PAVEMENT REPAIRS

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AISD WILHELMINA DELCO CENTER
4601 PECAN BROOK DR
AUSTIN, TEXAS 78724

CIVILTEC ENGINEERS & PLANNERS

SUBMITTED BY

DATE: 06/06/19

LOCATION MAP

SCALE 1:1000

06/06/2019

PAVEMENT REPAIRS

AISD PROJECT NO. 19-1050-DELCO
WILHELMINA DELCO CENTER
4601 PECAN BROOK DR, AUSTIN, TX 78724

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SHEET TITLES
1. COVER
2. GERALD NOTES & DETAILS
3. EROSION CONTROL PLAN
4. PAVEMENT REPAIR PLAN
5. ALTERNATE B - DRAINAGE IMPROVEMENTS PLAN
6. DETAILS
7. REFERENCE GRADING PLAN 1 OF 2
8. REFERENCE GRADING PLAN 2 OF 2
ESC NOTES:

- If disturbed area is not to be worked on for more than 14 days, disturbed area needs to be stabilized by revegetation, mulch, tarp or surface matting. (ECO 14-4-8.3, Section 14-4-30)

- Environmental inspector has the authority to add and/or modify erosion/sediment controls on the site as well as to implement control measures during site construction such as irrigation, trucks and watering as per ECO 14.4.5(a) or as directed by the environmental inspector.

- Contractor will clean up spills that migrate onto the roads a minimum of once daily.

- Contractor to install tree protections for all trees that may be affected by construction activities per details. Not all trees are shown.

LEGEND

- Trees to be removed

- Protected trees

- Side of construction

- Cut face

- As-built construction

- Standard construction (drilled)

- Standard construction (caged)
CONSTRUCTION NOTES:
1. CONTRACTOR IS RESPONSIBLE TO PROTECT EXISTING IRIGATION SYSTEM ON SITE. LOCATION OF LINES DRAWN PER AS-BUILT, MAY NOT BE ACCURATE. NOTIFY ENGINEER IF CONFLICT OCCURS. CONTACT A&E IF EMERGENCY REPAIR IS NEEDED.
2. CONTRACTOR TO INSTALL TREE PROTECTIONS FOR ALL TREES THAT MAY BE AFFEC TED BY CONSTRUCTION ACTIVITIES PER DETAILS. NOT ALL TREES ARE SHOWN.

BASE BID:
1. RECONSTRUCT 57,150 SF OF ASPHALT PARKING PER NOTES & DETAILS.
2. EXCAVATE 8" TO THE BOTTOM OF EXISTING BASE AND STOCKPILE MATERIAL FOR REUSE.
3. EXCAVATE AN ADDITIONAL 4" OF EXISTING SUBGRADE AND DISPOSE.
4. PROIDUR NEW SUBGRADE PER CITY OF AUSTIN SPEC.
5. PLACED PULVERIZE BASE AND ASPHALT MATERIALS AS THE NEW BASE LAYER AND APPROXIMATELY 3" OF NEW ADDITIONAL FLEX BASE MATERIALS.
6. INSTALL NEW 3" MAC TYPE C.
7. RE-EROSION TO MATCH EXISTING CONDITIONS SEE APPROVED PLANS FOR REFERENCES SHEETS 7 & 8.
8. INSTALL TRUCK ENTRANCE RELATED SIGNAGE AS SHOWN.

ALT #1:
1. RECONSTRUCT 8,720 LF OF CURB & GUTTER AS SHOWN WITH REINFORCEMENT PER DETAILS.

ALT #2:
1. RECONSTRUCT 11,153 SF OF HEAVY DUTY CONCRETE PARKING IN LAY OF ASPHALT AS SHOWN.
2. HEAVY DUTY CONCRETE SECTION SHALL BE 7" THICK WITH 5/8" X 5/8" REINFORCEMENT ON TOP OF RECYCLED & NEW BASE.
3. SLOPE TO ALLOW FOR 2% DRAINAGE, TRUCK PARKING SPACES AS SHOWN.
4. REMOVE SELECTIVE PARKING ISLANDS & CAP ASSOCIATED DRAINAGE HEADS AS SHOWN.

ALT #3:
1. INSTALLING-Mail-PEPS & HEADWALL TO CONvey STORM RUNOFF FROM LOWER HALF OF PARKING LOT TO PONG PER SHEET 5.
MATCH LINE—SEE SHEET C502

APPROVED GRADING & DRAINAGE PLAN IN 2001 - REFERENCE ONLY

1. The top 4" of topsoil shall be removed in all grass areas to be proposed in pavement areas. Large rocks, debris, and sheet notes shall not be used in the proposed pavement areas.

2. All disturbed grass areas shall be seeded, fertilized, and mulched in accordance with specifications contained in the project.

3. All pond side slopes and in grass areas with slopes 3:1 or greater, shall be regraded and stockpiled for reuse in the final grading of grass areas. Topsoil clumps of grass shall be removed prior to excavation and hauled off site.

4. Contractor shall place soil retention blanket on channel side slopes, pond sides, and in grass areas with slopes 3:1 or greater. Sheet notes shall not be used in proposed pavement areas. Large rocks, debris, and sheet notes shall not be used in the proposed pavement areas.

5. All accessible routes on this project shall be either 30 inches or greater. The ground surfaces for all accessible routes on this project are either 30 inches or greater.

6. All accessible routes must have a cross-slope no greater than 1:50 and a running slope no greater than 1:20.

7. SLOPES IN ACCESSIBLE PARKING SPACE AREAS SHALL NOT EXCEED A 1:50 SLOPE.

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9. The ground surfaces for all accessible routes on this project are either 30 inches or greater.

10. ALL ACCESSIBLE ROUTES MUST HAVE A CROSS-SLOPE NO GREATER THAN 1:50 AND A RUNNING SLOPE NO GREATER THAN 1:20.

11. SLOPES IN ACCESSIBLE PARKING SPACE AREAS SHALL NOT EXCEED A 1:50 SLOPE.

LIMITS OF CONSTRUCTION

Sheet Notes:

1. Construction shall be carried out in accordance with the plans and specifications in this document.

2. All work shall be done in a manner that will not interfere with the existing utilities or other construction projects.

3. All work shall be done in a manner that will not create a hazard to the public or to the existing utilities.

4. All work shall be done in a manner that will not create a nuisance to the public or to the existing utilities.

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MATCH LINE—SEE SHT. C501

APPROVED GRADING & DRAINAGE PLAN IN 2001 - REFERENCE ONLY