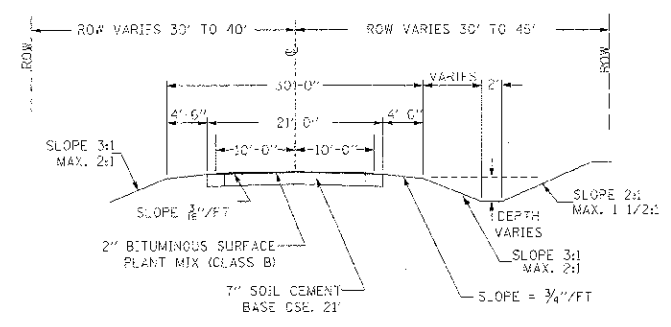
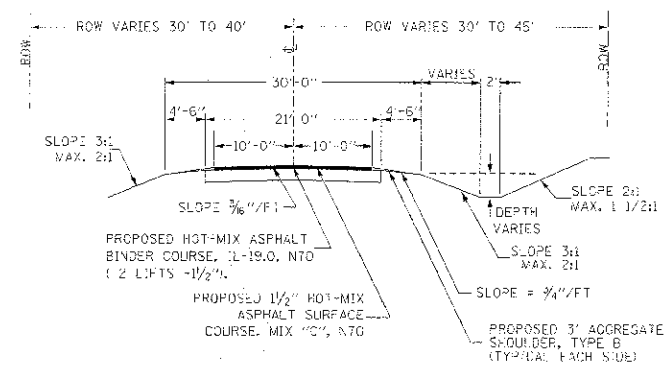


F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
815	09-00075-01-RS	WHITE	8	2
FED. ROAD DIST. NO. 3		ILLINOIS	BURNT PRAIRIE ROAD	
LEC JOB # H12L601WH			CONTRACT # 99478	

TYPICAL CROSS SECTION EXISTING



TYPICAL CROSS SECTION PROPOSED



GENERAL NOTES:

THIS SECTION CONSISTS OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL, HOT MIX ASPHALT BINDER COURSE, N70, AND HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, AGGREGATE SHOULDERS, AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE PROJECT, ALL IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTIONS 23-0 AND 93-00075-00-RS AND SHALL REMAIN IN PLACE. ALL STATIONS REFERRED TO IN THE PLANS AND PROPOSAL ARE REFERENCED TO THE ABOVE MENTIONED SECTIONS.

MAXIMUM PERCENT OF GRADE	-1.73 %
MINIMUM STOPPING SIGHT DISTANCE	432.50 FT
DESIGN SPEED	50 MPH
CURRENT ADT	700 VPD
DESIGN ADT (20 YEAR)	860 VPD

THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 SHALL BE PLACED IN ONE LIFT WITH A MINIMUM THICKNESS OF 1 1/2 INCH.

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 ALLOWS 447 TON FOR THE INTERSECTIONS, SIDEROADS, AND TAPERS; 454 TON FOR THE ENTRANCES; 106 TON FOR THE MAILBOX TURNOUTS; AND 3606 TON FOR THE MAIN LINE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70.

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR HOT-MIX ASPHALT BINDER COURSE, MIX "C", N70 ALLOWS 138 TON FOR PROPOSED DRIVES FROM STATION 245+00 TO STATION 250+00 ON THE DOTTI SIDE; 54 TON FOR SIDEROAD AT STATION 139+95 RIGHT SIDE; AND 8987 TON FOR THE MAIN LINE.

THE FOLLOWING RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

AGGREGATE SHOULDERS, TYPE B	1.8 T / CU YD
HOT-MIX ASPHALT	0.0560 T / SQ YD + INCH
BITUMINOUS MATERIAL (PRIME COAT)	0.05 GAL / SQ YD

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR CONTROLLED LOW-STRENGTH MATERIAL SHALL INCLUDE 2.4 CUBIC YARDS FOR THE PIPE CULVERTS THAT ARE BEING TIED INTO AT STATION 139+95 SIDEROAD.

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET 8.

