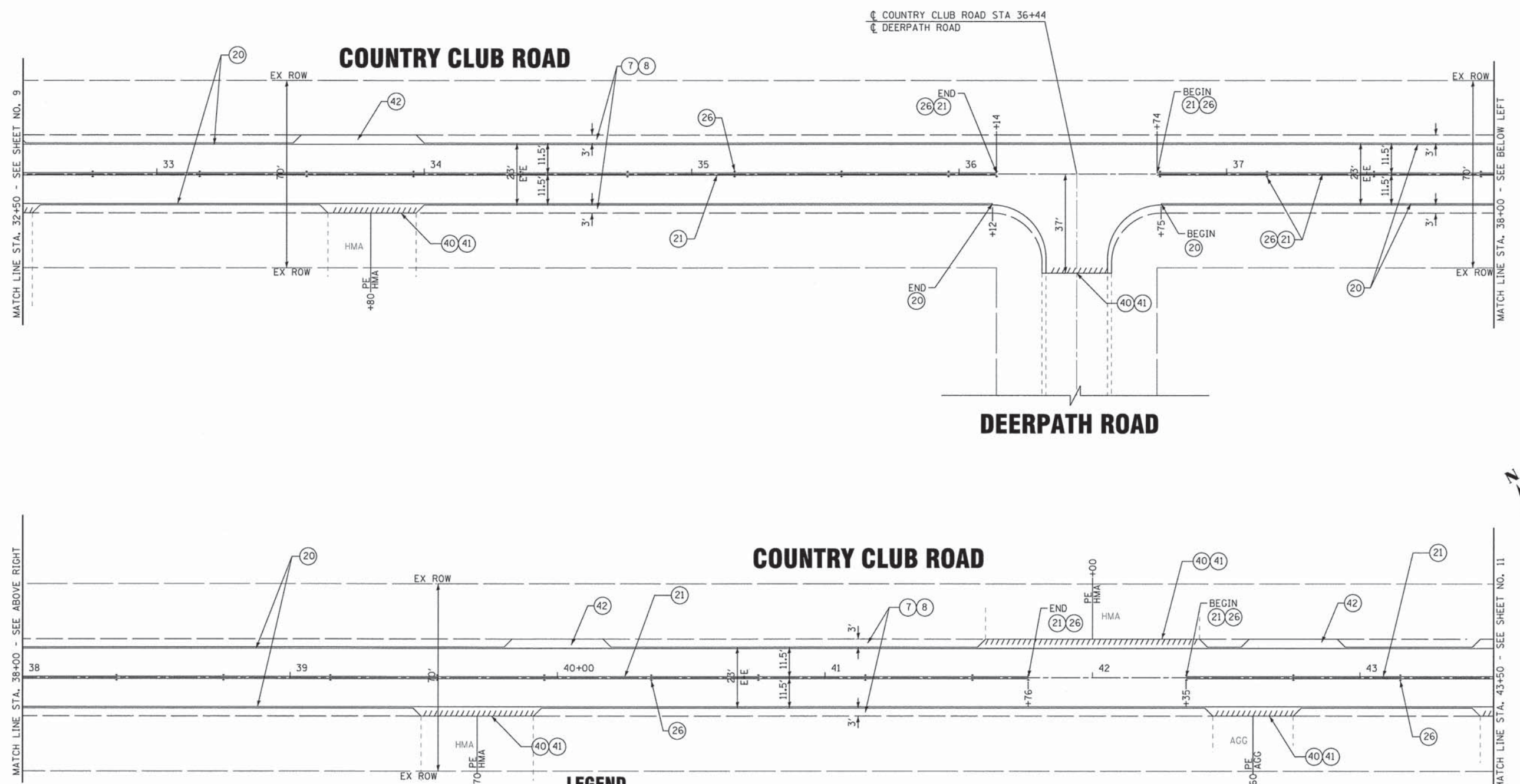
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CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_Plan1.sht

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - COUNTRY CLUB ROAD

SCALE: 1"=20' STA. 24+80 TO STA. 32+50

F.A.U. RTE. 0034/3860	SECTION 13-00006-00-RS	COUNTY MCHENRY	TOTAL SHEETS 33	SHEET NO. 9
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				



- [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H])
- [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [J])

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
- ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
- ⑤ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"
- ⑥ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
- ⑦ GRADING AND SHAPING SHOULDERS
- ⑧ AGGREGATE WEDGE SHOULDER, TYPE B

LEGEND

- ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)
- ㉑ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- ㉒ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C)
- ㉒A THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C)
- ㉓ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- ㉔ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS
- ㉕ THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE)
- ㉖ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED)

- ㉗ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- ㉘ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE)
- ④① PROJECT LIMITS
- ④② HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- ④③ MAILBOX TURNOUT
- ④④ EXISTING AGGREGATE SHOULDER TO REMAIN (TYP)
- ④⑤ ONE-WAY AMBER MARKER
- ④⑥ ONE-WAY CRYSTAL MARKER (W/O)

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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
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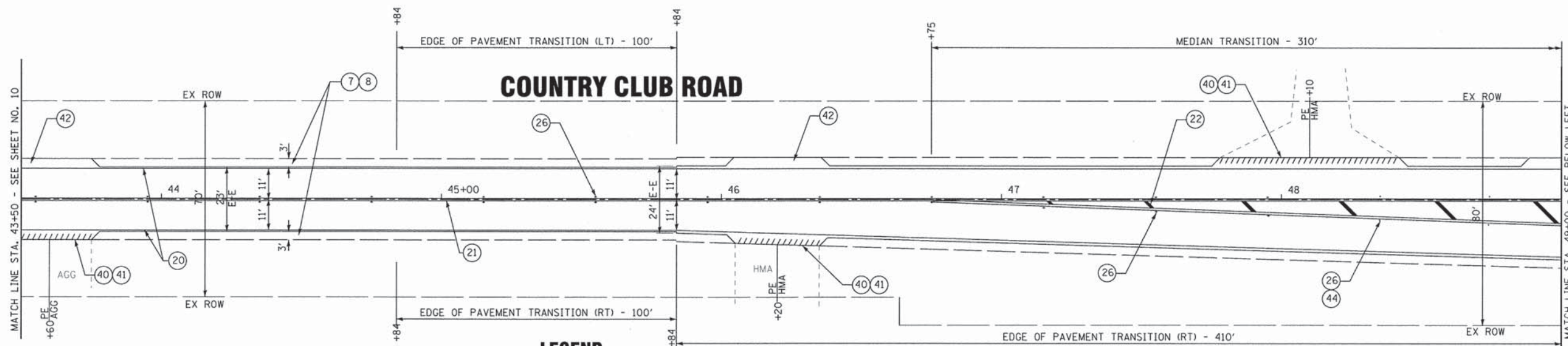
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - COUNTRY CLUB ROAD

SCALE: 1"=20'

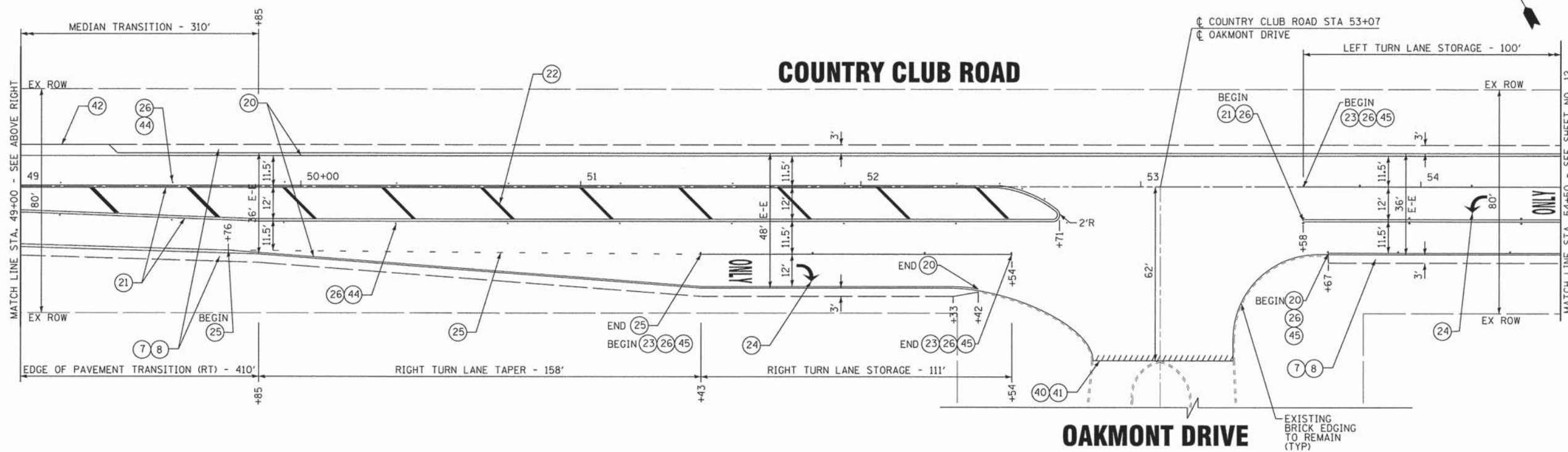
STA. 32+50 TO STA. 43+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	10
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				



LEGEND

- | | | | |
|--|--|--|--|
| G HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS H) | 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" | 20 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | 27 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) |
| H HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | 2 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" | 21 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) | 28 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) |
| J HOT-MIX ASPHALT SURFACE REMOVAL, 3" | 3 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | 22 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) | 40 PROJECT LIMITS |
| K HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS L) | 4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" | 22A THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) | 41 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |
| | 5 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" | 23 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | 42 MAILBOX TURNOUT |
| | 6 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" | 24 THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS | 43 EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) |
| | 7 GRADING AND SHAPING SHOULDERS | 25 THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) | 44 ONE-WAY AMBER MARKER |
| | 8 AGGREGATE WEDGE SHOULDER, TYPE B | 26 RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | 45 ONE-WAY CRYSTAL MARKER (W/O) |



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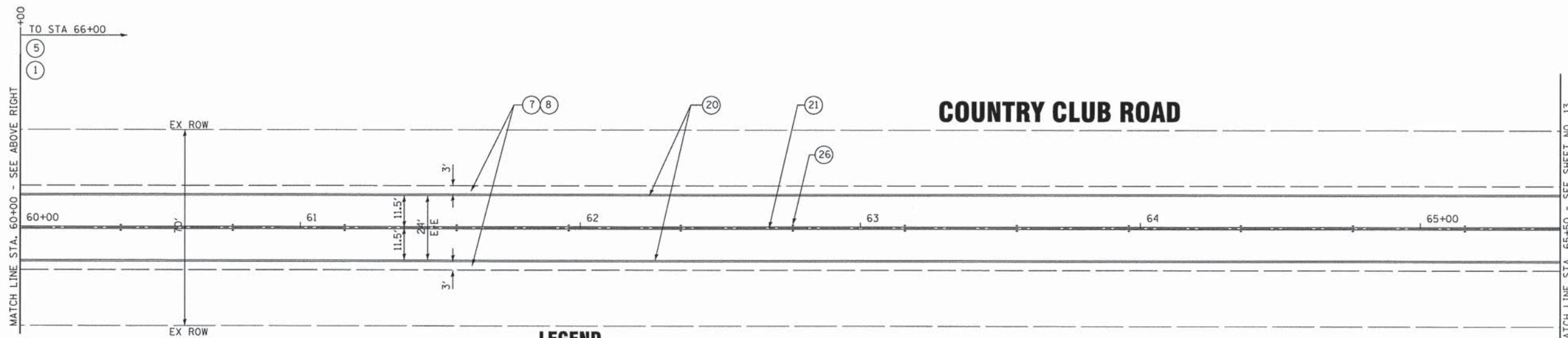
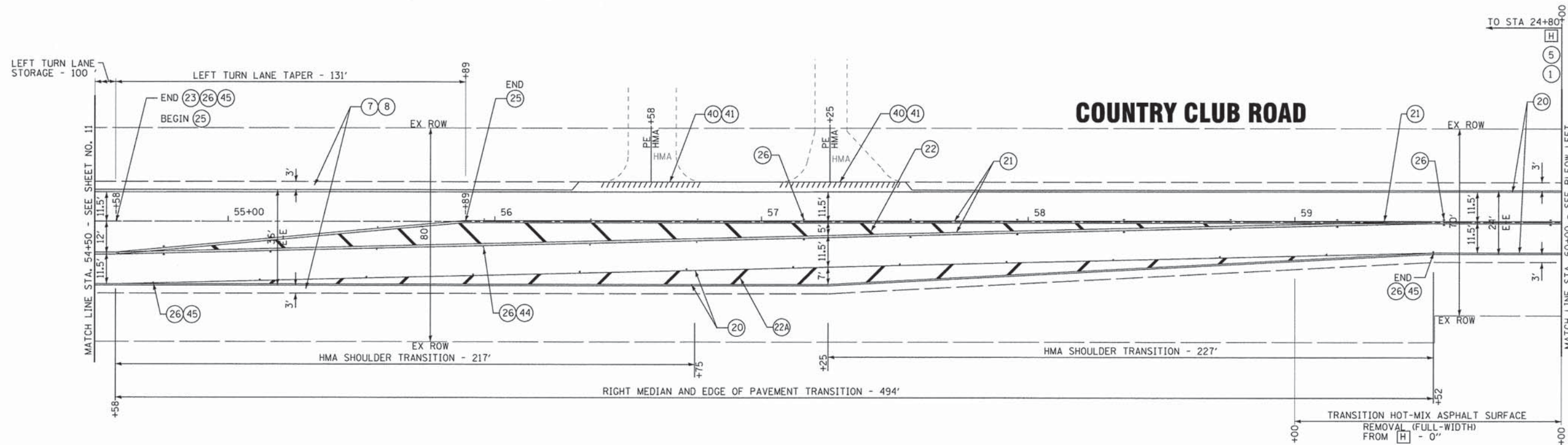
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DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_Plan3.shx

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - COUNTRY CLUB ROAD

SCALE: 1"=20' STA. 43+50 TO STA. 54+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	11
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				



LEGEND

- | | | | |
|---|---|---|---|
| [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H]) | (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" | (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) |
| [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" | (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) | (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) |
| [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3" | (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) | (40) PROJECT LIMITS |
| [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [J]) | (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" | (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) | (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |
| | (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" | (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | (42) MAILBOX TURNOUT |
| | (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" | (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS | (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) |
| | (7) GRADING AND SHAPING SHOULDERS | (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) | (44) ONE-WAY AMBER MARKER |
| | (8) AGGREGATE WEDGE SHOULDER, TYPE B | (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | (45) ONE-WAY CRYSTAL MARKER (W/O) |

