

| INDEX OF SHEETS | |
|-----------------|----------------------------|
| SHEET NO. | DESCRIPTION |
| 1 | COVER SHEET |
| 2 | GENERAL NOTES |
| 3 - 5 | SUMMARY OF QUANTITIES |
| 6 - 7 | SCHEDULE OF QUANTITIES |
| 8 - 10 | TYPICAL SECTIONS |
| 11 - 18 | LINE DIAGRAM |
| 19 - 22 | ENTRANCE DETAILS |
| 23 | BUTT JOINT DETAILS |
| 24 - 26 | STAGE CONSTRUCTION DETAILS |
| 27 - 30 | STRUCTURE PLANS |

GENERAL NOTES

- ALL ELEVATIONS SHOWN IN THE PLANS ARE U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE BACK OF THE PLANS.
- THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
- EXISTING PAVEMENT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND NOT OTHERWISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCED NOTICE IS REQUIRED.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED THE DEPARTMENT SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THIER LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

9 NO PASSING ZONES SHALL BE FIELD VERIFIED BY OPERATIONS, DIST. 6, 14 DAYS PRIOR TO FINAL PAVEMENT MARKINGS. THE DISTRICT 6 SIGN SHOP CAN BE REACHED AT (217)785-0288.

10 THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS.

| | |
|--|------------------------|
| AGGREGATE ITEMS | 2.05 TON / CU YD |
| HOT-MIX ASPHALT BINDER COURSE | 0.056 TON / SQ YD INCH |
| HOT-MIX ASPHALT SURFACE COURSE | 0.056 TON / SQ YD INCH |
| INCIDENTAL BITUMINOUS SURFACE | 0.056 TON / SQ YD INCH |
| AGGREGATE (PRIME COAT) | 0.002 TON / SQ YD |
| BITUMINOUS MATERIAL (PRIME COAT) (ON BITUMINOUS) | 0.00038 TON / SQ YD |
| BITUMINOUS MATERIAL (PRIME COAT) (ON AGGREGATE) | 0.001425 TON / SQ YD |

11 THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT.

| MIXTURE USES: | SURFACE | INCIDENTAL SURFACE | LEVELING BINDER | PATCHING | HMA SHOULDERS, VAR. DEPTH | SHOULDERS 8" |
|---------------------|----------------|--------------------|-----------------|------------|---------------------------|--------------|
| PG | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 | PG 58-22 |
| DESIGN AIR VOIDS | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 | 2.0% @ N30 |
| MIXTURE COMPOSITION | IL 9.5 OR 12.5 | IL 9.5 OR 12.5 | IL 9.5 | IL 19.0 | IL 9.5 OR 12.5 | BAM (OTHER) |
| FRICITION | MIX C | MIX C | N/A | N/A | MIX C | N/A |

COMMITMENTS

THE RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGE, TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND ALLOW AN IMPROVED DESIGN FOR FUTURE PROJECTS.

LETTER OF UNDERSTANDING WITH CARTHAGE (SHOULDER MAINTENANCE)

| DISTRICT SIX | |
|---|--|
| EXAMINED <u>January 26</u> 20 <u>10</u> | |
| <i>[Signature]</i> | |
| OPERATIONS ENGINEER | |
| EXAMINED <u>Jan 28</u> 20 <u>10</u> | |
| <i>[Signature]</i> | |
| PROGRAM DEVELOPMENT ENGINEER | |
| EXAMINED <u>Feb 2</u> 20 <u>10</u> | |
| <i>[Signature]</i> | |
| PROGRAM IMPLEMENTATION ENGINEER | |