

# GENERAL NOTES

- 1.) A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT FOR PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS TO ACCOMMODATE STAGE CONSTRUCTION INTERVALS. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE BINDER AND FINAL HMA SURFACE.
- 2.) THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- 3.) "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE 48"x48".
- 4.) ALL AREAS DISTURBED FOR ANY REASON WITHIN THE CONSTRUCTION LIMITS SHALL BE SEEDED WITH CLASS 1 SEEDING. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. AREAS DISTURBED BEYOND THE CONSTRUCTION LIMITS SHALL BE SEEDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
- 5.) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 6.) AN ESTIMATED 375 TONS OF HMA SURFACE WILL BE REMOVED FROM THIS PROJECT.
- 7.) PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS AND FACE OF CURBS.
- 8.) THE COST OF REMOVING AND RELOCATING ALL EXISTING TRAFFIC SIGNS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 9.) AN ESTIMATED QUANTITY OF 350 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND LOCAL TRAFFIC THROUGHOUT CONSTRUCTION OPERATIONS.
- 10.) FACTORS USED FOR APPLICATION RATES AND QUANTITY CALCULATIONS ARE AS FOLLOWS:

### PAVING

ALL HOT-MIX ASPHALT	0.056 TONS/SQ. YD./INCH
BITUMINOUS MATERIALS (PRIME COAT)	0.075 GAL./SQ. YD.
	*AGGREGATE BASES (0.375 GAL./SQ.YD.)
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.
AGGREGATE BASE COURSE	0.0555 TONS/SQ. YD./INCH

### SEEDING

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
MULCH	2 TONS/ACRE

### LIME MODIFIED SOILS

SOIL	1.4445 TONS/CU. YD.
LIME (4% OF SOIL)	0.01926 TONS/SQ. YD./12 IN.
WATER	15 GAL./SQ. YD./12 IN.

- 11.) THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S)	SURFACE COURSE	BINDER COURSE	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX.)	15%	25%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL-19.0	
FRICITION AGG	MIXTURE D	MIXTURE B	MIXTURE D

### APPLICABLE IDOT HIGHWAY STANDARDS:

280001-05	604091-02	720001-01	B.L.R. 17-4
424001-05	606001-04	720006-02	B.L.R. 21-8
542301-02	606301-04	720011-01	B.L.R. 22-6
602301-02	701306-02	728001-01	
602306-02	701311-03	729001-01	
602406-03	701326-03	731001-01	
602601-02	701901-01	780001-02	