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 23404
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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
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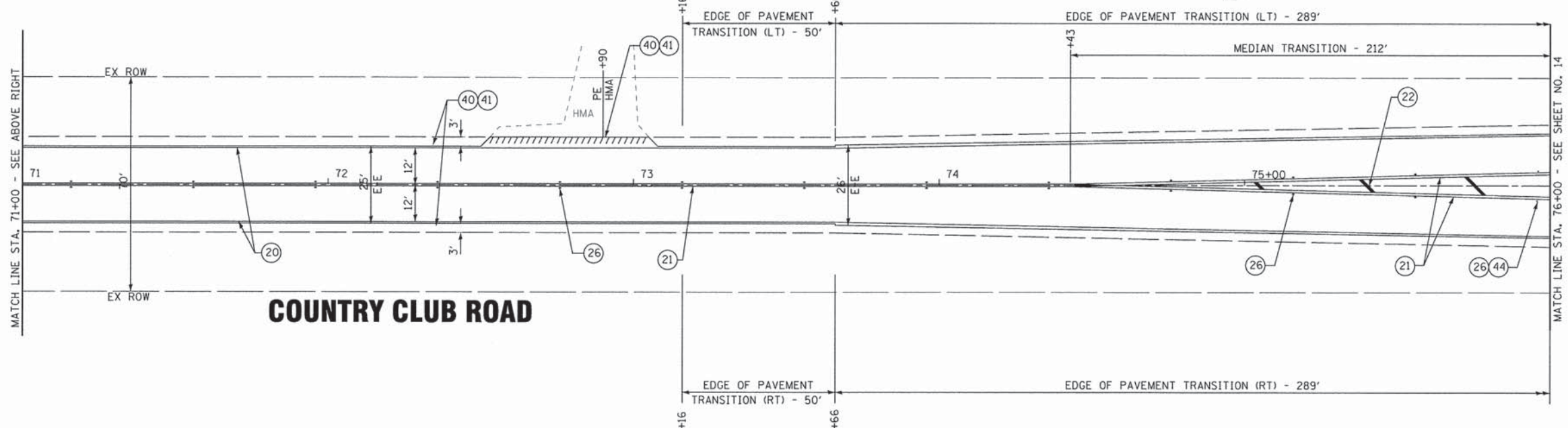
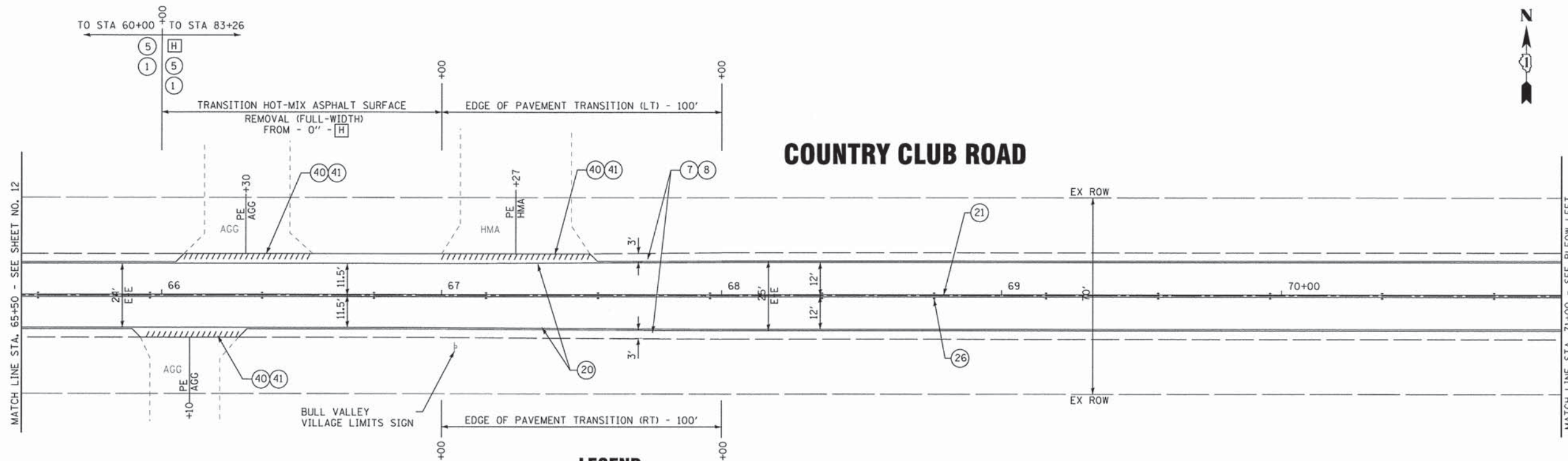
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - COUNTRY CLUB ROAD

SCALE: 1"=20'

STA. 54+50 TO STA. 65+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	12
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(194)				



- LEGEND**
- | | | | |
|---|---|---|---|
| [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H]) | (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" | (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) |
| [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" | (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) | (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) |
| [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3" | (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) | (40) PROJECT LIMITS |
| [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [J]) | (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" | (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) | (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |
| | (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" | (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | (42) MAILBOX TURNOUT |
| | (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" | (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS | (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) |
| | (7) GRADING AND SHAPING SHOULDERS | (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) | (44) ONE-WAY AMBER MARKER |
| | (8) AGGREGATE WEDGE SHOULDER, TYPE B | (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | (45) ONE-WAY CRYSTAL MARKER (W/O) |

CONTRACT NO. 03/3860
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_Plan5.sh

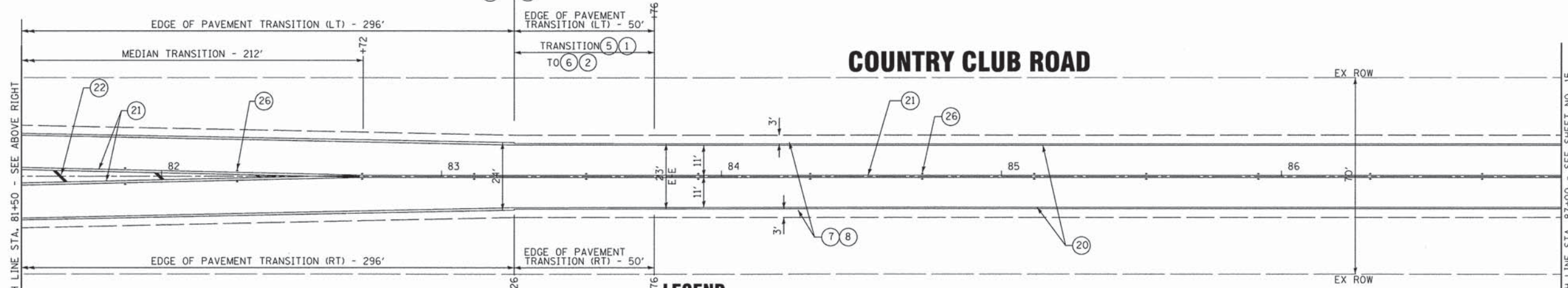
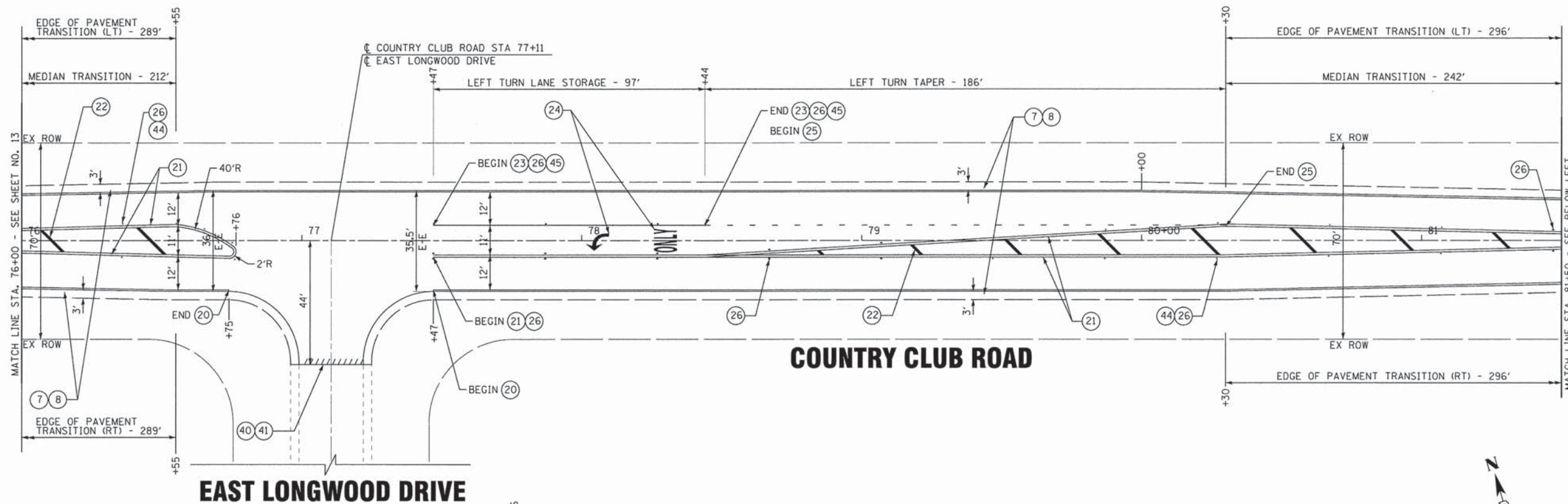
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - COUNTRY CLUB ROAD

SCALE: 1"=20'

STA. 65+50 TO STA. 76+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-0006-00-RS	MCHENRY	33	13
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(194)				

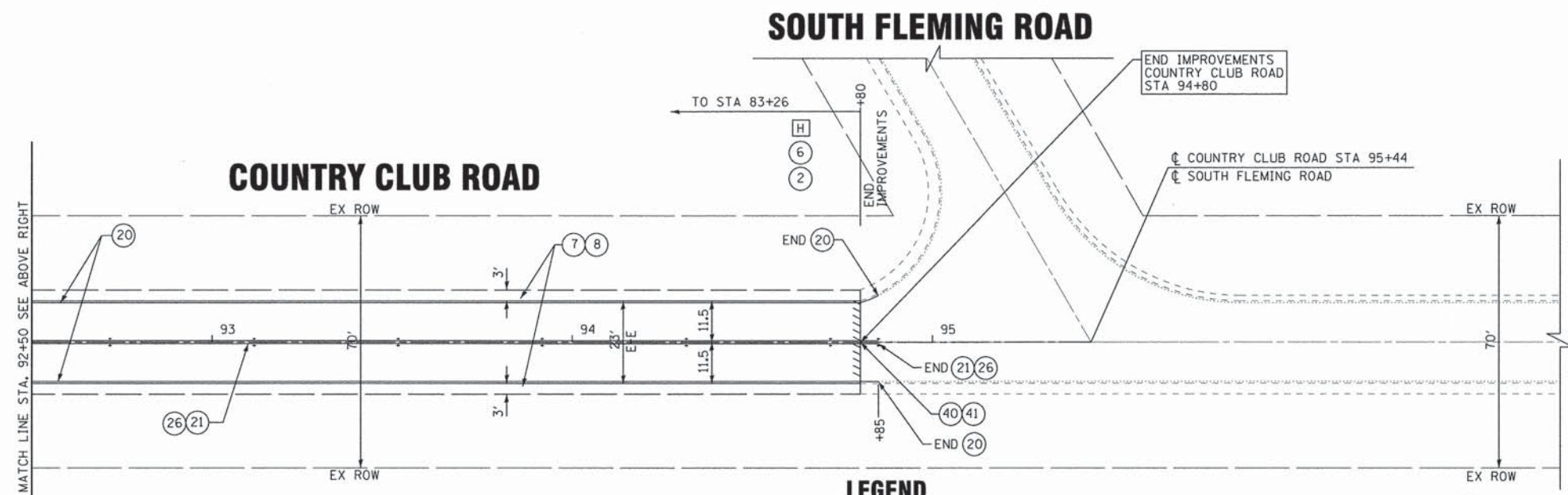
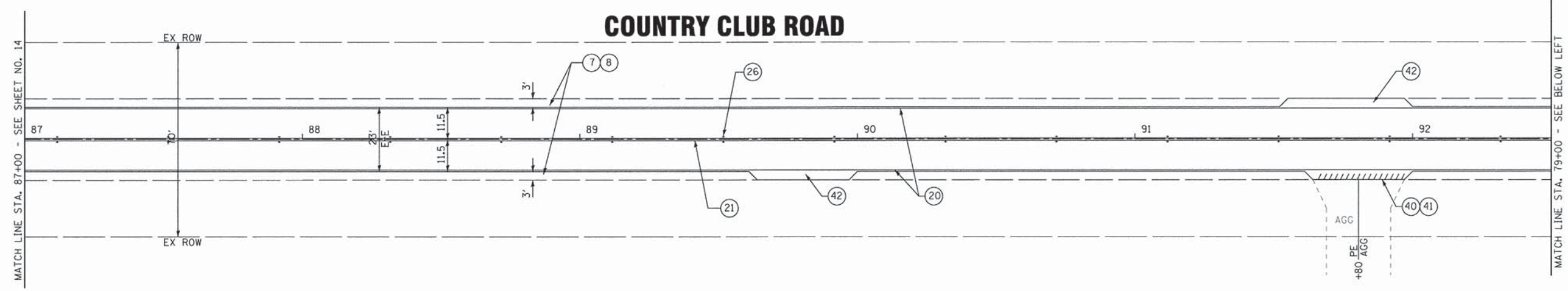


- LEGEND**
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
 - (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)
 - (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
 - (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
 - (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
 - (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE)
 - (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
 - (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C)
 - (40) PROJECT LIMITS
 - (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
 - (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C)
 - (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"
 - (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
 - (42) MAILBOX TURNOUT
 - (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
 - (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS
 - (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP)
 - (7) GRADING AND SHAPING SHOULDERS
 - (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE)
 - (44) ONE-WAY AMBER MARKER
 - (8) AGGREGATE WEDGE SHOULDER, TYPE B
 - (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED)
 - (45) ONE-WAY CRYSTAL MARKER (W/O)

	DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13	STATE OF ILLINOIS	
	DRAWN - CJC	REVISED -	DEPARTMENT OF TRANSPORTATION	
	CHECKED - MWP	REVISED -	PLAN - COUNTRY CLUB ROAD	
	DATE - 6/12/13	FILE - 120864.SH.Plan6.sht	SCALE: 1"=20'	

F.A.U. RTE. 0034/3860	SECTION 13-00006-00-RS	COUNTY MCHENRY	TOTAL SHEETS 33	SHEET NO. 14	CONTRACT NO. 63846
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003194					

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 LICENSE NO. 184-00121 - EXPIRES 4/30/2015
 8/16/2013



LEGEND

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H]) [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" [L] HOT-MIX ASPHALT SURFACE REMOVAL, 3" [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [L]) | <ul style="list-style-type: none"> ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" ④ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" ⑤ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" ⑥ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" ⑦ GRADING AND SHAPING SHOULDERS ⑧ AGGREGATE WEDGE SHOULDER, TYPE B | <ul style="list-style-type: none"> ⑳ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) ㉑ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) ㉒ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) ㉒A THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) ㉓ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) ㉔ THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS ㉕ THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) ㉖ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | <ul style="list-style-type: none"> ㉗ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) ㉘ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) ④① PROJECT LIMITS ④② HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT ④③ MAILBOX TURNOUT ④④ EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) ④⑤ ONE-WAY AMBER MARKER ④⑥ ONE-WAY CRYSTAL MARKER (W/O) |
|--|---|--|--|

DESIGNED BY BAXTER & WOODMAN, INC. PROJECT NO. 120864-SH-Plan7.sht
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00021 - EXPIRES 4/30/2015
 23446 8/6/2013



