| _ | RTE. | SECTION | COUNT | Y TOTAL SHEETS | SHEET NO. | |
|---|---------------------|------------|----------|---------------------------|--------------|--|
| | 619 | (I20) BR-I | PUTNA | M 28 | 8 | |
| | STA. TO STA. | | | | | |
| | FED. ROAD DIST. NO. | | ILLINOIS | ILLINOIS FED. AID PROJECT | | |

NOTES:

- 1. TRAFFIC CONTROL SHALL BE INSTALLED ACCORDING TO STANDARD 701321.
- 2. TEMPORARY WIDENING IS DESIGNED TO BE LEFT IN PLACE AT THE CONCLUSION OF THE PROJECT, AS INDICATED, AND USED AS BITUMINOUS SHOULDER AND GUARDRAIL STABILIZATION

STAGE I SEQUENCE OF OPERATIONS

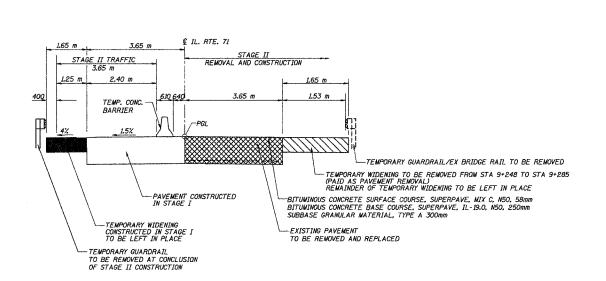
- 1. REMOVE EXISTING SIGNS AND ANY OTHER OBSTRUCTIONS NECESSARY TO CONSTRUCT PROPOSED BIT CONCRETE BASE COURSE WIDENING AND EARTHWORK THAT IS REQUIRED FOR STAGE I TRAFFIC. RELOCATE FIELD ENTRANCE.
- 2. INSTALL BIT CONCRETE BASE COURSE WIDENING FOR STAGE I TRAFFIC.
- 3. INSTALL TEMPORARY TRAFFIC SIGNALS, SIGNS, IMPACT ATTENUATORS, TEMPORARY CONCRETE BARRIERS, VERTICAL PANELS, DRUMS, AND ALL ITEMS AS PER THESE DETAILS AND TRAFFIC CONTROL & PROTECTION STANDARD TOISZLI TO ACCOMMODATE STAGE I TRAFFIC.
- 4. BEGIN STAGE I CONSTRUCTION BY REMOVING EXISTING GUARDRAIL AND TRAFFIC BARRIER ENDS. DRIVE TEMPORARY SHEET PILING. REMOVE PORTIONS OF EXISTING BRIDGE ITEMS AS PER CULVERT PLANS AND ANY OTHER OBSTRUCTIONS NECESSARY TO CONSTRUCT ALL ITEMS IN STAGE I.
- 5. CONSTRUCT STAGE I ROADWAY AND BRIDGE ITEMS AS WELL AS BIT BASE COURSE WIDENING AND TEMP GUARDRAIL FOR STAGE II TRAFFIC EXCEPT BIT SURFACE. COURSE PER CONTRACT PLANS. (SHEET PILING MAY NEED TO BE ADJUSTED PRIOR TO BACKFILLING.)

STAGE II SEQUENCE OF OPERATIONS

- I. INSTALL TEMPORARY TRAFFIC SIGNALS, SIGNS, IMPACT ATTENUATORS, TEMPORARY CONCRETE BARRIERS, VERTICAL PANELS, DRUMS, AND ALL ITEMS AS PER THESE DETAILS AND AS PER TRAFFIC CONTROL & PROTECTION STANDARD 701321 TO ACCOMMODATE STAGE II TRAFFIC.
- 2. BEGIN STAGE II CONSTRUCTION BY REMOVING EXISTING GUARDRAIL AND TRAFFIC BARRIER ENDS. DRIVE TEMPORARY SHEET PILING. REMOVE PORTIONS OF EXISTING BRIDGE ITEMS AS PER CULVERT PLANS, ROADWAY, BIT BASE COURSE WIDEWING FROM STAGE I, AND ANY OTHER OBSTRUCTIONS NECESSARY TO CONSTRUCT ALL ITEMS IN STAGE II.
- CONSTRUCT STAGE II ROADWAY AND BRIDGE ITEMS EXCEPT BIT SURFACE COURSE AS PER PLANS. INSTALL GUARDRAIL AND BIT SHOULDER FOR GUARDRAIL STABILIZATION.
- 4. GRADE SIDE SLOPES ON THE SOUTH SIDE OF THE ROADWAY AS SHOWN IN THE CROSS SECTIONS. PLACE TOPSOIL AND SEEDING.

STAGE III SEQUENCE OF OPERATIONS

- 1. CONSTRUCT REMAINING BIT SHOULDER FOR GUARDRAIL STABILIZATION.
- 2. GRADE REMAINING SIDE SLOPES AS SHOWN IN THE CROSS SECTIONS. PLACE TOPSOIL AND SEEDING.
- 3. CONSTRUCT GUARDRAIL
- 4. CONSTRUCT BIT SURFACE COURSE
- 5. PLACE PERMANENT PAVEMENT MARKINGS.



1.65 m

1,53 m

TEMPORARY GUARDRAIL/EX BRIDGE RAIL

-TEMPORARY WIDENING FOR STAGE I (BIT CONC BASE CSE WIDENING, 225, SUPER) STA 9+208 TO STA 9+329

-EXISTING BITUMINOUS SHOULDER (REMOVE AND REPLACE WITH TEMPORARY WIDENING)

STAGE I TRAFFIC 3.505 m 1.97 m

TEMP. CONC.

EXISTING PAVEMENT TO BE REMOVED AND REPLACED

-BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAYE, MIX C, N50, 58mm BITUMINOUS CONCRETE BASE COURSE, SUPERPAYE, IL-19.0, N50, 250mm SUBBASE GRANULAR MATERIAL, TYPE A 300mm

--TEMPORARY WIDENING CONSTRUCTED FOR STAGE II (BIT CONC BASE CSE WIDENING, 225, SUPER) STA 9+208 TO STA 9+328

STAGE I TRAFFIC

STAGE II TRAFFIC (LOOKING EAST)

₡ IL. RTE. 71

STAGE I
REMOVAL AND CONSTRUCTION

3.65 m

-EXISTING GUARDRAIL TO BE REMOVED

1.65 m

REVISIONS DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

TYPICAL SECTIONS

ILLINOIS ROUTE 71

1:500

STATION 9+268.50 (STRUCTURE NO 078-2008)

DATE: 8/31/06 DRAWN BY: ESN CHECKED BY: MJL