- 000901-06 STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
- 406201-01 MAILBOX TURNOUT
- 542301-03 PRECAST REINFORCED CONCRETE FLARED END SECTION
- 542306-02 PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
- 542311-03 GRATING FOR CONCRETE FLARED END SECTION (FOR 24" THRU 54" PIPE)
- 602301-03 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
- 602701-02 MANHOLE STEPS
- 604801-03 FRAME AND LIDS TYPE 1
- 604806-02 GRATE TYPE 8
- 701006-03 OFF-ROAD OPERATIONS, 2-L, 2-W, 4.5 m (15') TO PAVEMENT EDGE 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
- 701801-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS

323 W. 3RD ST.
P.O. BOX 160
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62863
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47670

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CORPORATION

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(62-032485)(65-002769)

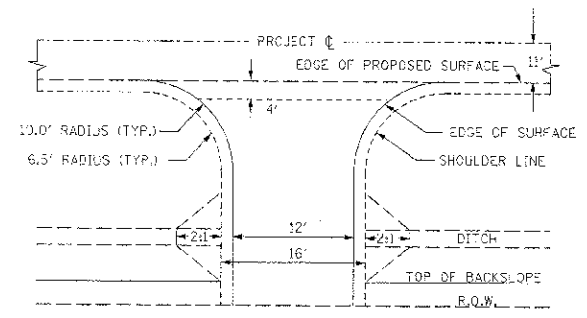


AARON M. MEFFORD
NAME
Signature
SIGNATURE
5-22-12
DATE
11-30-10
EXPIRES

SCHEDULE FOR SUPERELEVATION RATES

CURVE #2	CURVE #3	CURVE #5	CURVE #6
TANGENT RUNOFF BEGINS STA. 159+42+80	TANGENT RUNOFF BEGINS STA. 168+02.25	TANGENT RUNOFF BEGINS STA. 189+31.50	S.E. RUNOFF BEGINS STA. 196+86.73
S.E. RUNOFF BEGINS STA. 159+70.60	S.E. RUNOFF BEGINS STA. 168+35.25	S.E. RUNOFF BEGINS STA. 189+64.50	FULL S.E. BEGINS STA. 199+72.11
FULL S.E. BEGINS STA. 151+21.80	FULL S.E. BEGINS STA. 170+11.25	FULL S.E. BEGINS STA. 191+40.50	FULL S.E. ENDS STA. 202+46.54
FULL S.E. ENDS STA. 165+79.12	FULL S.E. ENDS STA. 173+92.42	FULL S.E. ENDS STA. 195+10.73	S.E. RUNOFF ENDS STA. 204+22.54
S.E. RUNOFF ENDS STA. 167+30.12	S.E. RUNOFF ENDS STA. 175+68.42	S.E. RUNOFF ENDS STA. 196+86.73	TANGENT RUNOFF ENDS STA. 204+55.54
TANGENT RUNOFF ENDS STA. 167+58.12	TANGENT RUNOFF ENDS STA. 176+01.42	S.E. RATE = 0.080 FT / FT	S.E. RATE = 0.080 FT / FT
S.E. RATE = 0.080 FT / FT	S.E. RATE = 0.080 FT / FT		

DETAIL OF PRIVATE AND FIELD ENTRANCES



NOTE: THE 4' AREA FROM THE EDGE OF SURFACE, AS SHOWN ABOVE, SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 FOR THE PRIVATE ENTRANCES AND THE FIELD ENTRANCES. THIS QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70.

UTILITIES

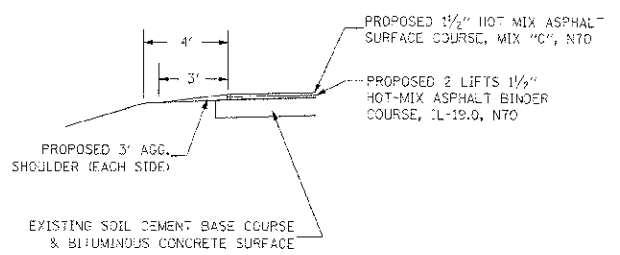
FRONTIER TELEPHONE CO.
208 WEST UNION
MARION, IL 62859
618-997-0707

J.U.L.I.E.
800-892-0123

WAYNE-WHITE ELECTRIC
DRAWER E
FAIRFIELD, IL 62637
618-842-2196

VILLAGE OF BURNT PRAIRIE
P.O. BOX 43
BURNT PRAIRIE, IL 62620
618-896-1378

AGGREGATE SHOULDER DETAIL



PRIVATE & FIELD ENTRANCE APPROACH DETAIL