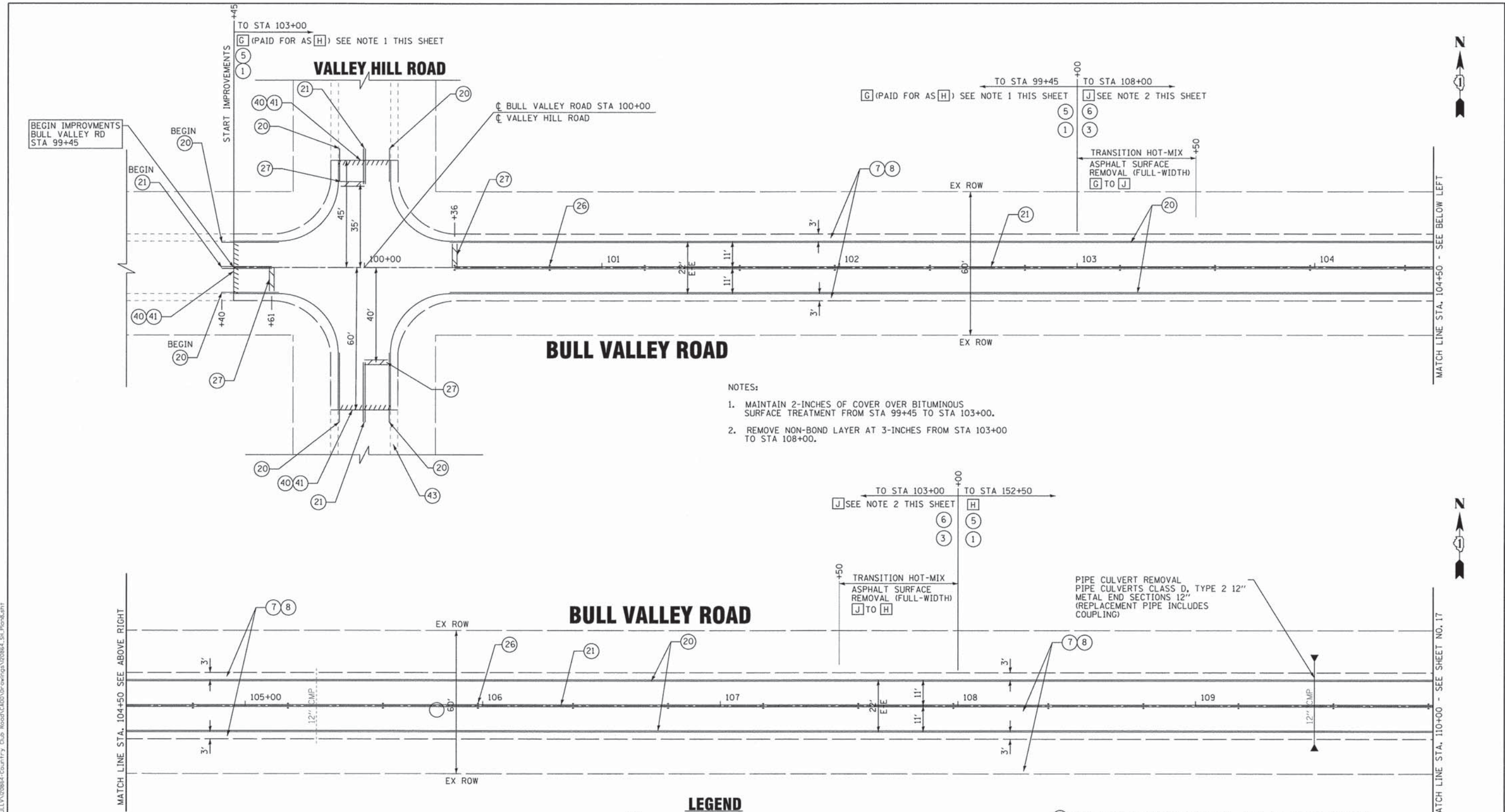
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DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_Plan7.sht

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - COUNTRY CLUB ROAD

SCALE: 1" = 20'
STA. 87+00 TO STA. 94+80

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	15
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003194				



- NOTES:
1. MAINTAIN 2-INCHES OF COVER OVER BITUMINOUS SURFACE TREATMENT FROM STA 99+45 TO STA 103+00.
 2. REMOVE NON-BOND LAYER AT 3-INCHES FROM STA 103+00 TO STA 108+00.

LEGEND

- | | | | |
|---|---|---|---|
| [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H]) | [1] HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" | [20] THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | [27] THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) |
| [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | [2] HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" | [21] THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) | [28] THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) |
| [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3" | [3] HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | [22] THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) | [40] PROJECT LIMITS |
| [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [J]) | [4] HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" | [22A] THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) | [41] HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |
| | [5] POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" | [23] THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | [42] MAILBOX TURNOUT |
| | [6] POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" | [24] THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS | [43] EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) |
| | [7] GRADING AND SHAPING SHOULDERS | [25] THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) | [44] ONE-WAY AMBER MARKER |
| | [8] AGGREGATE WEDGE SHOULDER, TYPE B | [26] RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | [45] ONE-WAY CRYSTAL MARKER (W/O) |

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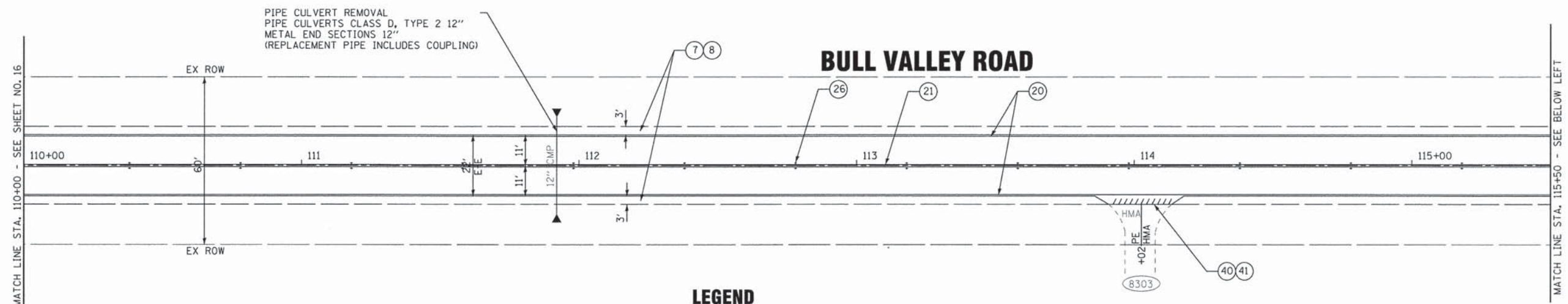
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - BULL VALLEY ROAD

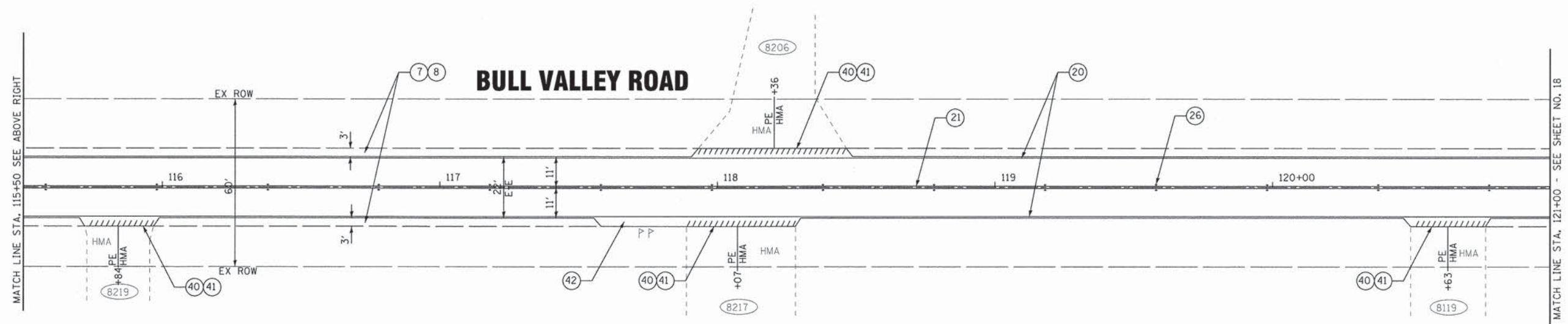
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STA. 99+45 TO STA. 110+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-R5	MCHENRY	33	16
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT W-40031941				



LEGEND

- | | | | |
|---|---|---|---|
| [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H]) | (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" | (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) |
| [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" | (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) | (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) |
| [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3" | (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) | (40) PROJECT LIMITS |
| [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [J]) | (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" | (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) | (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |
| | (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" | (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | (42) MAILBOX TURNOUT |
| | (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" | (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS | (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) |
| | (7) GRADING AND SHAPING SHOULDERS | (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) | (44) ONE-WAY AMBER MARKER |
| | (8) AGGREGATE WEDGE SHOULDER, TYPE B | (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | (45) ONE-WAY CRYSTAL MARKER (W/O) |



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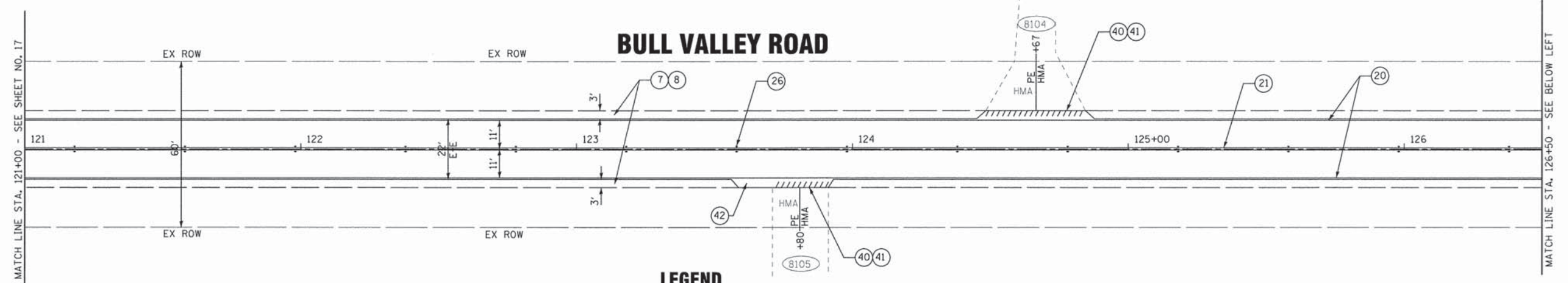
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - BULL VALLEY ROAD

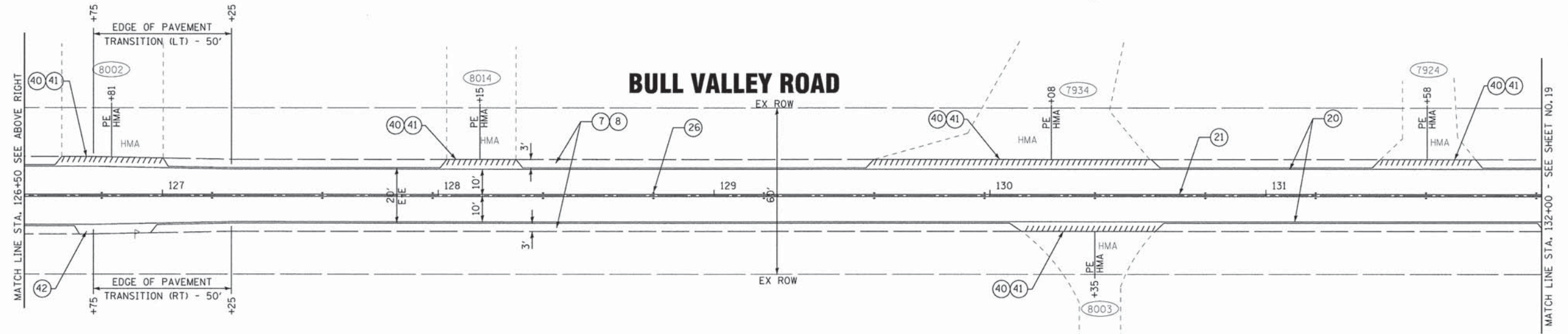
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STA. 110+00 TO STA. 121+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	17
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				



LEGEND

- | | | | |
|---|--|---|---|
| <p>G HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS H)</p> <p>H HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"</p> <p>J HOT-MIX ASPHALT SURFACE REMOVAL, 3"</p> <p>K HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS J)</p> | <p>1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"</p> <p>2 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"</p> <p>3 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"</p> <p>4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"</p> <p>5 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"</p> <p>6 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"</p> <p>7 GRADING AND SHAPING SHOULDERS</p> <p>8 AGGREGATE WEDGE SHOULDER, TYPE B</p> | <p>20 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)</p> <p>21 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)</p> <p>22 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C)</p> <p>22A THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C)</p> <p>23 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)</p> <p>24 THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS</p> <p>25 THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE)</p> <p>26 RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED)</p> | <p>27 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)</p> <p>28 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE)</p> <p>40 PROJECT LIMITS</p> <p>41 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT</p> <p>42 MAILBOX TURNOUT</p> <p>43 EXISTING AGGREGATE SHOULDER TO REMAIN (TYP)</p> <p>44 ONE-WAY AMBER MARKER</p> <p>45 ONE-WAY CRYSTAL MARKER (W/O)</p> |
|---|--|---|---|



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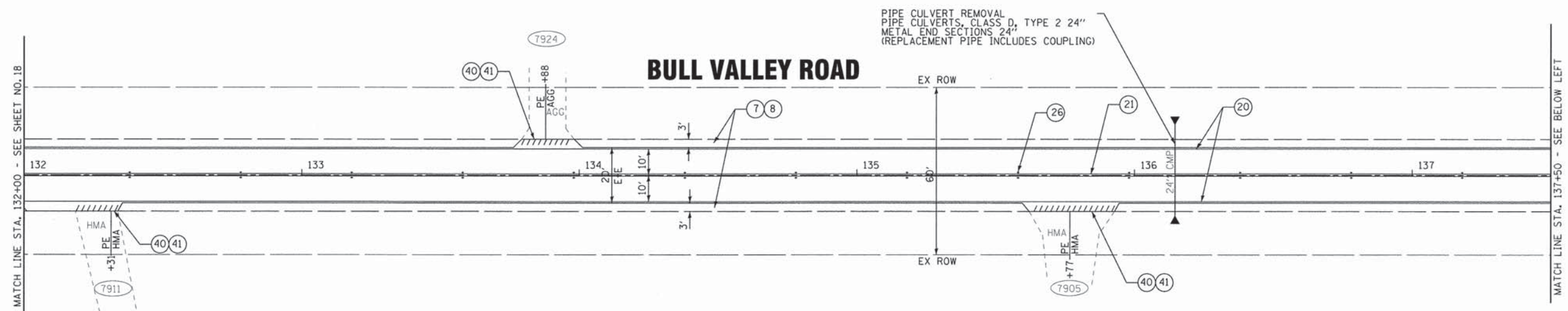
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DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - BULL VALLEY ROAD