### UTILITY TYPE

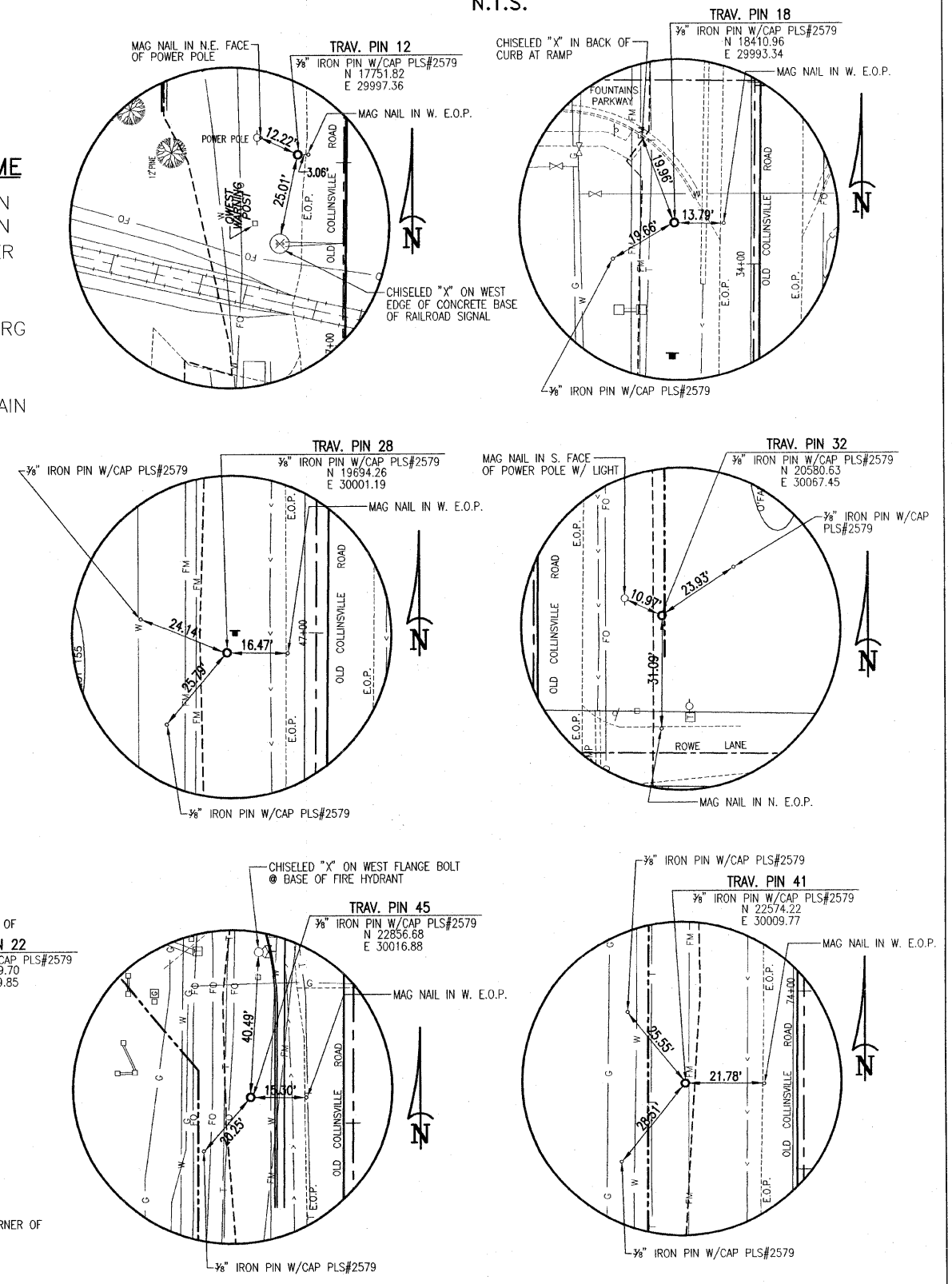
UTILITY TYPE	NAME OF UTILITY	PHONE NUMBER	CONTACT NAME
ELECTRIC	AMEREN UE	618-482-2238	JOE ROBERTSON
GAS	AMEREN UE	618-482-2238	JOE ROBERTSON
GAS	CONOCO PHILLIPS	217-532-5709	MICHAEL VOLKER
WATER	CITY OF O'FALLON	618-624-4500	HEIDE BELL
WATER	VILLAGE OF CASEYVILLE	618-344-1234	GERALD SCOTT
TELEPHONE	AT&T	618-346-6422	DEAN LITZENBURG
CABLE	CHARTER COMMUNICATIONS	618-374-7058	LARRY SCHMITT
SANITARY SEWER	CASEYVILLE TOWNSHIP	618-632-2414	JOSEPH HOGG
FIBER OPTIC	QWEST COMMUNICATIONS	303-837-3926	GEORGE McELVAIN
FIBER OPTIC	MCLEOD USA	217-876-7194	MARK MILLS

### COMMITMENTS

- 1.) THE CONTRACTOR SHALL CONTACT LARRY KENISON, OWNER OF ANDRIA'S RESTAURANT (STA. 28+50), AT 618/632-4866 TO COORDINATE TIME AND DURATION OF ENTRANCE CONSTRUCTION.
- 2.) UPON REMOVAL OF THE 15" HDPE PIPE AT STA. 50+07 RIGHT, THE CONTRACTOR SHALL PLACE THE PIPE ON CHURCH PROPERTY OUTSIDE OF ROW FOR THEIR PERSONAL USE. THE CONTRACTOR SHALL NOTIFY JONATHON BLAKE AT 618/567-9291 UPON COMPLETION OF SAID REMOVAL AND RELOCATION.

## HORIZONTAL CONTROL TIE POINTS

N.T.S.



F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
9168	05-00035-00-FP 05-00056-00-FP	ST. CLAIR	60	2
STA 24+17.37		TO	STA. 79+10.00	
FEDERAL AID PROJECT			CONTRACT 97360	