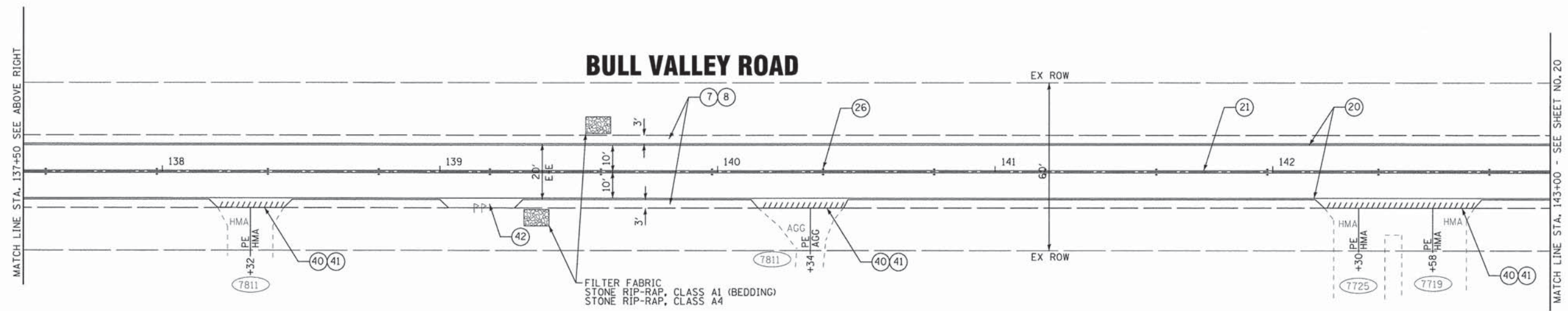
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STA. 121+00 TO STA. 132+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	18
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				



MATCH LINE STA. 137+50 - SEE BELOW LEFT

- LEGEND**
- | | | | |
|---|--|---|---|
| <p>(G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS (H))</p> <p>(H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"</p> <p>(J) HOT-MIX ASPHALT SURFACE REMOVAL, 3"</p> <p>(K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS (J))</p> | <p>(1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"</p> <p>(2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"</p> <p>(3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"</p> <p>(4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"</p> <p>(5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"</p> <p>(6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"</p> <p>(7) GRADING AND SHAPING SHOULDERS</p> <p>(8) AGGREGATE WEDGE SHOULDER, TYPE B</p> | <p>(20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)</p> <p>(21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)</p> <p>(22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C)</p> <p>(22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C)</p> <p>(23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)</p> <p>(24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS</p> <p>(25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE)</p> <p>(26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED)</p> | <p>(27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)</p> <p>(28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE)</p> <p>(40) PROJECT LIMITS</p> <p>(41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT</p> <p>(42) MAILBOX TURNOUT</p> <p>(43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP)</p> <p>(44) ONE-WAY AMBER MARKER</p> <p>(45) ONE-WAY CRYSTAL MARKER (W/O)</p> |
|---|--|---|---|



MATCH LINE STA. 143+00 - SEE SHEET NO. 20



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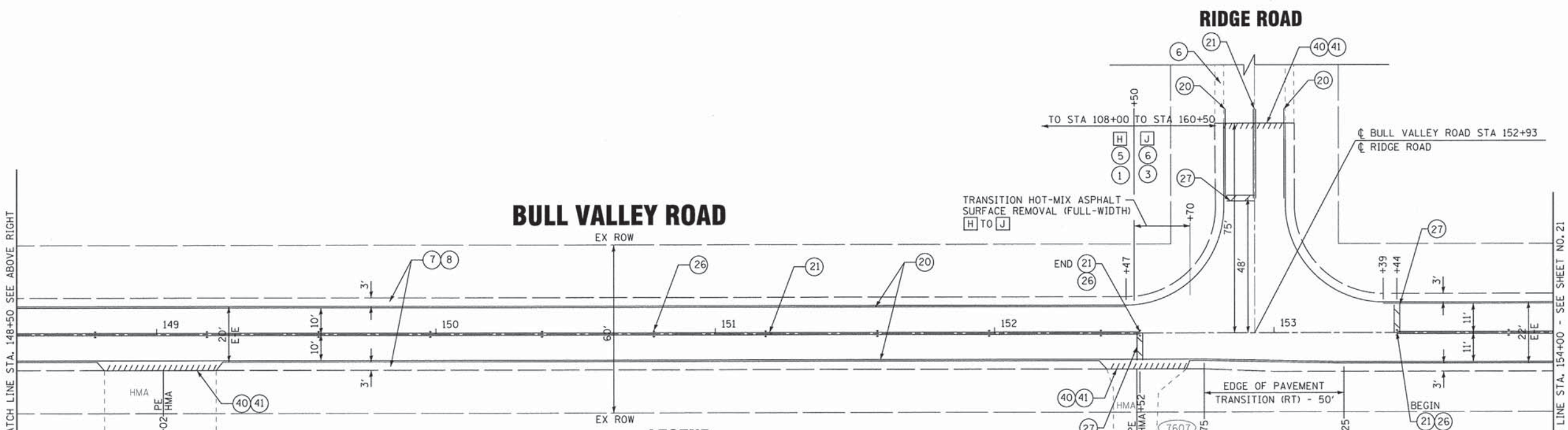
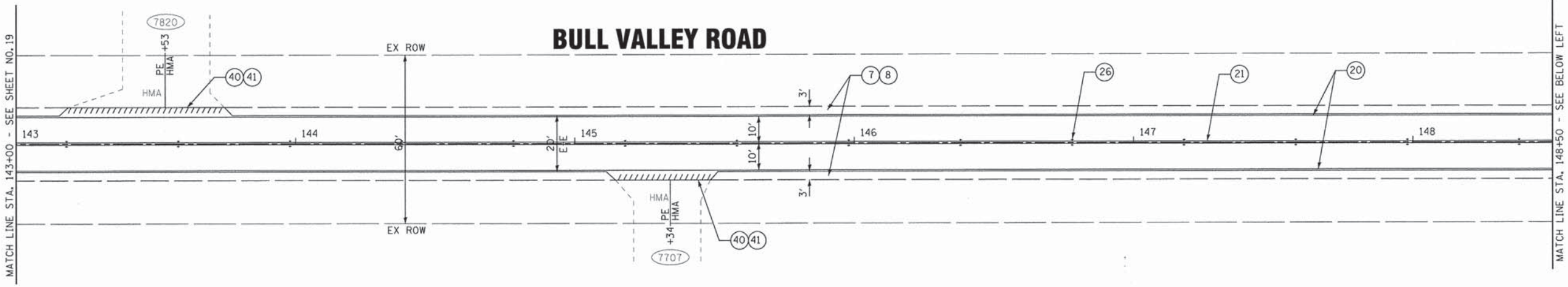
DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_Plan11.sht

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - BULL VALLEY ROAD

SCALE: 1" = 20' STA. 132+00 TO STA. 143+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	19
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003194				



LEGEND

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H]) [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3" [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [L]) | <ul style="list-style-type: none"> (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" (7) GRADING AND SHAPING SHOULDERS (8) AGGREGATE WEDGE SHOULDER, TYPE B | <ul style="list-style-type: none"> (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | <ul style="list-style-type: none"> (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) (40) PROJECT LIMITS (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (42) MAILBOX TURNOUT (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) (44) ONE-WAY AMBER MARKER (45) ONE-WAY CRYSTAL MARKER (W/O) |
|--|---|--|--|

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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864.SH_Plan12.shx

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - BULL VALLEY ROAD

SCALE: 1" = 20' STA. 143+00 TO STA. 154+00

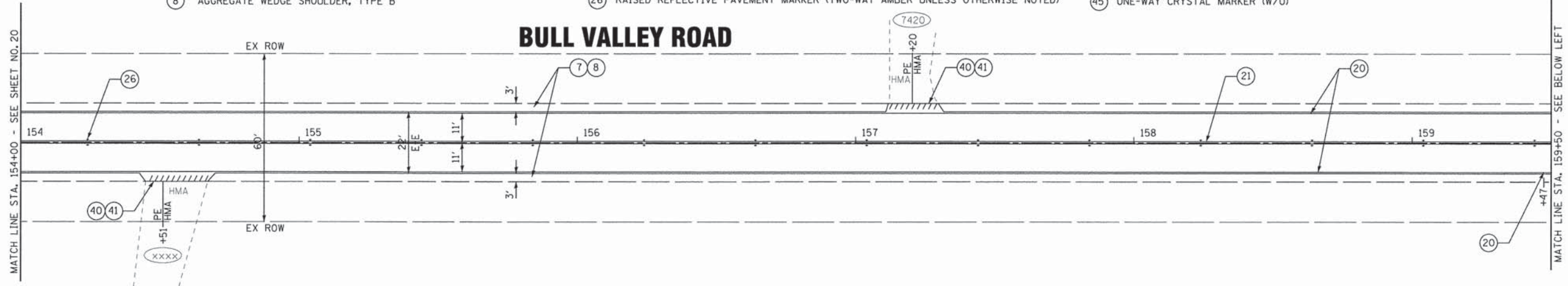
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031941			CONTRACT NO. 63846	

- G HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS H)
- H HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- J HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- K HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS J)

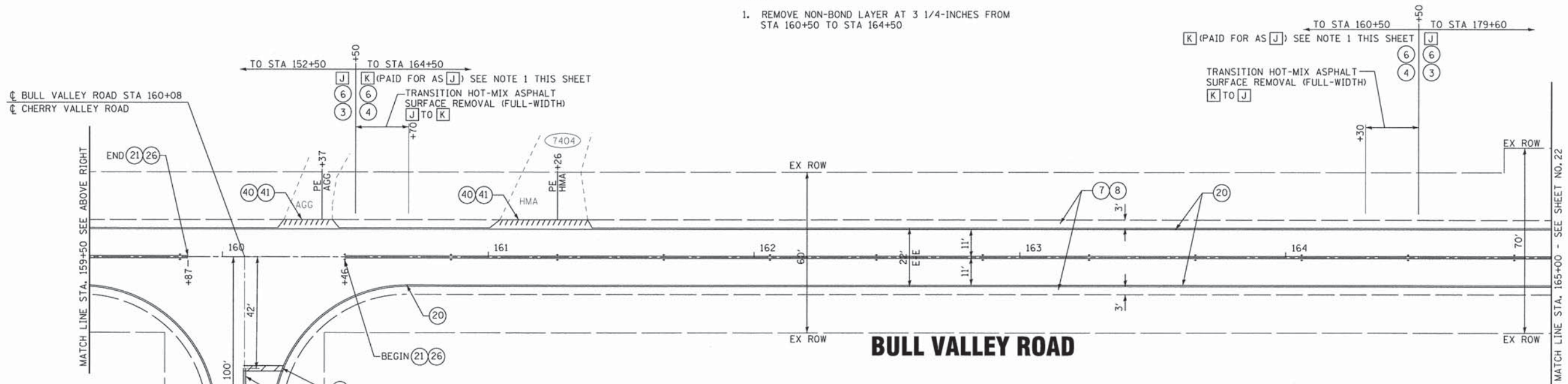
- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- 2 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
- 3 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- 4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
- 5 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"
- 6 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
- 7 GRADING AND SHAPING SHOULDERS
- 8 AGGREGATE WEDGE SHOULDER, TYPE B

- LEGEND**
- 20 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)
 - 21 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
 - 22 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C)
 - 22A THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C)
 - 23 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
 - 24 THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS
 - 25 THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE)
 - 26 RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED)

- 27 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- 28 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE)
- 40 PROJECT LIMITS
- 41 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- 42 MAILBOX TURNOUT
- 43 EXISTING AGGREGATE SHOULDER TO REMAIN (TYP)
- 44 ONE-WAY AMBER MARKER
- 45 ONE-WAY CRYSTAL MARKER (W/O)



NOTE:
1. REMOVE NON-BOND LAYER AT 3 1/4-INCHES FROM STA 160+50 TO STA 164+50



CHERRY VALLEY ROAD STA 160+08
CHERRY VALLEY ROAD

CHERRY VALLEY ROAD

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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_Plan13.sht

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN - BULL VALLEY ROAD
SCALE: 1" = 20'
STA. 154+00 TO STA. 165+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	21
FED. ROAD DIST. NO. 1 [ILLINOIS]			FED. AID PROJECT M-4003(194)	
			CONTRACT NO. 63846	

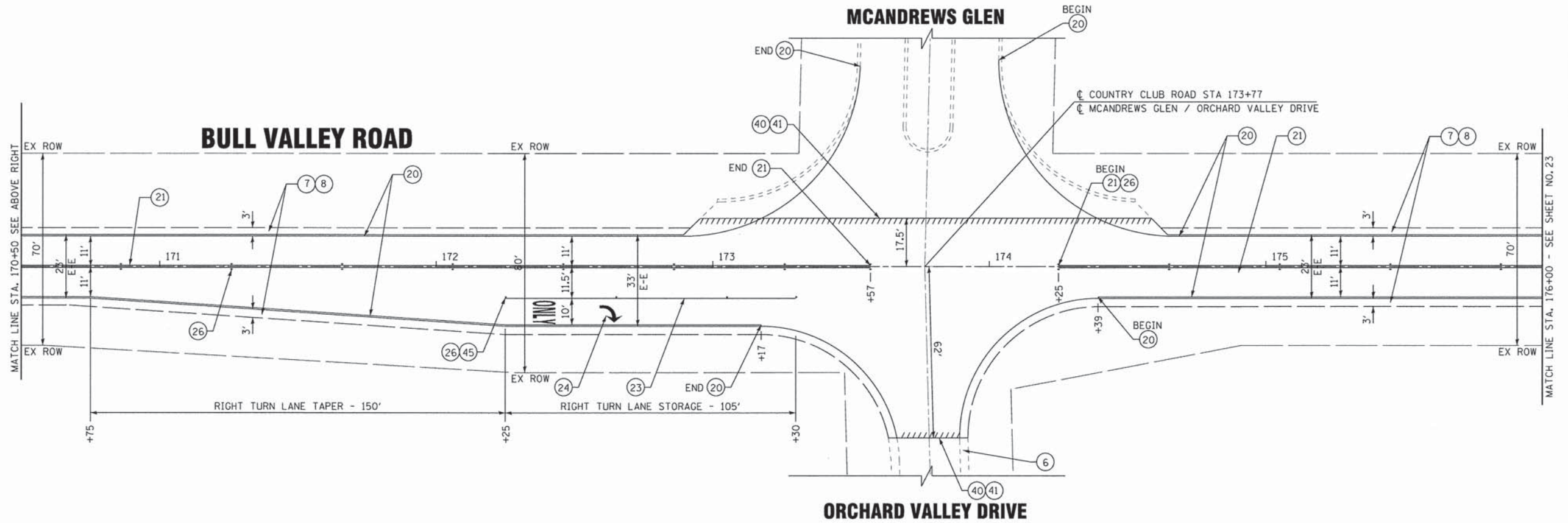
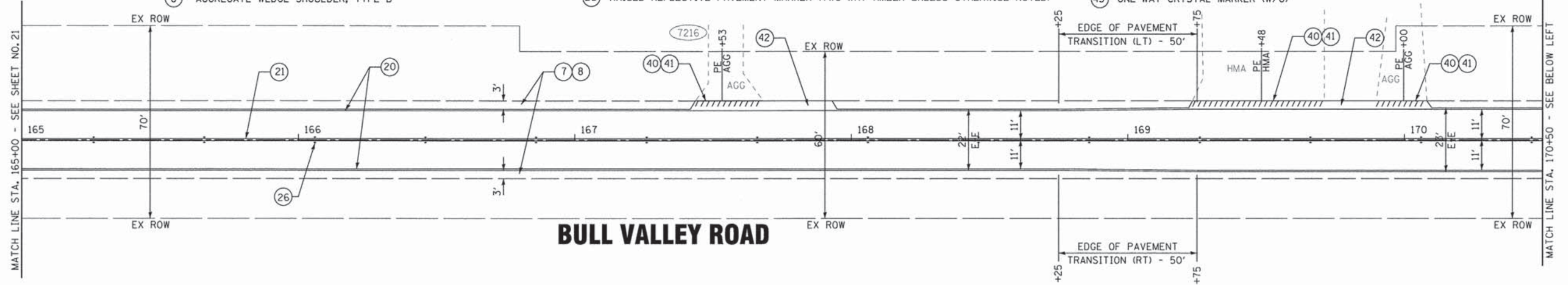
- G HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS H)
- H HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- J HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- K HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS J)

- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2"
- 2 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4"
- 3 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2"
- 4 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4"
- 5 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4"
- 6 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1"
- 7 GRADING AND SHAPING SHOULDERS
- 8 AGGREGATE WEDGE SHOULDER, TYPE B

LEGEND

- 20 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE)
- 21 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C)
- 22 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C)
- 22A THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C)
- 23 THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)
- 24 THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS
- 25 THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE)
- 26 RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED)

- 27 THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR)
- 28 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE)
- 40 PROJECT LIMITS
- 41 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- 42 MAILBOX TURNOUT
- 43 EXISTING AGGREGATE SHOULDER TO REMAIN (TYP)
- 44 ONE-WAY AMBER MARKER
- 45 ONE-WAY CRYSTAL MARKER (W/O)



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 LICENSE NO. - 184-00121 - EXPIRES 4/30/2015
 IN CHARGE: LORNA V. WOODMAN
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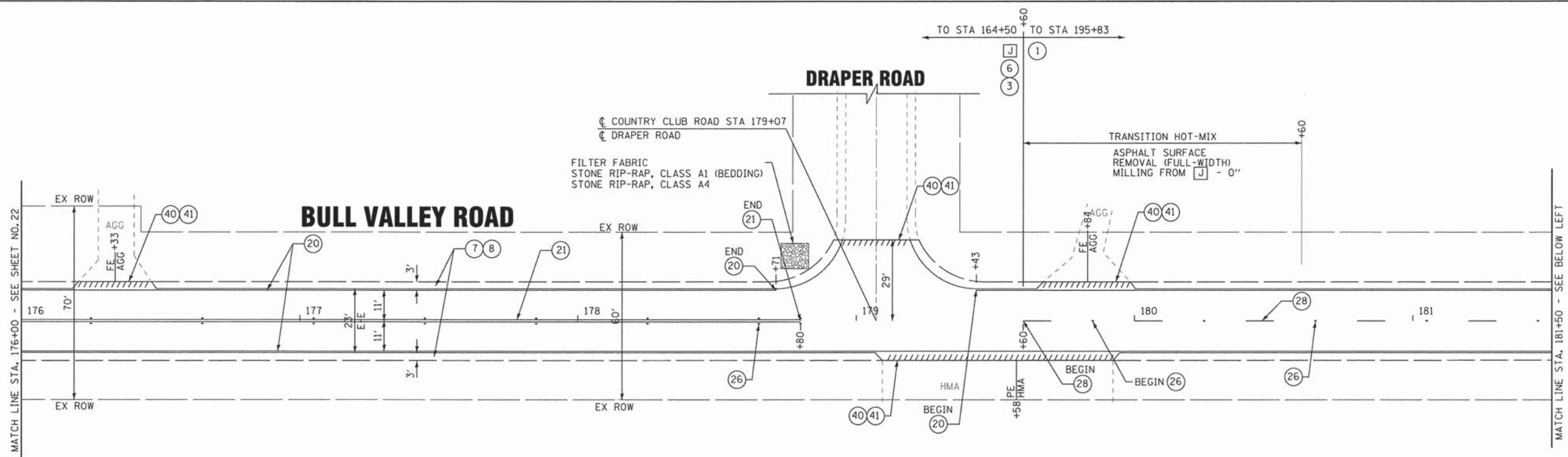
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DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - BULL VALLEY ROAD

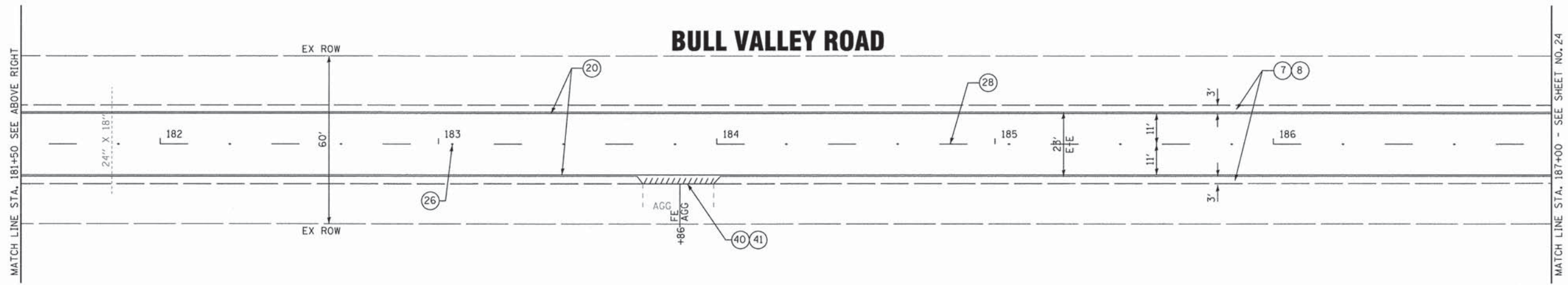
SCALE: 1" = 20'
STA. 165+00 TO STA. 176+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	22
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-40031941			CONTRACT NO. 63846	



LEGEND

- | | | | |
|---|---|---|---|
| [G] HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS [H]) | (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" | (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) |
| [H] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" | (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" | (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) | (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) |
| [J] HOT-MIX ASPHALT SURFACE REMOVAL, 3" | (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" | (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) | (40) PROJECT LIMITS |
| [K] HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS [J]) | (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" | (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) | (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |
| | (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" | (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) | (42) MAILBOX TURNOUT |
| | (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" | (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS | (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) |
| | (7) GRADING AND SHAPING SHOULDERS | (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) | (44) ONE-WAY AMBER MARKER |
| | (8) AGGREGATE WEDGE SHOULDER, TYPE B | (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | (45) ONE-WAY CRYSTAL MARKER (W/O) |



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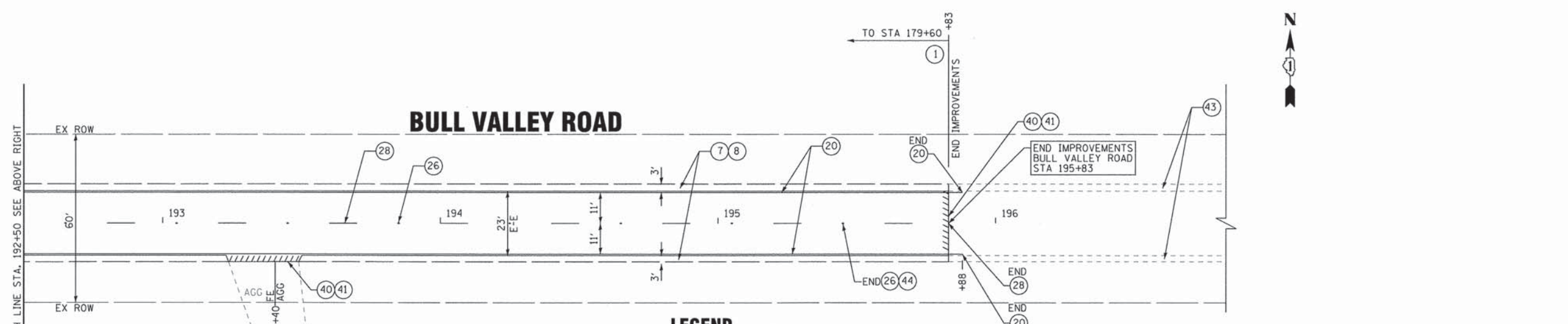
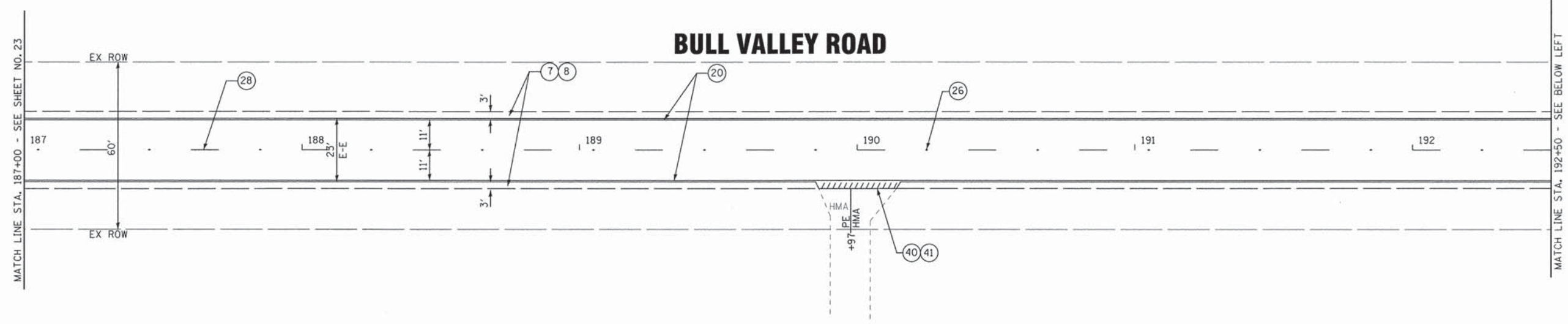
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DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_Plan15.sht

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN - BULL VALLEY ROAD

SCALE: 1" = 20'
STA. 176+00 TO STA. 187+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	23
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003194				



LEGEND

- | | | | |
|--|---|--|--|
| <ul style="list-style-type: none"> (G) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (PAID FOR AS (H)) (H) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" (J) HOT-MIX ASPHALT SURFACE REMOVAL, 3" (K) HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (PAID FOR AS (J)) | <ul style="list-style-type: none"> (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 1/2" (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 1 3/4" (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" (4) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2 1/4" (5) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 3/4" (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 1" (7) GRADING AND SHAPING SHOULDERS (8) AGGREGATE WEDGE SHOULDER, TYPE B | <ul style="list-style-type: none"> (20) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) (21) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW, 11" C-C) (22) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONAL LINE @ 25' C-C) (22A) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONAL LINE @ 25' C-C) (23) THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE) (24) THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (25) THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE SKIP DASH 6' SKIP, 2' LINE) (26) RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER UNLESS OTHERWISE NOTED) | <ul style="list-style-type: none"> (27) THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE STOP BAR) (28) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH 30' SKIP, 10' LINE) (40) PROJECT LIMITS (41) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (42) MAILBOX TURNOUT (43) EXISTING AGGREGATE SHOULDER TO REMAIN (TYP) (44) ONE-WAY AMBER MARKER (45) ONE-WAY CRYSTAL MARKER (W/O) |
|--|---|--|--|

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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
DRAWN - CJC	REVISED -
CHECKED - MWP	REVISED -
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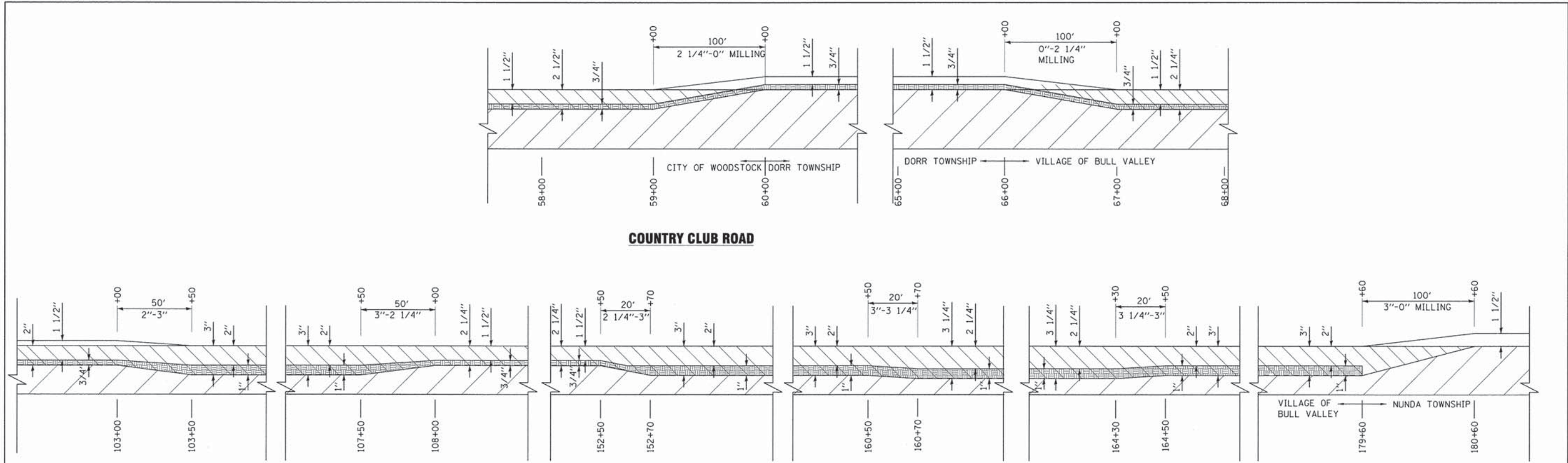
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





PLAN - BULL VALLEY ROAD

SCALE: 1" = 20'

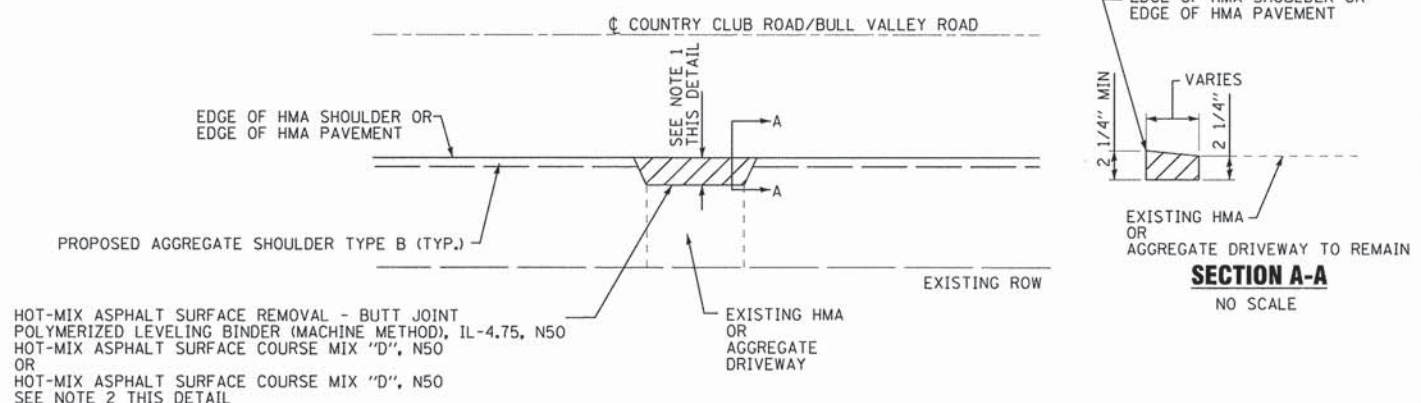
STA. 187+00 TO STA. 195+83

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	24
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-40031941				



-  HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50
-  POLYMERIZED LEVELING BINDER
-  HOT-MIX ASPHALT SURFACE REMOVAL
-  EXISTING HOT-MIX ASPHALT PAVEMENT TO REMAIN

MILLING DETAIL
NO SCALE



HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
 HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50
 OR
 HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50
 SEE NOTE 2 THIS DETAIL

NOTE: 1. 3' MIN. WHEN MATCHING EXISTING HMA DRIVEWAY UNLESS OTHERWISE DIMENSIONED
 3' MIN. WHEN MATCHING EXISTING AGGREGATE DRIVEWAY UNLESS OTHERWISE DIMENSIONED

2. THICKNESS OF DRIVEWAY REPLACEMENT BASED ON RESURFACING OF ADJACENT ROADWAY SEGMENT.

HMA DRIVEWAY DETAIL
NO SCALE

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DESIGNED - JDM	REVISED - IDOT REVIEW 8/19/13
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CHECKED - MWP	REVISED -
DATE - 6/12/13	FILE - 120864_SH_MiscDets.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

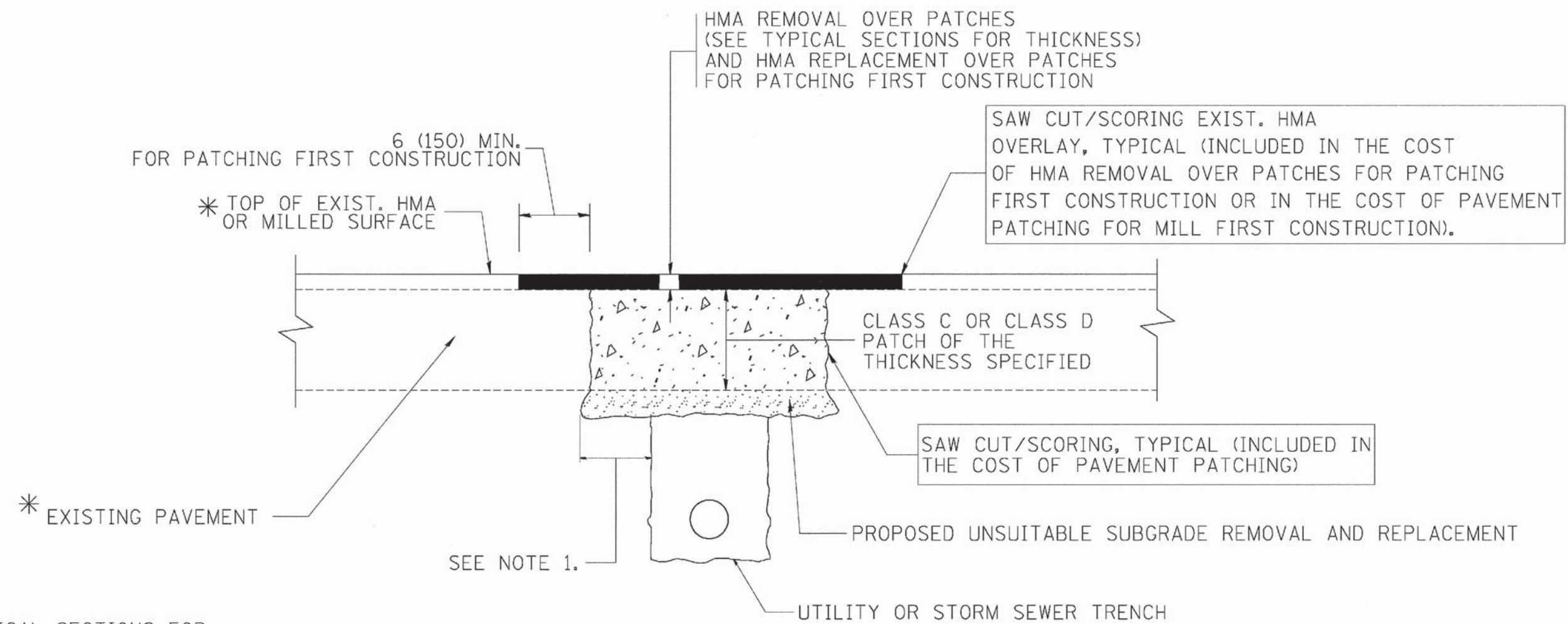
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034/3860	13-00006-00-RS	MCHENRY	33	25
CONTRACT NO. 63846				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT W-4003(194)				

DRAWING BY: BAUER & WISMAN, INC. STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00121 - EXPIRES 4/30/2013
 23240
 8/8/2003
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 USER NAME = bboard1
 DESIGNED - R. SHAH
 DRAWN -
 CHECKED -
 DATE - 10-25-94
 REVISIONS:
 REVISED - A. ABBAS 04-27-98
 REVISED - R. BORO 01-01-07
 REVISED - R. BORO 09-04-07
 REVISED - K. ENG 10-27-08

* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

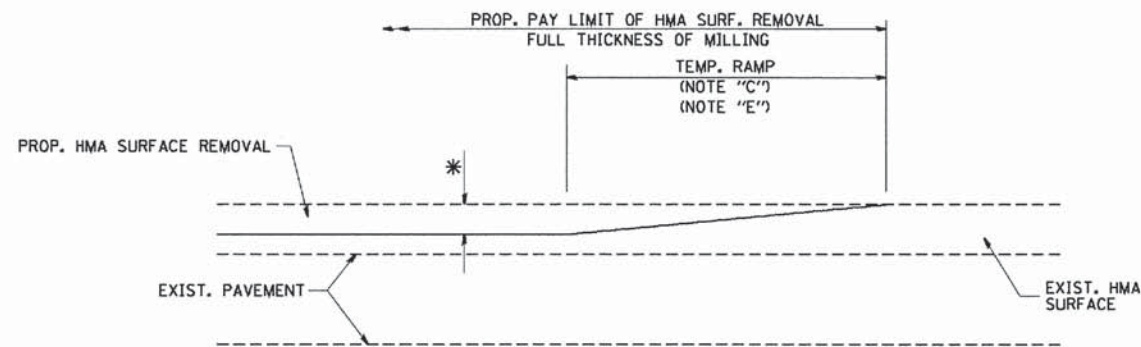
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

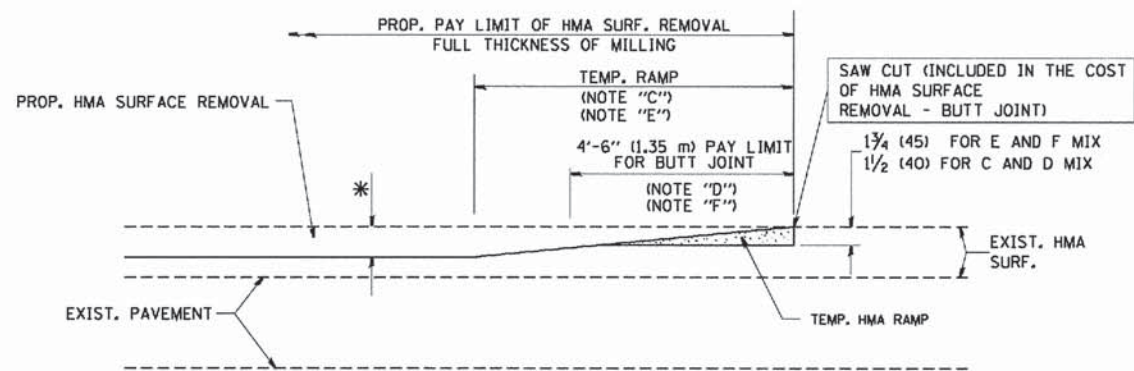
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = bboard1	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED - R. BORO 09-04-07					BD400-04 (BD-22)		CONTRACT NO. 63846			
		DATE - 10-25-94	REVISED - K. ENG 10-27-08					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)					



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

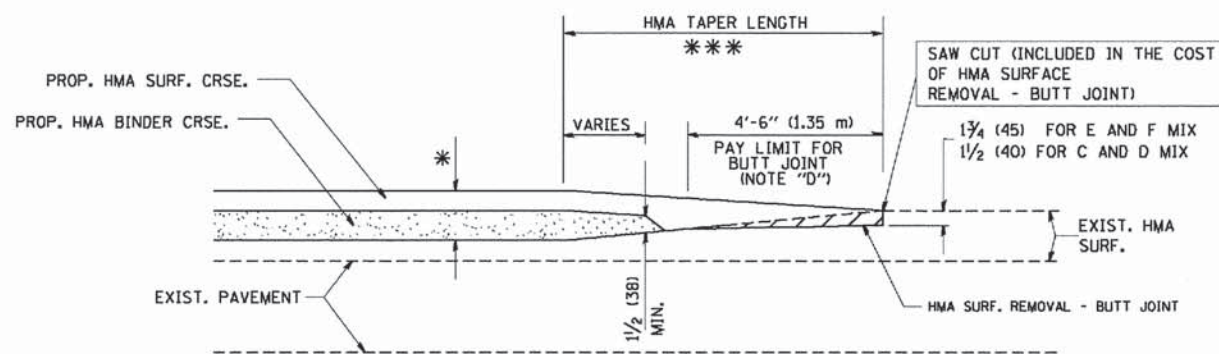
OPTION 1



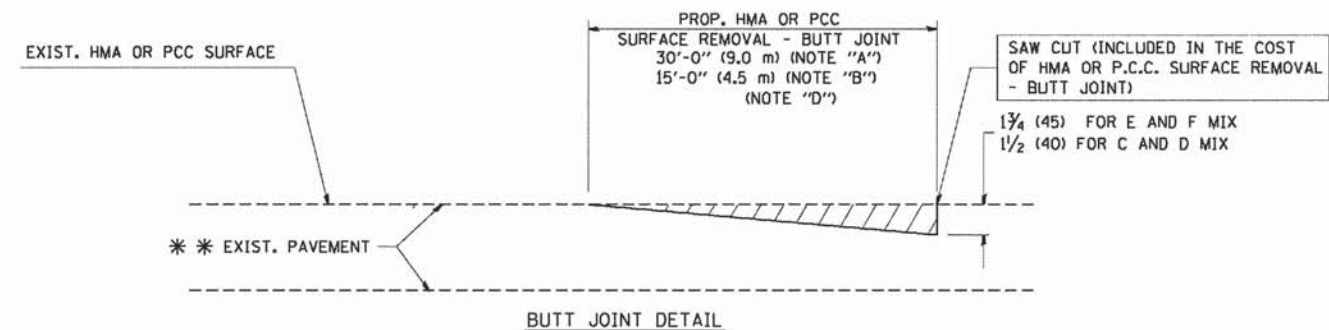
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

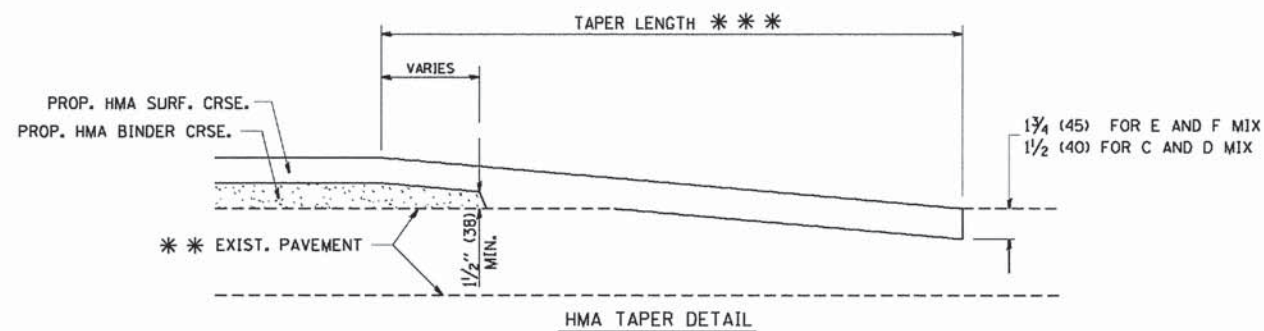
TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

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.

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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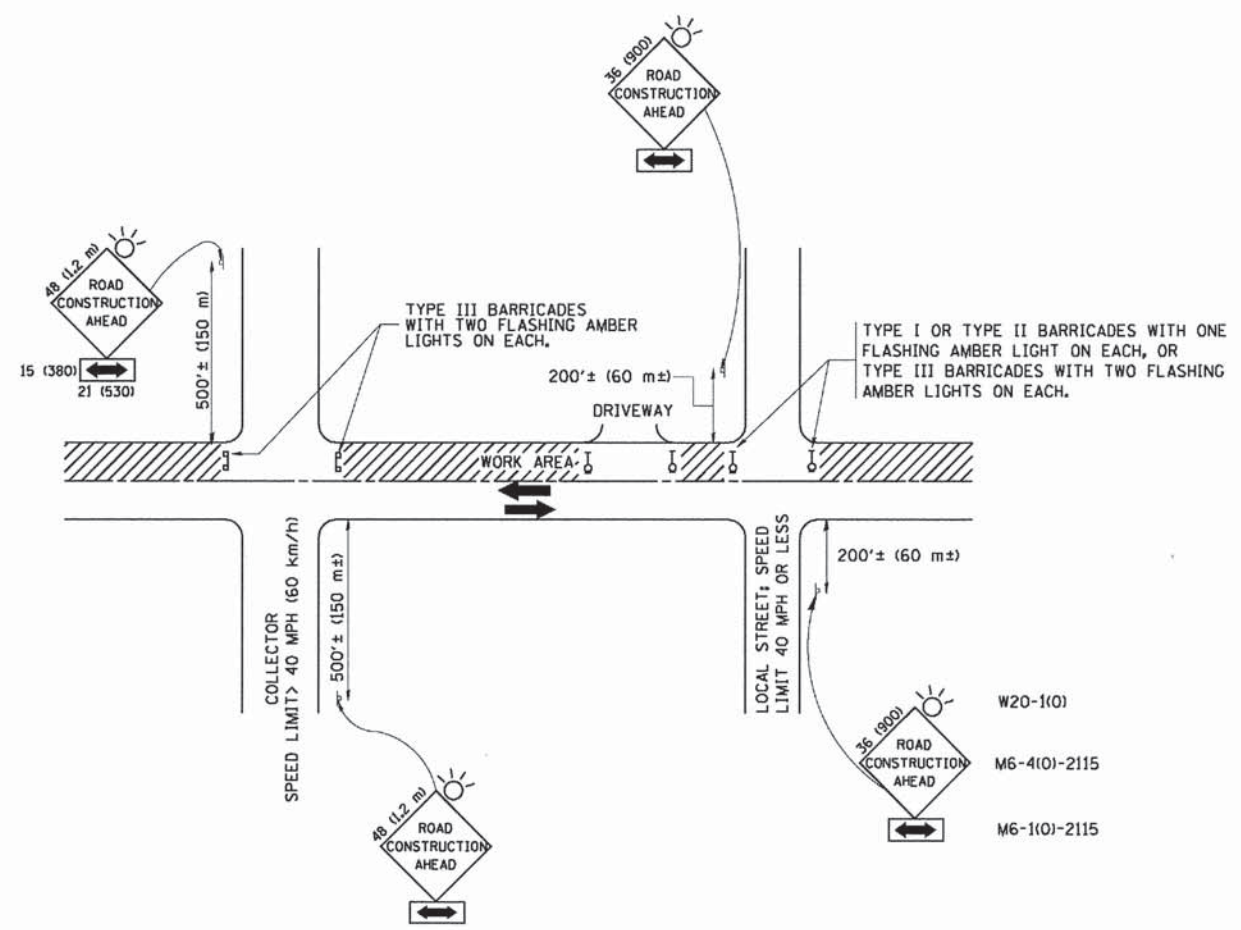
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034 3860	13-00006-00-RS	MCHENRY	33	27
BD400-05 BD32			CONTRACT NO. 63846	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(194)				

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

- NOTES:**
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 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 AND FLAG 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. 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).
 - B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

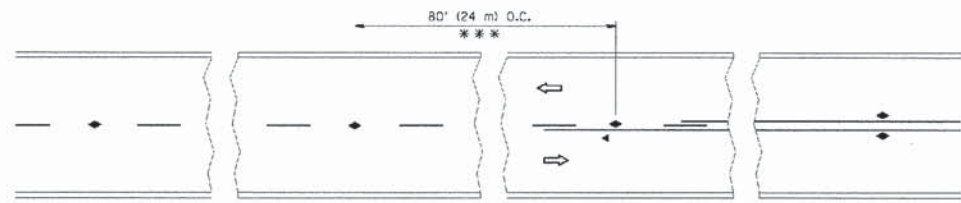
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

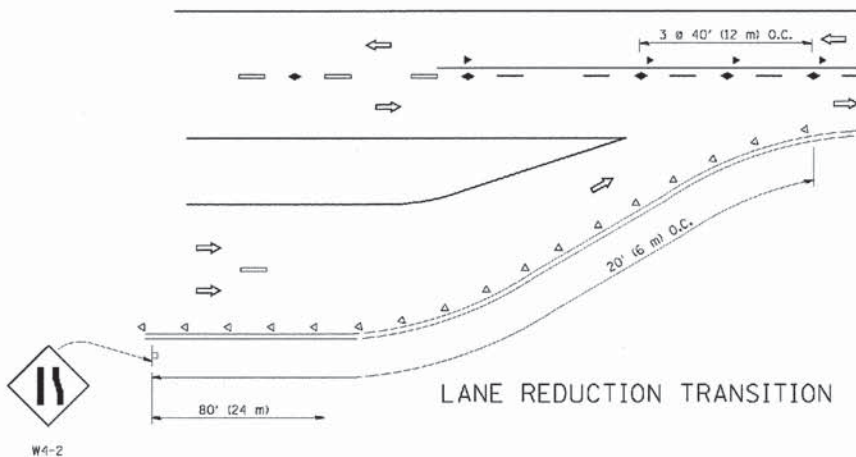
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				

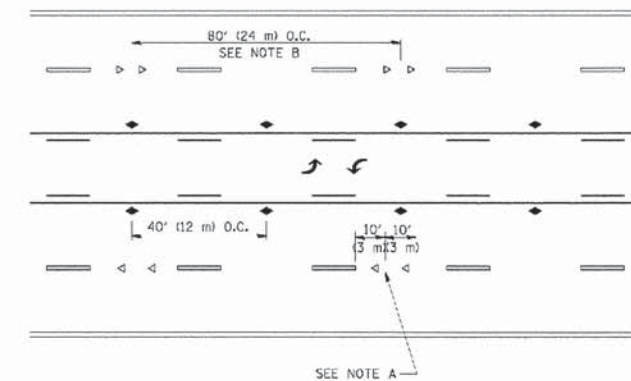


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

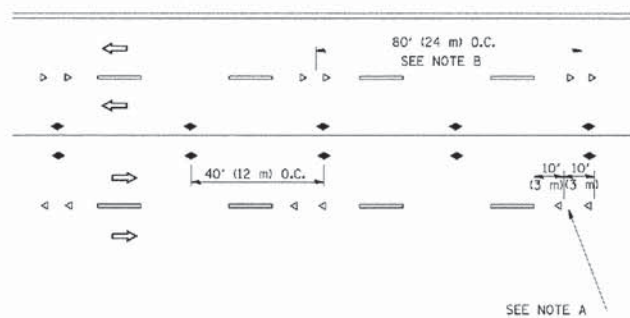
TWO-LANE/TWO-WAY



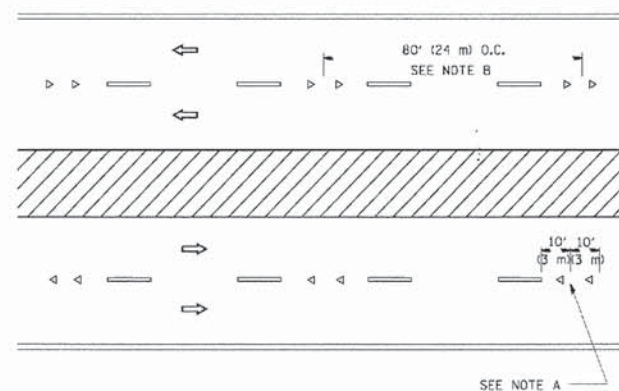
LANE REDUCTION TRANSITION



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.

SYMBOLS

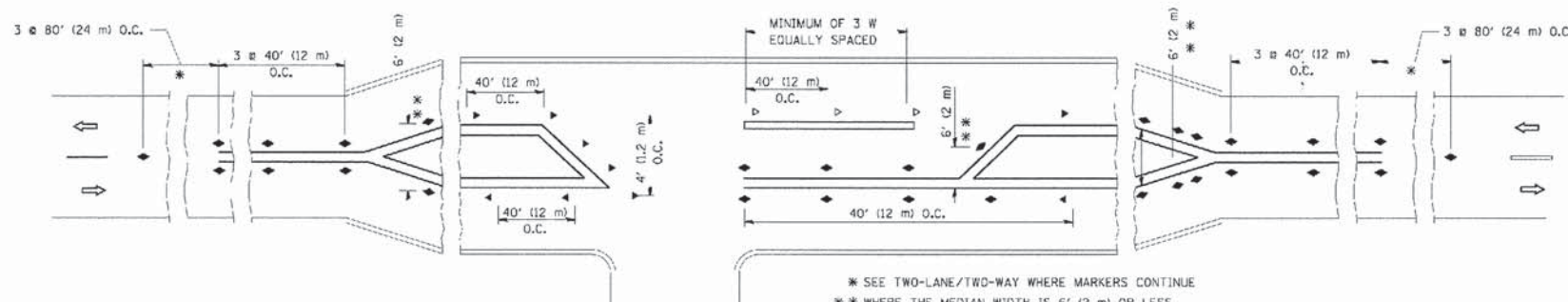
- YELLOW STRIPE
- WHITE STRIPE
- ▲ ONE-WAY AMBER MARKER
- ◄ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



LEFT TURN

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

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

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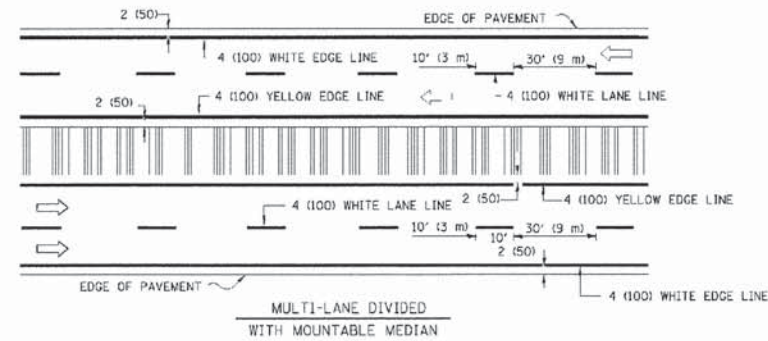
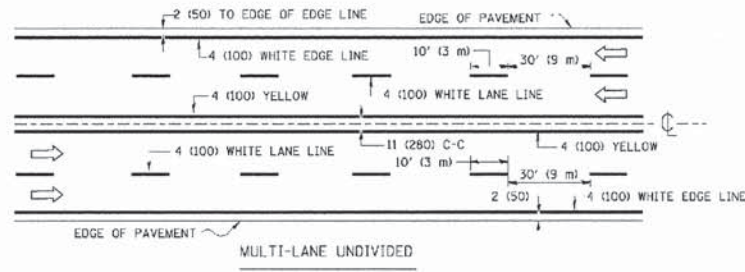
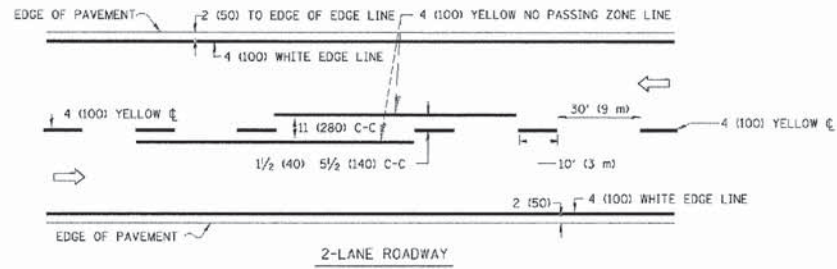
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PLOT DATE = 4/25/2014			REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

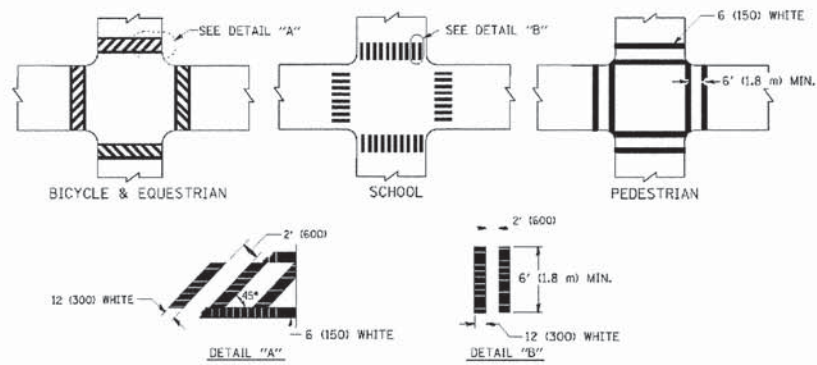
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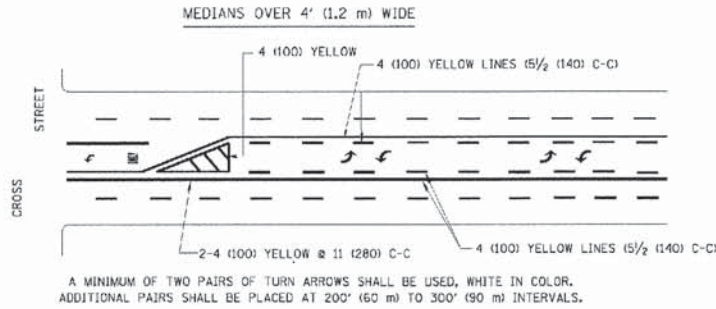
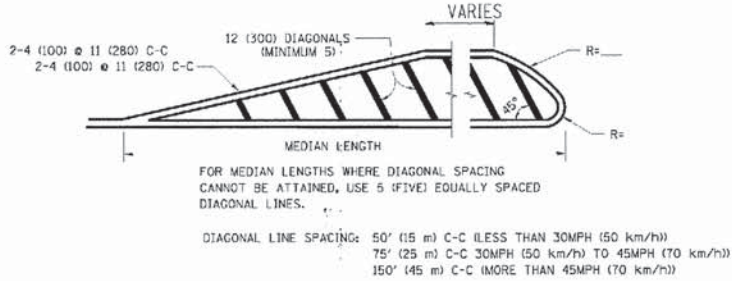
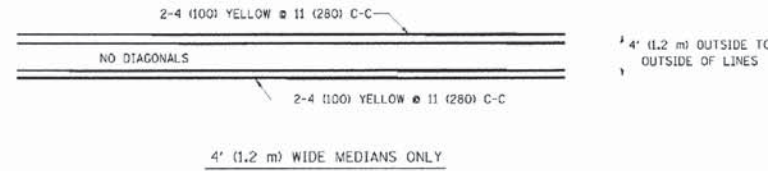


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

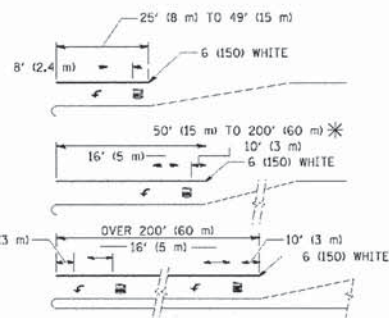
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



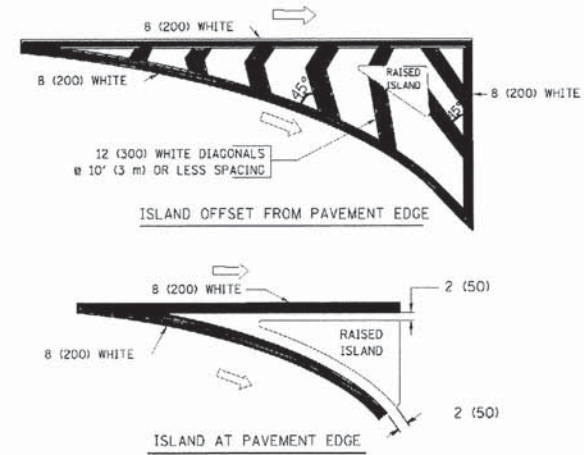
TYPICAL PAINTED MEDIAN MARKING



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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (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.
CORE 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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (23 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

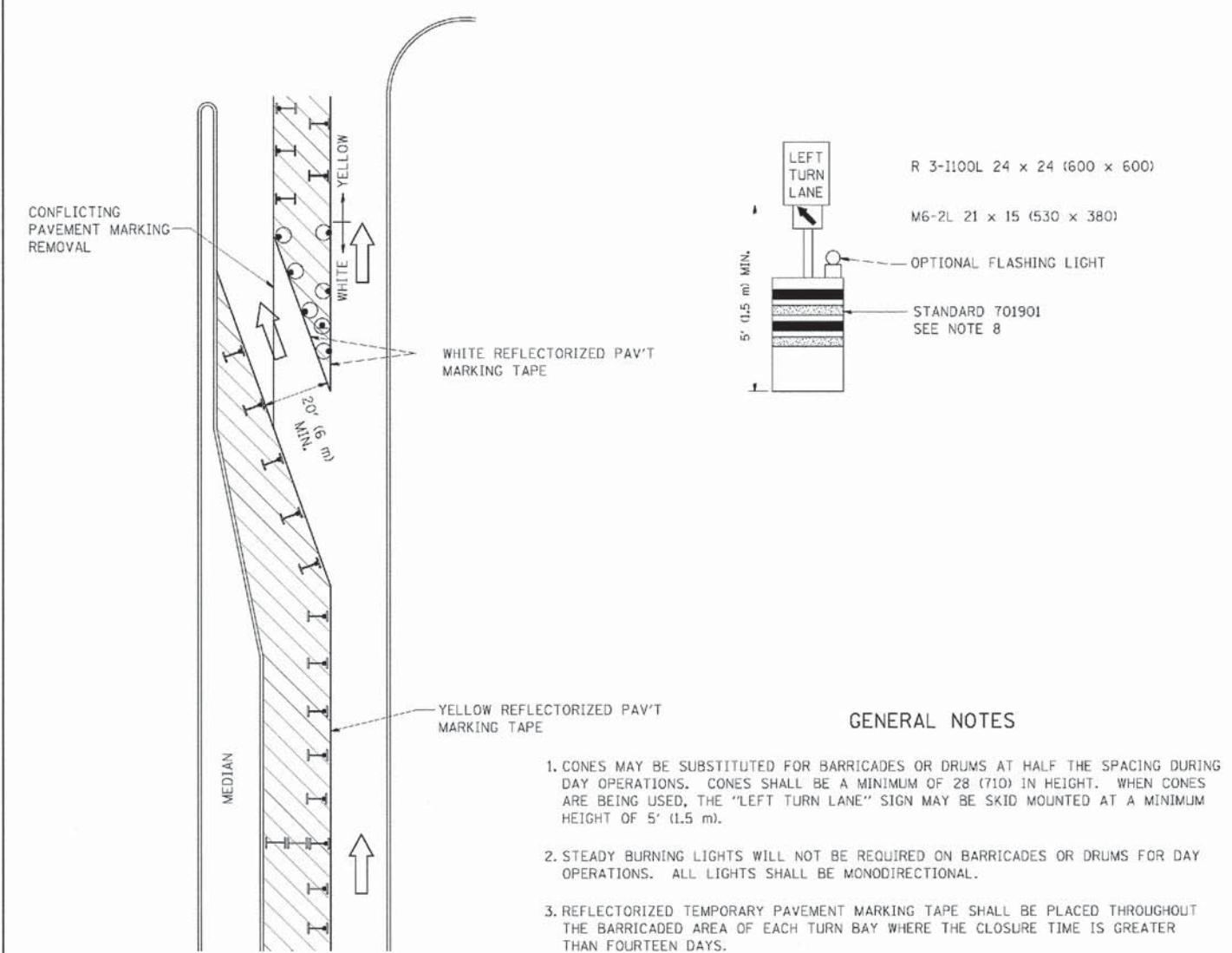
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 DRAWN: JUDGE
 REVISED: C. JUCIUS 09-09-09
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 CHECKED: -
 REVISED: -
 DATE: 03-19-90
 REVISED: -

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PLOT DATE = 03-19-90	DATE = 03-19-90	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.U. NO. 0034	SECTION 13-00006-00-RS	COUNTY MCHENRY	TOTAL SHEETS 33	SHEET NO. 30
TYPICAL PAVEMENT MARKINGS		TC-13		CONTRACT NO. 63846		
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-4003(194)			

DESIGNED BY: BARTER & WOODMAN, INC.
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 CONTRACT: 63846
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 DATE: 11/14/13 10:47:29 AM









GENERAL NOTES

1. 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. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

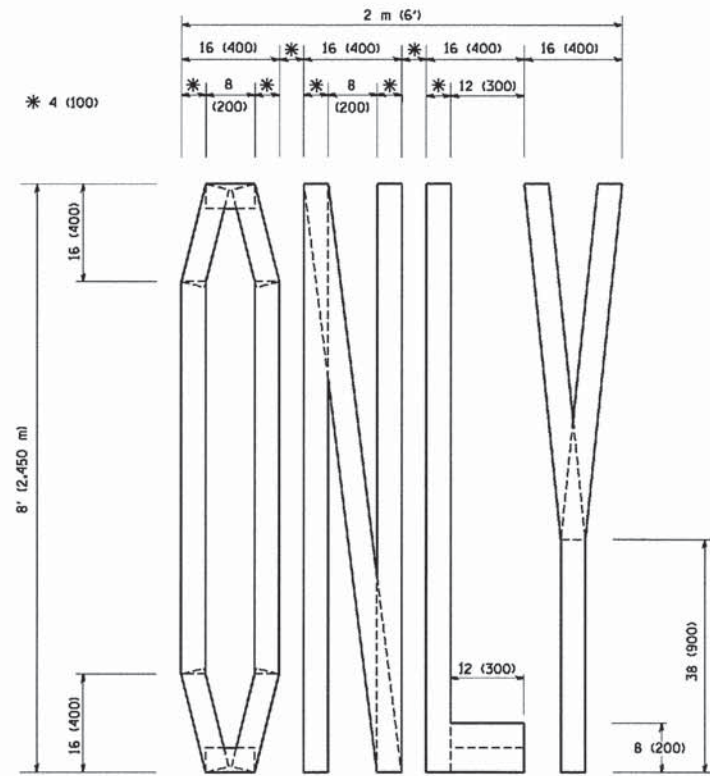
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PROJECT SCALE = 48,599 1/2 IN.		REVISED - A. HOUSEH 11-07-95	REVISED -
PLOT DATE = 11/14/13 10:47:29 AM		REVISED - A. HOUSEH 10-12-96	REVISED -
		REVISED - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

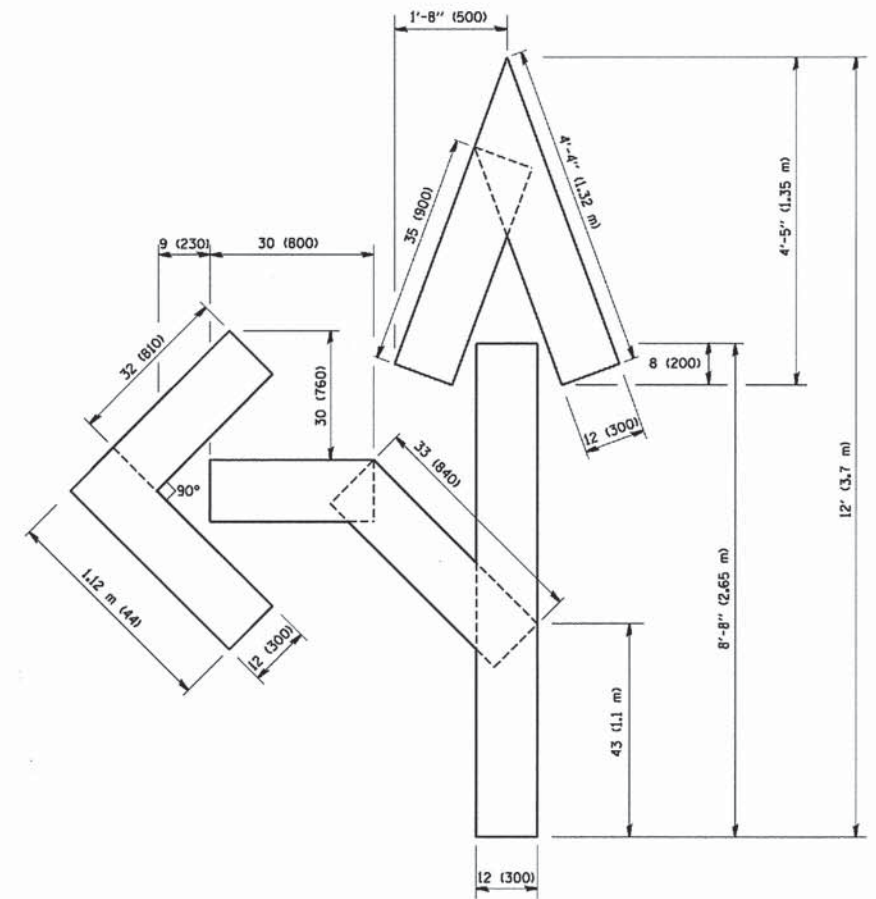
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

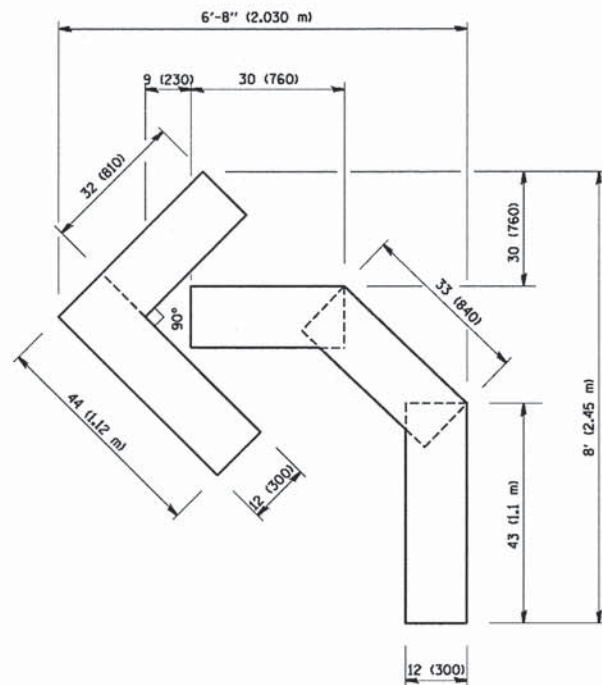
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0034 3860	13-00006-00-RS	MCHENRY	33	31
TC-14			CONTRACT NO. 63846	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				



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



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



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

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

COMPILED & PLOTTED BY: DANIEL R. WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGNER
 LICENSE NO. 194-00181 - EXPIRES 4/30/2013
 8/18/2003 9:53:53 AM
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FILE NAME =	USER NAME = gje10enob	DESIGNED -	REVISED - T. RAMMACHER 06-05-96
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		PLOT SCALE = 58.0000 / IN.	REVISED - T. RAMMACHER 03-02-98
		PLOT DATE = 1/4/2008	REVISED - E. GOMEZ 08-28-00
		DATE = 09-18-94	

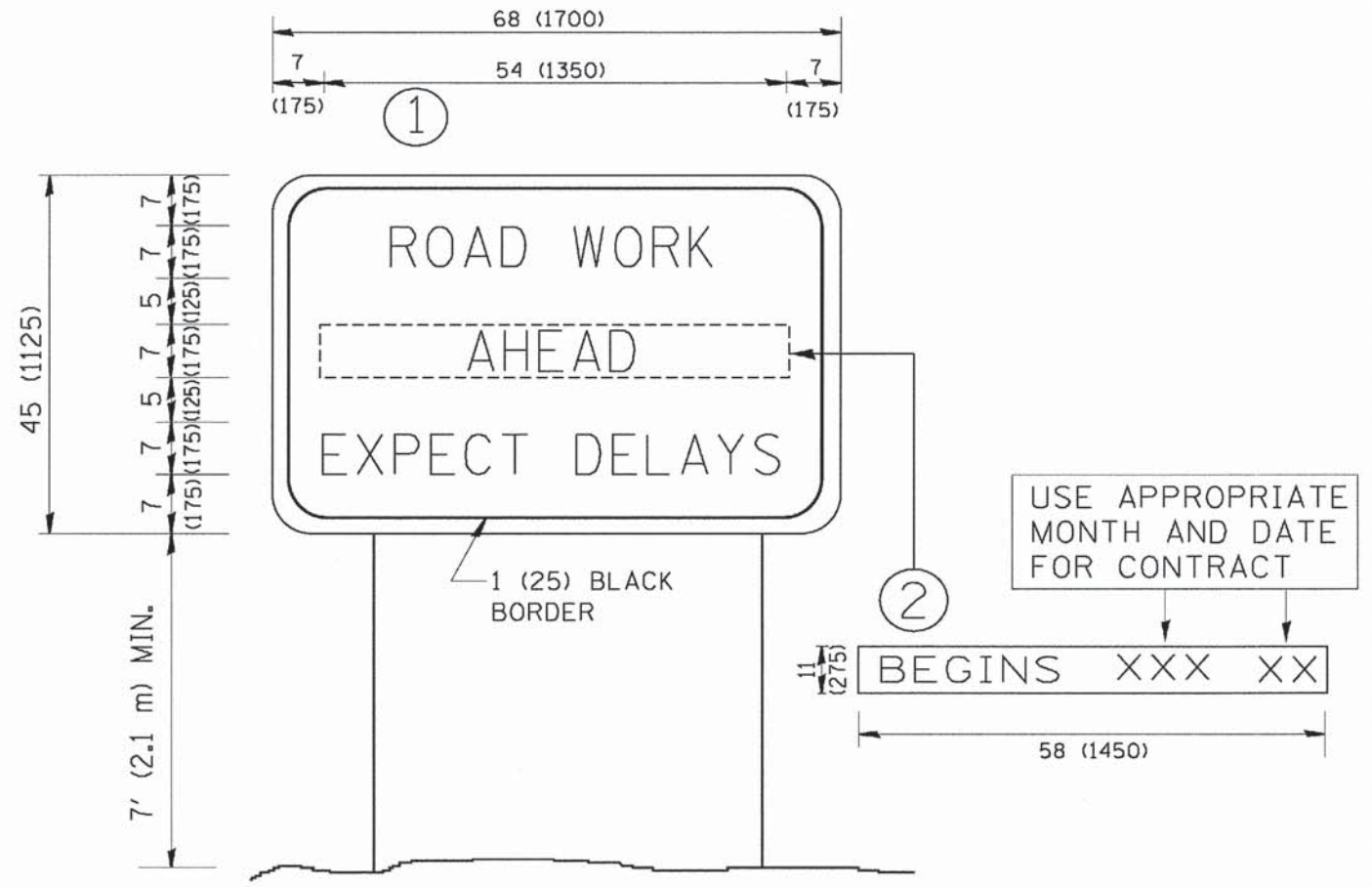
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0034 3860	13-00006-00-RS	MCHENRY	33	32
TC-16			CONTRACT NO. 63846	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)				

DRAWING: 1. 201 BY: DANIEL S. WASSMAN, INC.
 STATE OF ILLINOIS PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-00101 - EXPIRES 4/30/2013
 22500 N. 111th St. - 60138-1001
 815/291-1100
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 USER NAME = geglennob
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 REVISIONS:
 1. R. MIRS 09-15-97
 2. R. MIRS 12-11-97
 3. T. RAMMACHER 02-02-99
 4. C. JUCIUS 01-31-07



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 = M:\distatd\22x34\to22.dgn	USER NAME = geglennob	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A.U. RTE. 0034 3860	SECTION 13-00006-00-RS	COUNTY MCHENRY	TOTAL SHEETS 33	SHEET NO. 33	
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	PLOT DATE = 1/4/2008	CHECKED -	REVISED - T. RAMMACHER 02-02-99			TC-22 CONTRACT NO. 63846					
		DATE -	REVISED - C. JUCIUS 01-31-07			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-4003(194)					